

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079699.D
 Acq On : 26 Oct 2023 17:00
 Operator : JC\MD
 Sample : VN1026WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:22:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	417557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	386002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	196826	51.624	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.240%			
35) Dibromofluoromethane	8.171	113	151026	50.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	10.571	98	546137	50.301	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.853	95	178788	51.311	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	58984	17.505	ug/l	95
3) Chloromethane	2.365	50	67660	16.093	ug/l	98
4) Vinyl Chloride	2.518	62	76935	17.592	ug/l	97
5) Bromomethane	2.959	94	64078	24.476	ug/l	96
6) Chloroethane	3.124	64	56831	17.237	ug/l	89
7) Trichlorofluoromethane	3.495	101	114649	22.204	ug/l	99
8) Diethyl Ether	3.965	74	46685	25.362	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	56457	18.710	ug/l	100
10) Methyl Iodide	4.600	142	60731	23.194	ug/l	99
11) Tert butyl alcohol	5.524	59	58355	101.692	ug/l	100
12) 1,1-Dichloroethene	4.342	96	50361	18.127	ug/l #	77
13) Acrolein	4.183	56	55227	96.654	ug/l	94
14) Allyl chloride	5.024	41	95503	21.301	ug/l #	90
15) Acrylonitrile	5.730	53	180411	108.442	ug/l	98
16) Acetone	4.436	43	169363	111.994	ug/l	90
17) Carbon Disulfide	4.718	76	131009	15.117	ug/l	99
18) Methyl Acetate	5.030	43	148140	20.014	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	207403	22.976	ug/l	97
20) Methylene Chloride	5.283	84	70750	21.016	ug/l #	86
21) trans-1,2-Dichloroethene	5.789	96	59489	18.333	ug/l	89
22) Diisopropyl ether	6.683	45	224252	22.306	ug/l #	93
23) Vinyl Acetate	6.606	43	602724	106.581	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	125235	20.354	ug/l	95
25) 2-Butanone	7.488	43	249742	111.268	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	96436	20.509	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	74552	21.148	ug/l	88
28) Bromochloromethane	7.818	49	61156	20.890	ug/l #	75
29) Tetrahydrofuran	7.841	42	155556	107.160	ug/l #	76
30) Chloroform	7.971	83	131221	21.108	ug/l	91
31) Cyclohexane	8.259	56	90454	16.725	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	106442	20.345	ug/l	97
36) 1,1-Dichloropropene	8.377	75	87688	19.470	ug/l	95
37) Ethyl Acetate	7.571	43	96652	21.568	ug/l #	91
38) Carbon Tetrachloride	8.365	117	87747	19.462	ug/l	92
39) Methylcyclohexane	9.606	83	79623	18.402	ug/l #	87
40) Benzene	8.612	78	278445	20.818	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	51737	21.960	ug/l #	87
42) 1,2-Dichloroethane	8.677	62	105426	21.693	ug/l	99
43) Isopropyl Acetate	8.694	43	160570	20.452	ug/l #	90
44) Trichloroethene	9.359	130	64876	20.608	ug/l	93
45) 1,2-Dichloropropane	9.624	63	75200	21.339	ug/l	98
46) Dibromomethane	9.712	93	51124	22.399	ug/l	93
47) Bromodichloromethane	9.894	83	103338	22.011	ug/l	99
48) Methyl methacrylate	9.688	41	75150	22.337	ug/l #	79
49) 1,4-Dioxane	9.694	88	27346	441.283	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	507879	114.596	ug/l	90
52) Toluene	10.635	92	168948	21.459	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	106492	22.508	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	117803	22.745	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	73400	23.222	ug/l	98
56) Ethyl methacrylate	10.876	69	102163	23.522	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	128151	23.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	158937	95.553	ug/l #	88
59) 2-Hexanone	11.200	43	368654	115.273	ug/l	86
60) Dibromochloromethane	11.365	129	73079	23.005	ug/l	99
61) 1,2-Dibromoethane	11.476	107	70386	22.439	ug/l	99
64) Tetrachloroethene	11.112	164	53062	19.983	ug/l	91
65) Chlorobenzene	11.894	112	176224	20.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	69122	21.961	ug/l	97
67) Ethyl Benzene	11.965	91	306210	20.494	ug/l	96
68) m/p-Xylenes	12.076	106	231849	42.707	ug/l	95
69) o-Xylene	12.400	106	113994	21.351	ug/l	95
70) Styrene	12.418	104	184751	21.907	ug/l	97
71) Bromoform	12.582	173	49970	21.692	ug/l #	97
73) Isopropylbenzene	12.700	105	277103	19.509	ug/l	100
74) N-amyl acetate	12.500	43	121330	20.836	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	106845	22.641	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	95802m	21.763	ug/l	
77) Bromobenzene	12.982	156	69057	19.828	ug/l	94
78) n-propylbenzene	13.041	91	325057	20.227	ug/l	96
79) 2-Chlorotoluene	13.129	91	205925	20.025	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	235451	21.022	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	32094	21.154	ug/l	87
82) 4-Chlorotoluene	13.223	91	196825	20.114	ug/l	99
83) tert-Butylbenzene	13.441	119	184418	20.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	229306	21.453	ug/l	100
85) sec-Butylbenzene	13.623	105	262032	20.472	ug/l	100
86) p-Isopropyltoluene	13.735	119	208204	21.204	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	112965	20.450	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	109777	19.247	ug/l	97
89) n-Butylbenzene	14.059	91	161225	20.561	ug/l	96
90) Hexachloroethane	14.335	117	42234	20.571	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	114650	21.278	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15706	19.123	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	29934	17.938	ug/l	98
94) Hexachlorobutadiene	15.506	225	26924	20.715	ug/l	98
95) Naphthalene	15.647	128	83169	16.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36132	18.144	ug/l	99

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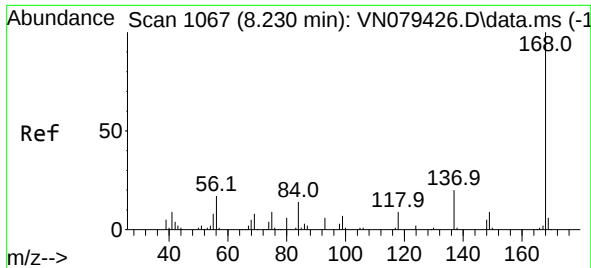
Manual Integrations
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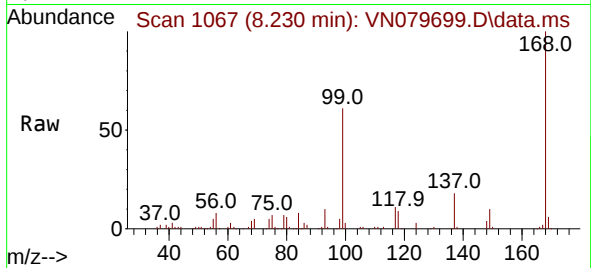
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079699.D
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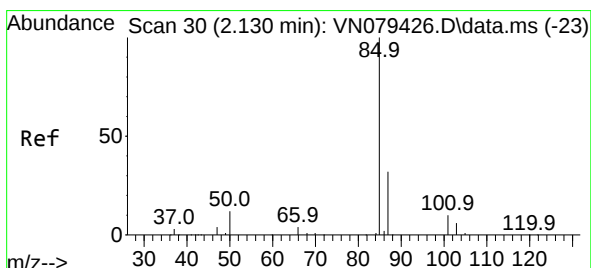
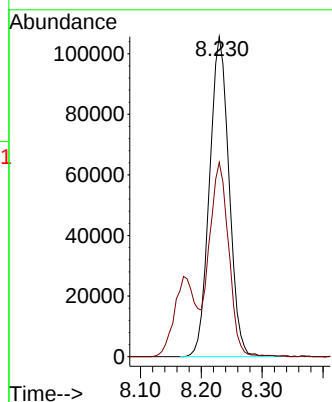
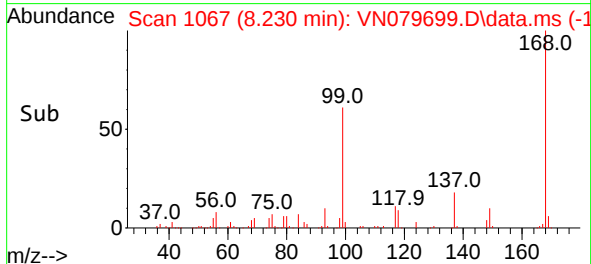
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 235140
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6

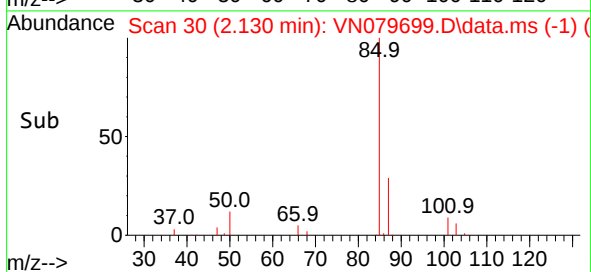
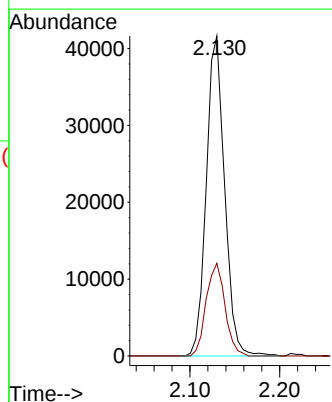
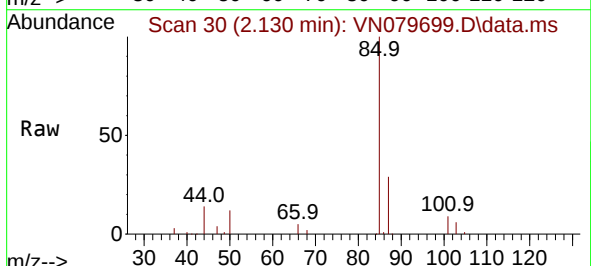
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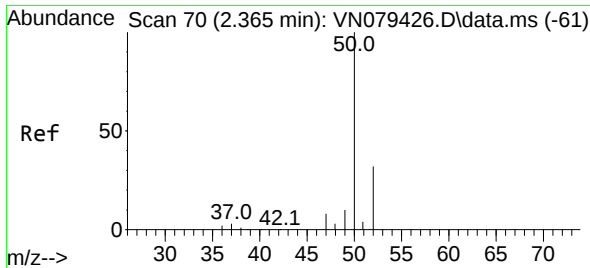
Reviewed By :John Carlone 10/27/2023
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#2
Dichlorodifluoromethane
Concen: 17.505 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

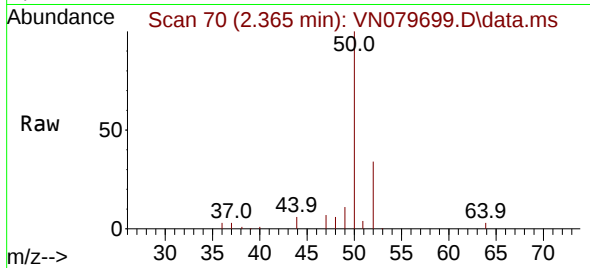
Tgt Ion: 85 Resp: 58984
Ion Ratio Lower Upper
85 100
87 29.0 15.8 47.4





#3
Chloromethane
Concen: 16.093 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

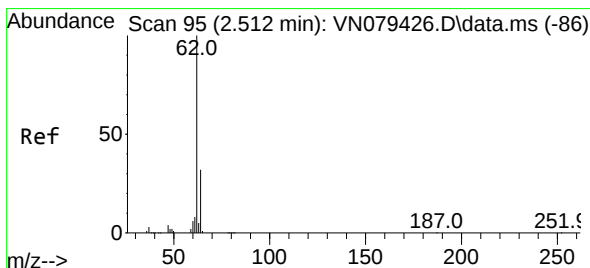
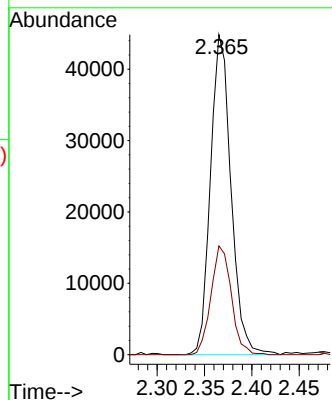
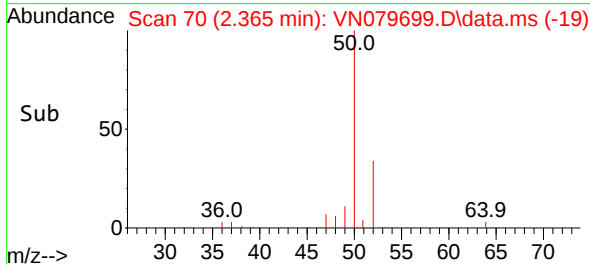
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Tgt Ion: 50 Resp: 67660
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7

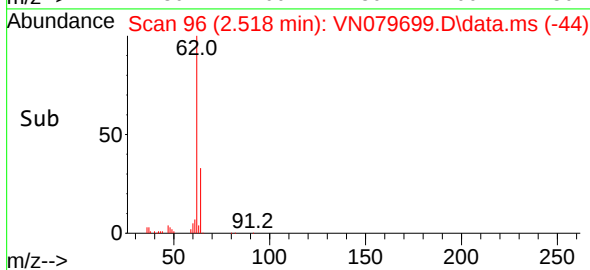
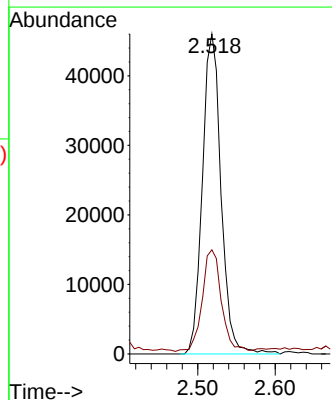
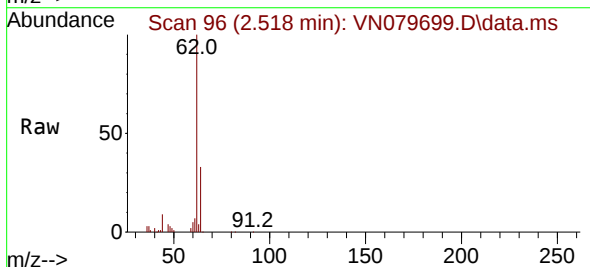
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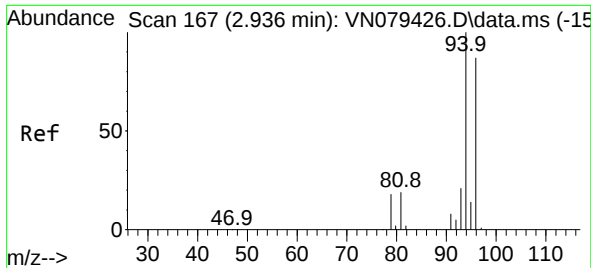
Reviewed By :John Carlone 10/27/2023
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#4
Vinyl Chloride
Concen: 17.592 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 62 Resp: 76935
Ion Ratio Lower Upper
62 100
64 31.3 26.2 39.2





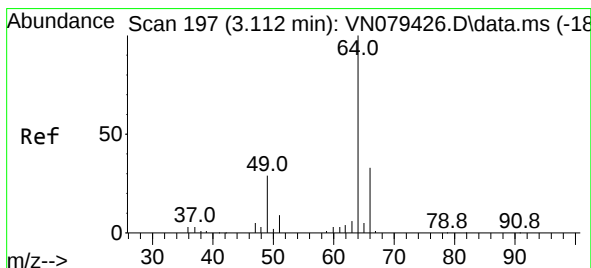
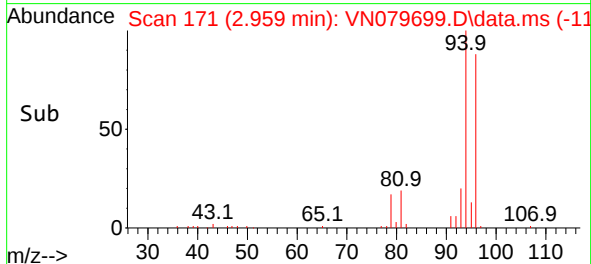
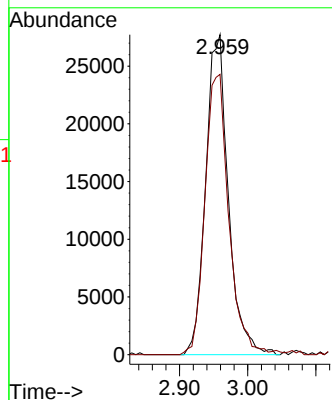
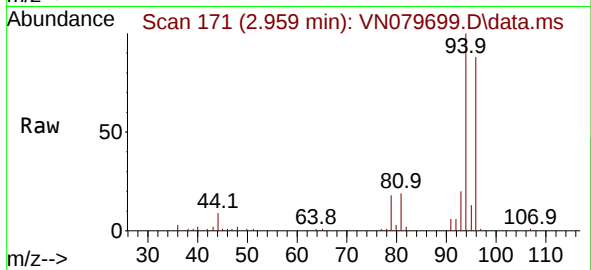
#5
Bromomethane
Concen: 24.476 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
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Tgt Ion: 94 Resp: 64078
Ion Ratio Lower Upper
94 100
96 87.6 73.1 109.7

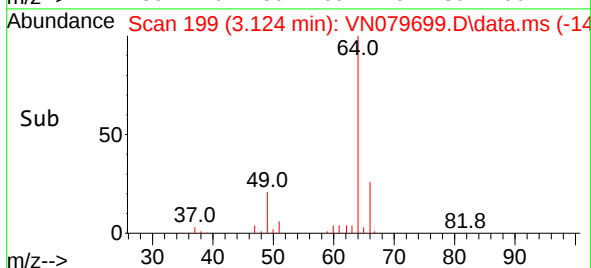
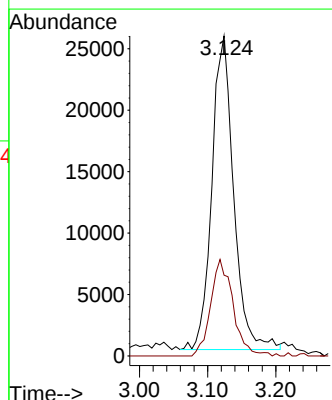
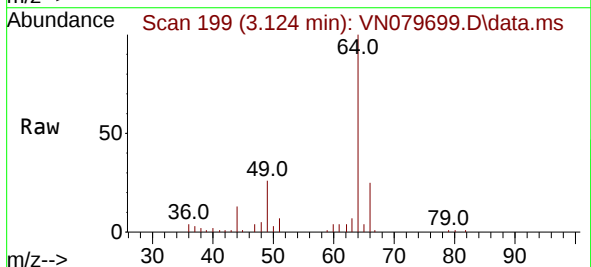
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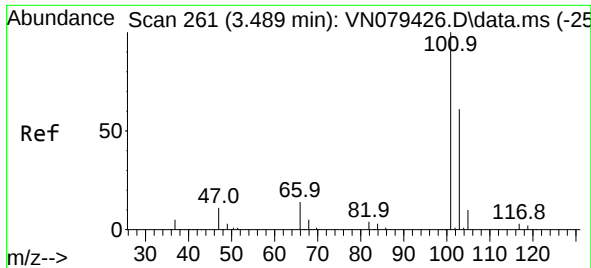
Reviewed By :John Carlone 10/27/2023
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#6
Chloroethane
Concen: 17.237 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 64 Resp: 56831
Ion Ratio Lower Upper
64 100
66 25.8 25.4 38.2





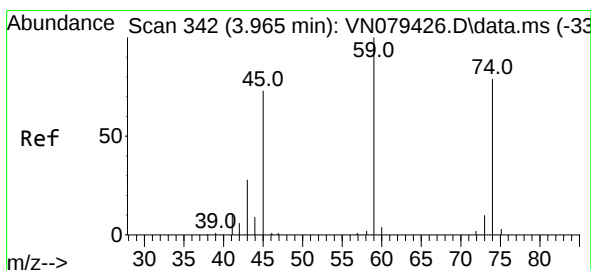
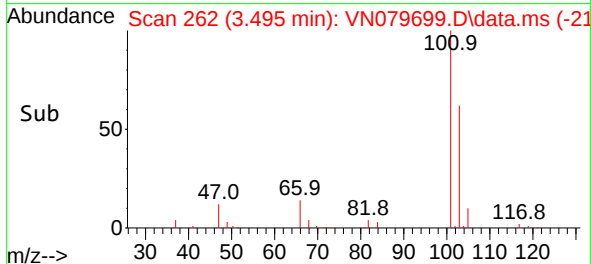
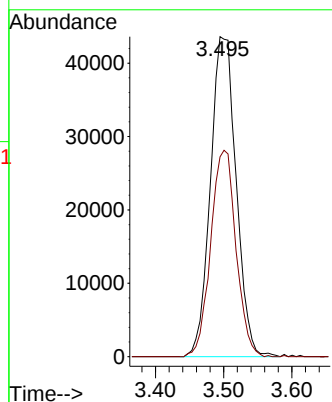
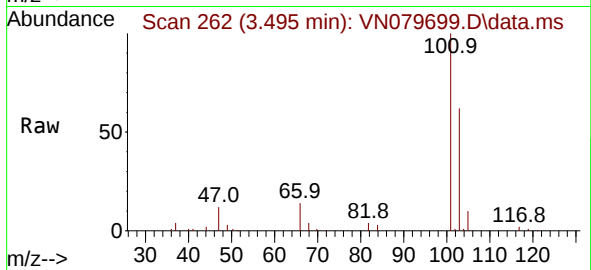
#7
Trichlorofluoromethane
Concen: 22.204 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
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ClientSampleId :
VN1026WBSD01

Tgt Ion:101 Resp: 114649
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1

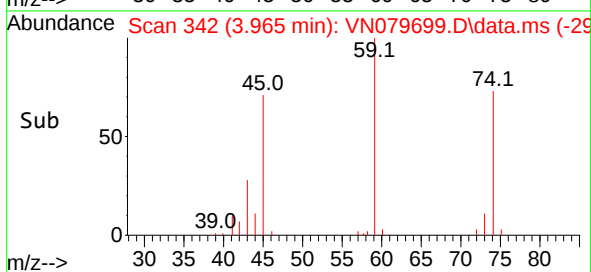
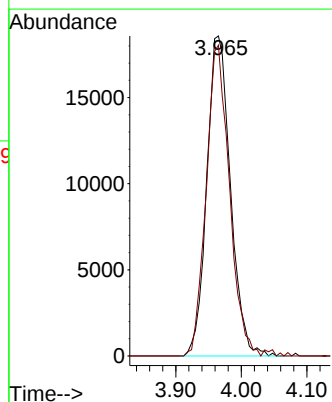
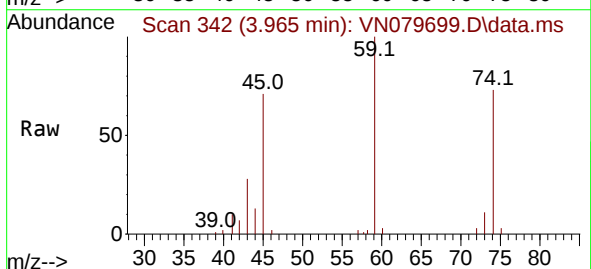
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#8
Diethyl Ether
Concen: 25.362 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 74 Resp: 46685
Ion Ratio Lower Upper
74 100
45 95.0 34.4 103.3





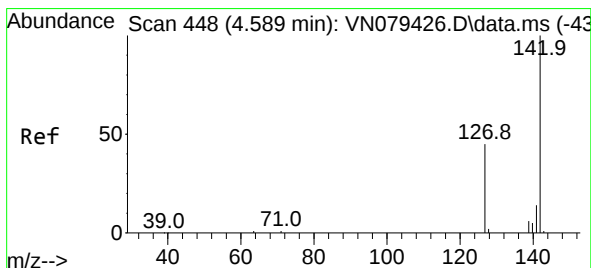
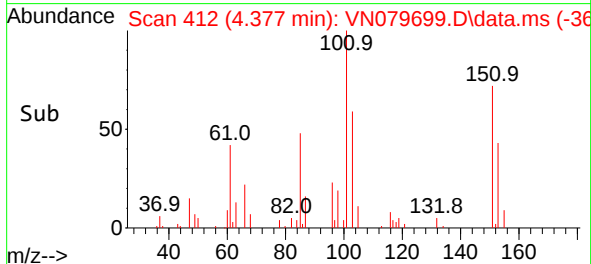
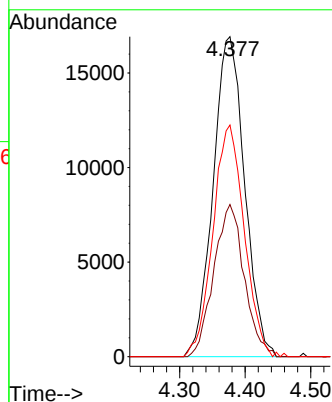
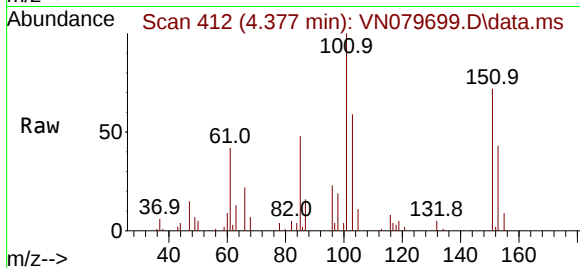
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.710 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079699.D
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MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion:101 Resp: 5645
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 71.9 57.6 86.4

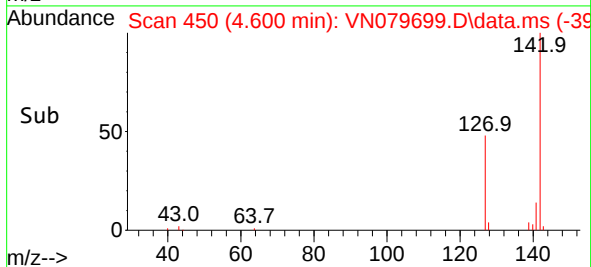
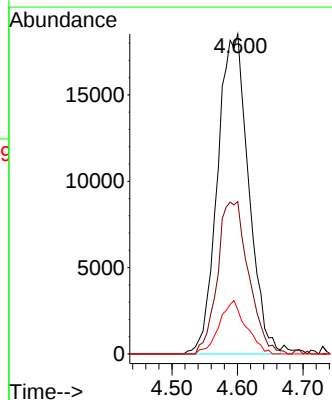
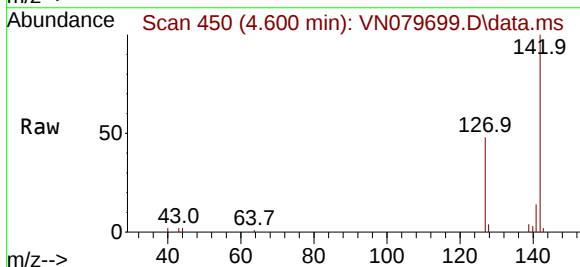
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#10
Methyl Iodide
Concen: 23.194 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.011 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion:142 Resp: 60731
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 13.8 11.4 17.0





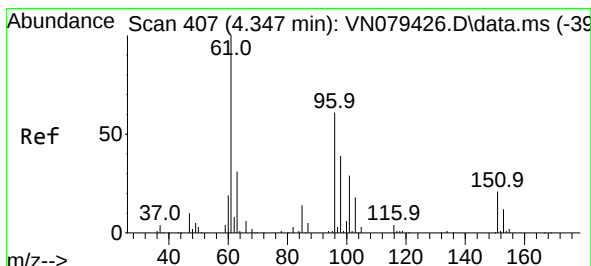
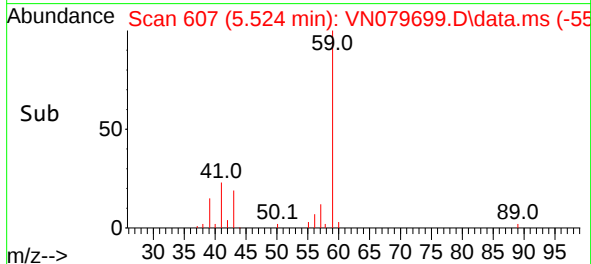
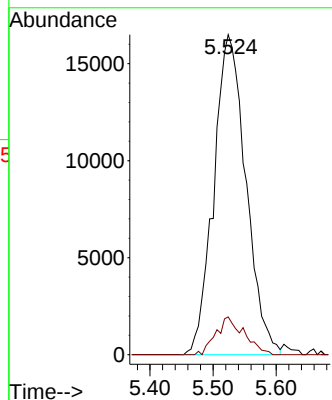
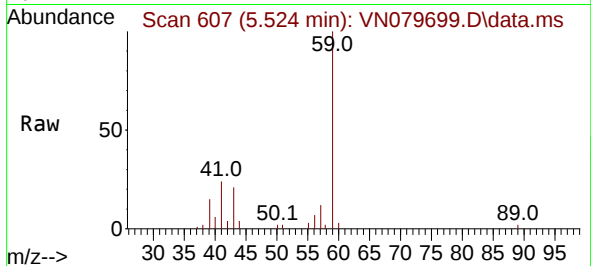
#11
Tert butyl alcohol
Concen: 101.692 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 59 Resp: 5835
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

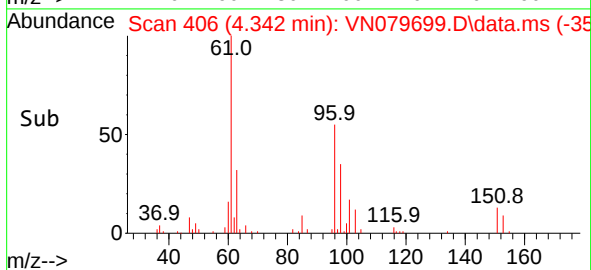
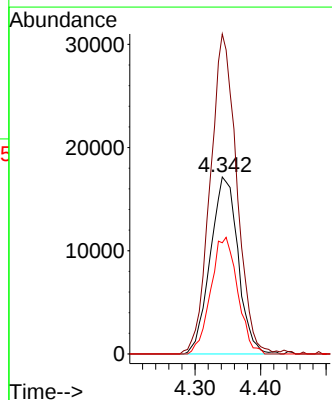
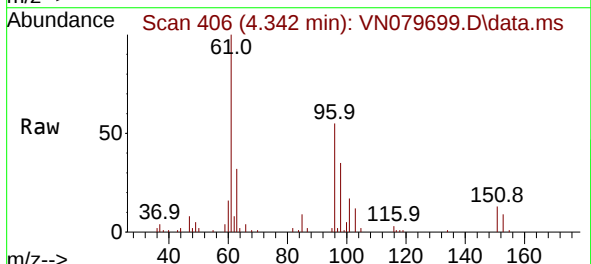
Manual Integrations
APPROVED

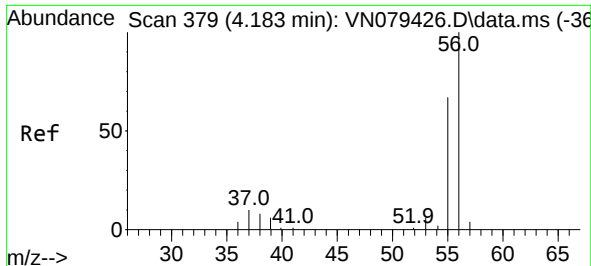
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#12
1,1-Dichloroethene
Concen: 18.127 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 96 Resp: 50361
Ion Ratio Lower Upper
96 100
61 180.9 112.7 169.1#
98 62.9 51.2 76.8





#13

Acrolein

Concen: 96.654 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion: 56 Resp: 5522

Ion Ratio Lower Upper

56 100

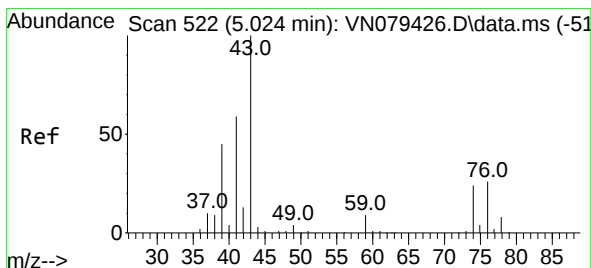
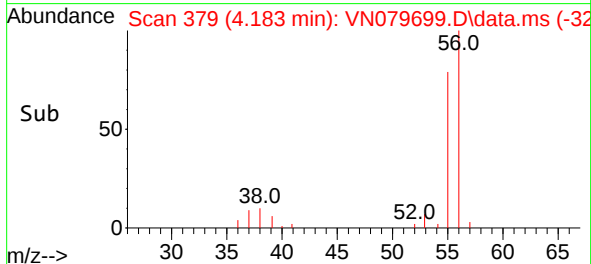
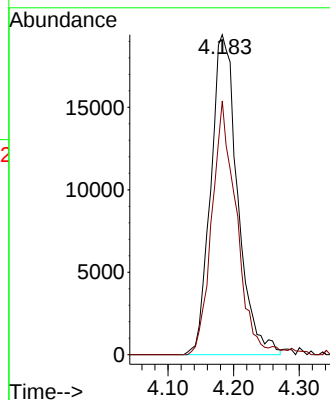
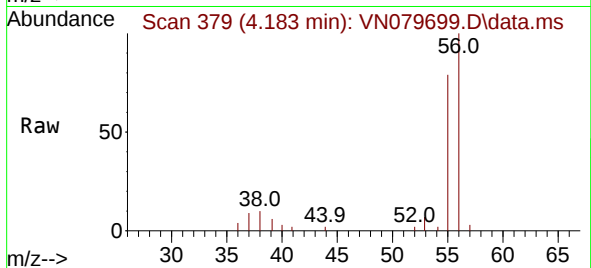
55 72.7 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#14

Allyl chloride

Concen: 21.301 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

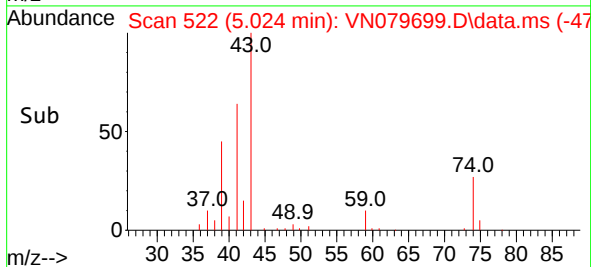
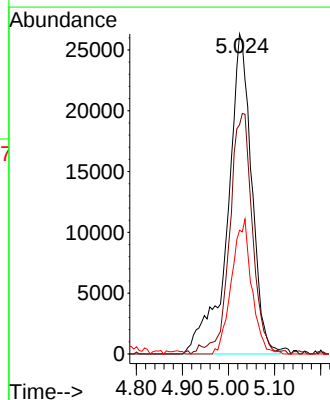
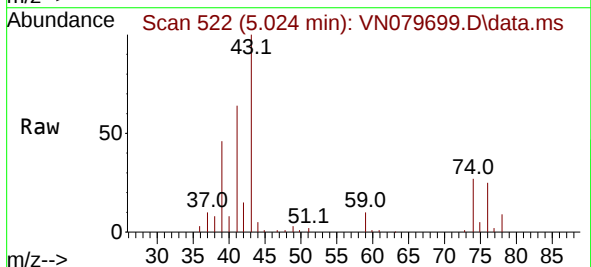
Tgt Ion: 41 Resp: 95503

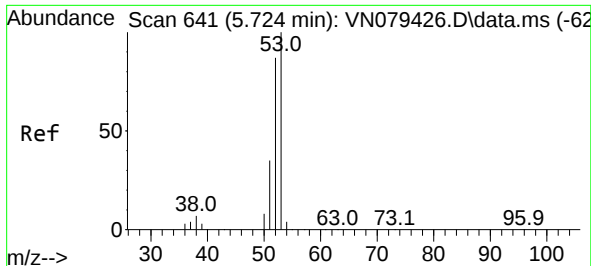
Ion Ratio Lower Upper

41 100

39 70.9 58.8 88.2

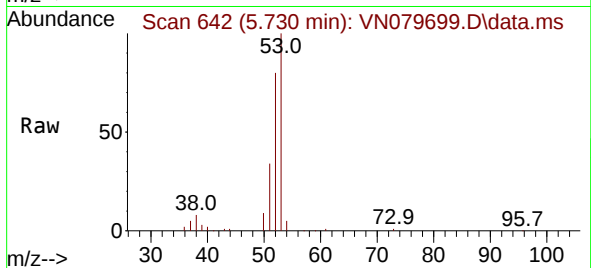
76 35.1 39.1 58.7#





#15
Acrylonitrile
Concen: 108.442 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

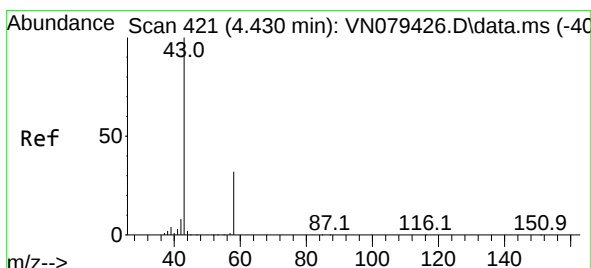
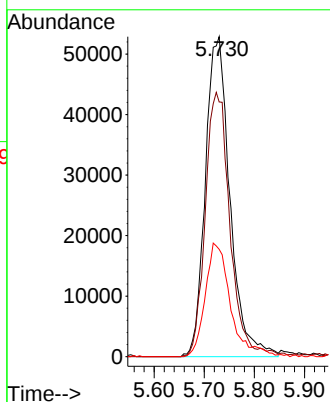
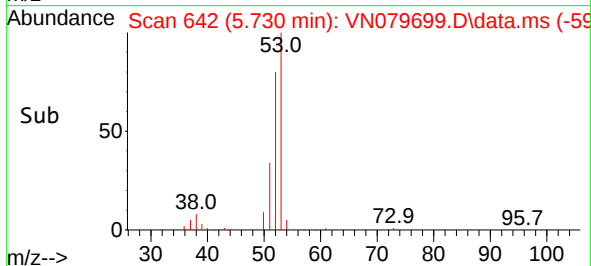
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



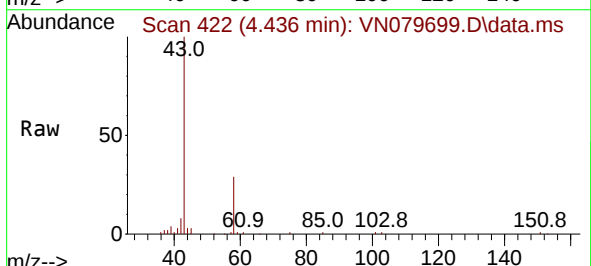
Tgt Ion: 53 Resp: 18041
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 34.7 28.9 43.3

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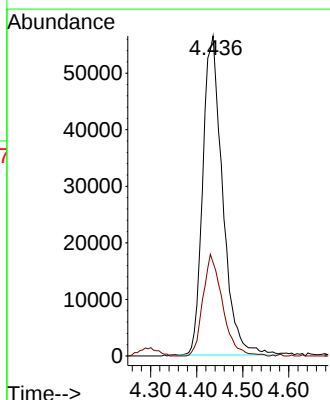
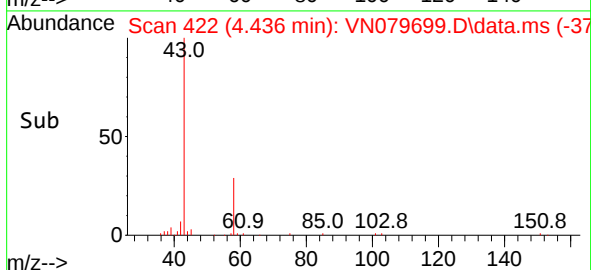
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

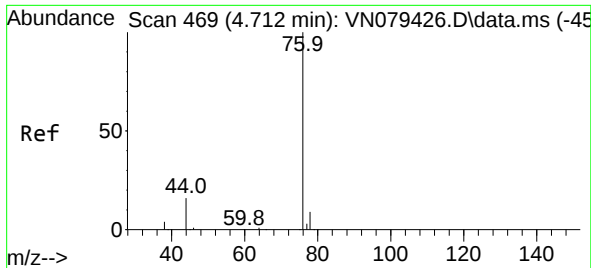


#16
Acetone
Concen: 111.994 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



Tgt Ion: 43 Resp: 169363
Ion Ratio Lower Upper
43 100
58 29.3 28.0 42.0





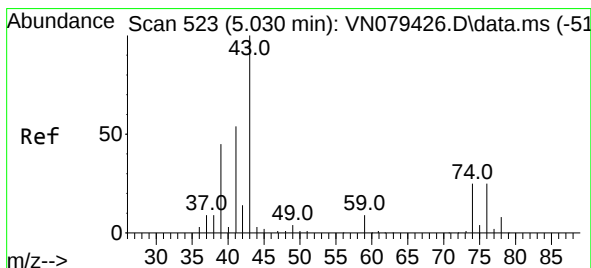
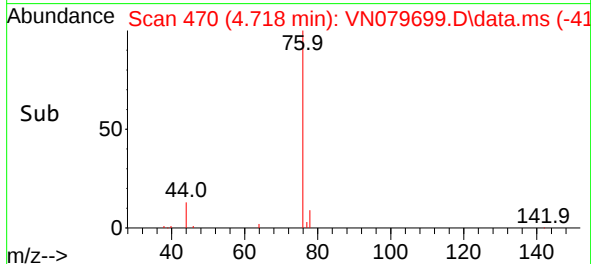
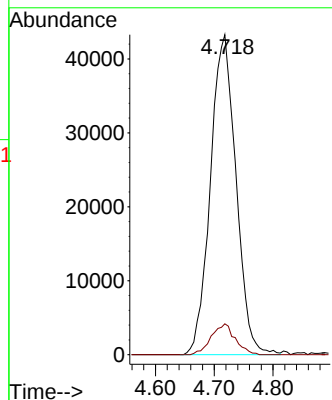
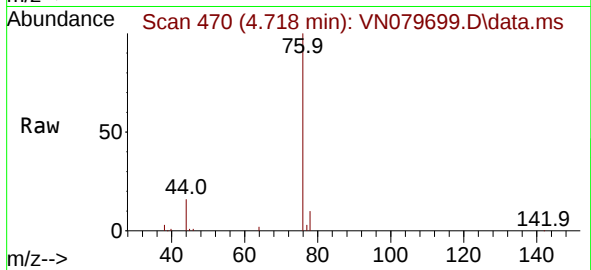
#17
Carbon Disulfide
Concen: 15.117 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 76 Resp: 131009
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

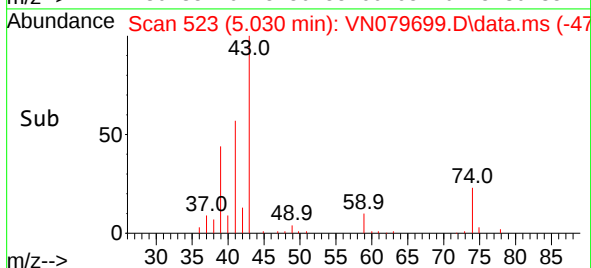
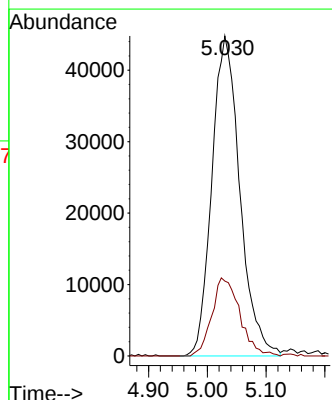
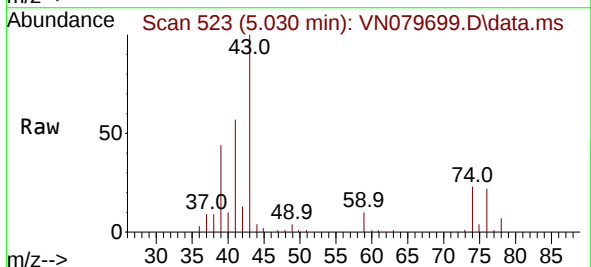
Manual Integrations
APPROVED

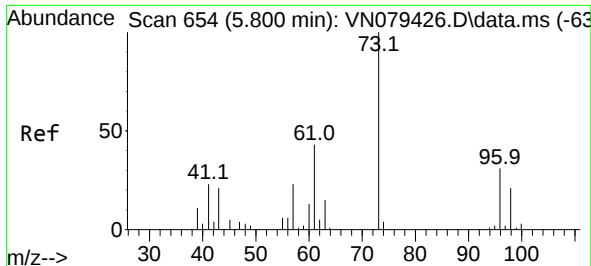
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#18
Methyl Acetate
Concen: 20.014 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 43 Resp: 148140
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#





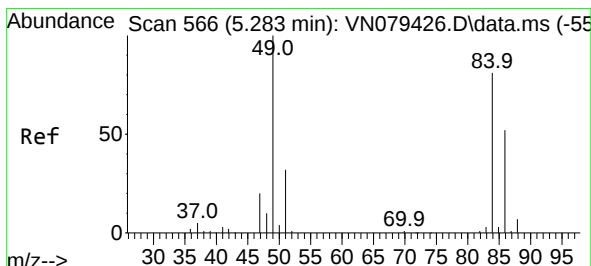
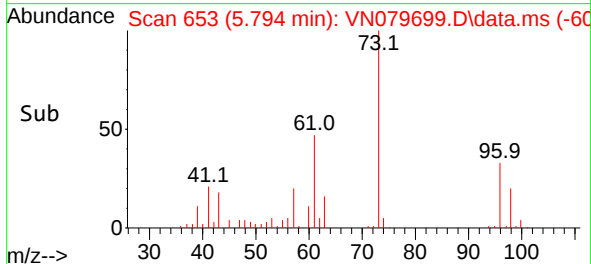
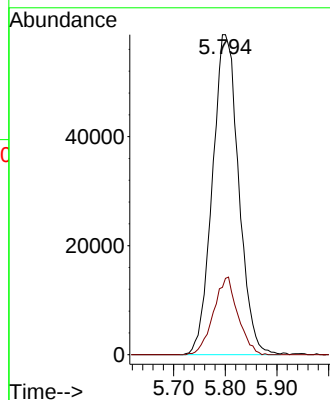
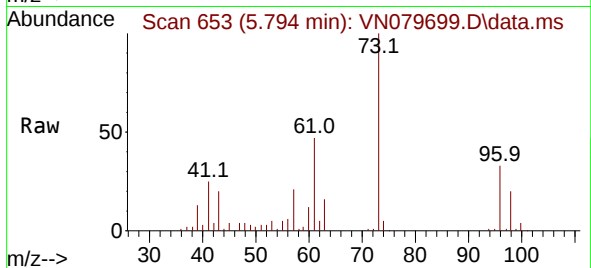
#19
Methyl tert-butyl Ether
Concen: 22.976 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 73 Resp: 20740
Ion Ratio Lower Upper
73 100
57 21.0 15.6 23.4

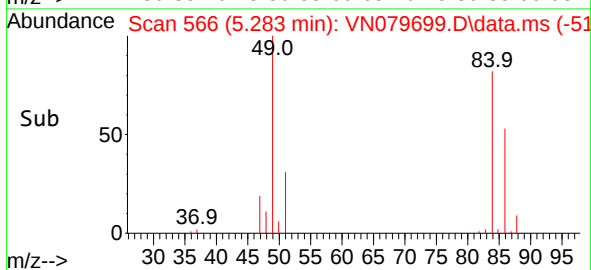
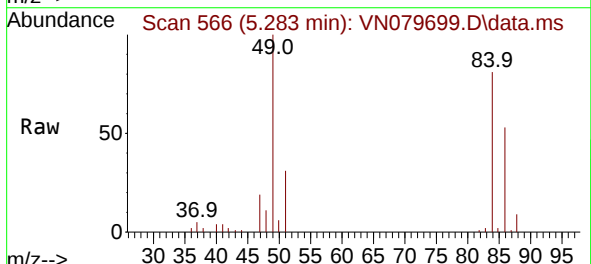
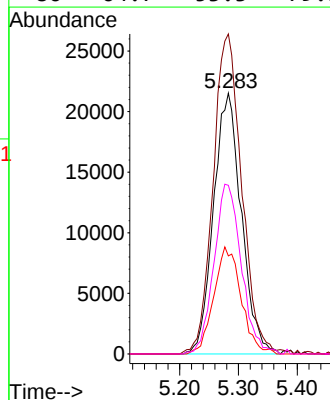
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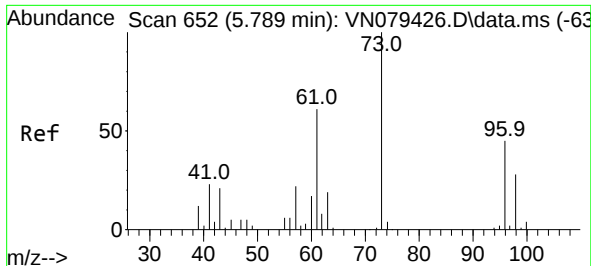
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#20
Methylene Chloride
Concen: 21.016 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 84 Resp: 70750
Ion Ratio Lower Upper
84 100
49 122.7 79.7 119.5#
51 37.6 25.2 37.8
86 64.7 53.3 79.9





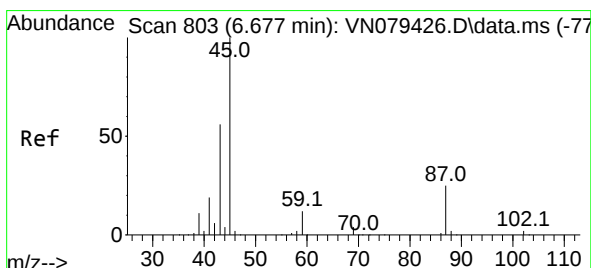
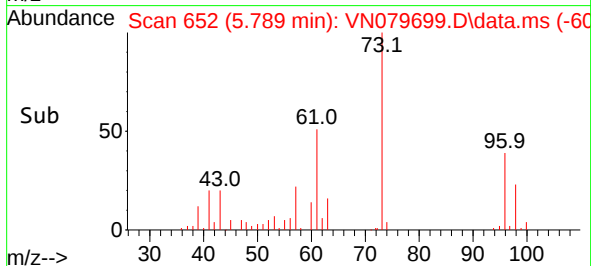
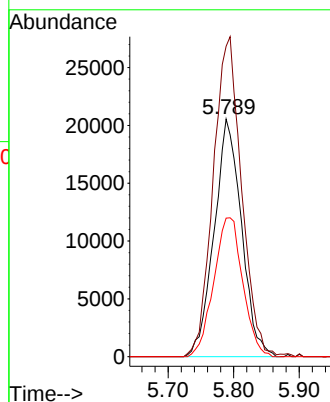
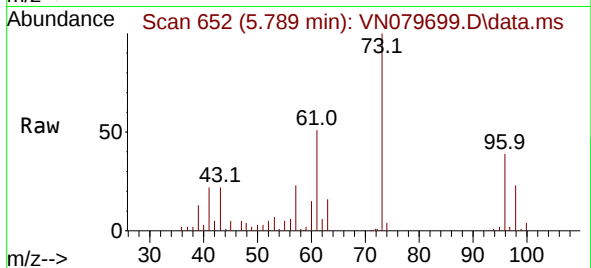
#21
trans-1,2-Dichloroethene
Concen: 18.333 ug/l
RT: 5.789 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 96 Resp: 59489
Ion Ratio Lower Upper
96 100
61 130.6 90.1 135.1
98 58.3 46.4 69.6

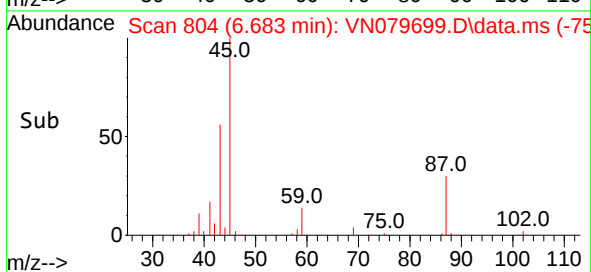
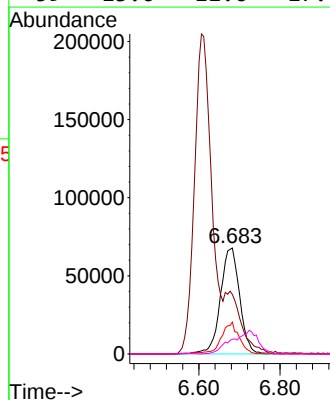
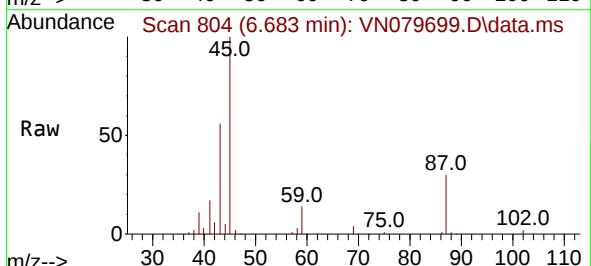
Manual Integrations
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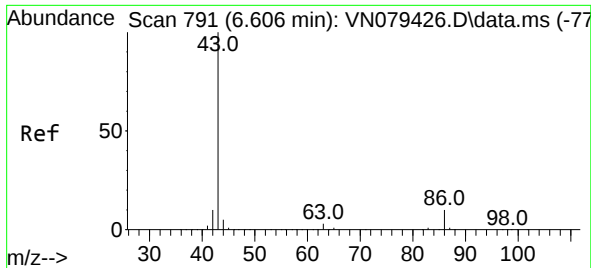
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#22
Diisopropyl ether
Concen: 22.306 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 45 Resp: 224252
Ion Ratio Lower Upper
45 100
43 54.9 45.5 68.3
87 30.0 31.8 47.8#
59 13.6 11.6 17.4





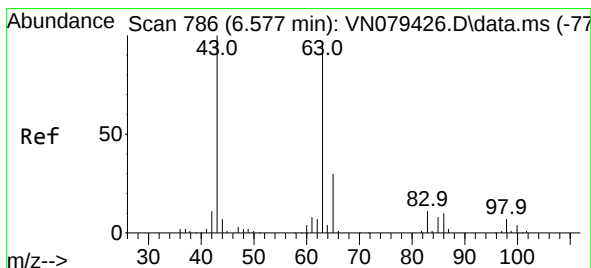
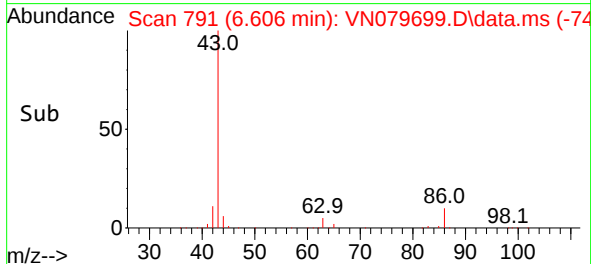
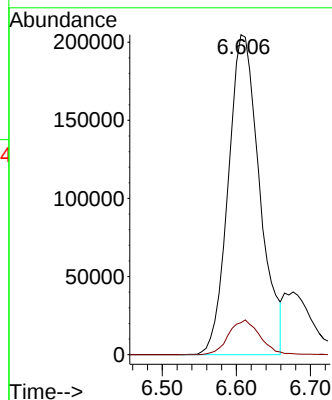
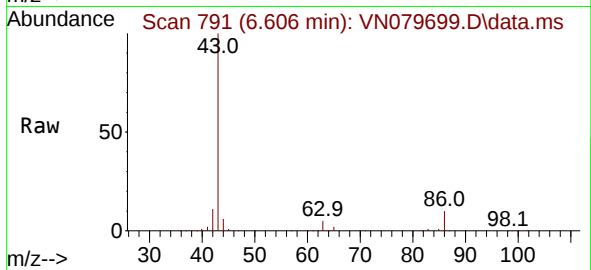
#23
 Vinyl Acetate
 Concen: 106.581 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079699.D
 Acq: 26 Oct 2023 17:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tgt Ion: 43 Resp: 602724
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6

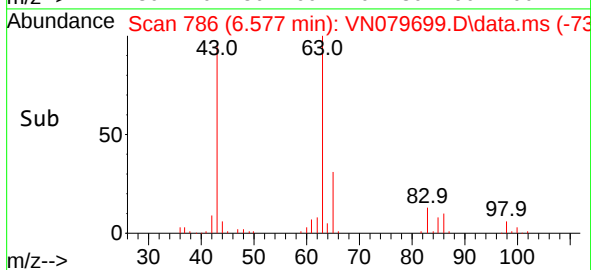
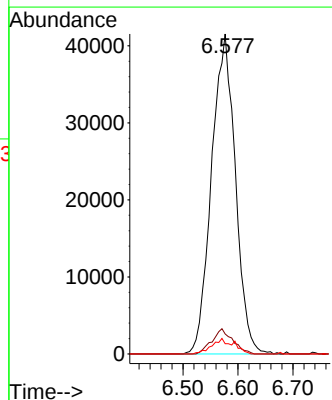
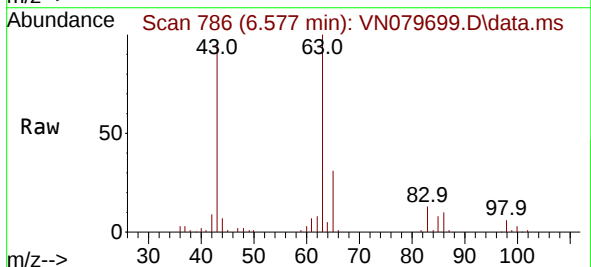
Manual Integrations
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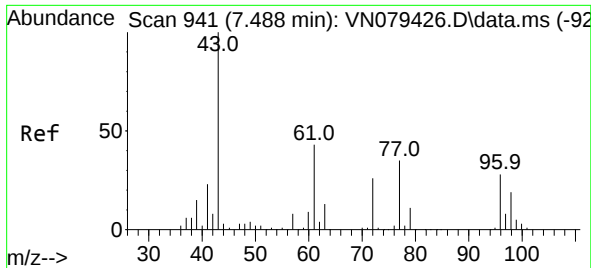
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#24
 1,1-Dichloroethane
 Concen: 20.354 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079699.D
 Acq: 26 Oct 2023 17:00

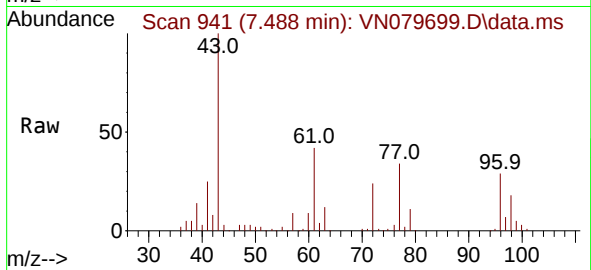
Tgt Ion: 63 Resp: 125235
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 3.2 2.5 7.4





#25
2-Butanone
Concen: 111.268 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

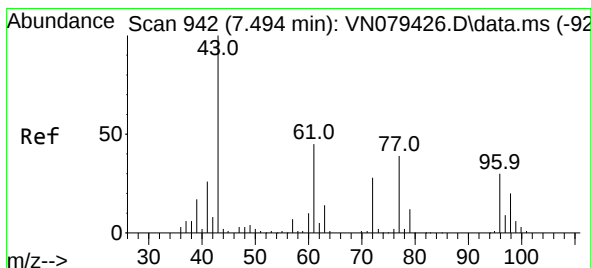
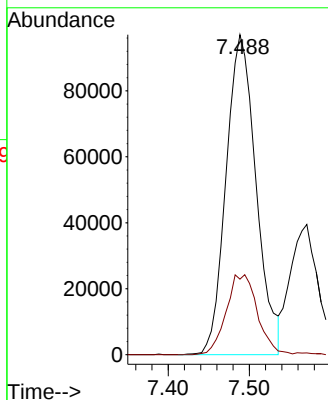
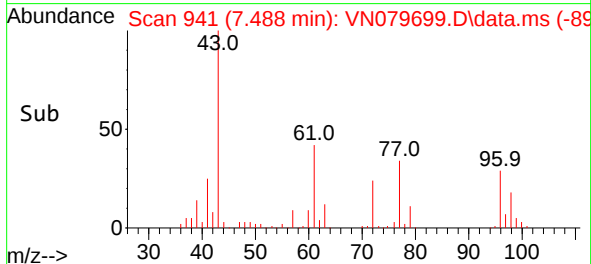
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



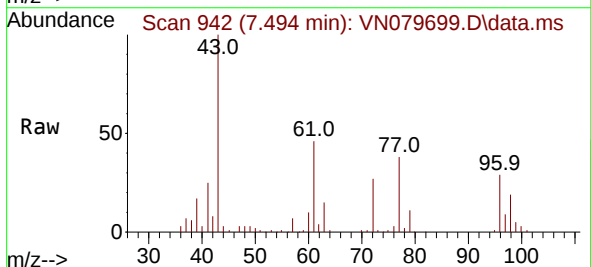
Tgt Ion: 43 Resp: 24974
Ion Ratio Lower Upper
43 100
72 23.6 30.2 45.2

Manual Integrations
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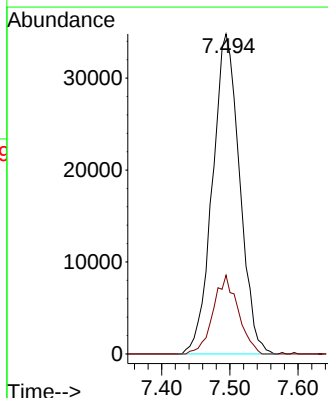
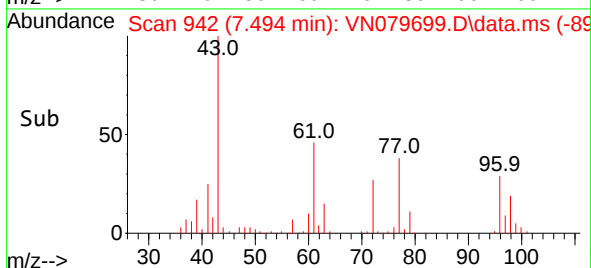
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

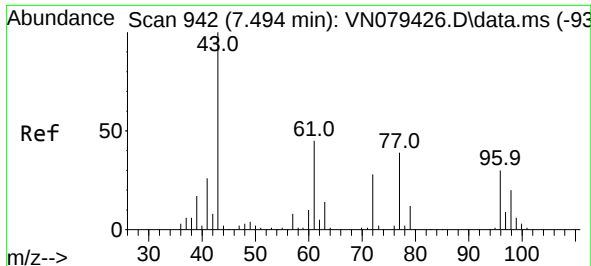


#26
2,2-Dichloropropane
Concen: 20.509 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



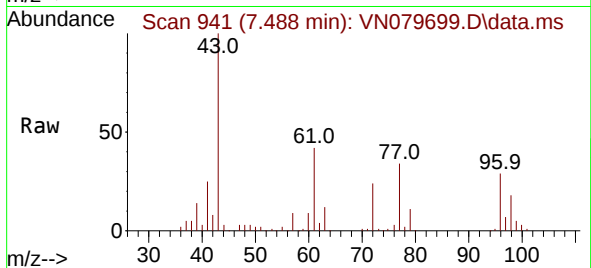
Tgt Ion: 77 Resp: 96436
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 21.148 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

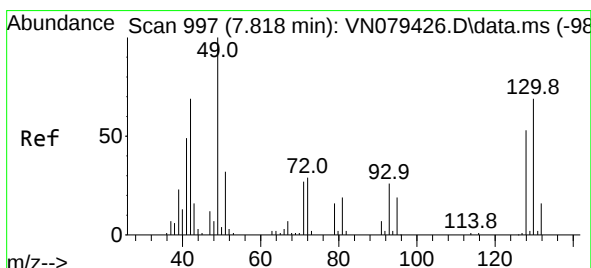
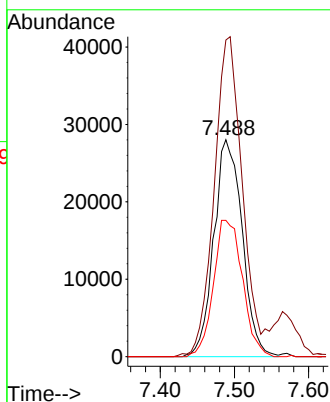
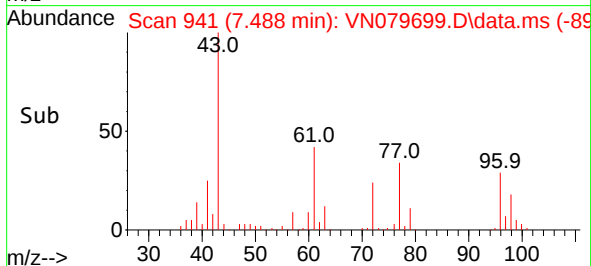
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion: 96 Resp: 74552
Ion Ratio Lower Upper
96 100
61 147.8 0.0 255.2
98 64.2 0.0 128.8

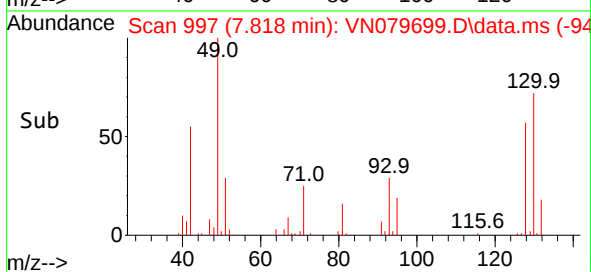
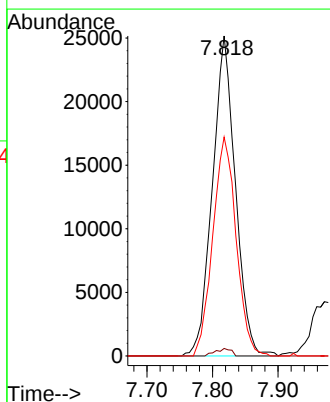
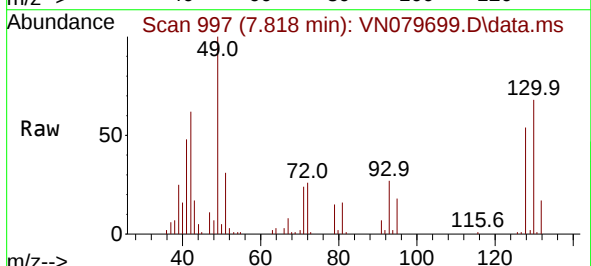
Manual Integrations
APPROVED

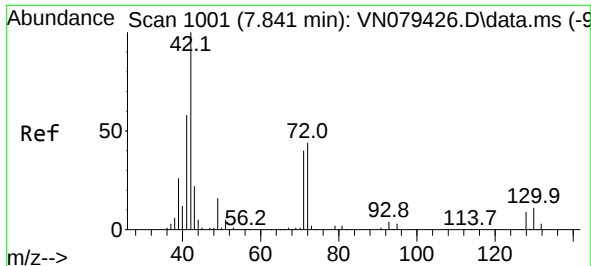
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#28
Bromochloromethane
Concen: 20.890 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

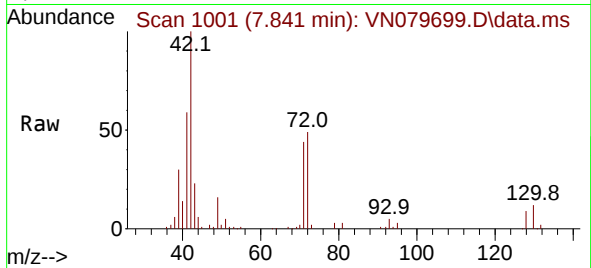
Tgt Ion: 49 Resp: 61156
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.8
130 69.5 75.3 112.9





#29
Tetrahydrofuran
Concen: 107.160 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

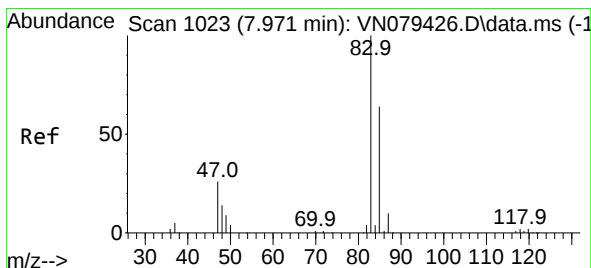
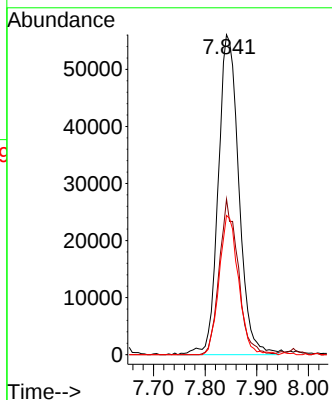
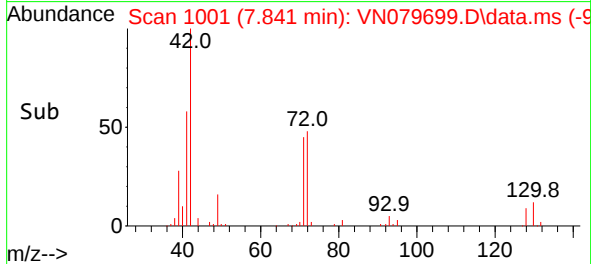
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion: 42 Resp: 155550
Ion Ratio Lower Upper
42 100
72 44.4 49.8 74.6
71 40.8 47.4 71.2

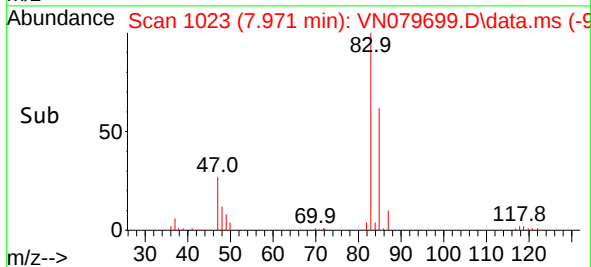
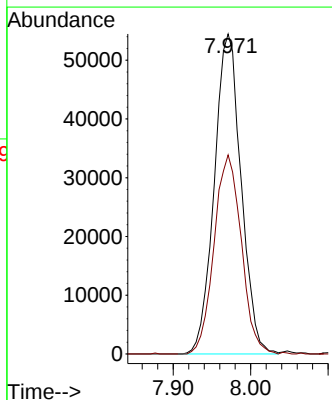
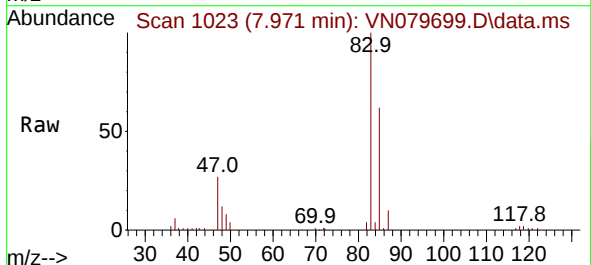
Manual Integrations
APPROVED

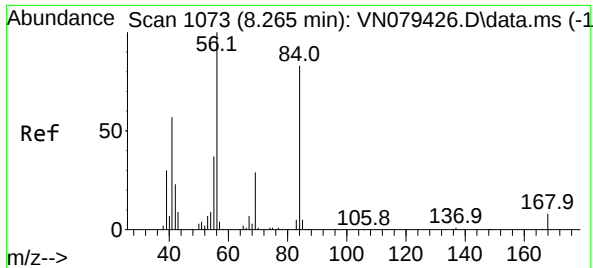
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#30
Chloroform
Concen: 21.108 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

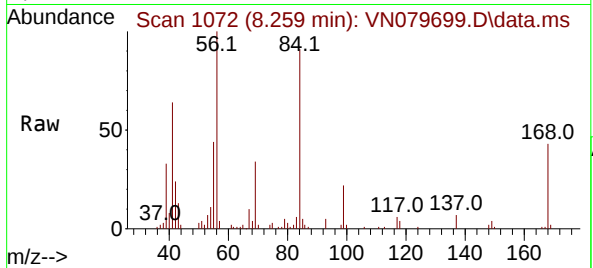
Tgt Ion: 83 Resp: 131221
Ion Ratio Lower Upper
83 100
85 62.2 55.4 83.0





#31
Cyclohexane
Concen: 16.725 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

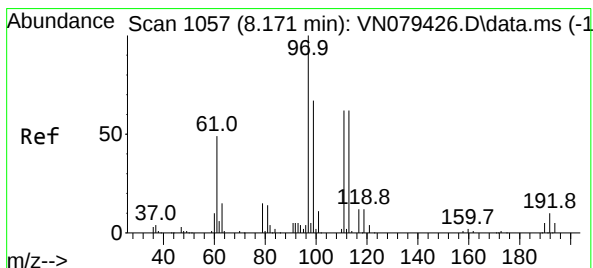
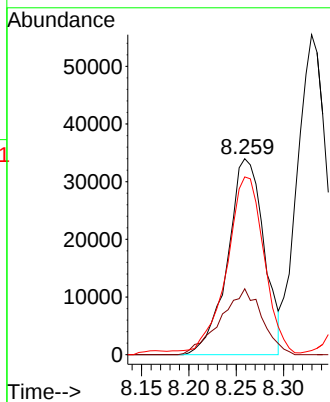
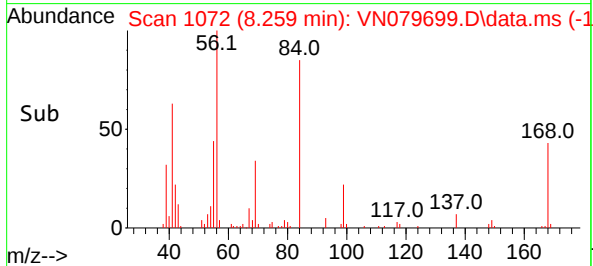
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



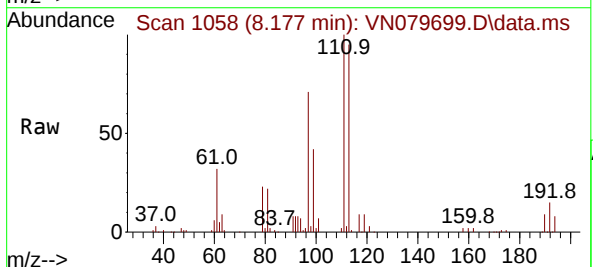
Tgt Ion: 56 Resp: 90454
Ion Ratio Lower Upper
56 100
69 33.6 26.8 40.2
84 88.8 81.8 122.6

Manual Integrations
APPROVED

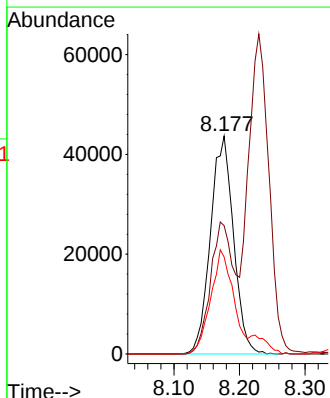
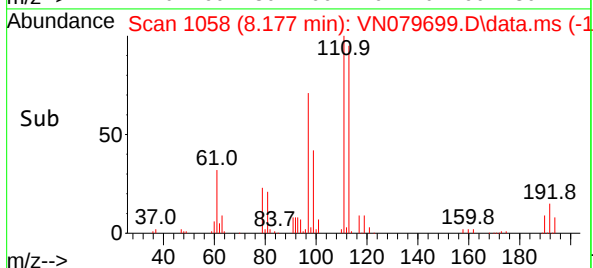
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

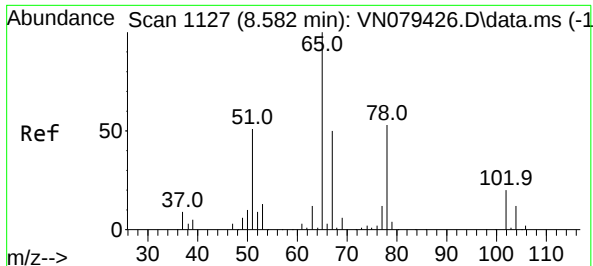


#32
1,1,1-Trichloroethane
Concen: 20.345 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



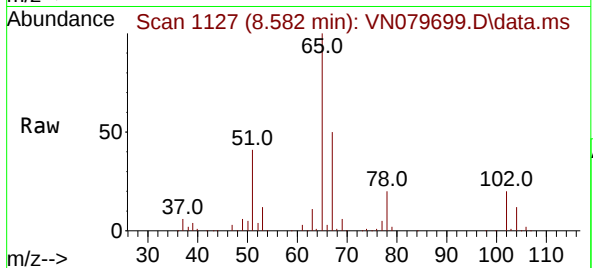
Tgt Ion: 97 Resp: 106442
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 47.3 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 51.624 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

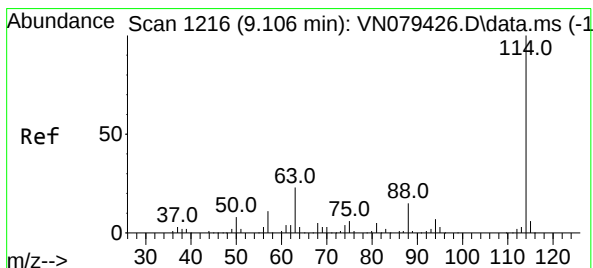
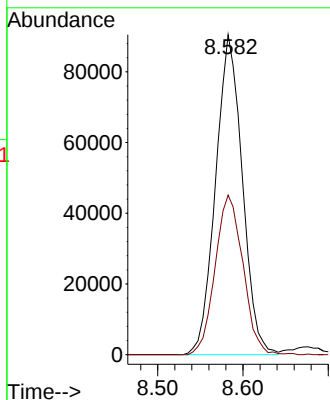
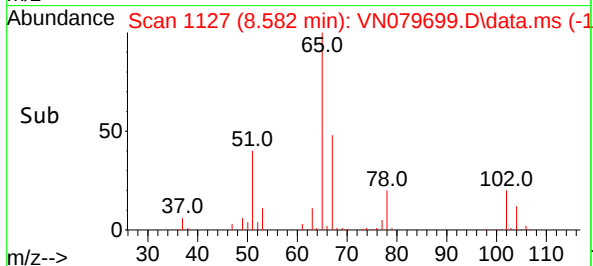
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



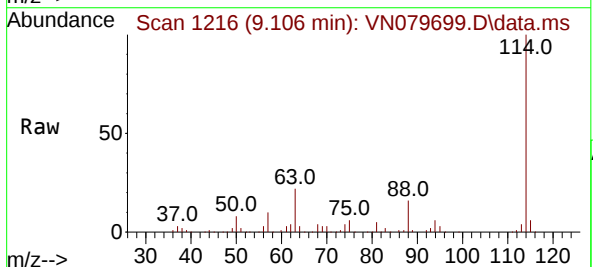
Tgt Ion: 65 Resp: 196820
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.6

Manual Integrations
APPROVED

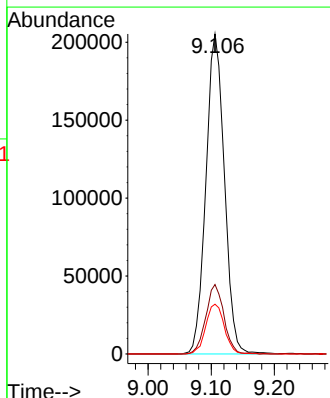
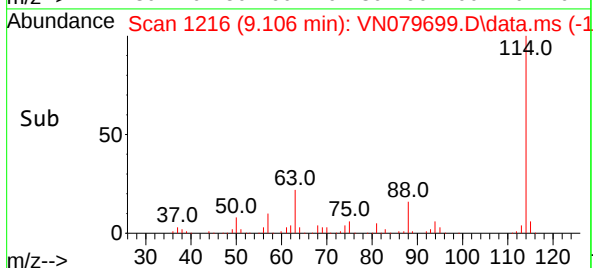
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

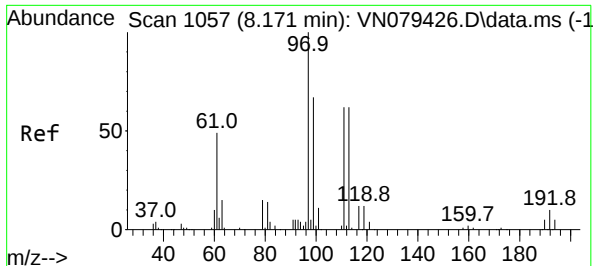


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



Tgt Ion:114 Resp: 417557
Ion Ratio Lower Upper
114 100
63 21.7 0.0 36.4
88 15.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.330 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion: 113 Resp: 151020

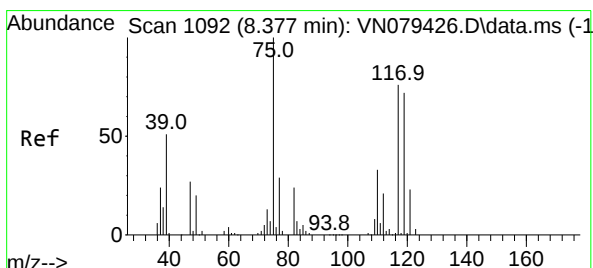
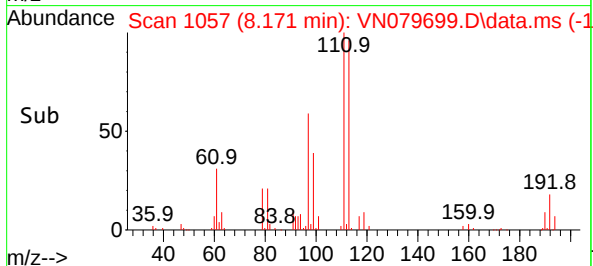
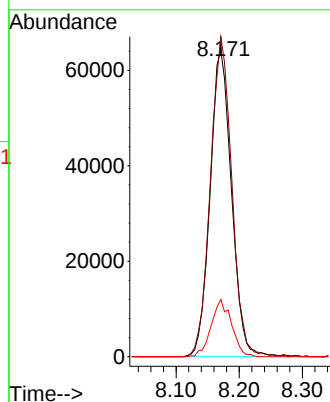
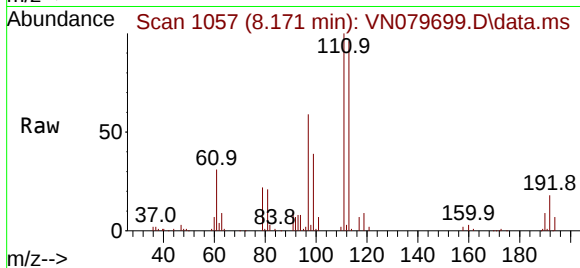
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	123.8
192	17.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#36

1,1-Dichloropropene

Concen: 19.470 ug/l

RT: 8.377 min Scan# 1092

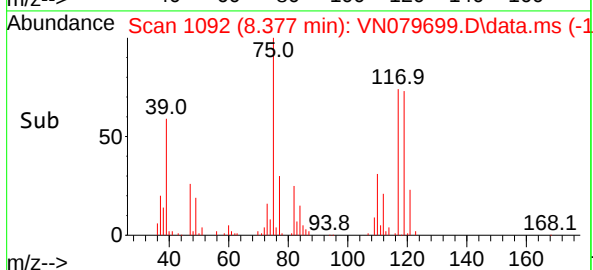
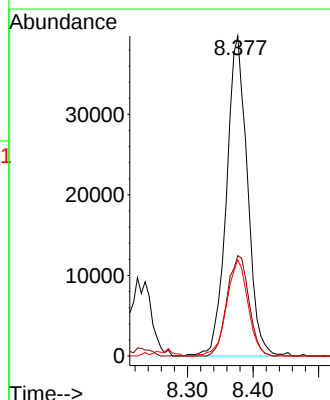
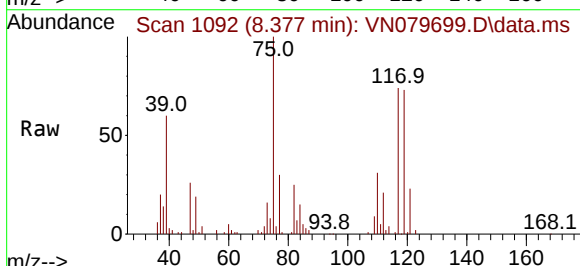
Delta R.T. -0.000 min

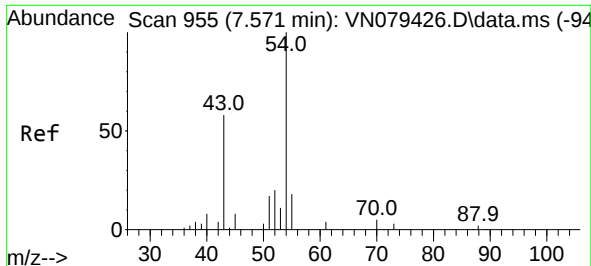
Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Tgt Ion: 75 Resp: 87688

Ion	Ratio	Lower	Upper
75	100		
110	32.9	19.1	57.3
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 21.568 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

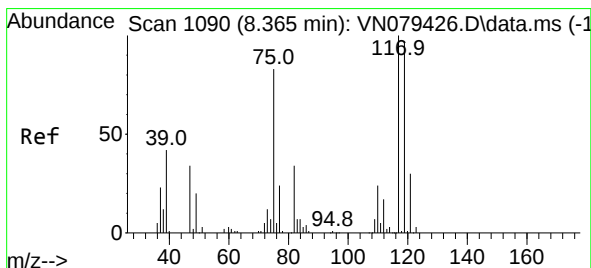
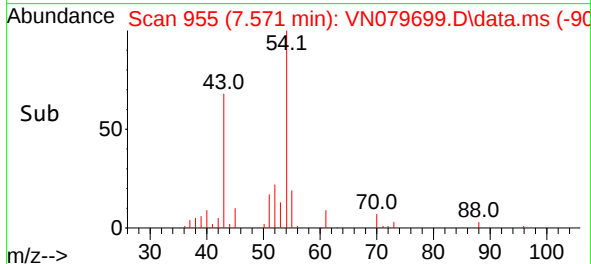
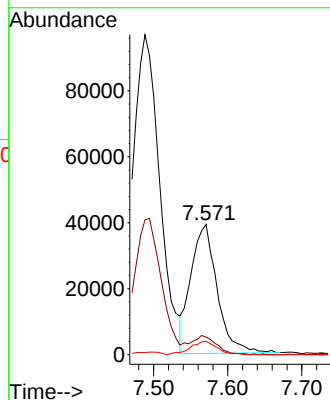
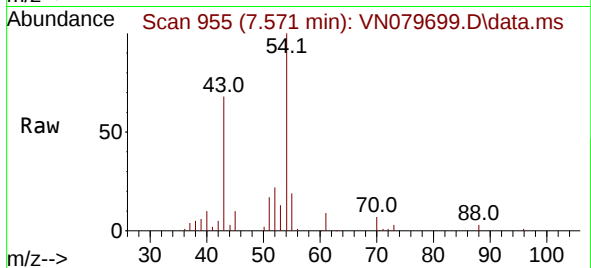
Tgt Ion: 43	Resp: 9665
Ion Ratio	Lower Upper
43 100	
61 12.5	13.2 19.8
70 10.4	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#38

Carbon Tetrachloride

Concen: 19.462 ug/l

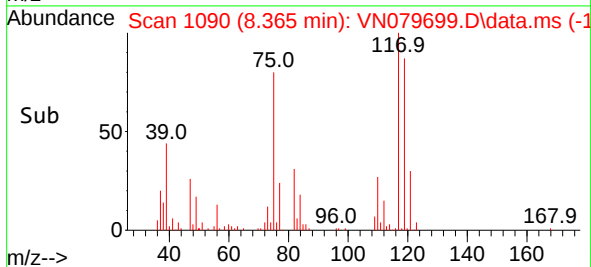
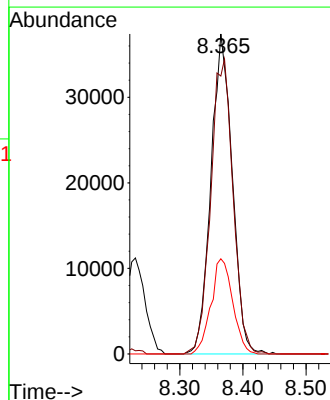
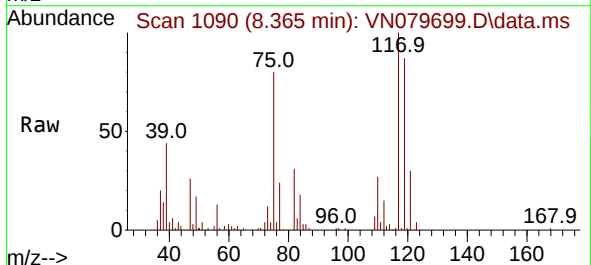
RT: 8.365 min Scan# 1090

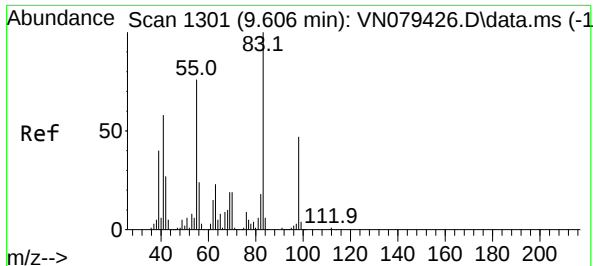
Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Tgt Ion: 117	Resp: 87747
Ion Ratio	Lower Upper
117 100	
119 86.9	77.3 115.9
121 29.7	23.3 34.9





#39

Methylcyclohexane

Concen: 18.402 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion: 83 Resp: 7962

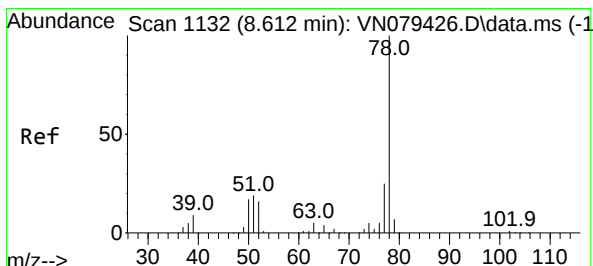
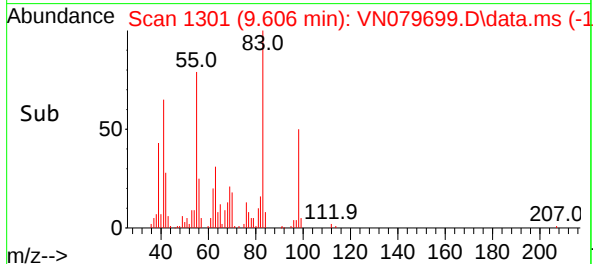
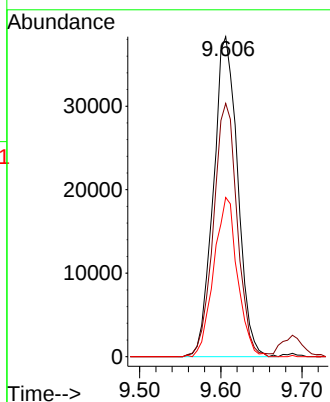
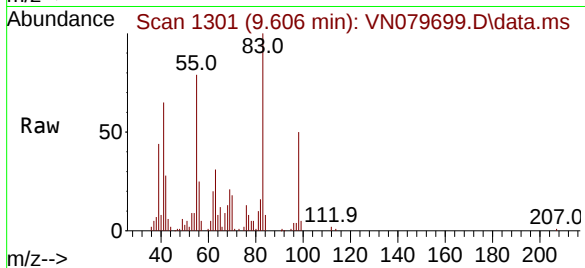
Ion	Ratio	Lower	Upper
83	100		
55	79.1	49.1	73.7
98	49.8	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#40

Benzene

Concen: 20.818 ug/l

RT: 8.612 min Scan# 1132

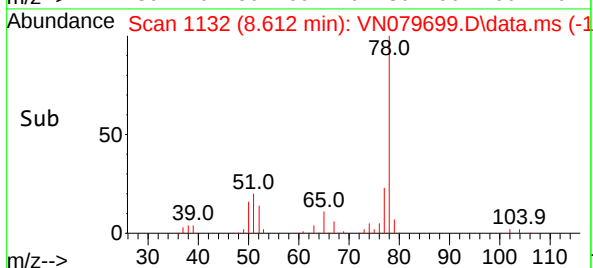
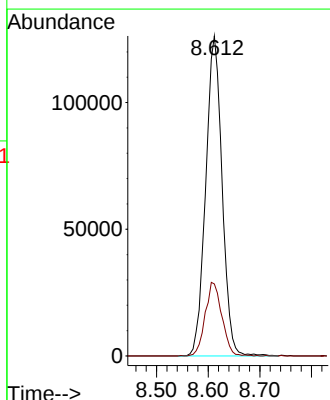
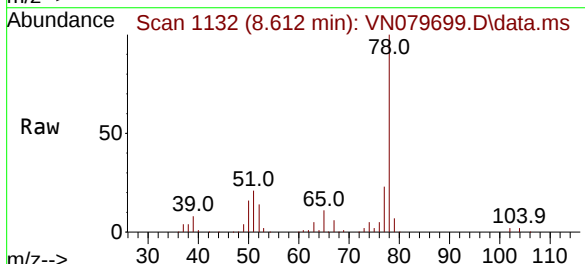
Delta R.T. -0.000 min

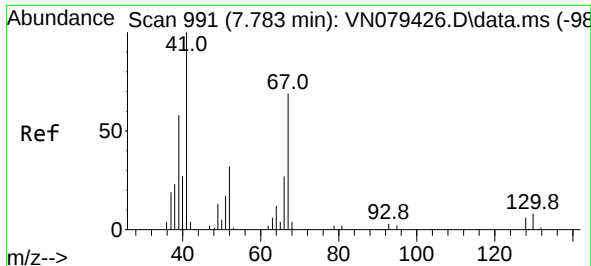
Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Tgt Ion: 78 Resp: 278445

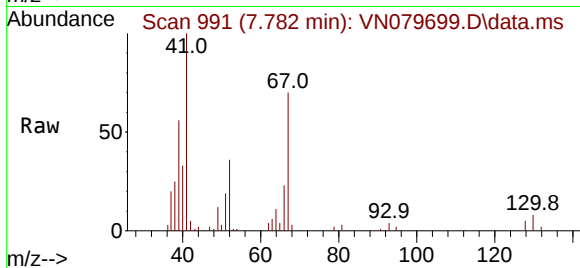
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.6





#41
Methacrylonitrile
Concen: 21.960 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

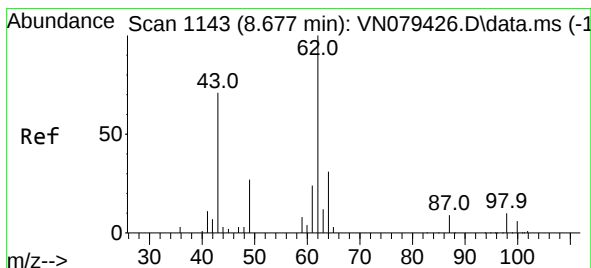
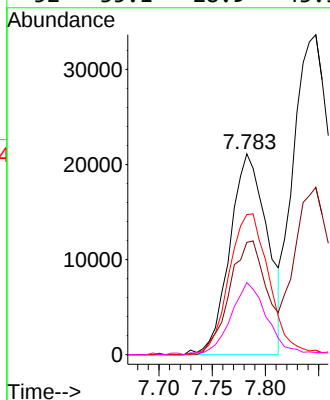
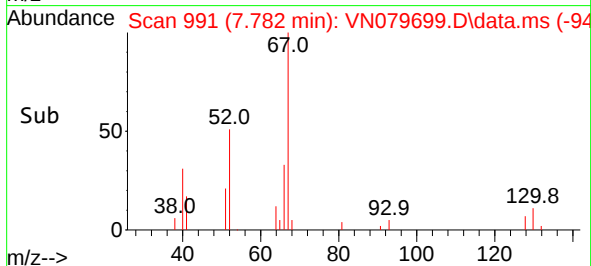
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



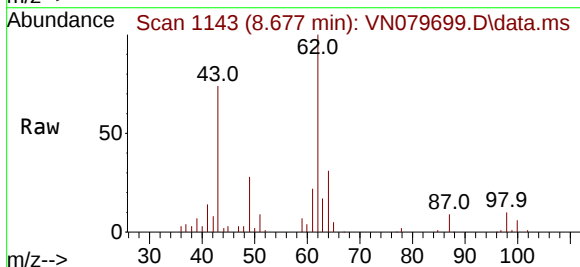
Tgt Ion: 41 Resp: 5173
Ion Ratio Lower Upper
41 100
39 56.8 42.6 64.0
67 75.2 77.5 116.3
52 35.1 28.9 43.3

Manual Integrations
APPROVED

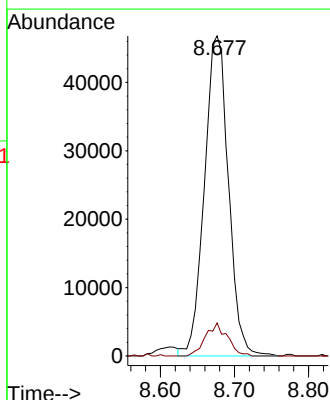
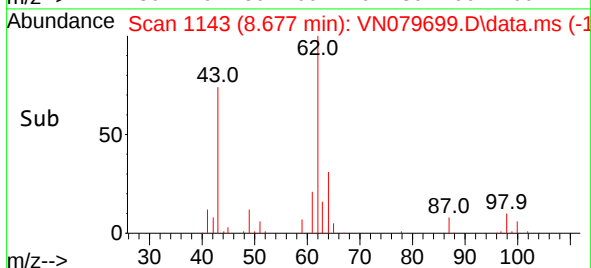
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

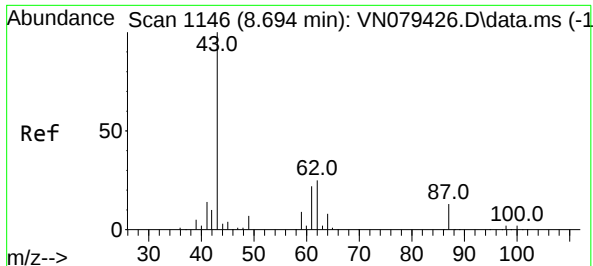


#42
1,2-Dichloroethane
Concen: 21.693 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



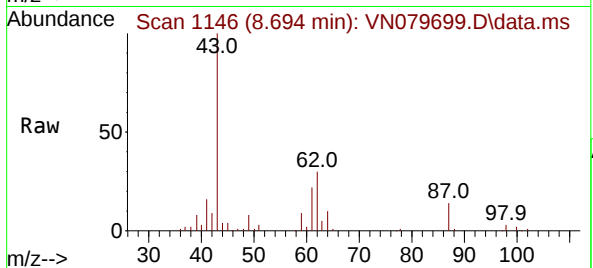
Tgt Ion: 62 Resp: 105426
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.452 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

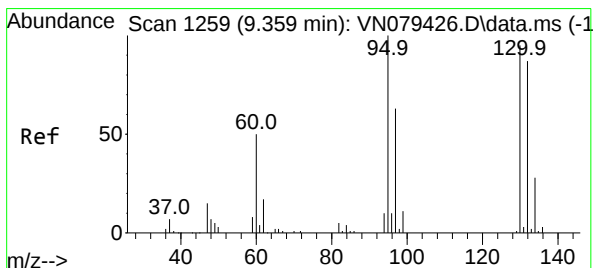
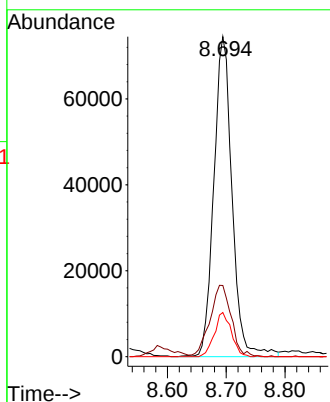
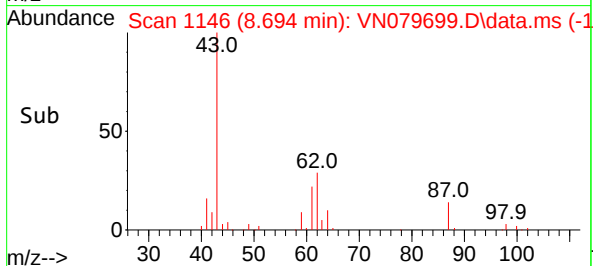
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



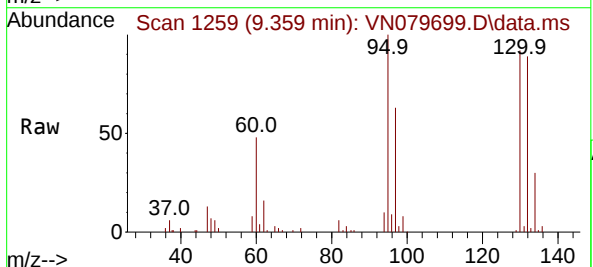
Tgt Ion: 43 Resp: 160570
Ion Ratio Lower Upper
43 100
61 26.0 24.7 37.1
87 12.8 14.6 21.8

Manual Integrations
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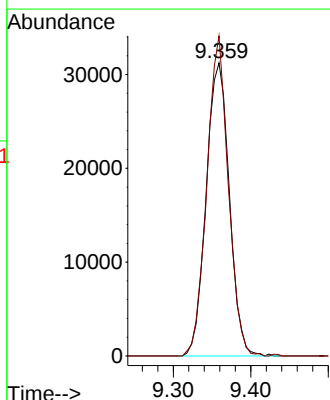
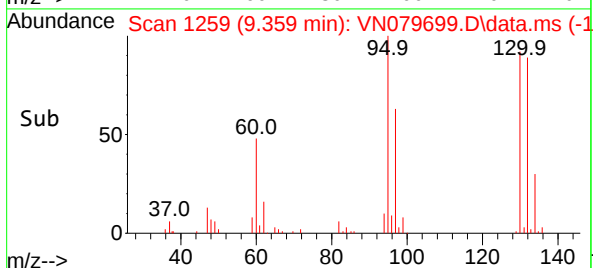
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

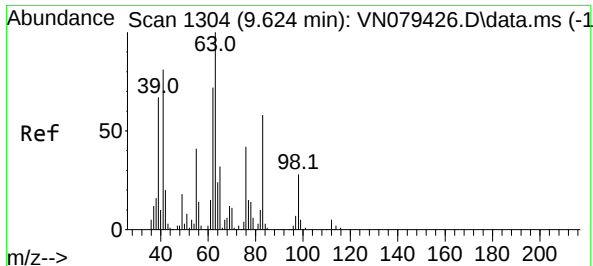


#44
Trichloroethene
Concen: 20.608 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



Tgt Ion:130 Resp: 64876
Ion Ratio Lower Upper
130 100
95 109.2 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.339 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion: 63 Resp: 75200

Ion Ratio Lower Upper

63 100

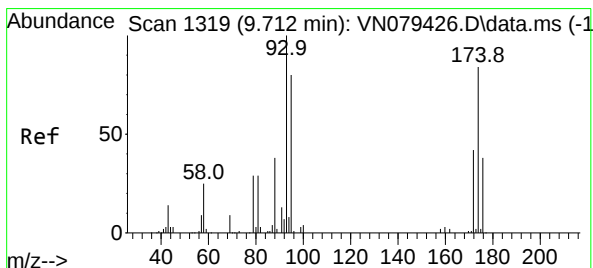
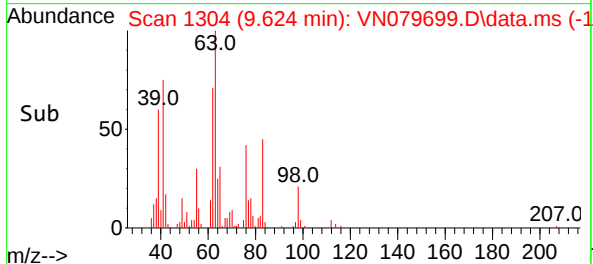
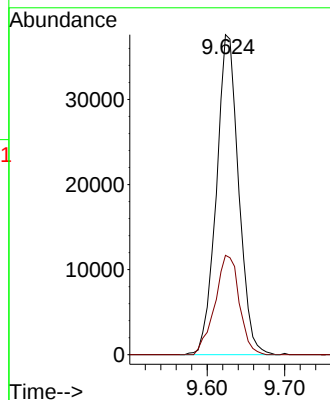
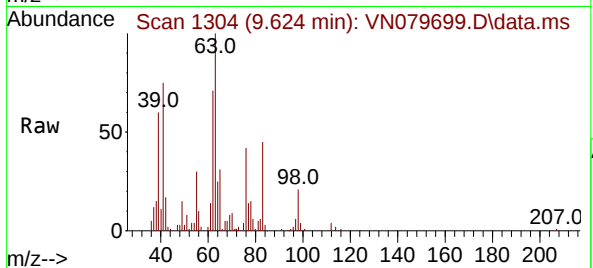
65 31.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#46

Dibromomethane

Concen: 22.399 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

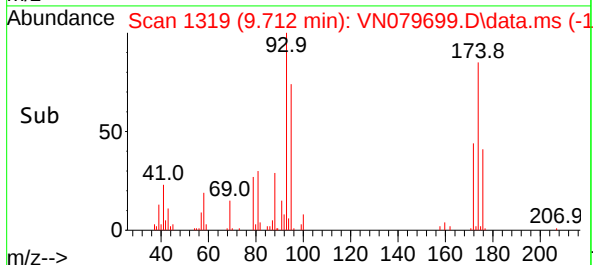
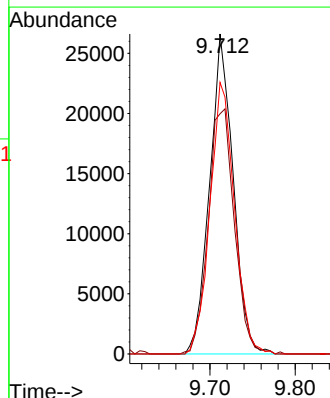
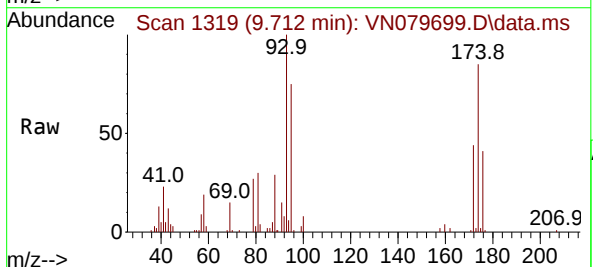
Tgt Ion: 93 Resp: 51124

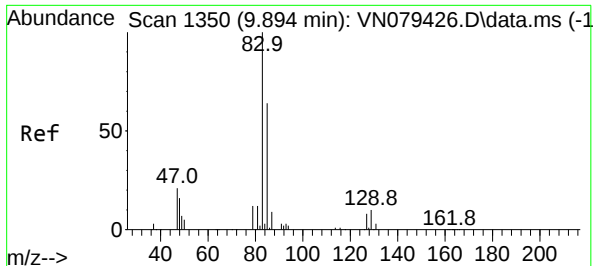
Ion Ratio Lower Upper

93 100

95 85.0 63.8 95.8

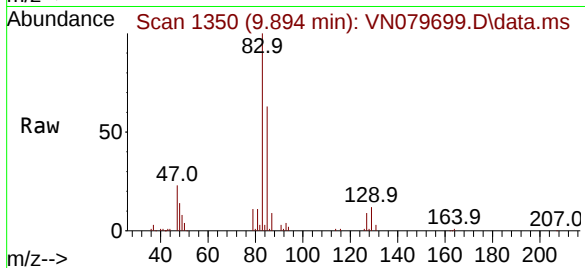
174 88.4 65.6 98.4





#47
Bromodichloromethane
Concen: 22.011 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

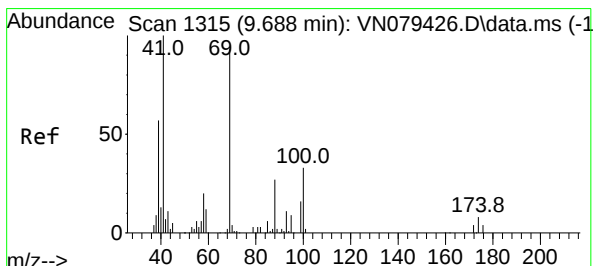
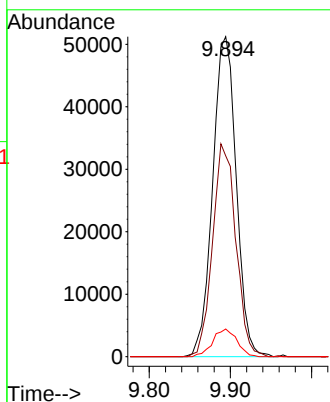
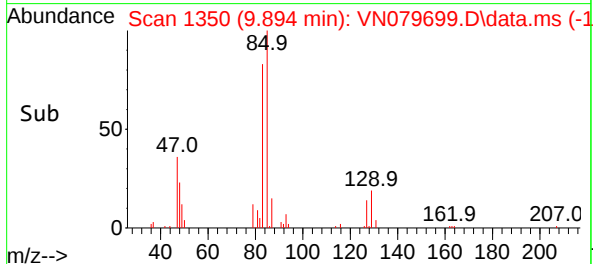
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion: 83 Resp: 103338
Ion Ratio Lower Upper
83 100
85 62.8 49.6 74.4
127 8.6 7.0 10.6

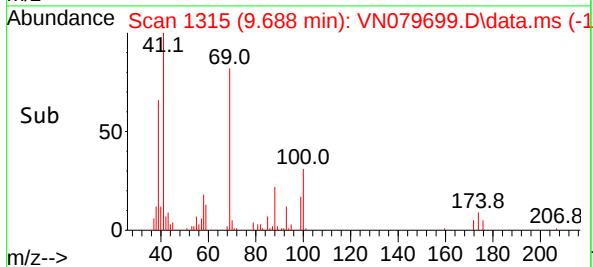
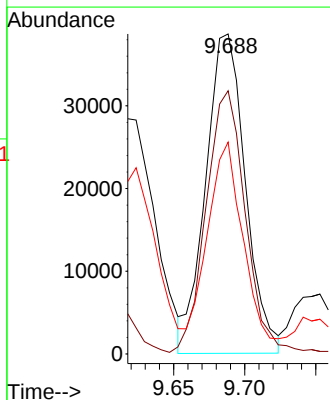
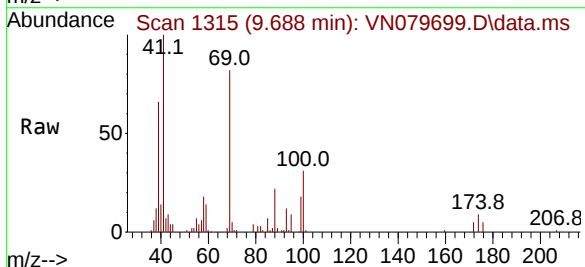
Manual Integrations
APPROVED

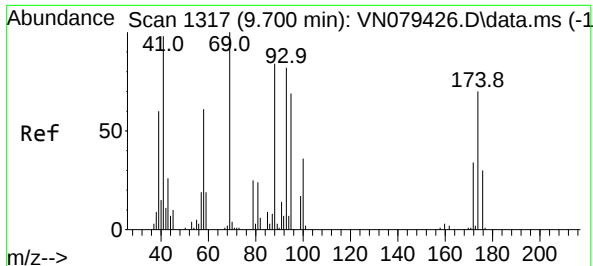
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#48
Methyl methacrylate
Concen: 22.337 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 41 Resp: 75150
Ion Ratio Lower Upper
41 100
69 82.9 90.4 135.6#
39 60.3 54.6 81.8





#49

1,4-Dioxane

Concen: 441.283 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion: 88 Resp: 27340

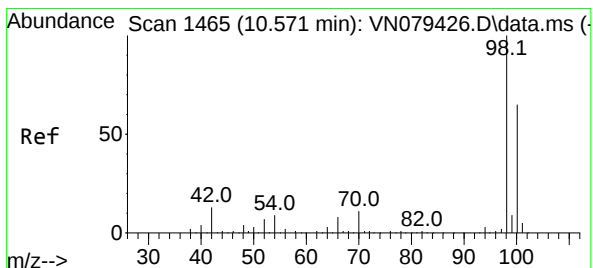
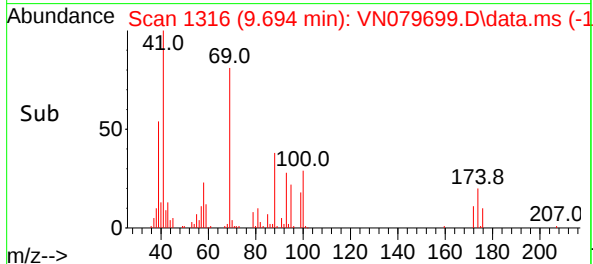
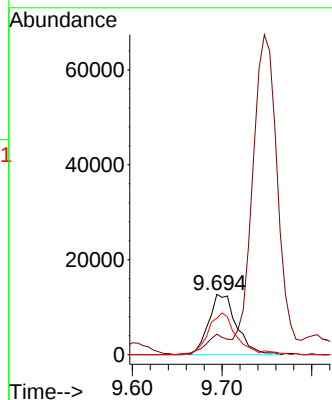
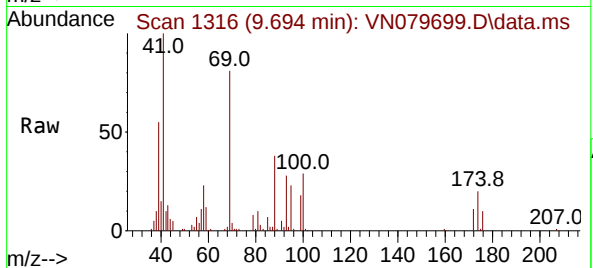
Ion	Ratio	Lower	Upper
88	100		
43	29.7	17.0	25.6
58	70.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#50

Toluene-d8

Concen: 50.301 ug/l

RT: 10.571 min Scan# 1465

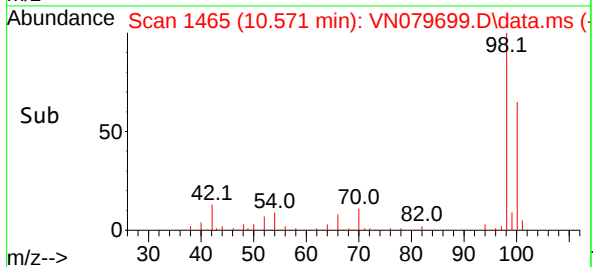
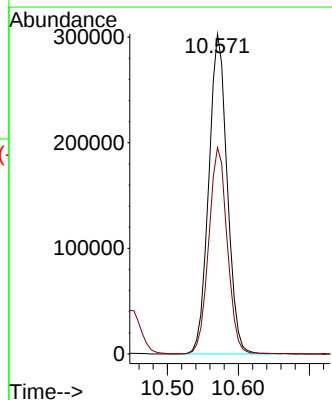
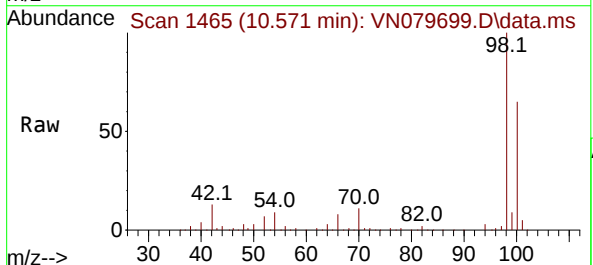
Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Tgt Ion: 98 Resp: 546137

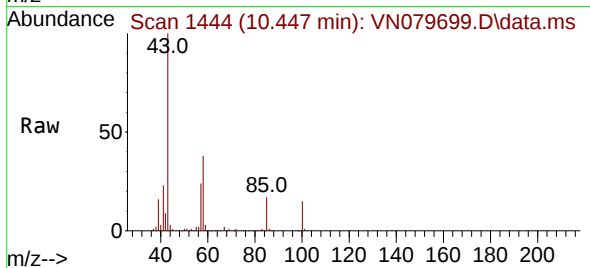
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 114.596 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

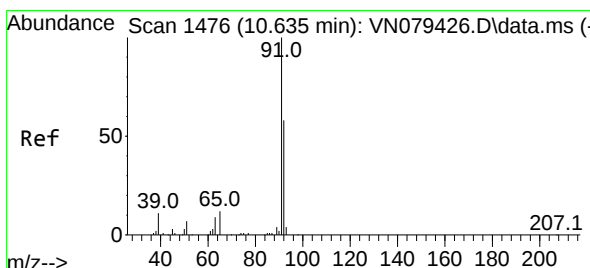
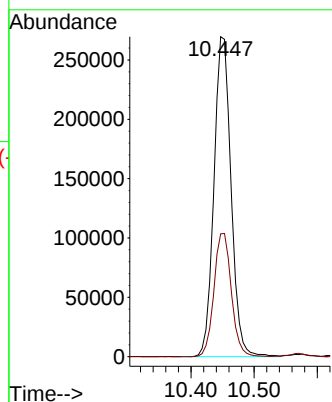
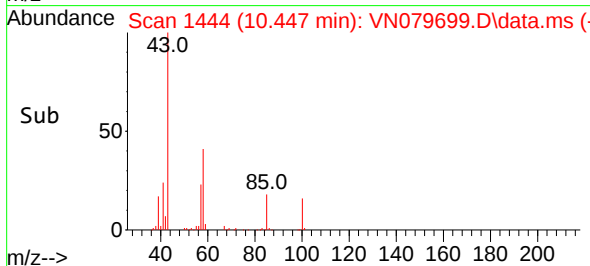
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



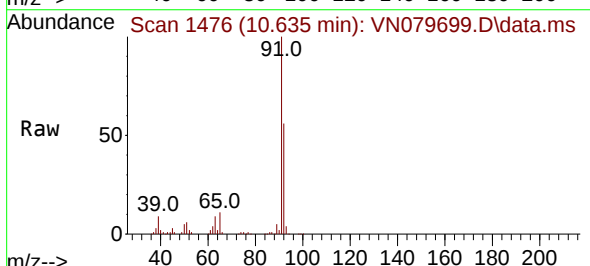
Tgt Ion: 43 Resp: 507879
Ion Ratio Lower Upper
43 100
58 39.2 36.6 54.8

Manual Integrations
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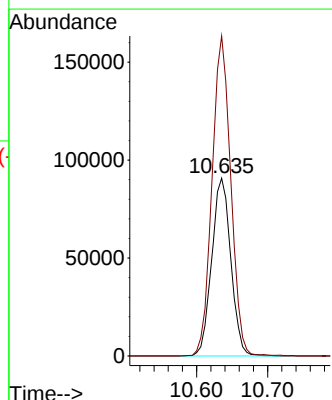
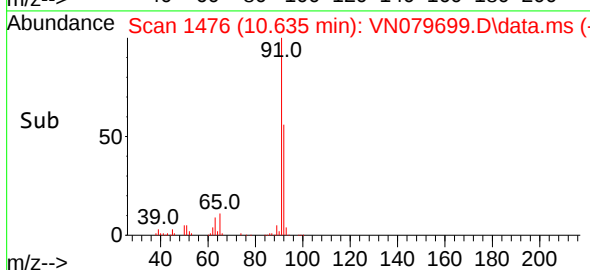
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

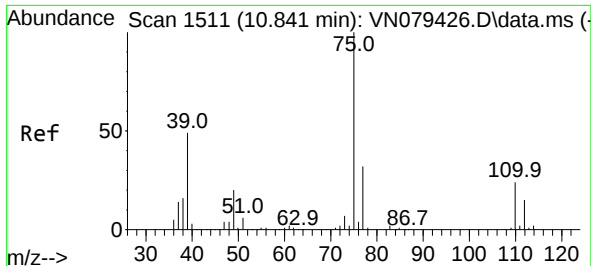


#52
Toluene
Concen: 21.459 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



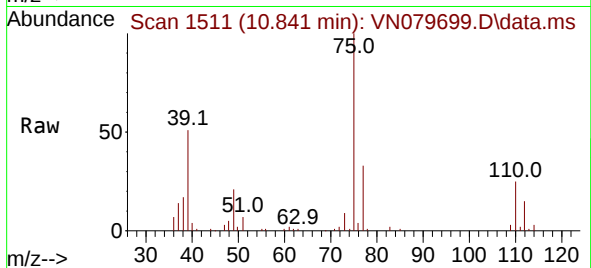
Tgt Ion: 92 Resp: 168948
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 22.508 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079699.D
 Acq: 26 Oct 2023 17:00

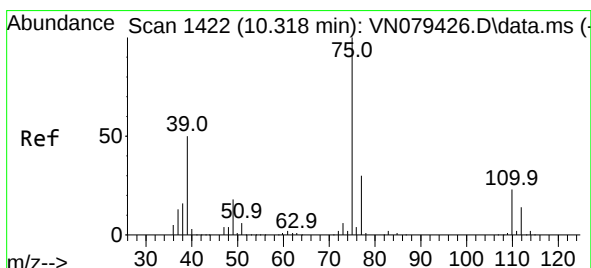
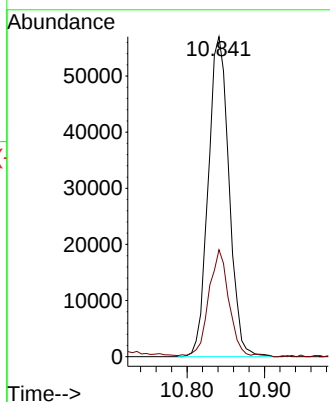
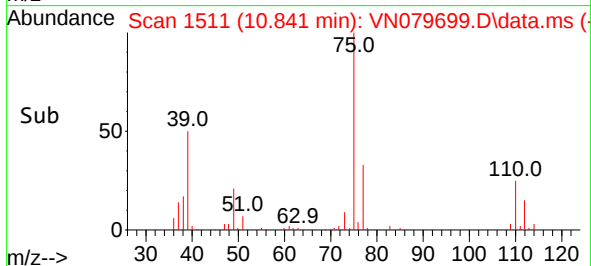
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01



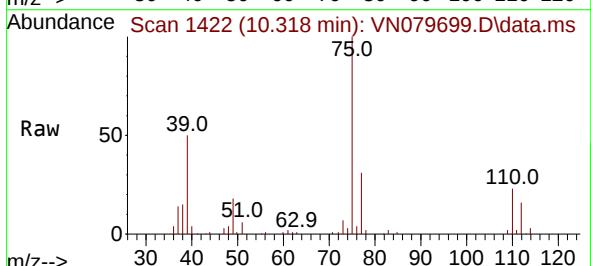
Tgt Ion: 75 Resp: 106492
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.0

Manual Integrations
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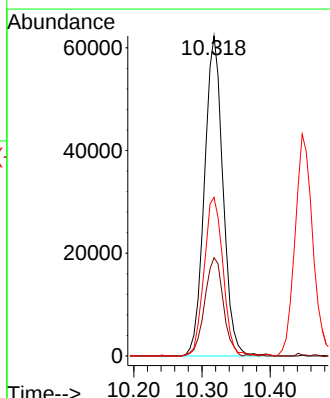
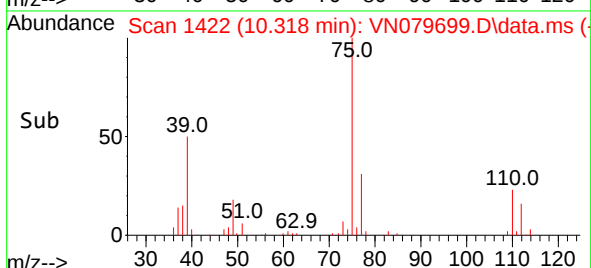
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

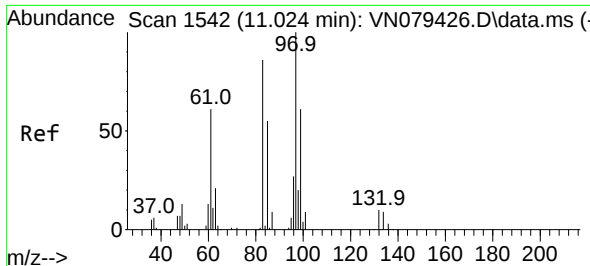


#54
 cis-1,3-Dichloropropene
 Concen: 22.745 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079699.D
 Acq: 26 Oct 2023 17:00



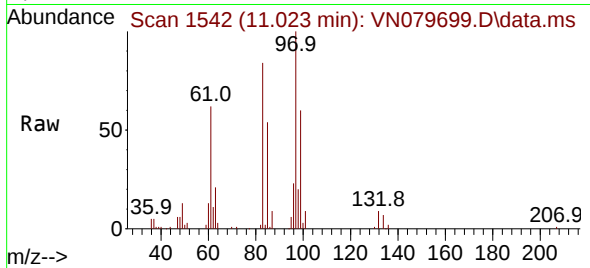
Tgt Ion: 75 Resp: 117803
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.1 39.1
 39 49.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 23.222 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

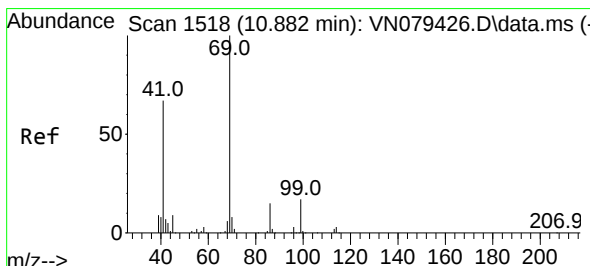
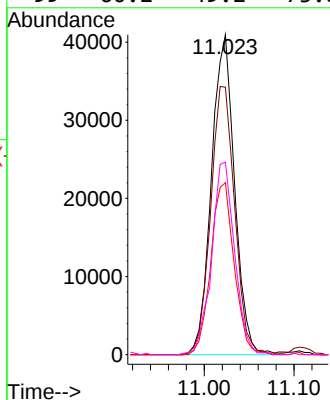
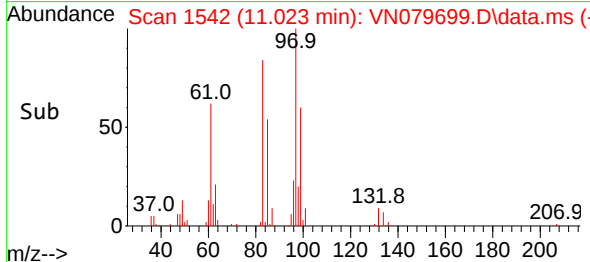
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



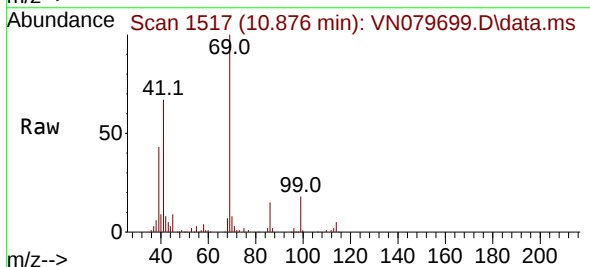
Tgt Ion:	97	Resp:	73400
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.1	97.7
85	53.8	43.4	65.2
99	60.2	49.2	73.8

Manual Integrations
APPROVED

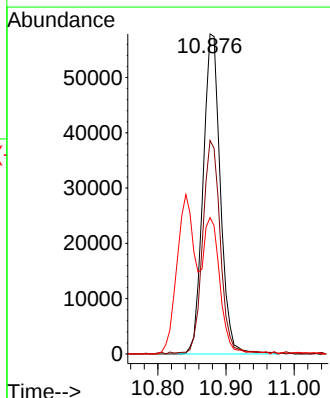
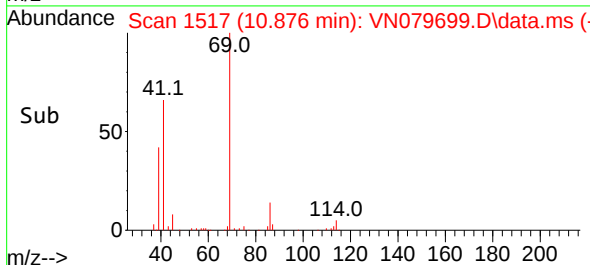
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#56
Ethyl methacrylate
Concen: 23.522 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



Tgt Ion:	69	Resp:	102163
Ion	Ratio	Lower	Upper
69	100		
41	67.8	39.6	59.4#
39	42.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 23.480 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion: 76 Resp: 12815

Ion Ratio Lower Upper

76 100

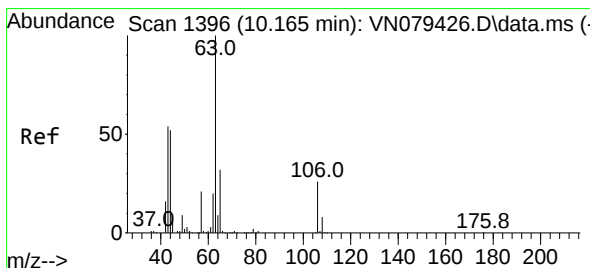
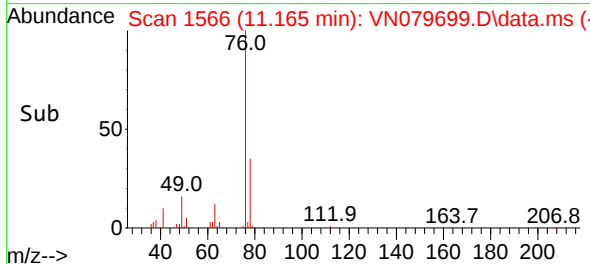
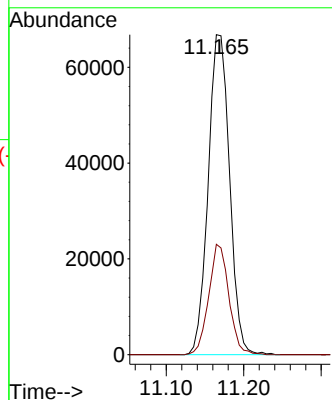
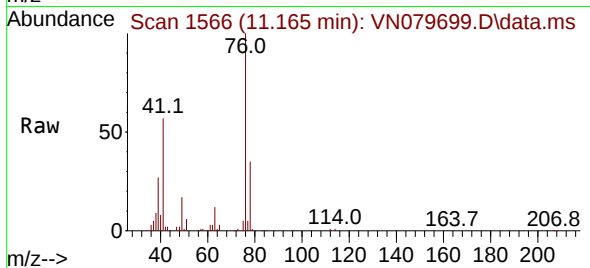
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 95.553 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079699.D

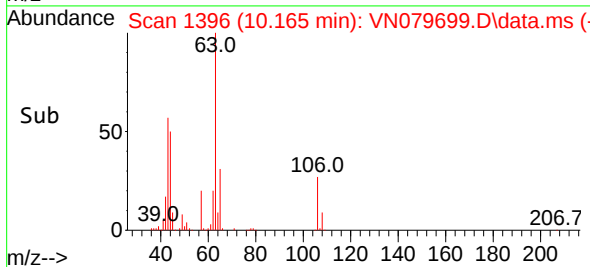
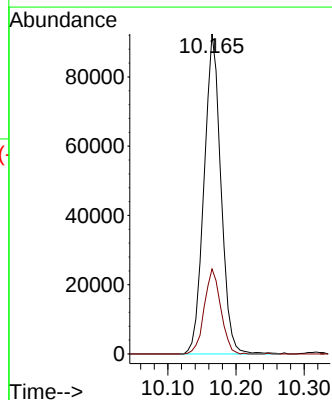
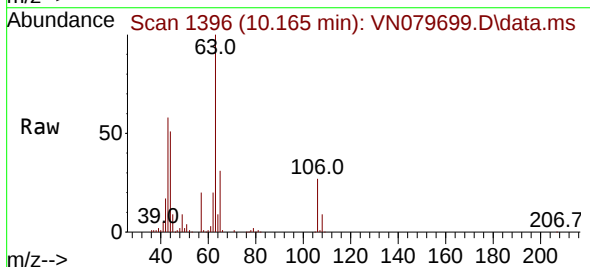
Acq: 26 Oct 2023 17:00

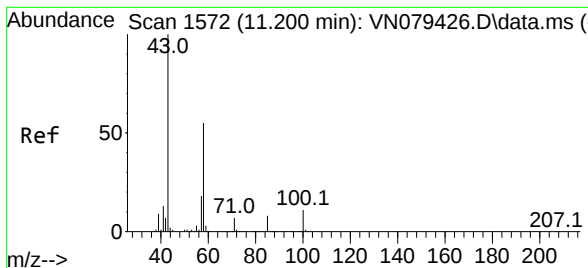
Tgt Ion: 63 Resp: 158937

Ion Ratio Lower Upper

63 100

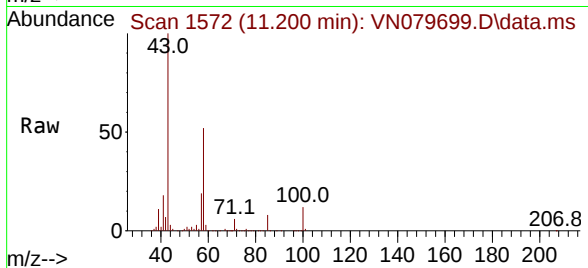
106 25.9 26.2 39.4#





#59
2-Hexanone
Concen: 115.273 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

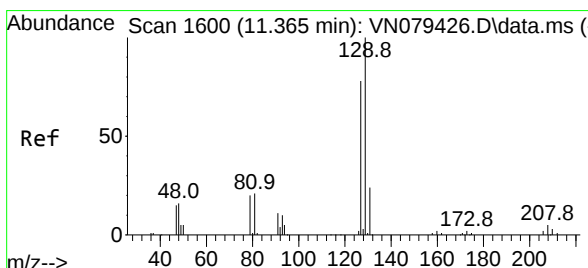
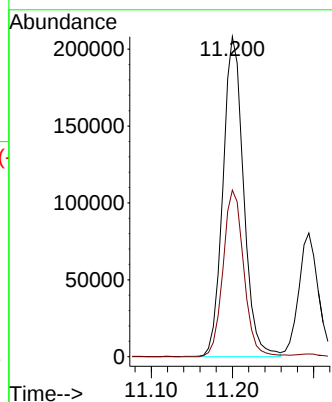
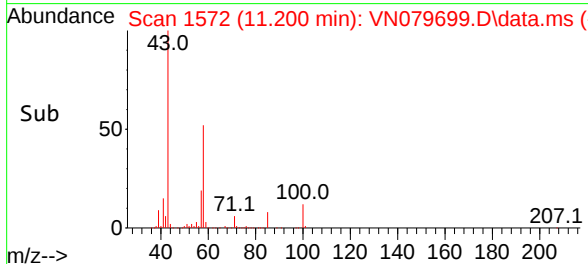
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



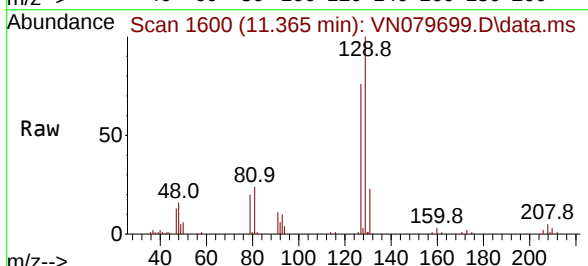
Tgt Ion: 43 Resp: 368654
Ion Ratio Lower Upper
43 100
58 52.1 31.7 95.1

Manual Integrations
APPROVED

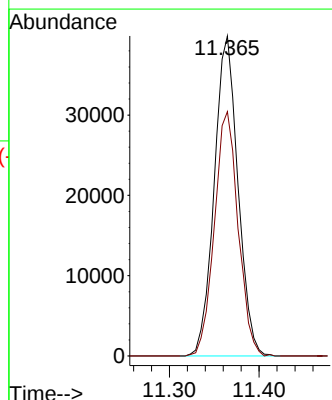
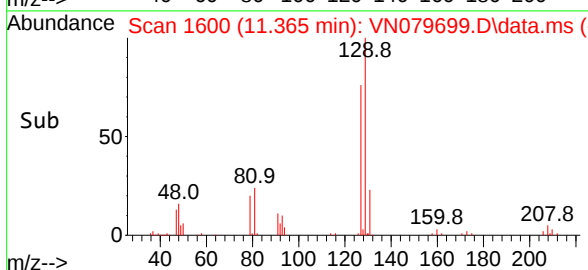
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

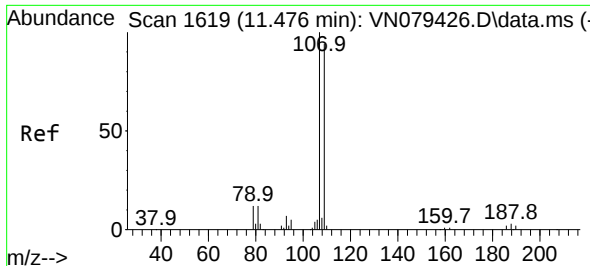


#60
Dibromochloromethane
Concen: 23.005 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



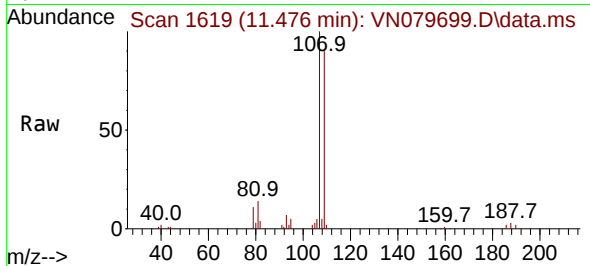
Tgt Ion:129 Resp: 73079
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 22.439 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

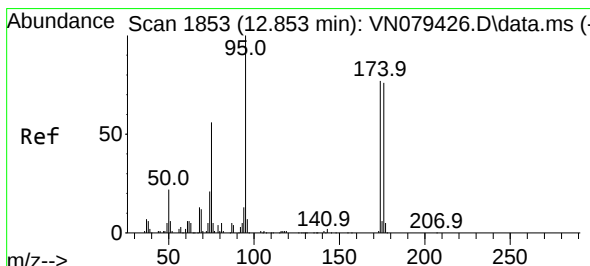
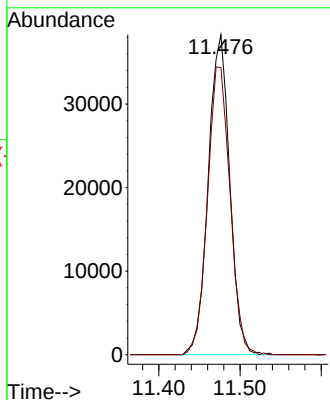
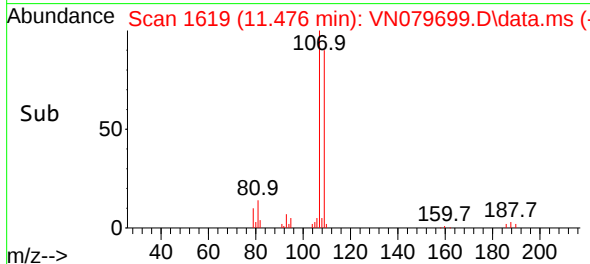
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



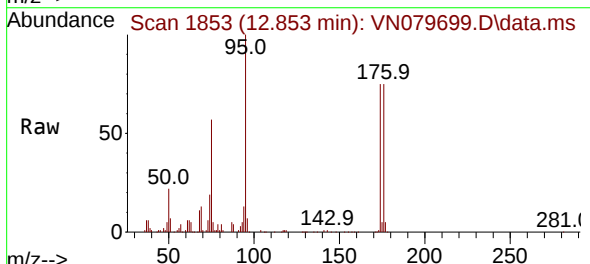
Tgt Ion:107 Resp: 70380
Ion Ratio Lower Upper
107 100
109 94.3 76.6 114.8

Manual Integrations
APPROVED

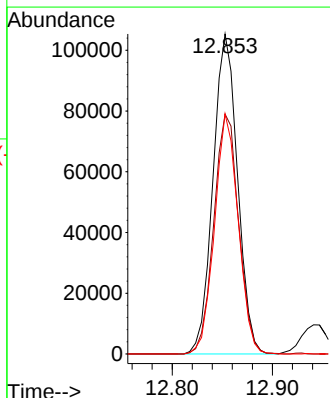
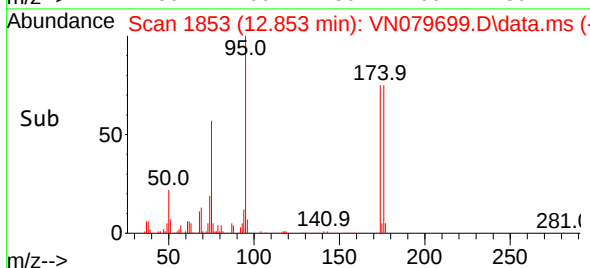
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

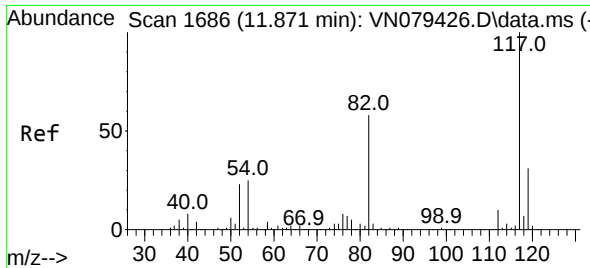


#62
4-Bromofluorobenzene
Concen: 51.311 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



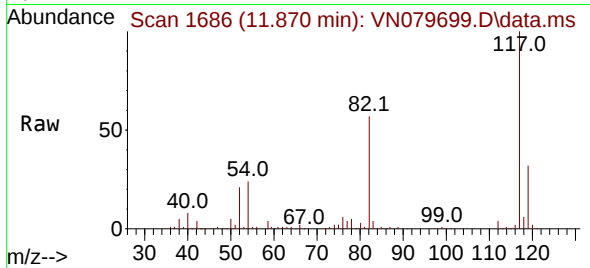
Tgt Ion: 95 Resp: 178788
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

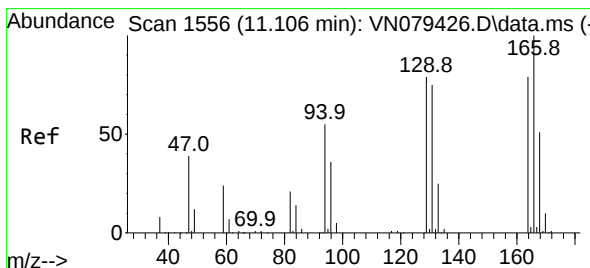
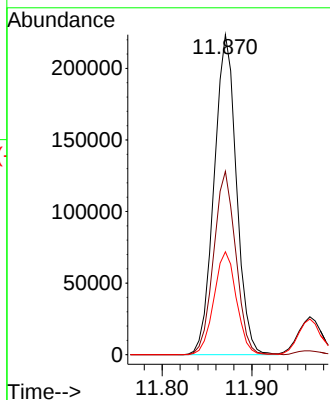
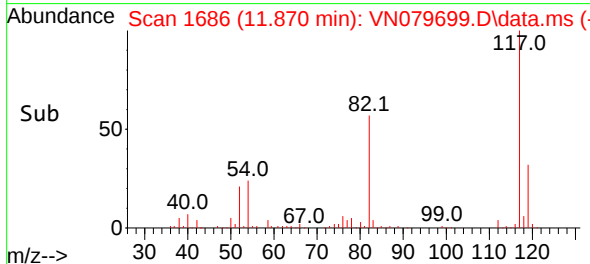
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion:117 Resp: 38600
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 32.1 25.6 38.4

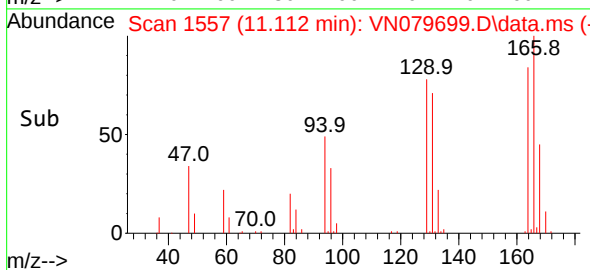
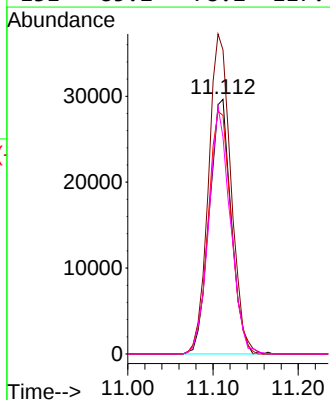
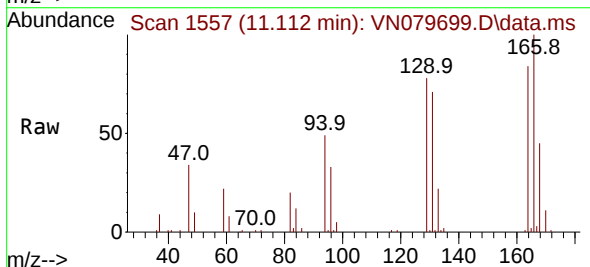
Manual Integrations
APPROVED

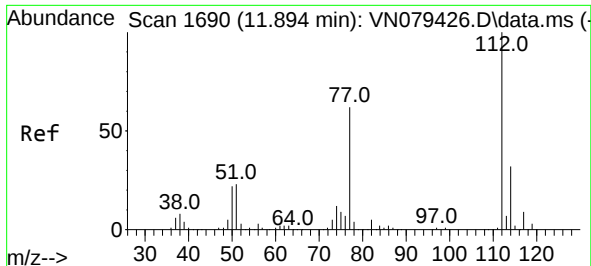
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#64
Tetrachloroethene
Concen: 19.983 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion:164 Resp: 53062
Ion Ratio Lower Upper
164 100
166 119.4 101.4 152.0
129 93.7 82.4 123.6
131 85.2 78.2 117.4





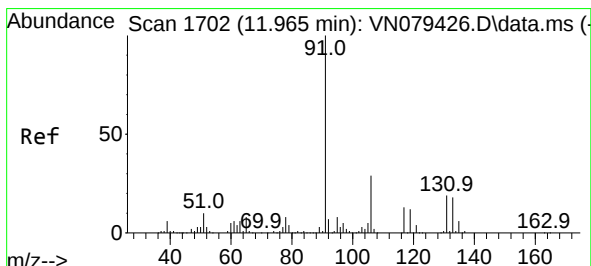
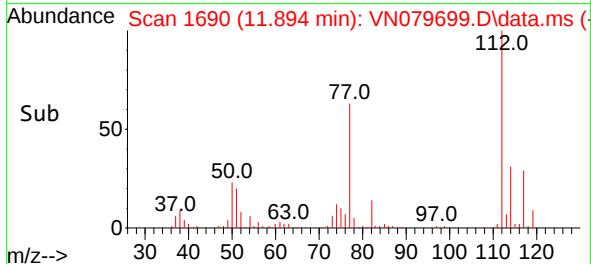
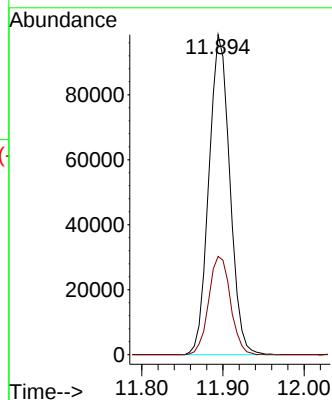
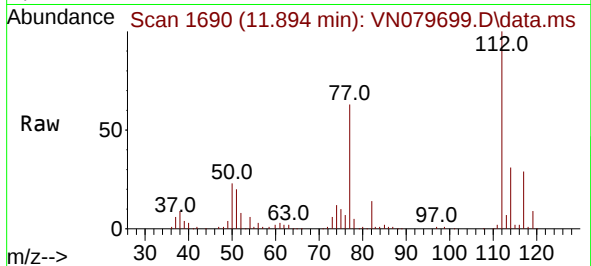
#65
Chlorobenzene
Concen: 20.500 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion:112 Resp: 176224
Ion Ratio Lower Upper
112 100
114 30.7 25.0 37.4

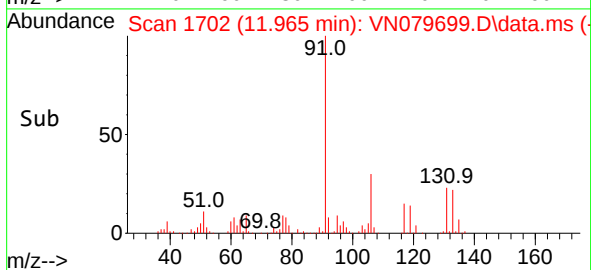
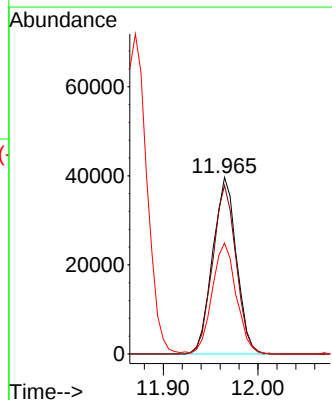
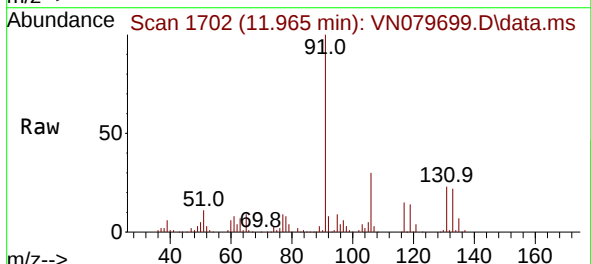
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.961 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion:131 Resp: 69122
Ion Ratio Lower Upper
131 100
133 94.5 46.4 139.1
119 63.9 34.1 102.2





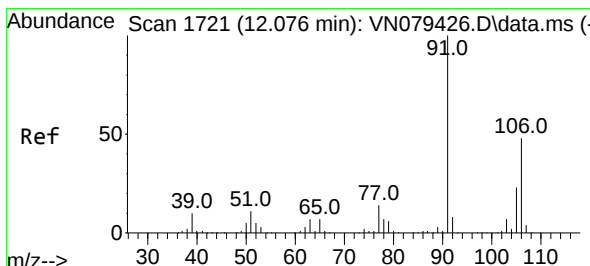
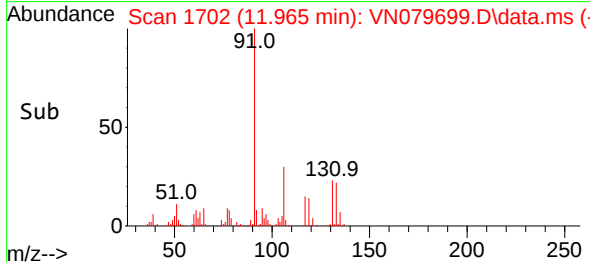
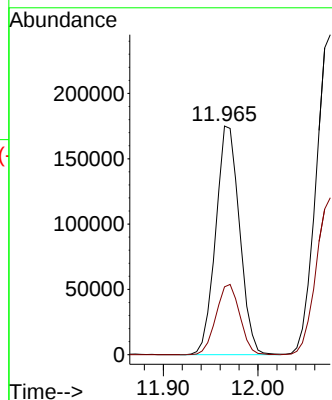
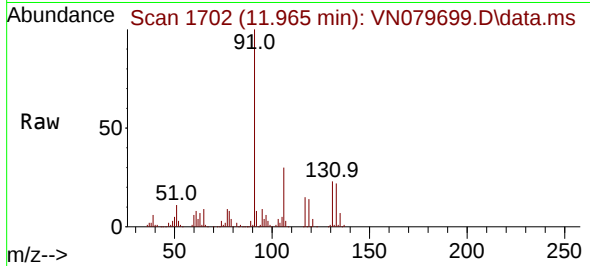
#67
Ethyl Benzene
Concen: 20.494 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 91 Resp: 306210
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

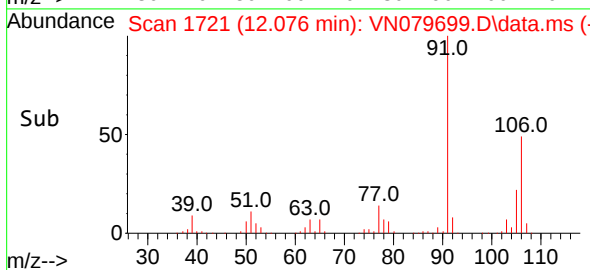
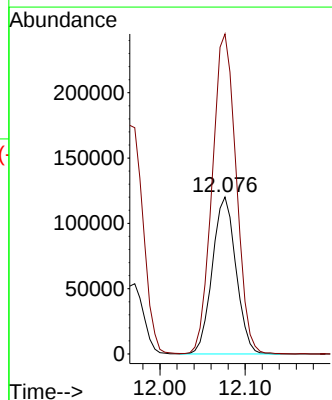
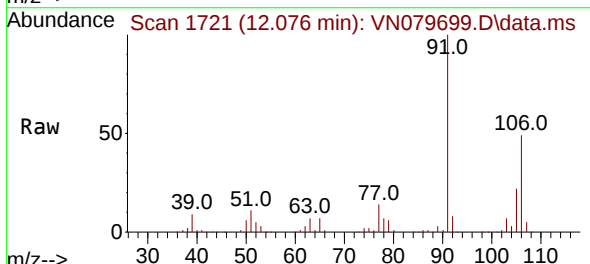
Manual Integrations
APPROVED

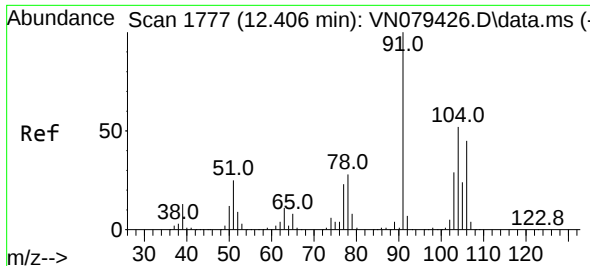
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#68
m/p-Xylenes
Concen: 42.707 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

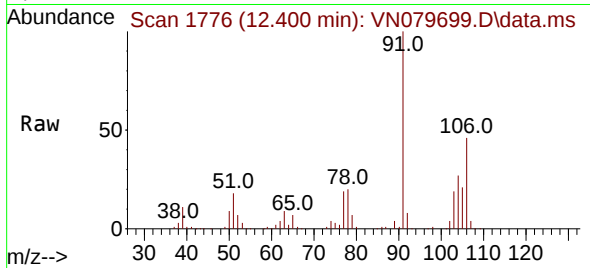
Tgt Ion:106 Resp: 231849
Ion Ratio Lower Upper
106 100
91 207.2 159.6 239.4





#69
o-Xylene
Concen: 21.351 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

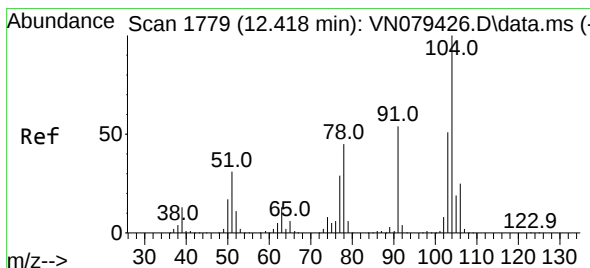
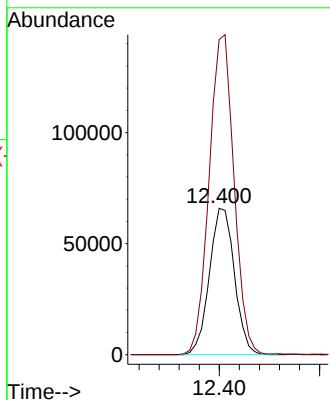
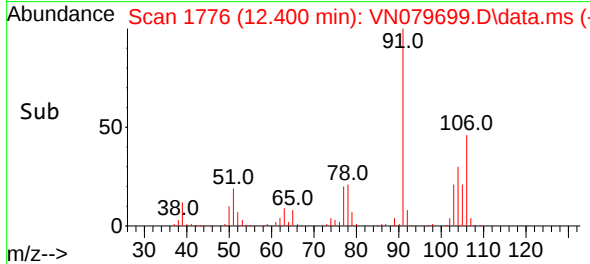
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion:106 Resp: 113994
Ion Ratio Lower Upper
106 100
91 217.5 105.2 315.5

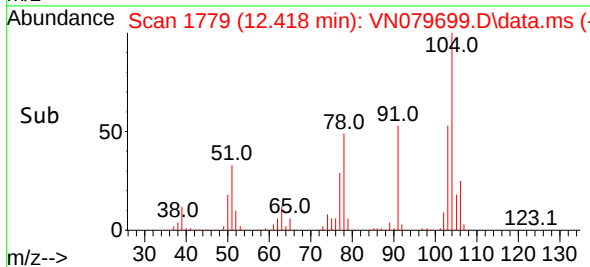
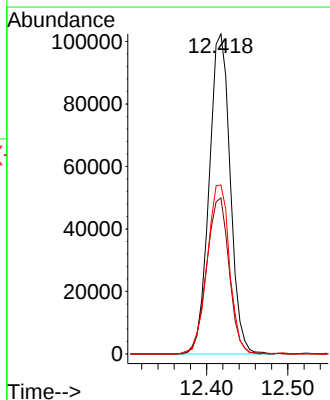
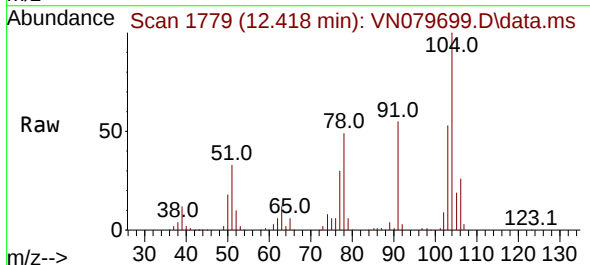
Manual Integrations
APPROVED

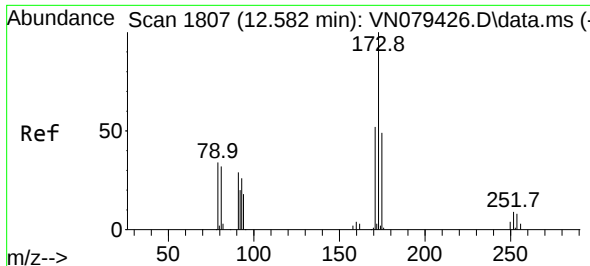
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#70
Styrene
Concen: 21.907 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

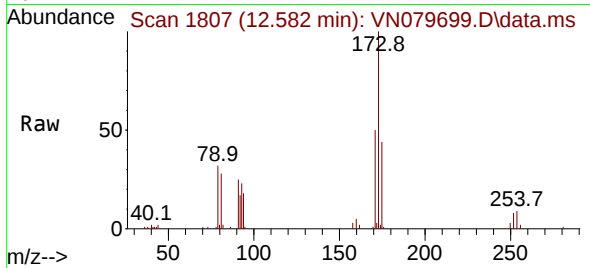
Tgt Ion:104 Resp: 184751
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 56.0 43.2 64.8





#71
Bromoform
Concen: 21.692 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

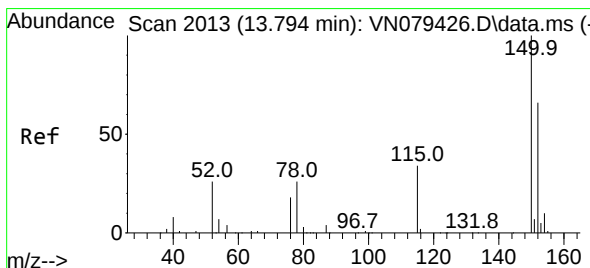
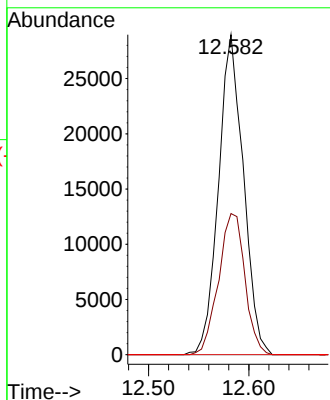
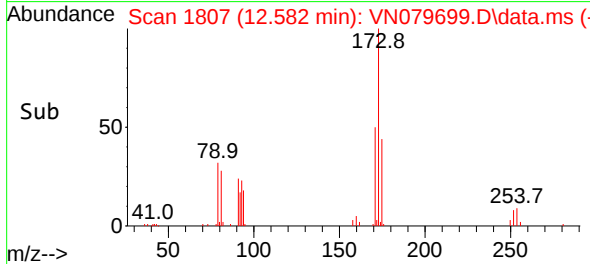
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



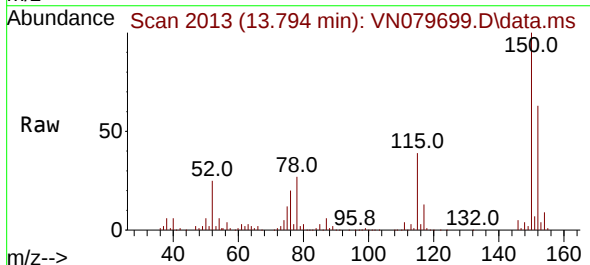
Tgt Ion:173 Resp: 49970
Ion Ratio Lower Upper
173 100
175 46.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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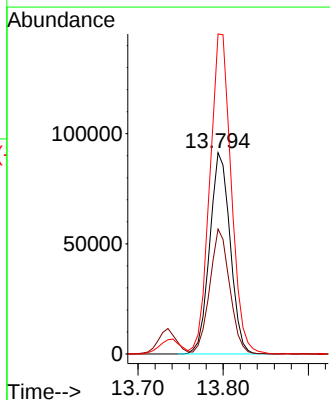
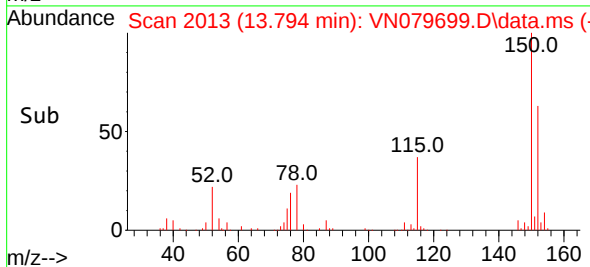
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

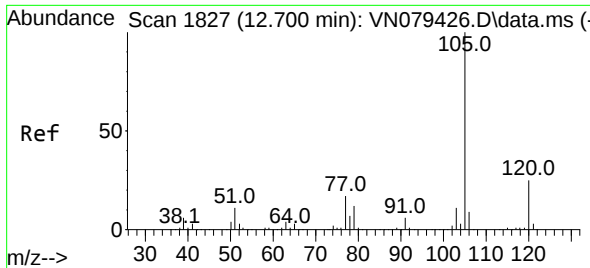


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



Tgt Ion:152 Resp: 152675
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 166.3 0.0 355.8





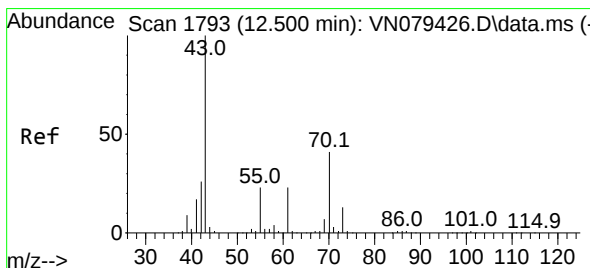
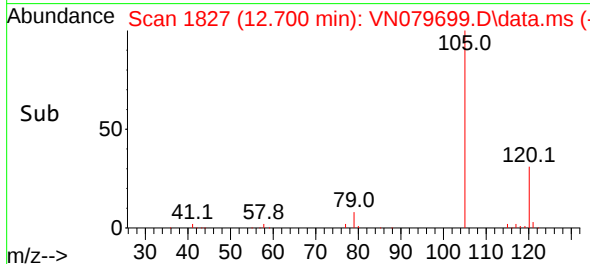
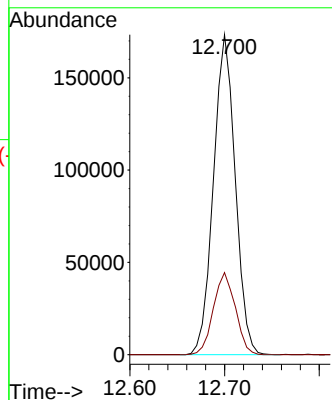
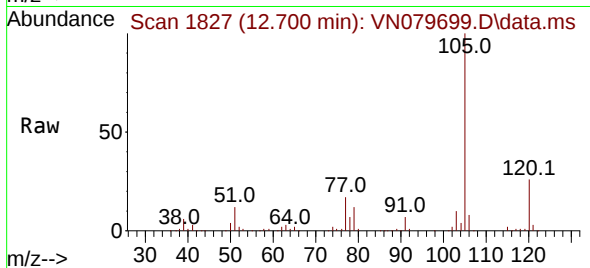
#73
Isopropylbenzene
Concen: 19.509 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion:105 Resp: 27710
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

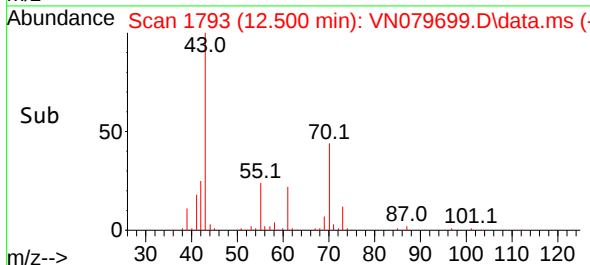
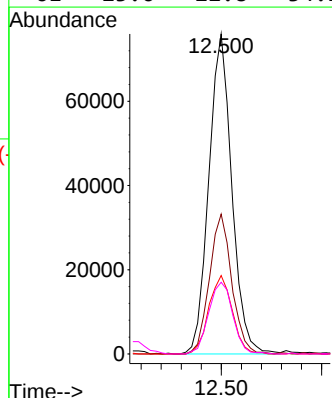
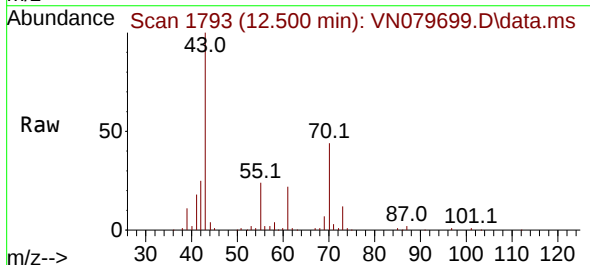
Manual Integrations
APPROVED

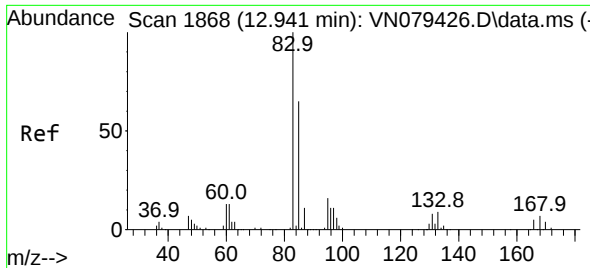
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#74
N-ethyl acetate
Concen: 20.836 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

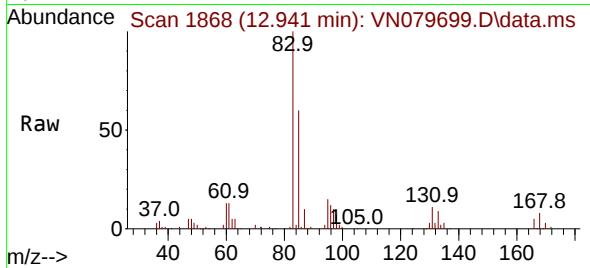
Tgt Ion: 43 Resp: 121330
Ion Ratio Lower Upper
43 100
70 42.5 43.4 65.2#
55 25.0 21.4 32.0
61 23.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 22.641 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

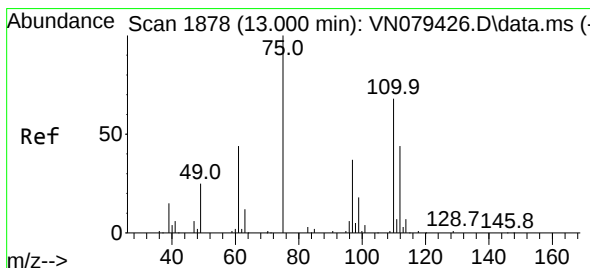
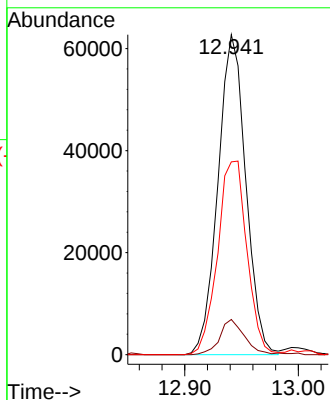
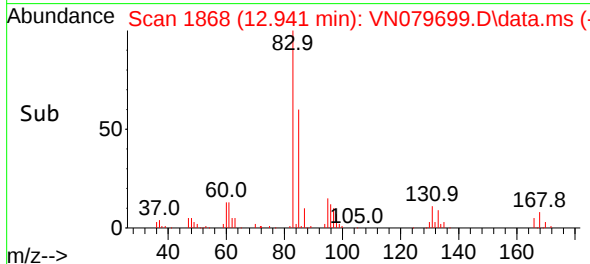
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion: 83 Resp: 106849
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.7 31.9 95.7

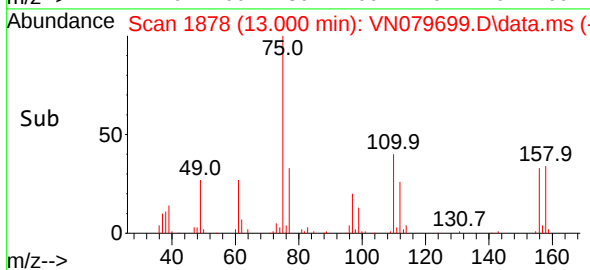
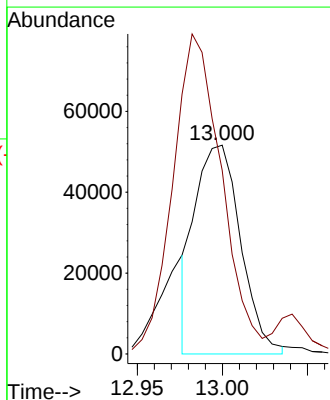
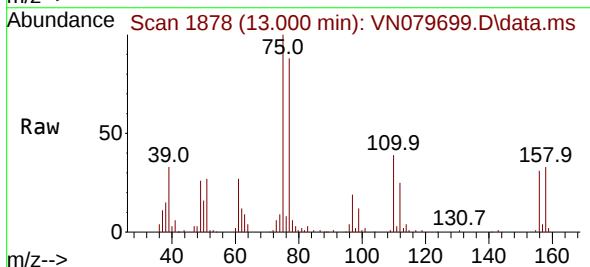
Manual Integrations
APPROVED

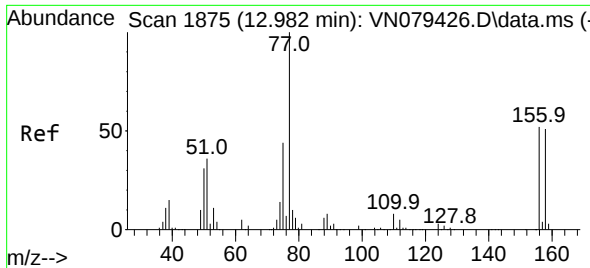
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#76
1,2,3-Trichloropropane
Concen: 21.763 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

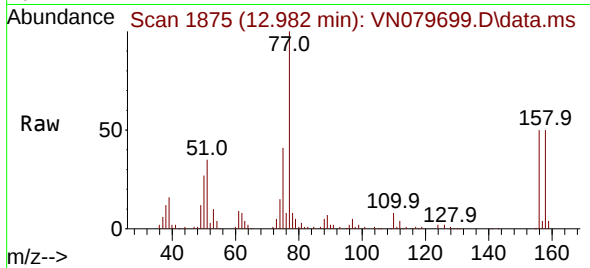
Tgt Ion: 75 Resp: 95802
Ion Ratio Lower Upper
75 100
77 164.7 84.5 253.5





#77
Bromobenzene
Concen: 19.828 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

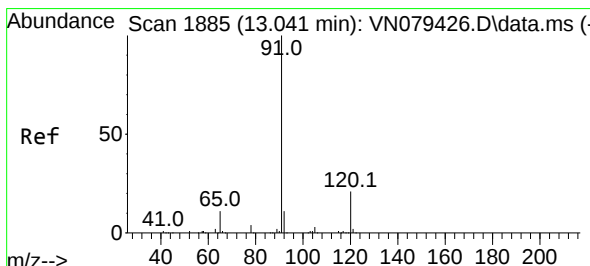
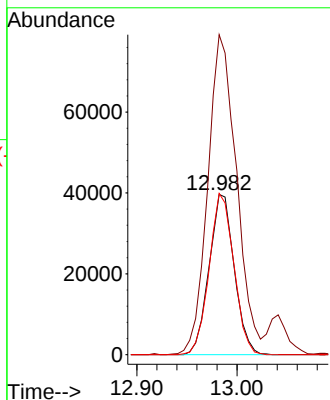
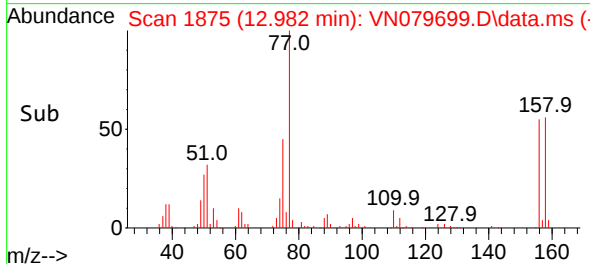
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion:156 Resp: 6905
Ion Ratio Lower Upper
156 100
77 228.5 107.7 323.3
158 98.7 48.4 145.3

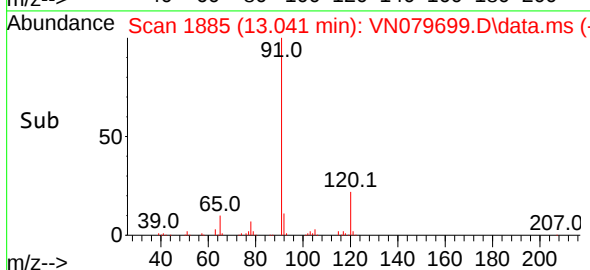
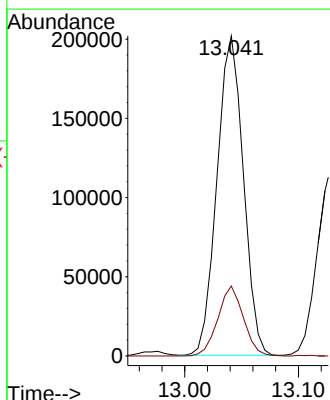
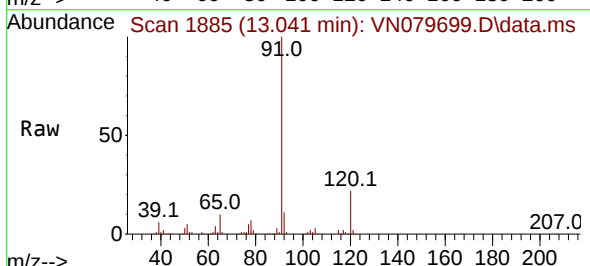
Manual Integrations
APPROVED

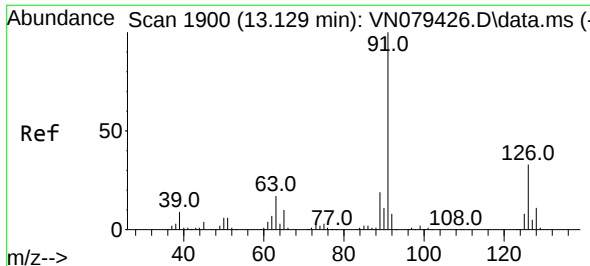
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#78
n-propylbenzene
Concen: 20.227 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion: 91 Resp: 325057
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





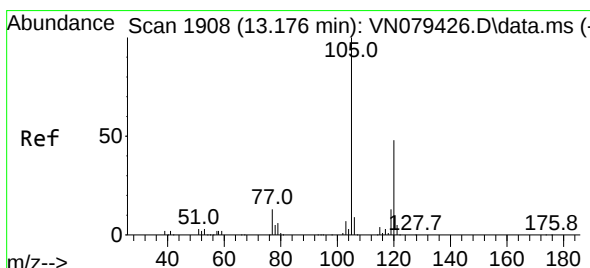
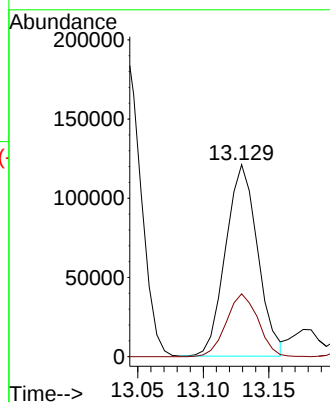
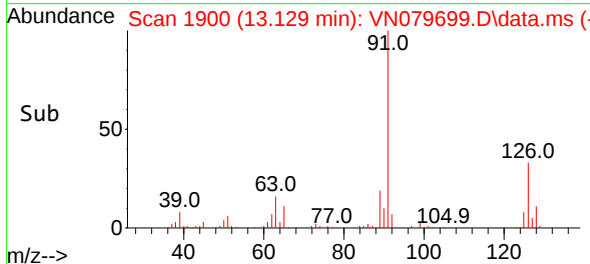
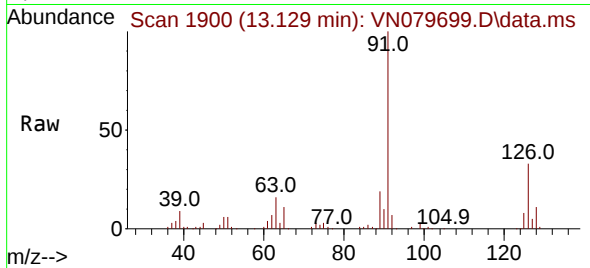
#79
2-Chlorotoluene
Concen: 20.025 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 91 Resp: 205925
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

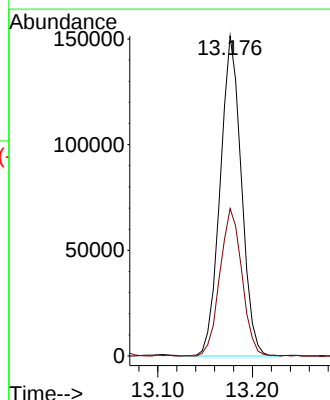
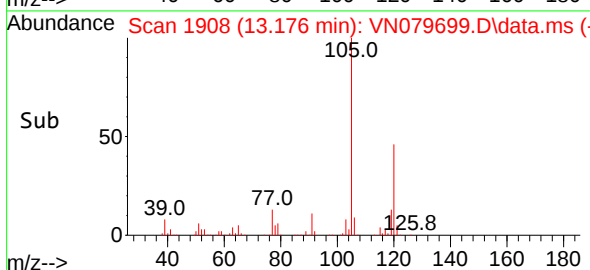
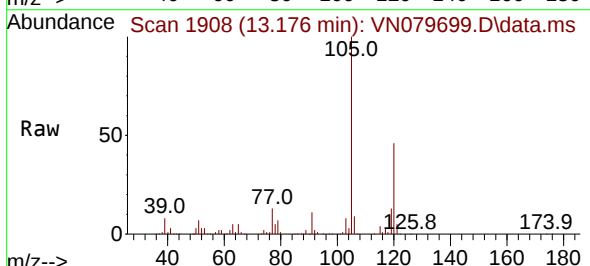
Manual Integrations
APPROVED

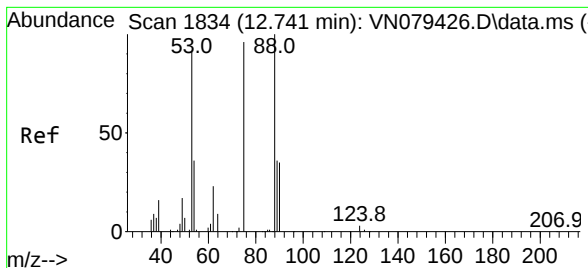
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.022 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

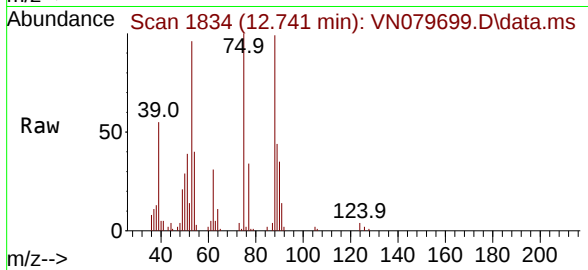
Tgt Ion:105 Resp: 235451
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 21.154 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

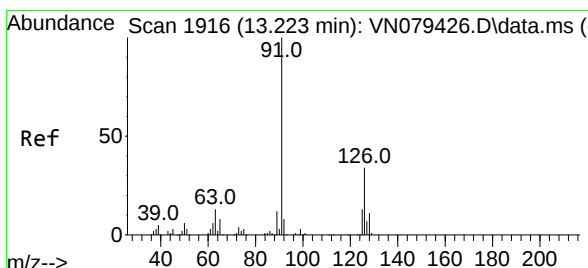
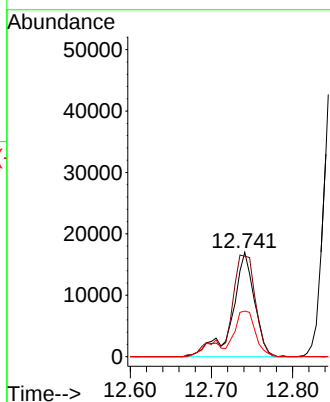
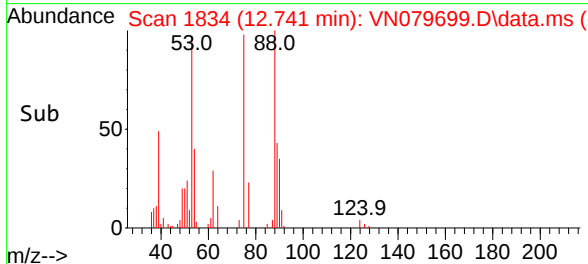
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



Tgt Ion: 75 Resp: 32094
Ion Ratio Lower Upper
75 100
53 97.1 67.4 101.2
89 40.7 38.8 58.2

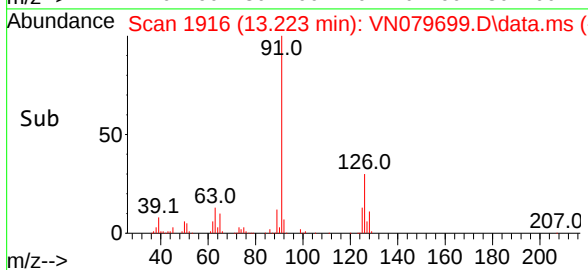
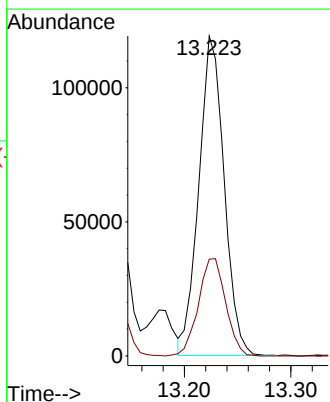
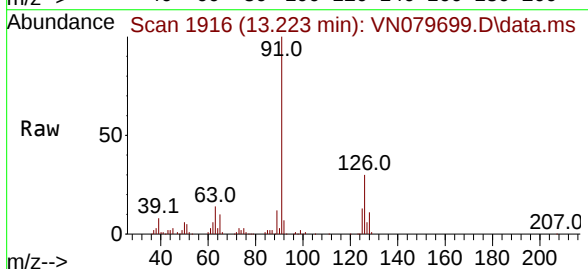
Manual Integrations
APPROVED

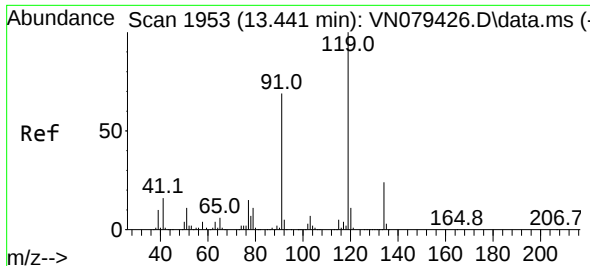
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#82
4-Chlorotoluene
Concen: 20.114 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

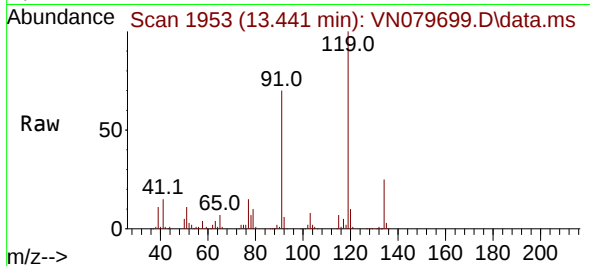
Tgt Ion: 91 Resp: 196825
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.097 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

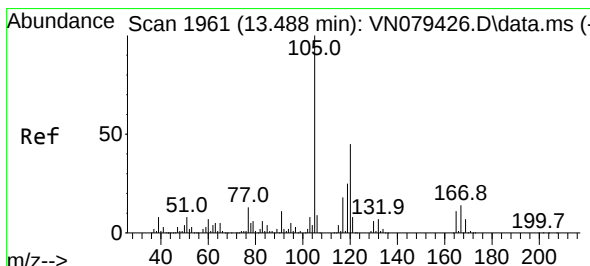
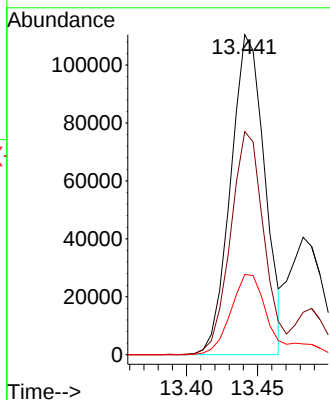
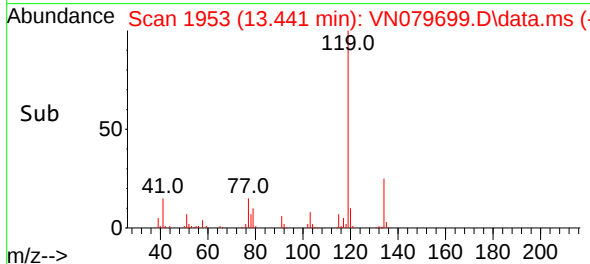
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



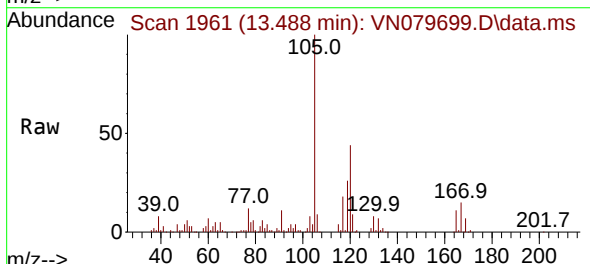
Tgt Ion:119 Resp: 184418
Ion Ratio Lower Upper
119 100
91 69.0 33.9 101.7
134 28.6 13.2 39.6

Manual Integrations
APPROVED

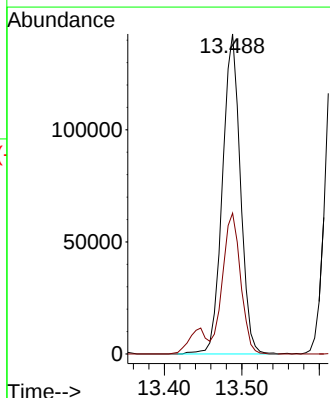
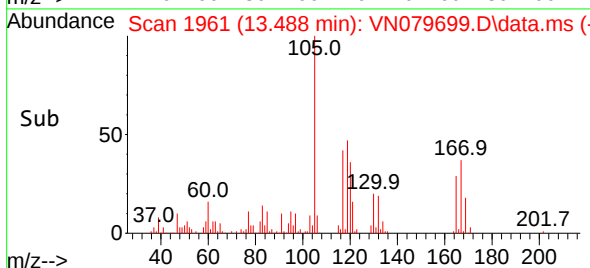
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.453 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



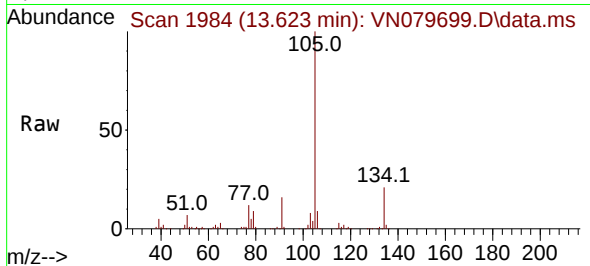
Tgt Ion:105 Resp: 229306
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 20.472 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079699.D
 Acq: 26 Oct 2023 17:00

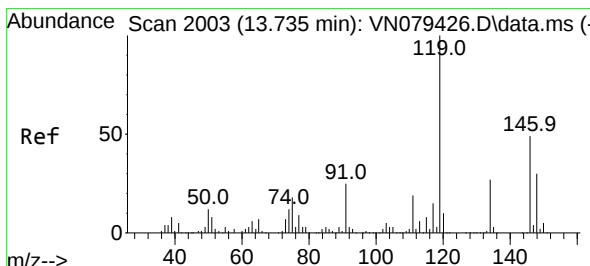
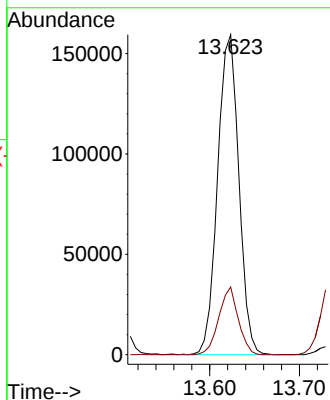
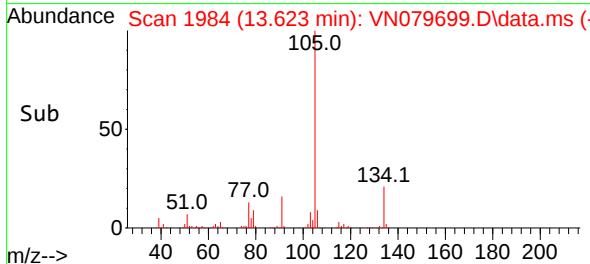
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01



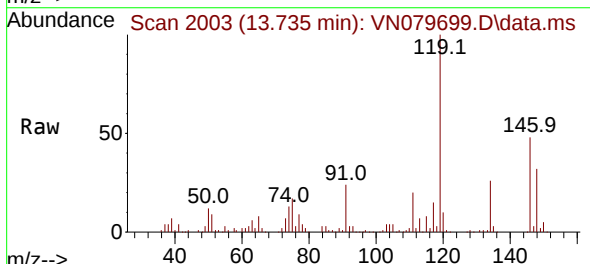
Tgt Ion:105 Resp: 262032
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
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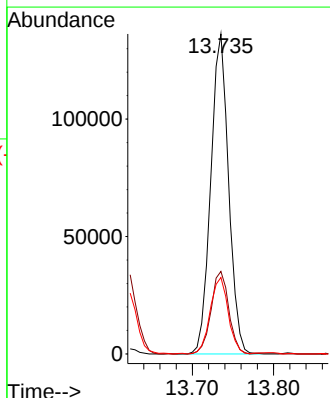
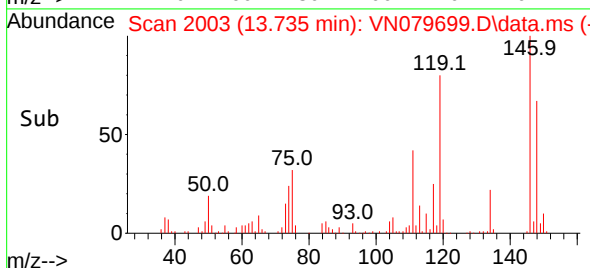
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

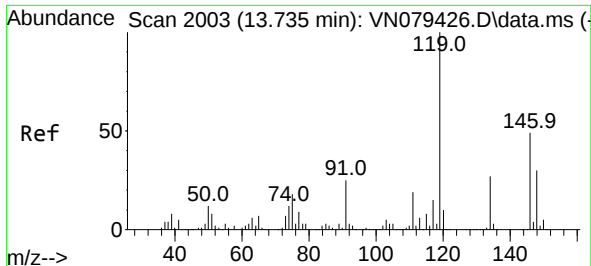


#86
 p-Isopropyltoluene
 Concen: 21.204 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079699.D
 Acq: 26 Oct 2023 17:00



Tgt Ion:119 Resp: 208204
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.450 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion:146 Resp: 11296

Ion Ratio Lower Upper

146 100

111 41.7 22.1 66.3

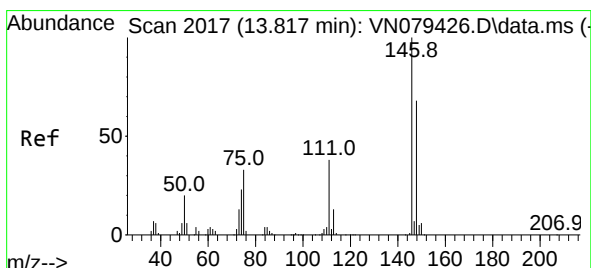
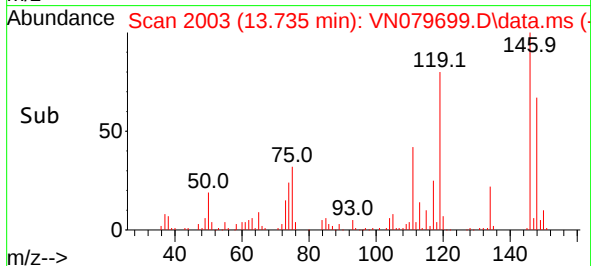
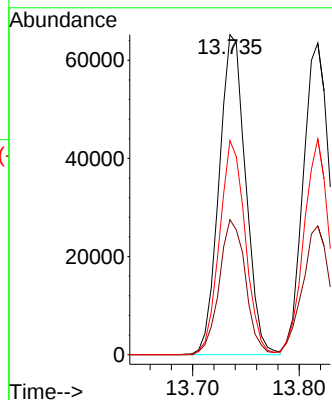
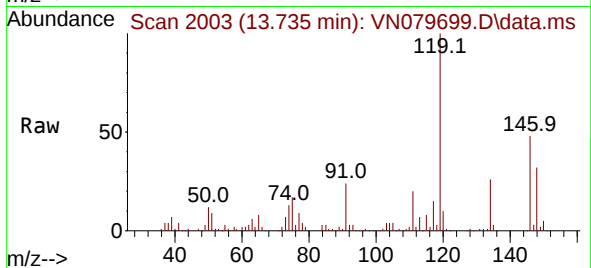
148 65.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#88

1,4-Dichlorobenzene

Concen: 19.247 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

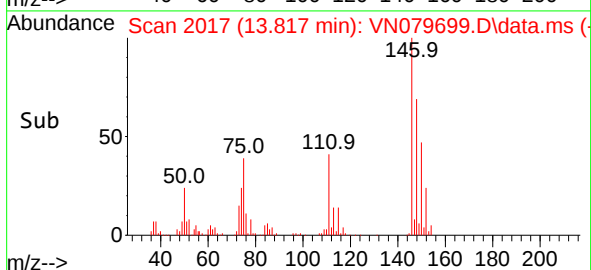
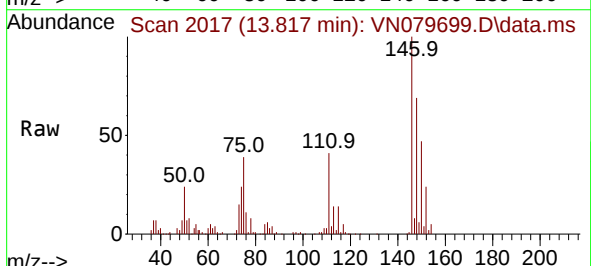
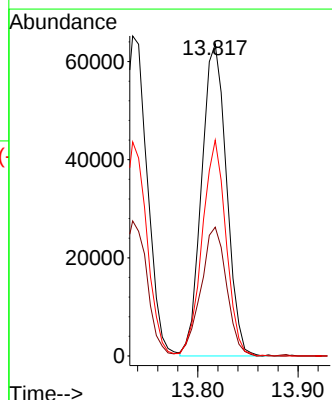
Tgt Ion:146 Resp: 109777

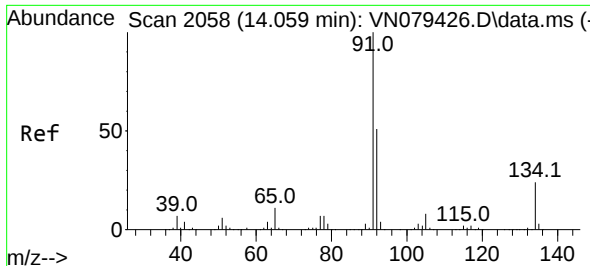
Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.8

148 66.1 31.6 94.8





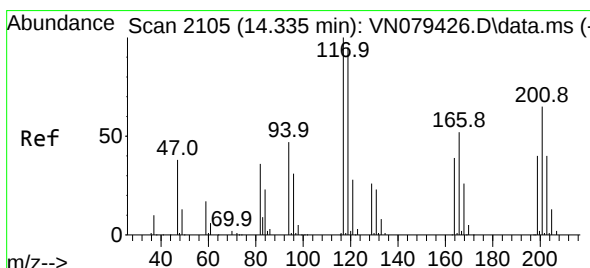
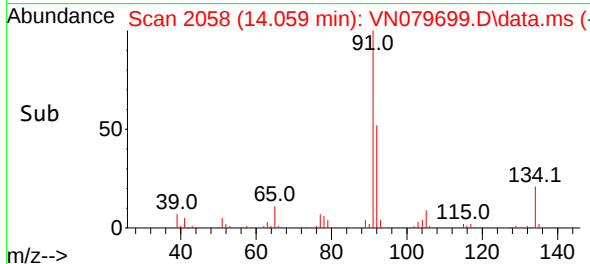
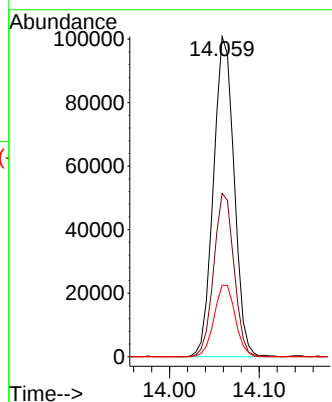
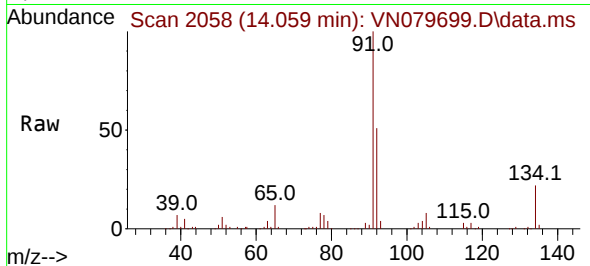
#89
n-Butylbenzene
Concen: 20.561 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tgt Ion: 91 Resp: 161225
Ion Ratio Lower Upper
91 100
92 50.0 26.4 79.0
134 22.9 12.6 37.6

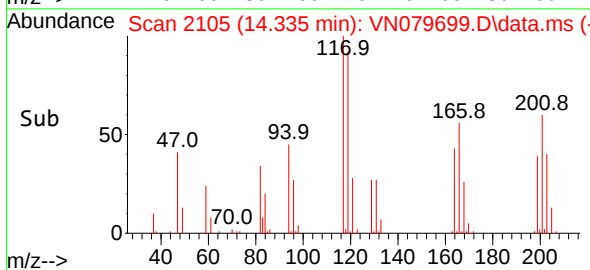
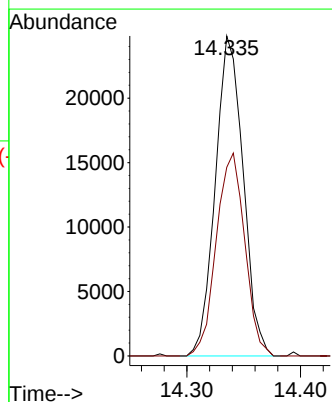
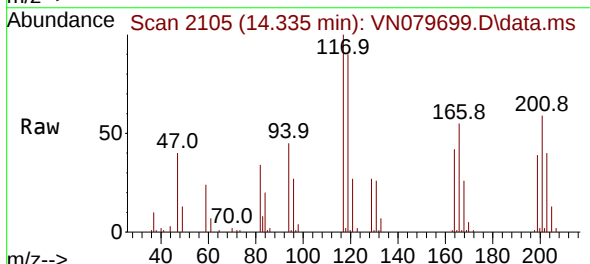
Manual Integrations
APPROVED

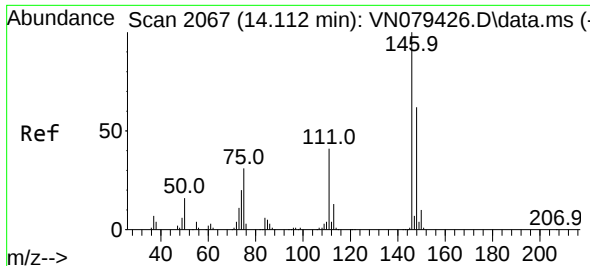
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#90
Hexachloroethane
Concen: 20.571 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

Tgt Ion:117 Resp: 42234
Ion Ratio Lower Upper
117 100
201 64.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 21.278 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion:146 Resp: 114650

Ion Ratio Lower Upper

146 100

111 42.5 22.0 66.0

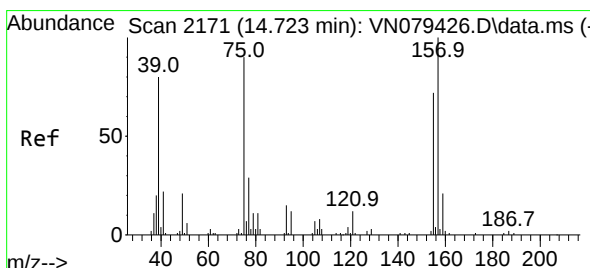
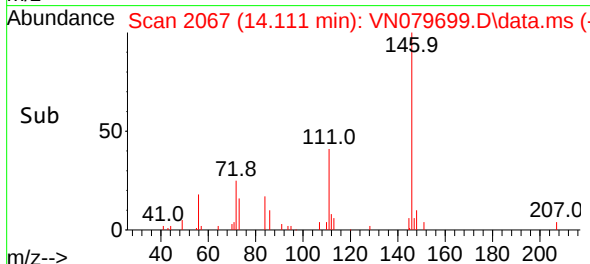
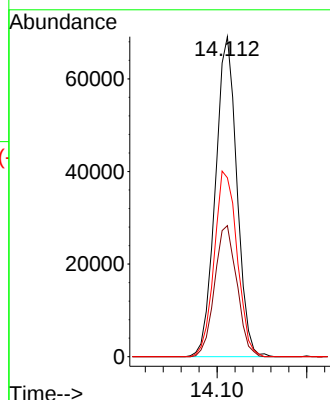
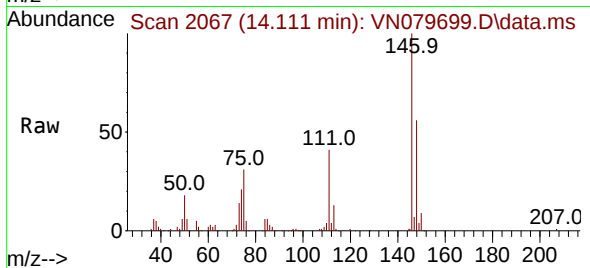
148 61.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.123 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

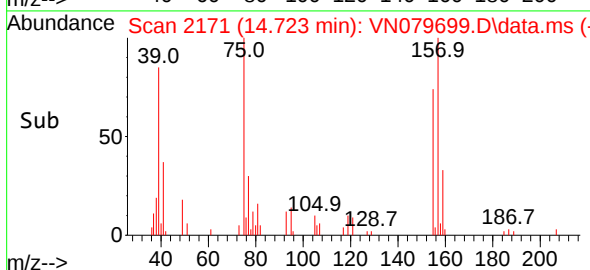
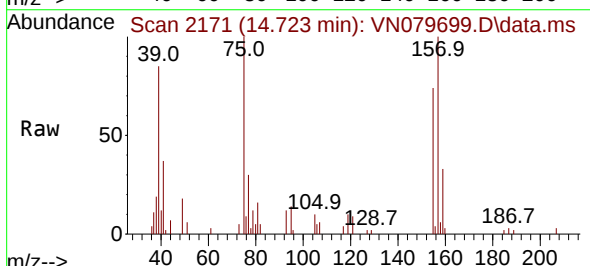
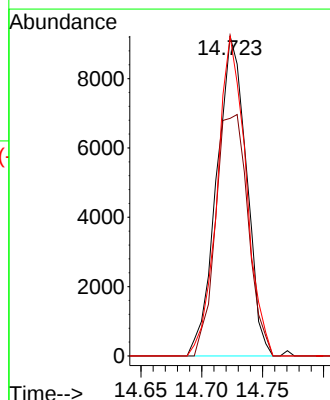
Tgt Ion: 75 Resp: 15706

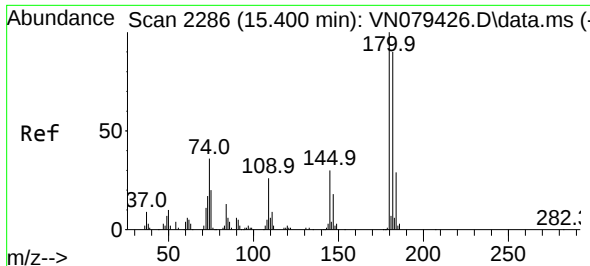
Ion Ratio Lower Upper

75 100

155 82.5 39.1 117.2

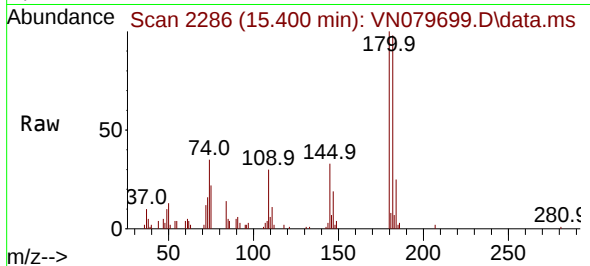
157 96.5 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.938 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00

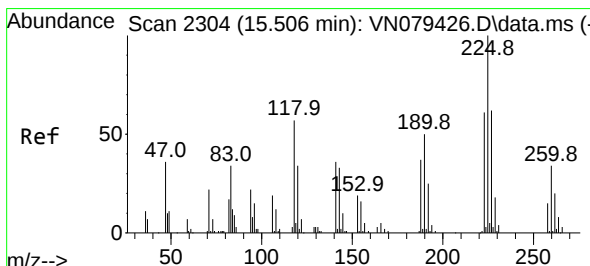
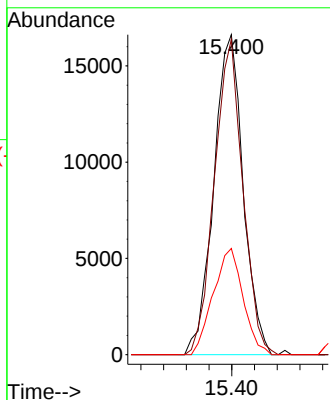
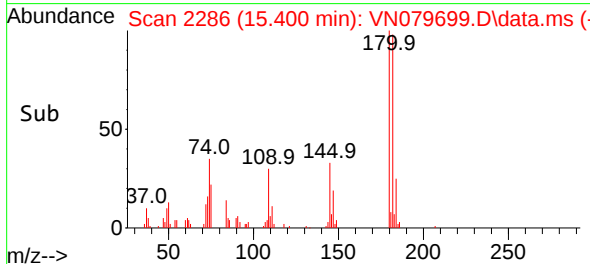
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01



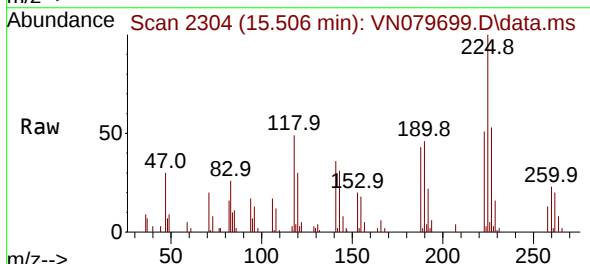
Tgt Ion:180 Resp: 29934
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 33.7 16.6 49.8

Manual Integrations
APPROVED

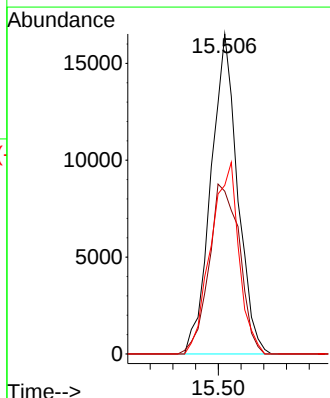
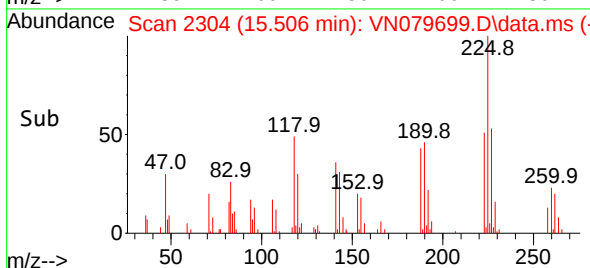
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

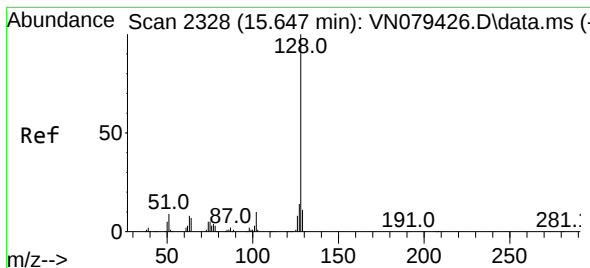


#94
Hexachlorobutadiene
Concen: 20.715 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079699.D
Acq: 26 Oct 2023 17:00



Tgt Ion:225 Resp: 26924
Ion Ratio Lower Upper
225 100
223 60.9 31.3 93.8
227 62.9 31.9 95.9





#95

Naphthalene

Concen: 16.321 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tgt Ion:128 Resp: 83169

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

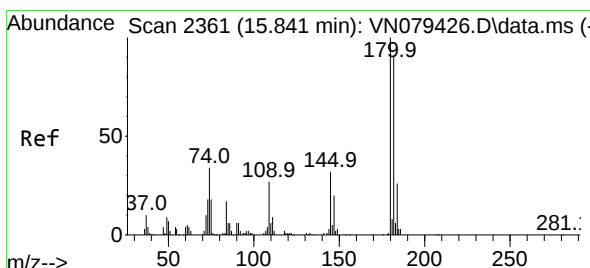
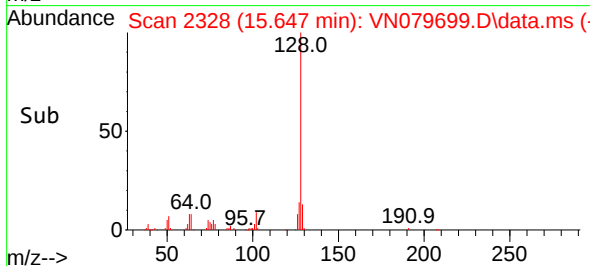
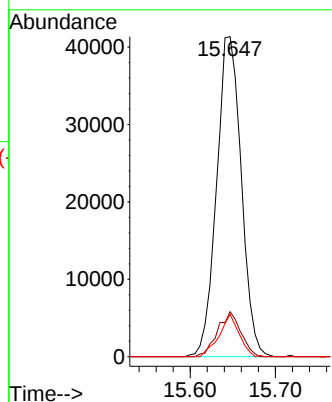
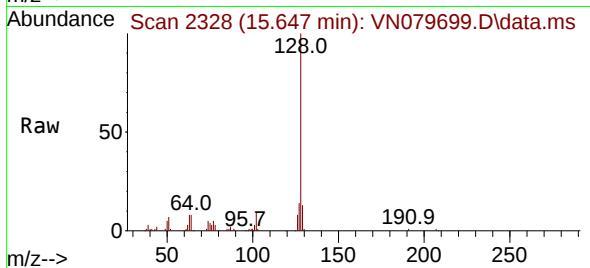
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.144 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN079699.D

Acq: 26 Oct 2023 17:00

Tgt Ion:180 Resp: 36132

Ion Ratio Lower Upper

180 100

182 92.9 46.2 138.6

145 34.4 17.5 52.6

