

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103023\
 Data File : VN079728.D
 Acq On : 30 Oct 2023 17:31
 Operator : JC\MD
 Sample : VN1030WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 07:31:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	273441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	464840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	431193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	214432	48.833	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.660%		
35) Dibromofluoromethane	8.171	113	168554	50.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.500%		
50) Toluene-d8	10.571	98	638384	51.557	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.120%		
62) 4-Bromofluorobenzene	12.853	95	196891	50.494	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68516	18.981	ug/l	99
3) Chloromethane	2.365	50	76324	17.454	ug/l	97
4) Vinyl Chloride	2.518	62	83071	17.639	ug/l	99
5) Bromomethane	2.959	94	55025	17.800	ug/l	94
6) Chloroethane	3.124	64	66771	19.354	ug/l	96
7) Trichlorofluoromethane	3.506	101	103577	18.703	ug/l	99
8) Diethyl Ether	3.971	74	36071	17.998	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.383	101	60410	18.834	ug/l	97
10) Methyl Iodide	4.594	142	57780	17.899	ug/l	92
11) Tert butyl alcohol	5.518	59	45966	78.921	ug/l	98
12) 1,1-Dichloroethene	4.342	96	53973	17.965	ug/l	91
13) Acrolein	4.183	56	47441	80.973	ug/l	94
14) Allyl chloride	5.030	41	82334	16.342	ug/l	89
15) Acrylonitrile	5.724	53	154678	86.306	ug/l	100
16) Acetone	4.430	43	144805	77.078	ug/l	99
17) Carbon Disulfide	4.718	76	161184	17.569	ug/l	99
18) Methyl Acetate	5.030	43	130121	17.168	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	180794	17.786	ug/l	92
20) Methylene Chloride	5.283	84	69710	18.738	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	61835	18.133	ug/l	86
22) Diisopropyl ether	6.677	45	208219	18.383	ug/l #	91
23) Vinyl Acetate	6.606	43	543756	87.194	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	122336	18.024	ug/l	97
25) 2-Butanone	7.488	43	213204	82.619	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	96360	17.545	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	71270	18.152	ug/l	88
28) Bromochloromethane	7.818	49	70095	21.114	ug/l #	74
29) Tetrahydrofuran	7.841	42	137334	87.111	ug/l #	76
30) Chloroform	7.971	83	124492	18.215	ug/l	99
31) Cyclohexane	8.265	56	104798	17.493	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	106790	18.024	ug/l	96
36) 1,1-Dichloropropene	8.371	75	93021	18.878	ug/l	94
37) Ethyl Acetate	7.565	43	83857	17.169	ug/l #	93
38) Carbon Tetrachloride	8.365	117	92050	18.733	ug/l	98
39) Methylcyclohexane	9.606	83	88145	17.984	ug/l #	84
40) Benzene	8.612	78	280851	19.312	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	42765	16.788	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	98184	18.588	ug/l	99
43) Isopropyl Acetate	8.694	43	135727	17.383	ug/l #	92
44) Trichloroethene	9.359	130	66772	18.954	ug/l	96
45) 1,2-Dichloropropane	9.629	63	73369	18.995	ug/l	99
46) Dibromomethane	9.718	93	47707	18.313	ug/l	95
47) Bromodichloromethane	9.894	83	99712	19.080	ug/l	99
48) Methyl methacrylate	9.688	41	63292	17.484	ug/l #	81
49) 1,4-Dioxane	9.700	88	22015	345.591	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	426906	87.870	ug/l	89
52) Toluene	10.635	92	169347	19.074	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	94285	17.866	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	108808	18.845	ug/l #	89
55) 1,1,2-Trichloroethane	11.023	97	65186	18.565	ug/l	96
56) Ethyl methacrylate	10.876	69	87329	17.611	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	116328	18.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	166625	91.205	ug/l	90
59) 2-Hexanone	11.200	43	300443	84.103	ug/l	86
60) Dibromochloromethane	11.365	129	67983	18.711	ug/l	96
61) 1,2-Dibromoethane	11.476	107	63661	18.198	ug/l	98
64) Tetrachloroethene	11.106	164	57647	18.846	ug/l	95
65) Chlorobenzene	11.894	112	173926	18.224	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66494	18.751	ug/l	98
67) Ethyl Benzene	11.970	91	303241	18.035	ug/l	95
68) m/p-Xylenes	12.076	106	229586	36.918	ug/l	96
69) o-Xylene	12.400	106	106084	17.740	ug/l	96
70) Styrene	12.417	104	172612	18.020	ug/l	97
71) Bromoform	12.582	173	43204	17.009	ug/l #	96
73) Isopropylbenzene	12.700	105	267131	17.172	ug/l	100
74) N-amyl acetate	12.500	43	98810	15.970	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	93821	17.036	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	83589m	17.924	ug/l	
77) Bromobenzene	12.982	156	66562	18.195	ug/l	99
78) n-propylbenzene	13.041	91	317705	17.729	ug/l	98
79) 2-Chlorotoluene	13.129	91	195171	17.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	225162	17.757	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	24437	15.806	ug/l #	66
82) 4-Chlorotoluene	13.223	91	190735	17.777	ug/l	100
83) tert-Butylbenzene	13.441	119	177382	17.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	220120	17.993	ug/l	99
85) sec-Butylbenzene	13.623	105	251600	17.357	ug/l	99
86) p-Isopropyltoluene	13.735	119	198217	17.168	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	108089	17.465	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	106221	17.228	ug/l	98
89) n-Butylbenzene	14.059	91	151056	16.468	ug/l	97
90) Hexachloroethane	14.335	117	40520	16.610	ug/l	86
91) 1,2-Dichlorobenzene	14.111	146	103269	17.156	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12691	14.942	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	24749	13.793	ug/l	97
94) Hexachlorobutadiene	15.506	225	25528	16.035	ug/l	98
95) Naphthalene	15.647	128	58910	11.309	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	28085	14.017	ug/l	99

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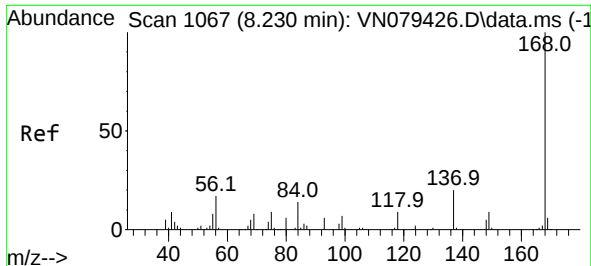
Manual Integrations
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Supervised By :Mahesh Dadoda 10/31/2023

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Quant Title : SW846 8260
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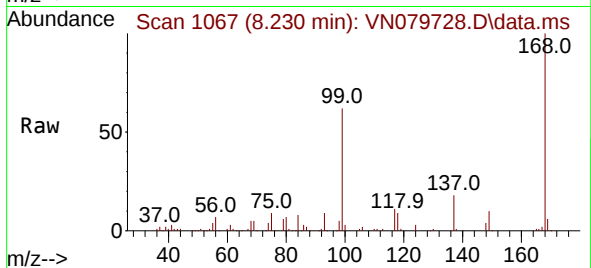
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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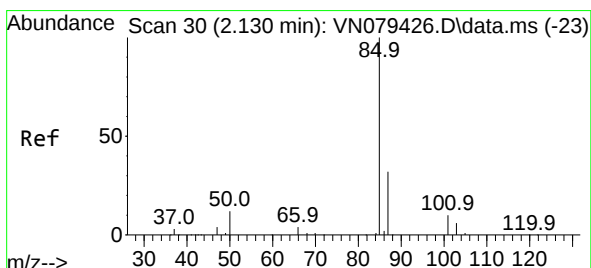
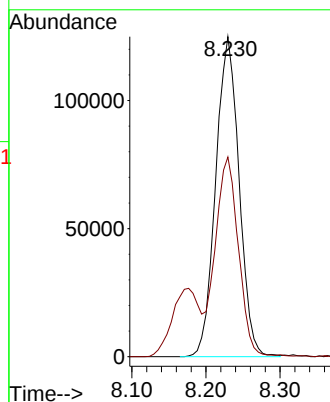
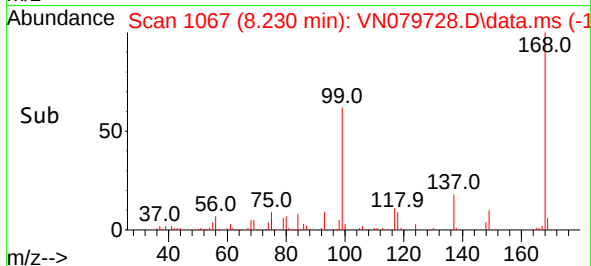
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion:168 Resp: 27344
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6

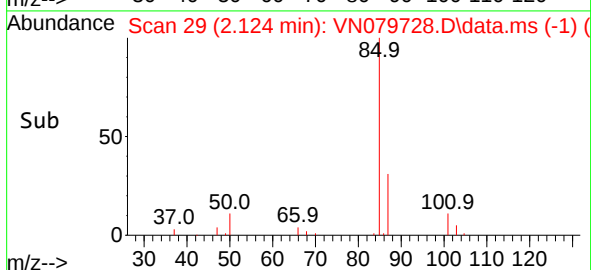
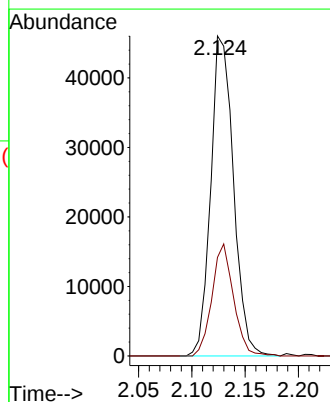
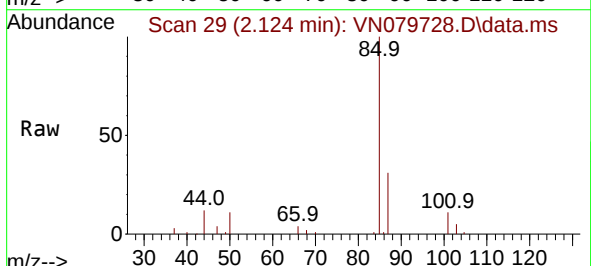
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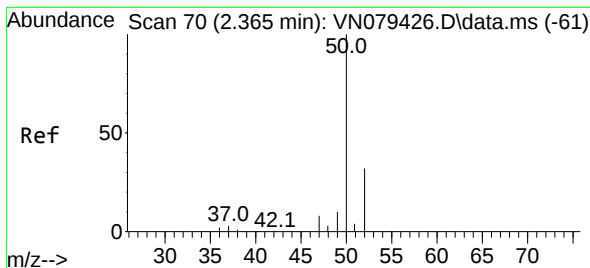
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 18.981 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 85 Resp: 68516
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3

Chloromethane

Concen: 17.454 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion: 50 Resp: 76324

Ion Ratio Lower Upper

50 100

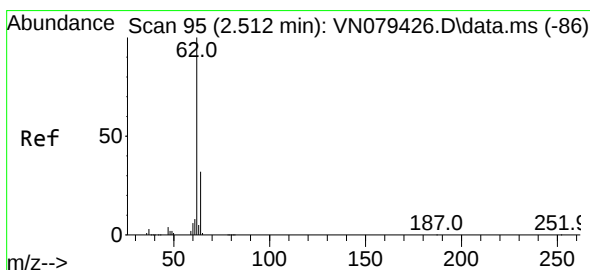
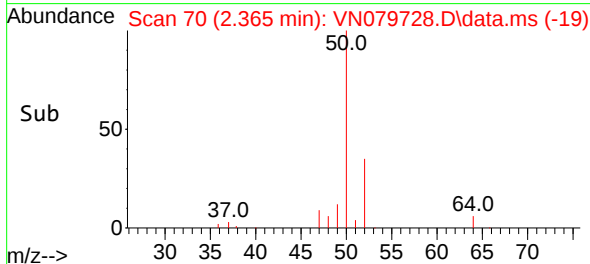
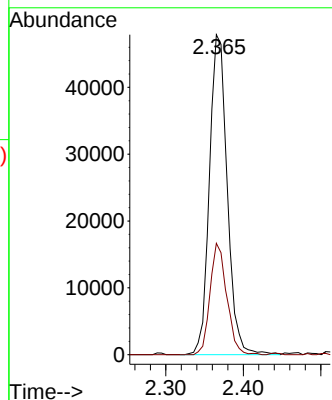
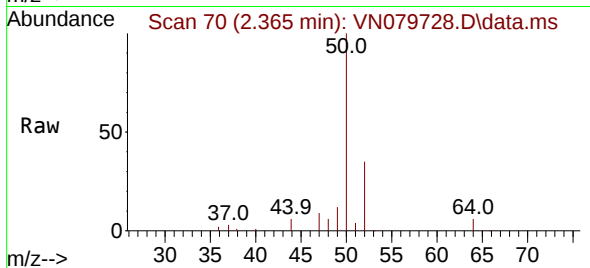
52 34.8 26.5 39.7

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 17.639 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079728.D

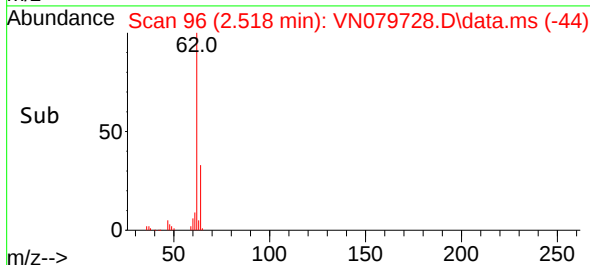
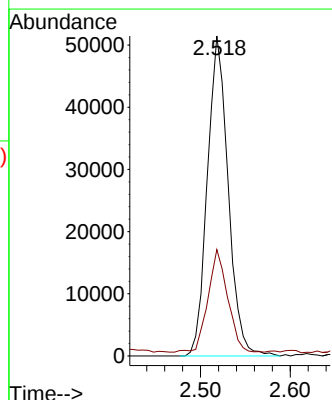
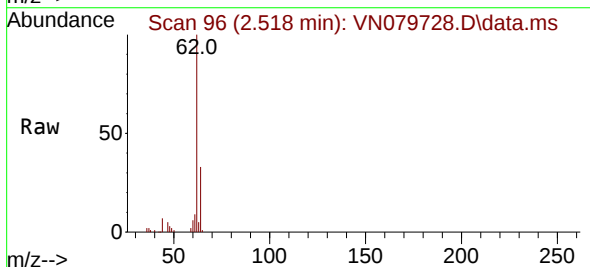
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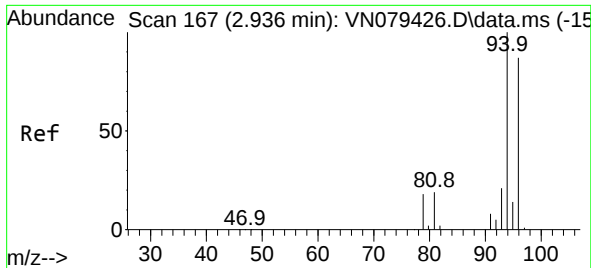
Tgt Ion: 62 Resp: 83071

Ion Ratio Lower Upper

62 100

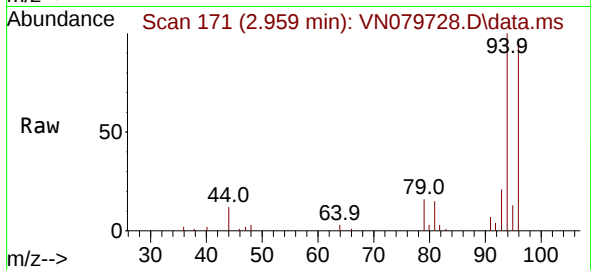
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 17.800 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

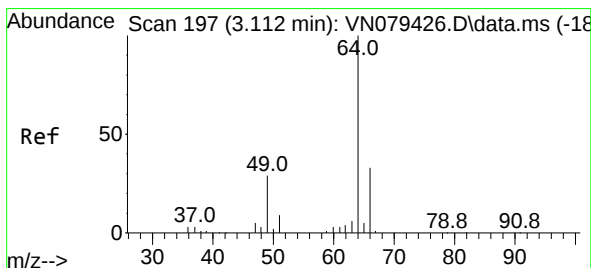
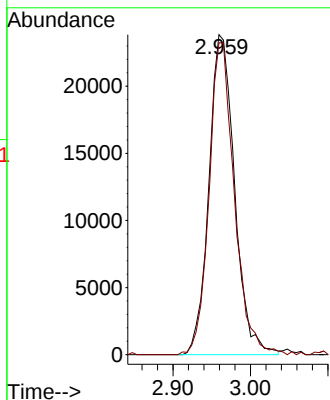
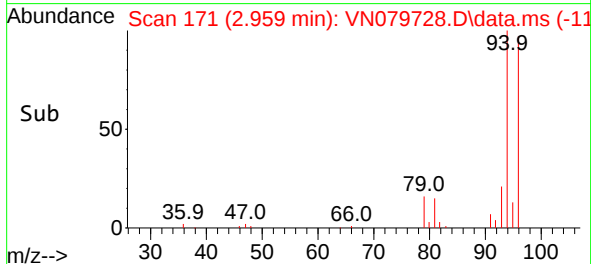
Instrument :
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Tgt Ion: 94 Resp: 5502
Ion Ratio Lower Upper
94 100
96 97.5 73.1 109.7

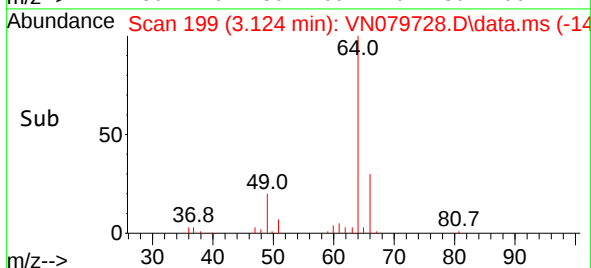
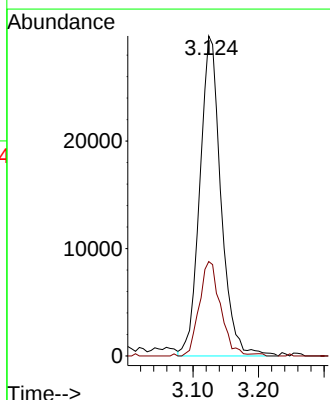
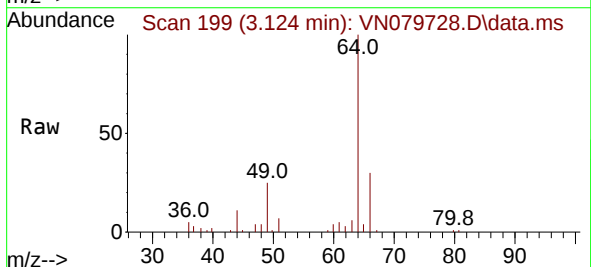
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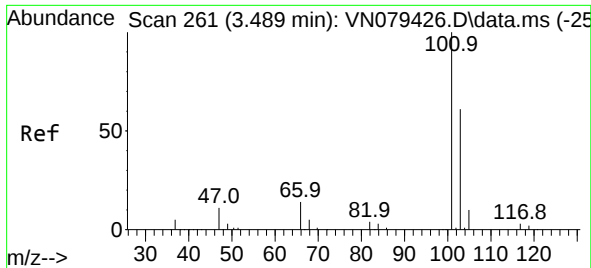
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 19.354 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 64 Resp: 66771
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2





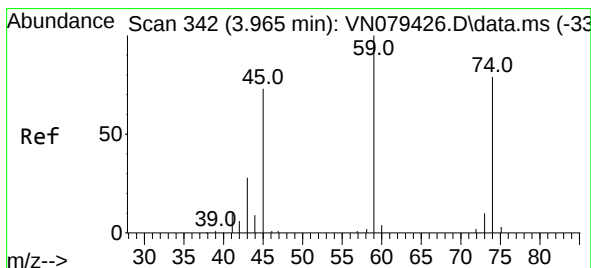
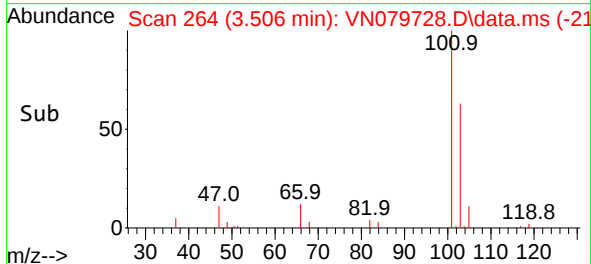
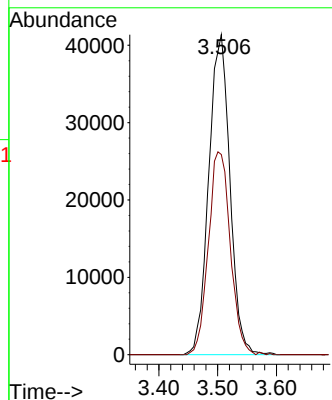
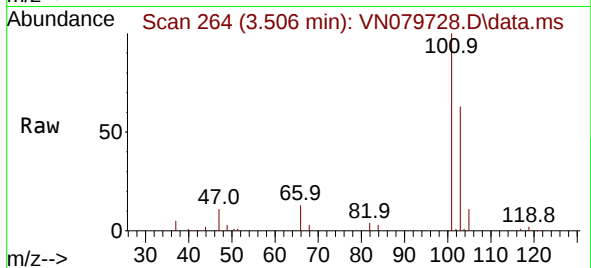
#7
 Trichlorofluoromethane
 Concen: 18.703 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.017 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

Instrument :
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Tgt Ion:101 Resp: 10357
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.7 76.1

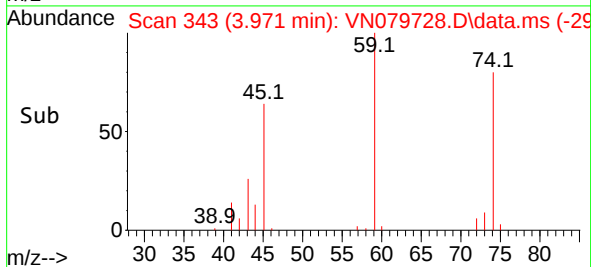
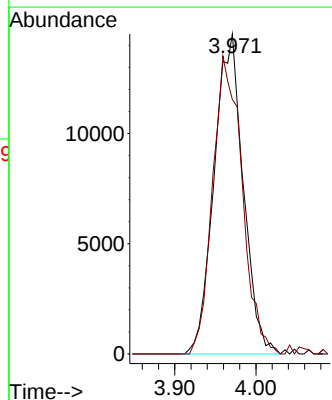
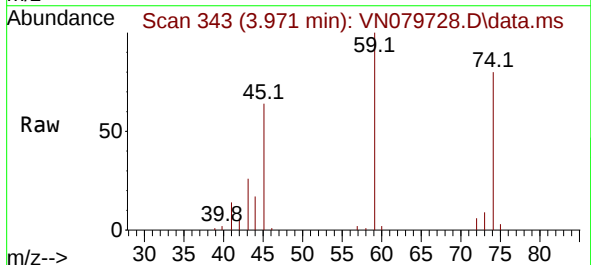
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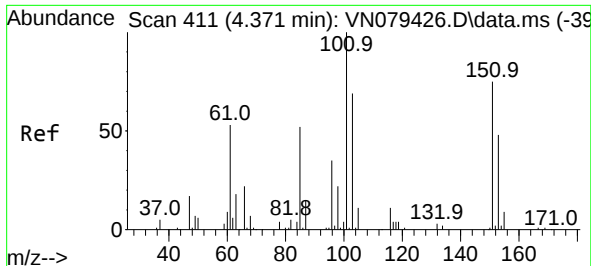
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#8
 Diethyl Ether
 Concen: 17.998 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VN079728.D
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Tgt Ion: 74 Resp: 36071
 Ion Ratio Lower Upper
 74 100
 45 94.4 34.4 103.3





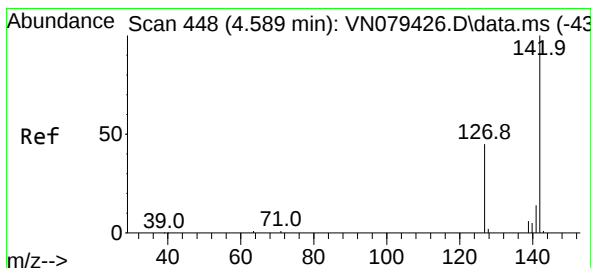
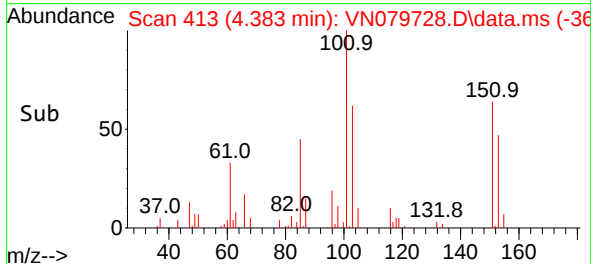
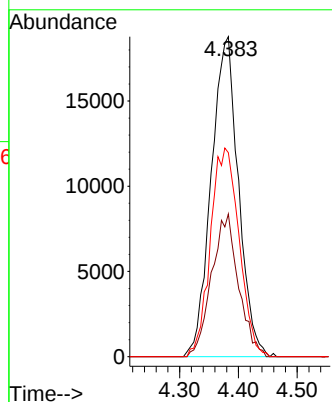
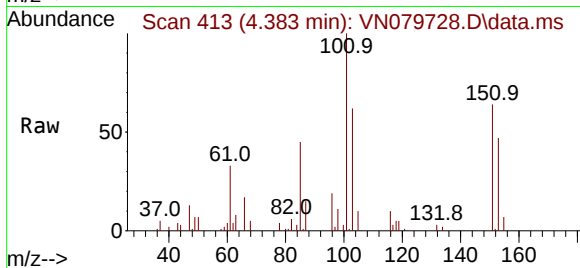
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.834 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion:101 Resp: 60410
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 68.7 57.6 86.4

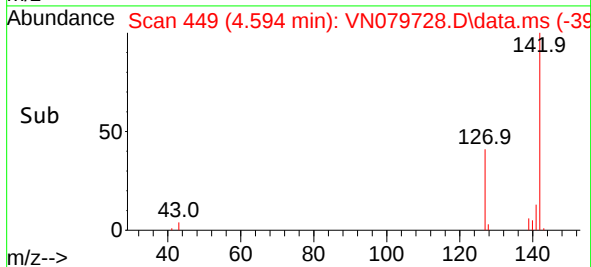
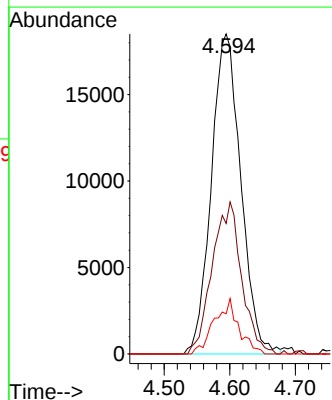
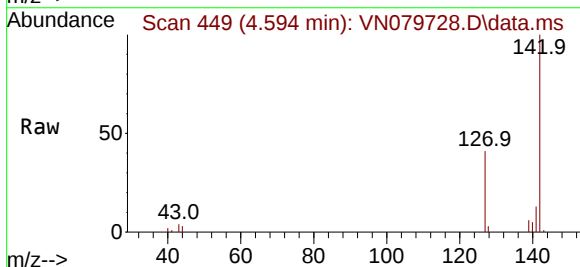
Manual Integrations
APPROVED

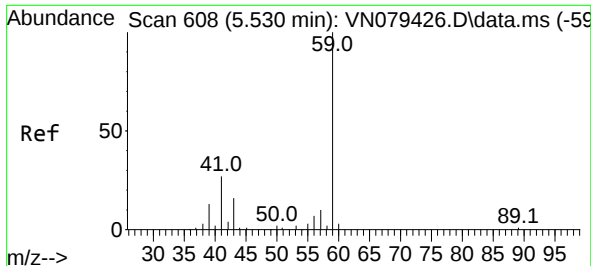
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 17.899 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

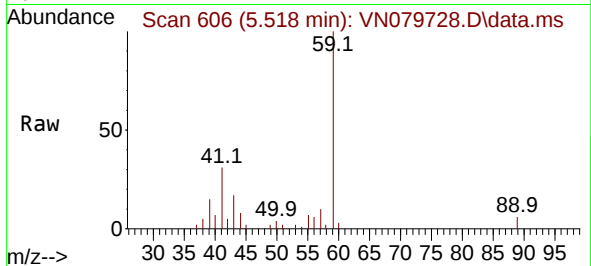
Tgt Ion:142 Resp: 57780
Ion Ratio Lower Upper
142 100
127 40.8 37.6 56.4
141 12.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 78.921 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

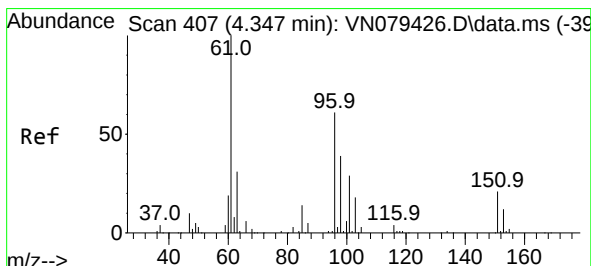
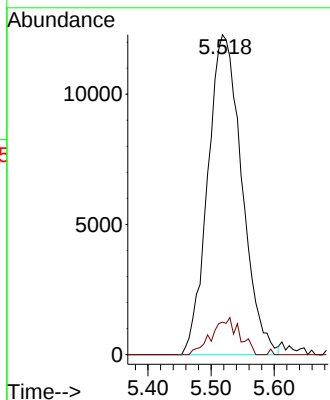
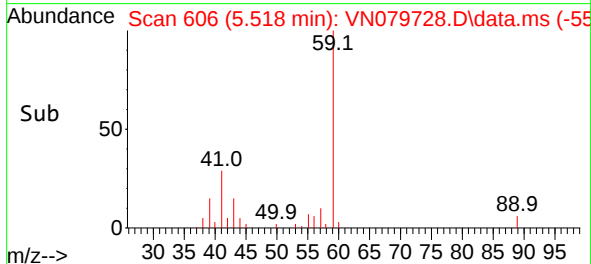
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



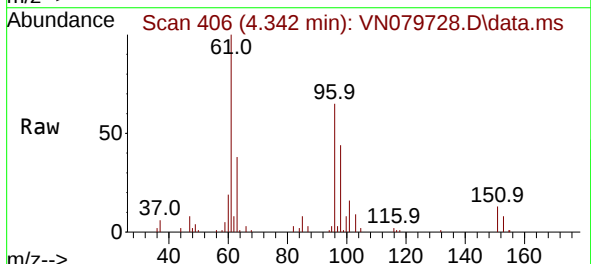
Tgt Ion: 59 Resp: 45960
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4

Manual Integrations
APPROVED

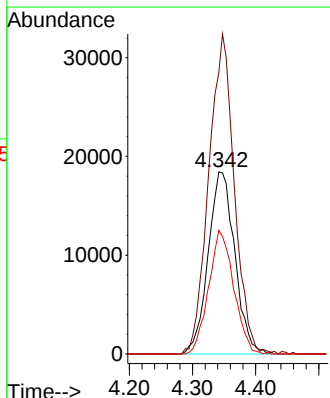
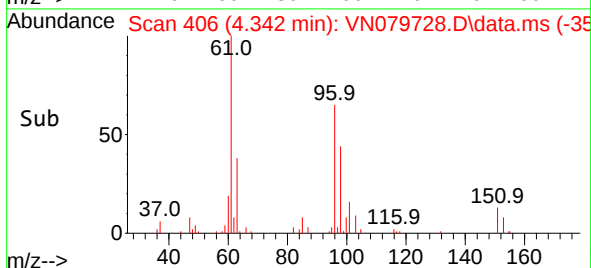
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

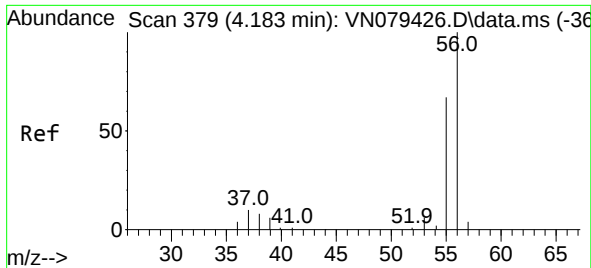


#12
1,1-Dichloroethene
Concen: 17.965 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.005 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



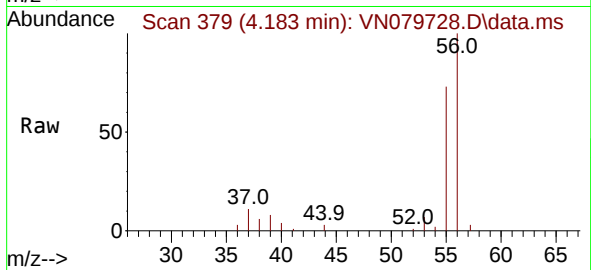
Tgt Ion: 96 Resp: 53973
Ion Ratio Lower Upper
96 100
61 154.5 112.7 169.1
98 67.8 51.2 76.8





#13
Acrolein
Concen: 80.973 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

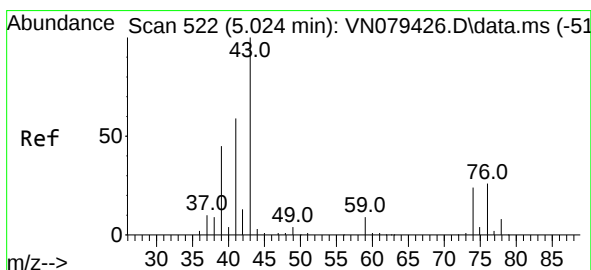
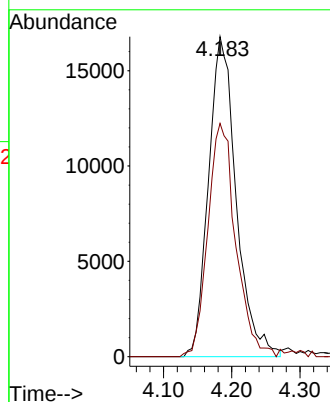
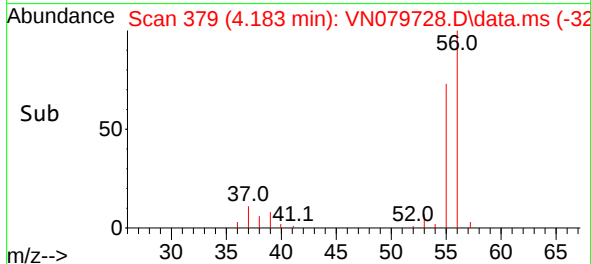
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



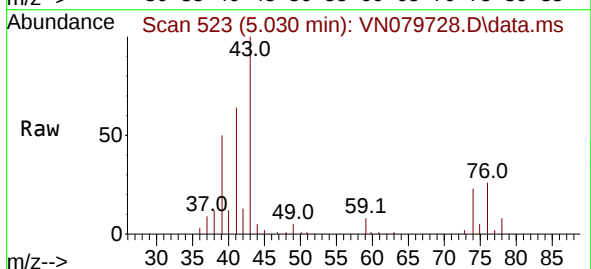
Tgt Ion: 56 Resp: 4744
Ion Ratio Lower Upper
56 100
55 73.3 54.5 81.7

Manual Integrations
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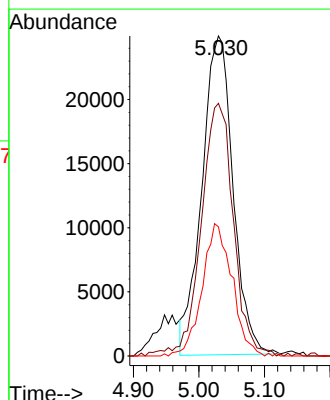
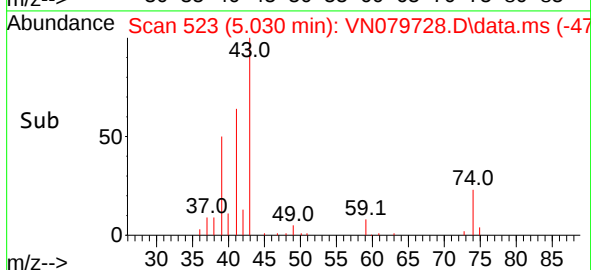
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

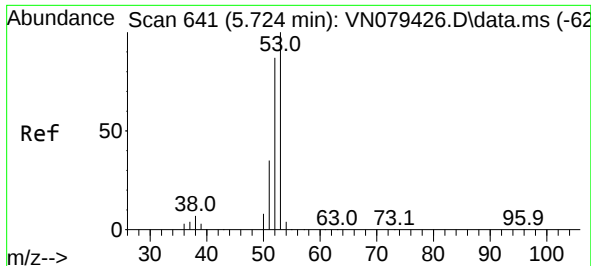


#14
Allyl chloride
Concen: 16.342 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



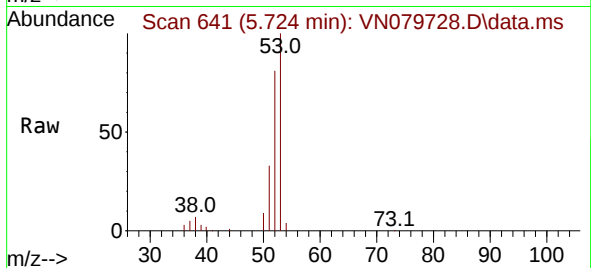
Tgt Ion: 41 Resp: 82334
Ion Ratio Lower Upper
41 100
39 81.6 58.8 88.2
76 39.7 39.1 58.7





#15
Acrylonitrile
Concen: 86.306 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

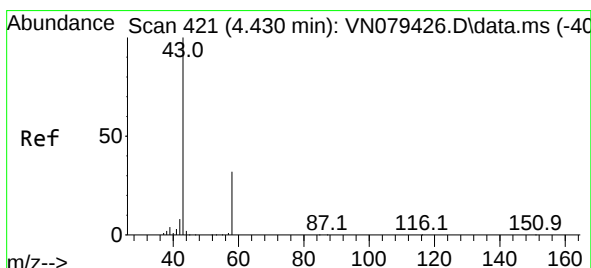
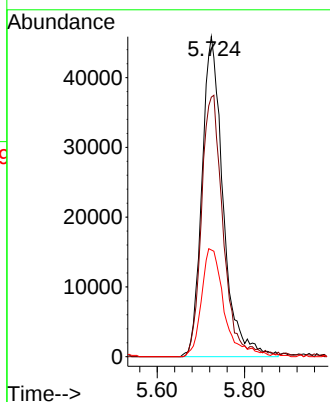
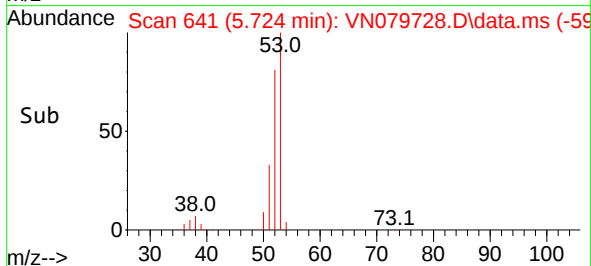
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



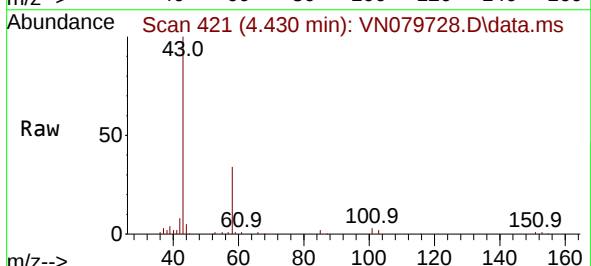
Tgt Ion: 53 Resp: 154678
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

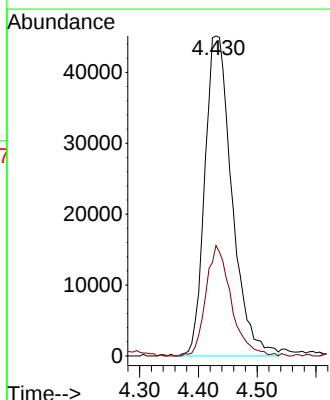
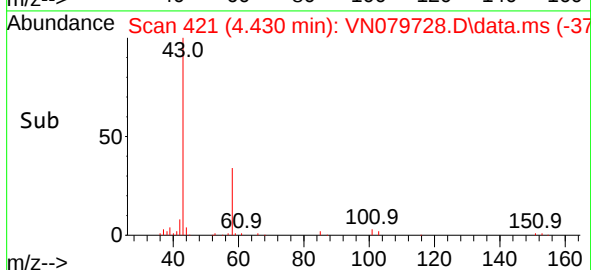
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

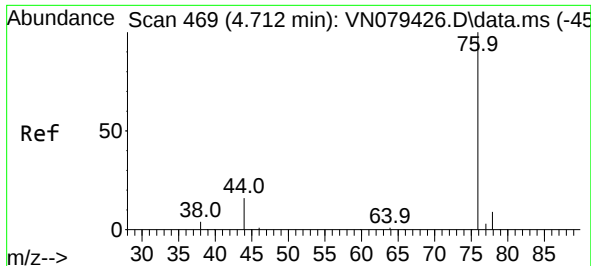


#16
Acetone
Concen: 77.078 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



Tgt Ion: 43 Resp: 144805
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0





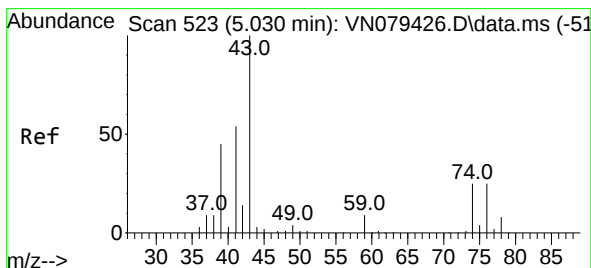
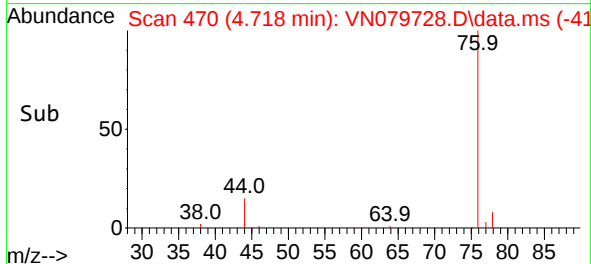
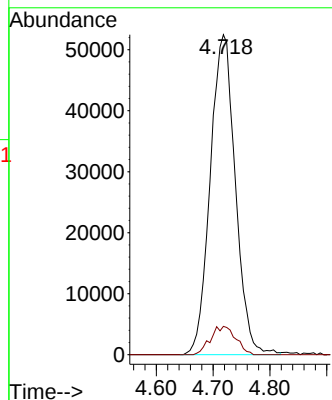
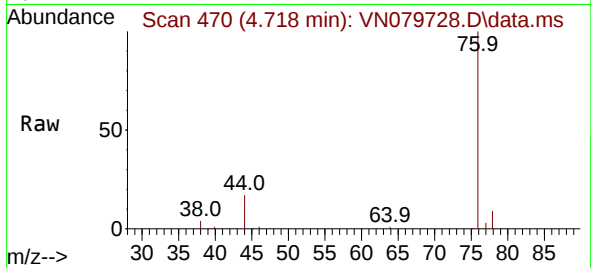
#17
Carbon Disulfide
Concen: 17.569 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 76 Resp: 161184
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

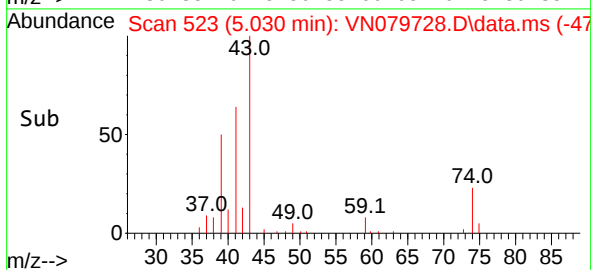
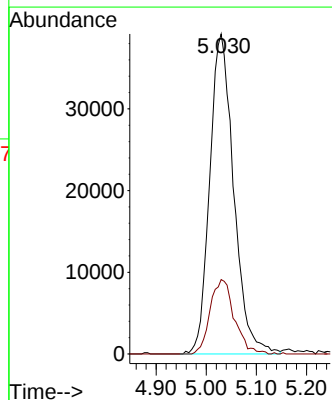
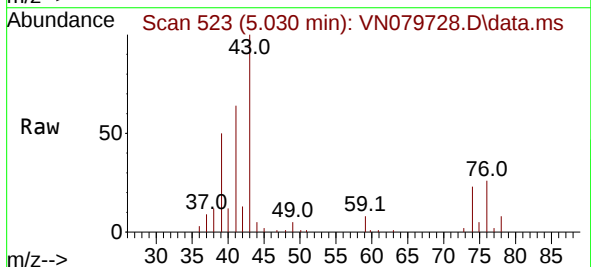
Manual Integrations
APPROVED

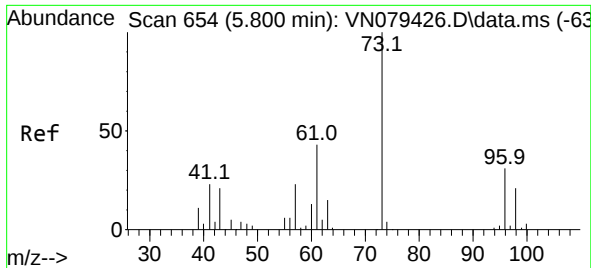
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 17.168 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 43 Resp: 130121
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#





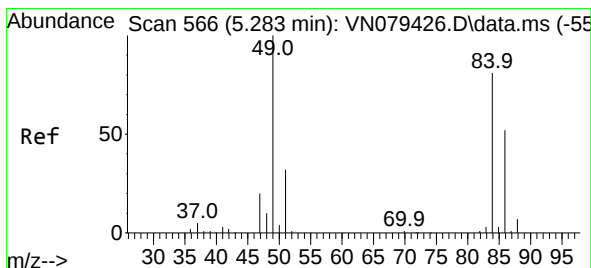
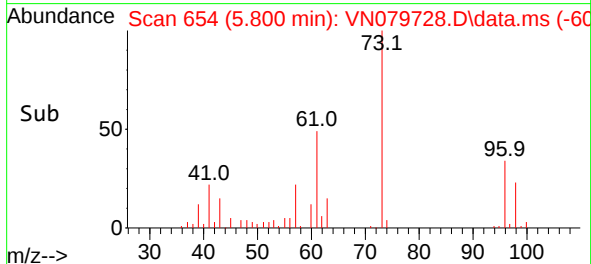
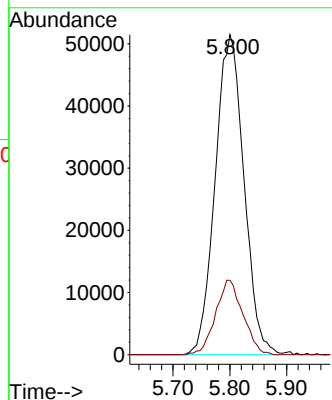
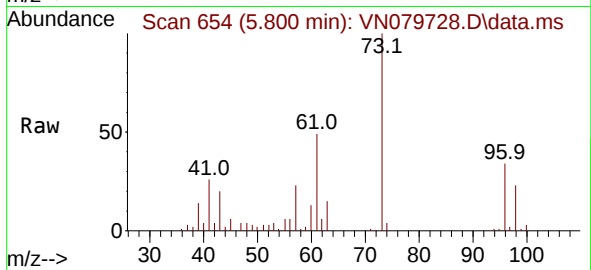
#19
Methyl tert-butyl Ether
Concen: 17.786 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 73 Resp: 180794
Ion Ratio Lower Upper
73 100
57 23.3 15.6 23.4

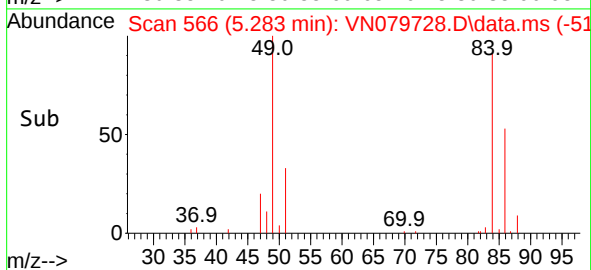
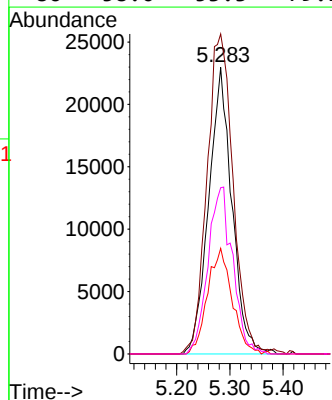
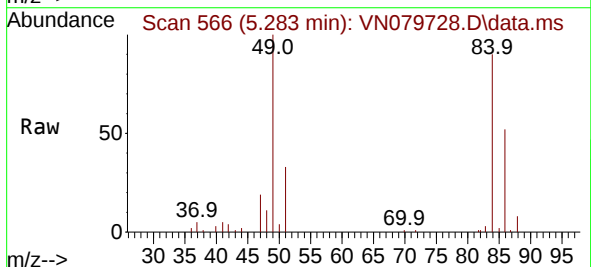
Manual Integrations
APPROVED

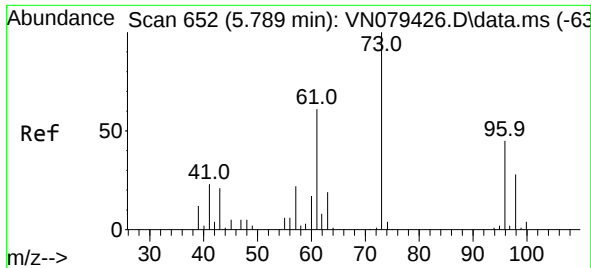
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 18.738 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 84 Resp: 69710
Ion Ratio Lower Upper
84 100
49 111.7 79.7 119.5
51 36.9 25.2 37.8
86 58.0 53.3 79.9





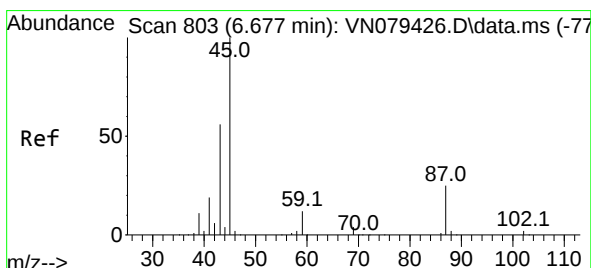
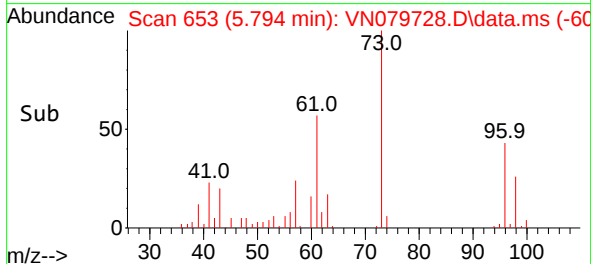
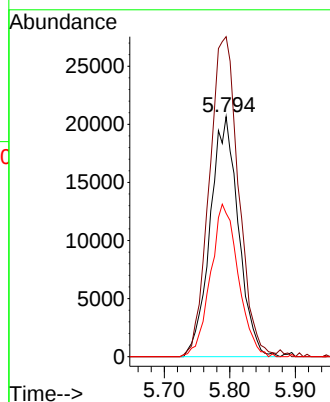
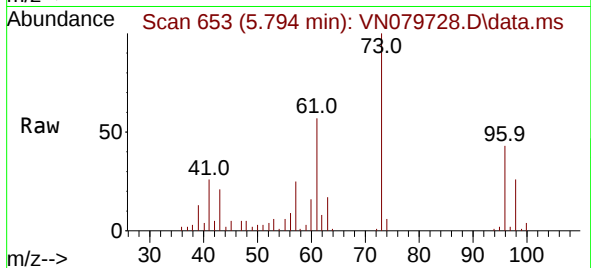
#21
trans-1,2-Dichloroethene
Concen: 18.133 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.005 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 96 Resp: 61835
Ion Ratio Lower Upper
96 100
61 133.3 90.1 135.1
98 59.8 46.4 69.6

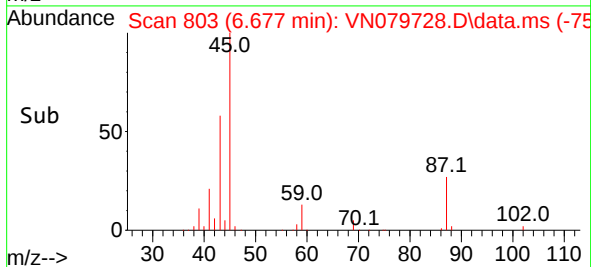
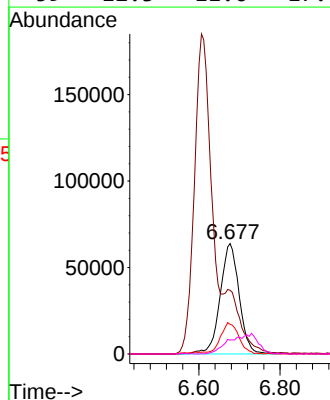
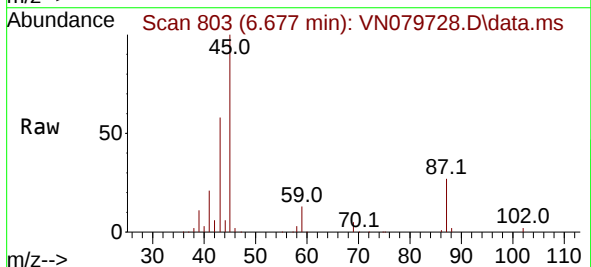
Manual Integrations
APPROVED

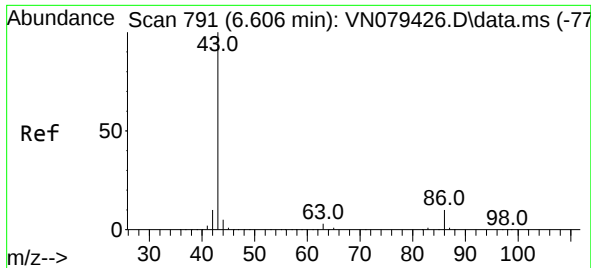
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#22
Diisopropyl ether
Concen: 18.383 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 45 Resp: 208219
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 26.9 31.8 47.8#
59 12.3 11.6 17.4





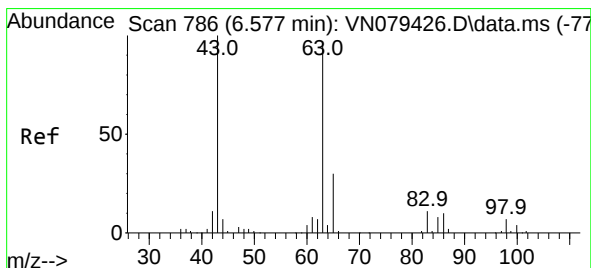
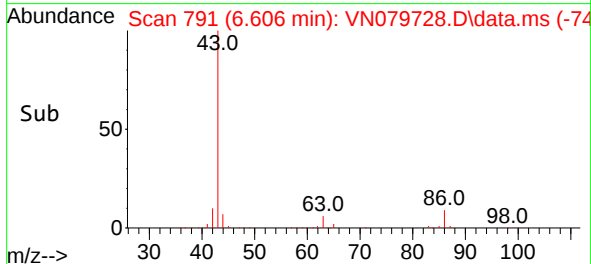
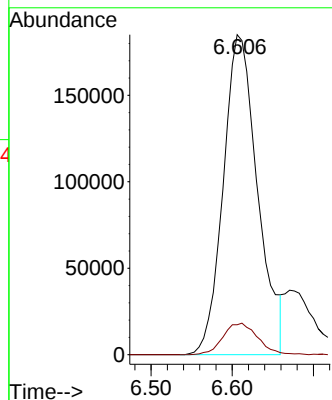
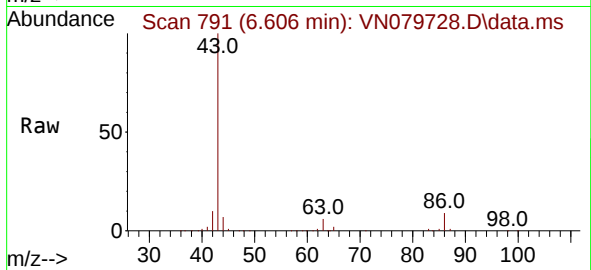
#23
 Vinyl Acetate
 Concen: 87.194 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01

Tgt Ion: 43 Resp: 543750
 Ion Ratio Lower Upper
 43 100
 86 9.4 13.0 19.6

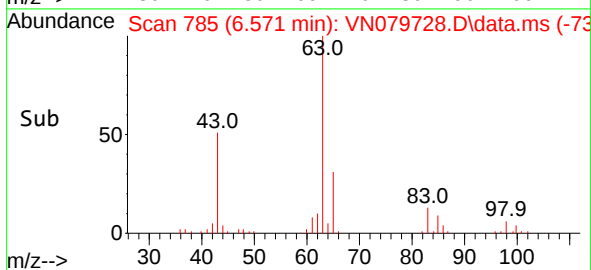
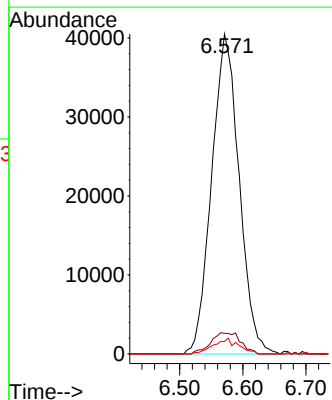
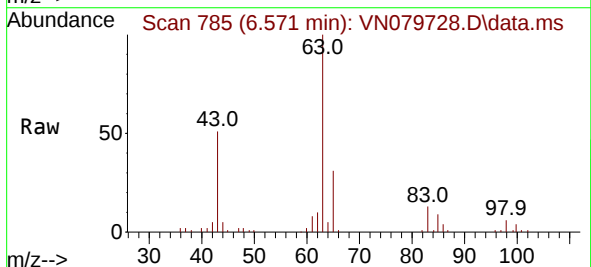
Manual Integrations
 APPROVED

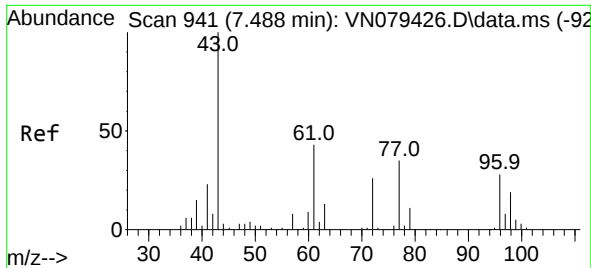
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 18.024 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

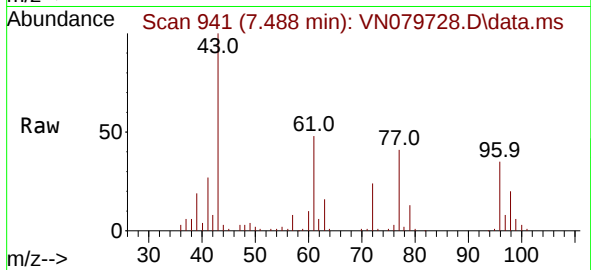
Tgt Ion: 63 Resp: 122336
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 82.619 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

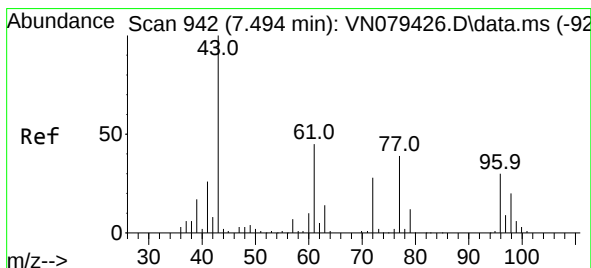
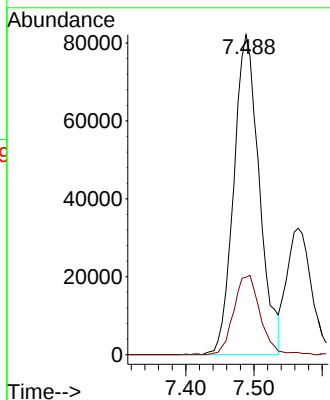
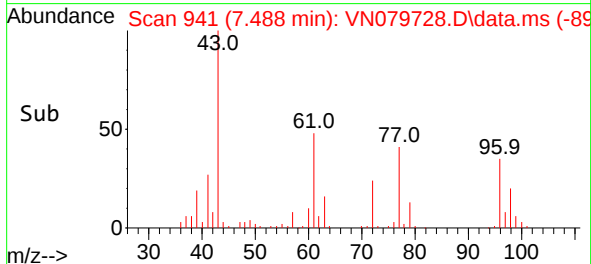
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



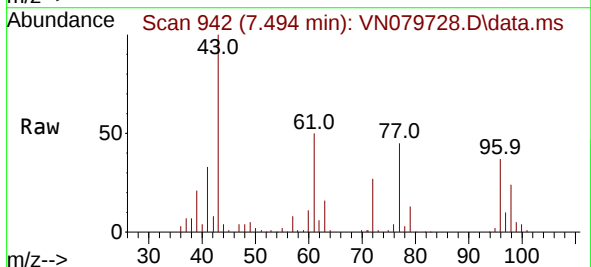
Tgt Ion: 43 Resp: 213204
Ion Ratio Lower Upper
43 100
72 24.2 30.2 45.2

Manual Integrations
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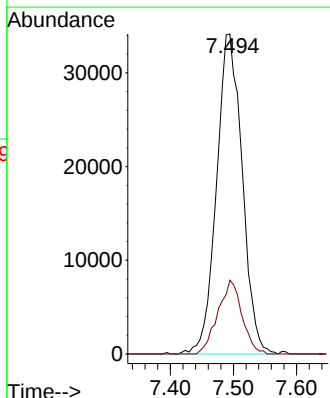
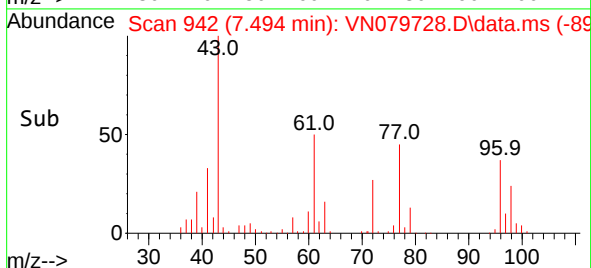
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

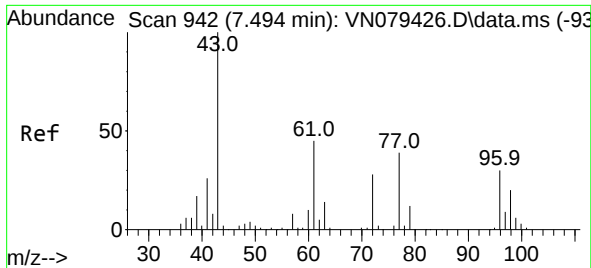


#26
2,2-Dichloropropane
Concen: 17.545 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



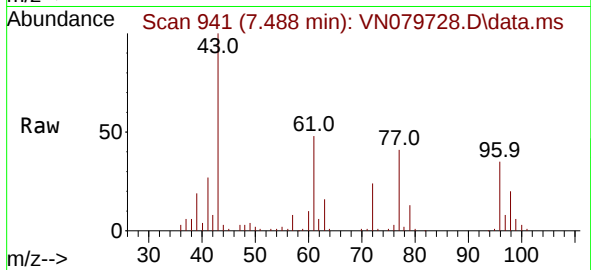
Tgt Ion: 77 Resp: 96360
Ion Ratio Lower Upper
77 100
97 21.6 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.152 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

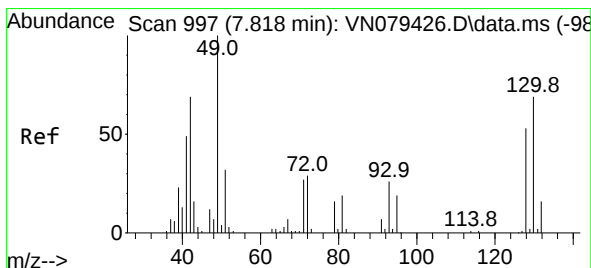
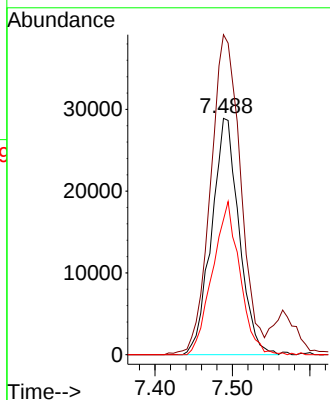
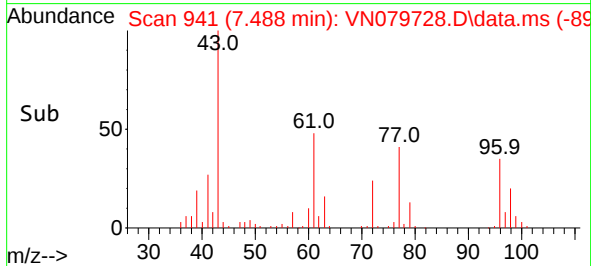
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01



Tgt Ion: 96 Resp: 71270
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 255.2
 98 64.4 0.0 128.8

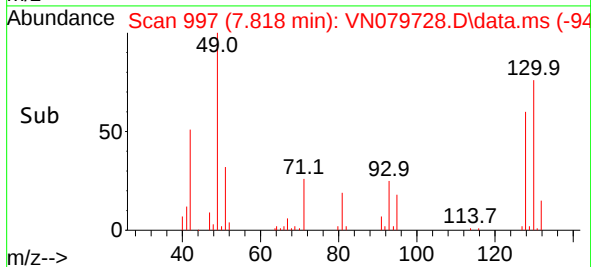
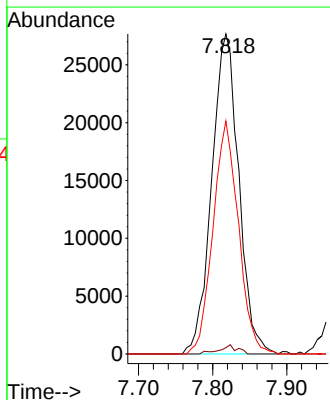
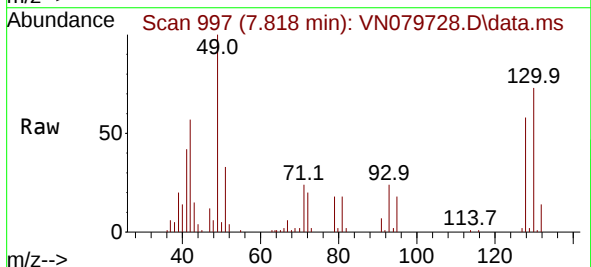
Manual Integrations
 APPROVED

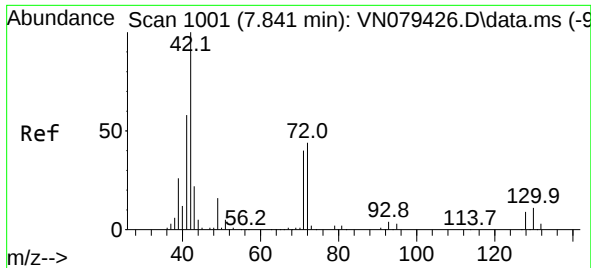
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#28
 Bromochloromethane
 Concen: 21.114 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

Tgt Ion: 49 Resp: 70095
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 87.111 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion: 42 Resp: 137334

Ion Ratio Lower Upper

42 100

72 44.5 49.8 74.6

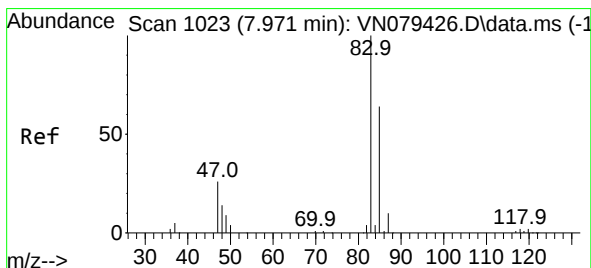
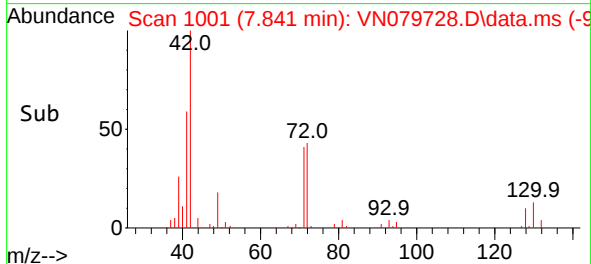
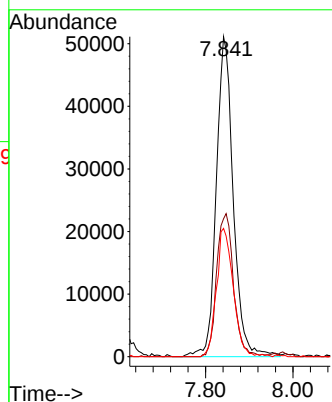
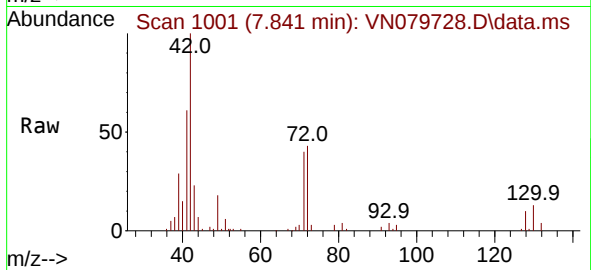
71 39.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 18.215 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079728.D

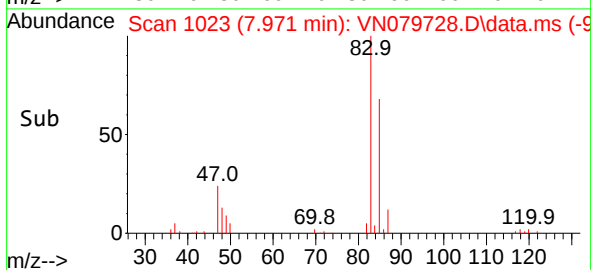
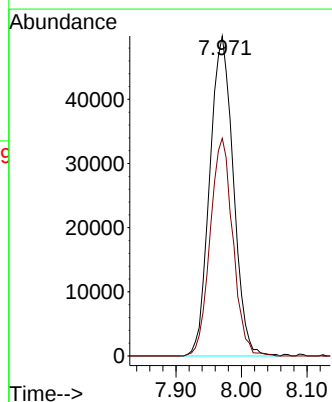
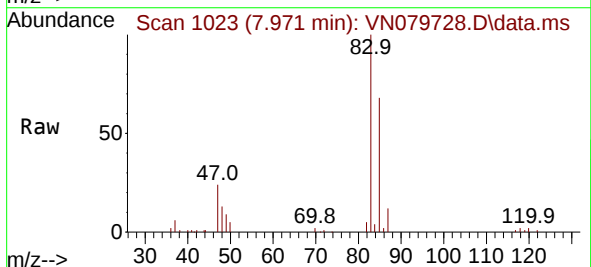
Acq: 30 Oct 2023 17:31

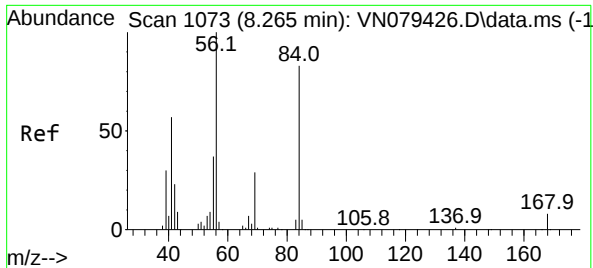
Tgt Ion: 83 Resp: 124492

Ion Ratio Lower Upper

83 100

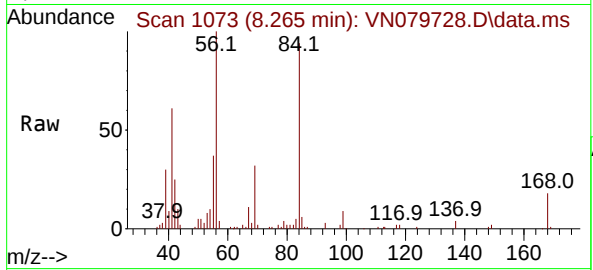
85 68.0 55.4 83.0





#31
Cyclohexane
Concen: 17.493 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

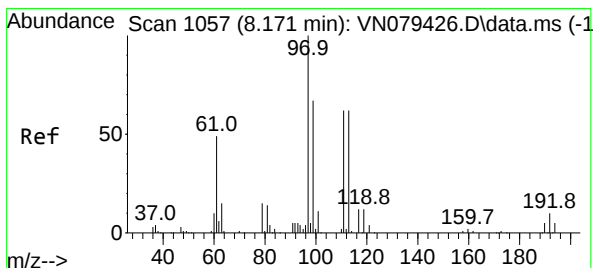
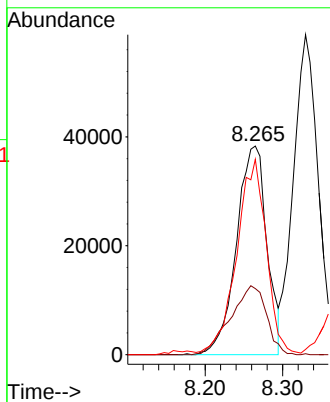
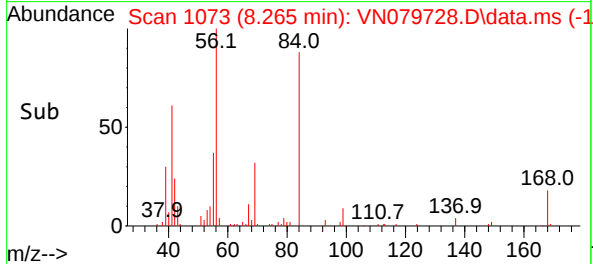
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



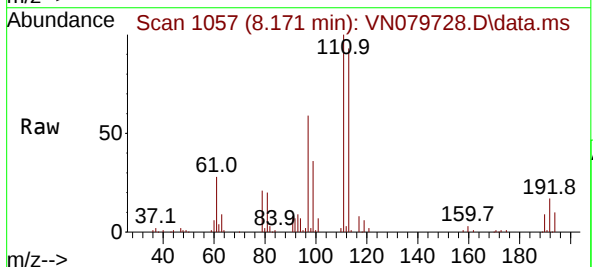
Tgt Ion: 56 Resp: 104798
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 92.0 81.8 122.6

Manual Integrations
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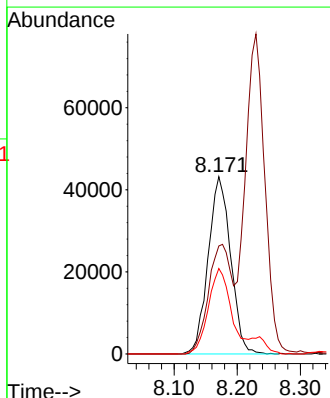
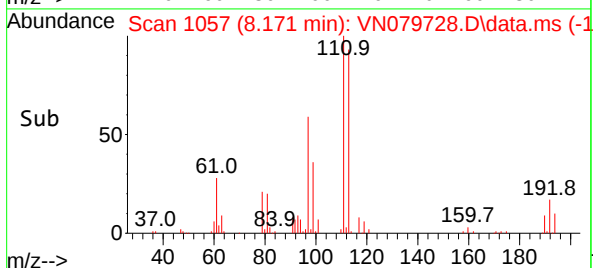
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

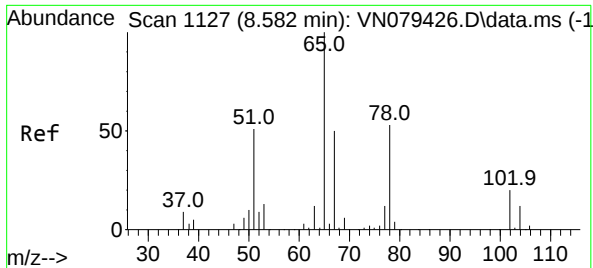


#32
1,1,1-Trichloroethane
Concen: 18.024 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



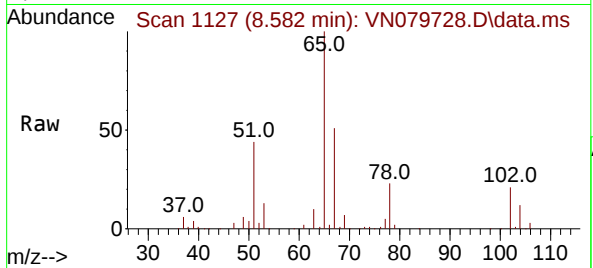
Tgt Ion: 97 Resp: 106790
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 49.5 34.7 52.1





#33
 1,2-Dichloroethane-d4
 Concen: 48.833 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

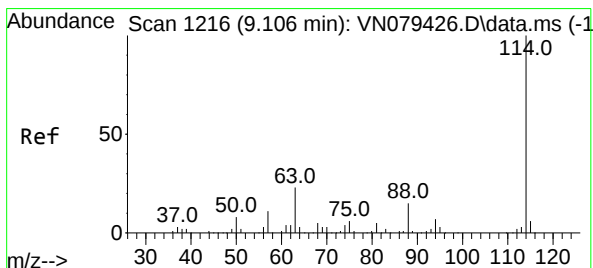
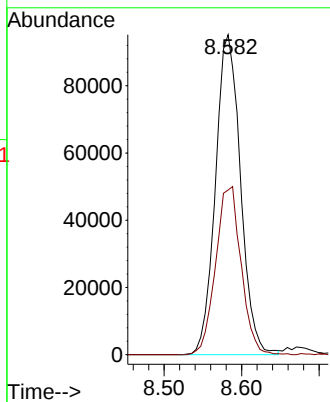
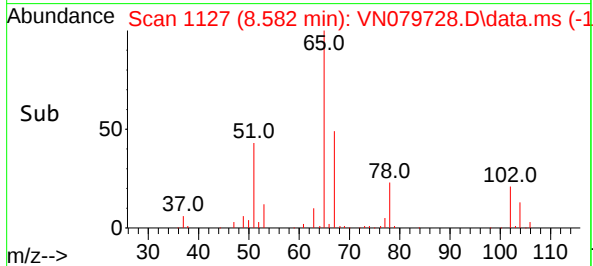
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01



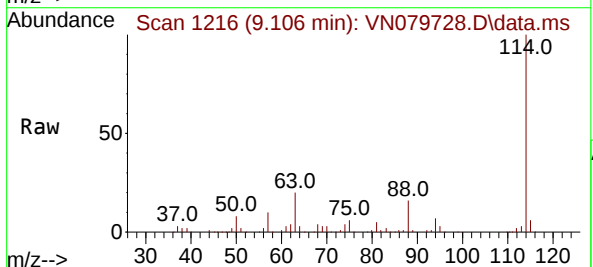
Tgt Ion: 65 Resp: 21443
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6

Manual Integrations
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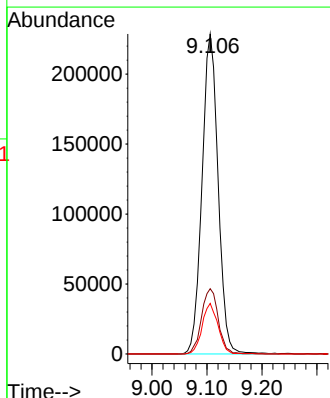
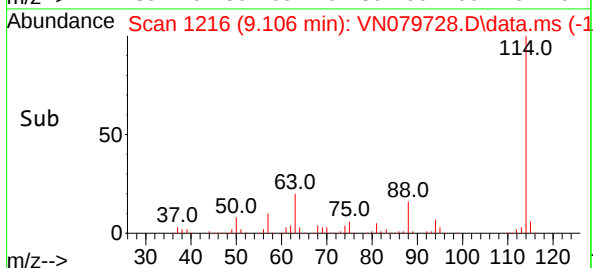
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023

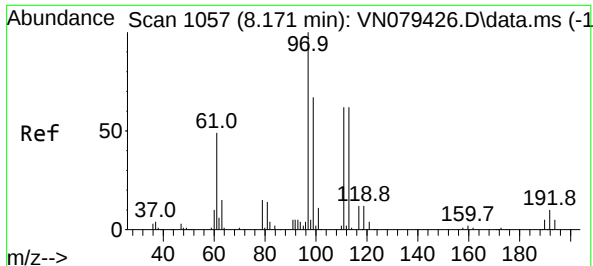


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31



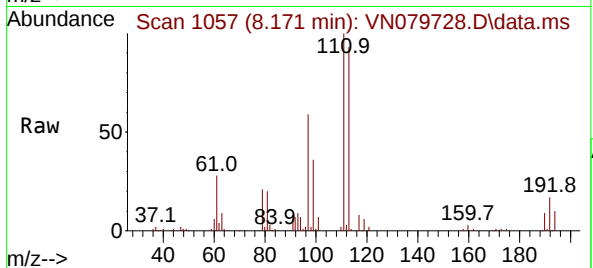
Tgt Ion:114 Resp: 464840
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.4
 88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

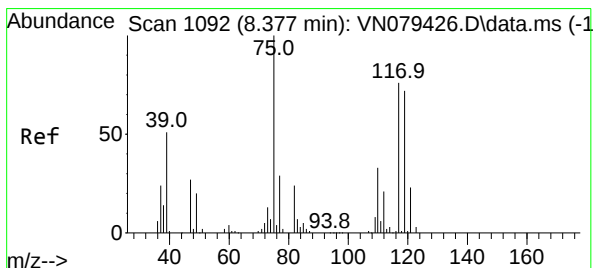
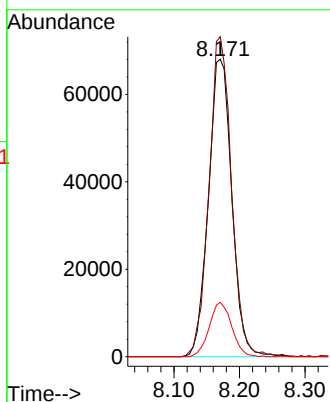
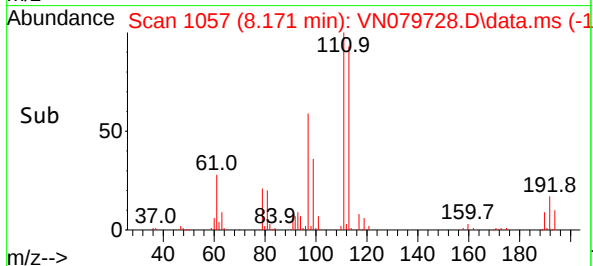
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion:113 Resp: 168554
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.5 12.7 19.1

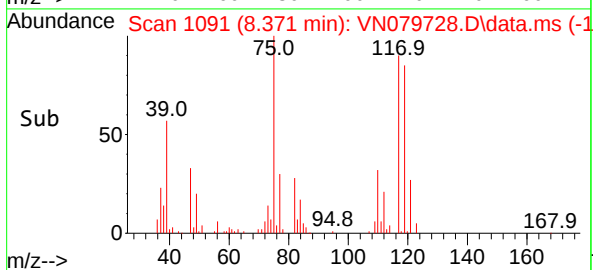
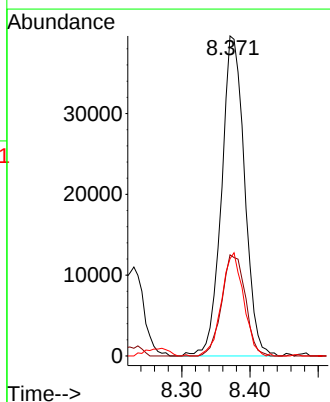
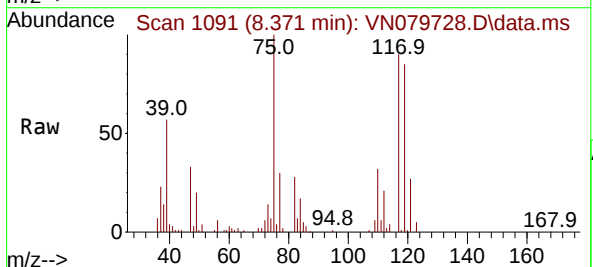
Manual Integrations
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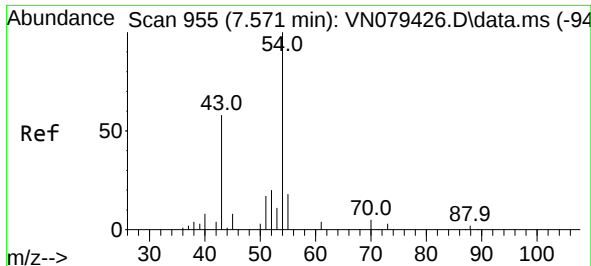
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#36
1,1-Dichloropropene
Concen: 18.878 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 75 Resp: 93021
Ion Ratio Lower Upper
75 100
110 32.3 19.1 57.3
77 30.9 25.0 37.4





#37

Ethyl Acetate

Concen: 17.169 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion: 43 Resp: 8385

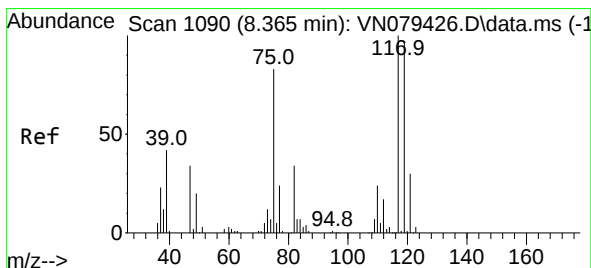
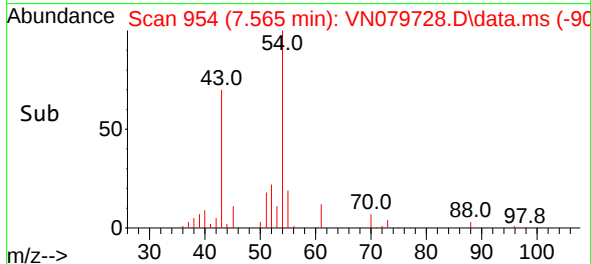
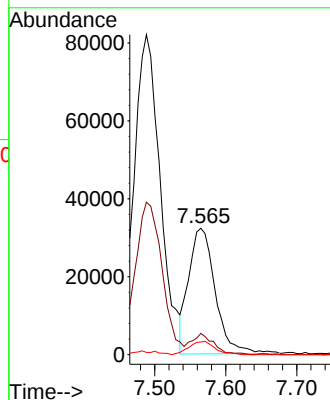
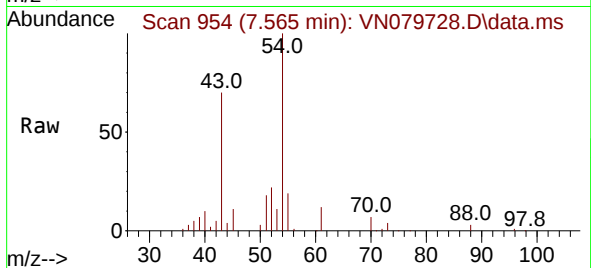
Ion	Ratio	Lower	Upper
43	100		
61	14.1	13.2	19.8
70	10.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 18.733 ug/l

RT: 8.365 min Scan# 1090

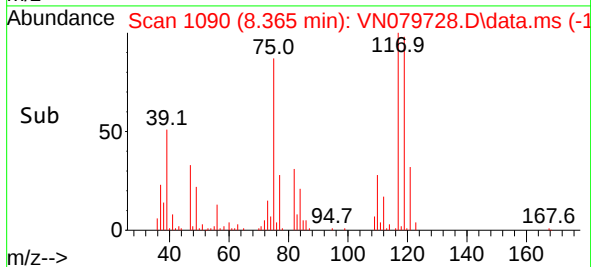
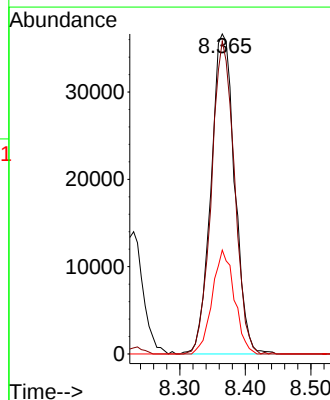
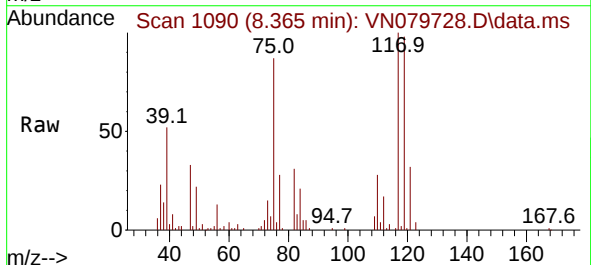
Delta R.T. -0.000 min

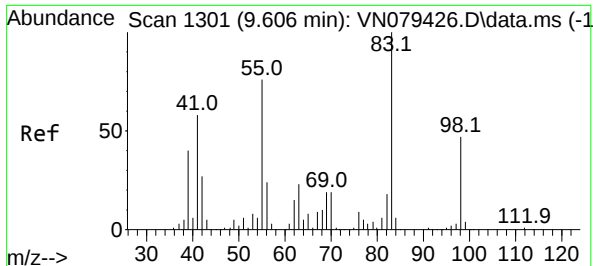
Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Tgt Ion:117 Resp: 92050

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.3	115.9
121	32.5	23.3	34.9





#39

Methylcyclohexane

Concen: 17.984 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion: 83 Resp: 8814

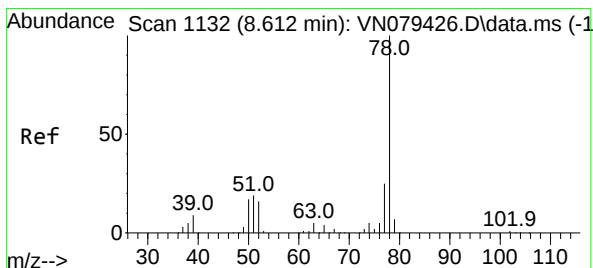
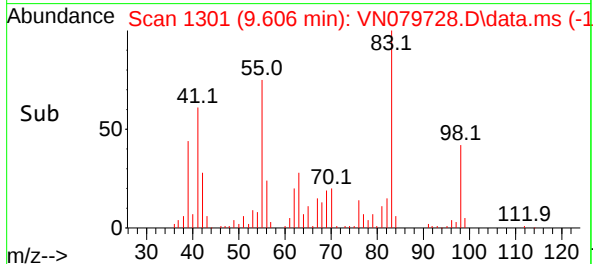
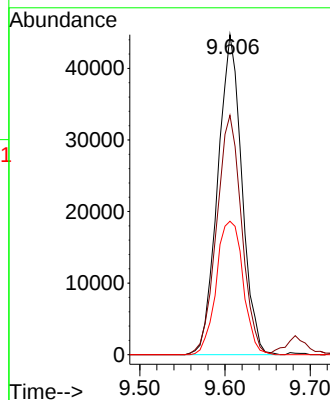
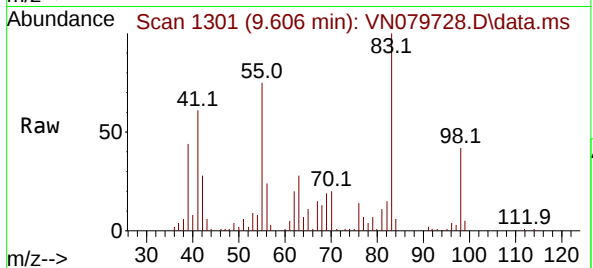
Ion	Ratio	Lower	Upper
83	100		
55	74.8	49.1	73.7
98	41.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#40

Benzene

Concen: 19.312 ug/l

RT: 8.612 min Scan# 1132

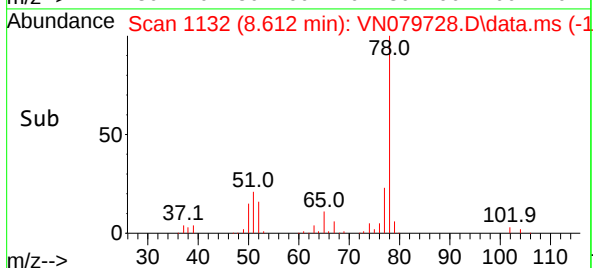
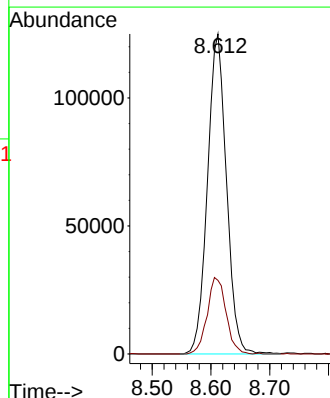
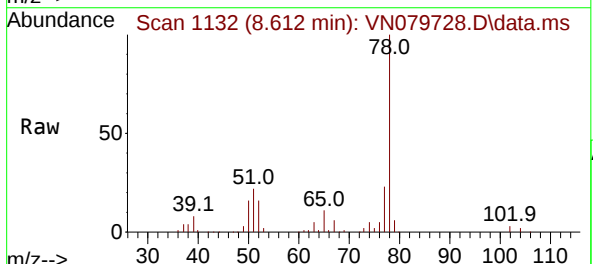
Delta R.T. -0.000 min

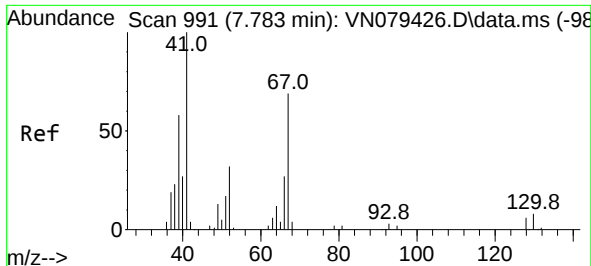
Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Tgt Ion: 78 Resp: 280851

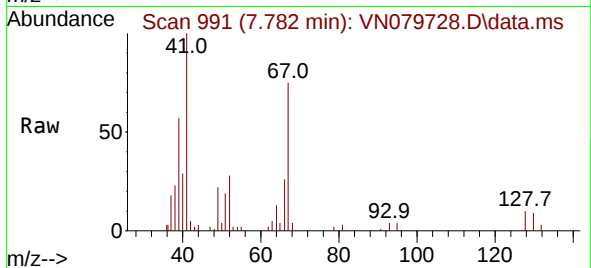
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





#41
Methacrylonitrile
Concen: 16.788 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.001 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

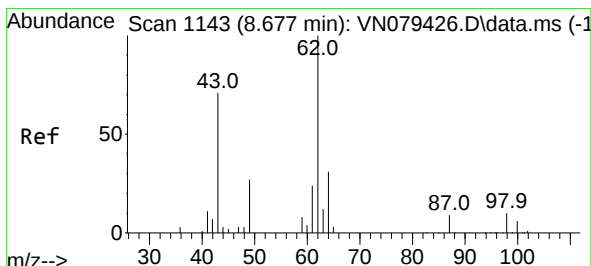
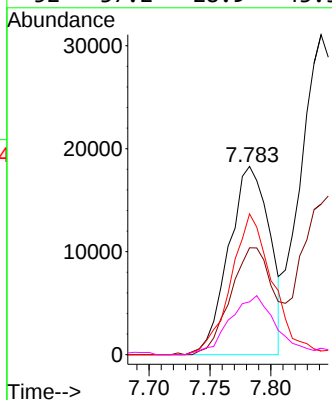
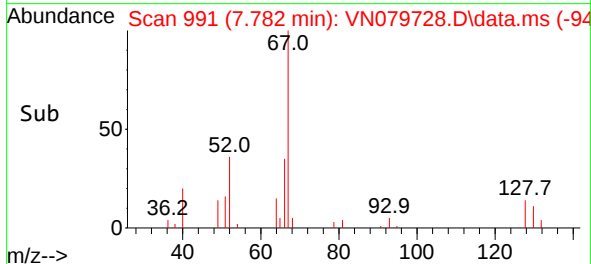
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion: 41 Resp: 4276
Ion Ratio Lower Upper
41 100
39 61.0 42.6 64.0
67 77.3 77.5 116.3
52 37.2 28.9 43.3

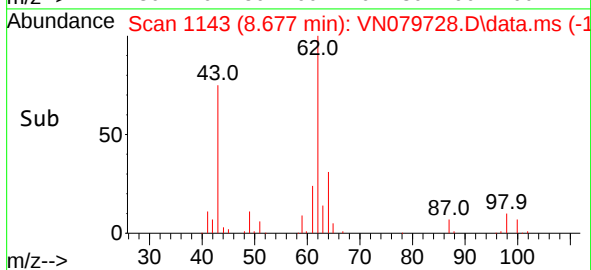
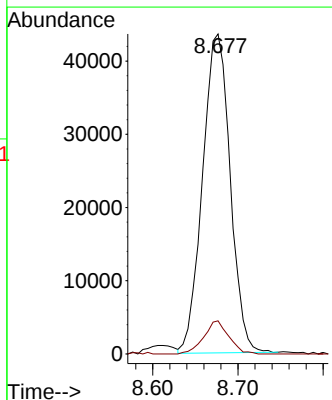
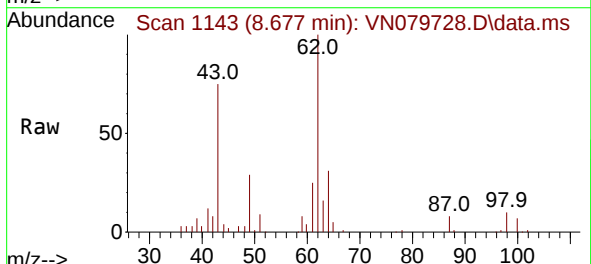
Manual Integrations
APPROVED

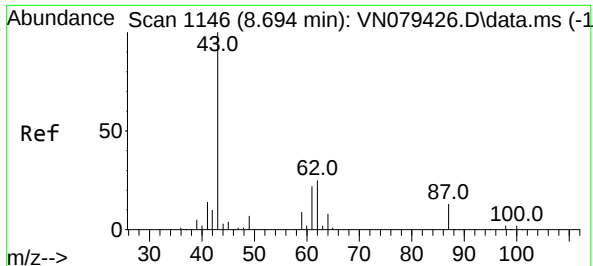
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 18.588 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

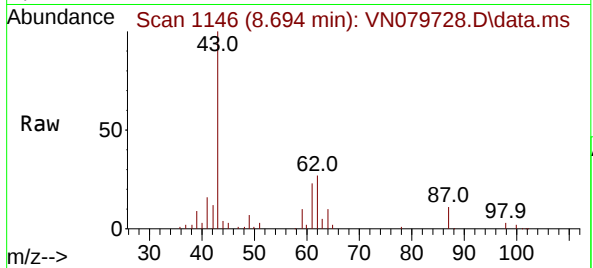
Tgt Ion: 62 Resp: 98184
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.383 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

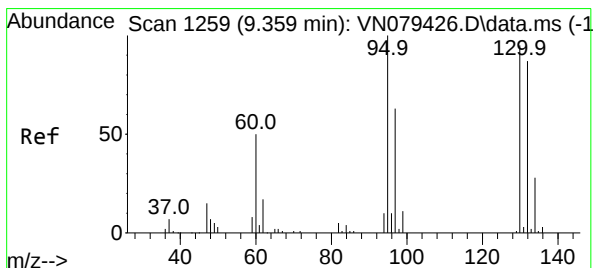
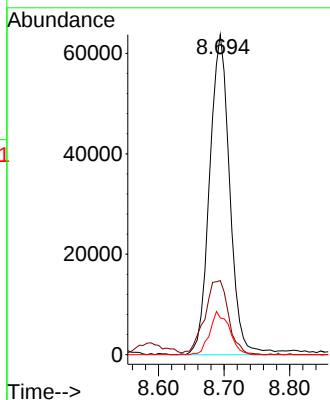
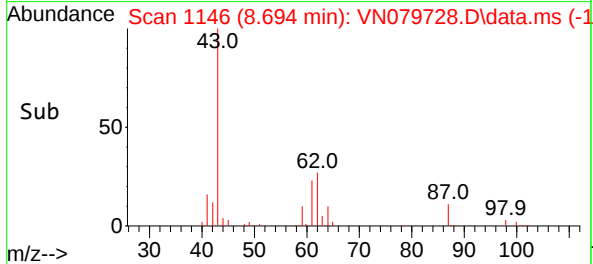
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



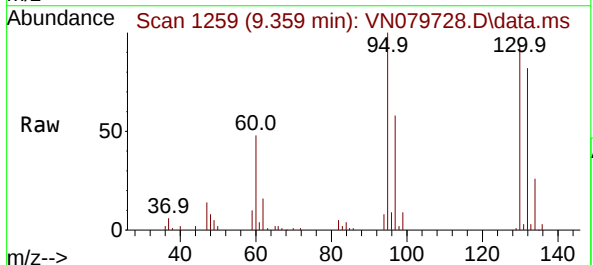
Tgt Ion: 43 Resp: 13572
Ion Ratio Lower Upper
43 100
61 27.6 24.7 37.1
87 13.1 14.6 21.8

Manual Integrations
APPROVED

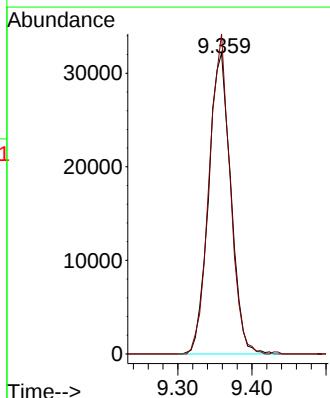
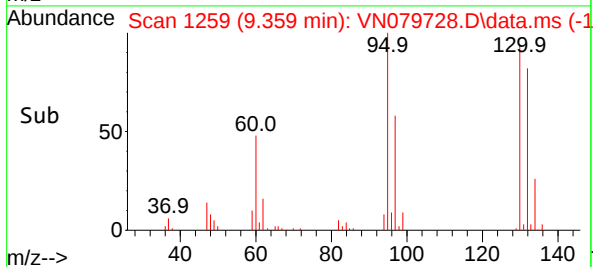
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

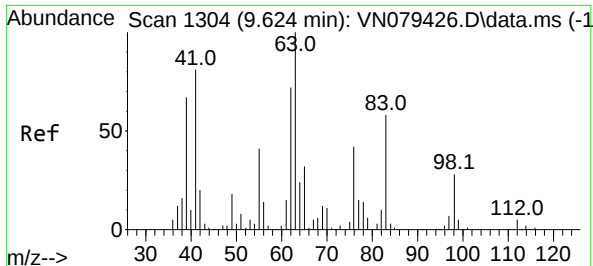


#44
Trichloroethene
Concen: 18.954 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



Tgt Ion:130 Resp: 66772
Ion Ratio Lower Upper
130 100
95 106.3 0.0 204.6





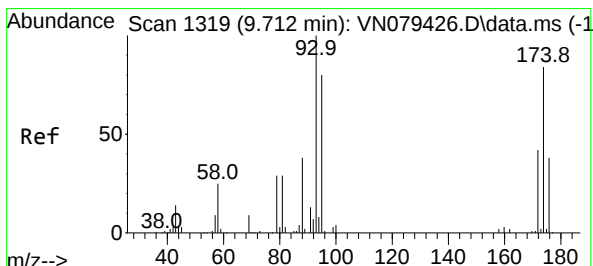
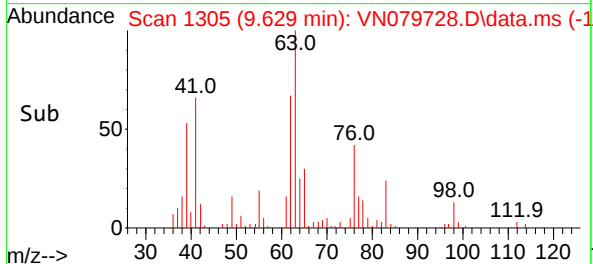
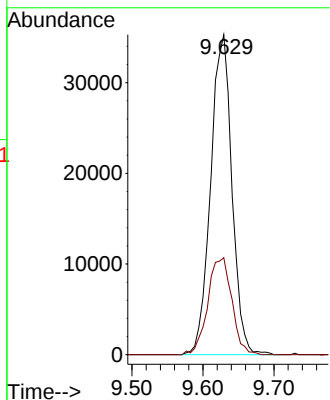
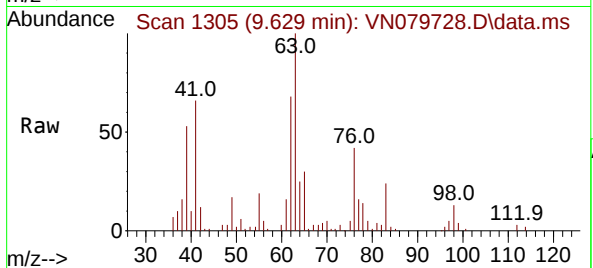
#45
1,2-Dichloropropane
Concen: 18.995 ug/l
RT: 9.629 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 63 Resp: 73369
Ion Ratio Lower Upper
63 100
65 30.3 23.9 35.9

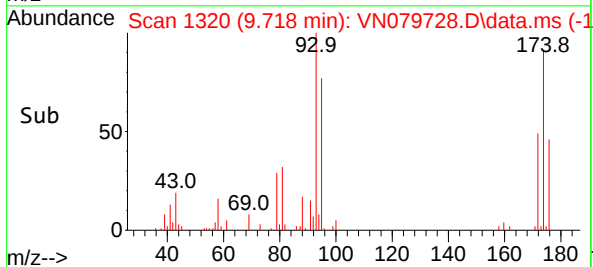
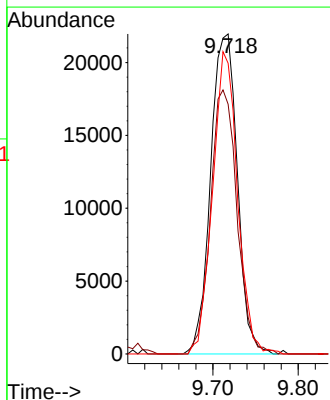
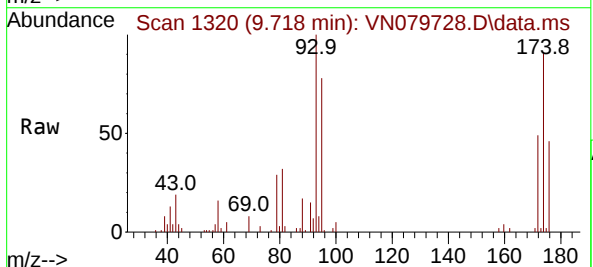
Manual Integrations
APPROVED

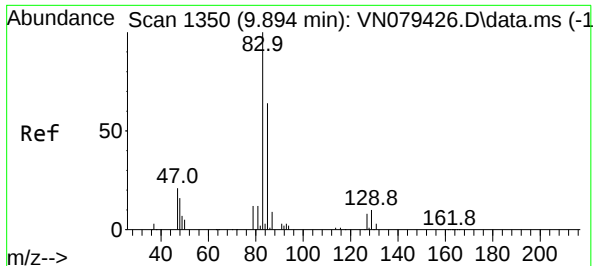
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#46
Dibromomethane
Concen: 18.313 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 93 Resp: 47707
Ion Ratio Lower Upper
93 100
95 82.4 63.8 95.8
174 88.9 65.6 98.4





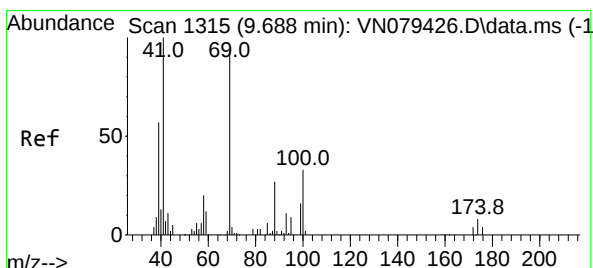
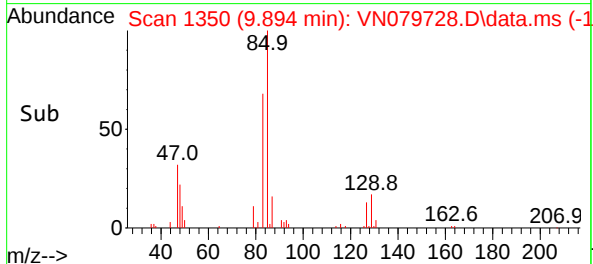
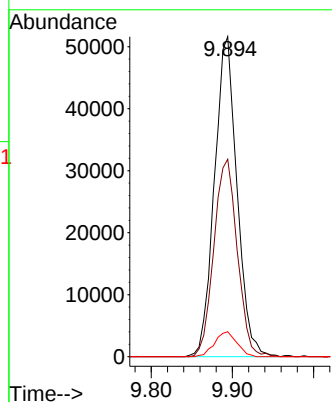
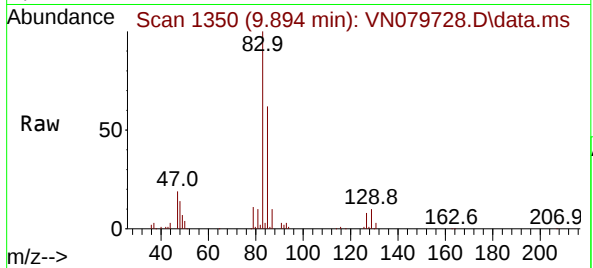
#47
Bromodichloromethane
Concen: 19.080 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 83 Resp: 9971
Ion Ratio Lower Upper
83 100
85 61.7 49.6 74.4
127 7.8 7.0 10.6

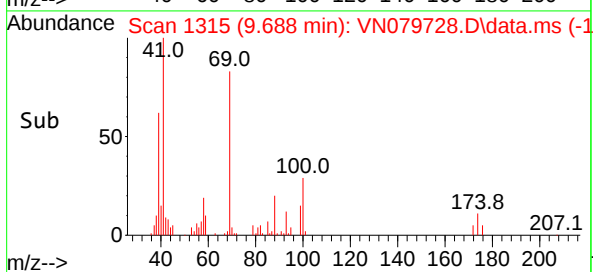
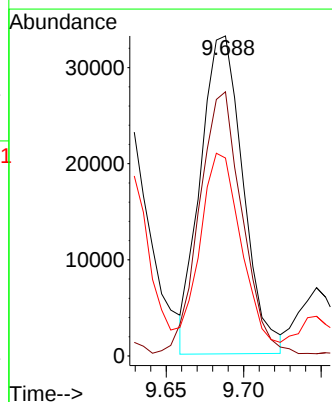
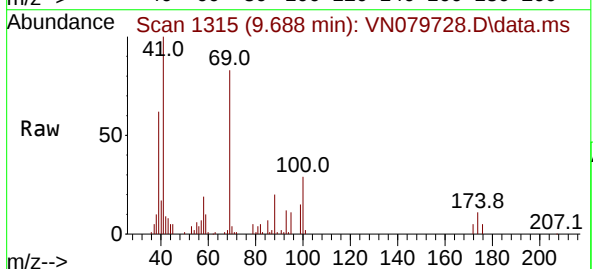
Manual Integrations
APPROVED

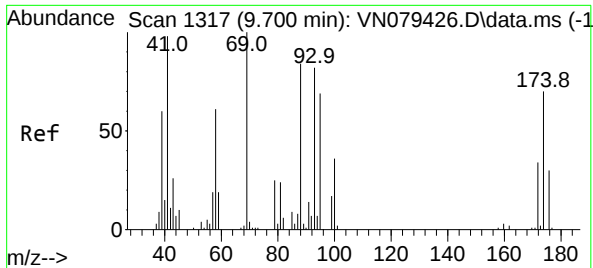
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 17.484 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

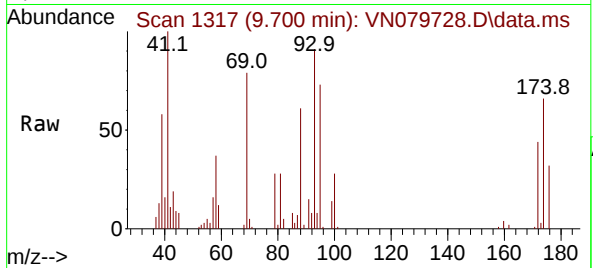
Tgt Ion: 41 Resp: 63292
Ion Ratio Lower Upper
41 100
69 83.0 90.4 135.6#
39 64.8 54.6 81.8





#49
1,4-Dioxane
Concen: 345.591 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

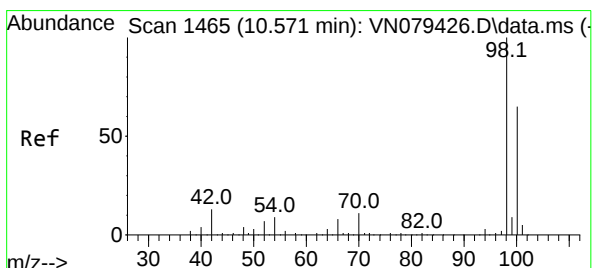
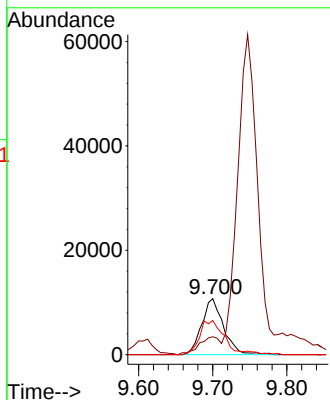
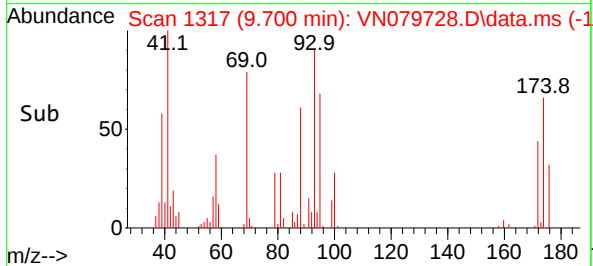
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion: 88 Resp: 22015
Ion Ratio Lower Upper
88 100
43 30.8 17.0 25.6
58 70.6 47.0 70.4

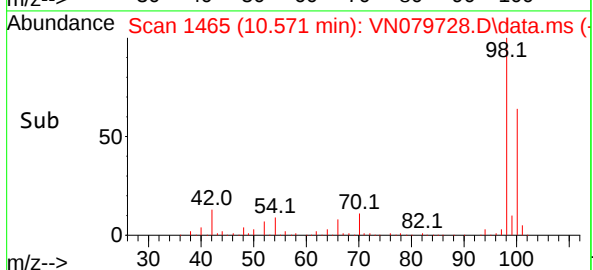
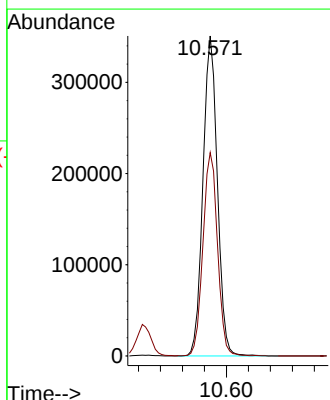
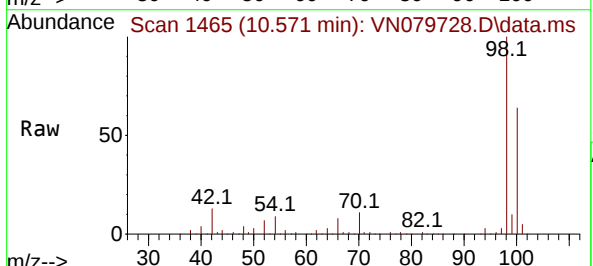
Manual Integrations
APPROVED

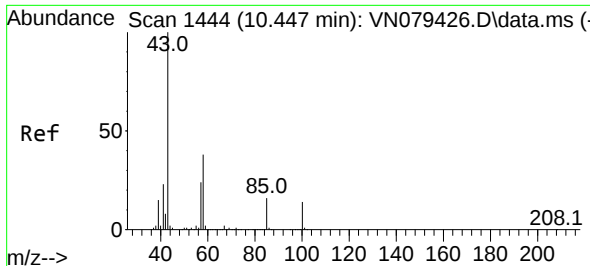
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#50
Toluene-d8
Concen: 51.557 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

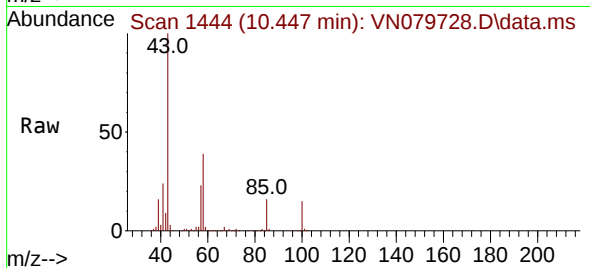
Tgt Ion: 98 Resp: 638384
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 87.870 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

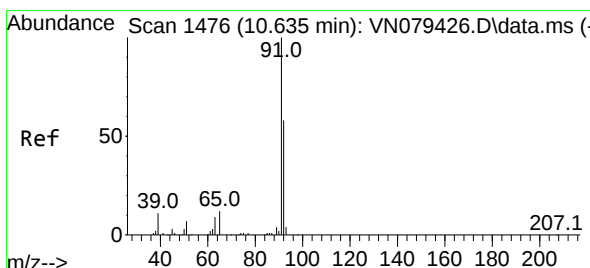
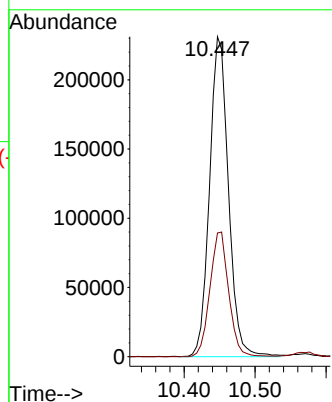
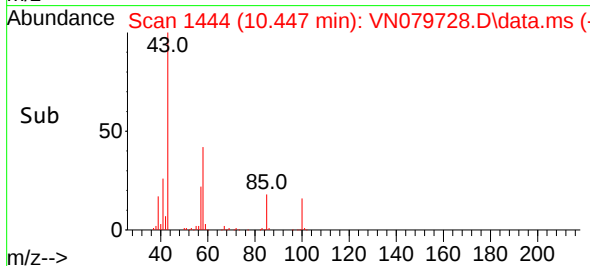
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



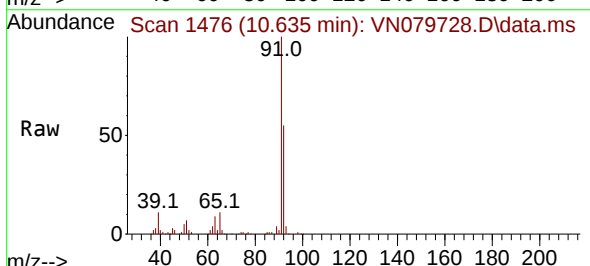
Tgt Ion: 43 Resp: 426900
Ion Ratio Lower Upper
43 100
58 38.7 36.6 54.8

Manual Integrations
APPROVED

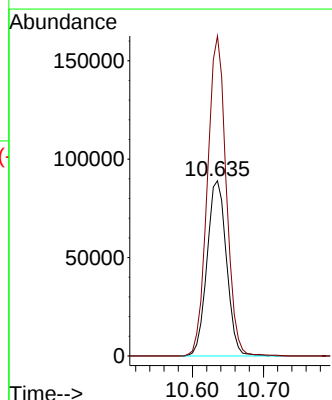
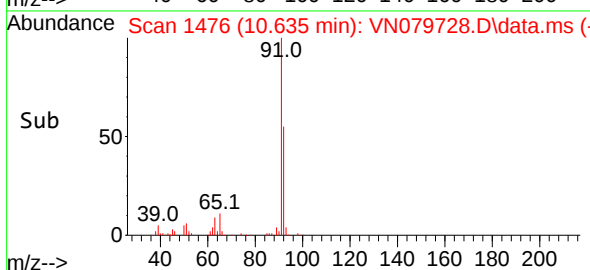
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

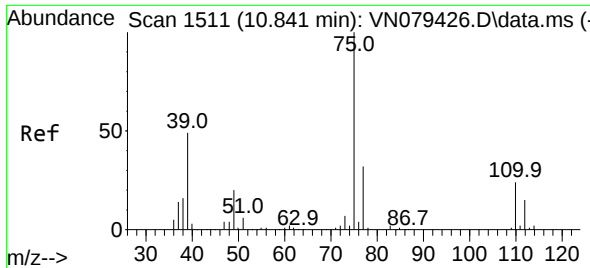


#52
Toluene
Concen: 19.074 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



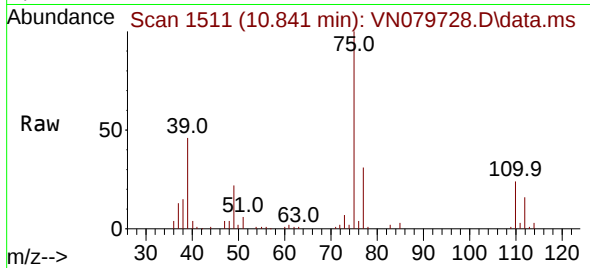
Tgt Ion: 92 Resp: 169347
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 17.866 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

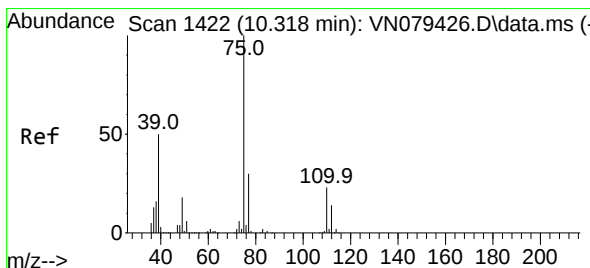
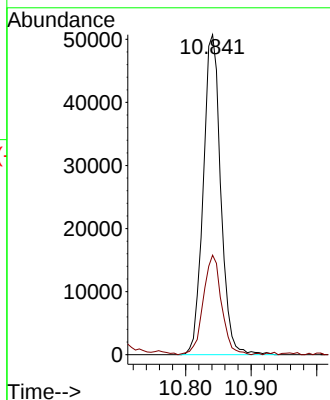
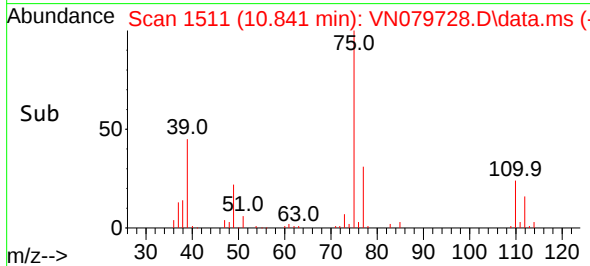
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01



Tgt Ion: 75 Resp: 94285
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0

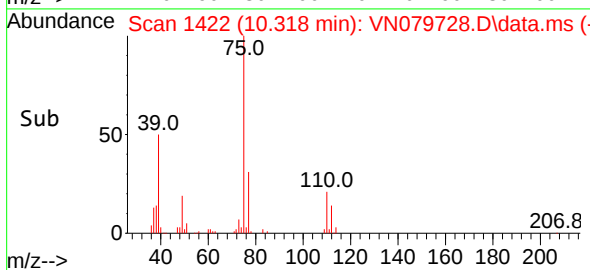
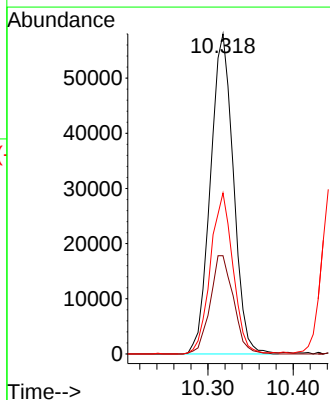
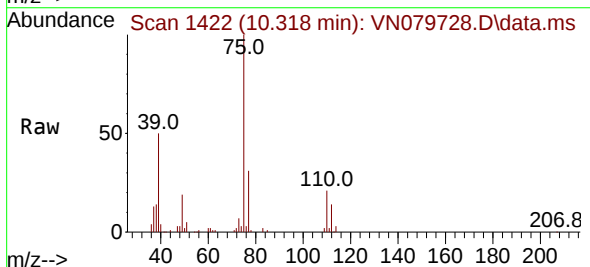
Manual Integrations
 APPROVED

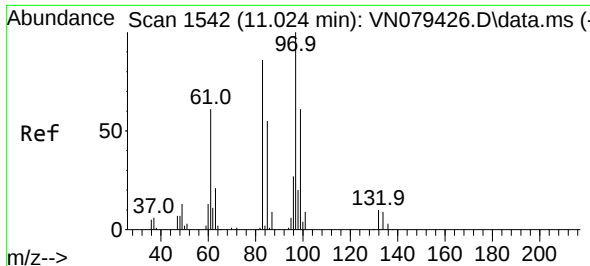
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 18.845 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

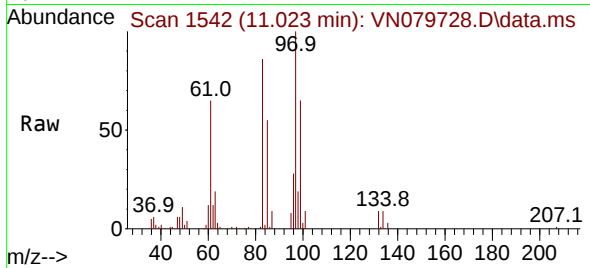
Tgt Ion: 75 Resp: 108808
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 50.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.565 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.001 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

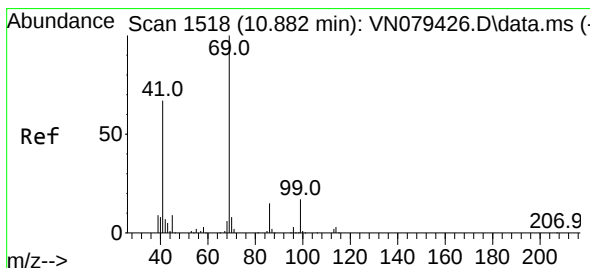
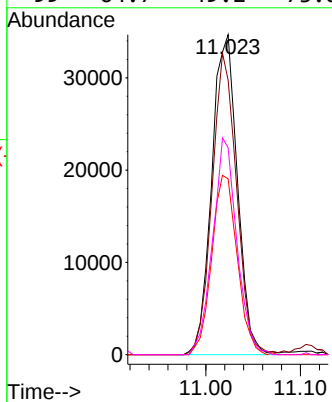
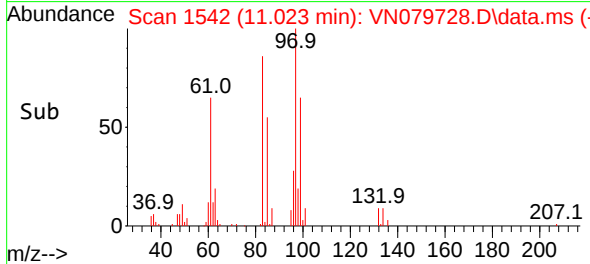
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



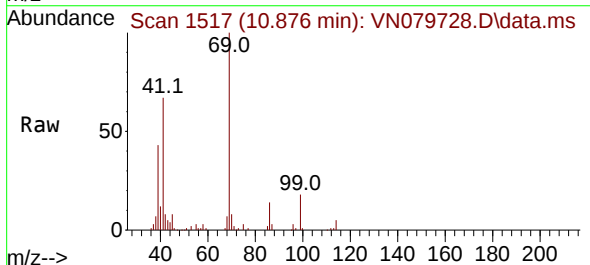
Tgt Ion:	97	Resp:	65180
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.1	97.7
85	54.9	43.4	65.2
99	64.7	49.2	73.8

Manual Integrations
APPROVED

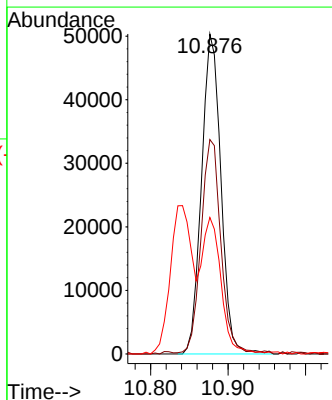
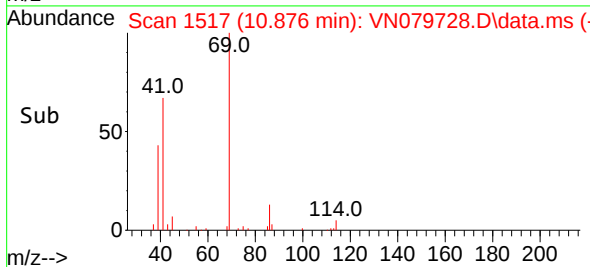
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

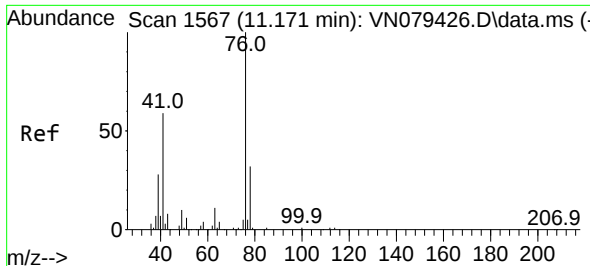


#56
Ethyl methacrylate
Concen: 17.611 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



Tgt Ion:	69	Resp:	87329
Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4
39	41.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.931 ug/l

RT: 11.165 min Scan# 116328

Delta R.T. -0.006 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion: 76 Resp: 116328

Ion Ratio Lower Upper

76 100

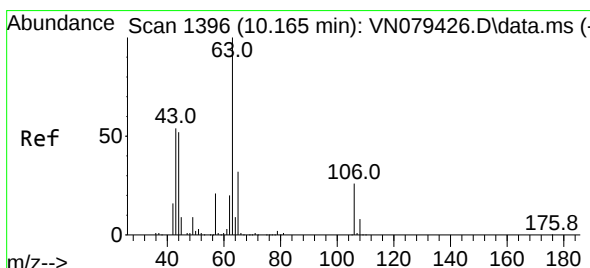
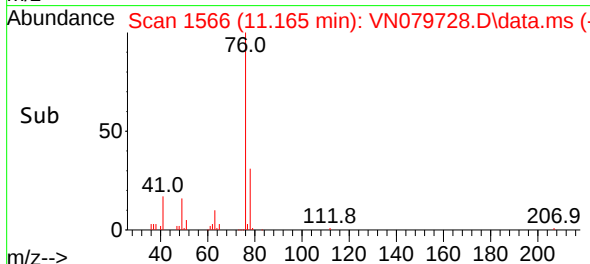
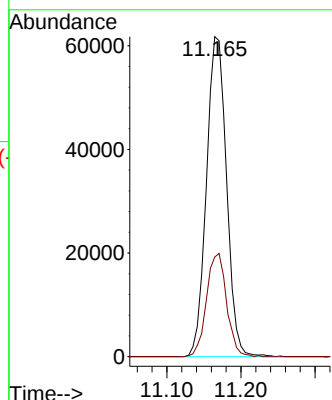
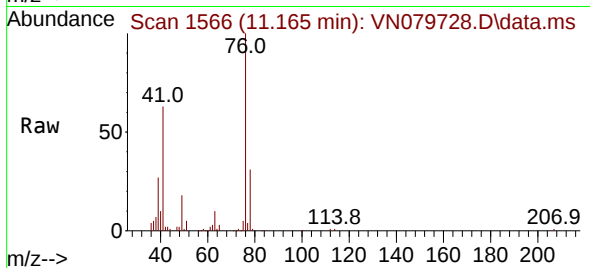
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 91.205 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079728.D

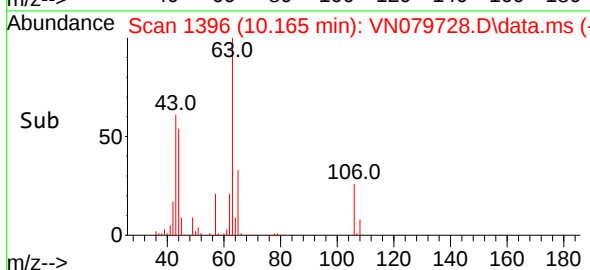
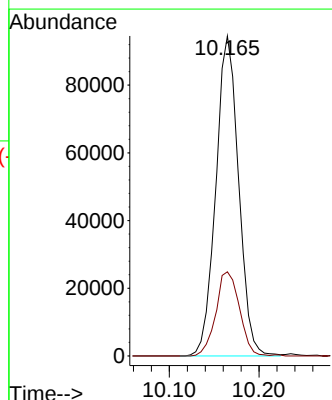
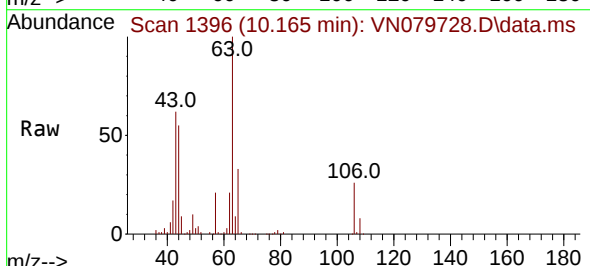
Acq: 30 Oct 2023 17:31

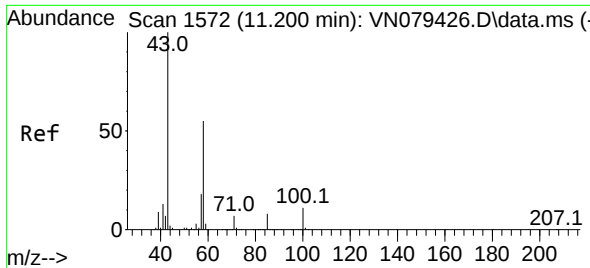
Tgt Ion: 63 Resp: 166625

Ion Ratio Lower Upper

63 100

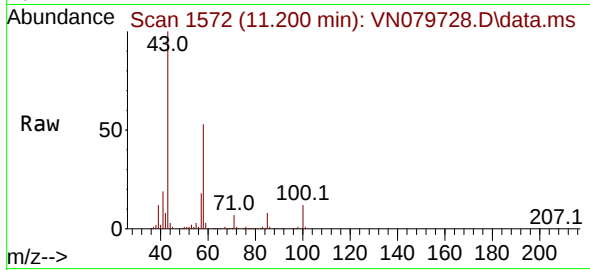
106 27.2 26.2 39.4





#59
2-Hexanone
Concen: 84.103 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

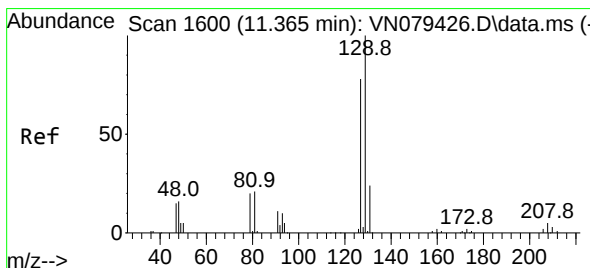
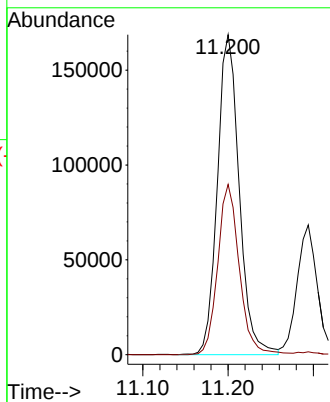
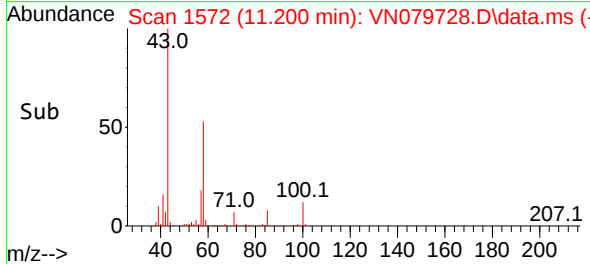
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion: 43 Resp: 30044
Ion Ratio Lower Upper
43 100
58 52.6 31.7 95.1

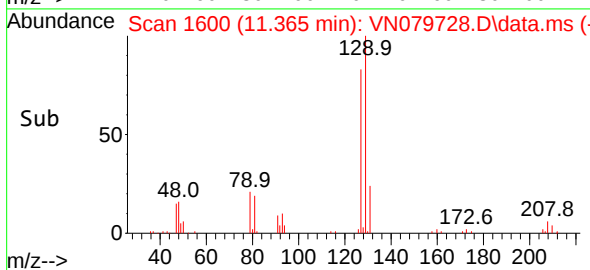
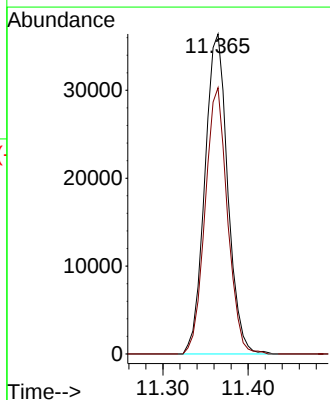
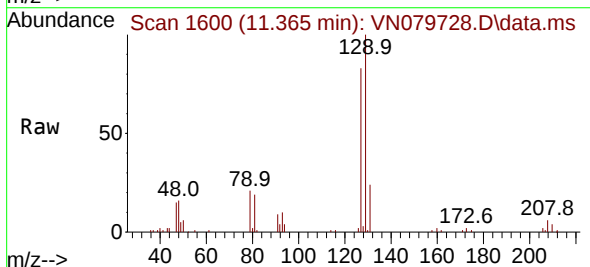
Manual Integrations
APPROVED

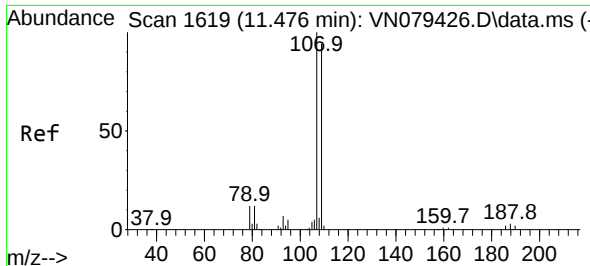
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 18.711 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion:129 Resp: 67983
Ion Ratio Lower Upper
129 100
127 81.1 38.6 116.0





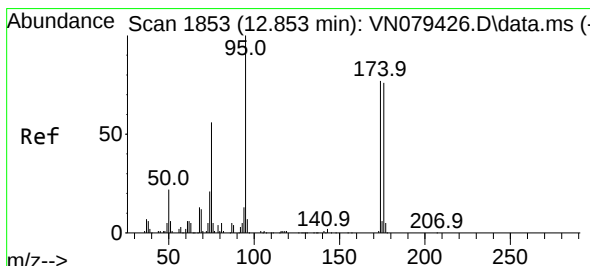
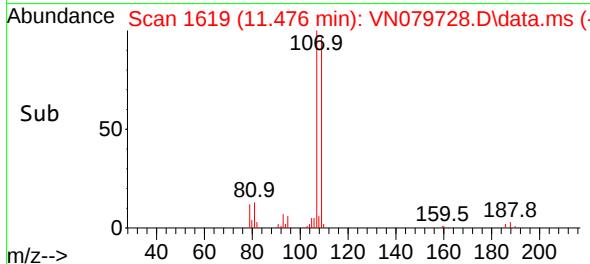
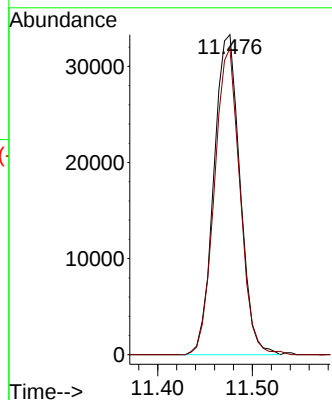
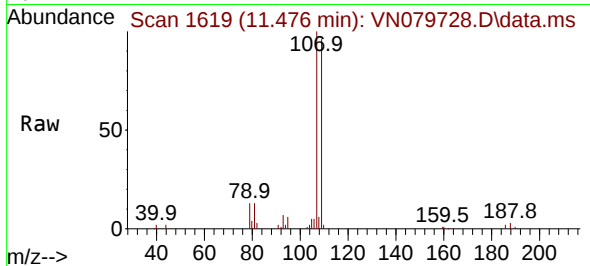
#61
1,2-Dibromoethane
Concen: 18.198 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion:107 Resp: 6366
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

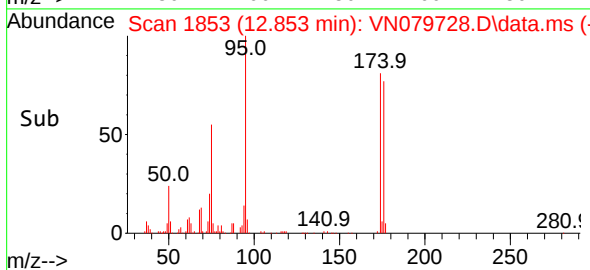
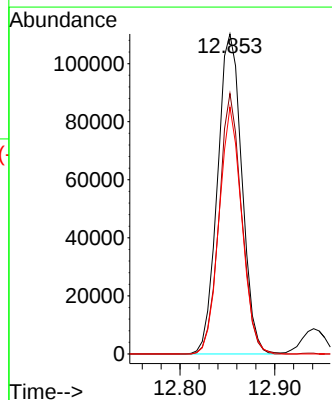
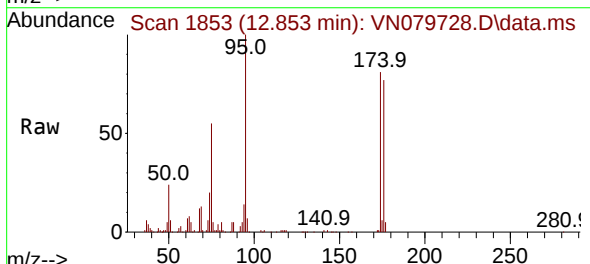
Manual Integrations
APPROVED

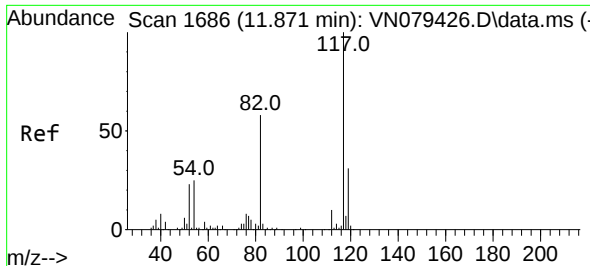
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#62
4-Bromofluorobenzene
Concen: 50.494 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

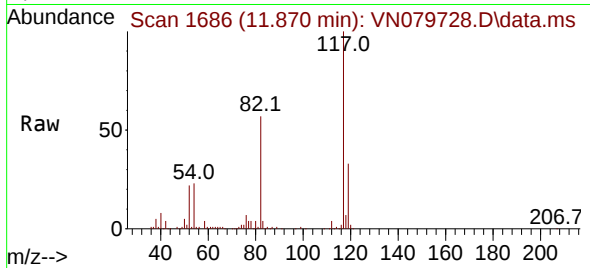
Tgt Ion: 95 Resp: 196891
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

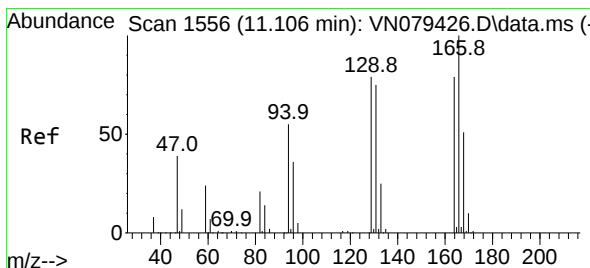
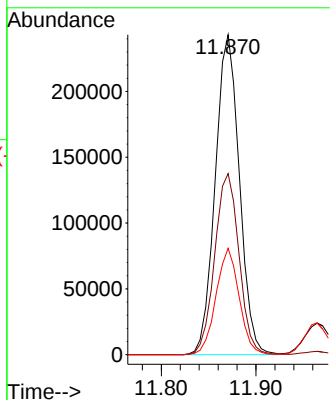
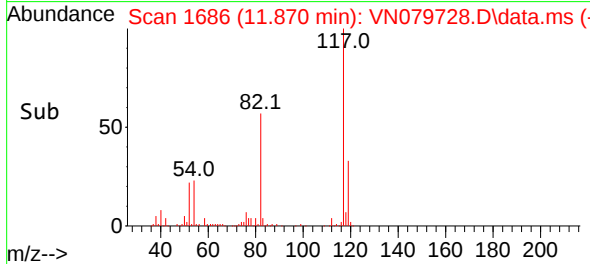
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion:117 Resp: 43119
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 33.3 25.6 38.4

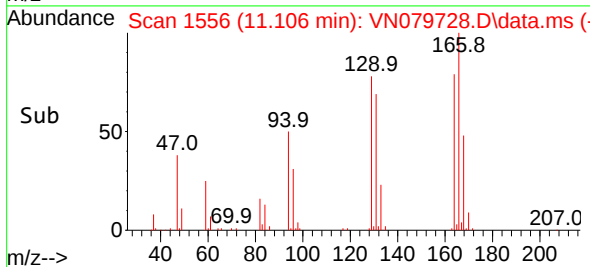
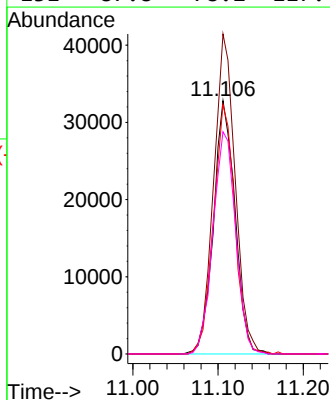
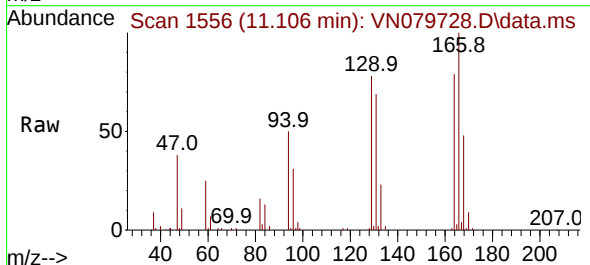
Manual Integrations
APPROVED

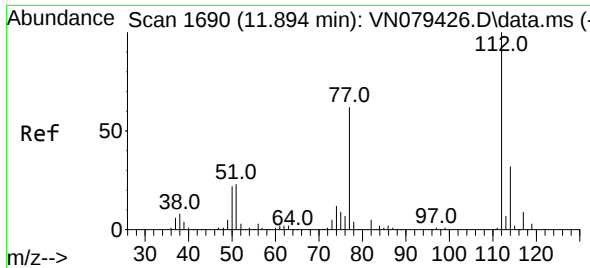
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#64
Tetrachloroethene
Concen: 18.846 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion:164 Resp: 57647
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 98.4 82.4 123.6
131 87.8 78.2 117.4





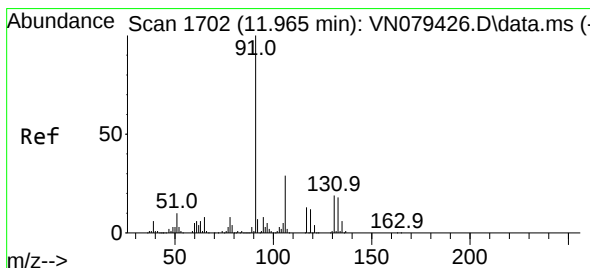
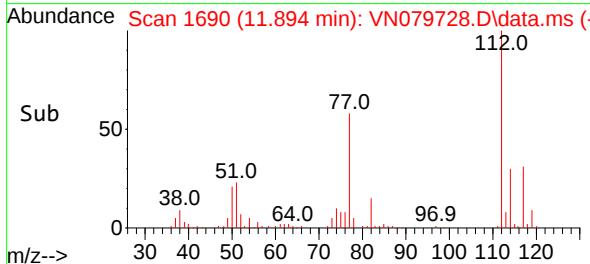
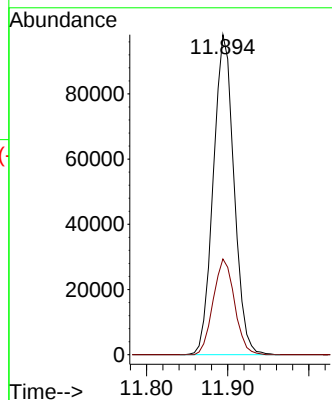
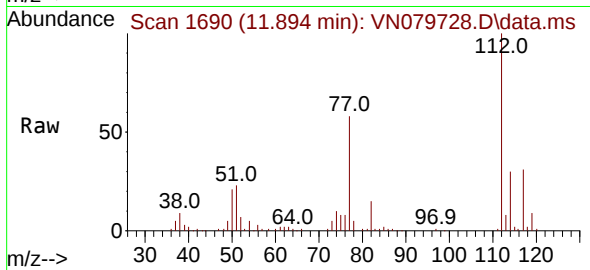
#65
Chlorobenzene
Concen: 18.224 ug/l
RT: 11.894 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion:112 Resp: 173920
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4

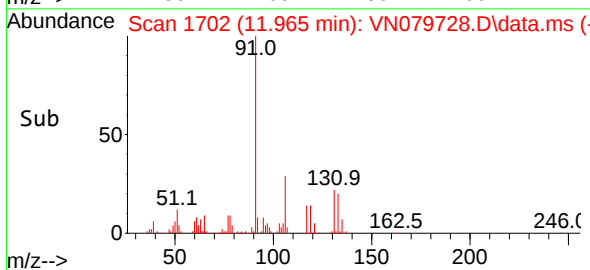
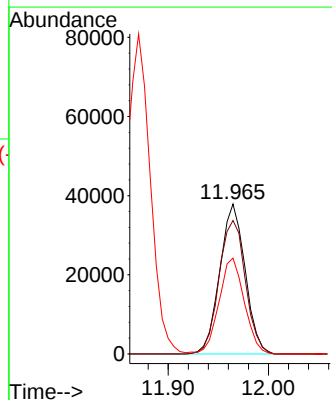
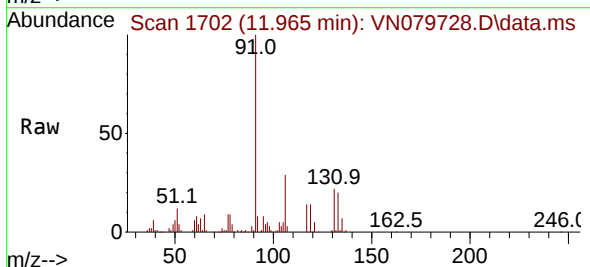
Manual Integrations
APPROVED

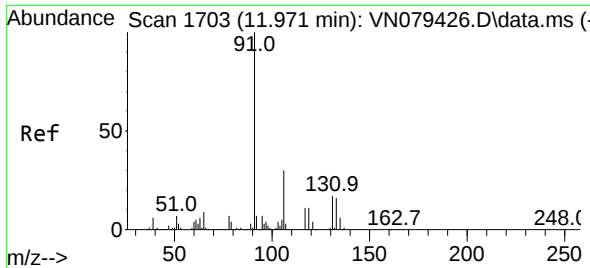
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.751 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

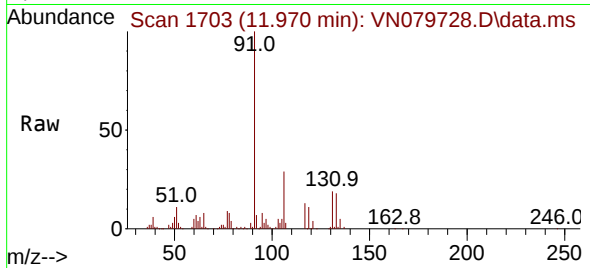
Tgt Ion:131 Resp: 66494
Ion Ratio Lower Upper
131 100
133 93.1 46.4 139.1
119 63.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.035 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

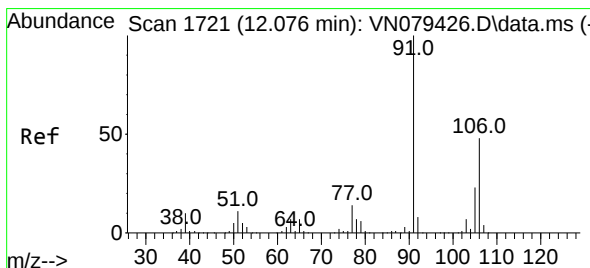
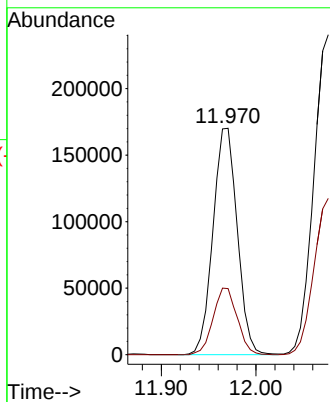
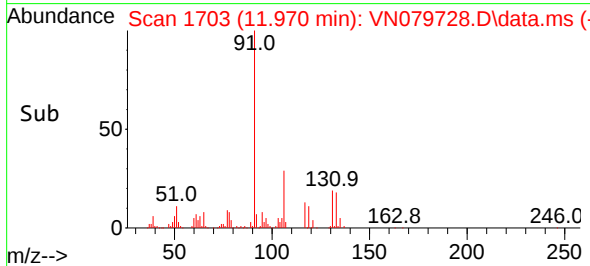
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



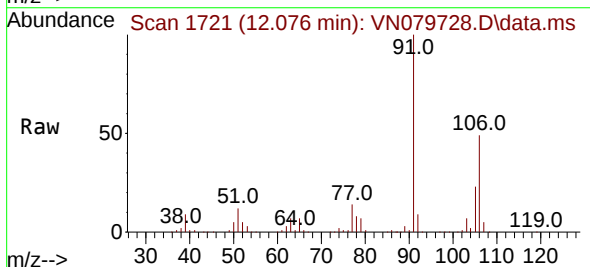
Tgt Ion: 91 Resp: 30324
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

Manual Integrations
APPROVED

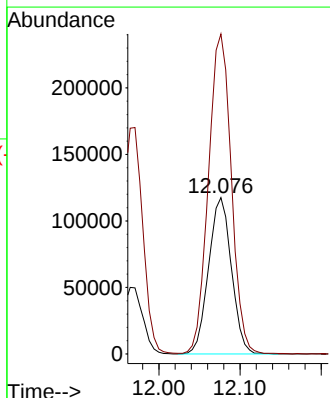
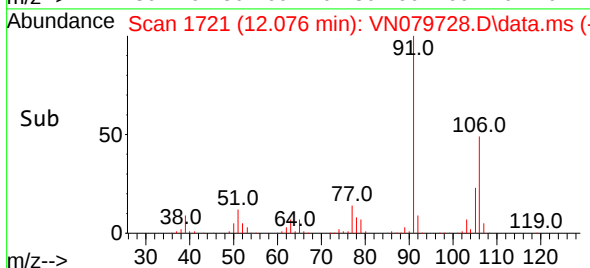
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

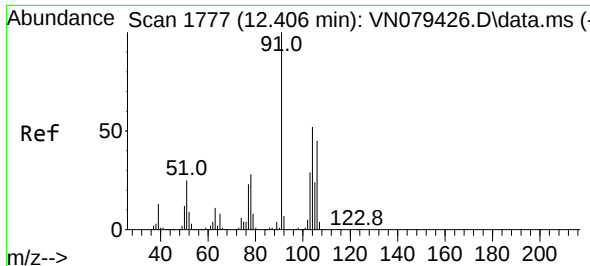


#68
m/p-Xylenes
Concen: 36.918 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



Tgt Ion:106 Resp: 229586
Ion Ratio Lower Upper
106 100
91 205.7 159.6 239.4





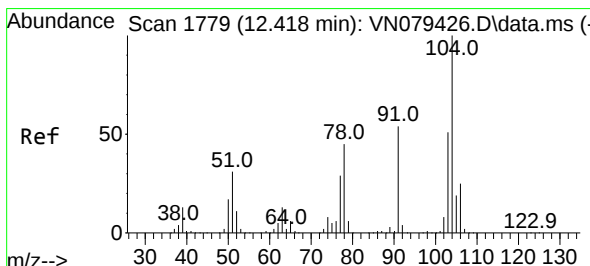
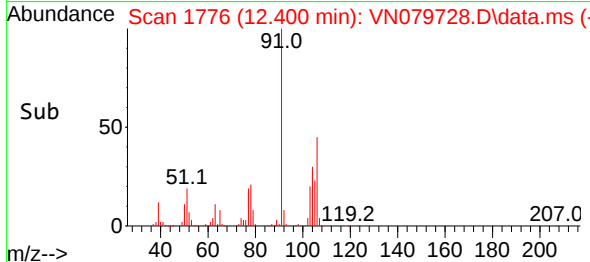
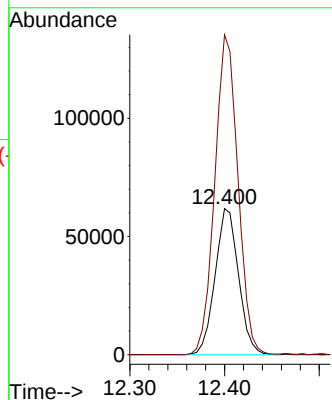
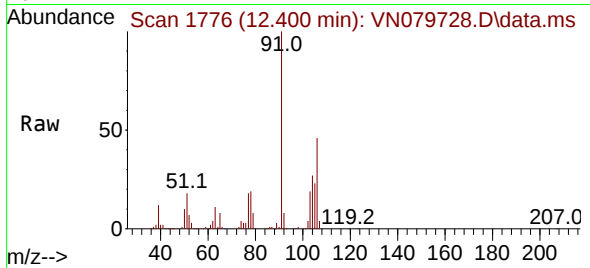
#69
o-Xylene
Concen: 17.740 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion:106 Resp: 106084
Ion Ratio Lower Upper
106 100
91 217.1 105.2 315.5

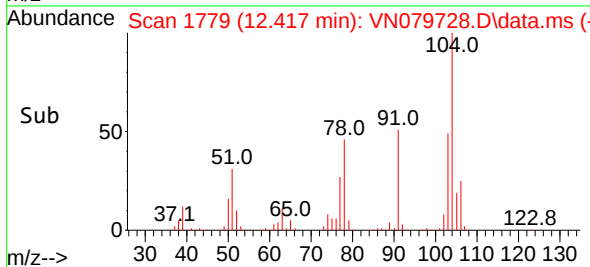
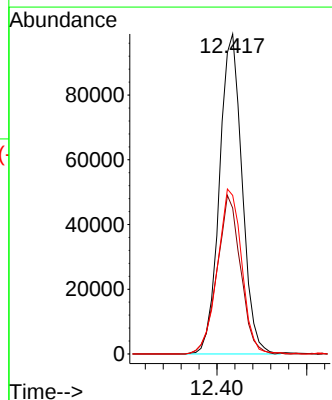
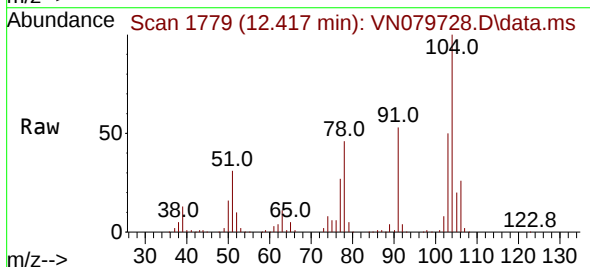
Manual Integrations
APPROVED

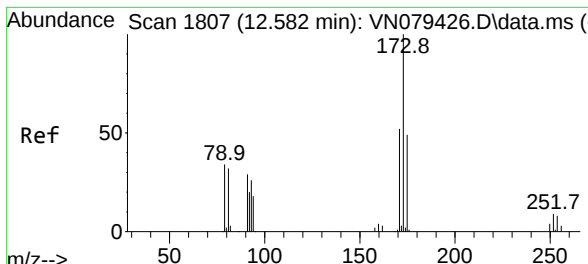
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 18.020 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

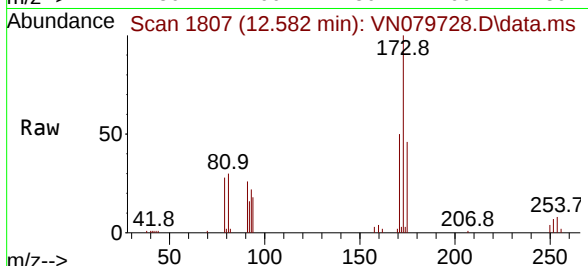
Tgt Ion:104 Resp: 172612
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 17.009 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

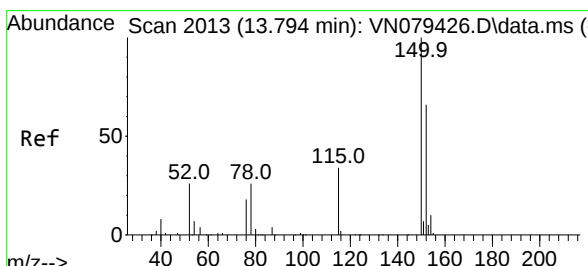
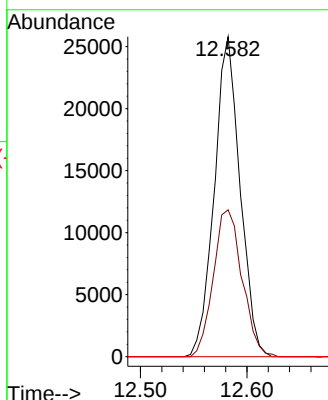
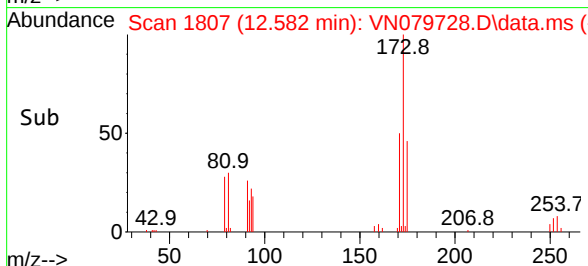
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



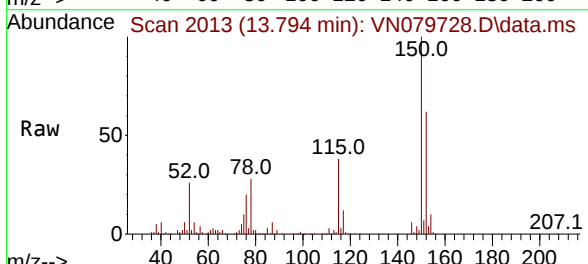
Tgt Ion:173 Resp: 43204
Ion Ratio Lower Upper
173 100
175 51.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

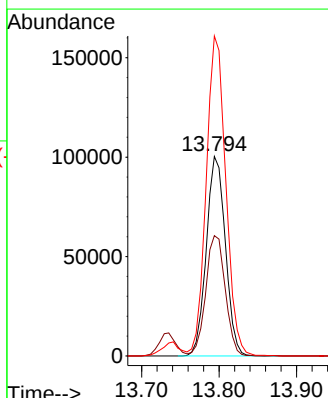
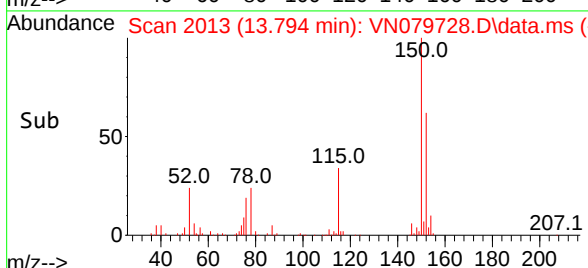
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

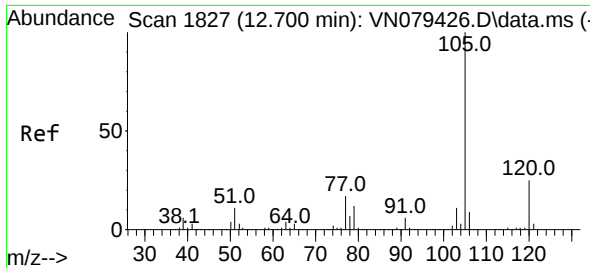


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



Tgt Ion:152 Resp: 171744
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 164.5 0.0 355.8





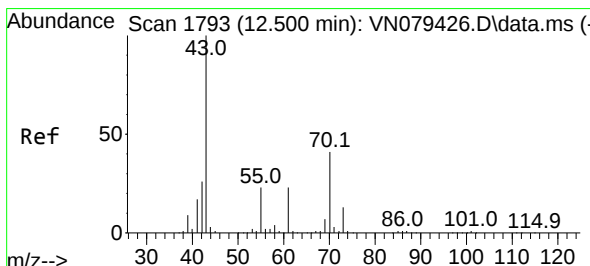
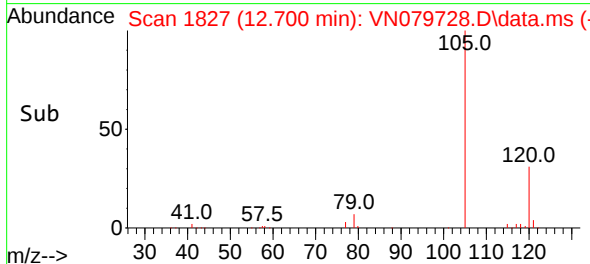
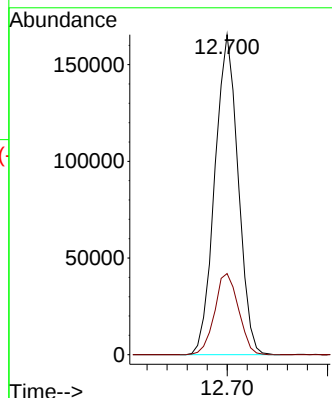
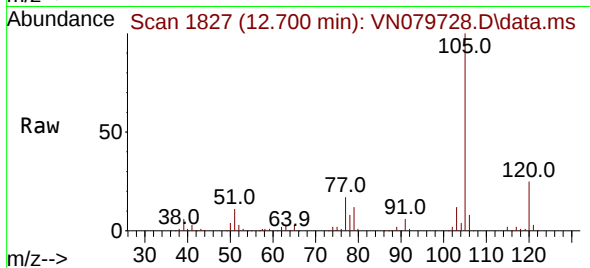
#73
Isopropylbenzene
Concen: 17.172 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion:105 Resp: 26713
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

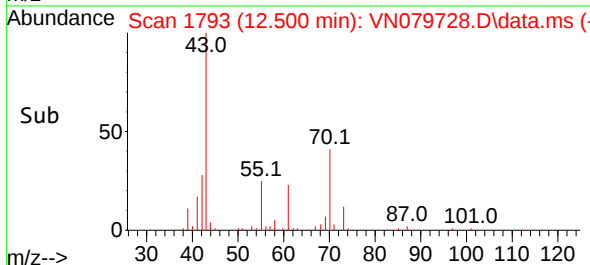
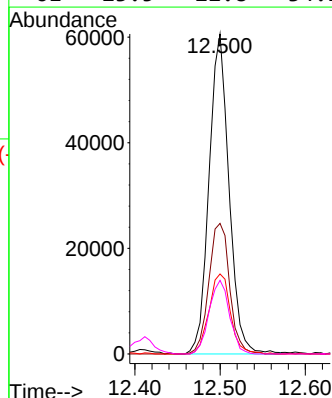
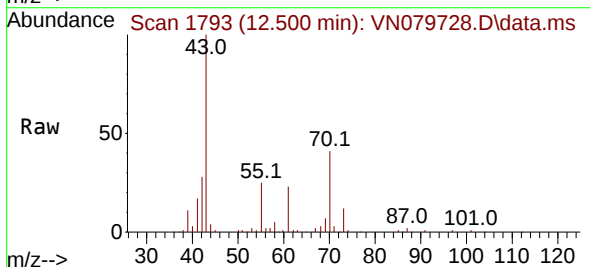
Manual Integrations
APPROVED

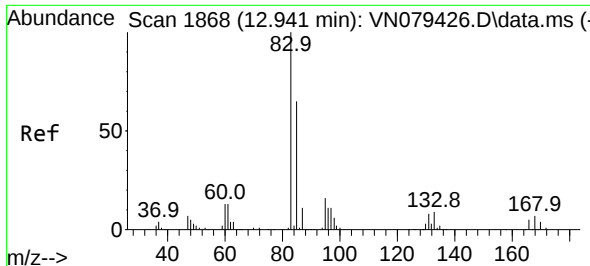
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#74
N-ethyl acetate
Concen: 15.970 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 43 Resp: 98810
Ion Ratio Lower Upper
43 100
70 42.5 43.4 65.2#
55 26.8 21.4 32.0
61 23.5 22.8 34.2





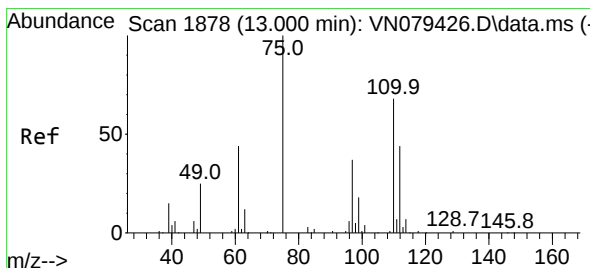
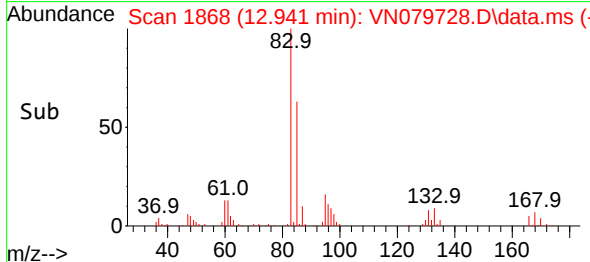
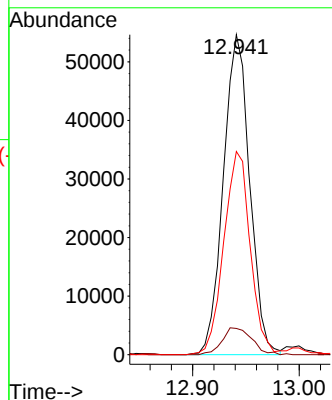
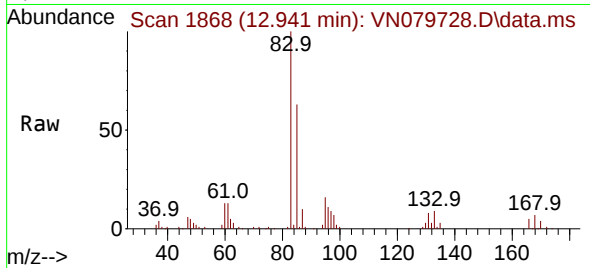
#75
1,1,2,2-Tetrachloroethane
Concen: 17.036 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument : MSVOA_N
ClientSampleId : VN1030WBS01

Tgt Ion: 83 Resp: 9382
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.7 31.9 95.7

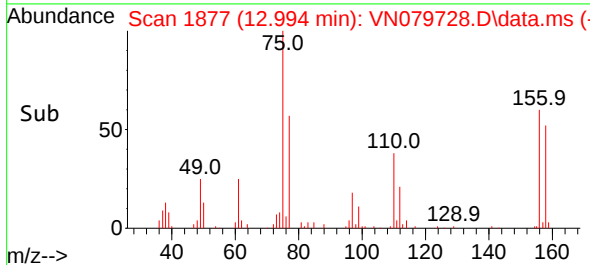
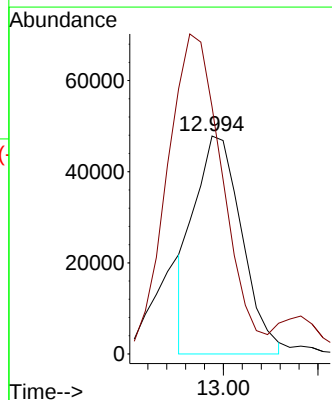
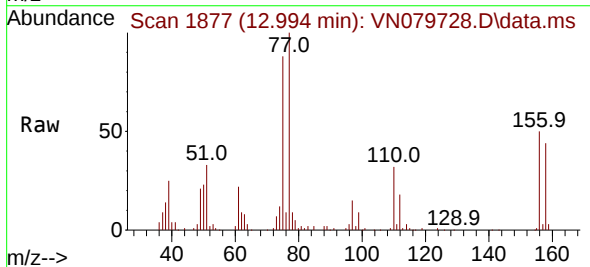
Manual Integrations
APPROVED

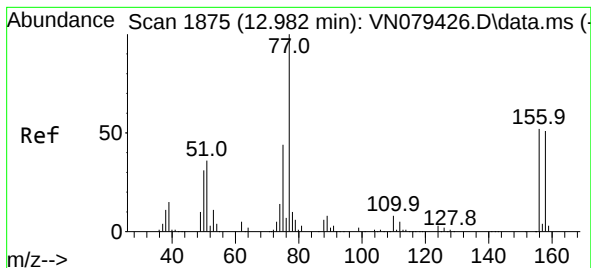
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 17.924 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion: 75 Resp: 83589
Ion Ratio Lower Upper
75 100
77 171.9 84.5 253.5





#77

Bromobenzene

Concen: 18.195 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

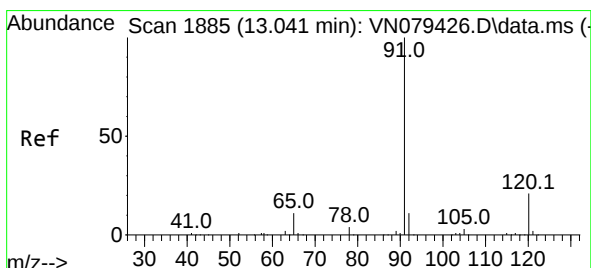
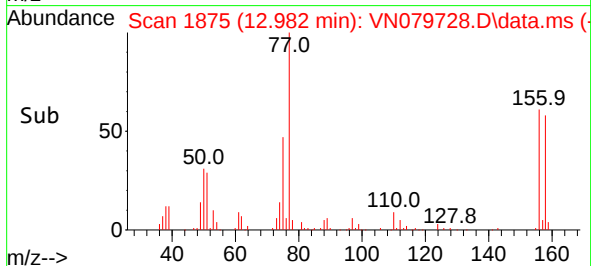
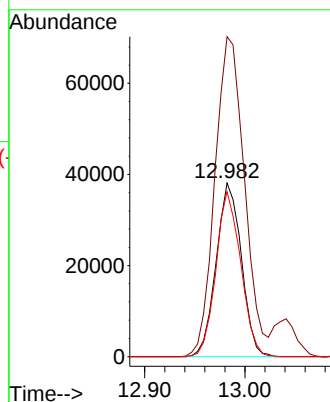
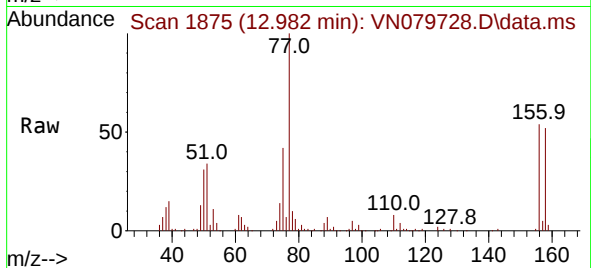
Tgt Ion:156 Resp: 66562
 Ion Ratio Lower Upper
 156 100
 77 215.9 107.7 323.3
 158 93.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#78

n-propylbenzene

Concen: 17.729 ug/l

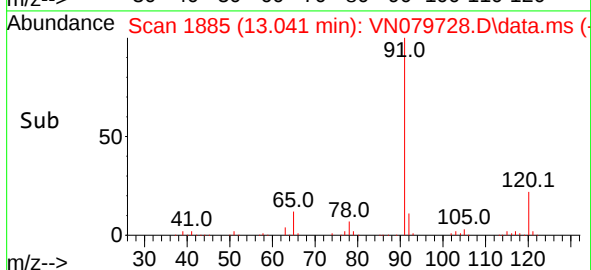
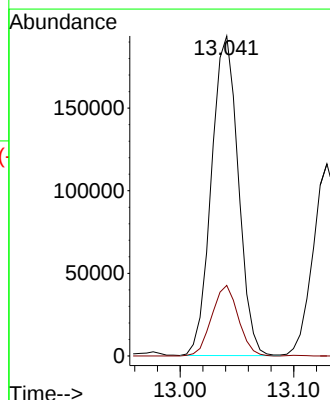
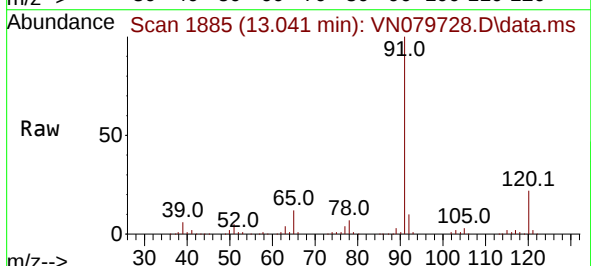
RT: 13.041 min Scan# 1885

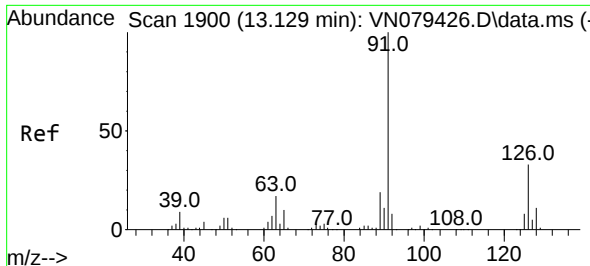
Delta R.T. -0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Tgt Ion: 91 Resp: 317705
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.5 34.4





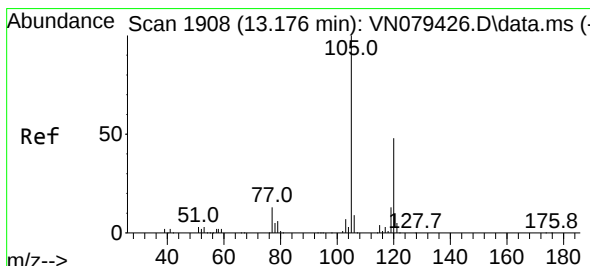
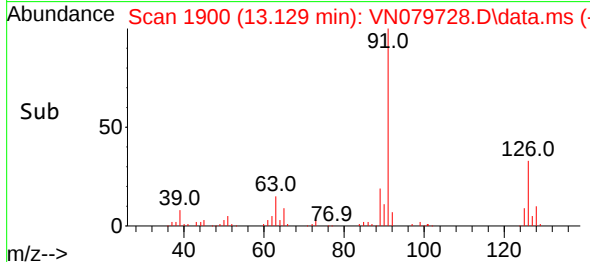
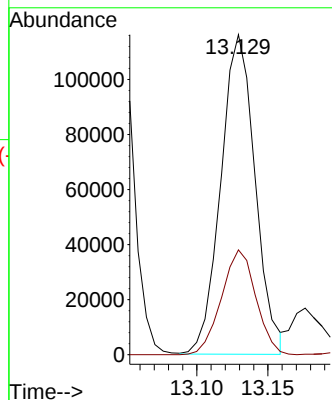
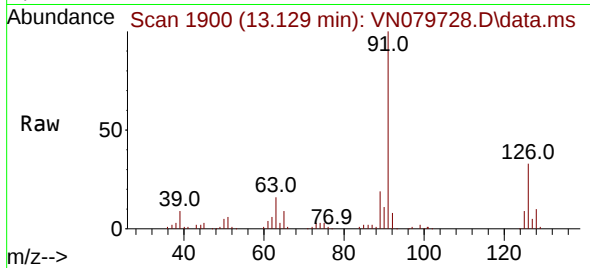
#79
2-Chlorotoluene
Concen: 17.472 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 91 Resp: 19517
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

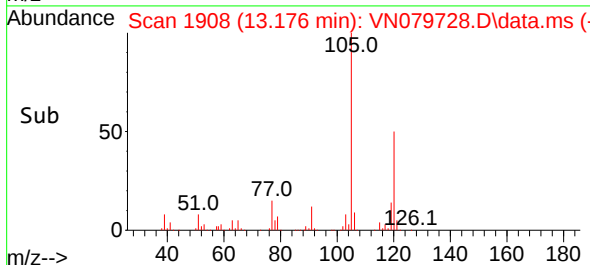
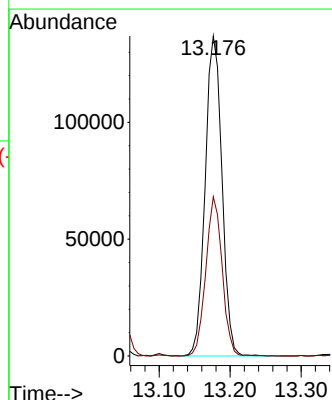
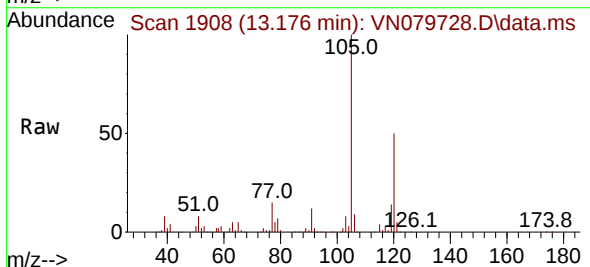
Manual Integrations
APPROVED

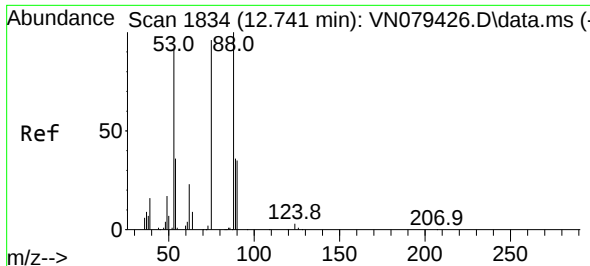
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.757 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

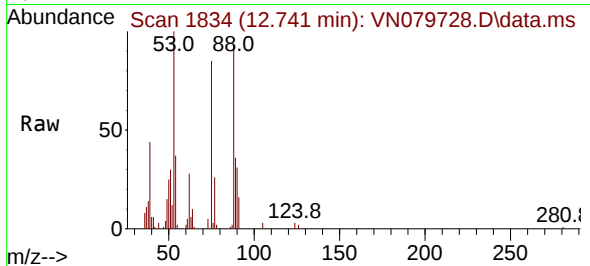
Tgt Ion:105 Resp: 225162
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 15.806 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

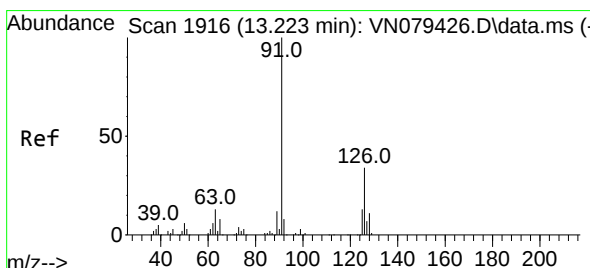
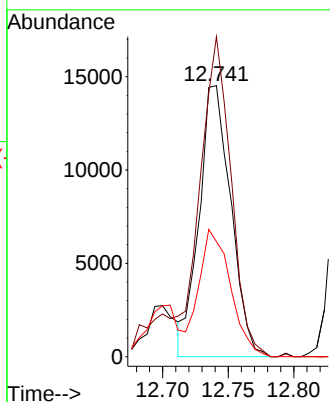
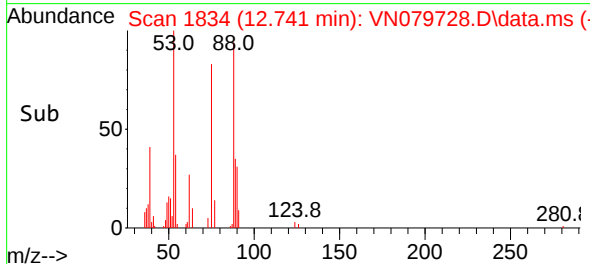
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



Tgt Ion: 75 Resp: 2443
Ion Ratio Lower Upper
75 100
53 131.7 67.4 101.2
89 46.4 38.8 58.2

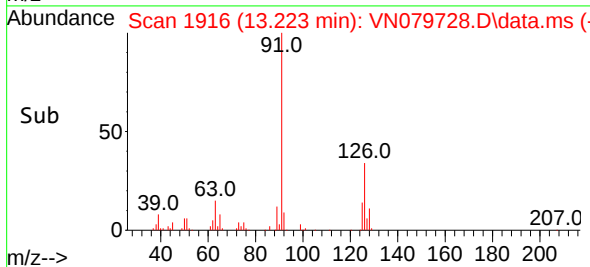
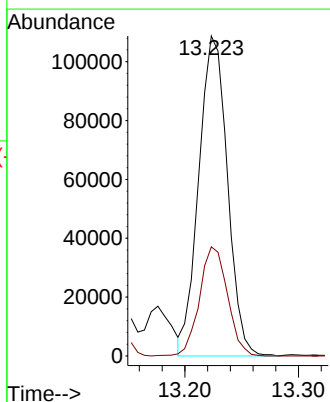
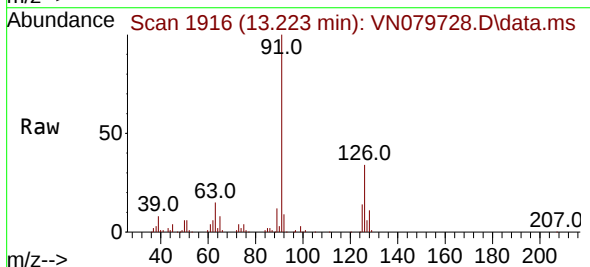
Manual Integrations
APPROVED

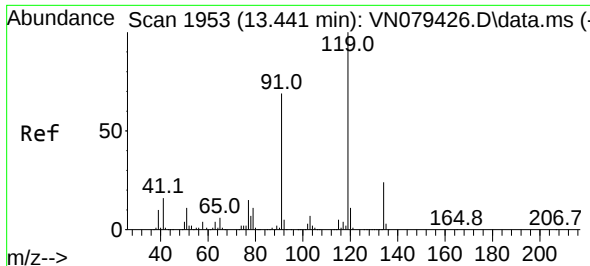
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 17.777 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

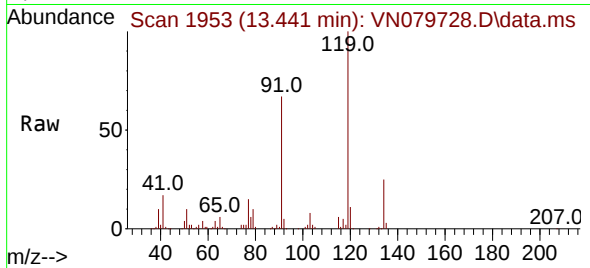
Tgt Ion: 91 Resp: 190735
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.069 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

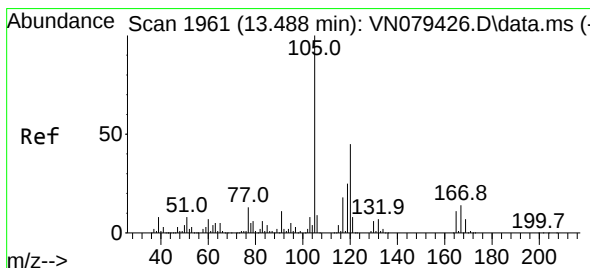
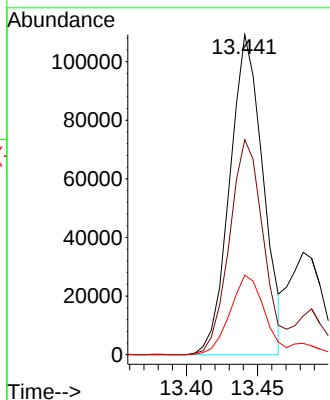
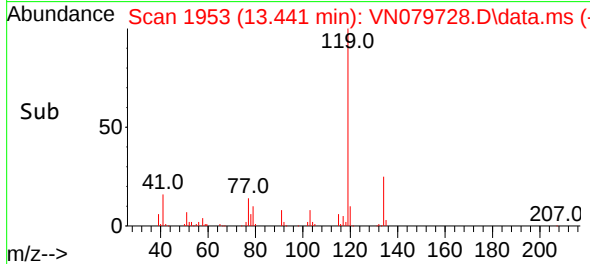
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



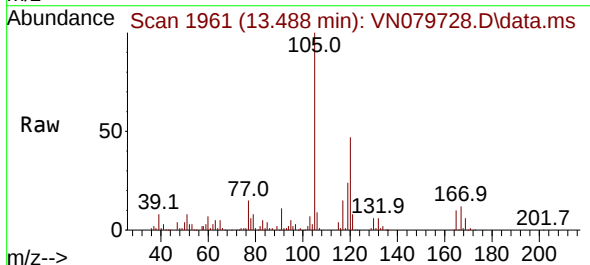
Tgt Ion:119 Resp: 177382
Ion Ratio Lower Upper
119 100
91 69.2 33.9 101.7
134 25.6 13.2 39.6

Manual Integrations
APPROVED

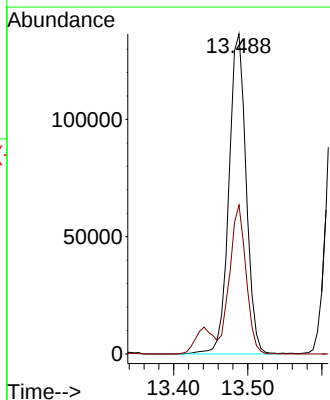
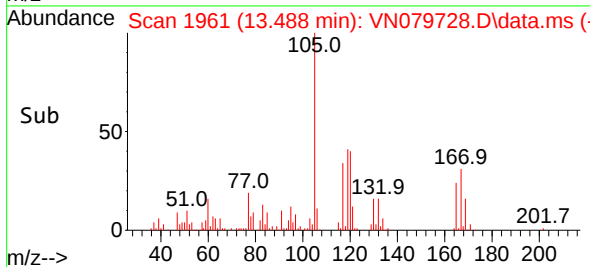
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

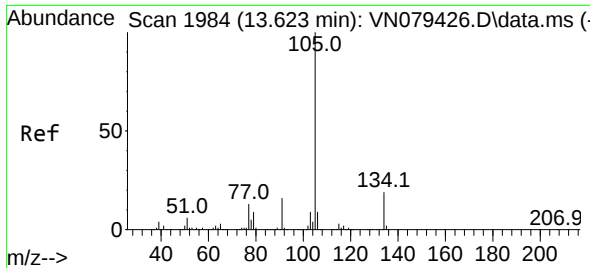


#84
1,2,4-Trimethylbenzene
Concen: 17.993 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



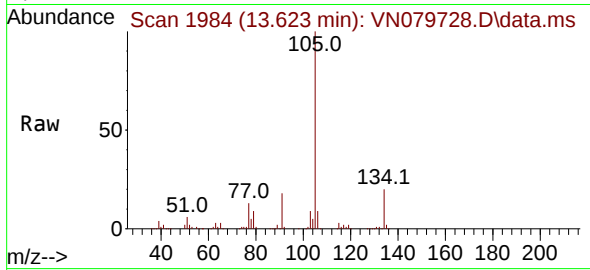
Tgt Ion:105 Resp: 220120
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.357 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

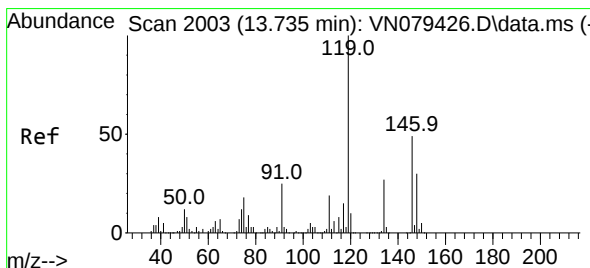
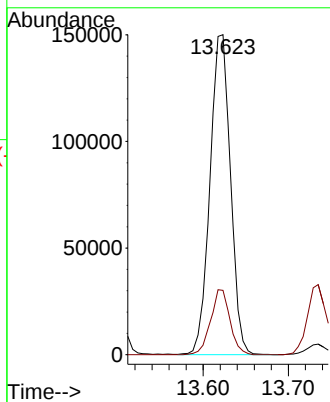
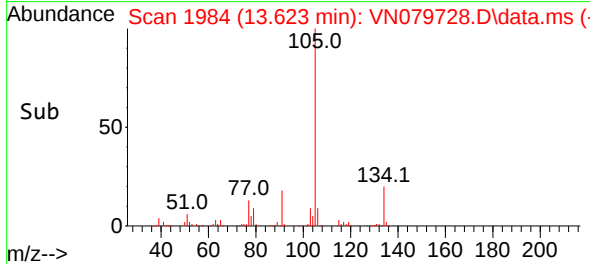
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBS01



Tgt Ion:105 Resp: 251600
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

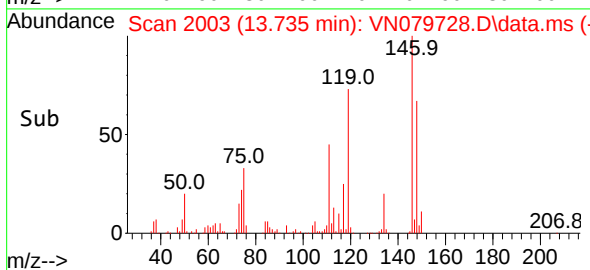
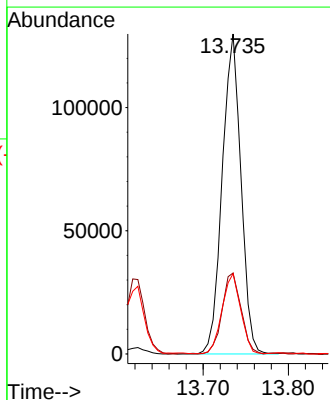
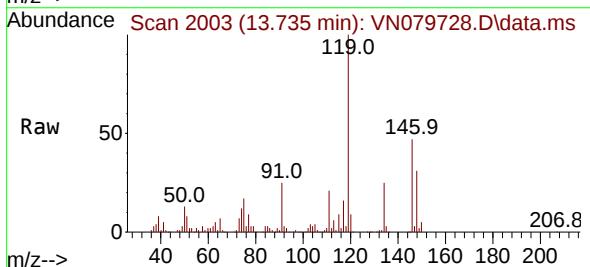
Manual Integrations
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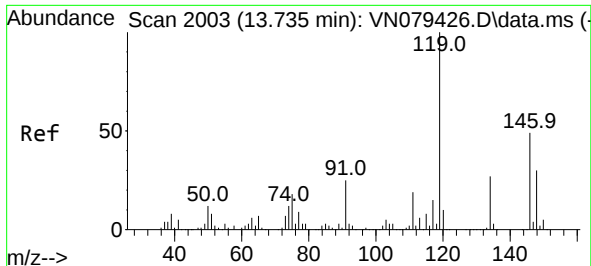
Reviewed By :John Carbone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 17.168 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079728.D
 Acq: 30 Oct 2023 17:31

Tgt Ion:119 Resp: 198217
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.465 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion:146 Resp: 108089

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.3

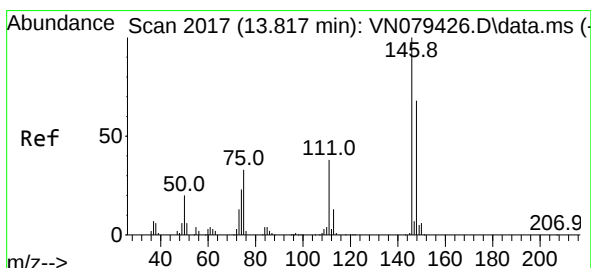
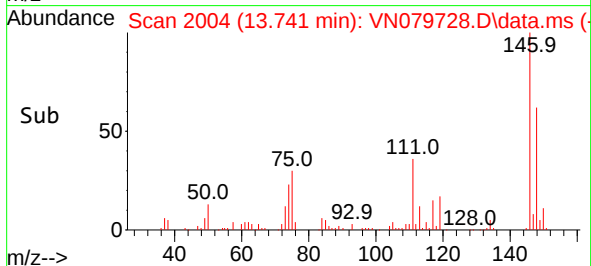
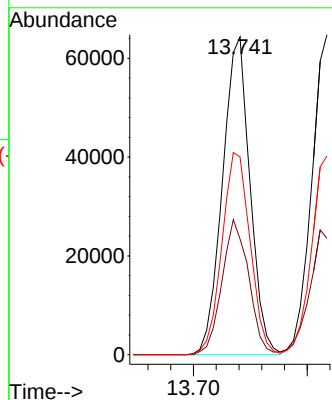
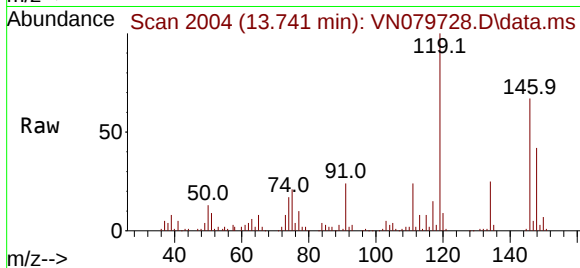
148 65.3 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#88

1,4-Dichlorobenzene

Concen: 17.228 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

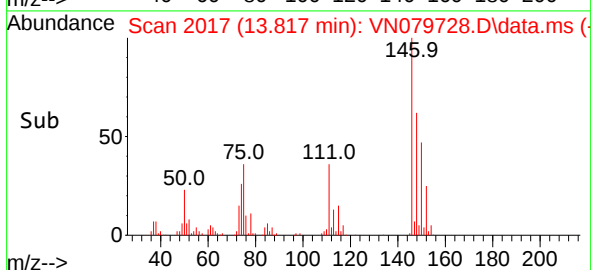
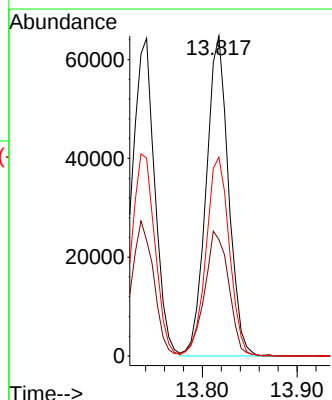
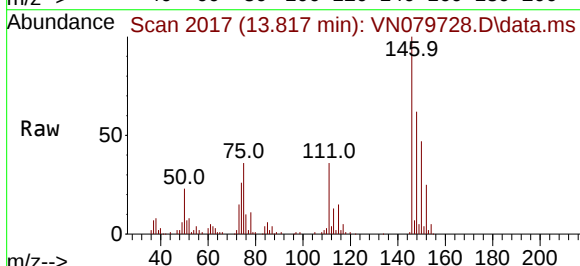
Tgt Ion:146 Resp: 106221

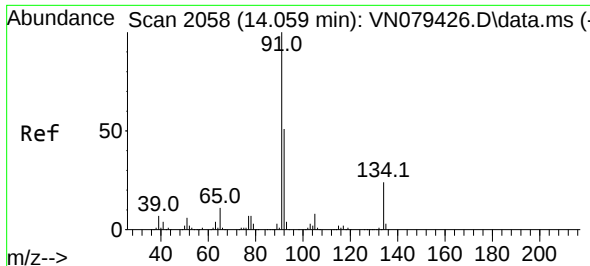
Ion Ratio Lower Upper

146 100

111 42.4 20.6 61.8

148 64.7 31.6 94.8





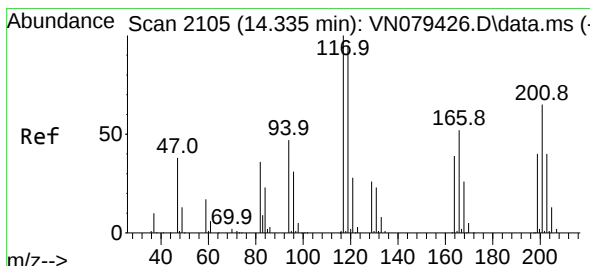
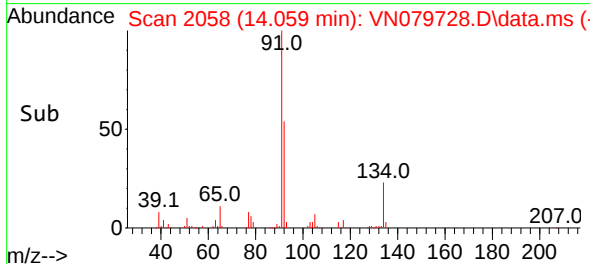
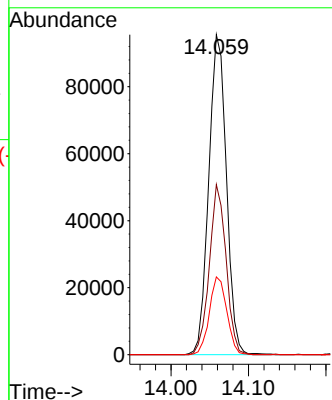
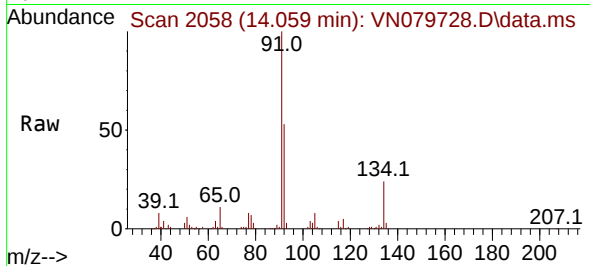
#89
n-Butylbenzene
Concen: 16.468 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01

Tgt Ion: 91 Resp: 151050
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 24.0 12.6 37.6

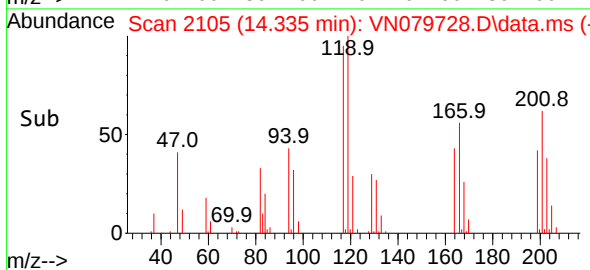
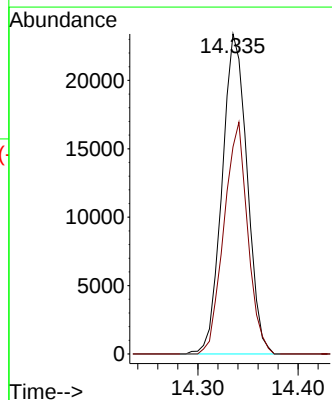
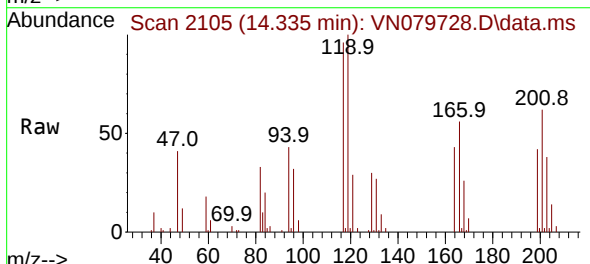
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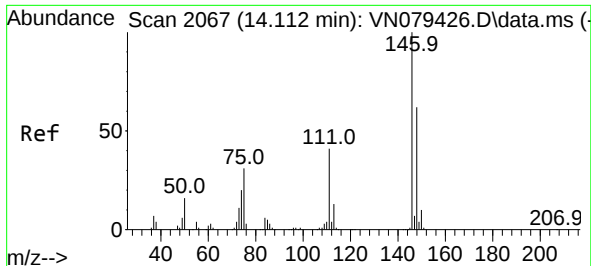
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#90
Hexachloroethane
Concen: 16.610 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

Tgt Ion:117 Resp: 40520
Ion Ratio Lower Upper
117 100
201 68.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 17.156 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.001 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

Tgt Ion:146 Resp: 103269

Ion Ratio Lower Upper

146 100

111 43.9 22.0 66.0

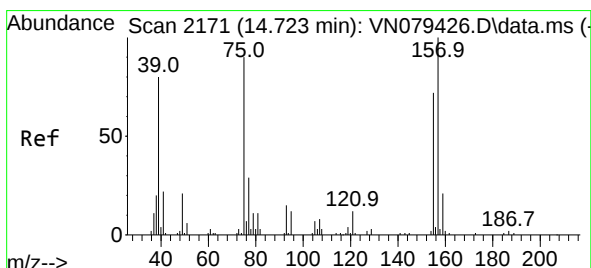
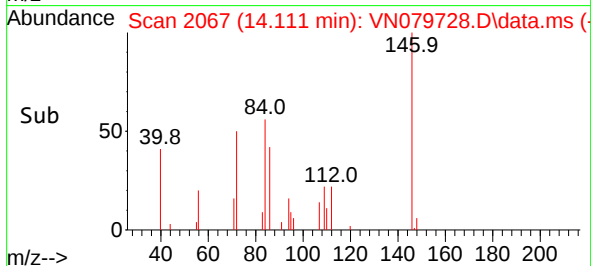
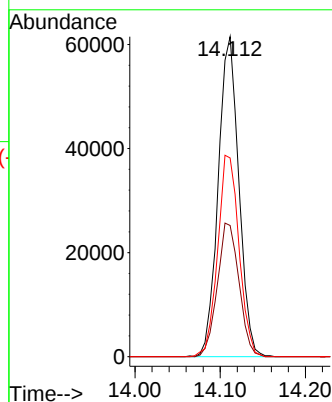
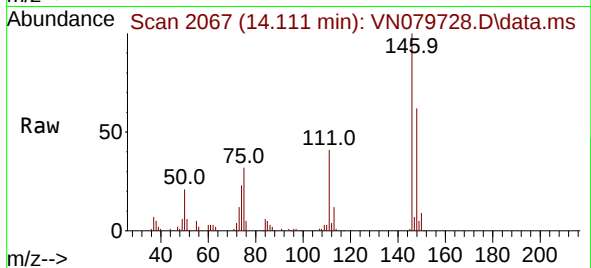
148 65.0 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.942 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

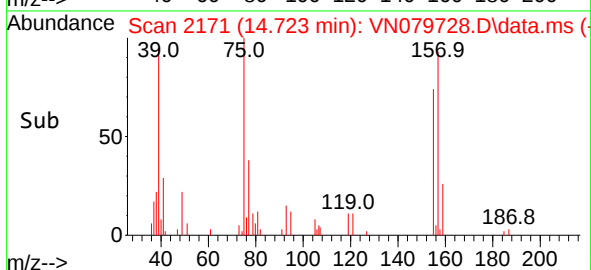
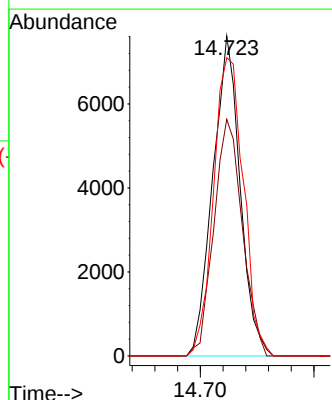
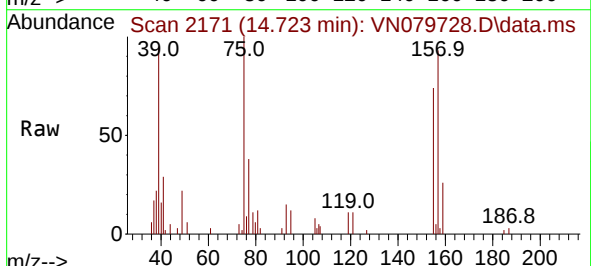
Tgt Ion: 75 Resp: 12691

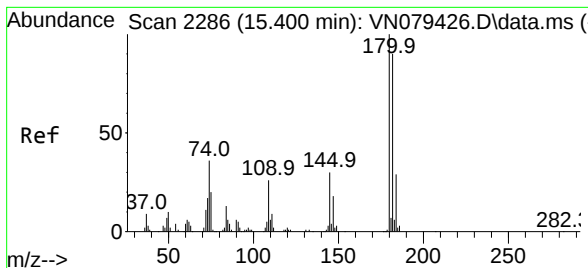
Ion Ratio Lower Upper

75 100

155 77.3 39.1 117.2

157 102.2 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.793 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBS01

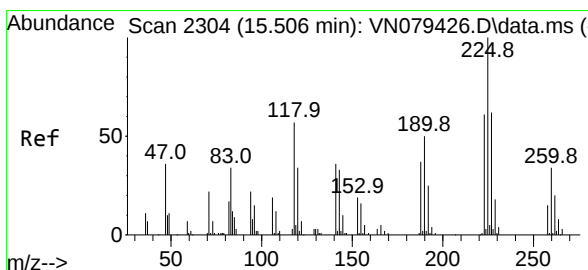
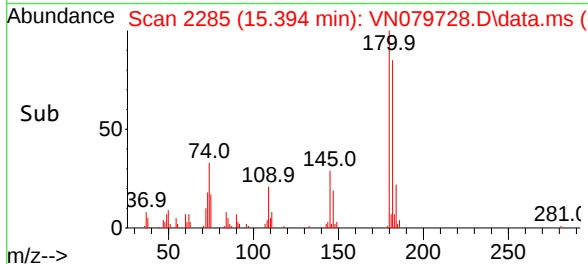
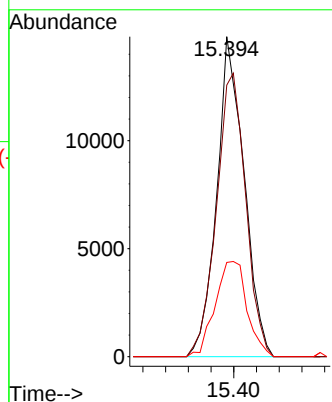
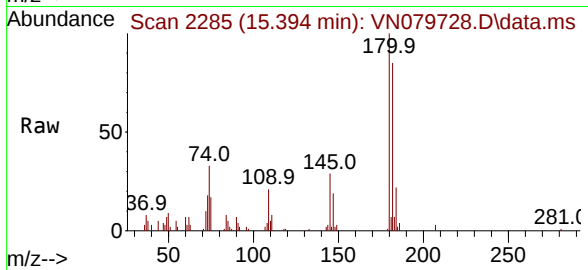
Tgt Ion:	180	Resp:	24749
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.1	138.2
145	34.7	16.6	49.8

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#94

Hexachlorobutadiene

Concen: 16.035 ug/l

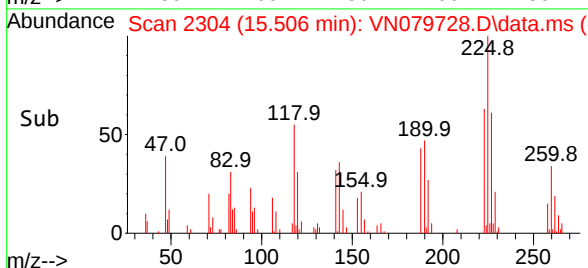
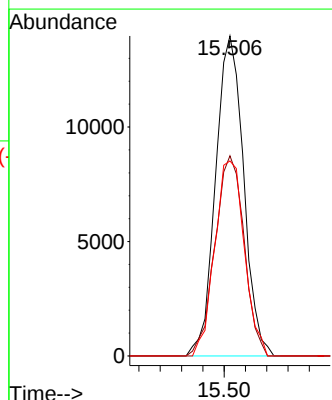
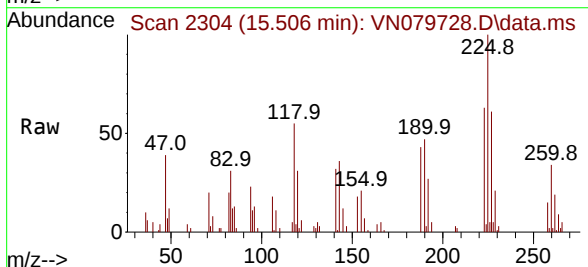
RT: 15.506 min Scan# 2304

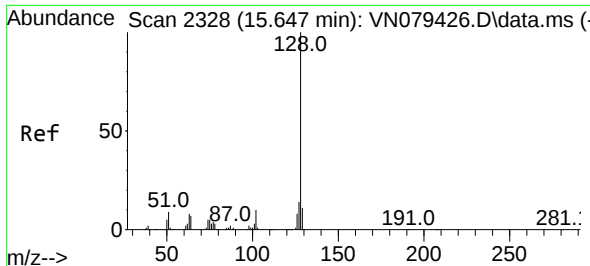
Delta R.T. -0.000 min

Lab File: VN079728.D

Acq: 30 Oct 2023 17:31

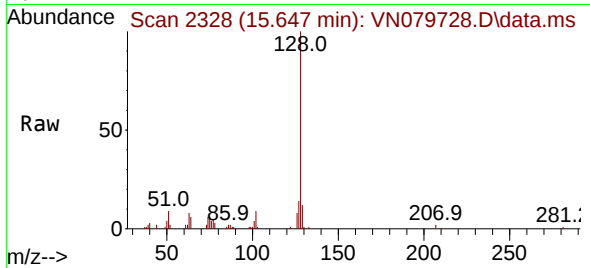
Tgt Ion:	225	Resp:	25528
Ion Ratio	Lower	Upper	
225	100		
223	65.0	31.3	93.8
227	64.4	31.9	95.9





#95
Naphthalene
Concen: 11.309 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31

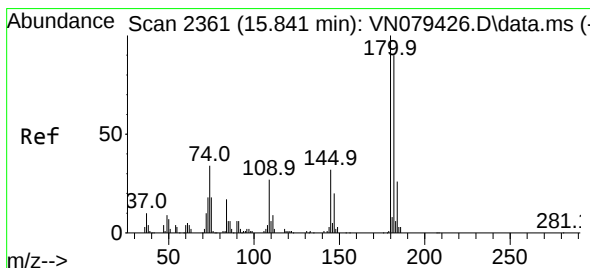
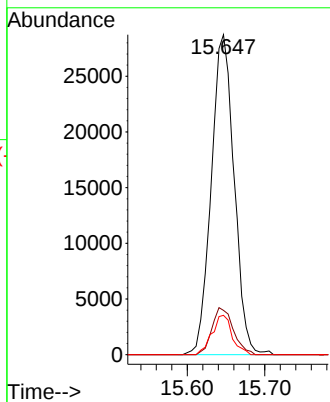
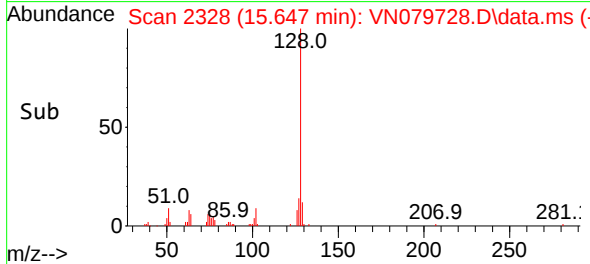
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBS01



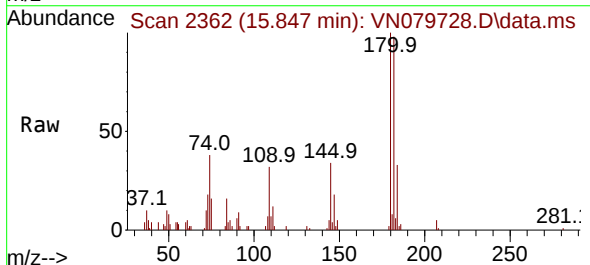
Tgt Ion:128 Resp: 58910
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 14.017 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079728.D
Acq: 30 Oct 2023 17:31



Tgt Ion:180 Resp: 28085
Ion Ratio Lower Upper
180 100
182 92.8 46.2 138.6
145 33.5 17.5 52.6

