

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079698.D
 Acq On : 26 Oct 2023 16:24
 Operator : JC\MD
 Sample : VN1026WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 01:21:59 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	289542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	452915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	207524	44.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.400%		
35) Dibromofluoromethane	8.171	113	166238	46.657	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.320%		
50) Toluene-d8	10.571	98	618285	47.960	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.920%		
62) 4-Bromofluorobenzene	12.853	95	196576	47.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	65649	15.823	ug/l	97
3) Chloromethane	2.365	50	75200	14.526	ug/l	96
4) Vinyl Chloride	2.518	62	86863	16.131	ug/l	94
5) Bromomethane	2.954	94	68020	21.101	ug/l	96
6) Chloroethane	3.124	64	63066	15.535	ug/l	95
7) Trichlorofluoromethane	3.501	101	108123	17.006	ug/l	100
8) Diethyl Ether	3.965	74	42254	18.642	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.371	101	64168	17.271	ug/l	99
10) Methyl Iodide	4.595	142	65886	20.436	ug/l	96
11) Tert butyl alcohol	5.524	59	54521	77.161	ug/l	99
12) 1,1-Dichloroethene	4.348	96	57878	16.919	ug/l	98
13) Acrolein	4.183	56	55137	78.368	ug/l	95
14) Allyl chloride	5.030	41	91920	16.650	ug/l	91
15) Acrylonitrile	5.724	53	179336	87.544	ug/l	99
16) Acetone	4.436	43	176389	94.727	ug/l	91
17) Carbon Disulfide	4.718	76	146128	13.694	ug/l	97
18) Methyl Acetate	5.030	43	149510	16.405	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	205855	18.520	ug/l	97
20) Methylene Chloride	5.289	84	72526	17.394	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	65786	16.465	ug/l	93
22) Diisopropyl ether	6.677	45	233230	18.840	ug/l #	88
23) Vinyl Acetate	6.606	43	609740	87.565	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	135333	17.863	ug/l	98
25) 2-Butanone	7.489	43	242768	87.841	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	110515	19.088	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	78621	18.113	ug/l	87
28) Bromochloromethane	7.812	49	66732	18.512	ug/l #	73
29) Tetrahydrofuran	7.841	42	153987	86.150	ug/l #	76
30) Chloroform	7.971	83	137786	18.000	ug/l	95
31) Cyclohexane	8.259	56	107658	16.167	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	117809	18.288	ug/l	95
36) 1,1-Dichloropropene	8.371	75	96768	18.096	ug/l	95
37) Ethyl Acetate	7.559	43	101594	19.093	ug/l #	89
38) Carbon Tetrachloride	8.365	117	96566	18.038	ug/l	97
39) Methylcyclohexane	9.606	83	91097	17.731	ug/l #	87
40) Benzene	8.612	78	296596	18.676	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53190	19.014	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	106772	18.503	ug/l	98
43) Isopropyl Acetate	8.694	43	161458	17.320	ug/l #	89
44) Trichloroethene	9.359	130	69250	18.527	ug/l	92
45) 1,2-Dichloropropane	9.624	63	78612	18.787	ug/l	100
46) Dibromomethane	9.712	93	51197	18.892	ug/l	91
47) Bromodichloromethane	9.894	83	106571	19.117	ug/l	97
48) Methyl methacrylate	9.688	41	73613	18.428	ug/l #	81
49) 1,4-Dioxane	9.700	88	25997	353.315	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	502792	95.546	ug/l	89
52) Toluene	10.635	92	181692	19.436	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	107534	19.142	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	119489	19.430	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	72255	19.253	ug/l	91
56) Ethyl methacrylate	10.877	69	102316	19.840	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	127319	19.647	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	165449	83.772	ug/l	89
59) 2-Hexanone	11.200	43	361032	95.076	ug/l	88
60) Dibromochloromethane	11.365	129	73766	19.557	ug/l	98
61) 1,2-Dibromoethane	11.471	107	70069	18.813	ug/l	97
64) Tetrachloroethene	11.106	164	59305	19.034	ug/l	95
65) Chlorobenzene	11.894	112	188363	18.675	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	69117	18.715	ug/l	96
67) Ethyl Benzene	11.965	91	333727	19.036	ug/l	97
68) m/p-Xylenes	12.077	106	250918	39.391	ug/l	94
69) o-Xylene	12.400	106	120565	19.246	ug/l	94
70) Styrene	12.418	104	192936	19.498	ug/l	97
71) Bromoform	12.576	173	49248	18.220	ug/l #	99
73) Isopropylbenzene	12.700	105	308872	18.923	ug/l	100
74) N-amyl acetate	12.500	43	120198	17.962	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	106618	19.495	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	95162m	18.811	ug/l	
77) Bromobenzene	12.982	156	72608	18.141	ug/l	96
78) n-propylbenzene	13.041	91	357996	19.385	ug/l	97
79) 2-Chlorotoluene	13.129	91	218653	18.502	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	253312	19.680	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28724	16.475	ug/l #	81
82) 4-Chlorotoluene	13.224	91	210180	18.690	ug/l	99
83) tert-Butylbenzene	13.441	119	200337	18.997	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	248656	20.243	ug/l	98
85) sec-Butylbenzene	13.623	105	288779	19.632	ug/l	99
86) p-Isopropyltoluene	13.735	119	227816	20.189	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	120217	18.938	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	120071	18.318	ug/l	98
89) n-Butylbenzene	14.065	91	177248	19.670	ug/l	98
90) Hexachloroethane	14.335	117	45861	19.379	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	116668	18.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15651	16.582	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	30668	15.991	ug/l	96
94) Hexachlorobutadiene	15.506	225	29187	19.541	ug/l	99
95) Naphthalene	15.641	128	80080	13.674	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	35665	15.584	ug/l	97

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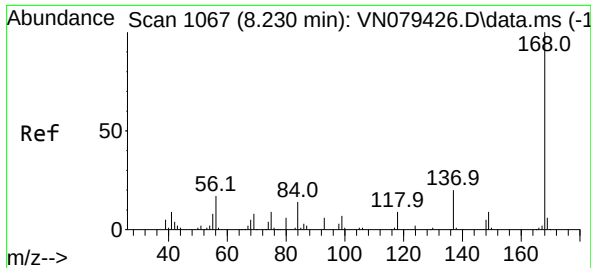
Manual Integrations
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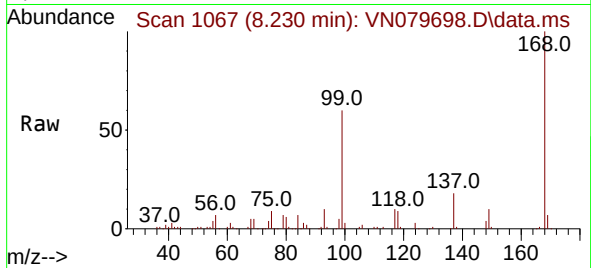
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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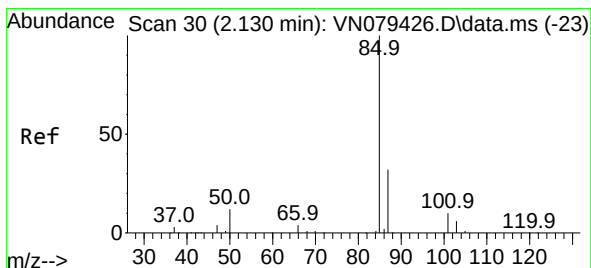
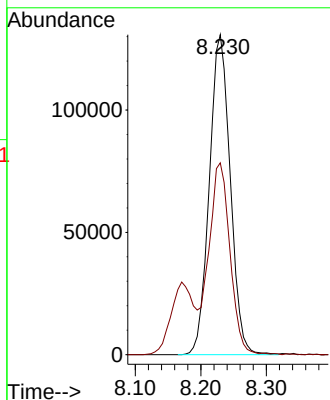
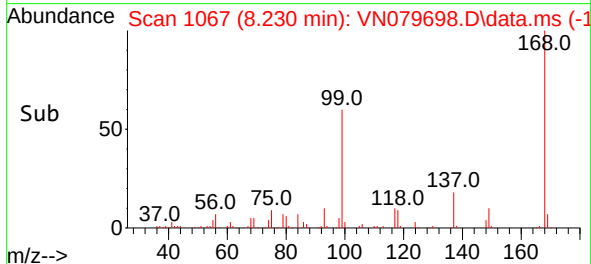
Instrument :
MSVOA_N
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VN1026WBS01



Tgt Ion:168 Resp: 28954
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

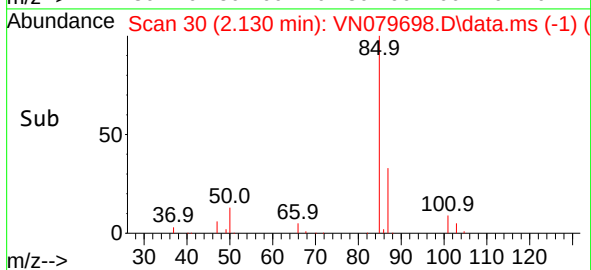
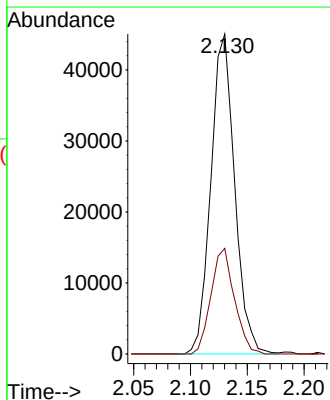
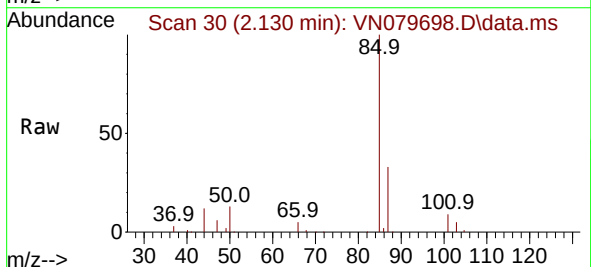
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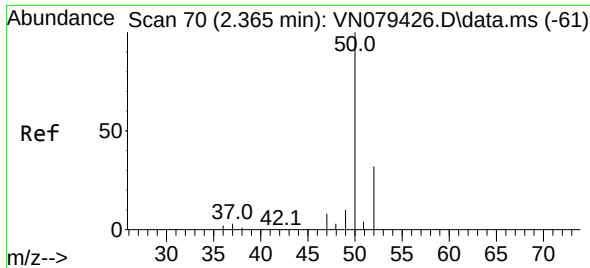
Reviewed By :John Carlone 10/27/2023
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#2
Dichlorodifluoromethane
Concen: 15.823 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

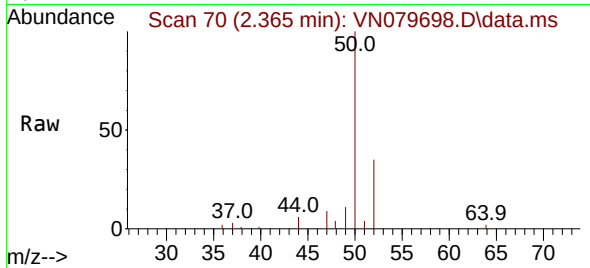
Tgt Ion: 85 Resp: 65649
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4





#3
Chloromethane
Concen: 14.526 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

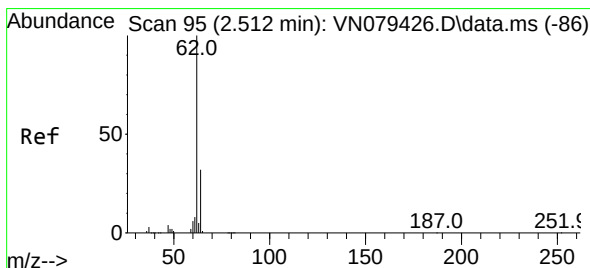
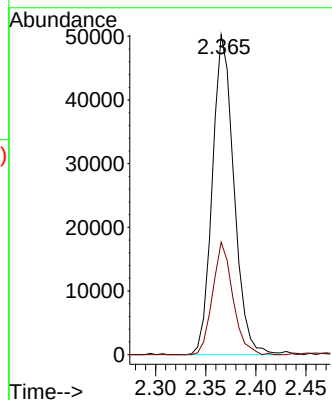
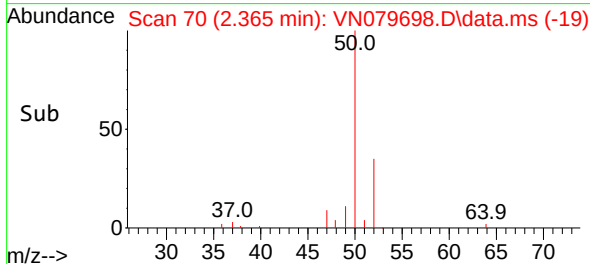
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Tgt Ion: 50 Resp: 75200
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7

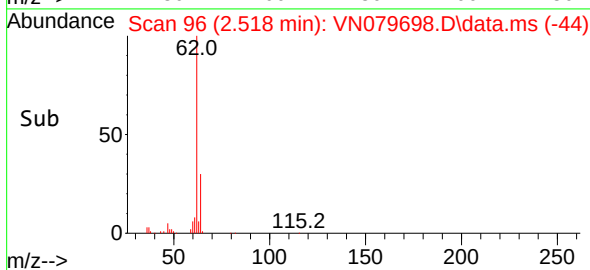
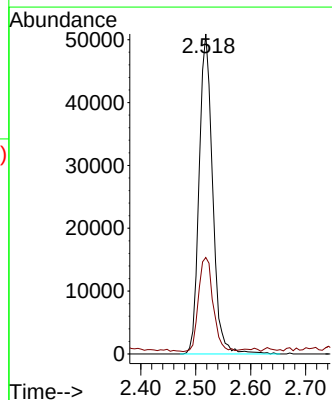
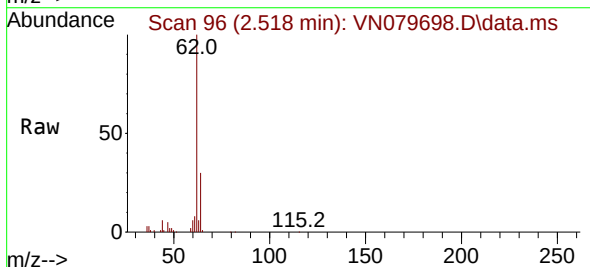
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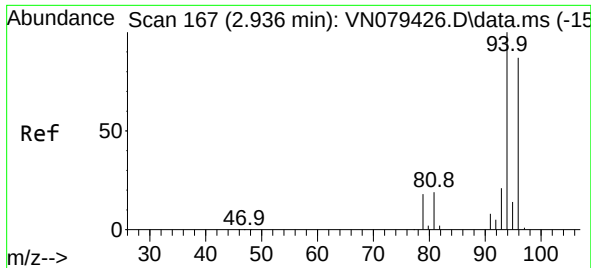
Reviewed By :John Carlone 10/27/2023
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#4
Vinyl Chloride
Concen: 16.131 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 62 Resp: 86863
Ion Ratio Lower Upper
62 100
64 29.3 26.2 39.2





#5

Bromomethane

Concen: 21.101 ug/l

RT: 2.954 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tgt Ion: 94 Resp: 68020

Ion Ratio Lower Upper

94 100

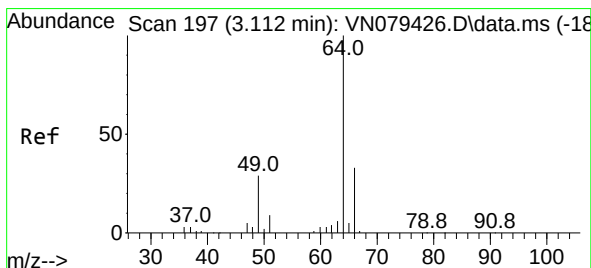
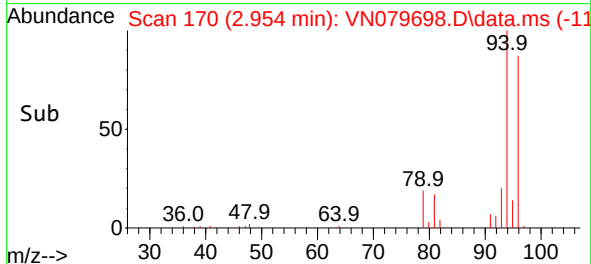
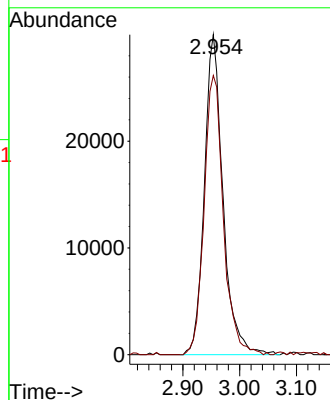
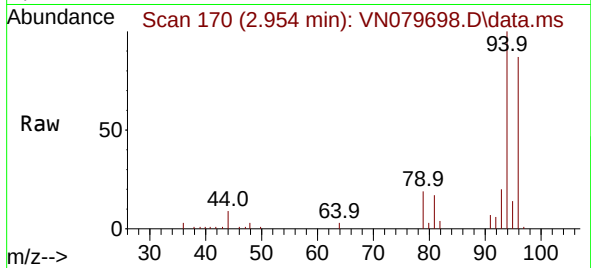
96 87.3 73.1 109.7

Manual Integrations

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#6

Chloroethane

Concen: 15.535 ug/l

RT: 3.124 min Scan# 199

Delta R.T. 0.012 min

Lab File: VN079698.D

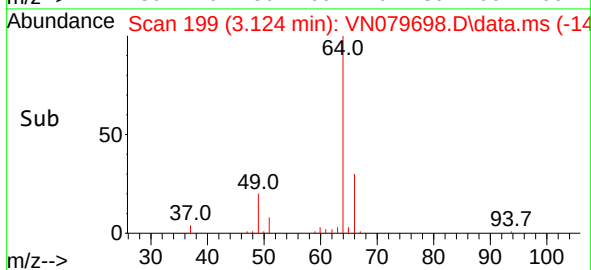
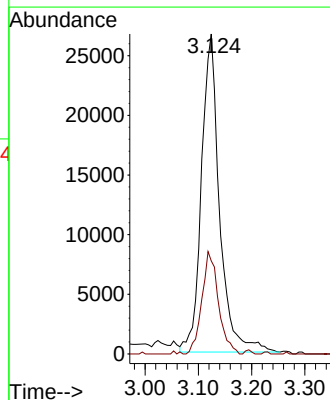
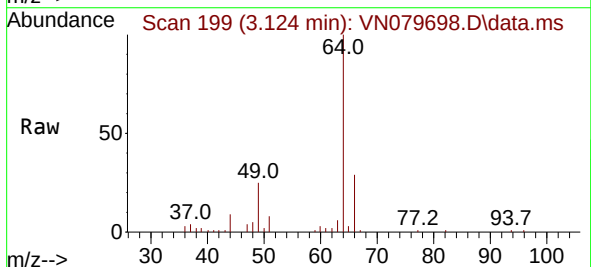
Acq: 26 Oct 2023 16:24

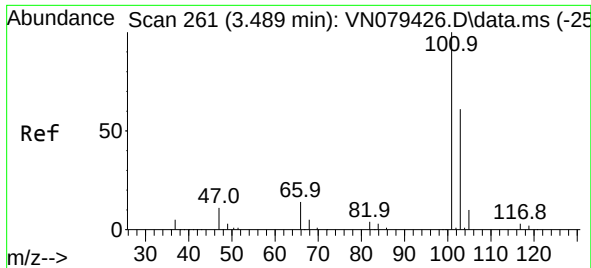
Tgt Ion: 64 Resp: 63066

Ion Ratio Lower Upper

64 100

66 29.3 25.4 38.2





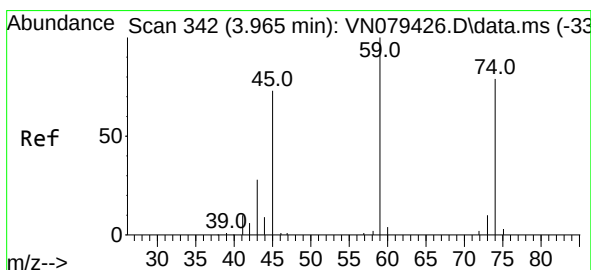
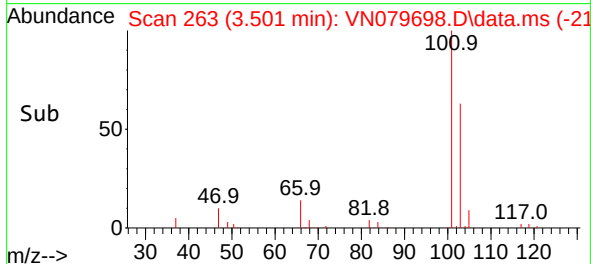
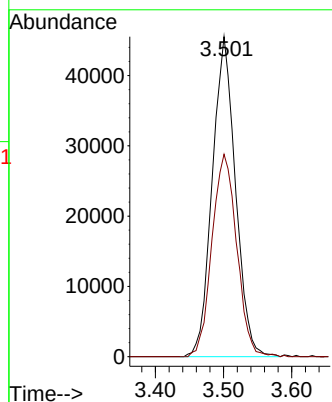
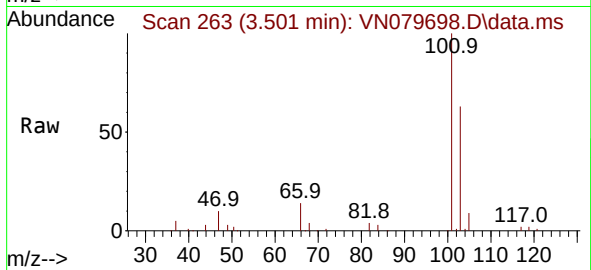
#7
 Trichlorofluoromethane
 Concen: 17.006 ug/l
 RT: 3.501 min Scan# 261
 Delta R.T. 0.012 min
 Lab File: VN079698.D
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Instrument :
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Tgt Ion:101 Resp: 10812
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.7 76.1

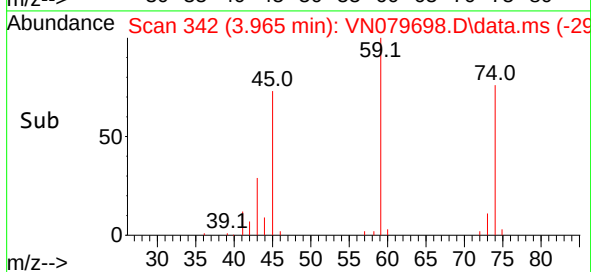
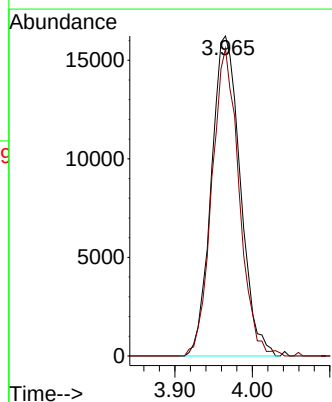
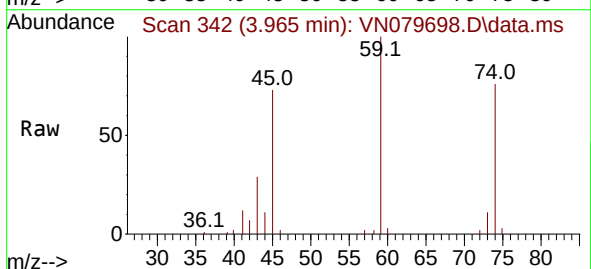
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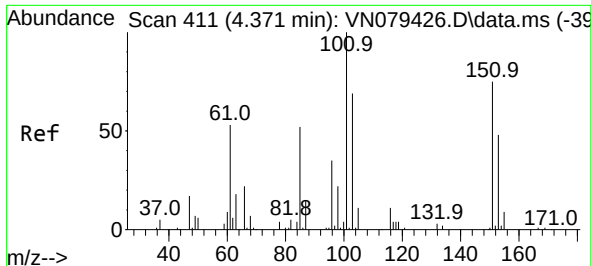
Reviewed By :John Carlone 10/27/2023
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#8
 Diethyl Ether
 Concen: 18.642 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 42254
 Ion Ratio Lower Upper
 74 100
 45 89.9 34.4 103.3





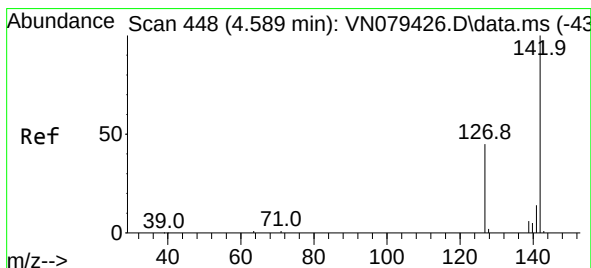
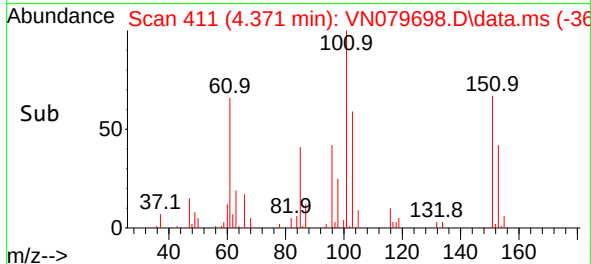
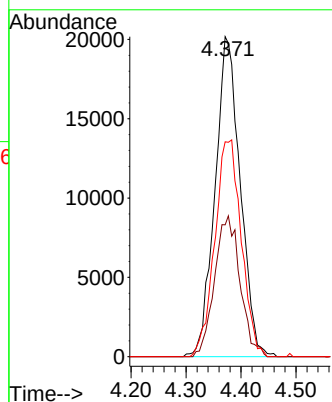
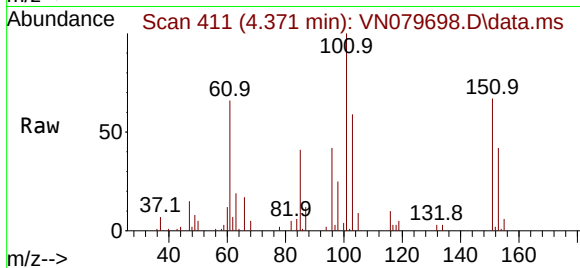
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.271 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:101 Resp: 6416
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 71.4 57.6 86.4

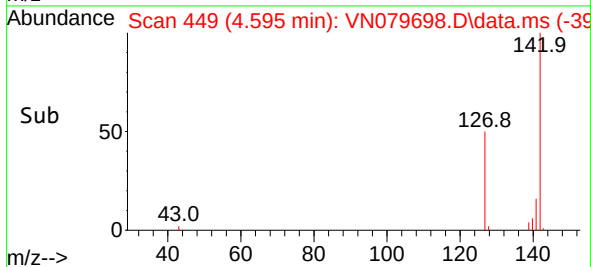
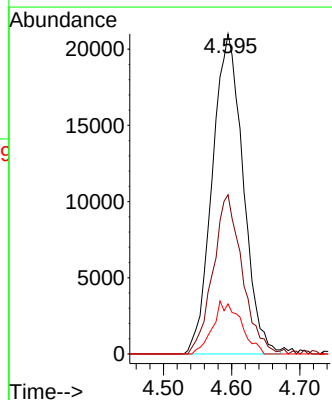
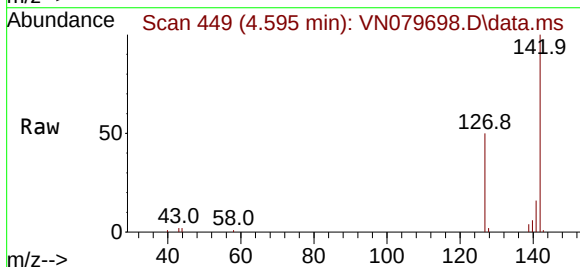
Manual Integrations
APPROVED

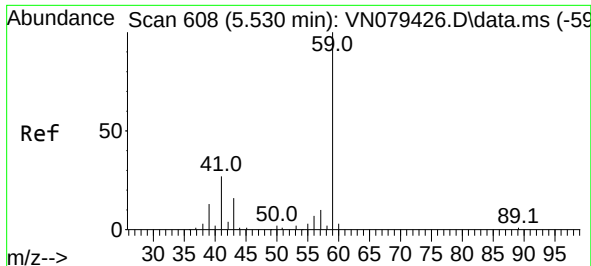
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#10
Methyl Iodide
Concen: 20.436 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

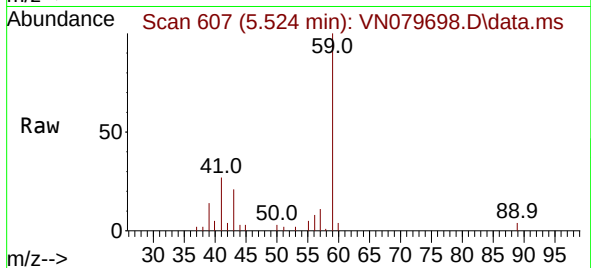
Tgt Ion:142 Resp: 65886
Ion Ratio Lower Upper
142 100
127 49.8 37.6 56.4
141 15.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 77.161 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

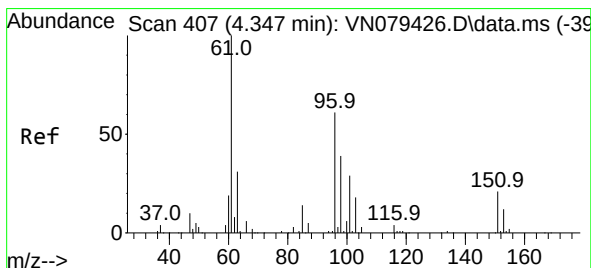
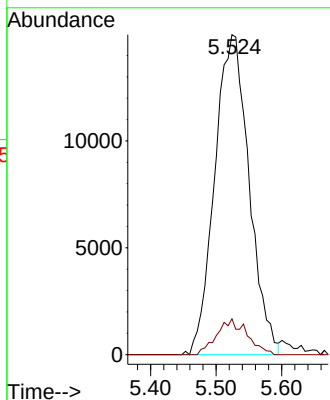
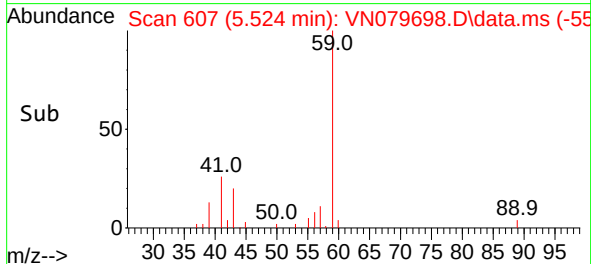
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



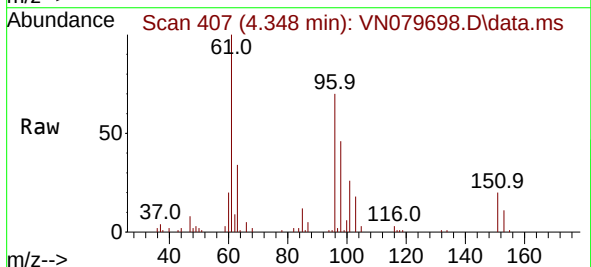
Tgt Ion: 59 Resp: 5452
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

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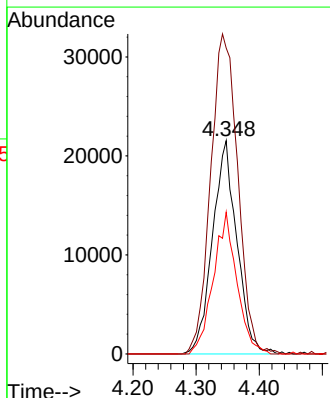
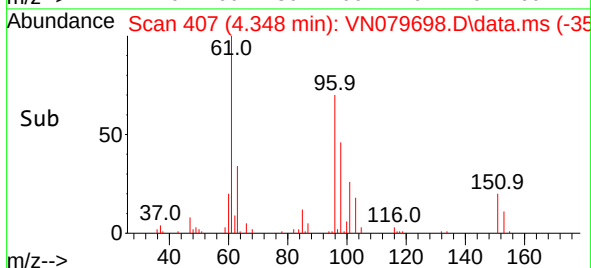
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

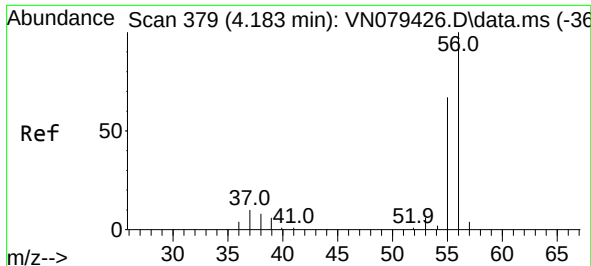


#12
1,1-Dichloroethene
Concen: 16.919 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24



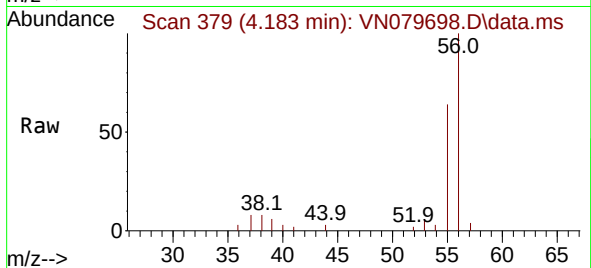
Tgt Ion: 96 Resp: 57878
Ion Ratio Lower Upper
96 100
61 143.4 112.7 169.1
98 66.5 51.2 76.8





#13
Acrolein
Concen: 78.368 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

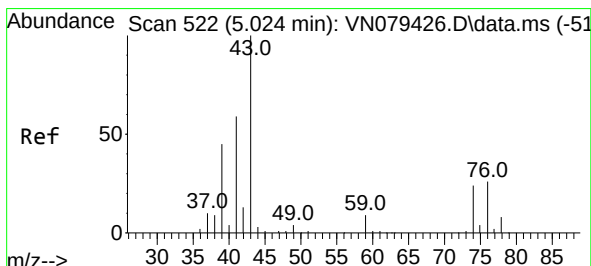
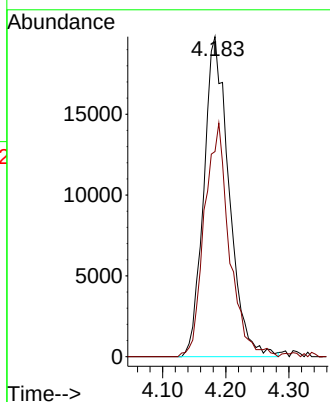
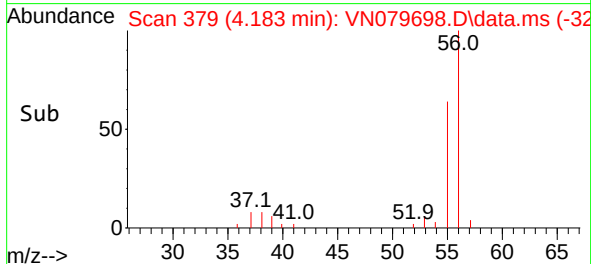
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



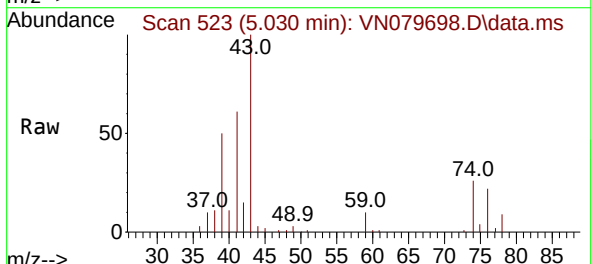
Tgt Ion: 56 Resp: 5513
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7

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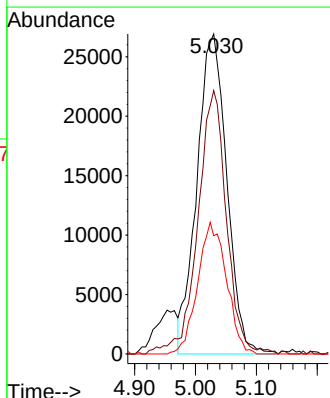
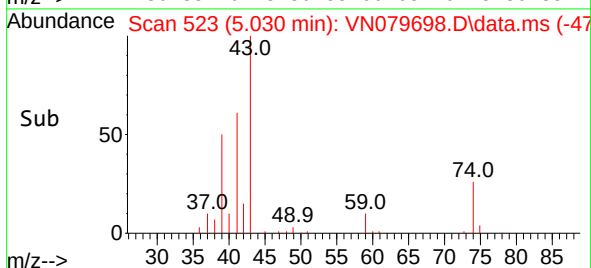
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

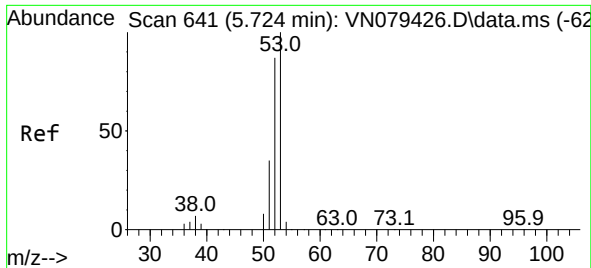


#14
Allyl chloride
Concen: 16.650 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24



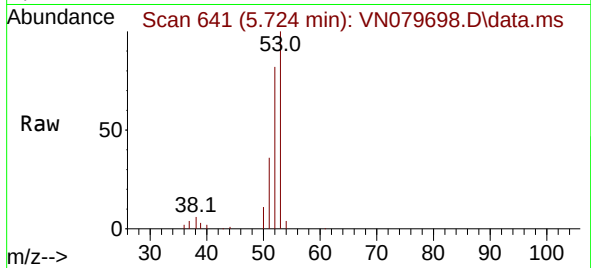
Tgt Ion: 41 Resp: 91920
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 39.6 39.1 58.7





#15
Acrylonitrile
Concen: 87.544 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

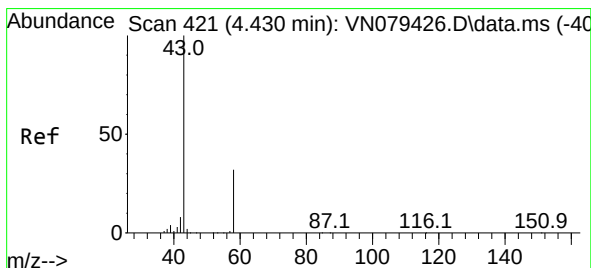
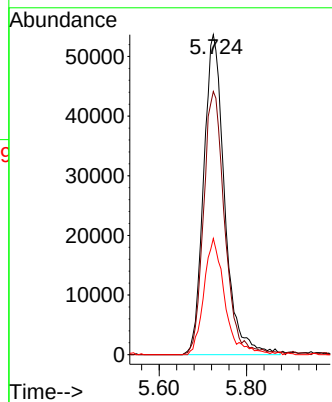
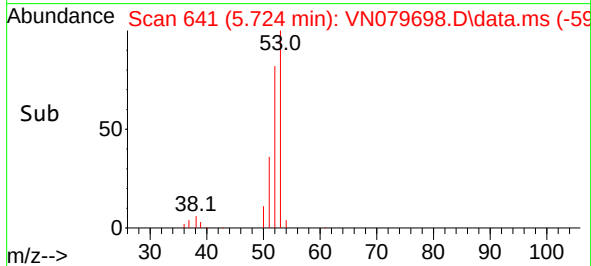
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



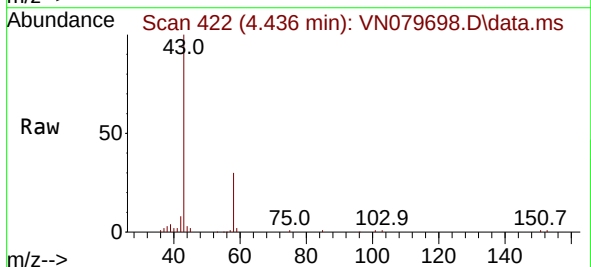
Tgt Ion: 53 Resp: 179336
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.1 28.9 43.3

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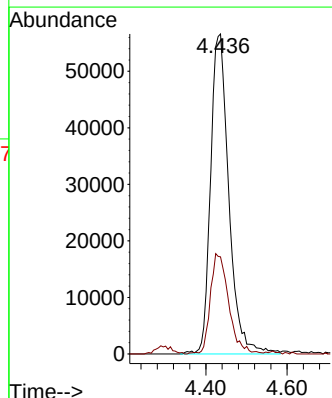
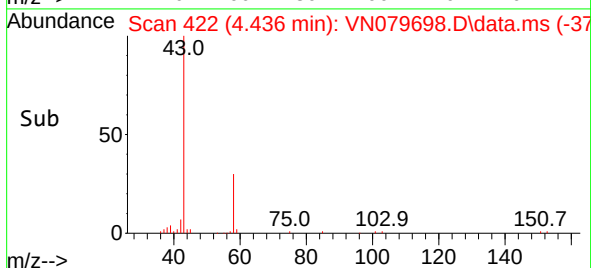
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

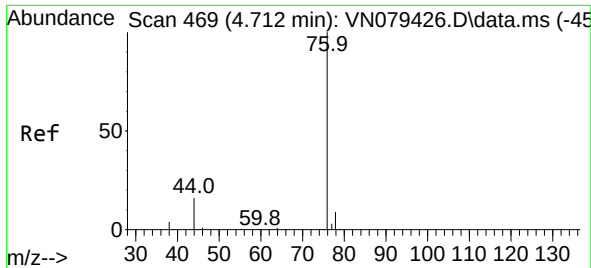


#16
Acetone
Concen: 94.727 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24



Tgt Ion: 43 Resp: 176389
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0





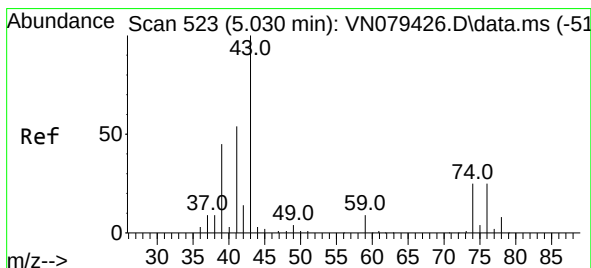
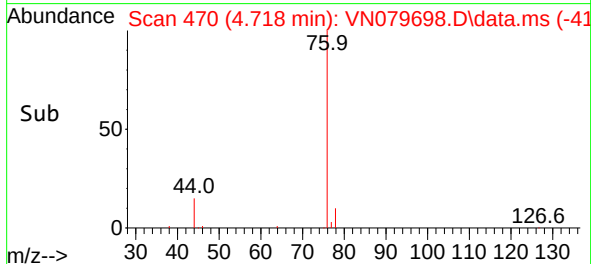
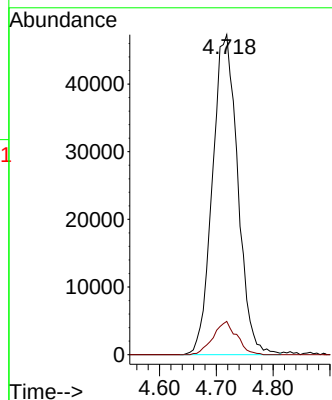
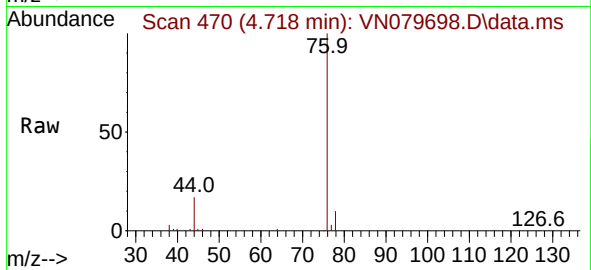
#17
Carbon Disulfide
Concen: 13.694 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion: 76 Resp: 146128
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

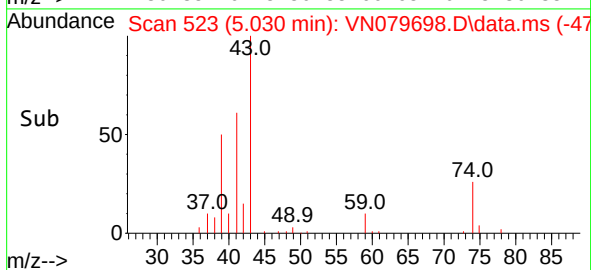
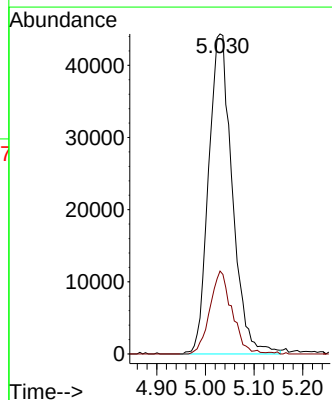
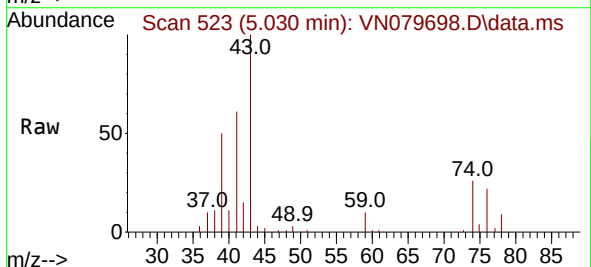
Manual Integrations
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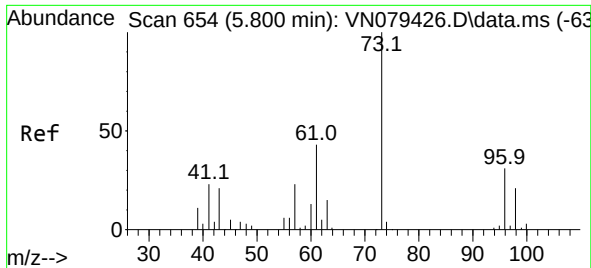
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#18
Methyl Acetate
Concen: 16.405 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 43 Resp: 149510
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#





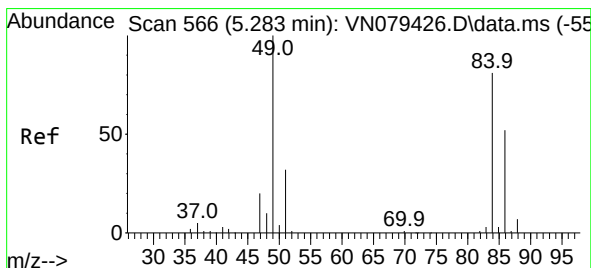
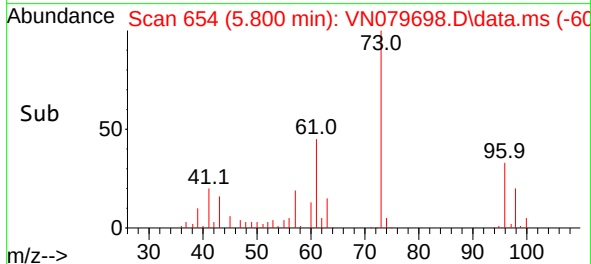
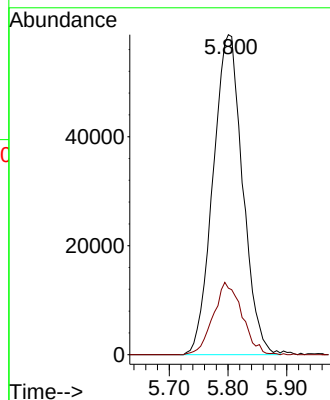
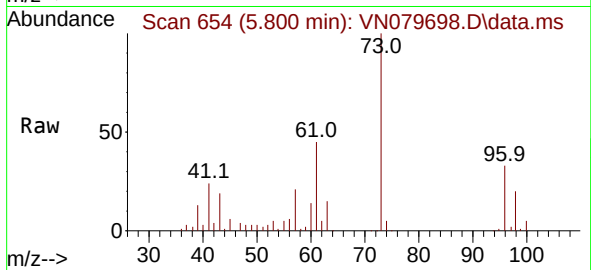
#19
Methyl tert-butyl Ether
Concen: 18.520 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion: 73 Resp: 20585
Ion Ratio Lower Upper
73 100
57 20.8 15.6 23.4

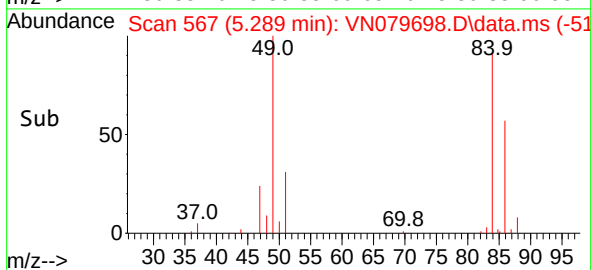
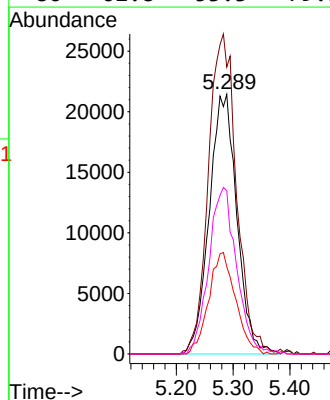
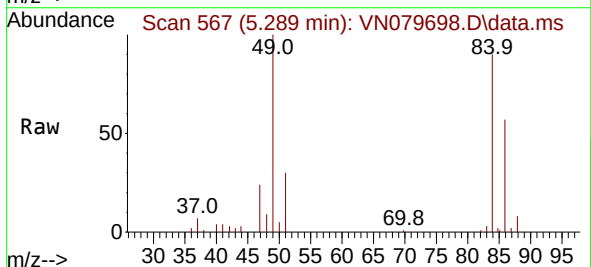
Manual Integrations
APPROVED

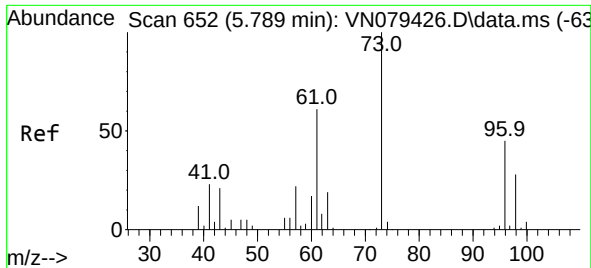
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#20
Methylene Chloride
Concen: 17.394 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 84 Resp: 72526
Ion Ratio Lower Upper
84 100
49 110.6 79.7 119.5
51 33.6 25.2 37.8
86 62.8 53.3 79.9





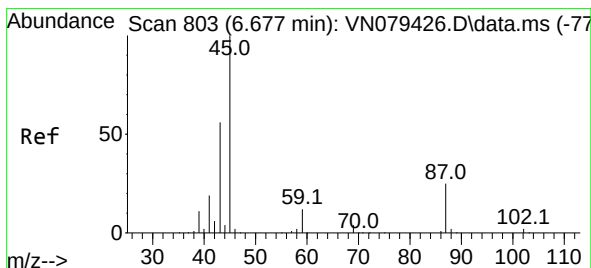
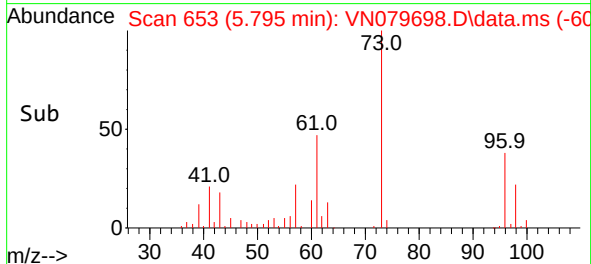
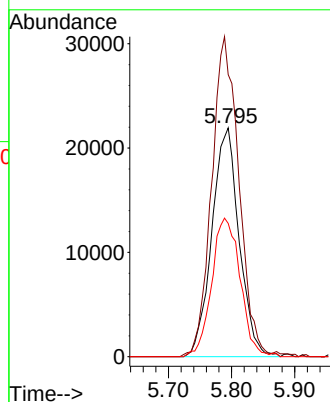
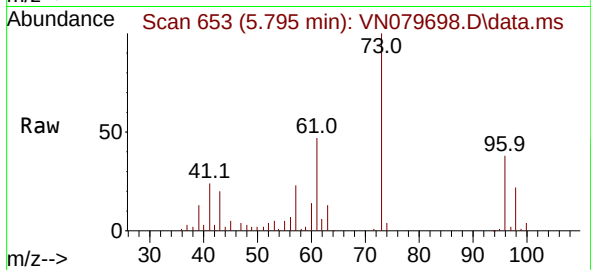
#21
trans-1,2-Dichloroethene
Concen: 16.465 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion: 96 Resp: 65780
Ion Ratio Lower Upper
96 100
61 123.3 90.1 135.1
98 58.3 46.4 69.6

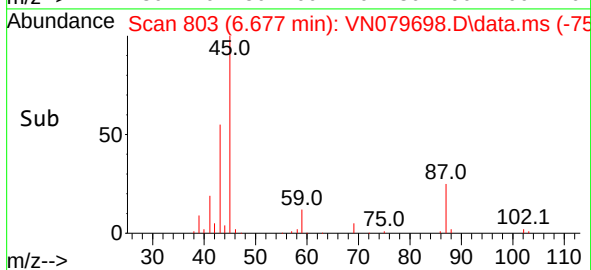
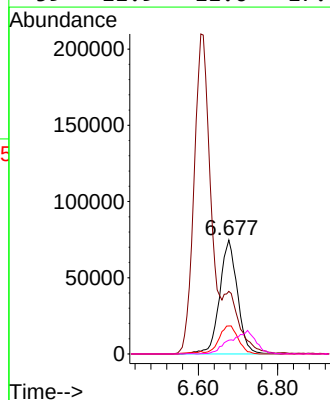
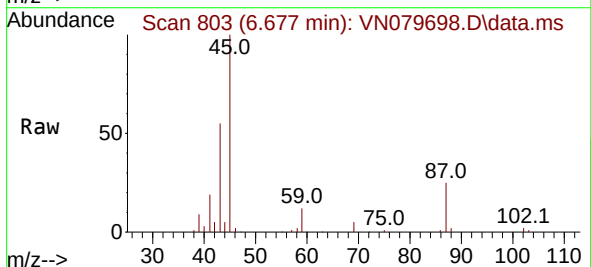
Manual Integrations
APPROVED

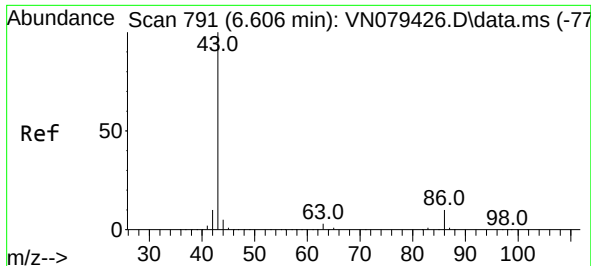
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#22
Diisopropyl ether
Concen: 18.840 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 45 Resp: 233230
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 24.5 31.8 47.8#
59 11.9 11.6 17.4





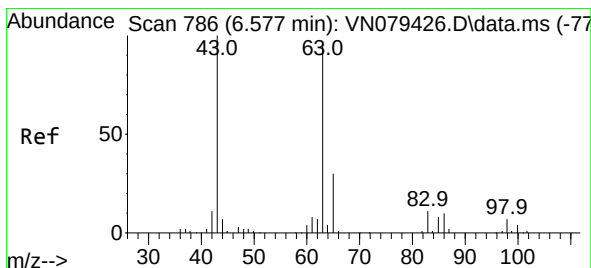
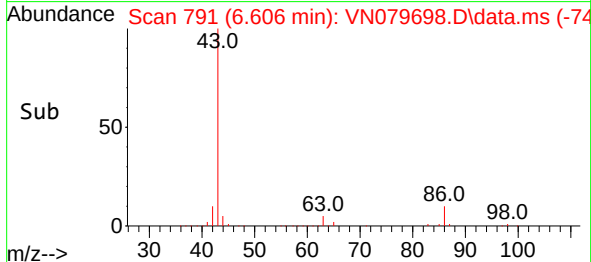
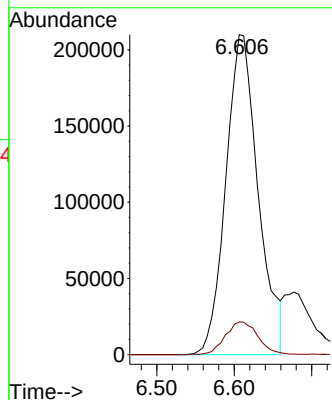
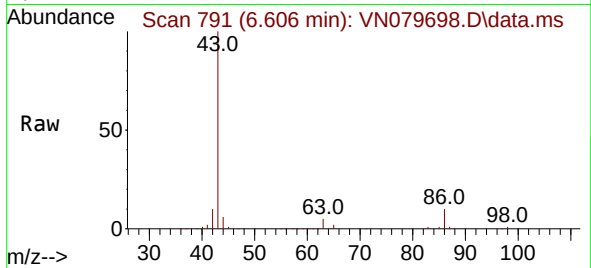
#23
 Vinyl Acetate
 Concen: 87.565 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079698.D
 Acq: 26 Oct 2023 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tgt Ion: 43 Resp: 609740
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6

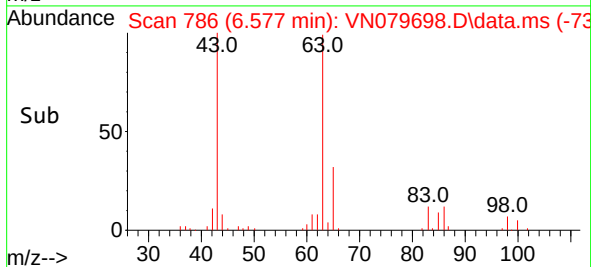
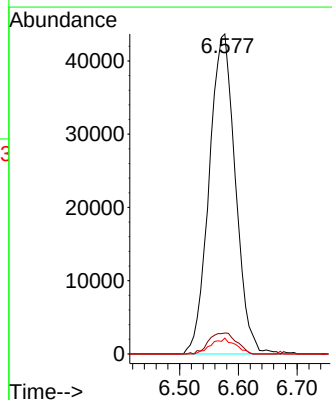
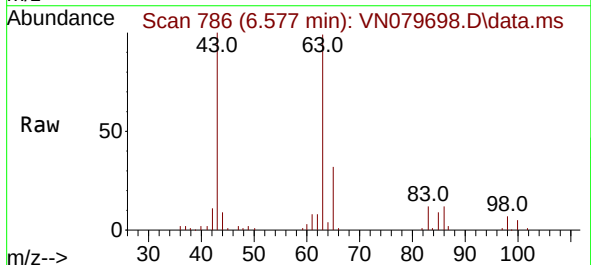
Manual Integrations
 APPROVED

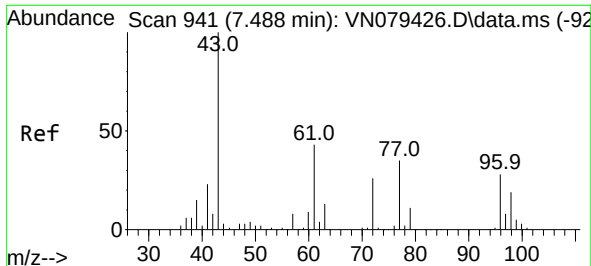
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#24
 1,1-Dichloroethane
 Concen: 17.863 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079698.D
 Acq: 26 Oct 2023 16:24

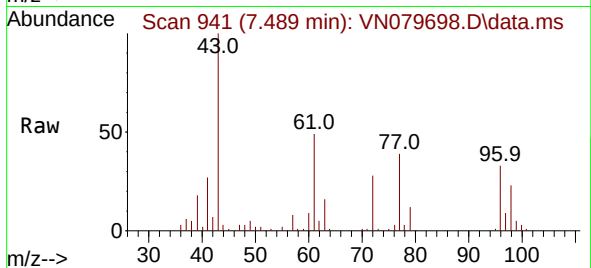
Tgt Ion: 63 Resp: 135333
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 87.841 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

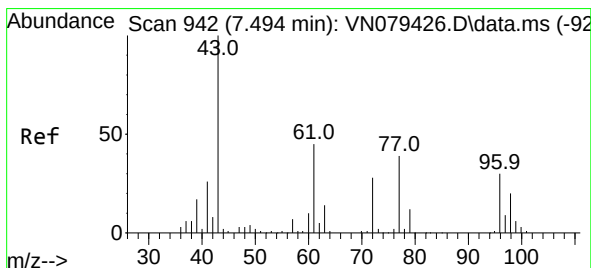
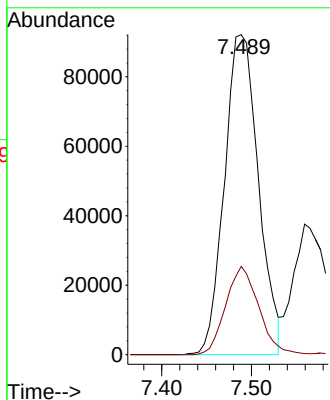
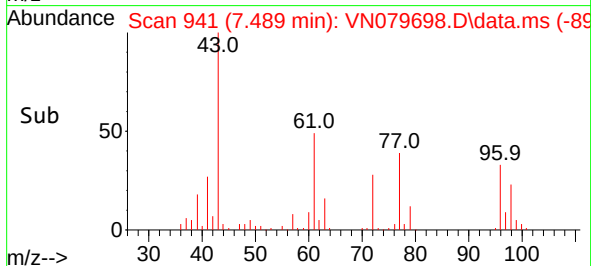
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 43 Resp: 242768
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2

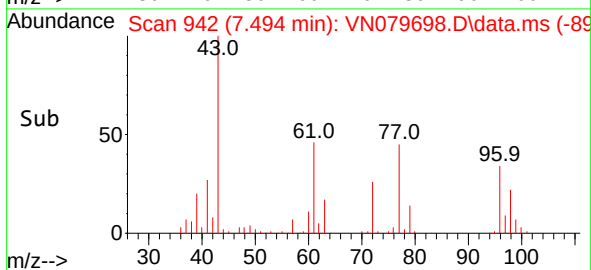
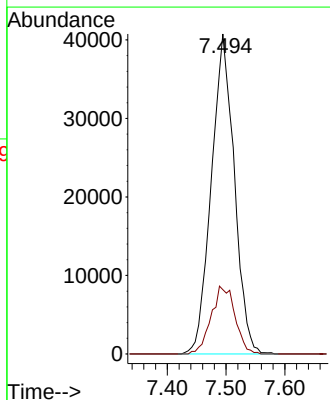
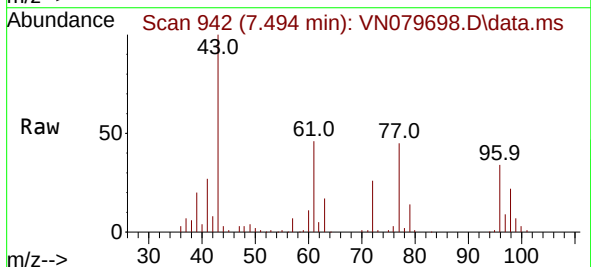
Manual Integrations
APPROVED

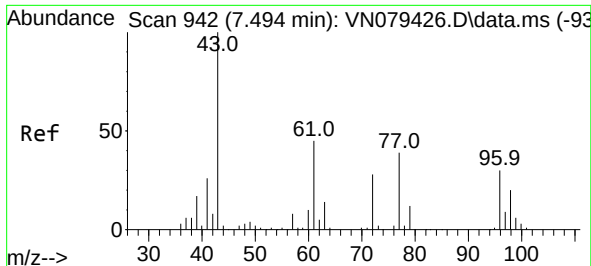
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#26
2,2-Dichloropropane
Concen: 19.088 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

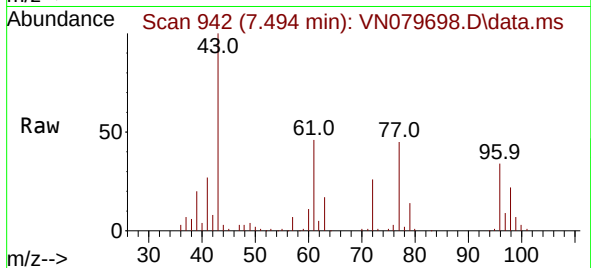
Tgt Ion: 77 Resp: 110515
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.113 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079698.D
 Acq: 26 Oct 2023 16:24

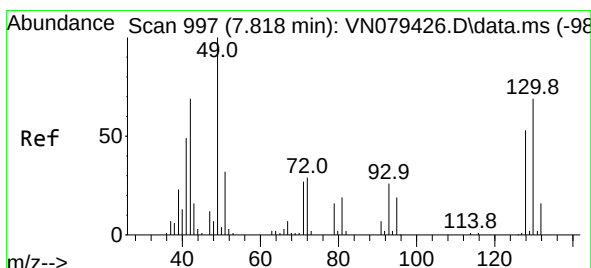
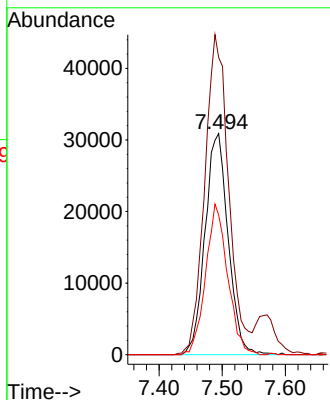
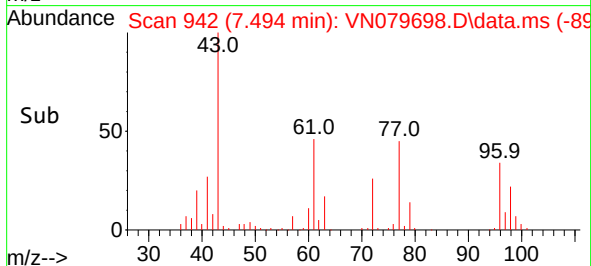
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01



Tgt Ion: 96 Resp: 7862
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 255.2
 98 64.8 0.0 128.8

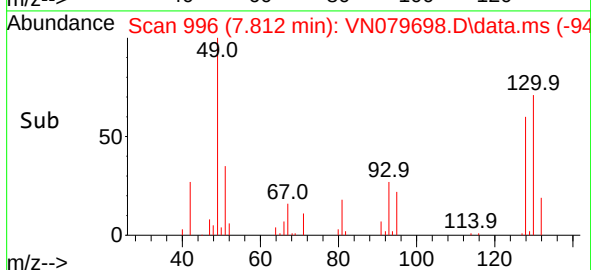
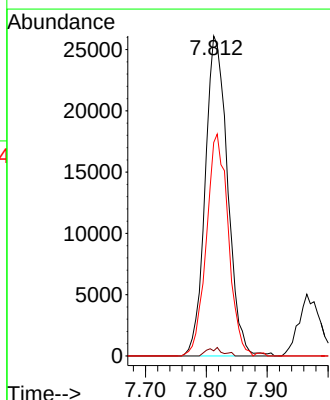
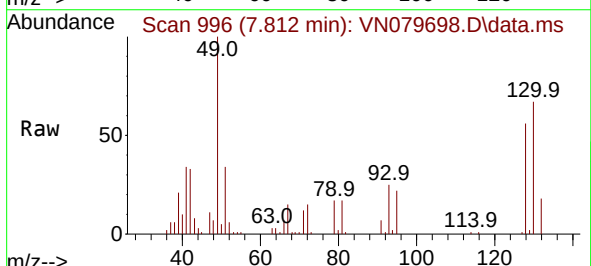
Manual Integrations
 APPROVED

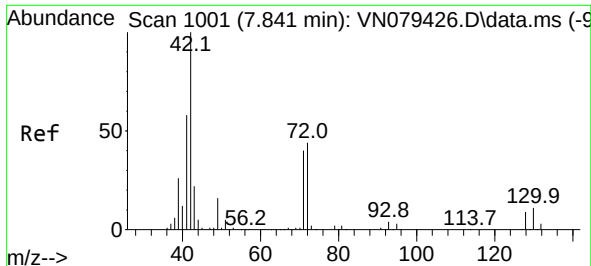
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#28
 Bromochloromethane
 Concen: 18.512 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079698.D
 Acq: 26 Oct 2023 16:24

Tgt Ion: 49 Resp: 66732
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 67.5 75.3 112.9#





#29

Tetrahydrofuran

Concen: 86.150 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

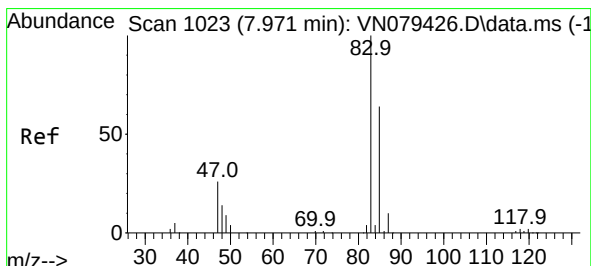
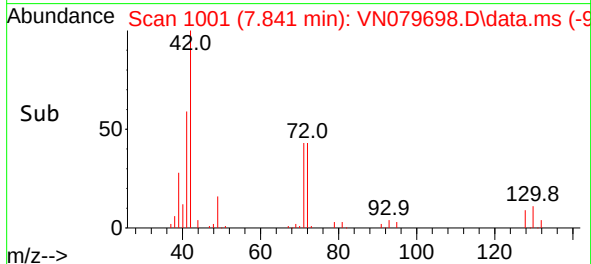
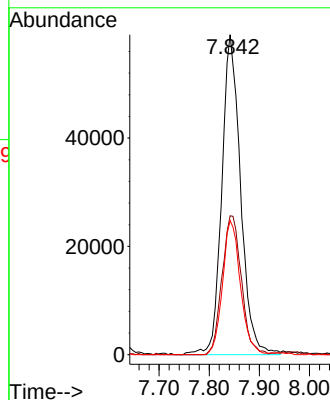
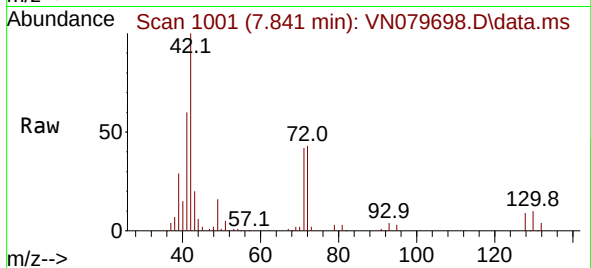
Tgt Ion: 42 Resp: 15398
 Ion Ratio Lower Upper
 42 100
 72 44.7 49.8 74.6
 71 39.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#30

Chloroform

Concen: 18.000 ug/l

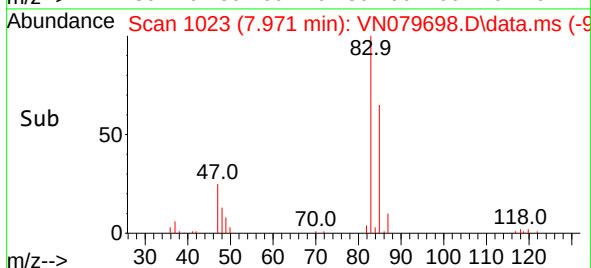
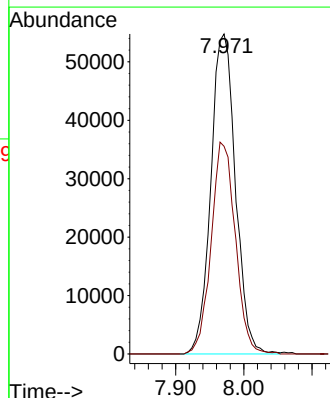
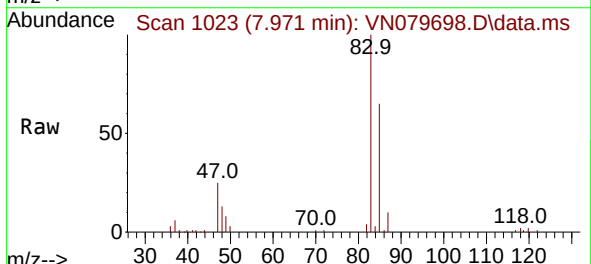
RT: 7.971 min Scan# 1023

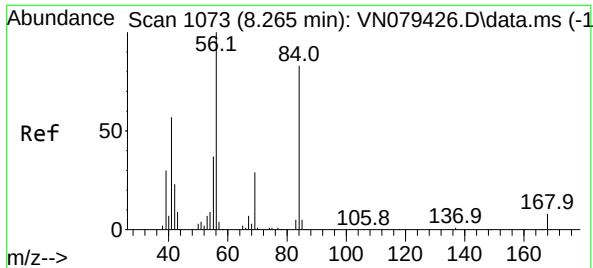
Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

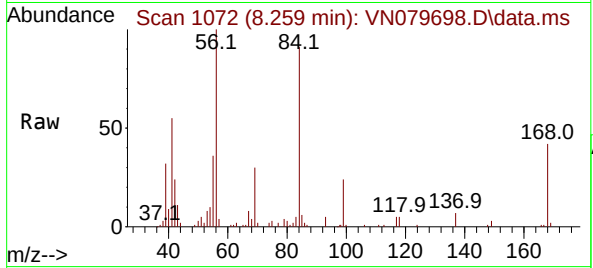
Tgt Ion: 83 Resp: 137786
 Ion Ratio Lower Upper
 83 100
 85 64.9 55.4 83.0





#31
Cyclohexane
Concen: 16.167 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

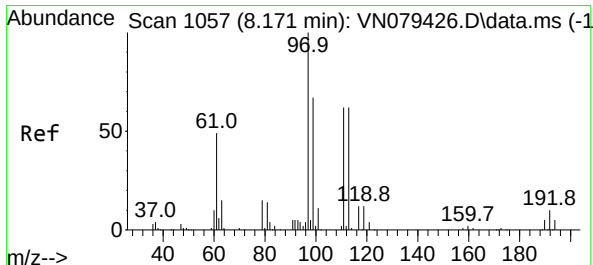
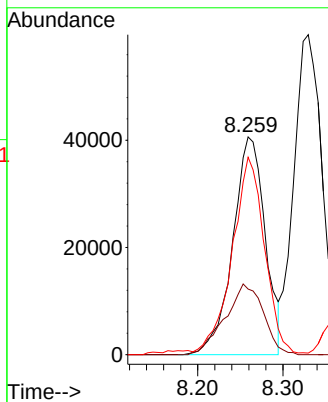
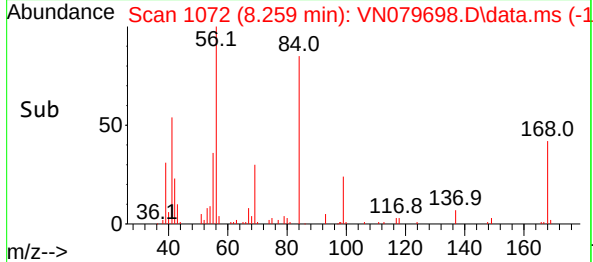
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



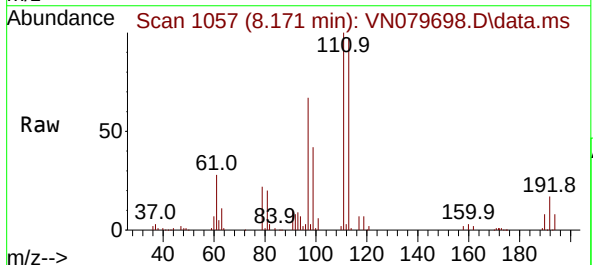
Tgt Ion: 56 Resp: 107658
Ion Ratio Lower Upper
56 100
69 30.1 26.8 40.2
84 88.8 81.8 122.6

Manual Integrations
APPROVED

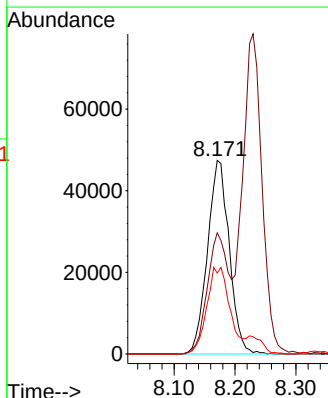
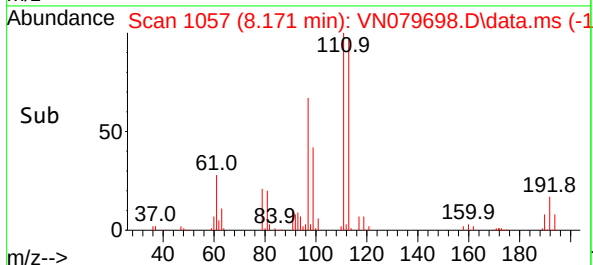
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

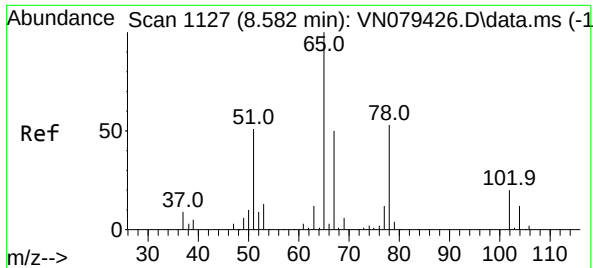


#32
1,1,1-Trichloroethane
Concen: 18.288 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24



Tgt Ion: 97 Resp: 117809
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 48.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 44.204 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tgt Ion: 65 Resp: 207524

Ion Ratio Lower Upper

65 100

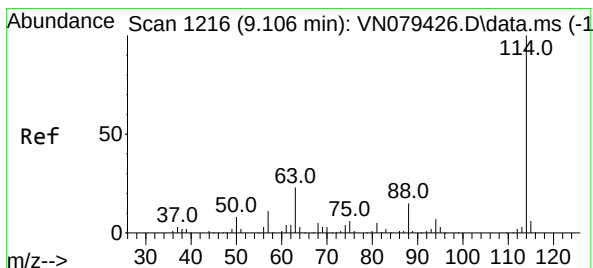
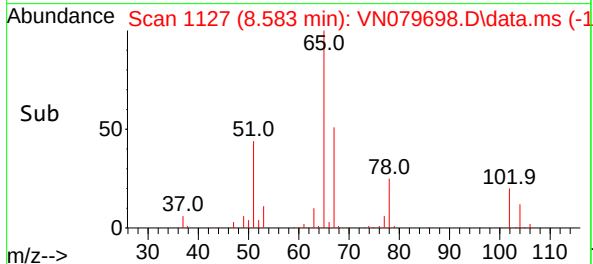
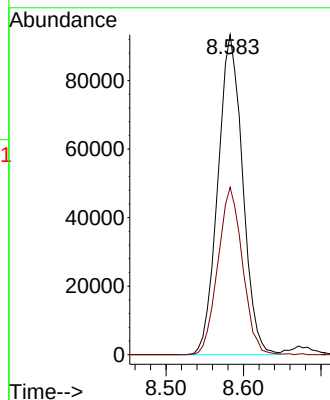
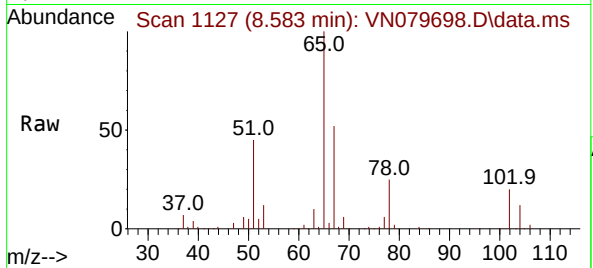
67 52.0 0.0 106.6

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: VN079698.D

Acq: 26 Oct 2023 16:24

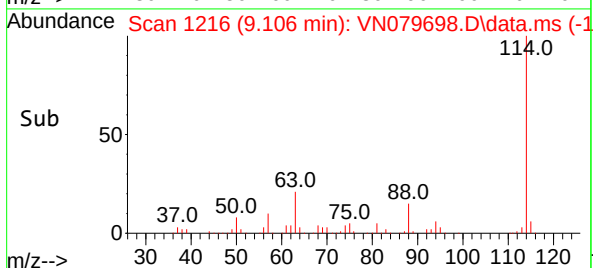
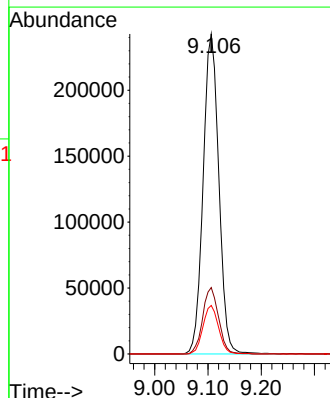
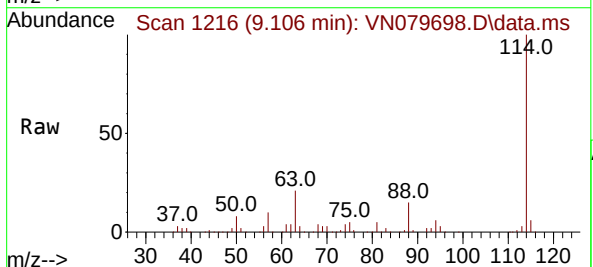
Tgt Ion:114 Resp: 495793

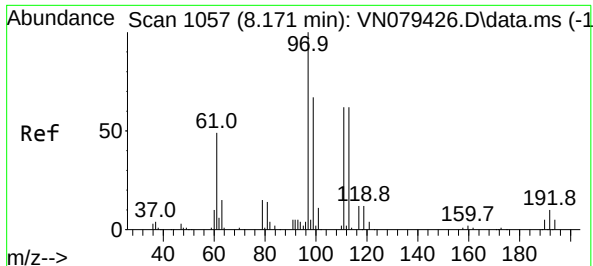
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

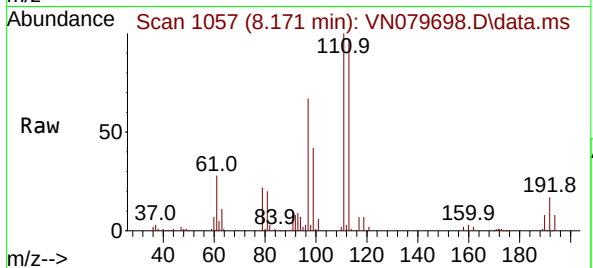
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 46.657 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

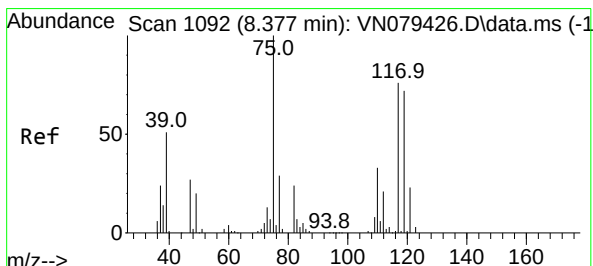
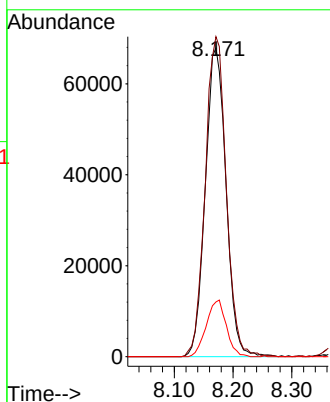
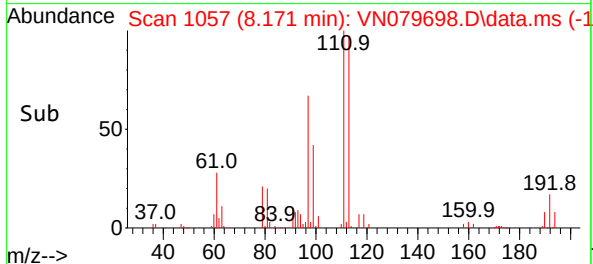
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 113 Resp: 166238
Ion Ratio Lower Upper
113 100
111 105.1 82.6 123.8
192 17.7 12.7 19.1

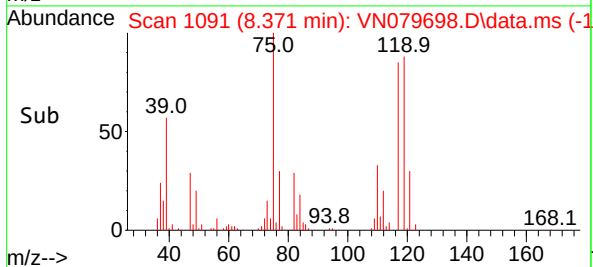
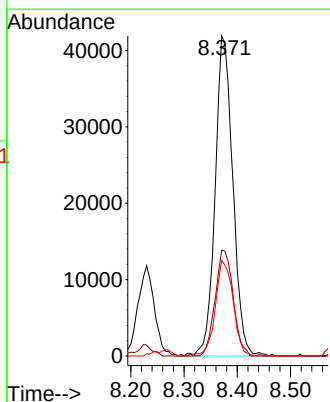
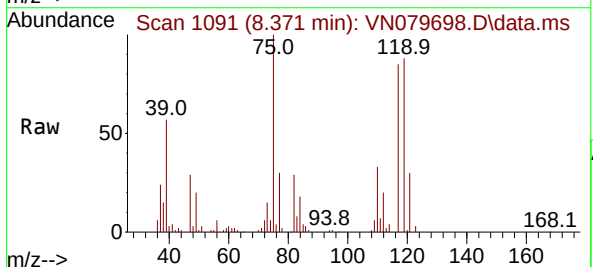
Manual Integrations
APPROVED

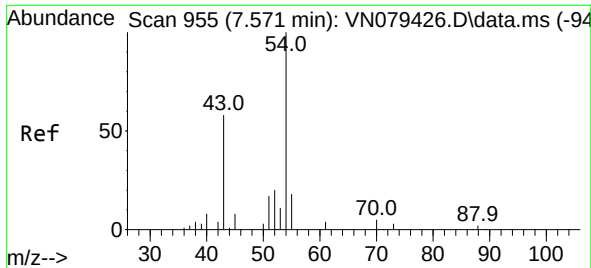
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#36
1,1-Dichloropropene
Concen: 18.096 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

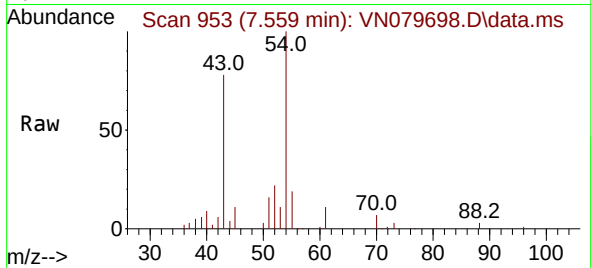
Tgt Ion: 75 Resp: 96768
Ion Ratio Lower Upper
75 100
110 33.6 19.1 57.3
77 29.8 25.0 37.4





#37
Ethyl Acetate
Concen: 19.093 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

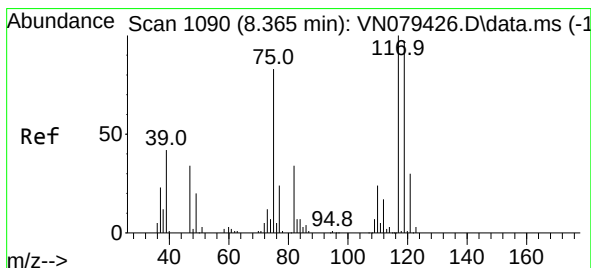
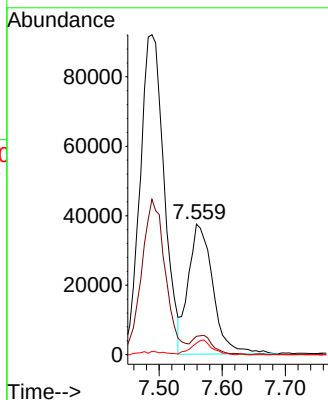
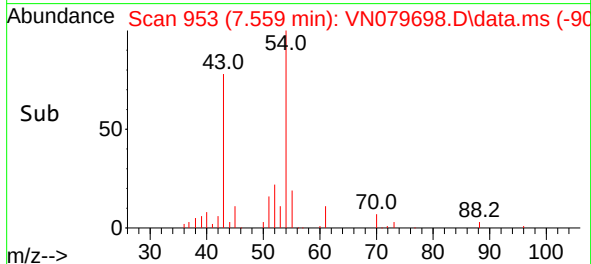
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 43 Resp: 101594
Ion Ratio Lower Upper
43 100
61 12.0 13.2 19.8
70 9.1 11.3 16.9

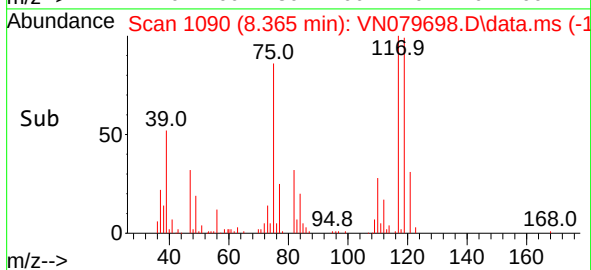
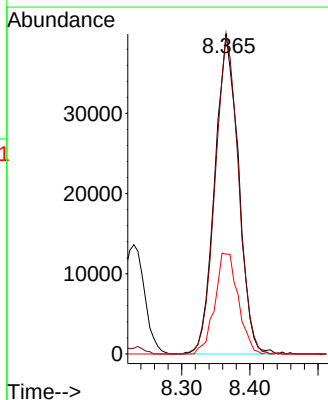
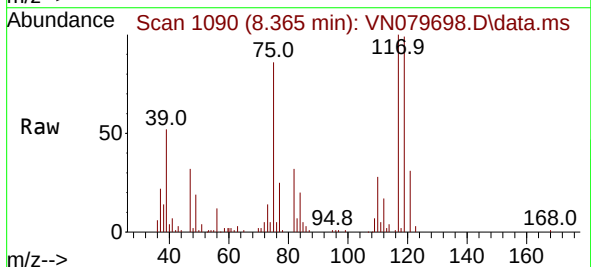
Manual Integrations
APPROVED

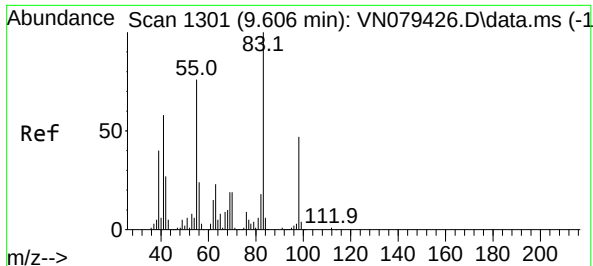
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#38
Carbon Tetrachloride
Concen: 18.038 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:117 Resp: 96566
Ion Ratio Lower Upper
117 100
119 99.4 77.3 115.9
121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 17.731 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

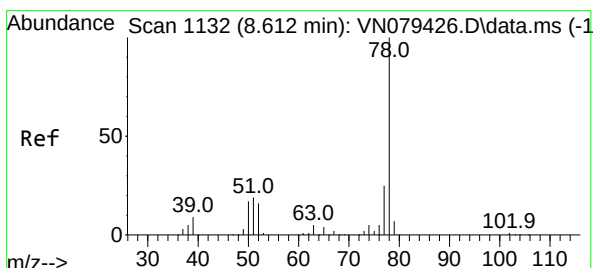
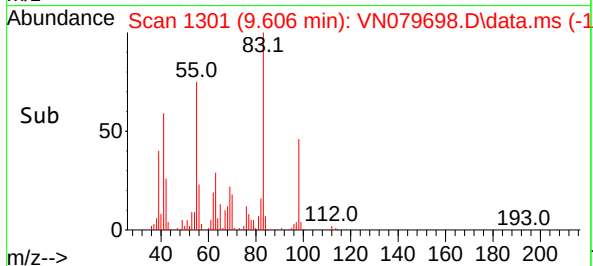
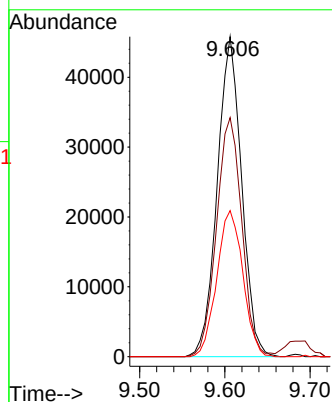
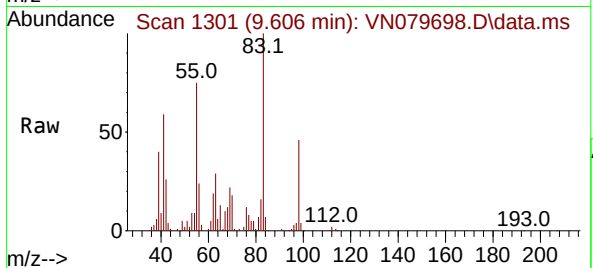
Tgt Ion:	83	Resp:	9109
Ion Ratio	Lower	Upper	
83	100		
55	74.7	49.1	73.7
98	45.6	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#40

Benzene

Concen: 18.676 ug/l

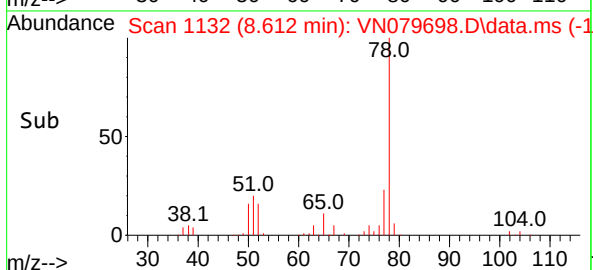
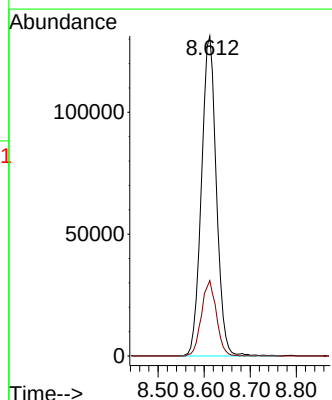
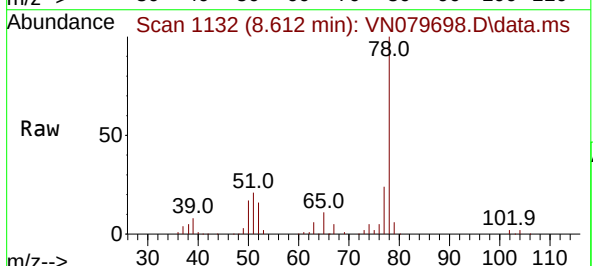
RT: 8.612 min Scan# 1132

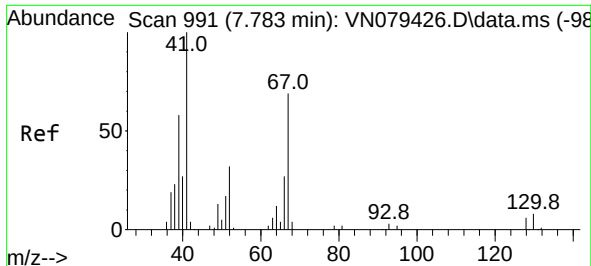
Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

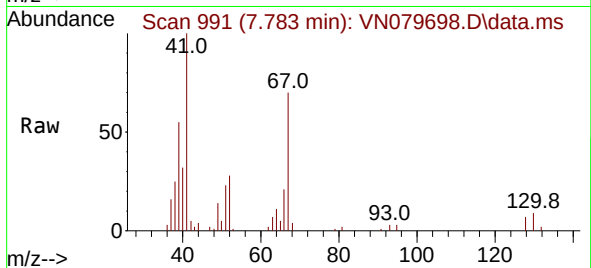
Tgt Ion:	78	Resp:	296596
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6





#41
Methacrylonitrile
Concen: 19.014 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

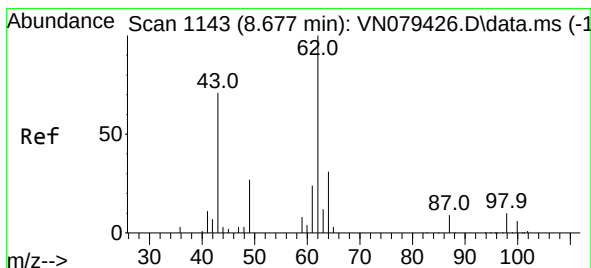
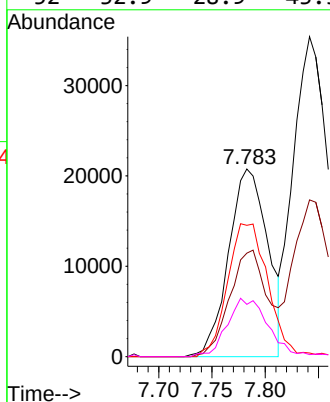
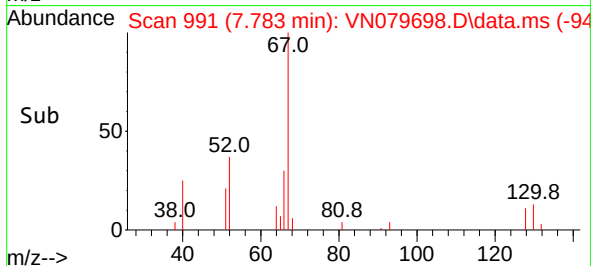
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 41 Resp: 53190
Ion Ratio Lower Upper
41 100
39 54.9 42.6 64.0
67 73.5 77.5 116.3
52 32.9 28.9 43.3

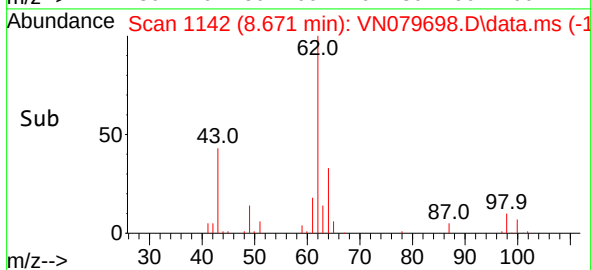
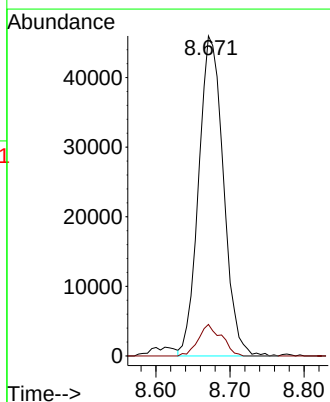
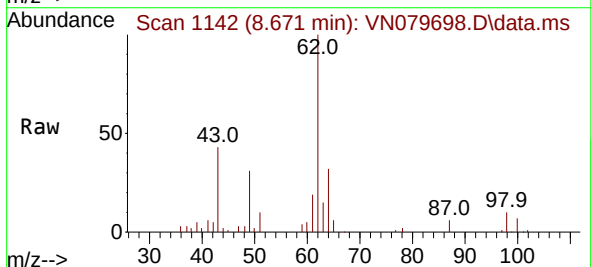
Manual Integrations
APPROVED

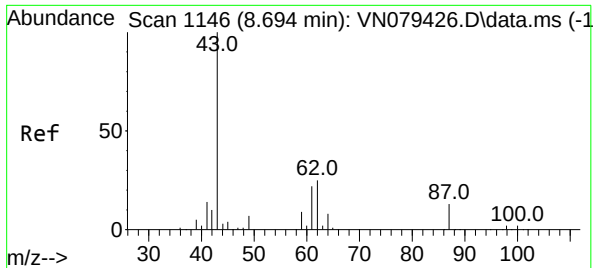
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#42
1,2-Dichloroethane
Concen: 18.503 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 62 Resp: 106772
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.320 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tgt Ion: 43 Resp: 161458

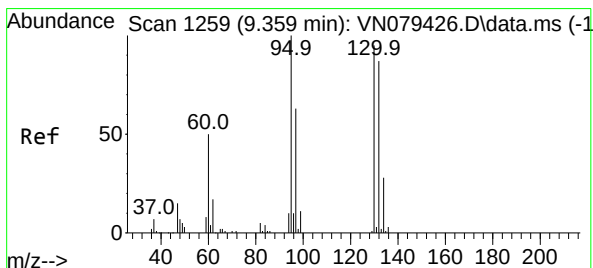
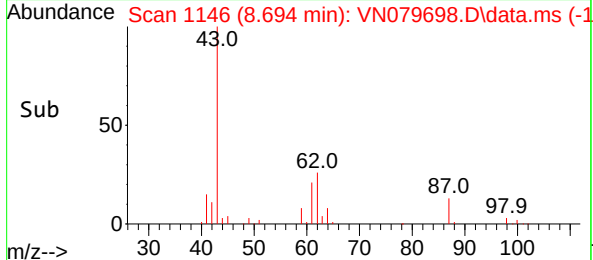
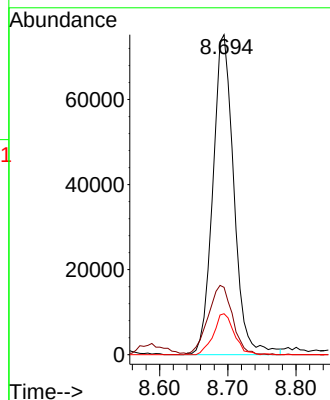
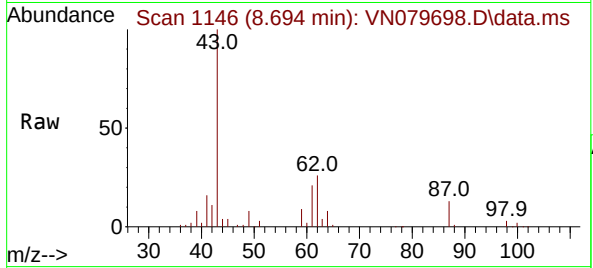
Ion	Ratio	Lower	Upper
43	100		
61	25.1	24.7	37.1
87	12.6	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#44

Trichloroethene

Concen: 18.527 ug/l

RT: 9.359 min Scan# 1259

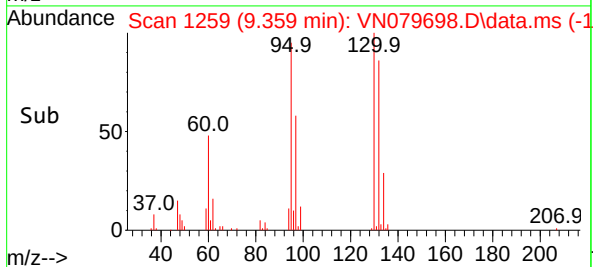
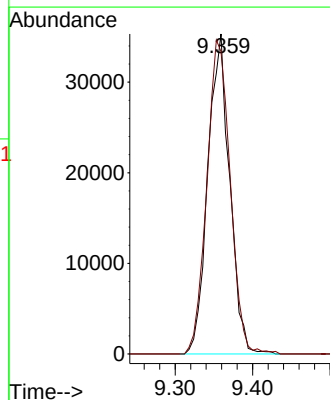
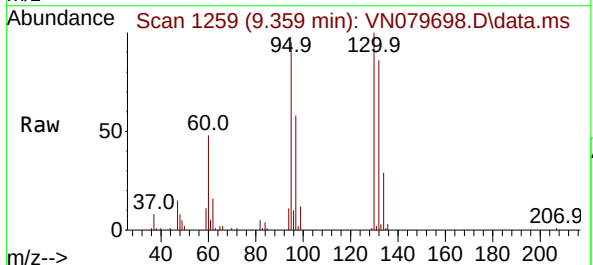
Delta R.T. 0.000 min

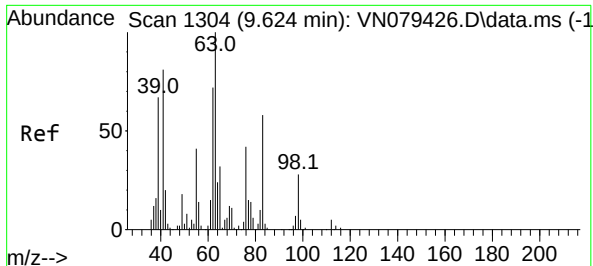
Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Tgt Ion:130 Resp: 69250

Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.787 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tgt Ion: 63 Resp: 7861

Ion Ratio Lower Upper

63 100

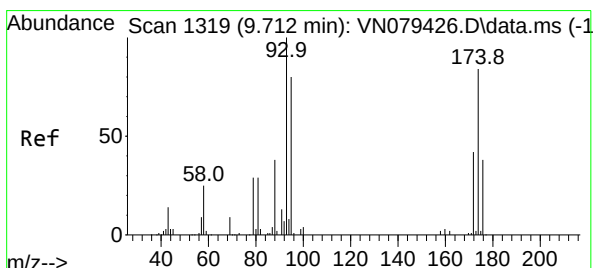
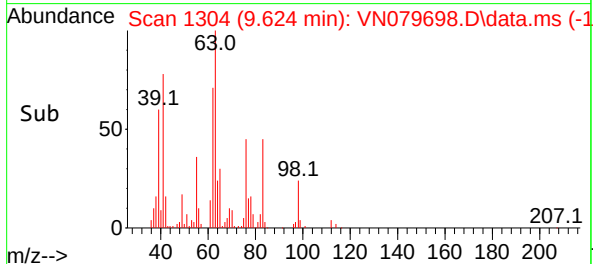
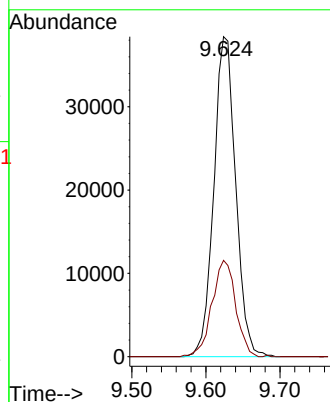
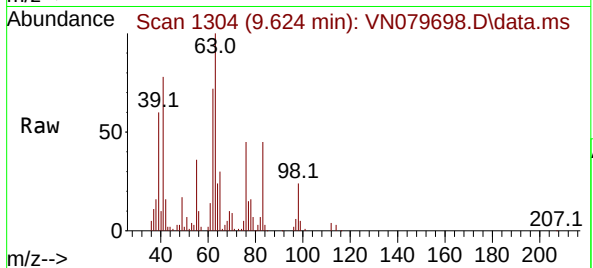
65 30.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#46

Dibromomethane

Concen: 18.892 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

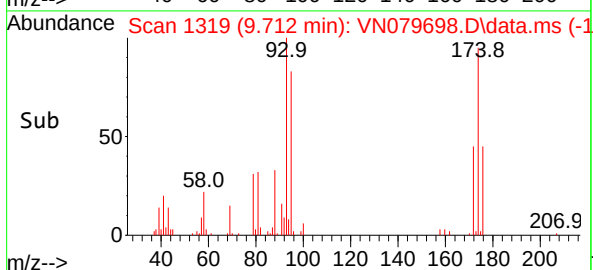
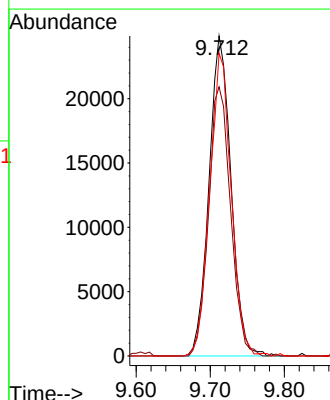
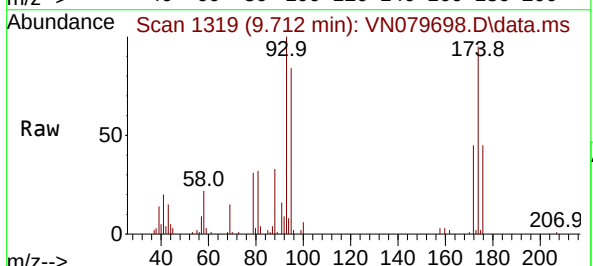
Tgt Ion: 93 Resp: 51197

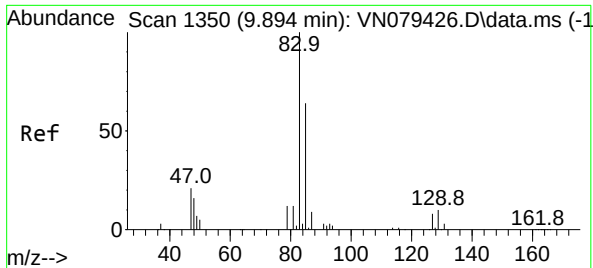
Ion Ratio Lower Upper

93 100

95 84.5 63.8 95.8

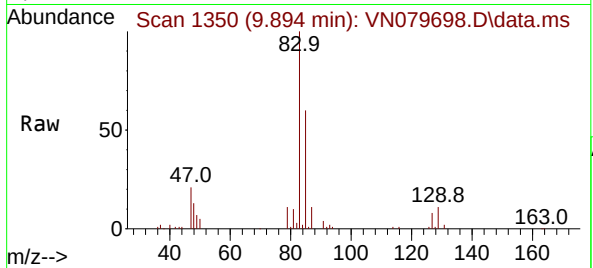
174 92.6 65.6 98.4





#47
Bromodichloromethane
Concen: 19.117 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

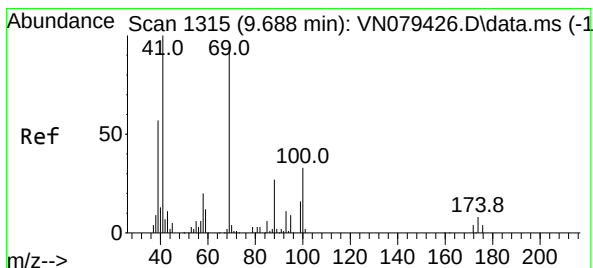
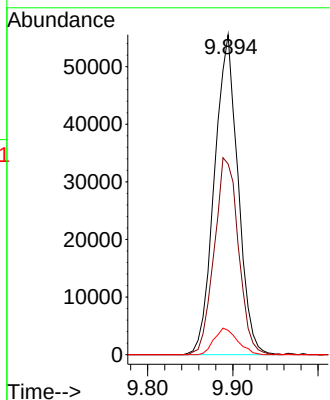
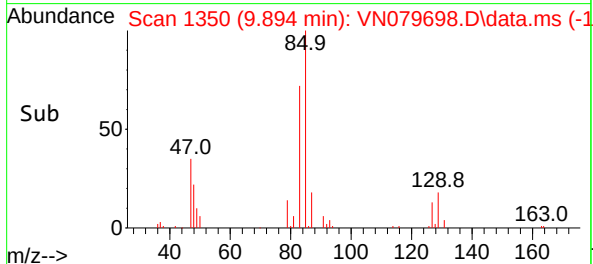
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 83 Resp: 10657
Ion Ratio Lower Upper
83 100
85 59.6 49.6 74.4
127 7.6 7.0 10.6

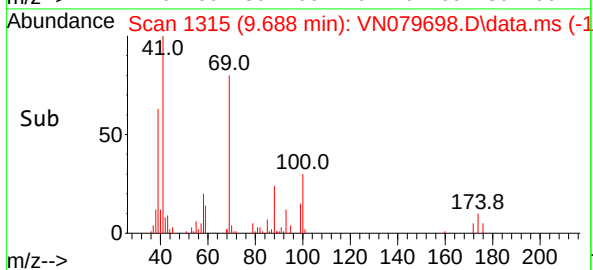
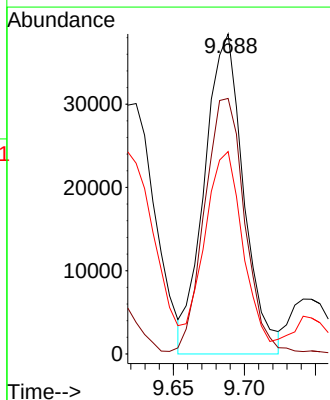
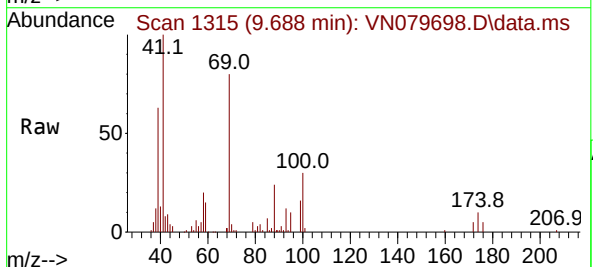
Manual Integrations
APPROVED

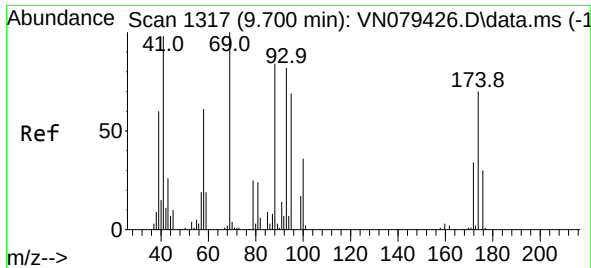
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#48
Methyl methacrylate
Concen: 18.428 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

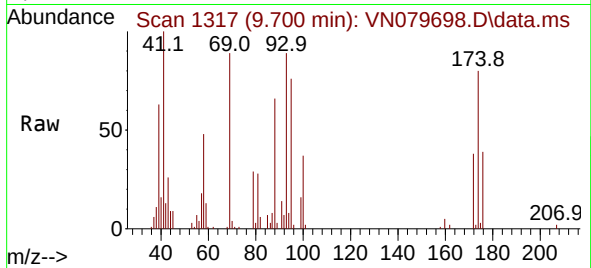
Tgt Ion: 41 Resp: 73613
Ion Ratio Lower Upper
41 100
69 83.1 90.4 135.6#
39 63.9 54.6 81.8





#49
1,4-Dioxane
Concen: 353.315 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

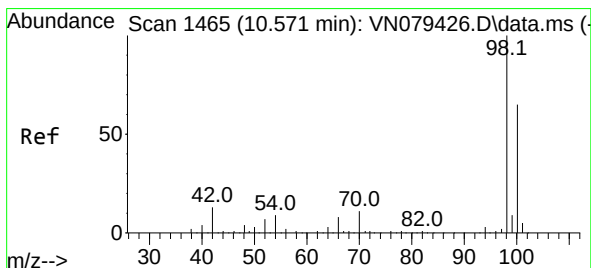
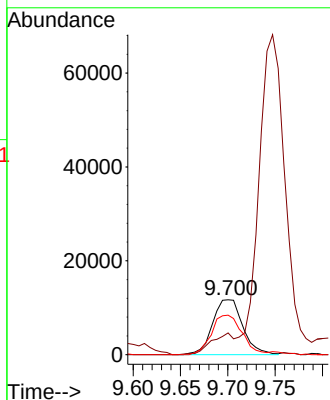
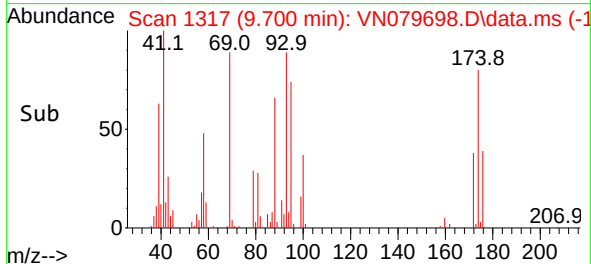
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 88 Resp: 25997
Ion Ratio Lower Upper
88 100
43 29.3 17.0 25.6
58 72.9 47.0 70.4

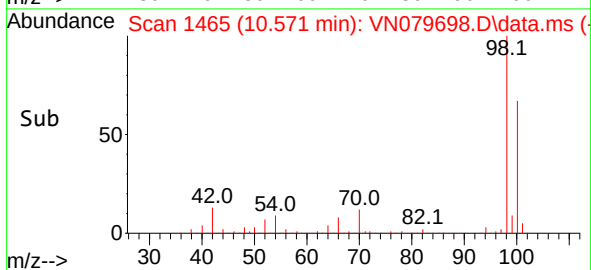
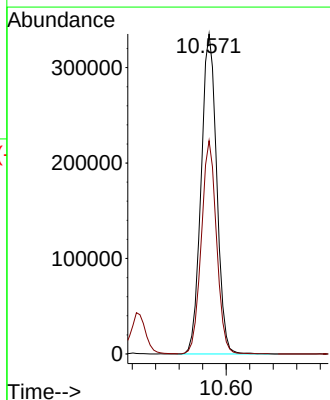
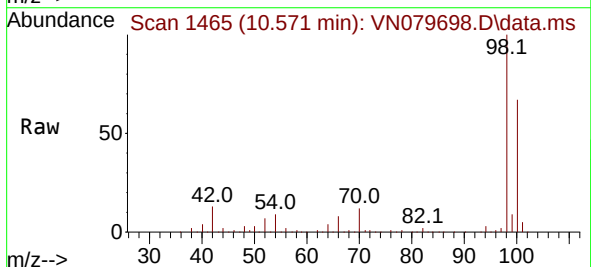
Manual Integrations
APPROVED

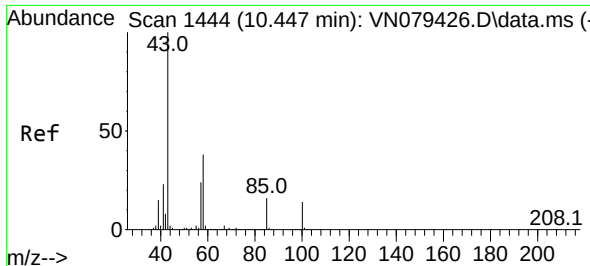
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#50
Toluene-d8
Concen: 47.960 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

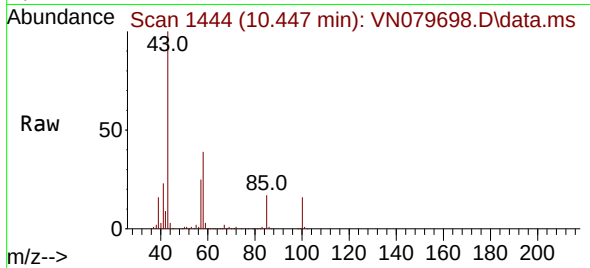
Tgt Ion: 98 Resp: 618285
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.546 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

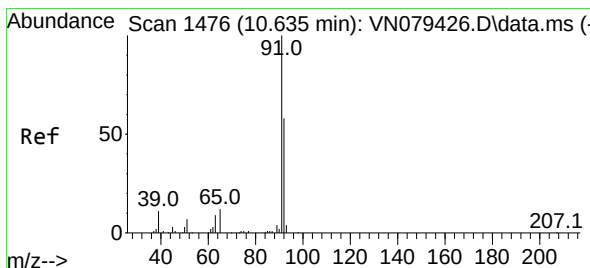
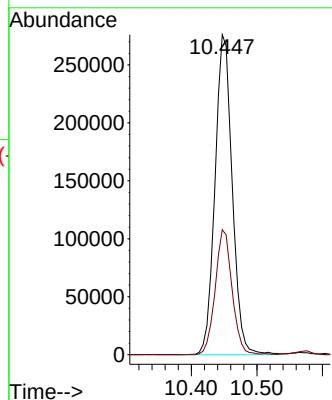
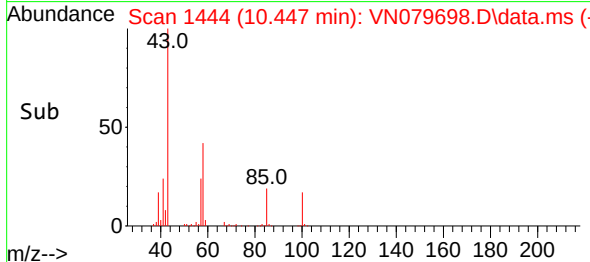
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 43 Resp: 502792
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8

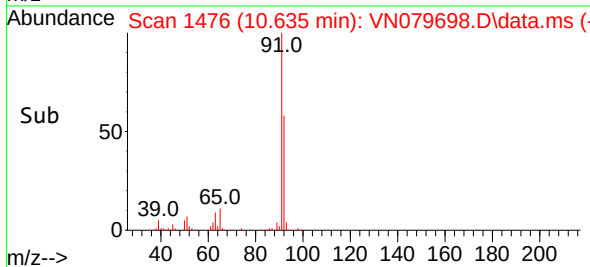
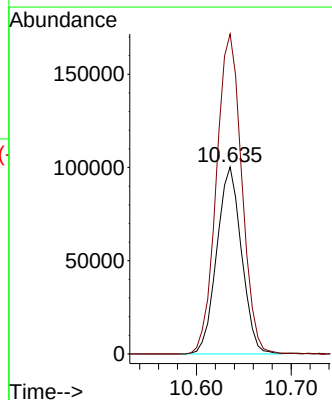
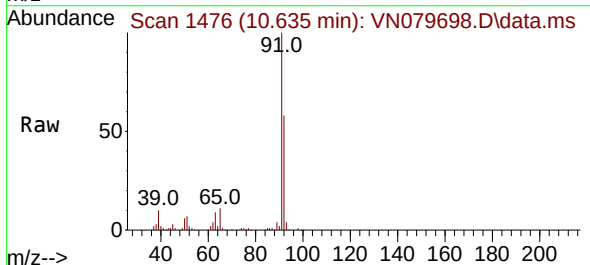
Manual Integrations
APPROVED

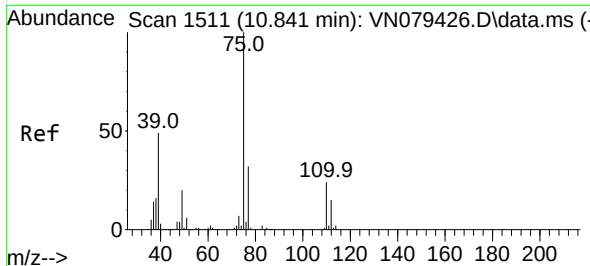
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#52
Toluene
Concen: 19.436 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

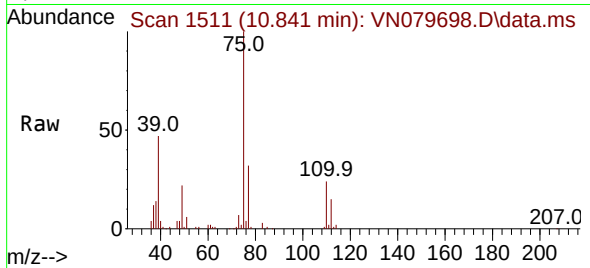
Tgt Ion: 92 Resp: 181692
Ion Ratio Lower Upper
92 100
91 176.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 19.142 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

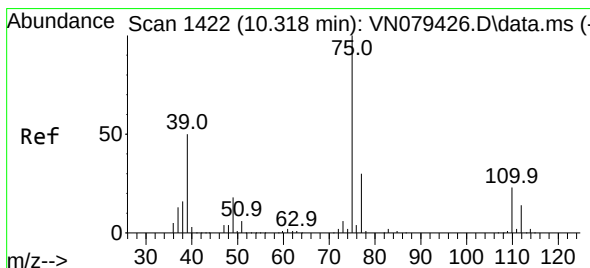
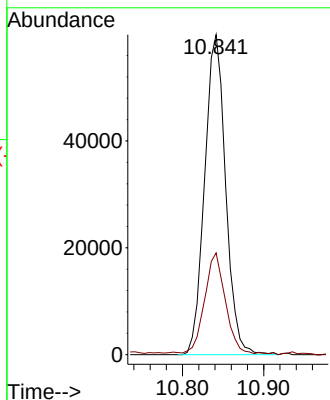
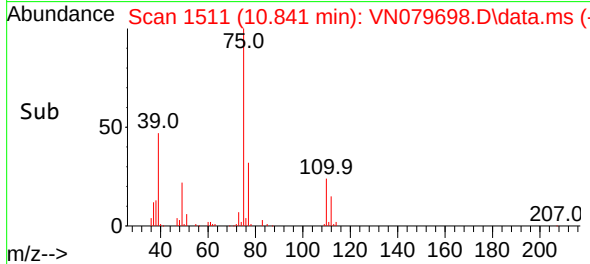
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 75 Resp: 107534
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

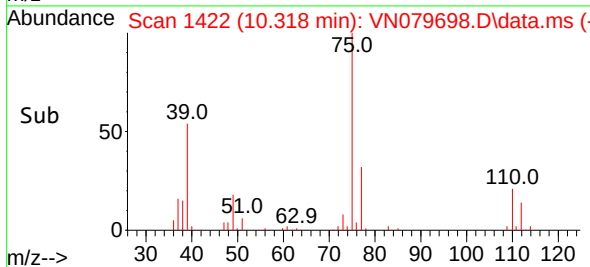
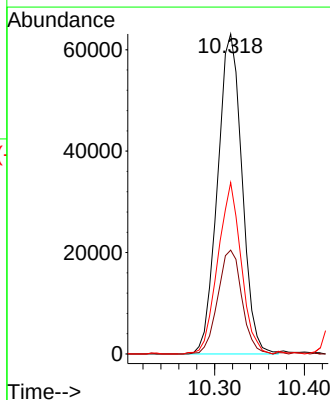
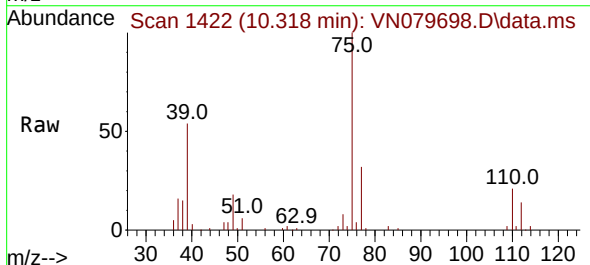
Manual Integrations
APPROVED

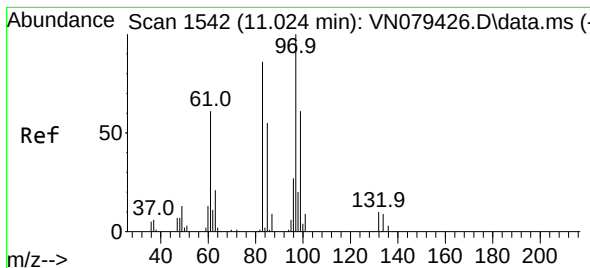
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#54
cis-1,3-Dichloropropene
Concen: 19.430 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 75 Resp: 119489
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
39 53.6 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.253 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.006 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

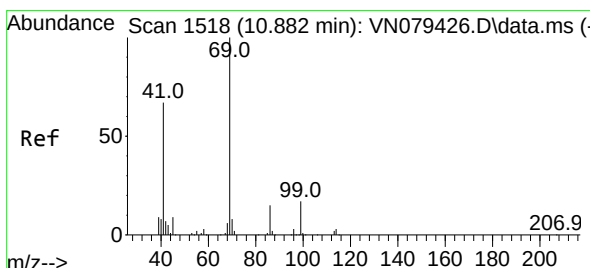
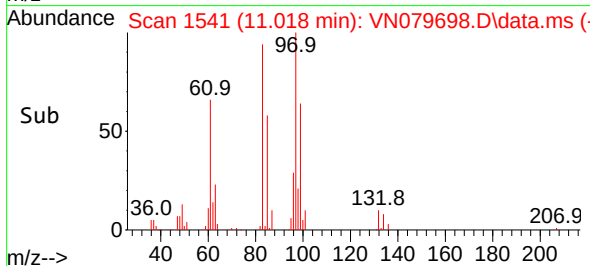
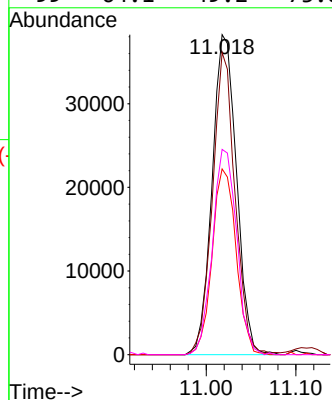
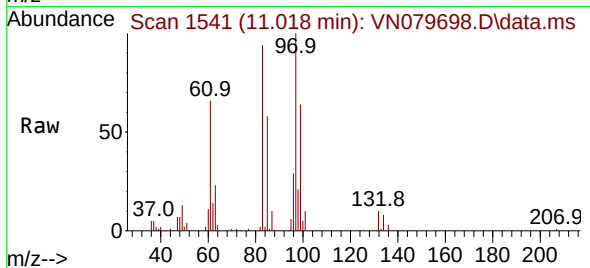
Tgt Ion: 97	Resp: 7225
Ion Ratio	Lower Upper
97 100	
83 94.4	65.1 97.7
85 58.0	43.4 65.2
99 64.1	49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#56

Ethyl methacrylate

Concen: 19.840 ug/l

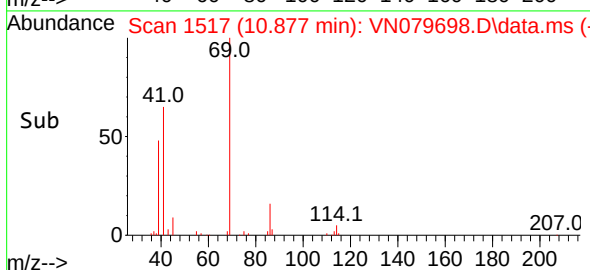
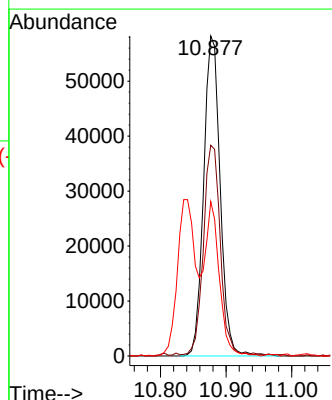
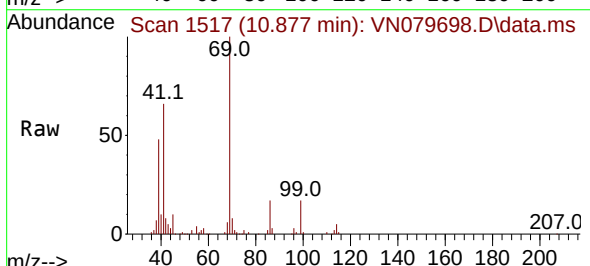
RT: 10.877 min Scan# 1517

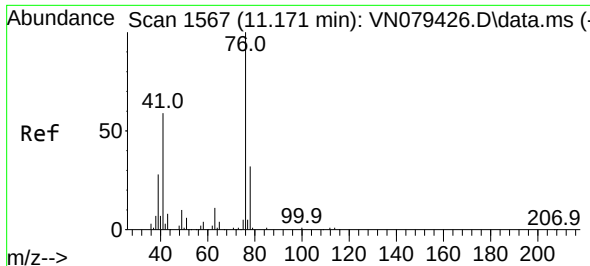
Delta R.T. -0.005 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Tgt Ion: 69	Resp: 102316
Ion Ratio	Lower Upper
69 100	
41 66.2	39.6 59.4
39 42.7	28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.647 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tgt Ion: 76 Resp: 127319

Ion Ratio Lower Upper

76 100

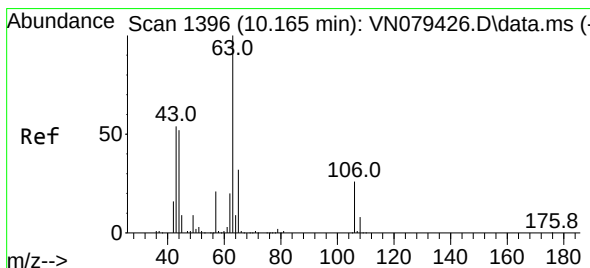
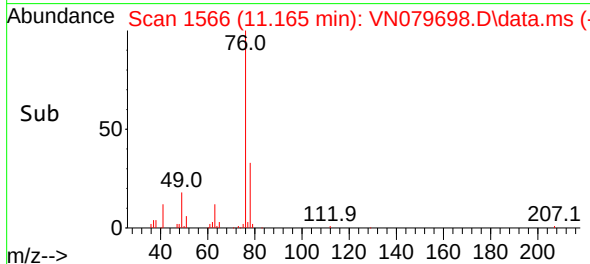
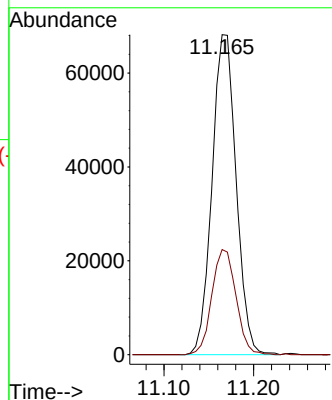
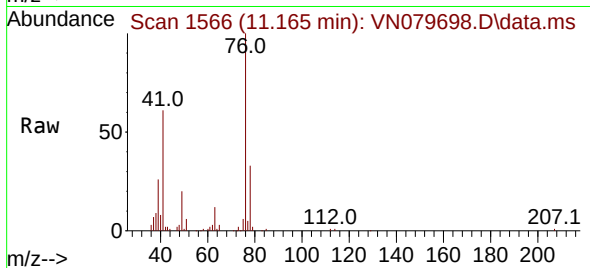
78 32.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 83.772 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079698.D

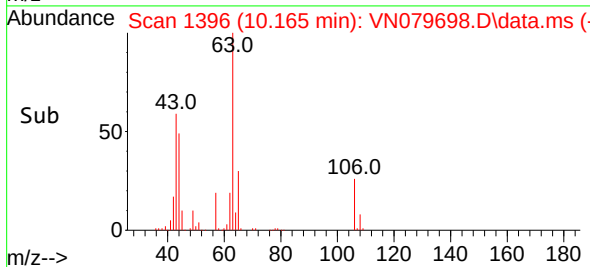
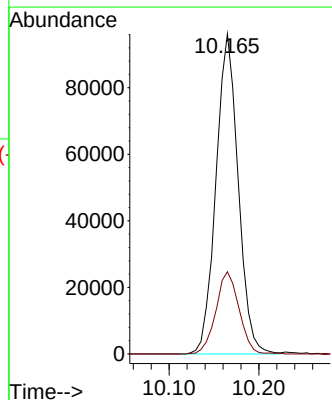
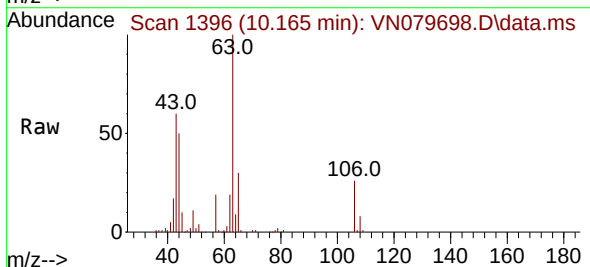
Acq: 26 Oct 2023 16:24

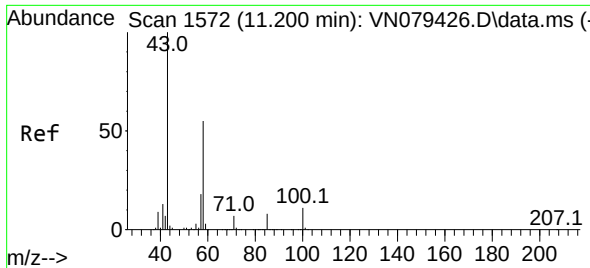
Tgt Ion: 63 Resp: 165449

Ion Ratio Lower Upper

63 100

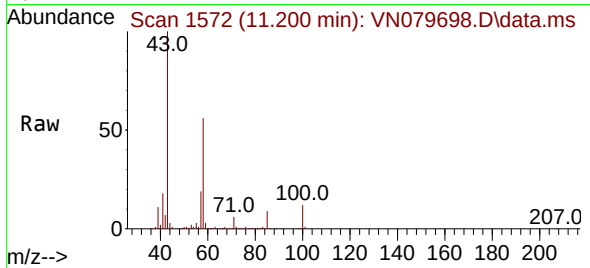
106 26.7 26.2 39.4





#59
2-Hexanone
Concen: 95.076 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

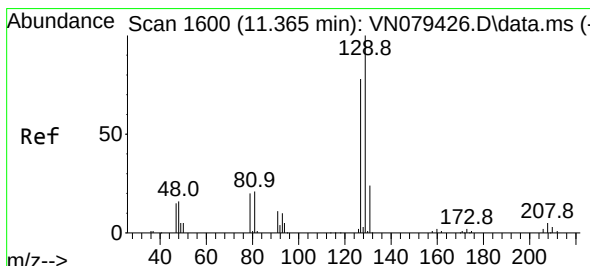
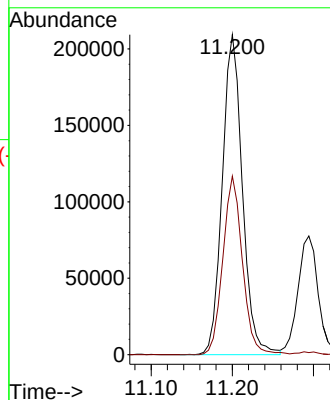
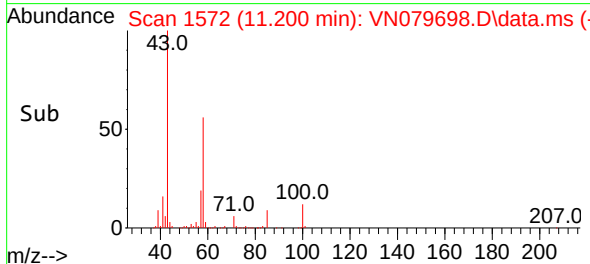
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 43 Resp: 36103
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1

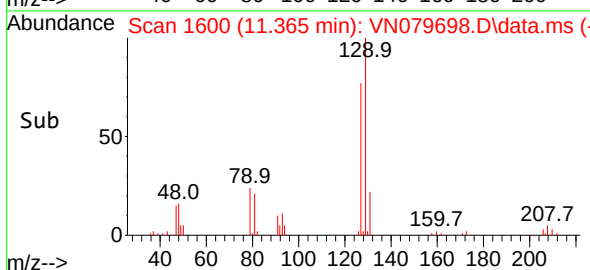
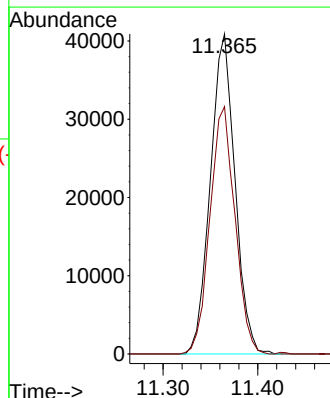
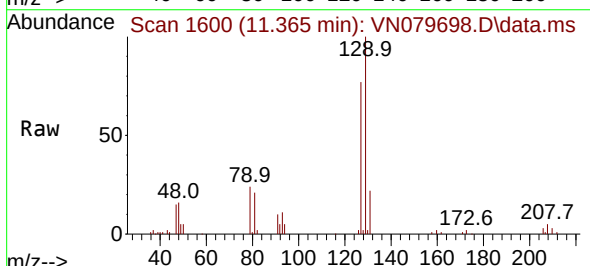
Manual Integrations
APPROVED

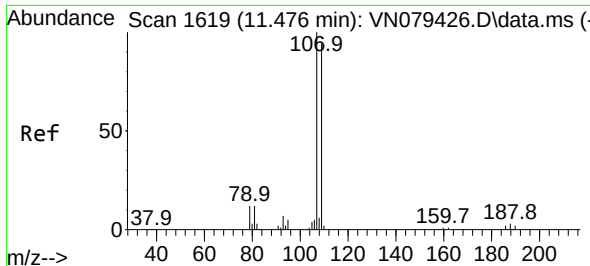
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#60
Dibromochloromethane
Concen: 19.557 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:129 Resp: 73766
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





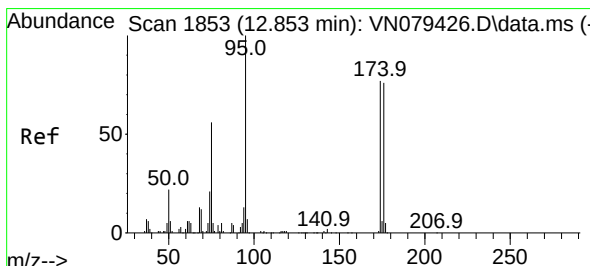
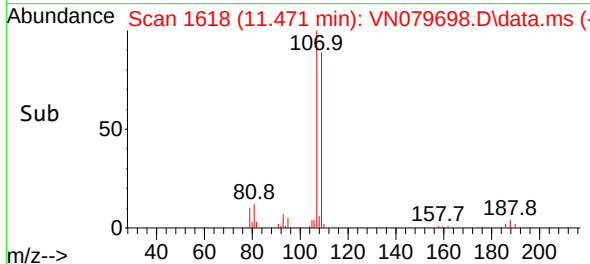
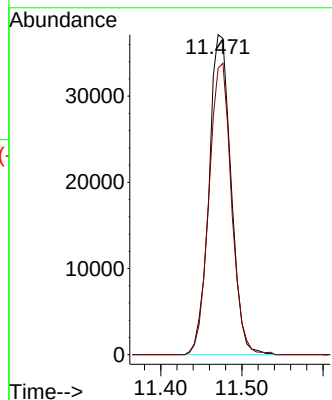
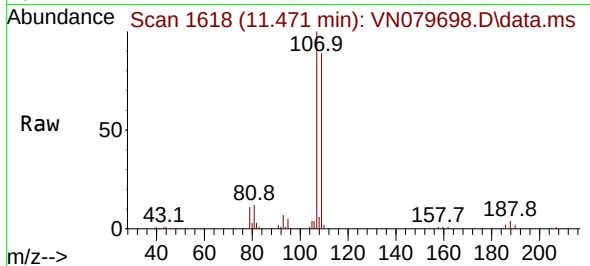
#61
1,2-Dibromoethane
Concen: 18.813 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:107 Resp: 70069
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

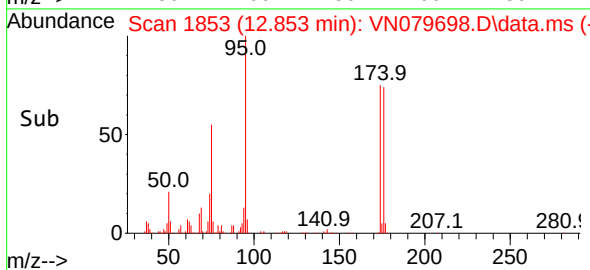
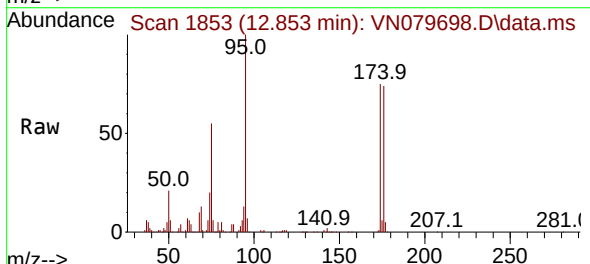
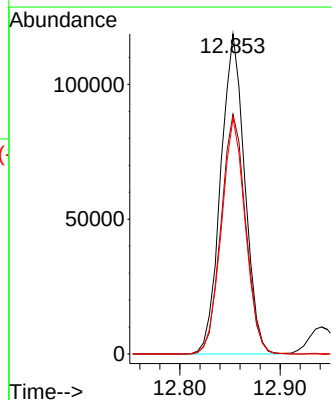
Manual Integrations
APPROVED

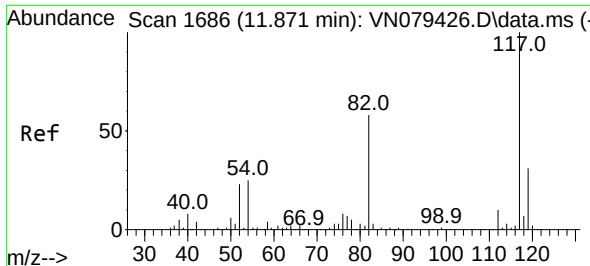
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#62
4-Bromofluorobenzene
Concen: 47.514 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

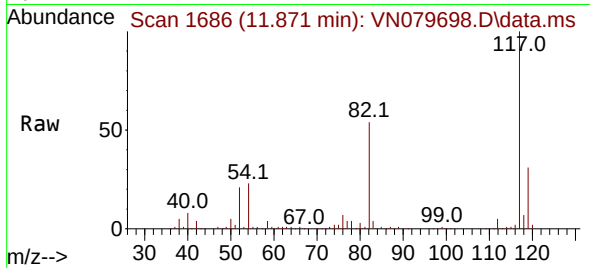
Tgt Ion: 95 Resp: 196576
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 73.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

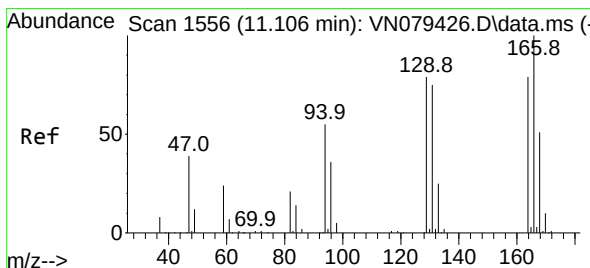
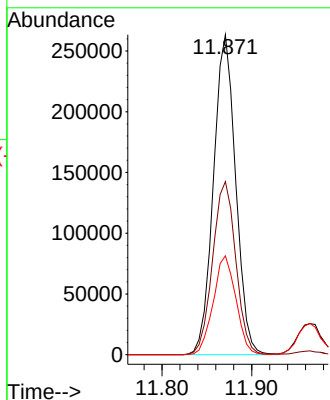
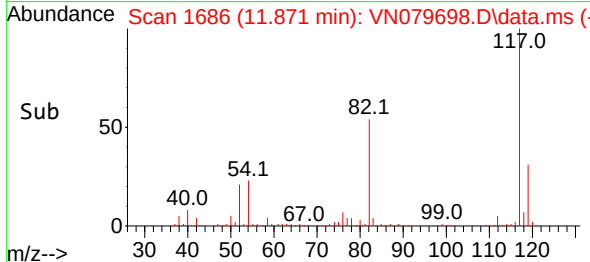
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion:117 Resp: 452915
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 30.9 25.6 38.4

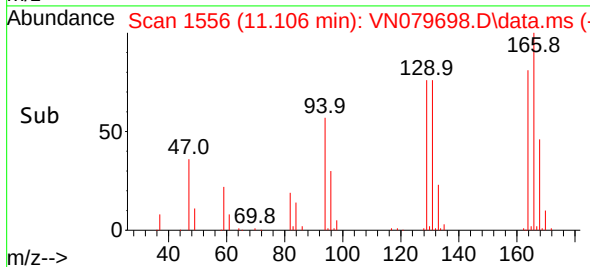
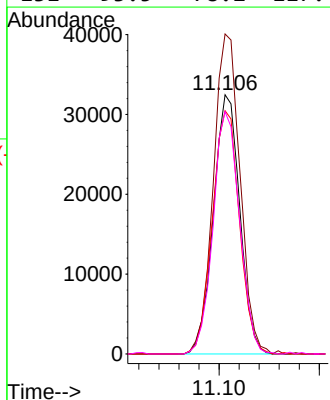
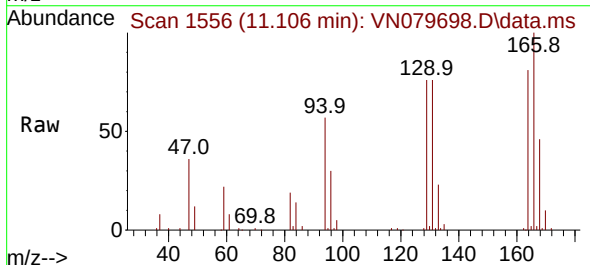
Manual Integrations
APPROVED

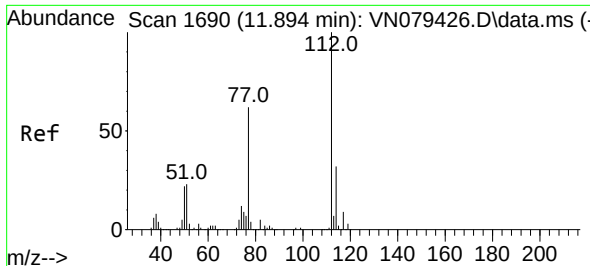
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#64
Tetrachloroethene
Concen: 19.034 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:164 Resp: 59305
Ion Ratio Lower Upper
164 100
166 123.5 101.4 152.0
129 93.8 82.4 123.6
131 93.5 78.2 117.4





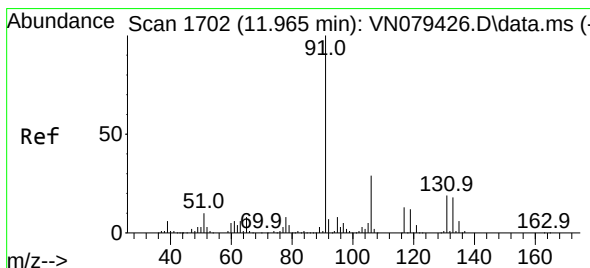
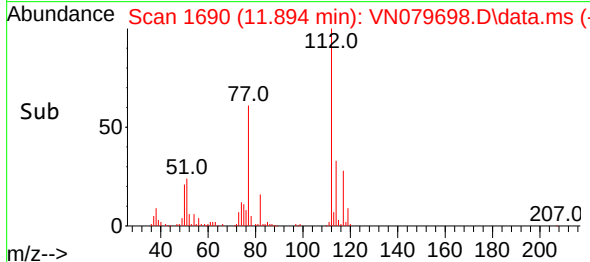
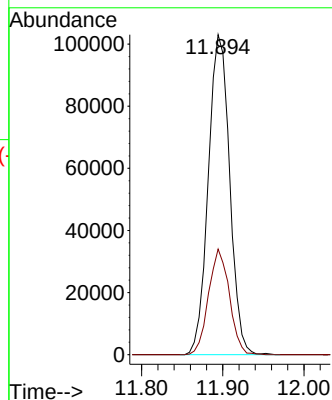
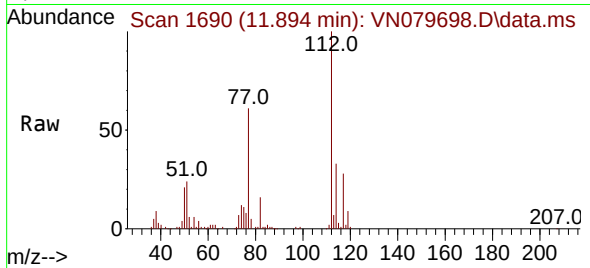
#65
Chlorobenzene
Concen: 18.675 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:112 Resp: 18836
Ion Ratio Lower Upper
112 100
114 33.0 25.0 37.4

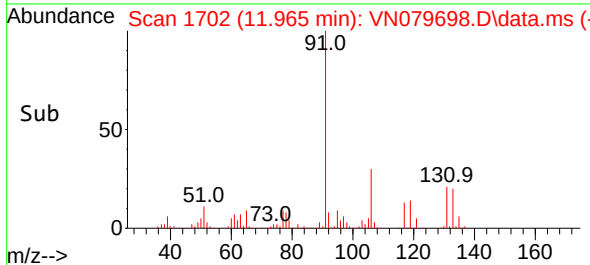
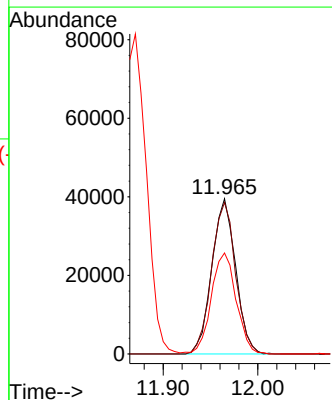
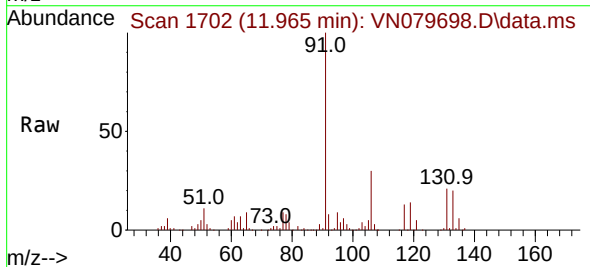
Manual Integrations
APPROVED

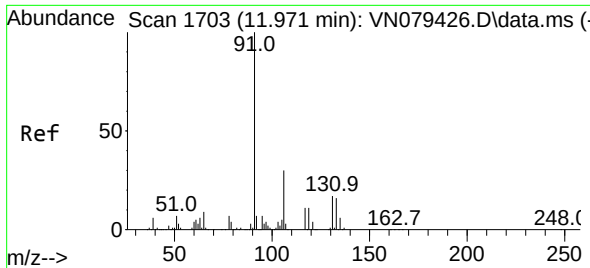
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.715 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:131 Resp: 69117
Ion Ratio Lower Upper
131 100
133 98.9 46.4 139.1
119 68.1 34.1 102.2





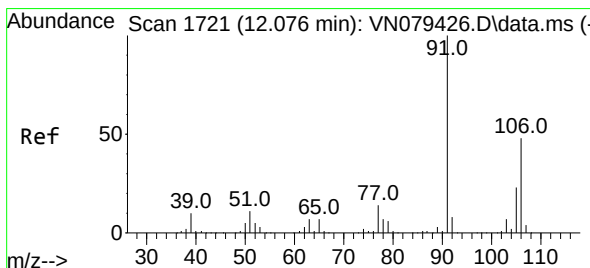
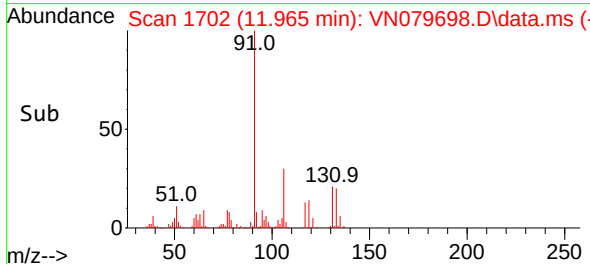
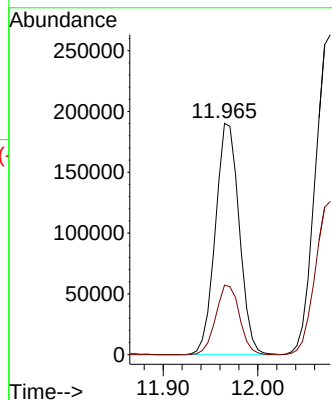
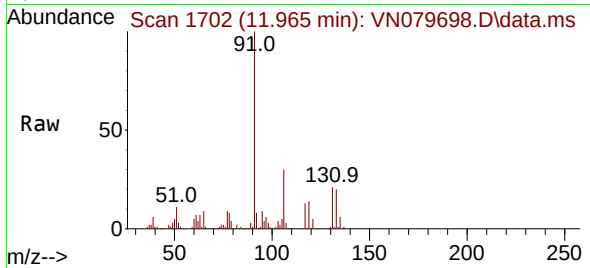
#67
Ethyl Benzene
Concen: 19.036 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion: 91 Resp: 33372
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

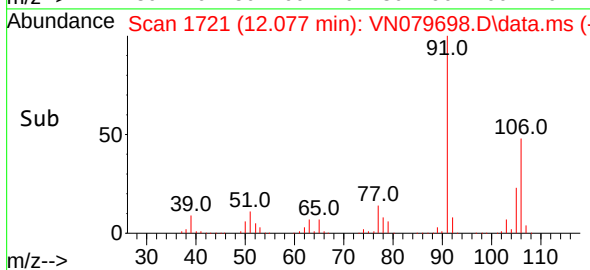
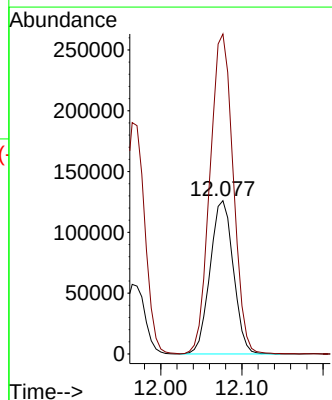
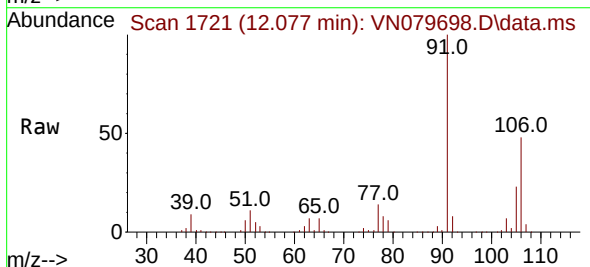
Manual Integrations
APPROVED

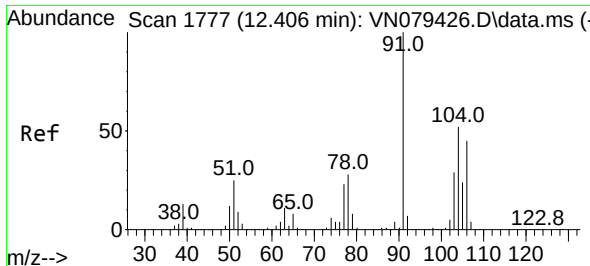
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#68
m/p-Xylenes
Concen: 39.391 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:106 Resp: 250918
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4





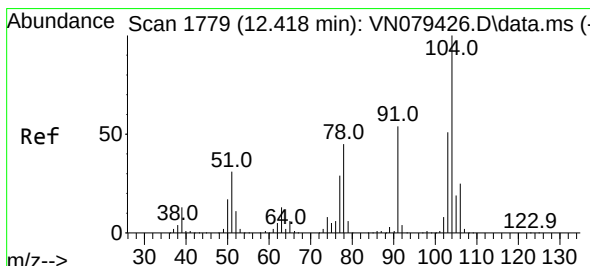
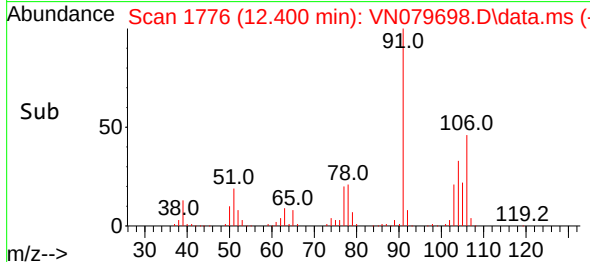
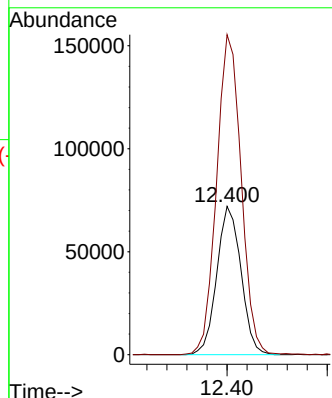
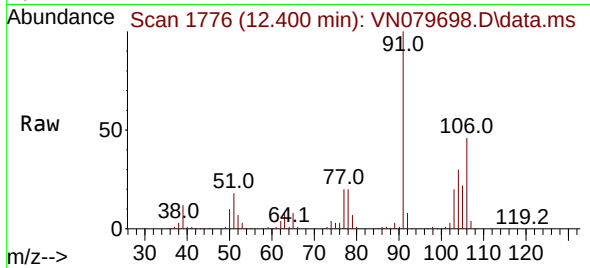
#69
o-Xylene
Concen: 19.246 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:106 Resp: 12056
Ion Ratio Lower Upper
106 100
91 219.5 105.2 315.5

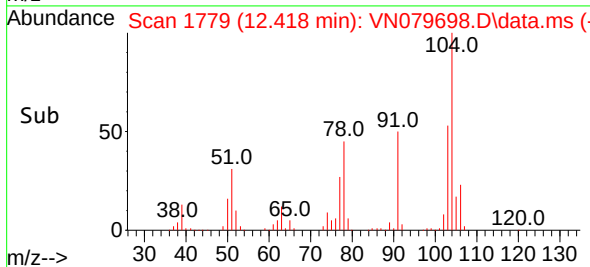
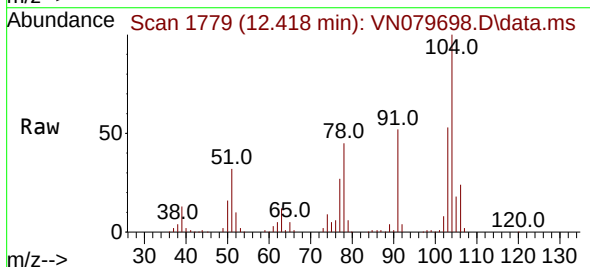
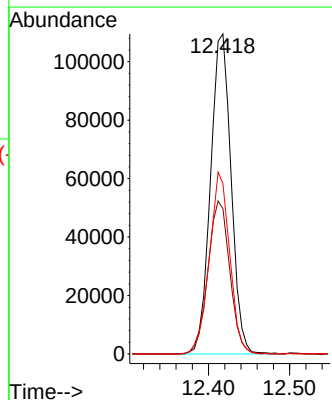
Manual Integrations
APPROVED

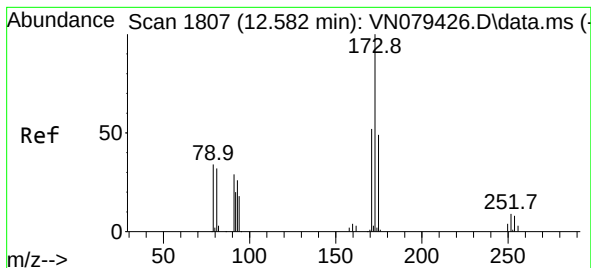
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#70
Styrene
Concen: 19.498 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:104 Resp: 192936
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 56.2 43.2 64.8





#71

Bromoform

Concen: 18.220 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

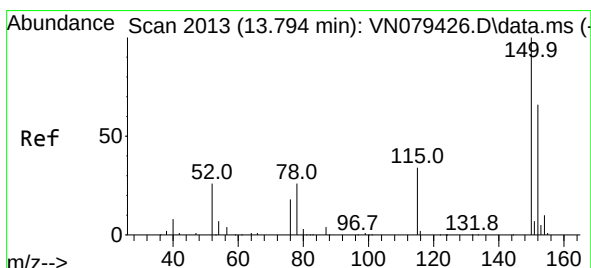
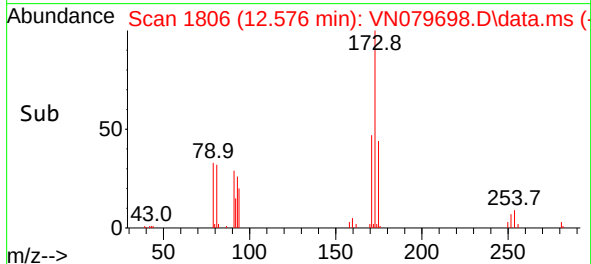
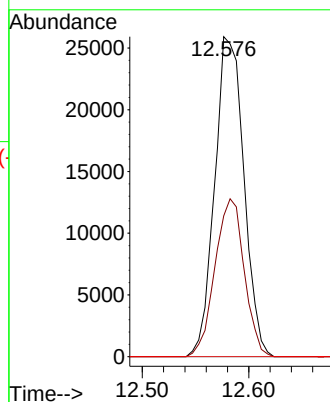
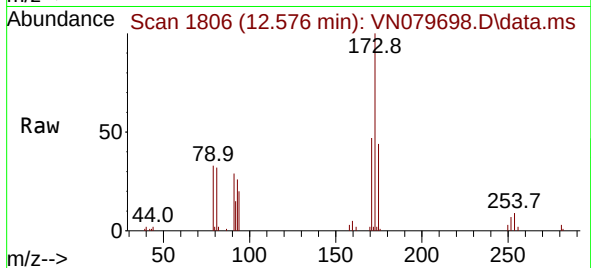
Tgt Ion:173 Resp: 49248
 Ion Ratio Lower Upper
 173 100
 175 49.5 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

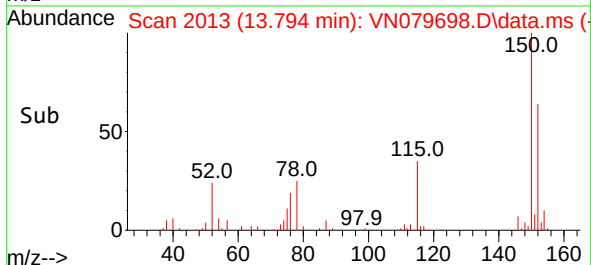
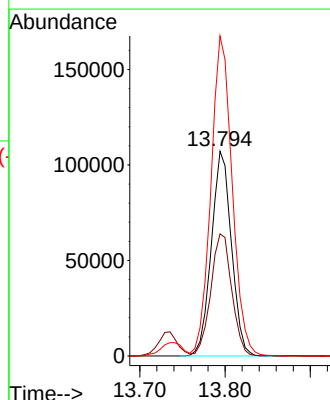
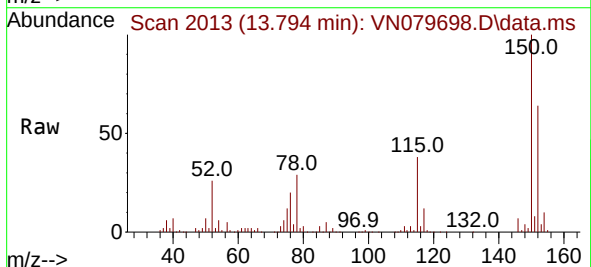
RT: 13.794 min Scan# 2013

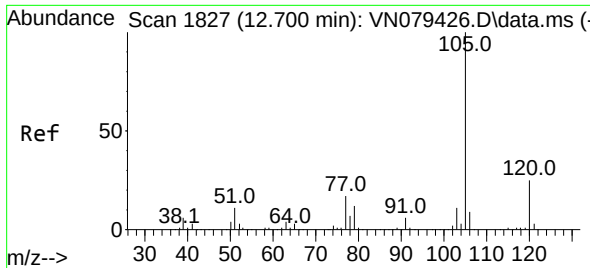
Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Tgt Ion:152 Resp: 175454
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 165.1 0.0 355.8





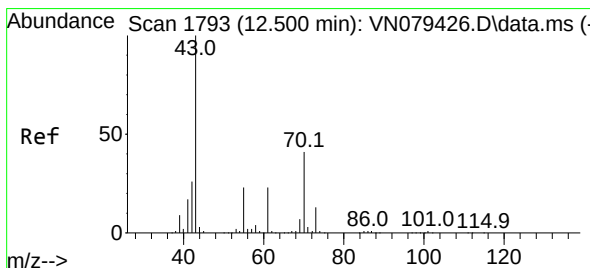
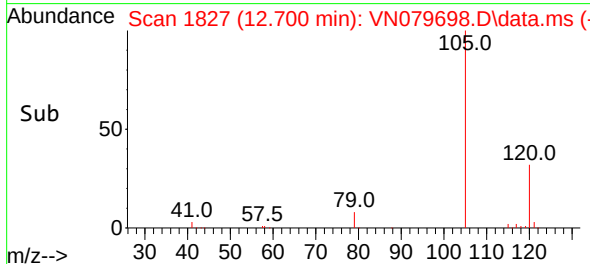
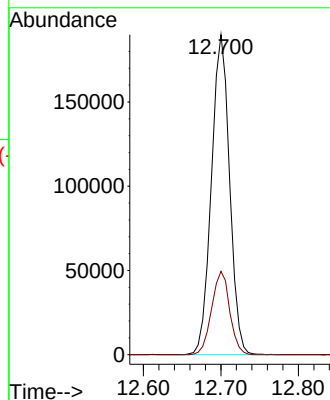
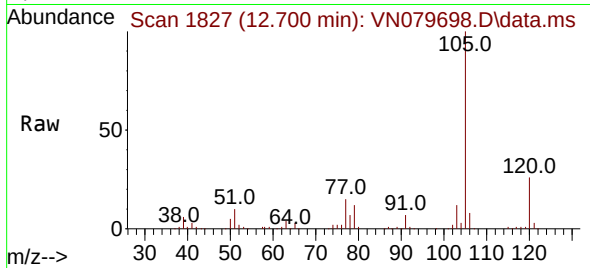
#73
Isopropylbenzene
Concen: 18.923 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:105 Resp: 308872
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

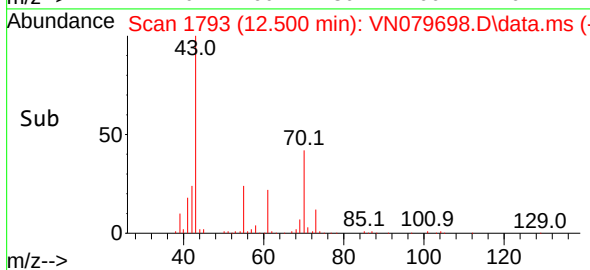
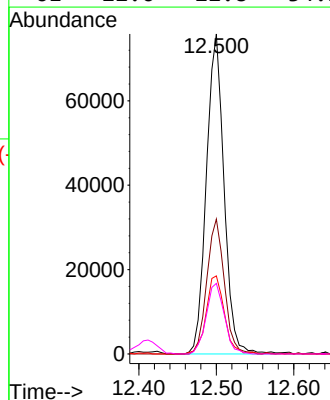
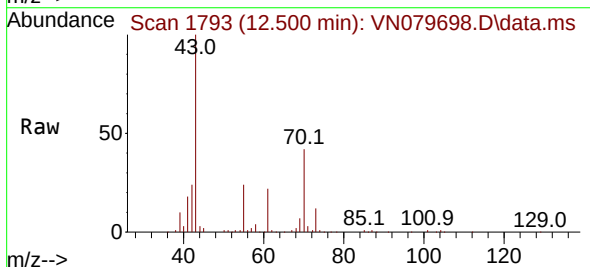
Manual Integrations
APPROVED

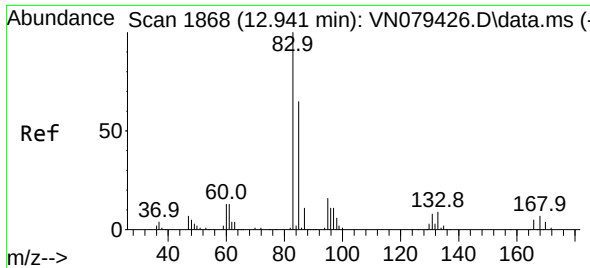
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#74
N-ethyl acetate
Concen: 17.962 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

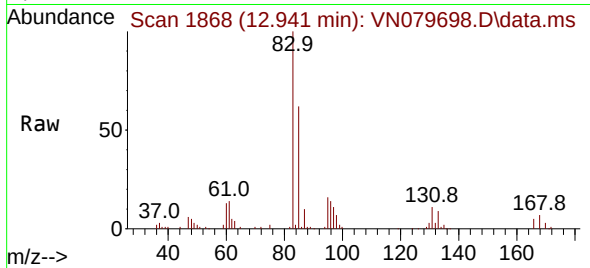
Tgt Ion: 43 Resp: 120198
Ion Ratio Lower Upper
43 100
70 41.5 43.4 65.2#
55 25.2 21.4 32.0
61 22.6 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.495 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

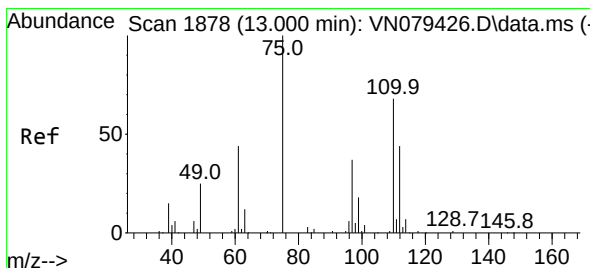
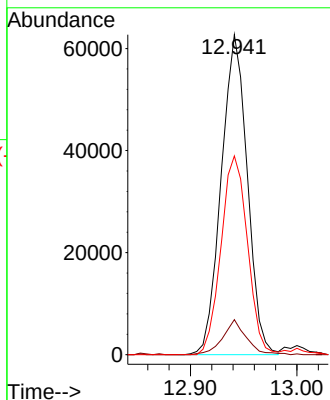
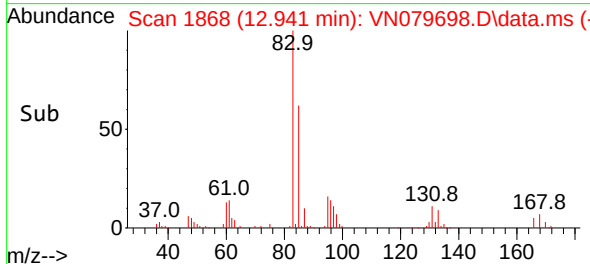
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 83 Resp: 106618
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.0 31.9 95.7

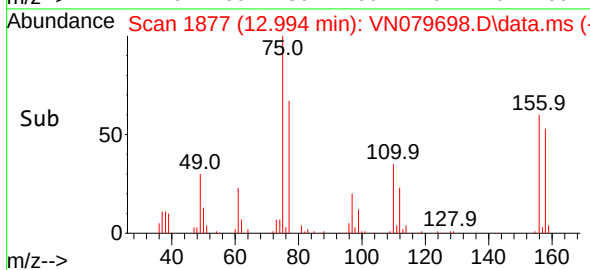
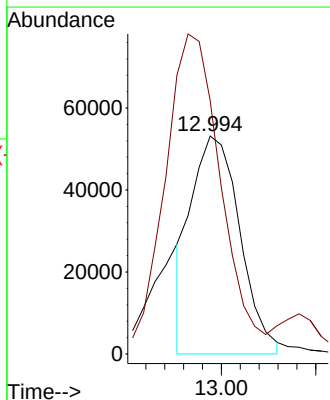
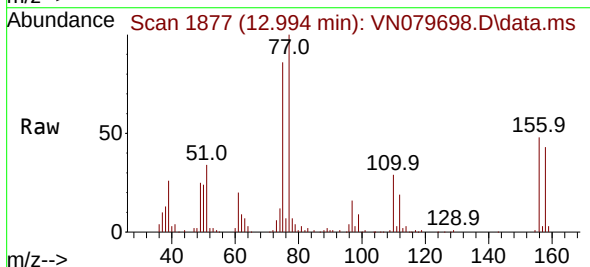
Manual Integrations
APPROVED

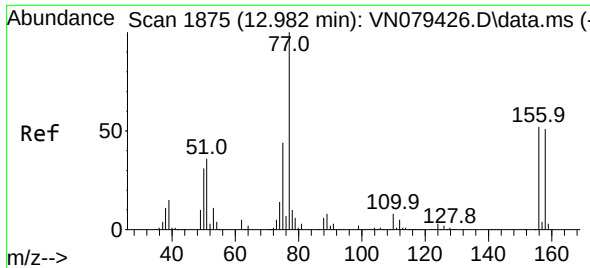
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#76
1,2,3-Trichloropropane
Concen: 18.811 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 75 Resp: 95162
Ion Ratio Lower Upper
75 100
77 169.2 84.5 253.5





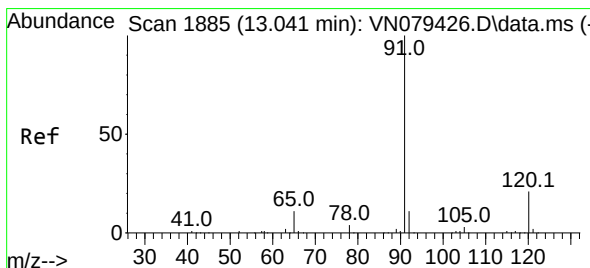
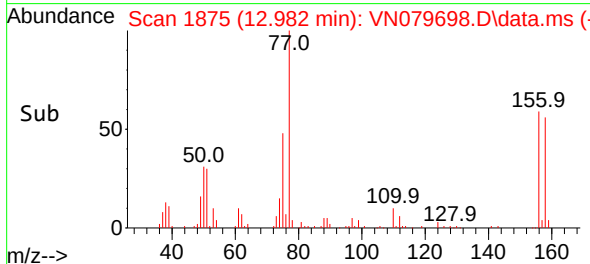
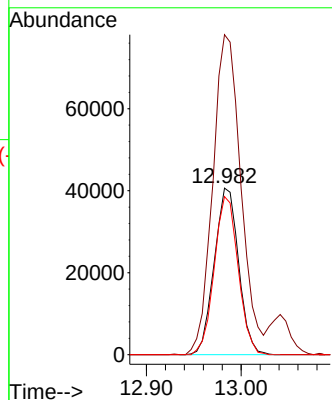
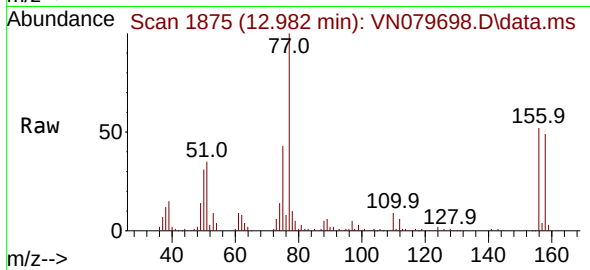
#77
Bromobenzene
Concen: 18.141 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:156 Resp: 72608
Ion Ratio Lower Upper
156 100
77 221.8 107.7 323.3
158 93.2 48.4 145.3

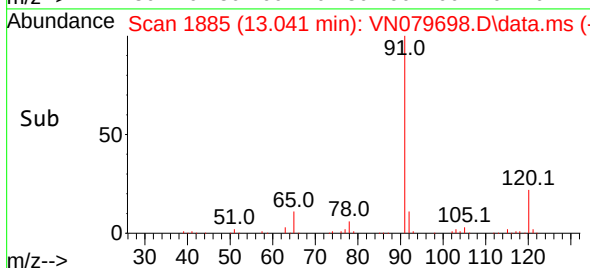
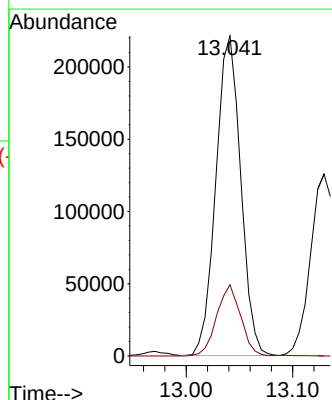
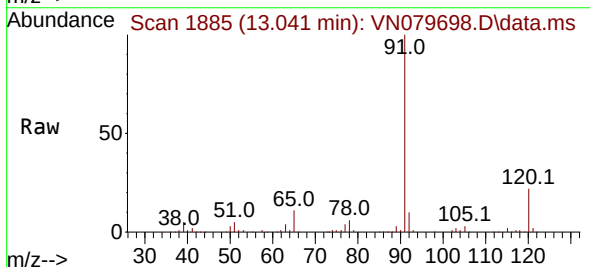
Manual Integrations
APPROVED

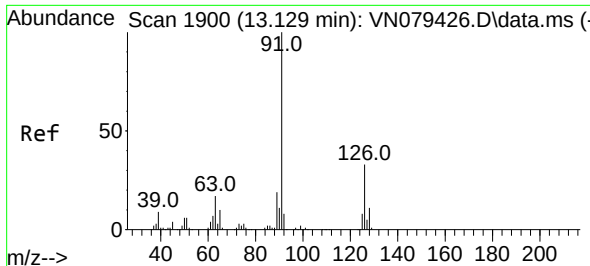
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#78
n-propylbenzene
Concen: 19.385 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion: 91 Resp: 357996
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





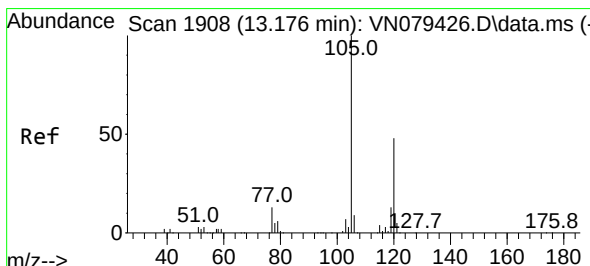
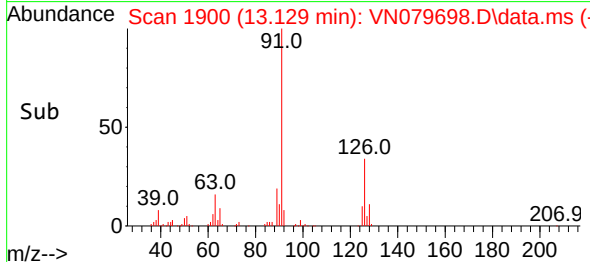
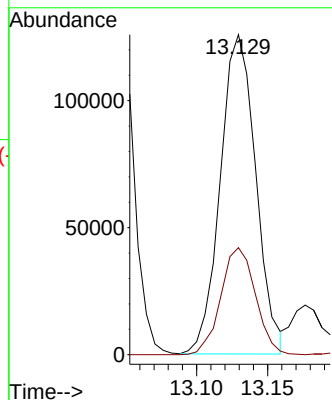
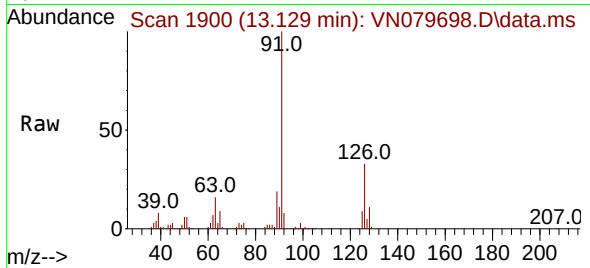
#79
2-Chlorotoluene
Concen: 18.502 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion: 91 Resp: 21865
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

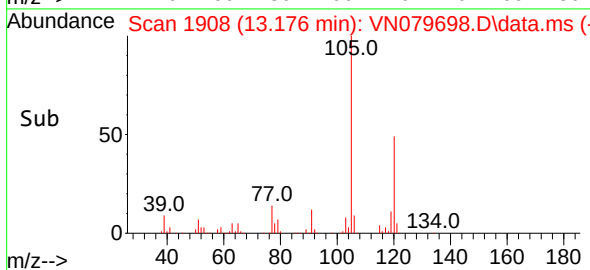
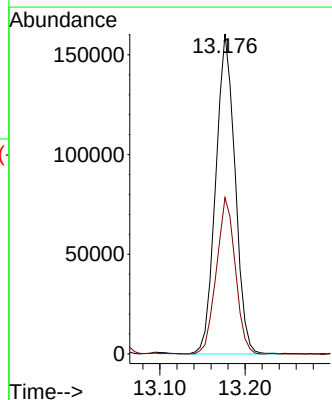
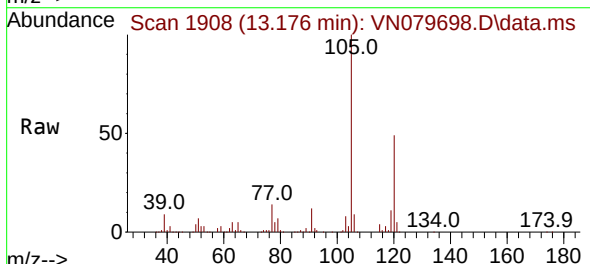
Manual Integrations
APPROVED

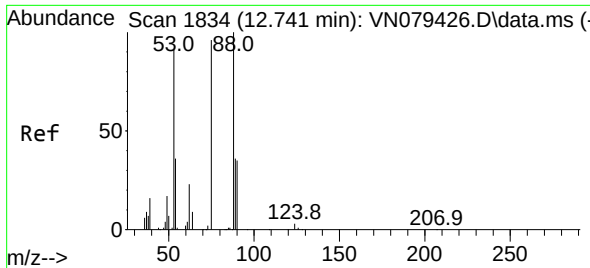
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.680 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

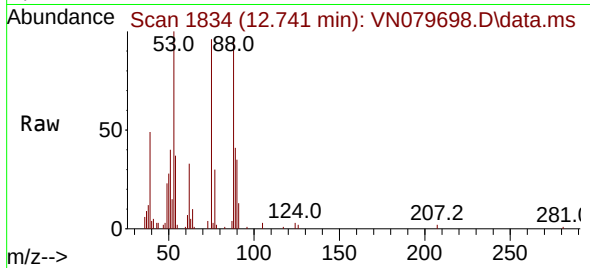
Tgt Ion:105 Resp: 253312
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.475 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

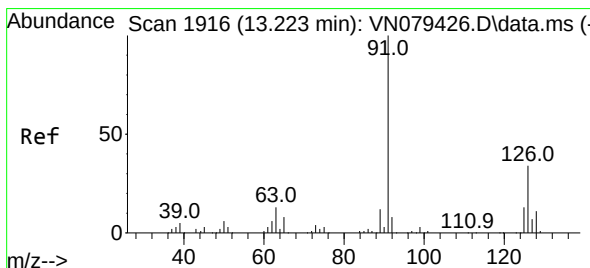
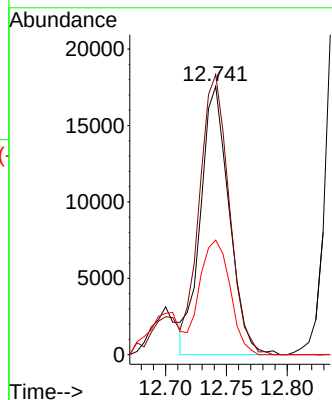
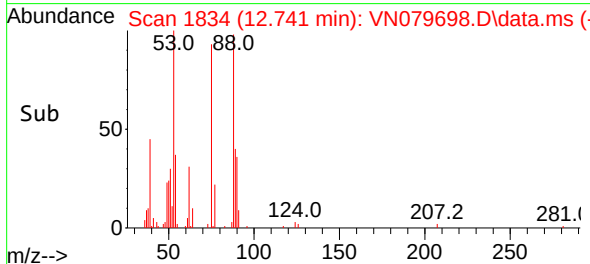
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



Tgt Ion: 75 Resp: 28724
Ion Ratio Lower Upper
75 100
53 108.3 67.4 101.2
89 44.7 38.8 58.2

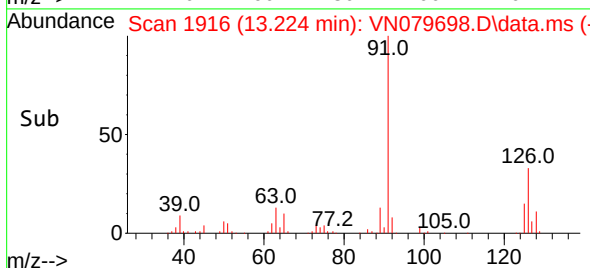
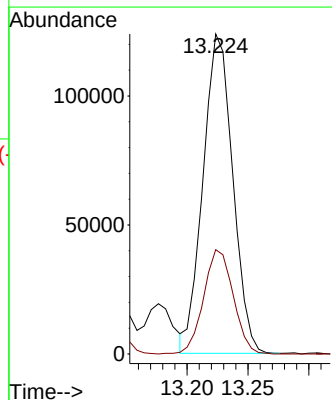
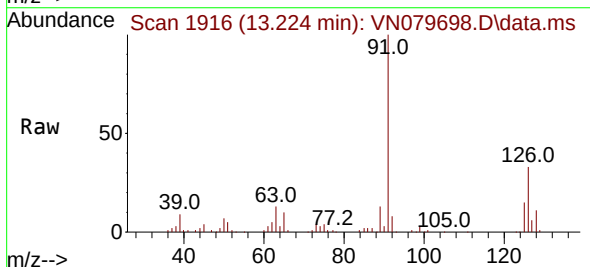
Manual Integrations
APPROVED

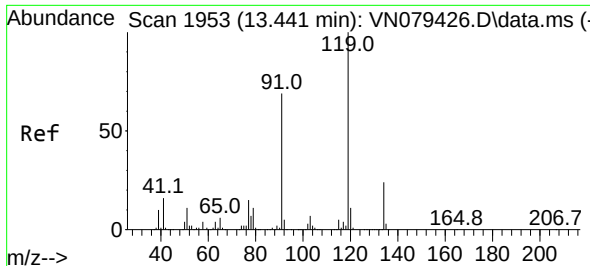
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#82
4-Chlorotoluene
Concen: 18.690 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

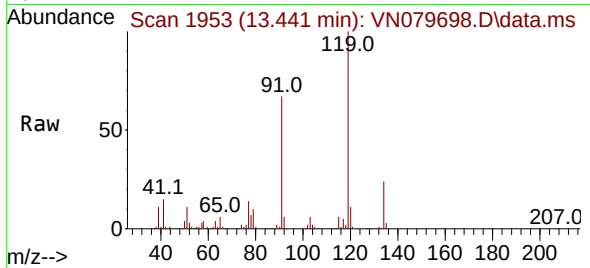
Tgt Ion: 91 Resp: 210180
Ion Ratio Lower Upper
91 100
126 32.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.997 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

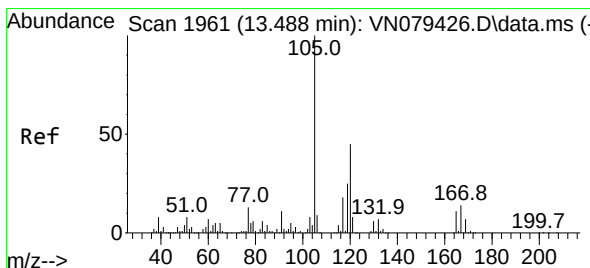
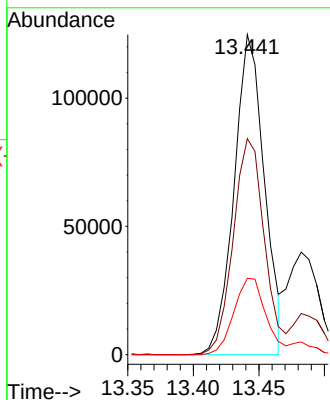
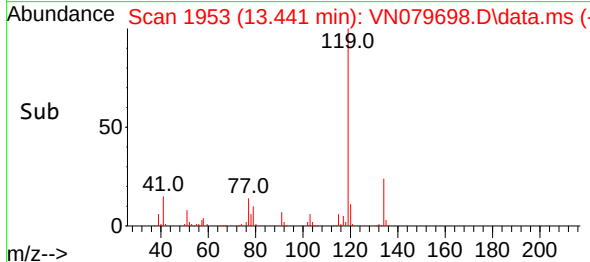
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



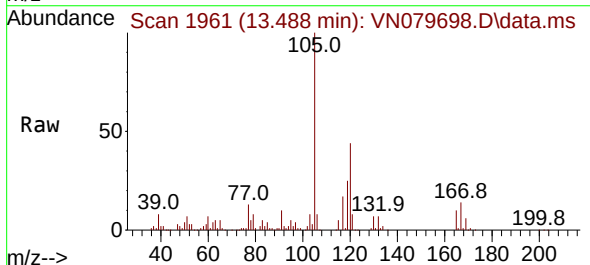
Tgt Ion:119 Resp: 20033
Ion Ratio Lower Upper
119 100
91 69.8 33.9 101.7
134 25.3 13.2 39.6

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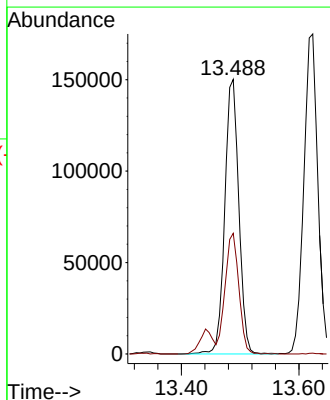
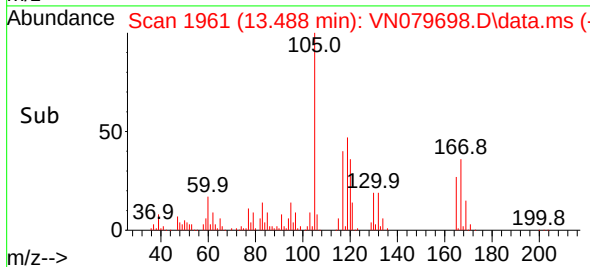
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

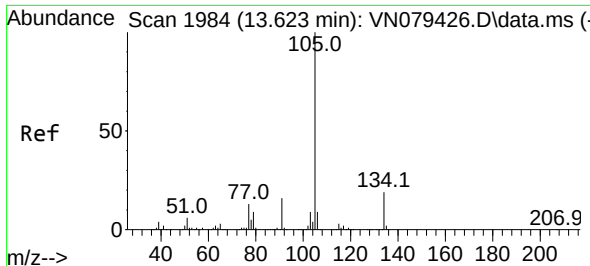


#84
1,2,4-Trimethylbenzene
Concen: 20.243 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24



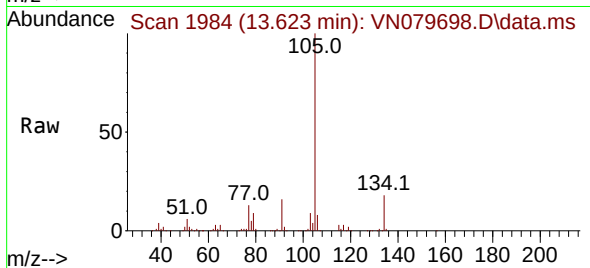
Tgt Ion:105 Resp: 248656
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 19.632 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079698.D
 Acq: 26 Oct 2023 16:24

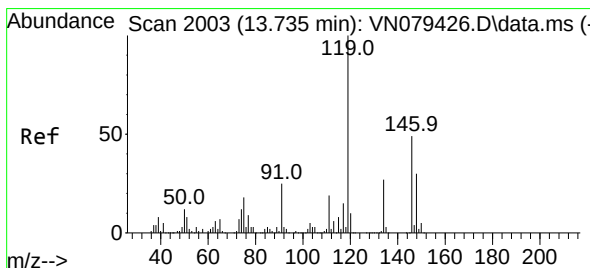
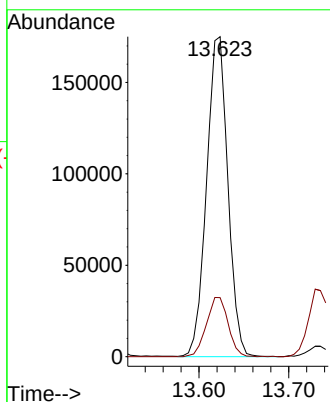
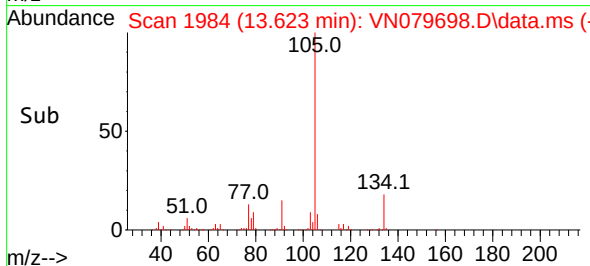
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01



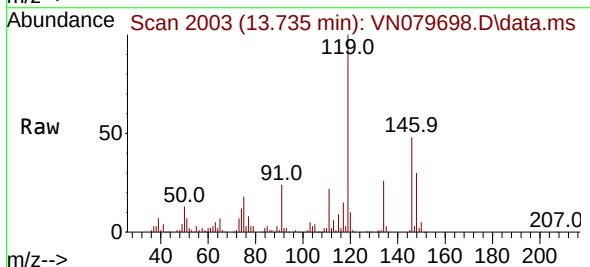
Tgt Ion:105 Resp: 288779
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

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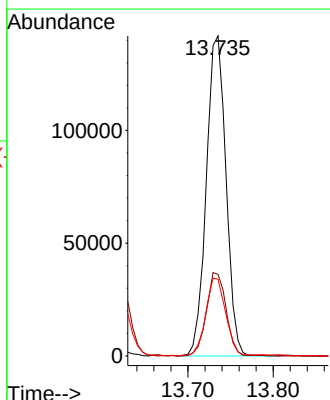
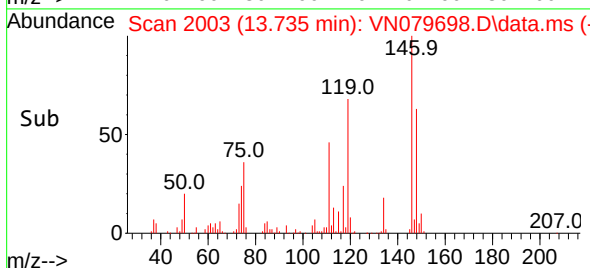
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023

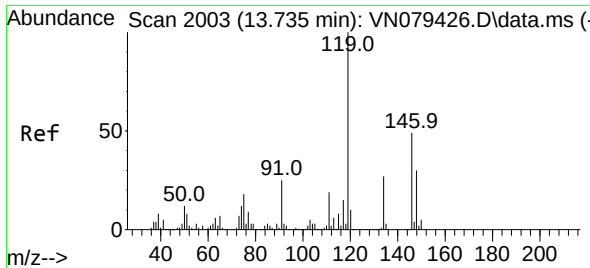


#86
 p-Isopropyltoluene
 Concen: 20.189 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079698.D
 Acq: 26 Oct 2023 16:24



Tgt Ion:119 Resp: 227816
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.9 12.4 37.2





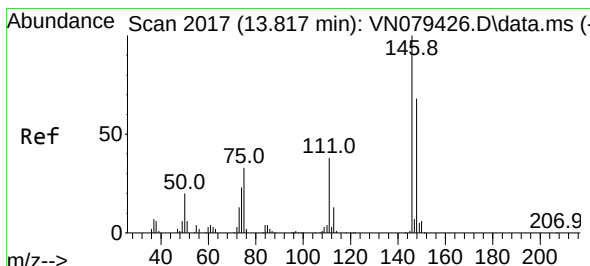
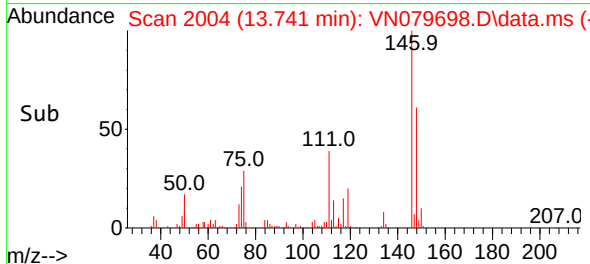
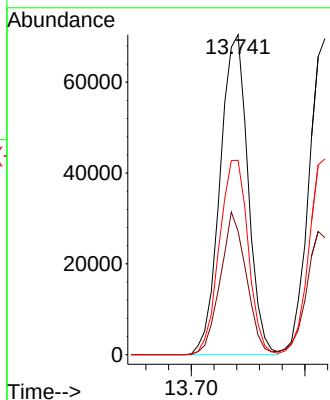
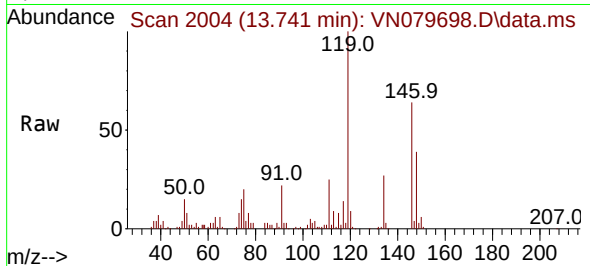
#87
1,3-Dichlorobenzene
Concen: 18.938 ug/l
RT: 13.741 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion:146 Resp: 12021
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 62.6 32.0 96.0

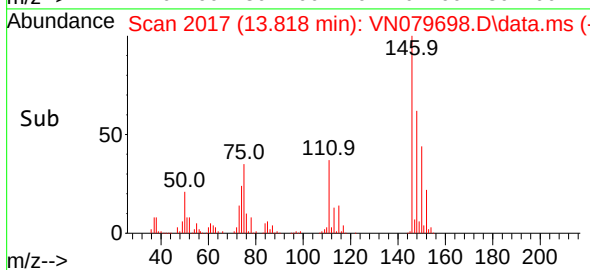
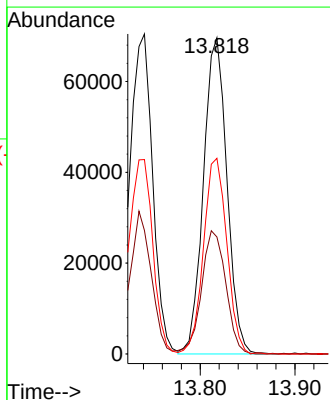
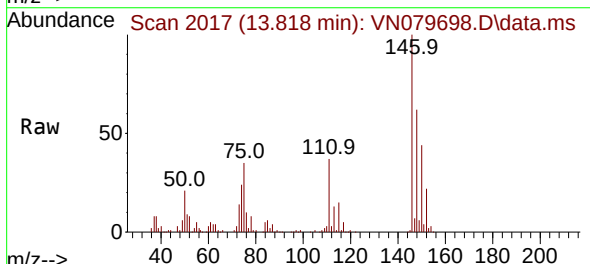
Manual Integrations
APPROVED

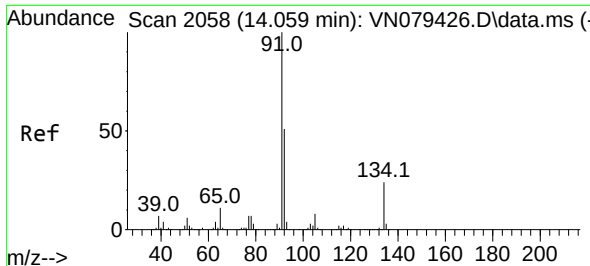
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#88
1,4-Dichlorobenzene
Concen: 18.318 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Tgt Ion:146 Resp: 120071
Ion Ratio Lower Upper
146 100
111 40.3 20.6 61.8
148 61.7 31.6 94.8





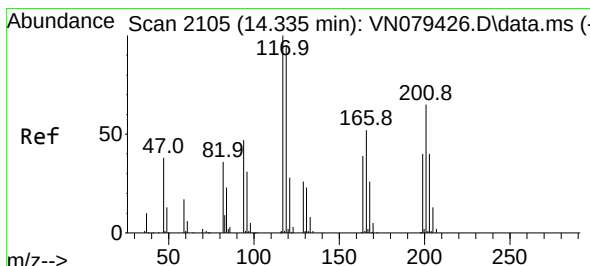
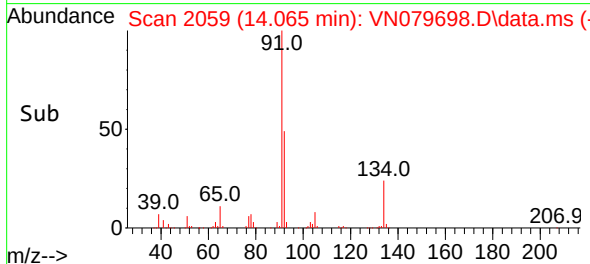
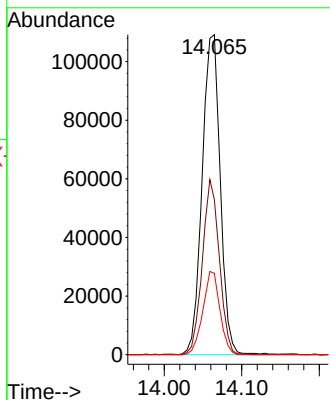
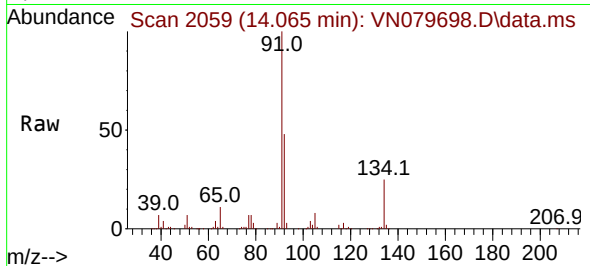
#89
n-Butylbenzene
Concen: 19.670 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tgt Ion: 91 Resp: 177248
Ion Ratio Lower Upper
91 100
92 51.2 26.4 79.0
134 24.5 12.6 37.6

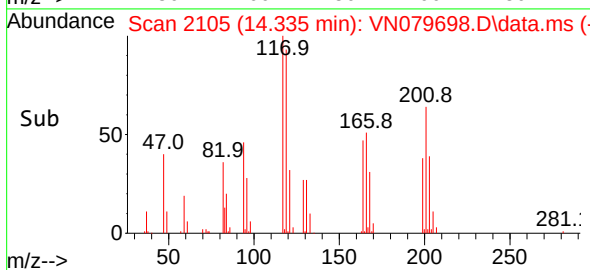
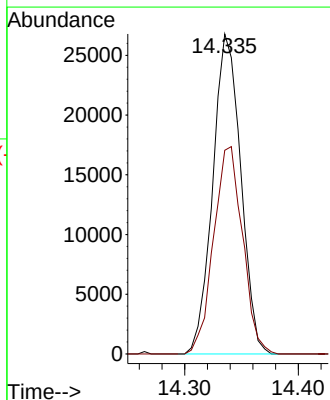
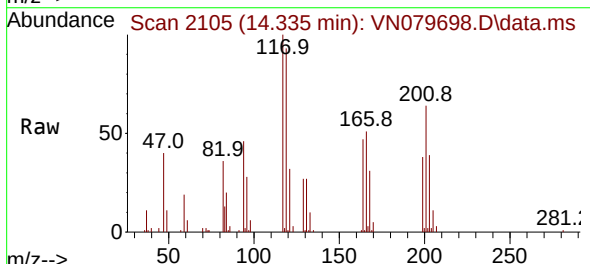
Manual Integrations
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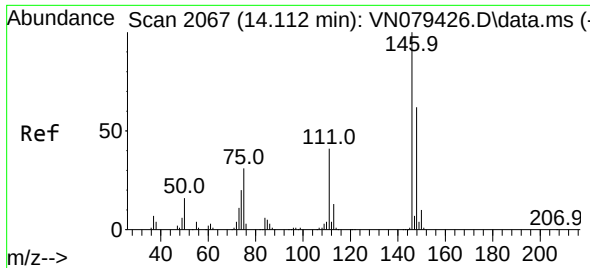
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#90
Hexachloroethane
Concen: 19.379 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

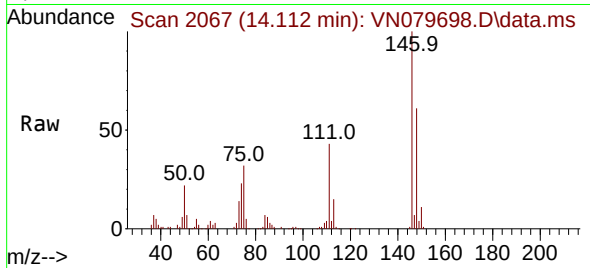
Tgt Ion:117 Resp: 45861
Ion Ratio Lower Upper
117 100
201 67.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.842 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24

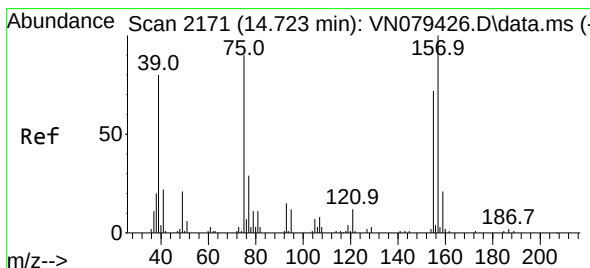
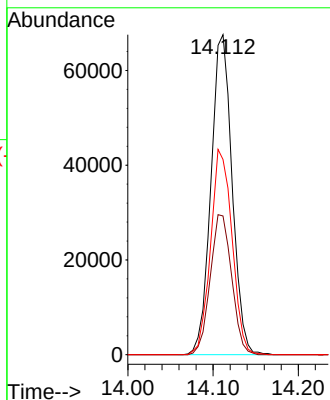
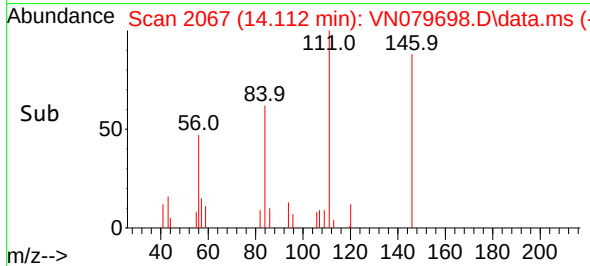
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01



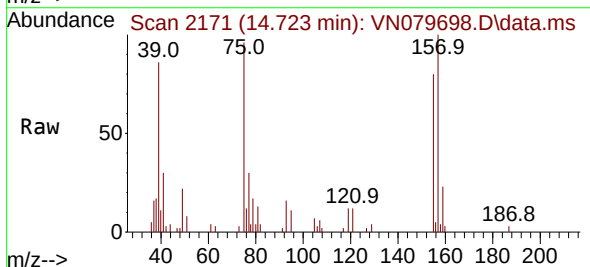
Tgt Ion:146 Resp: 11666
Ion Ratio Lower Upper
146 100
111 44.3 22.0 66.0
148 65.1 31.8 95.3

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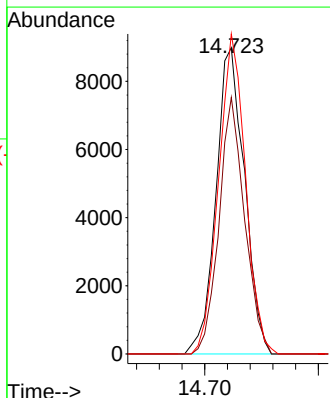
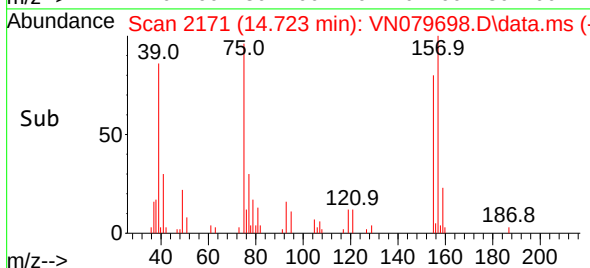
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

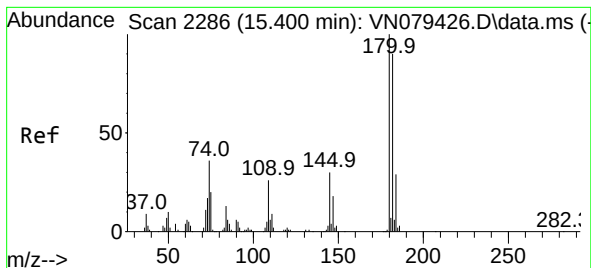


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.582 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079698.D
Acq: 26 Oct 2023 16:24



Tgt Ion: 75 Resp: 15651
Ion Ratio Lower Upper
75 100
155 75.2 39.1 117.2
157 98.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.991 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

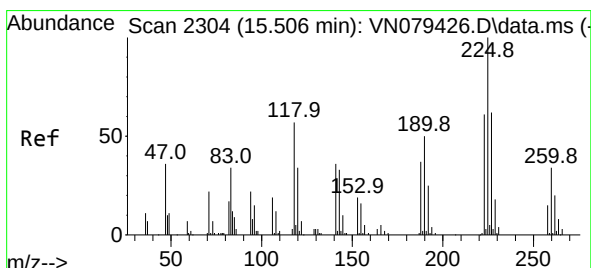
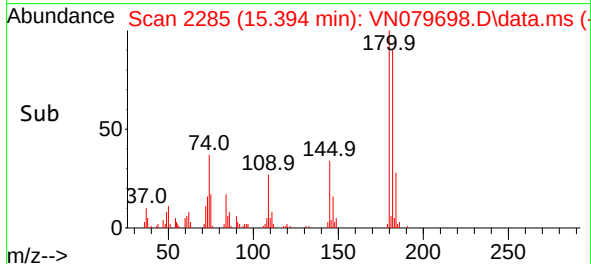
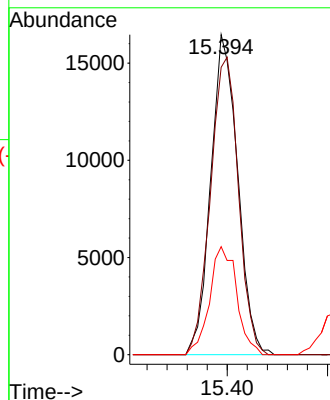
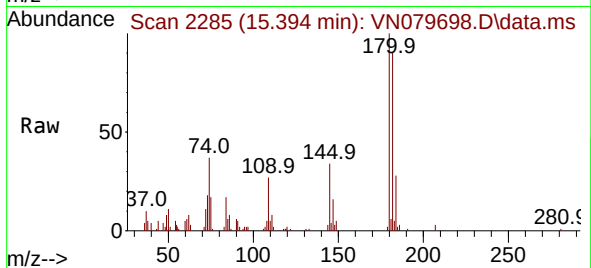
Tgt Ion:180	Resp:	3066
Ion Ratio	Lower	Upper
180	100	
182	96.6	46.1 138.2
145	34.1	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#94

Hexachlorobutadiene

Concen: 19.541 ug/l

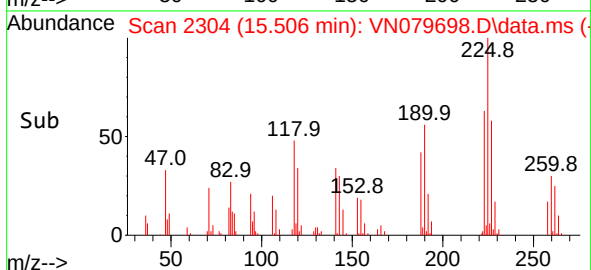
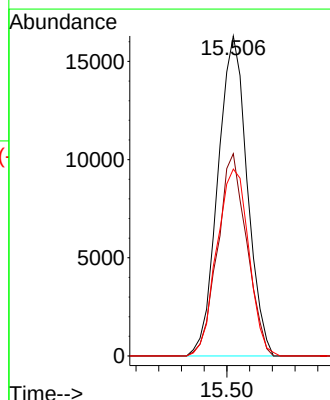
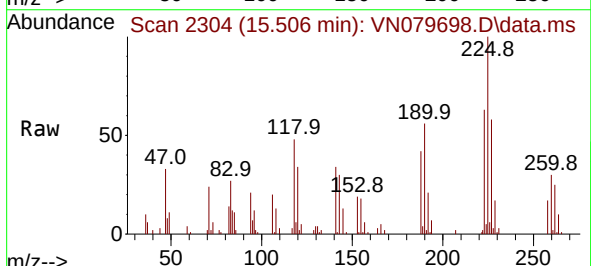
RT: 15.506 min Scan# 2304

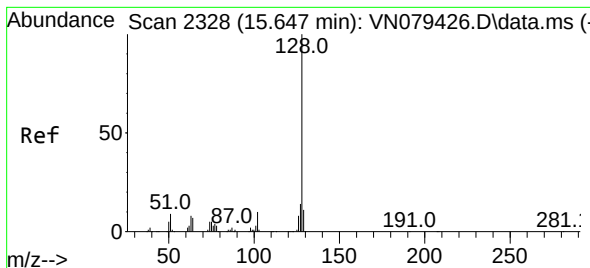
Delta R.T. 0.000 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Tgt Ion:225	Resp:	29187
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.3 93.8
227	63.5	31.9 95.9





#95

Naphthalene

Concen: 13.674 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

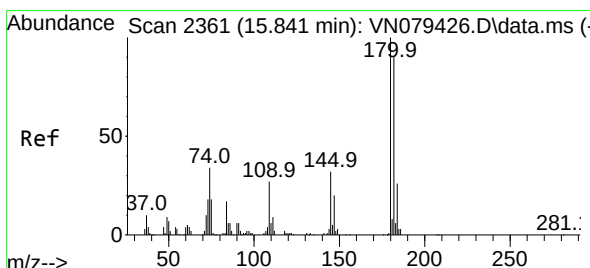
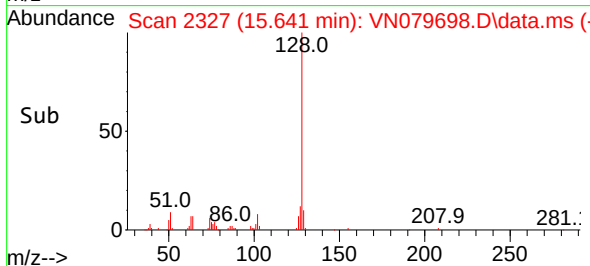
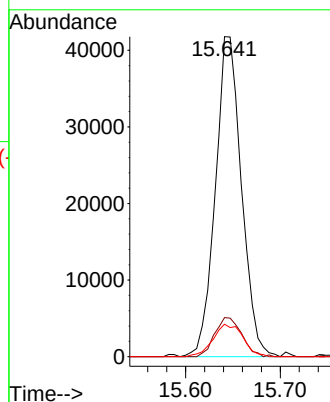
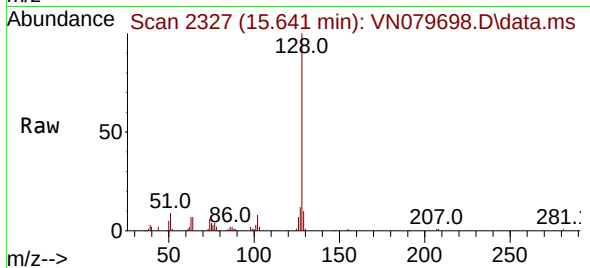
Tgt Ion:128	Resp:	80080
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.0 15.0
129	11.6	8.7 13.1

Manual Integrations

APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 15.584 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079698.D

Acq: 26 Oct 2023 16:24

Tgt Ion:180	Resp:	35665
Ion Ratio	Lower	Upper
180	100	
182	94.1	46.2 138.6
145	32.0	17.5 52.6

