

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082323\
 Data File : VN079007.D
 Acq On : 23 Aug 2023 10:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 01:06:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	333497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	297280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143865	46.968	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.940%
35) Dibromofluoromethane	8.171	113	117736	52.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.900%
50) Toluene-d8	10.571	98	421899	50.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.853	95	142124	52.164	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	133121	48.740	ug/l	98
3) Chloromethane	2.365	50	146139	38.323	ug/l	100
4) Vinyl Chloride	2.518	62	153520	45.905	ug/l	98
5) Bromomethane	2.948	94	90680	47.227	ug/l	98
6) Chloroethane	3.118	64	98000	41.918	ug/l	95
7) Trichlorofluoromethane	3.495	101	192681	47.303	ug/l	100
8) Diethyl Ether	3.965	74	70275	45.509	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	105254	48.517	ug/l	99
10) Methyl Iodide	4.589	142	127425	52.498	ug/l	96
11) Tert butyl alcohol	5.530	59	105302	204.876	ug/l	99
12) 1,1-Dichloroethene	4.342	96	101918	48.228	ug/l	85
13) Acrolein	4.183	56	70138	254.416	ug/l	100
14) Allyl chloride	5.024	41	181702	43.201	ug/l #	88
15) Acrylonitrile	5.724	53	307221	220.641	ug/l	100
16) Acetone	4.424	43	336132	265.960	ug/l	90
17) Carbon Disulfide	4.712	76	275369	46.551	ug/l	95
18) Methyl Acetate	5.024	43	222944	41.757	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	361892	47.540	ug/l	96
20) Methylene Chloride	5.277	84	127822	47.459	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	113287	47.806	ug/l #	82
22) Diisopropyl ether	6.677	45	428697	48.180	ug/l #	92
23) Vinyl Acetate	6.612	43	1371700	234.132	ug/l #	86
24) 1,1-Dichloroethane	6.565	63	231529	47.631	ug/l	98
25) 2-Butanone	7.489	43	458497	226.275	ug/l #	75
26) 2,2-Dichloropropane	7.489	77	195580	49.777	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	134064	46.546	ug/l	83
28) Bromochloromethane	7.818	49	123392	47.854	ug/l #	72
29) Tetrahydrofuran	7.841	42	289466	215.828	ug/l #	70
30) Chloroform	7.971	83	230325	47.429	ug/l	94
31) Cyclohexane	8.259	56	175952	45.842	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	197803	47.770	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	173981	51.520	ug/l	96
37) Ethyl Acetate	7.565	43	184279	48.773	ug/l #	88
38) Carbon Tetrachloride	8.365	117	175638	51.908	ug/l	100
39) Methylcyclohexane	9.606	83	149916	48.270	ug/l #	84
40) Benzene	8.606	78	506091	50.703	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	93732	45.550	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	186499	50.012	ug/l	96
43) Isopropyl Acetate	8.688	43	317974	47.614	ug/l #	85
44) Trichloroethene	9.359	130	117844	49.688	ug/l	98
45) 1,2-Dichloropropane	9.624	63	135901	51.138	ug/l	99
46) Dibromomethane	9.712	93	90363	49.574	ug/l	95
47) Bromodichloromethane	9.894	83	185408	51.512	ug/l	98
48) Methyl methacrylate	9.682	41	141756	46.843	ug/l #	78
49) 1,4-Dioxane	9.700	88	46735	906.680	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	915744	231.200	ug/l #	85
52) Toluene	10.635	92	316742	51.685	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	205487	53.236	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	213089	50.689	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	124003	50.465	ug/l	98
56) Ethyl methacrylate	10.877	69	192755	50.605	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	222898	50.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	382853	209.391	ug/l	90
59) 2-Hexanone	11.200	43	672478	234.409	ug/l	85
60) Dibromochloromethane	11.365	129	137674	53.244	ug/l	98
61) 1,2-Dibromoethane	11.471	107	127865	51.207	ug/l	97
64) Tetrachloroethene	11.106	164	92979	49.873	ug/l	95
65) Chlorobenzene	11.894	112	333905	52.766	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	127231	53.203	ug/l	96
67) Ethyl Benzene	11.965	91	597443	51.917	ug/l	97
68) m/p-Xylenes	12.076	106	453540	105.414	ug/l	98
69) o-Xylene	12.400	106	222909	53.259	ug/l	95
70) Styrene	12.412	104	372270	53.343	ug/l	98
71) Bromoform	12.582	173	92974	53.477	ug/l #	99
73) Isopropylbenzene	12.700	105	545339	48.220	ug/l	100
74) N-amyl acetate	12.500	43	260537	45.640	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	185666	45.467	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	233309	71.389	ug/l	68
77) Bromobenzene	12.982	156	132152	48.613	ug/l	97
78) n-propylbenzene	13.041	91	630540	48.080	ug/l	99
79) 2-Chlorotoluene	13.129	91	390328	47.981	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	444009	49.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	66992	52.365	ug/l	92
82) 4-Chlorotoluene	13.223	91	386078	48.503	ug/l	98
83) tert-Butylbenzene	13.441	119	353466	46.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	443564	49.983	ug/l	98
85) sec-Butylbenzene	13.618	105	492832	47.557	ug/l	99
86) p-Isopropyltoluene	13.735	119	406646	49.114	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	234160	50.058	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	230971	49.332	ug/l	98
89) n-Butylbenzene	14.059	91	336183	49.339	ug/l	98
90) Hexachloroethane	14.335	117	77917	46.947	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	228044	49.022	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31509	46.343	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	83424	50.587	ug/l	97
94) Hexachlorobutadiene	15.506	225	43314	50.604	ug/l	97
95) Naphthalene	15.647	128	250749	40.626	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	86399	47.835	ug/l	96

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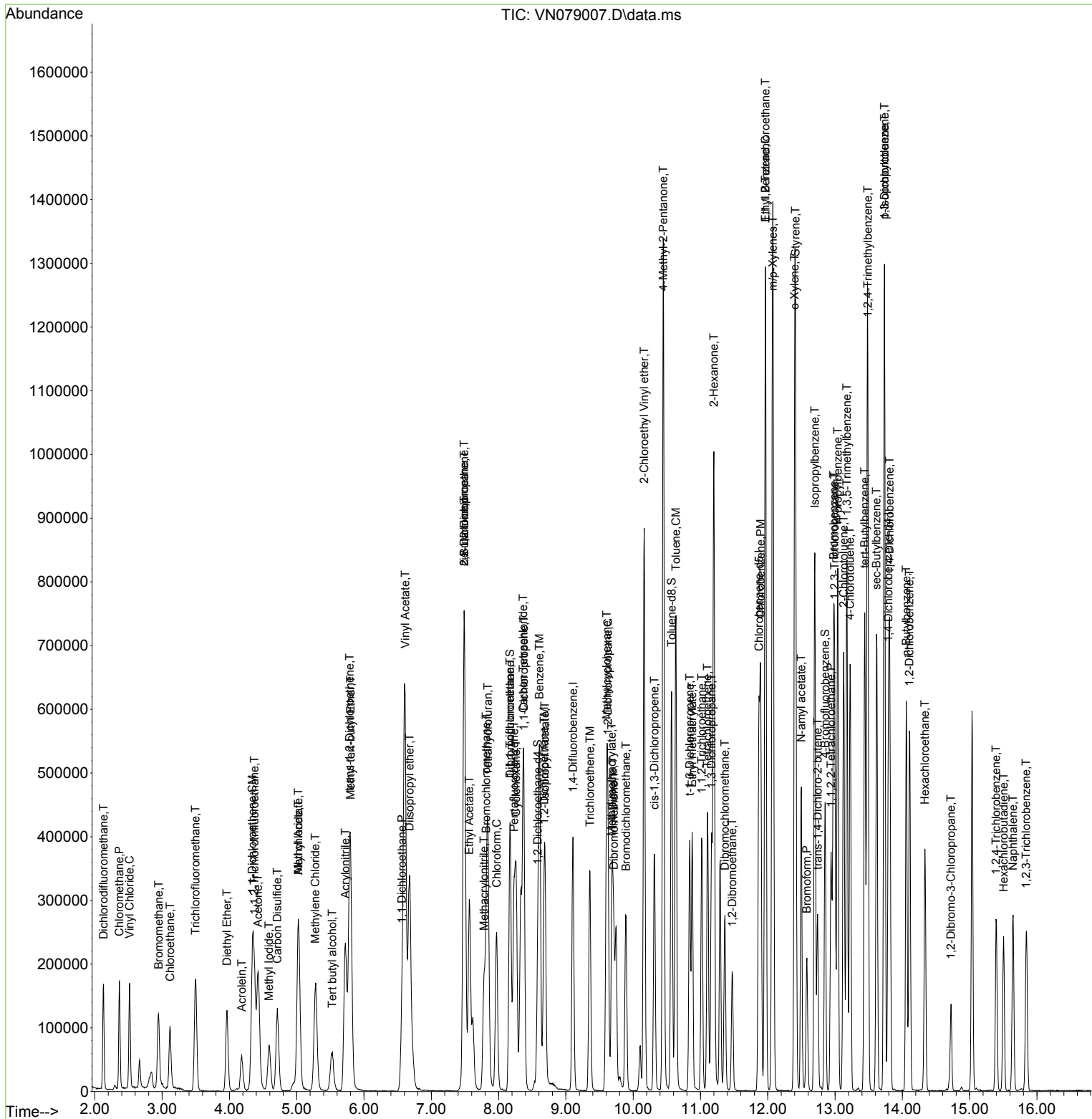
Instrument :
MSVOA_N
ClientSampleId :

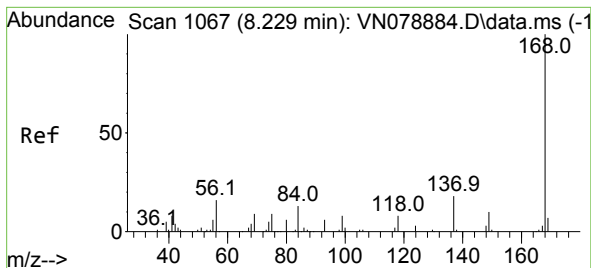
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QLast Update : Wed Aug 16 02:42:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

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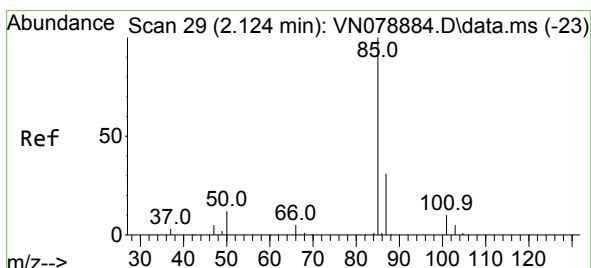
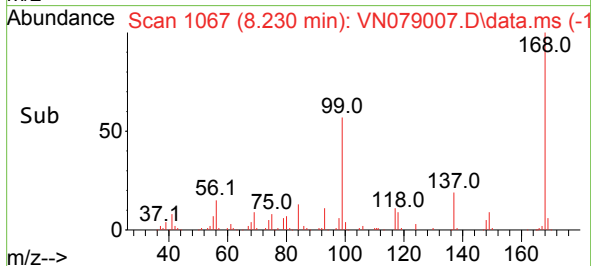
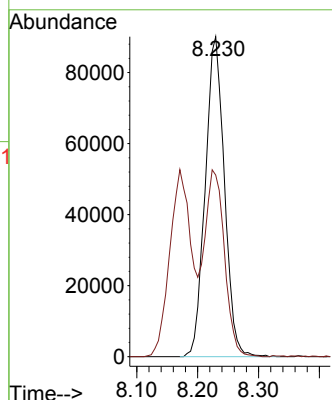
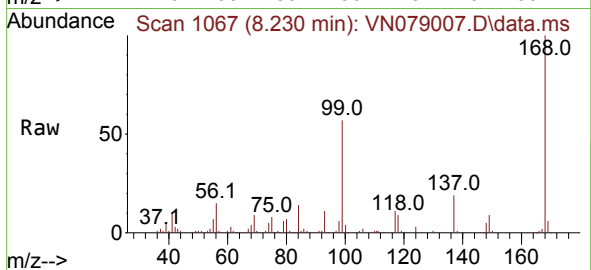
ClientSampleId :

Tgt Ion:168 Resp: 196841

Ion Ratio Lower Upper

168 100

99 56.6 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 48.740 ug/l

RT: 2.130 min Scan# 30

Delta R.T. -0.006 min

Lab File: VN079007.D

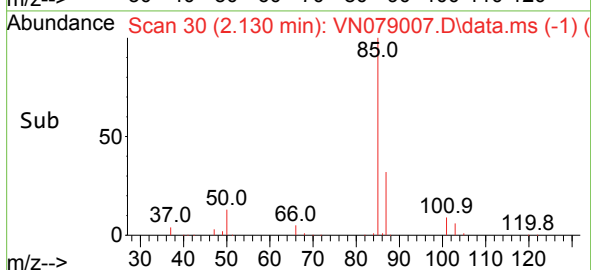
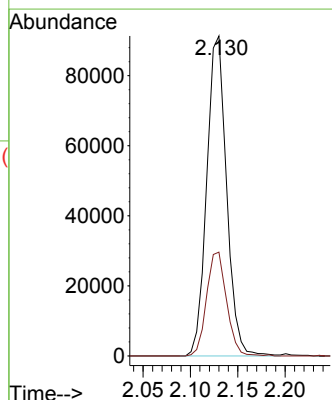
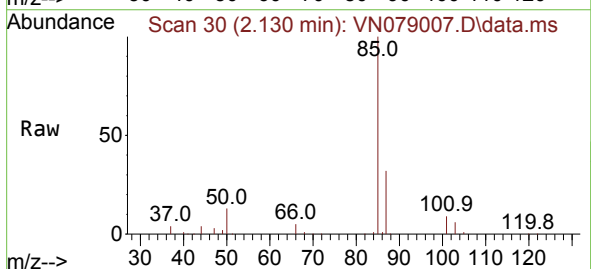
Acq: 23 Aug 2023 10:32

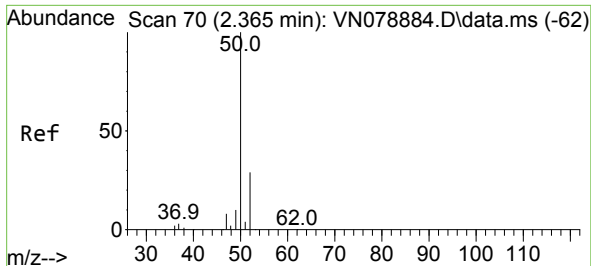
Tgt Ion: 85 Resp: 133121

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4

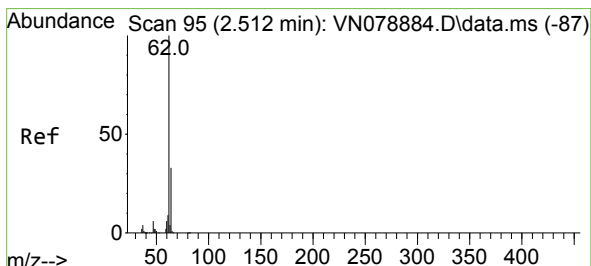
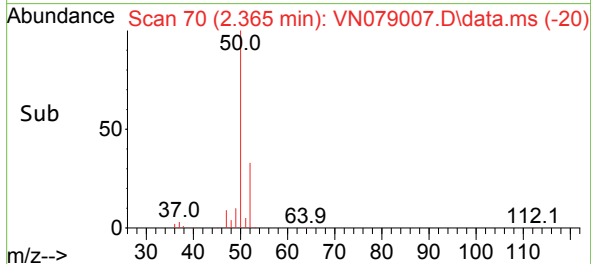
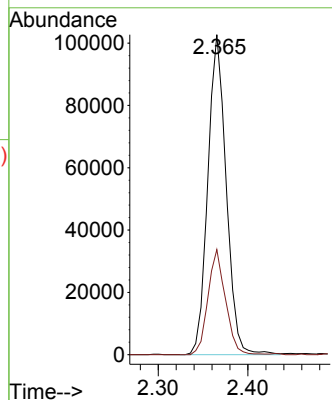
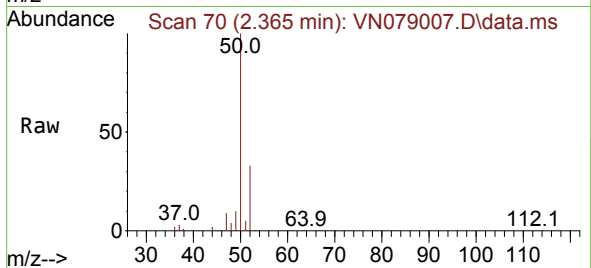




#3
Chloromethane
Concen: 38.323 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079007.D
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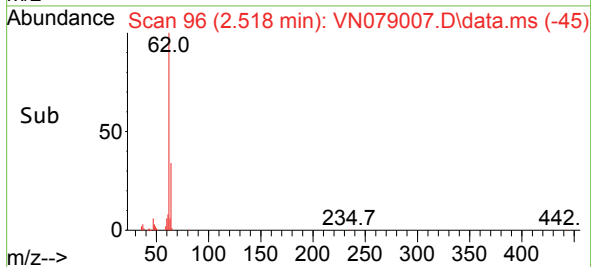
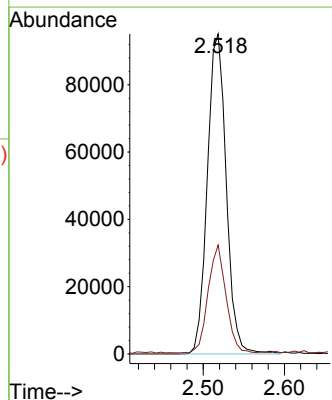
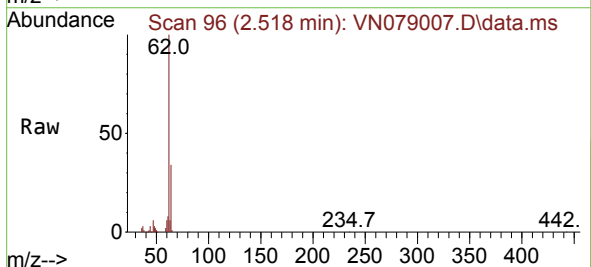
Instrument :
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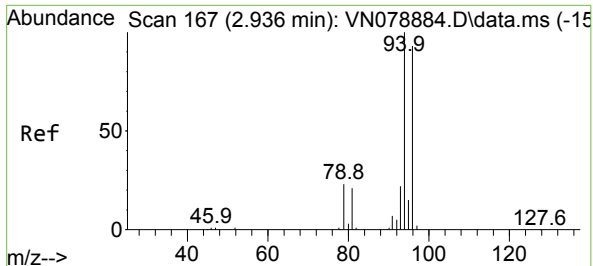
Tgt Ion: 50 Resp: 146139
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



#4
Vinyl Chloride
Concen: 45.905 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 62 Resp: 153520
Ion Ratio Lower Upper
62 100
64 33.7 26.2 39.2

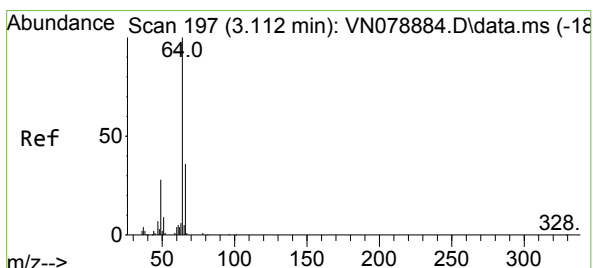
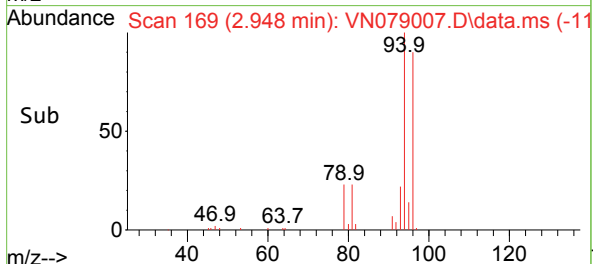
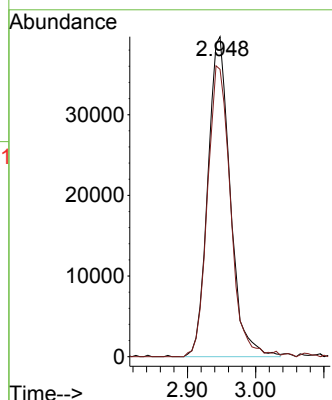
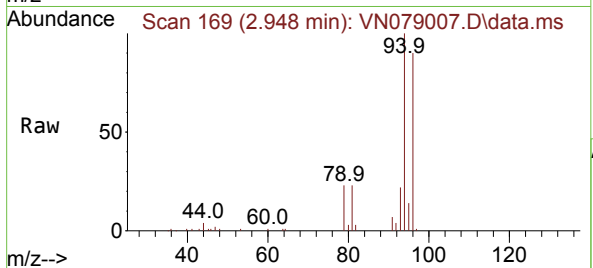




#5
Bromomethane
Concen: 47.227 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

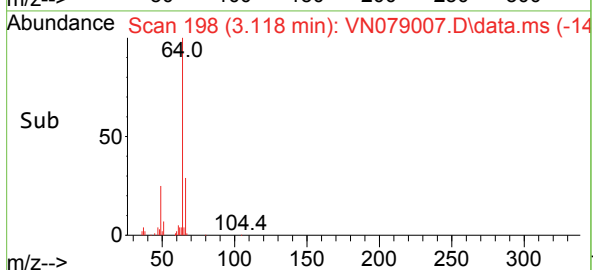
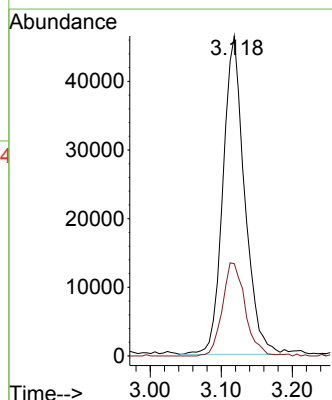
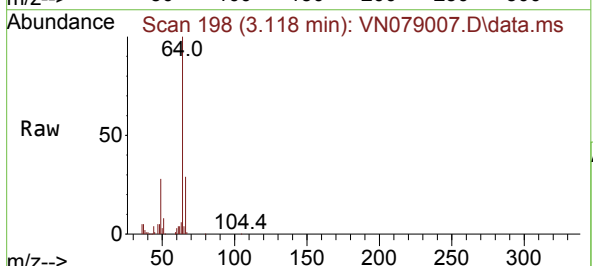
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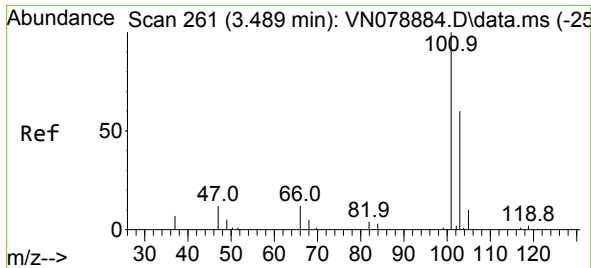
Tgt Ion: 94 Resp: 90680
Ion Ratio Lower Upper
94 100
96 89.8 73.1 109.7



#6
Chloroethane
Concen: 41.918 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 64 Resp: 98000
Ion Ratio Lower Upper
64 100
66 29.0 25.4 38.2

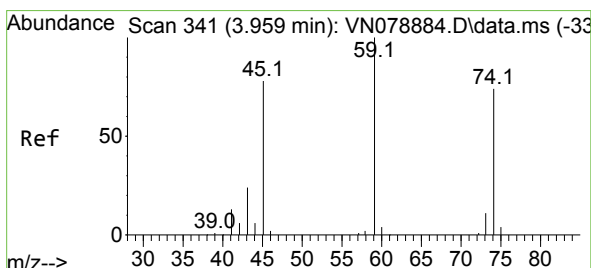
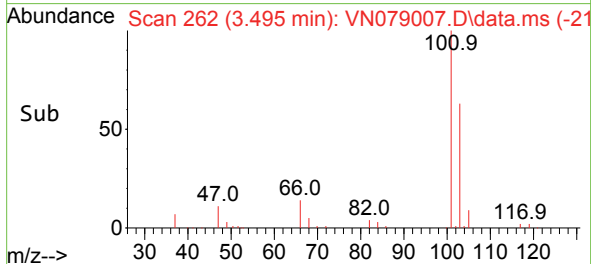
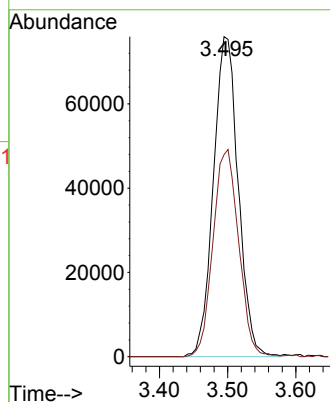
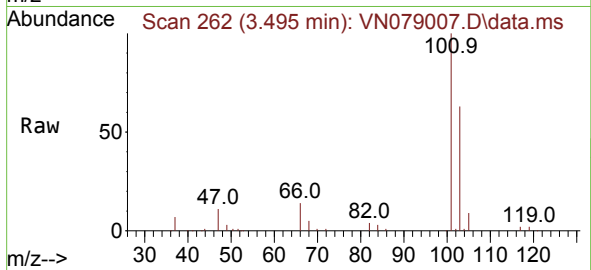




#7
 Trichlorofluoromethane
 Concen: 47.303 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

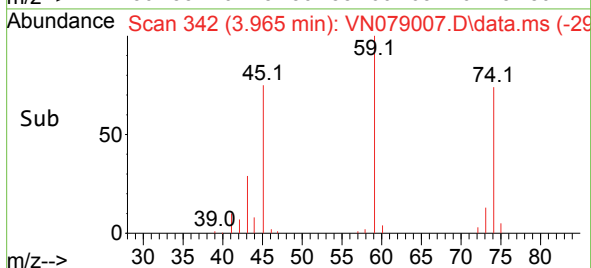
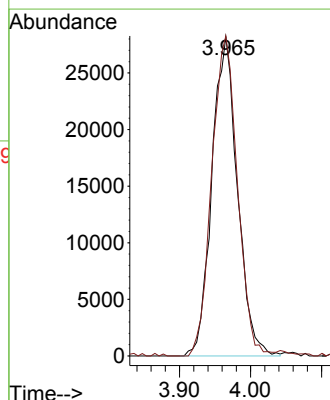
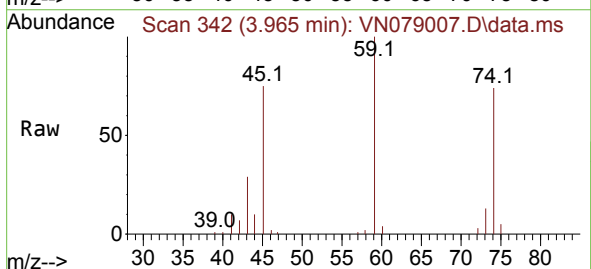
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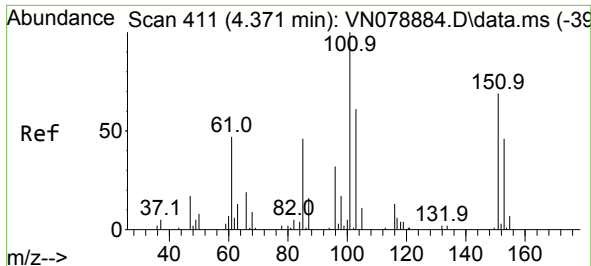
Tgt Ion:101 Resp: 192681
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.509 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 70275
 Ion Ratio Lower Upper
 74 100
 45 101.1 34.4 103.3

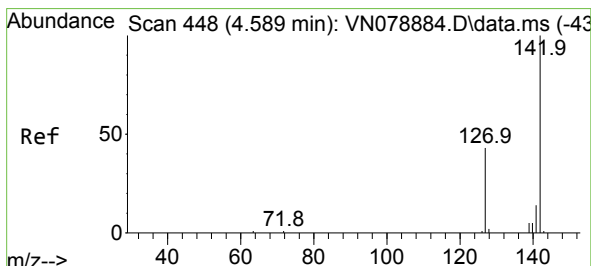
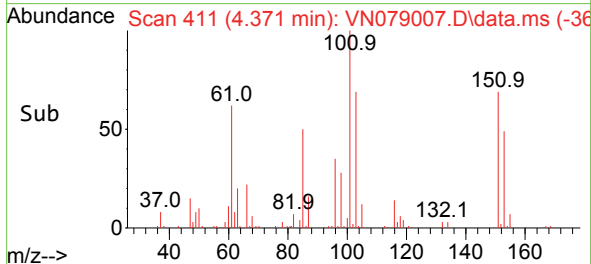
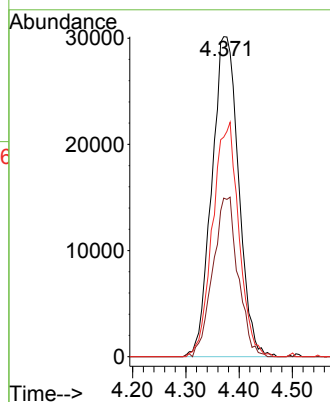
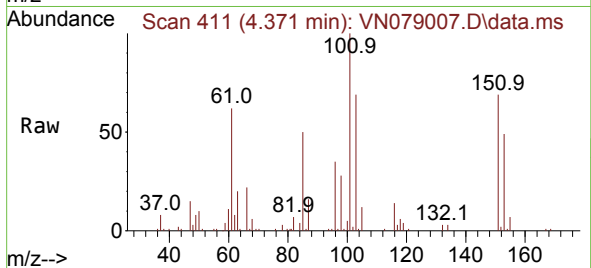




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.517 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

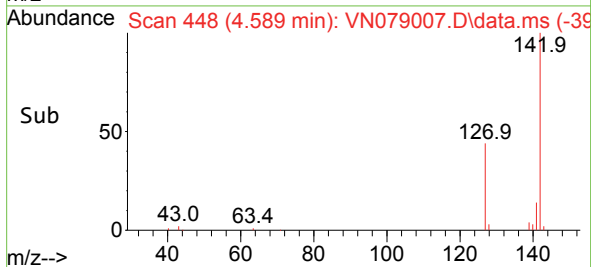
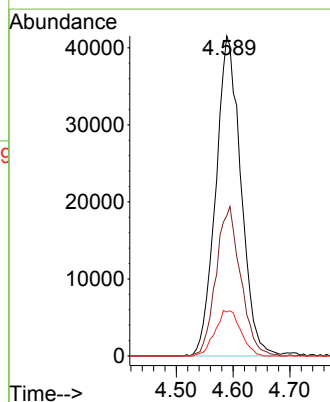
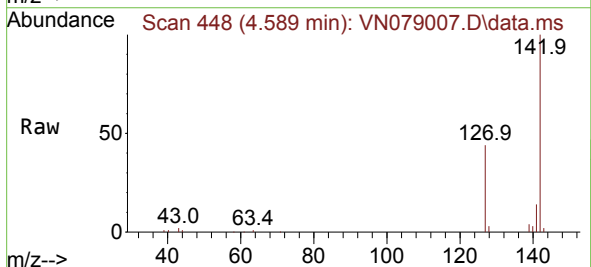
Instrument :
MSVOA_N
ClientSampleId :

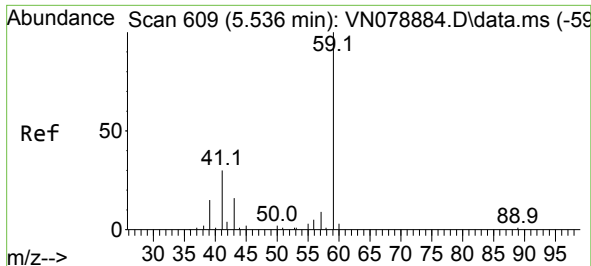
Tgt Ion:101 Resp: 105254
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 71.6 57.6 86.4



#10
Methyl Iodide
Concen: 52.498 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

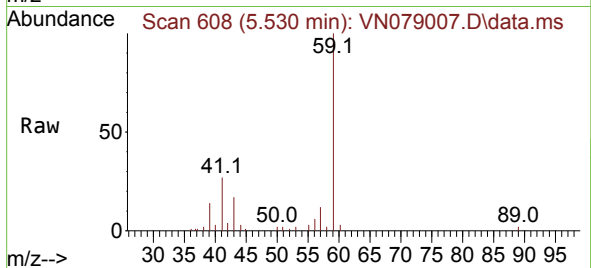
Tgt Ion:142 Resp: 127425
Ion Ratio Lower Upper
142 100
127 43.8 37.6 56.4
141 13.7 11.4 17.0



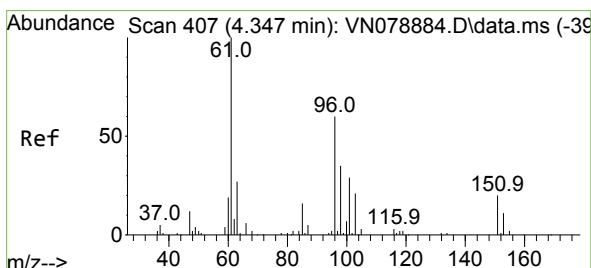
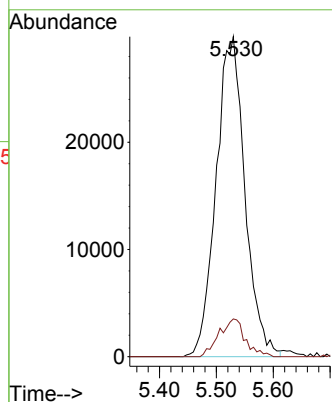
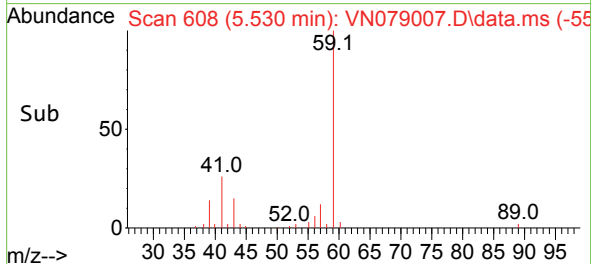


#11
Tert butyl alcohol
Concen: 204.876 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

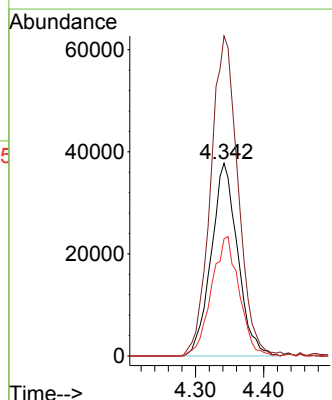
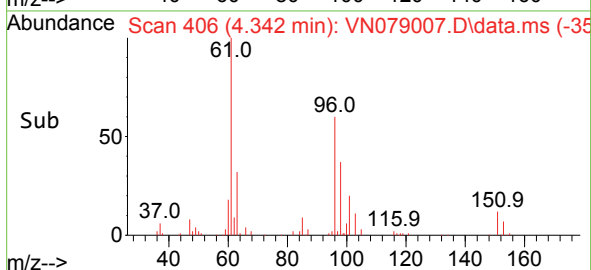
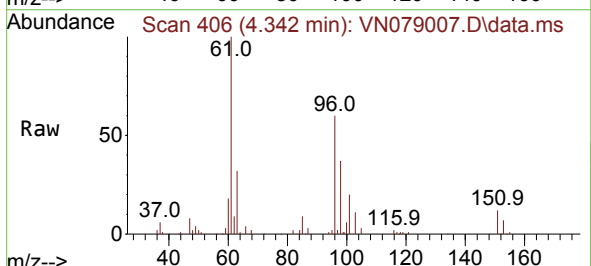


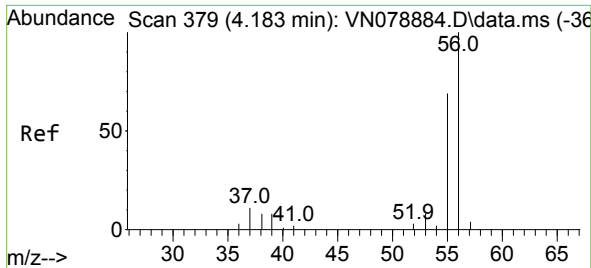
Tgt Ion: 59 Resp: 105302
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.228 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 96 Resp: 101918
Ion Ratio Lower Upper
96 100
61 166.1 112.7 169.1
98 60.9 51.2 76.8

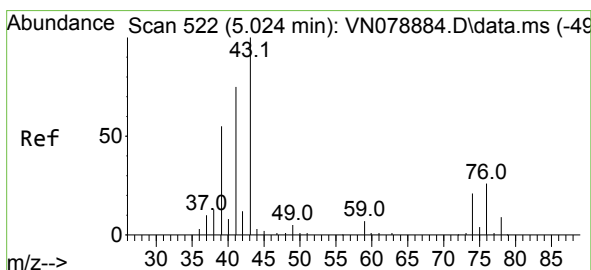
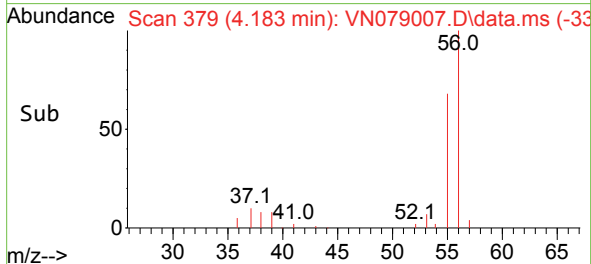
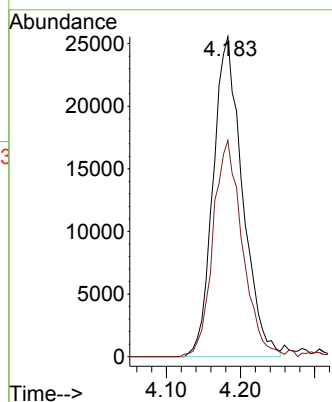
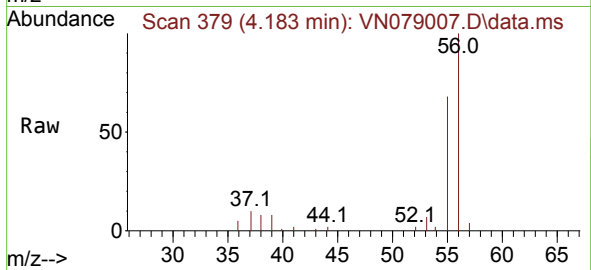




#13
Acrolein
Concen: 254.416 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

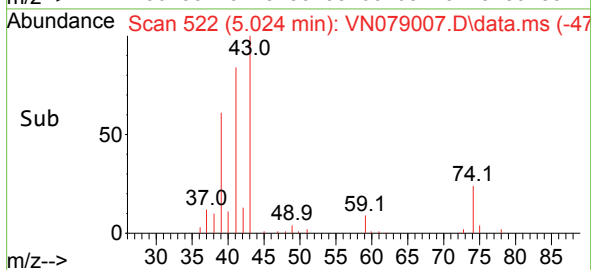
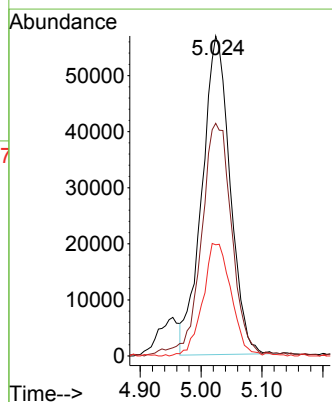
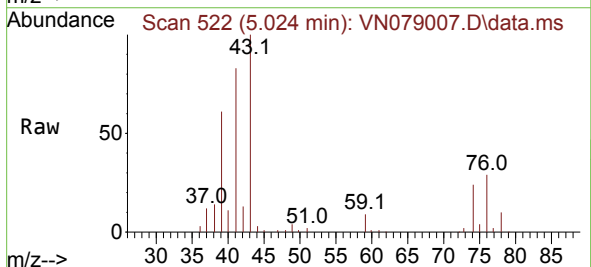
Instrument :
MSVOA_N
ClientSampleId :

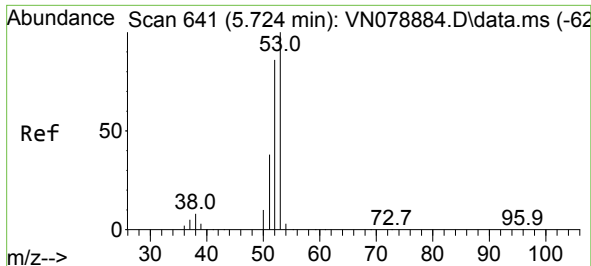
Tgt Ion: 56 Resp: 70138
Ion Ratio Lower Upper
56 100
55 67.8 54.5 81.7



#14
Allyl chloride
Concen: 43.201 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

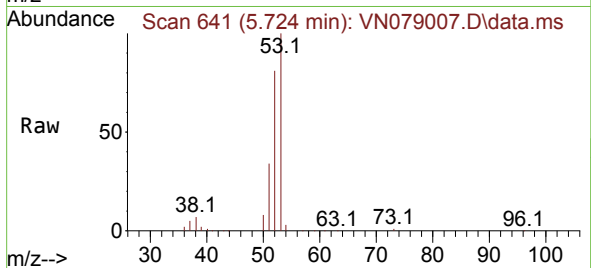
Tgt Ion: 41 Resp: 181702
Ion Ratio Lower Upper
41 100
39 79.1 58.8 88.2
76 35.7 39.1 58.7#



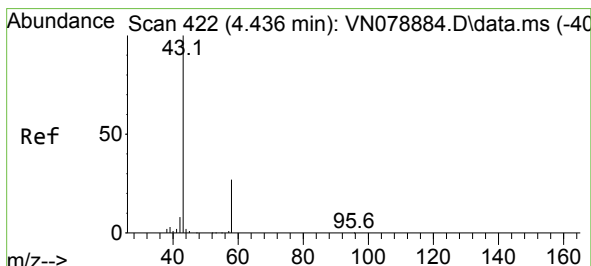
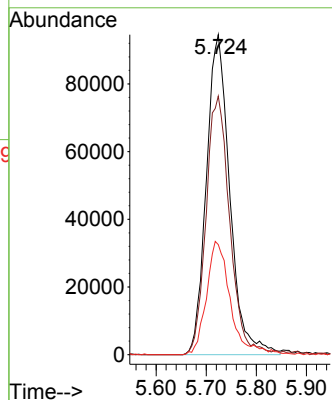
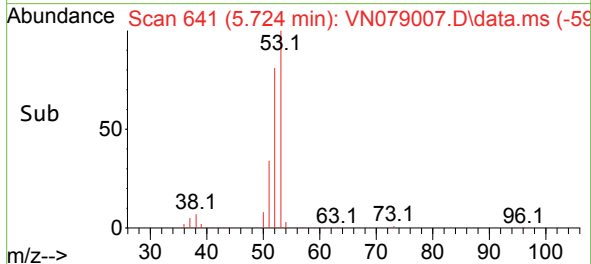


#15
Acrylonitrile
Concen: 220.641 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

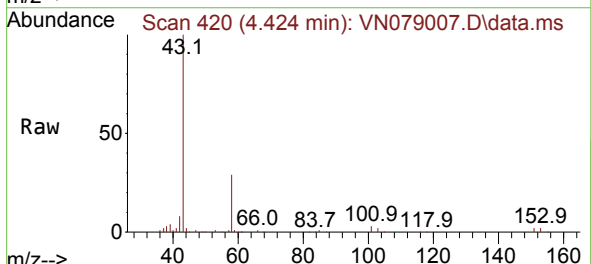
Instrument :
MSVOA_N
ClientSampleId :



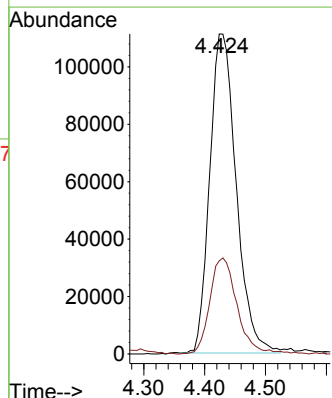
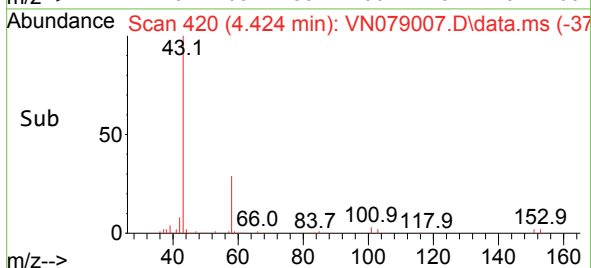
Tgt Ion: 53 Resp: 307221
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.1 28.9 43.3

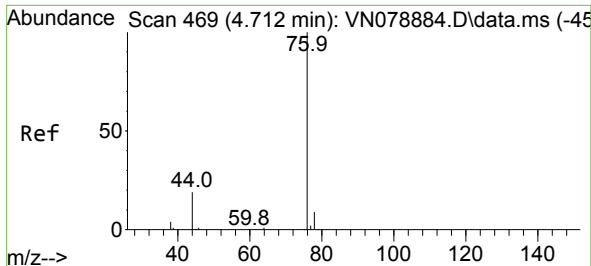


#16
Acetone
Concen: 265.960 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.018 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32



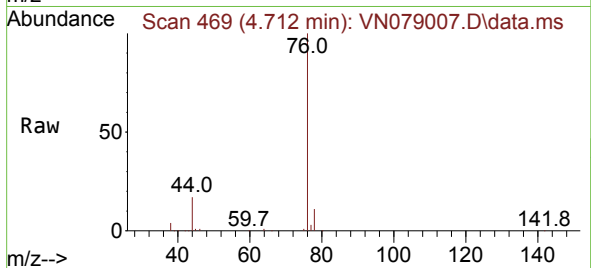
Tgt Ion: 43 Resp: 336132
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0



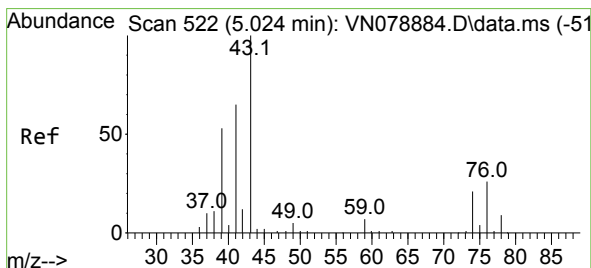
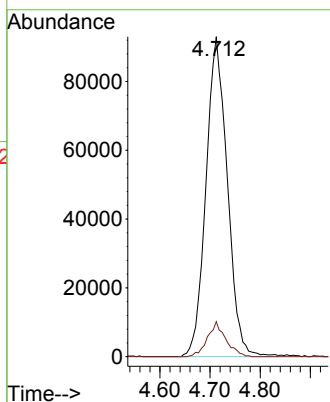
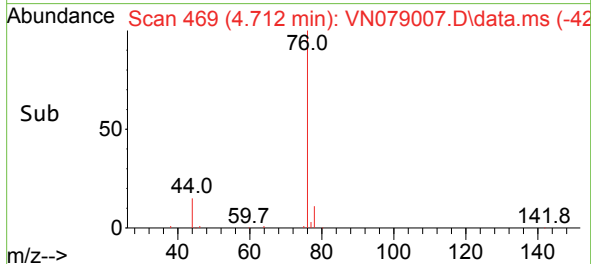


#17
Carbon Disulfide
Concen: 46.551 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

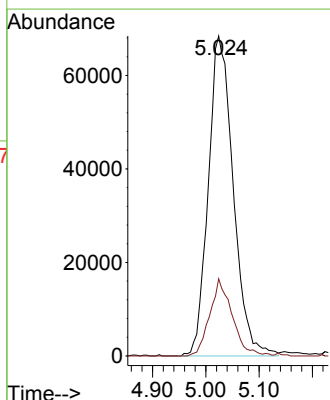
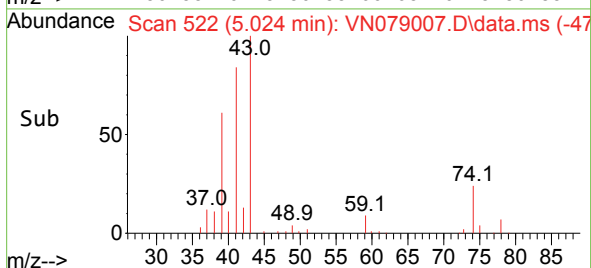
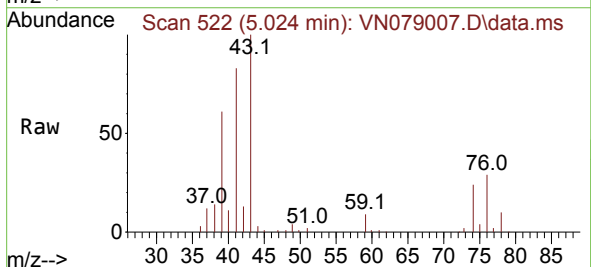


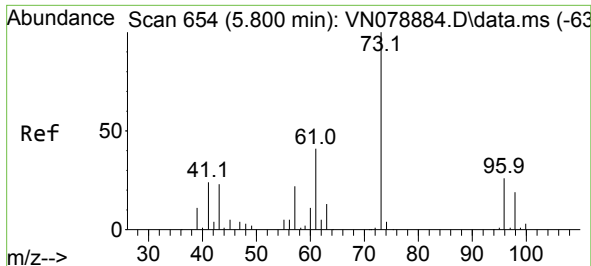
Tgt Ion: 76 Resp: 275369
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#18
Methyl Acetate
Concen: 41.757 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 43 Resp: 222944
Ion Ratio Lower Upper
43 100
74 21.7 26.2 39.4#

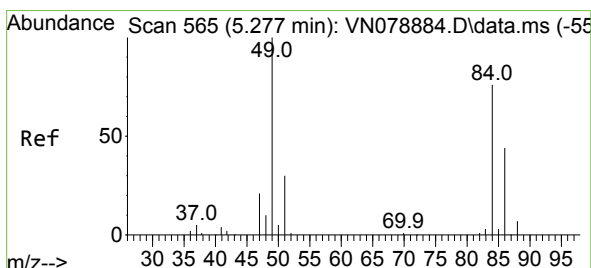
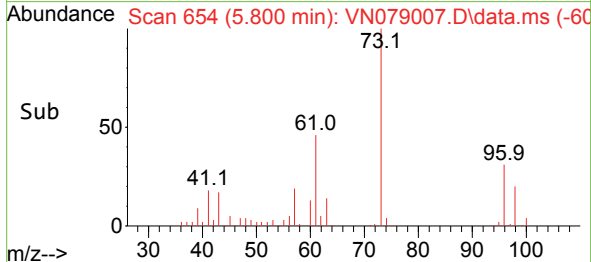
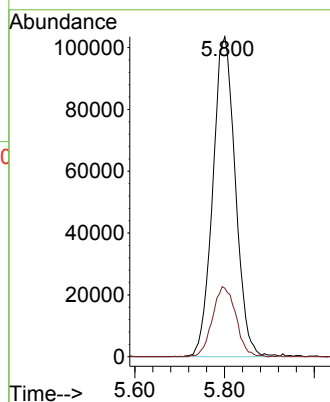
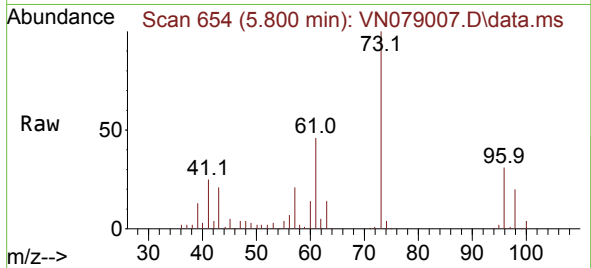




#19
Methyl tert-butyl Ether
Concen: 47.540 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

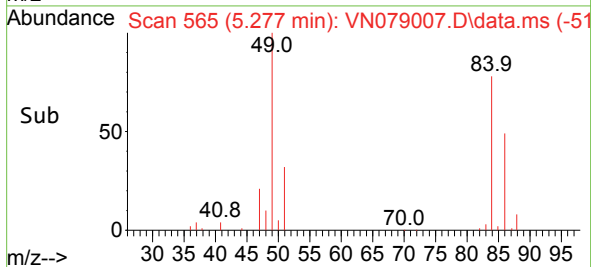
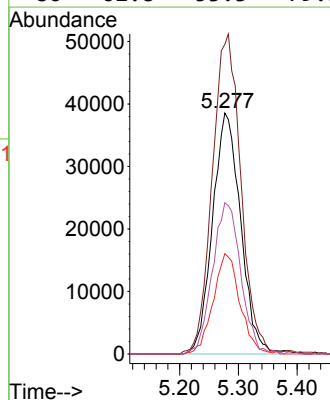
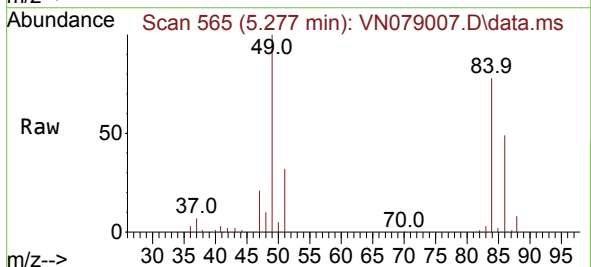
Instrument :
MSVOA_N
ClientSampleId :

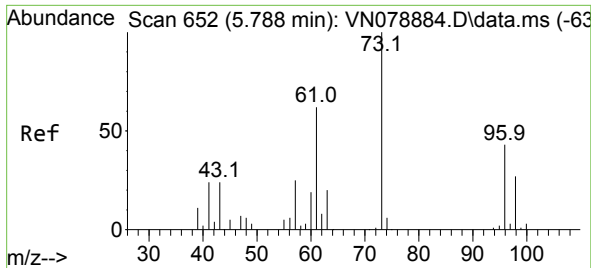
Tgt Ion: 73 Resp: 361892
Ion Ratio Lower Upper
73 100
57 21.3 15.6 23.4



#20
Methylene Chloride
Concen: 47.459 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

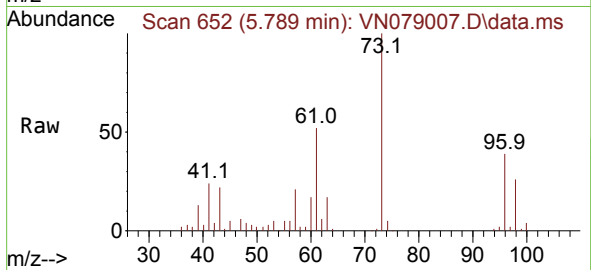
Tgt Ion: 84 Resp: 127822
Ion Ratio Lower Upper
84 100
49 128.5 79.7 119.5#
51 41.6 25.2 37.8#
86 62.8 53.3 79.9



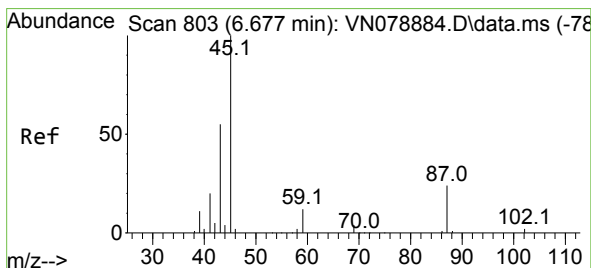
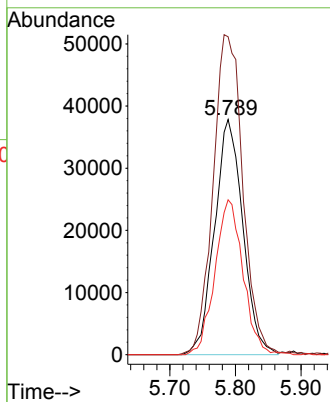
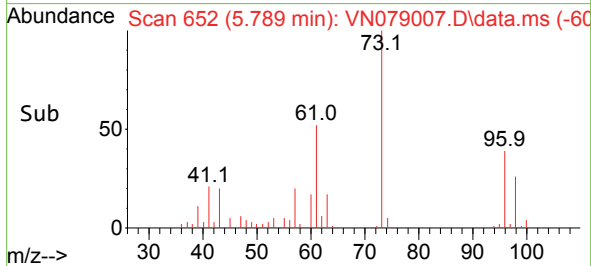


#21
trans-1,2-Dichloroethene
Concen: 47.806 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

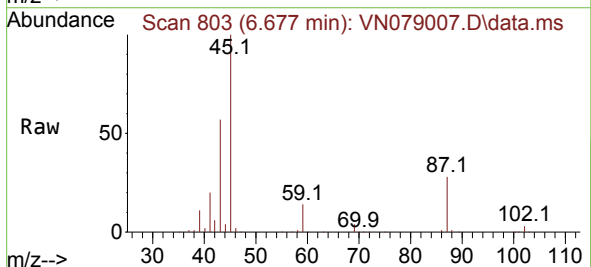
Instrument :
MSVOA_N
ClientSampleId :



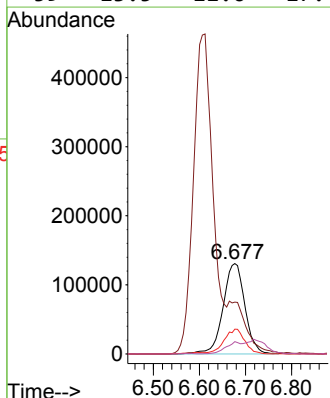
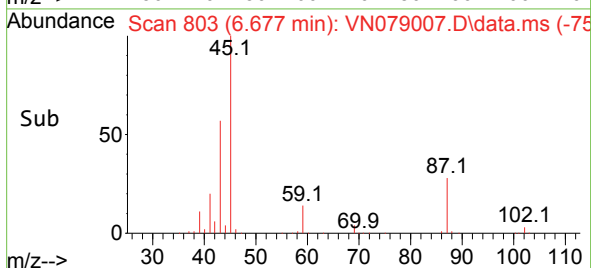
Tgt Ion: 96 Resp: 113287
Ion Ratio Lower Upper
96 100
61 135.2 90.1 135.1#
98 65.9 46.4 69.6

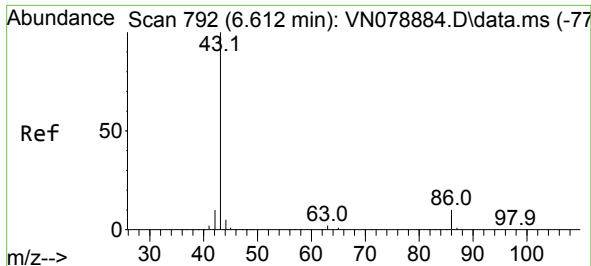


#22
Diisopropyl ether
Concen: 48.180 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32



Tgt Ion: 45 Resp: 428697
Ion Ratio Lower Upper
45 100
43 55.8 45.5 68.3
87 27.3 31.8 47.8#
59 13.5 11.6 17.4

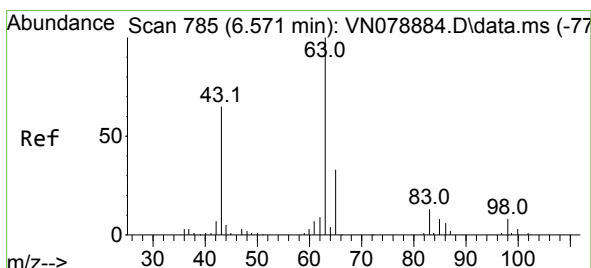
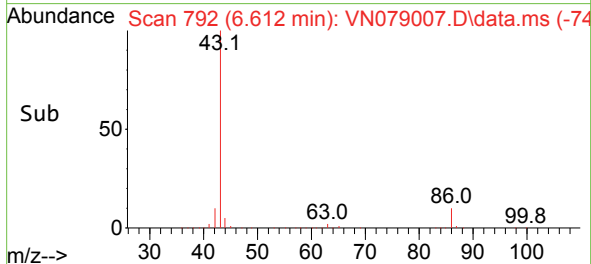
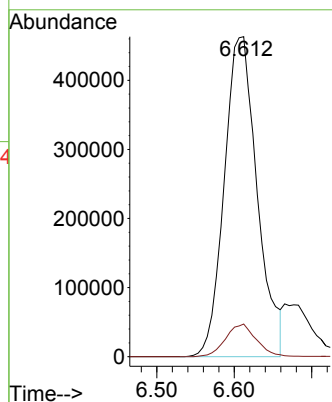
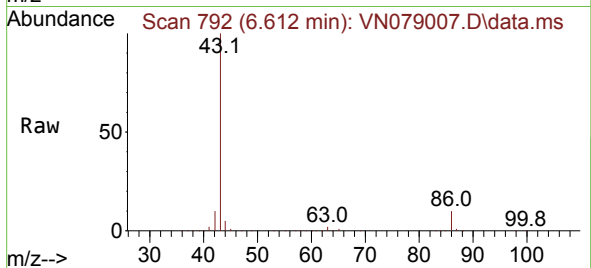




#23
 Vinyl Acetate
 Concen: 234.132 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

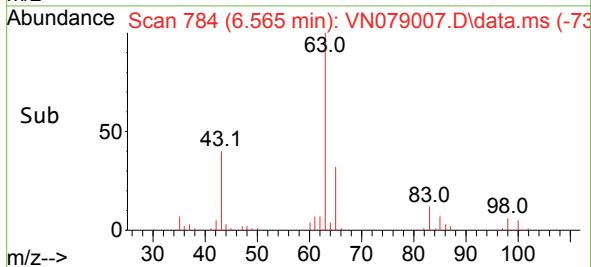
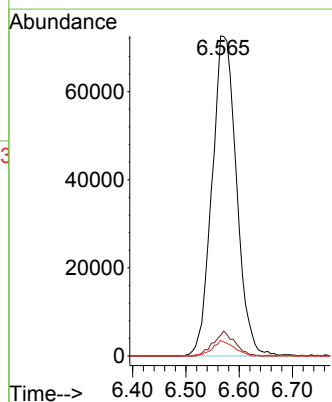
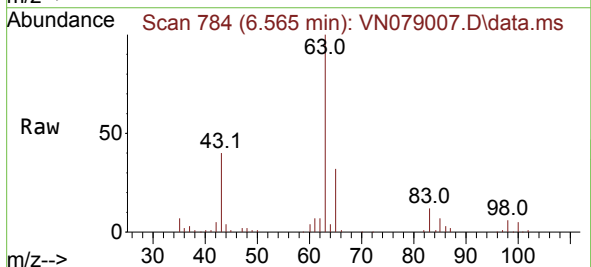
Instrument :
 MSVOA_N
 ClientSampleId :

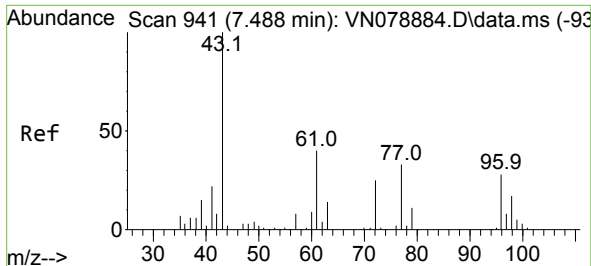
Tgt Ion: 43 Resp: 1371700
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.631 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.012 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

Tgt Ion: 63 Resp: 231529
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.9 2.5 7.4

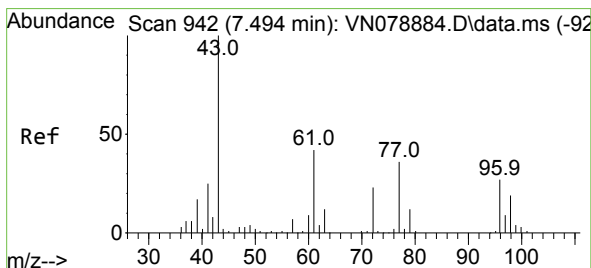
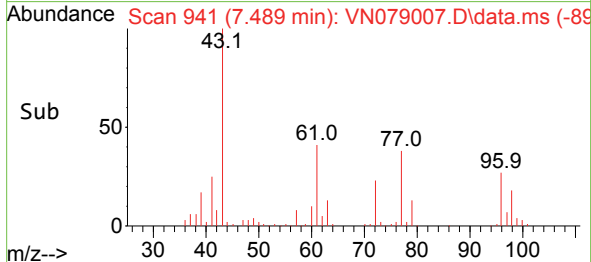
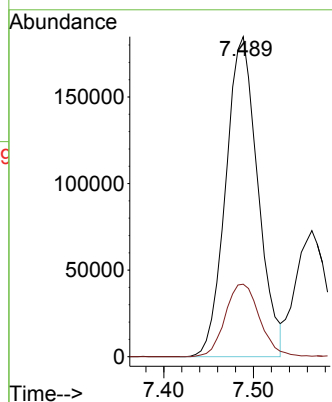
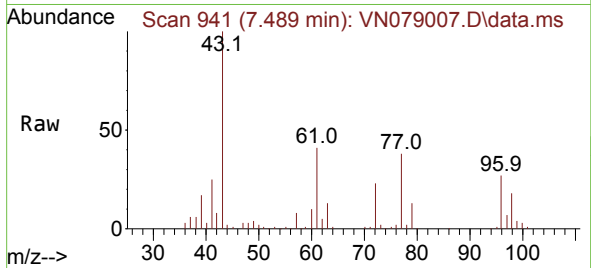




#25
2-Butanone
Concen: 226.275 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

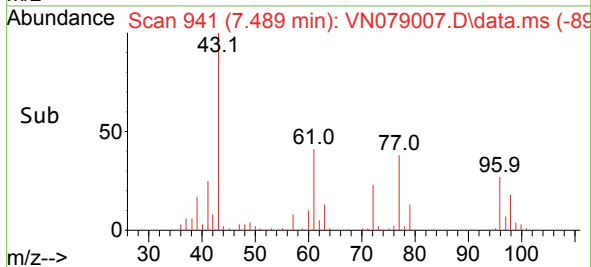
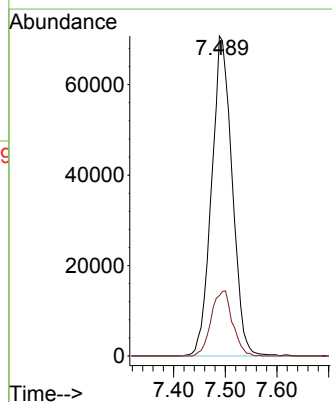
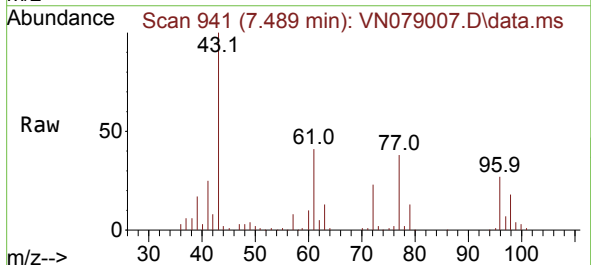
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 458497
Ion Ratio Lower Upper
43 100
72 22.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 49.777 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.011 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 77 Resp: 195580
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 46.546 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.011 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

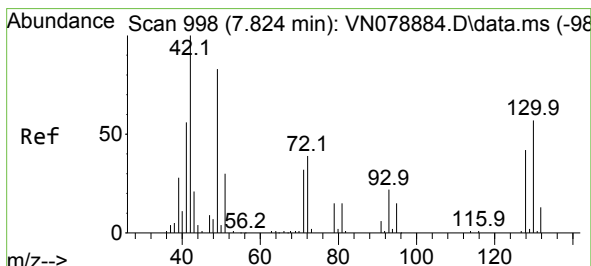
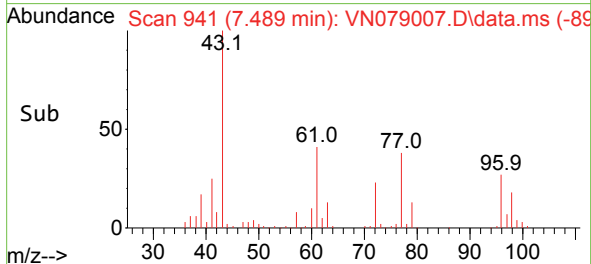
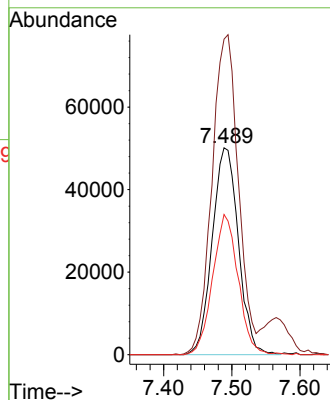
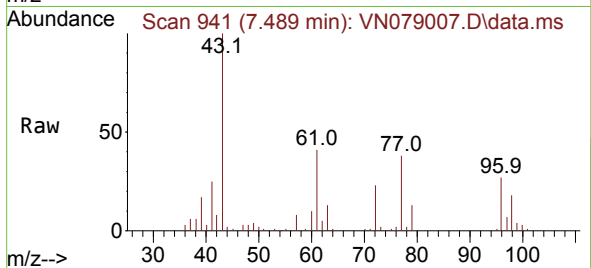
Tgt Ion: 96 Resp: 134064

Ion Ratio Lower Upper

96 100

61 155.8 0.0 255.2

98 65.8 0.0 128.8



#28

Bromochloromethane

Concen: 47.854 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

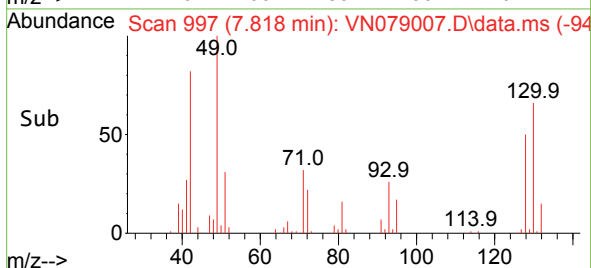
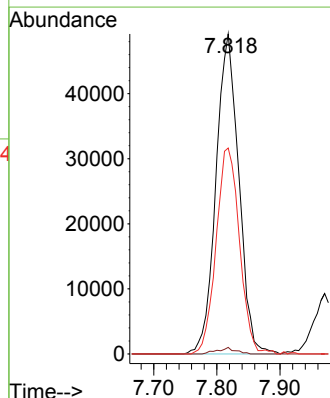
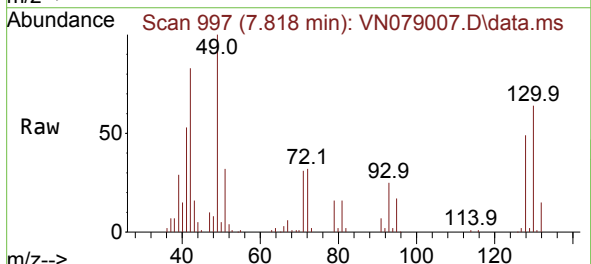
Tgt Ion: 49 Resp: 123392

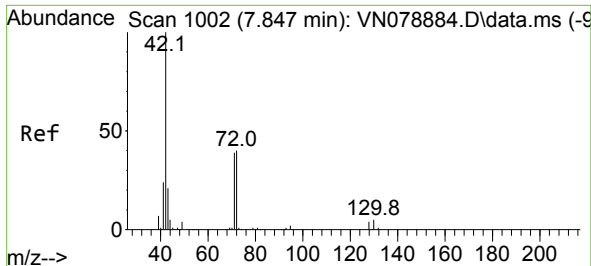
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.8

130 66.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 215.828 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

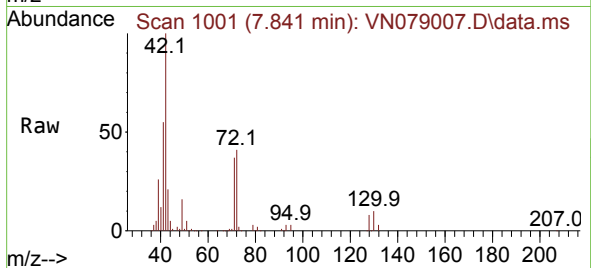
Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :



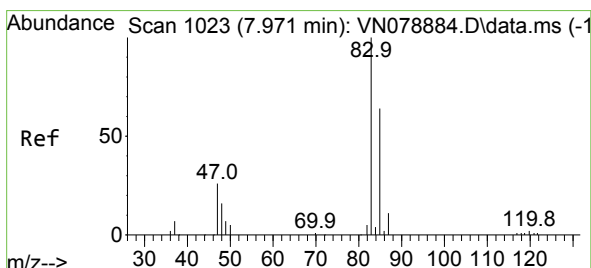
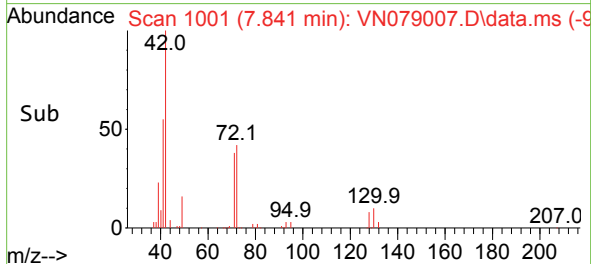
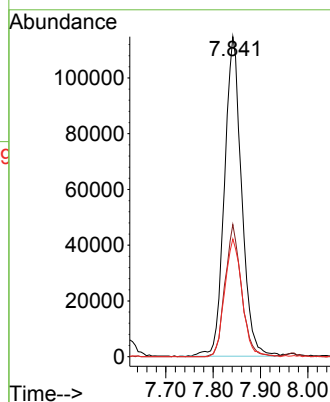
Tgt Ion: 42 Resp: 289466

Ion Ratio Lower Upper

42 100

72 39.4 49.8 74.6#

71 37.2 47.4 71.2#



#30

Chloroform

Concen: 47.429 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079007.D

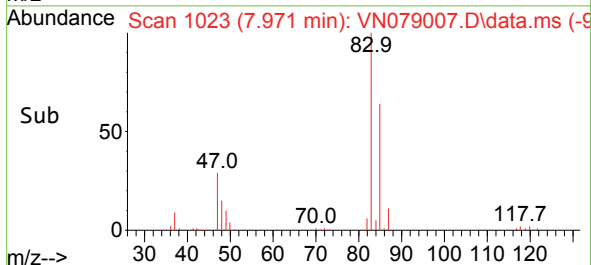
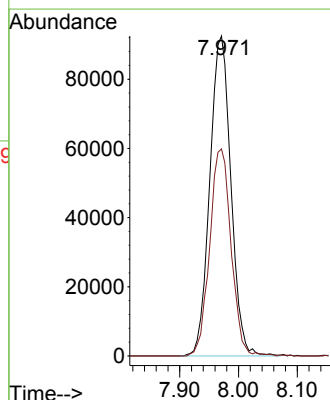
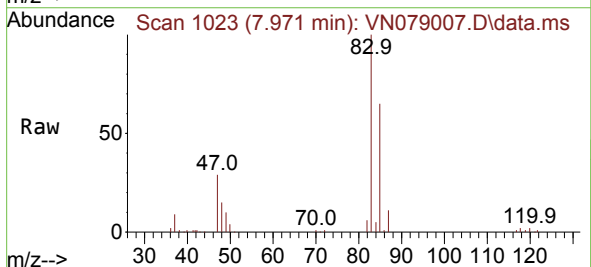
Acq: 23 Aug 2023 10:32

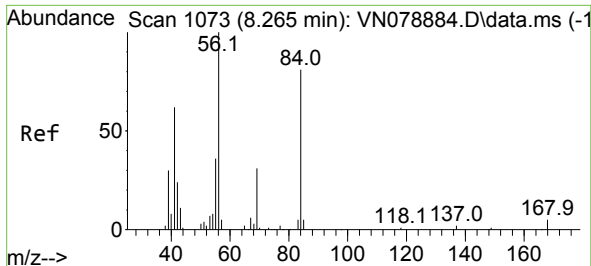
Tgt Ion: 83 Resp: 230325

Ion Ratio Lower Upper

83 100

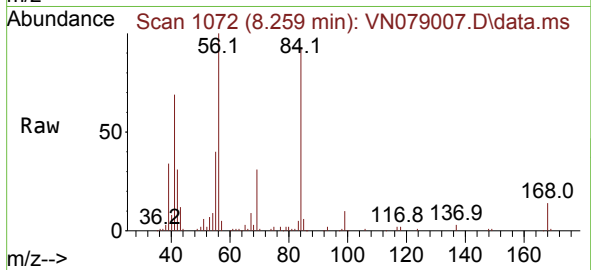
85 64.7 55.4 83.0



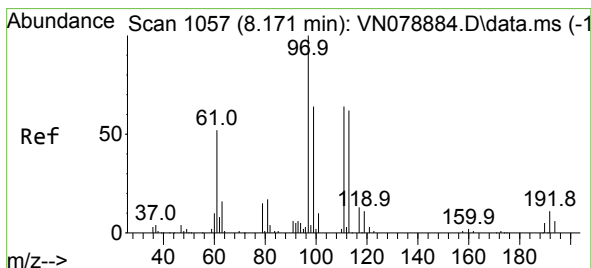
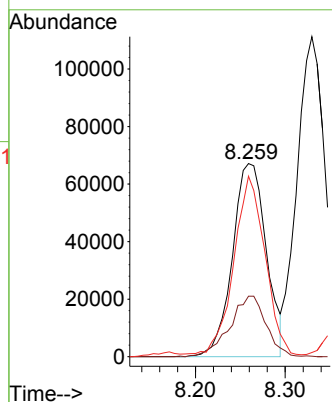
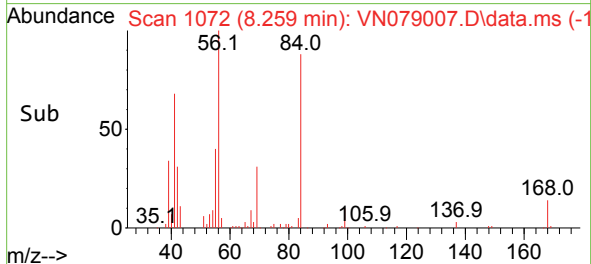


#31
Cyclohexane
Concen: 45.842 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

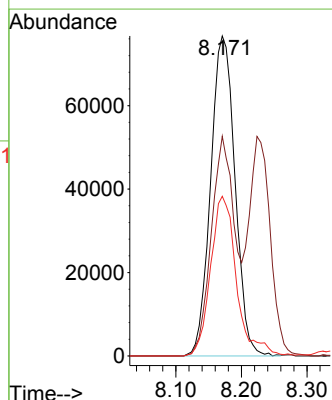
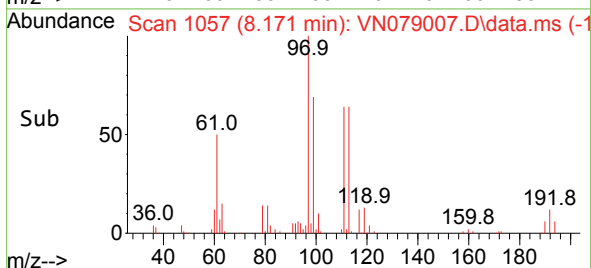
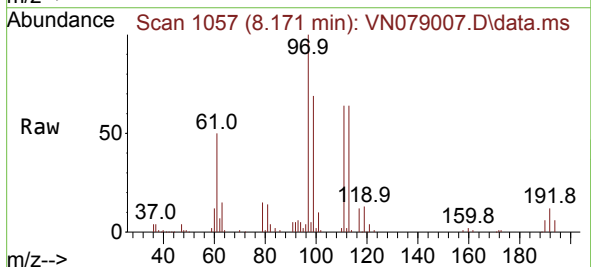


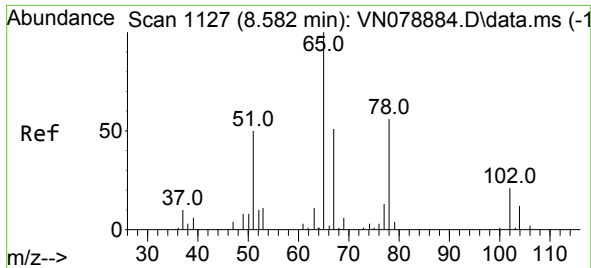
Tgt Ion: 56 Resp: 175952
Ion Ratio Lower Upper
56 100
69 31.0 26.8 40.2
84 92.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 47.770 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 97 Resp: 197803
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 53.1 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 46.968 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

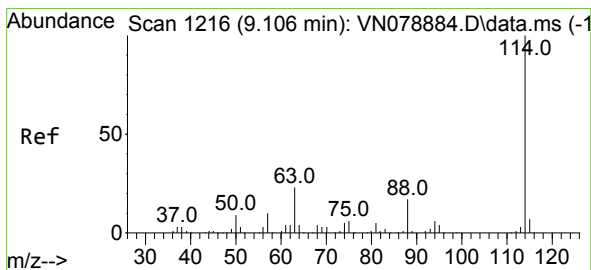
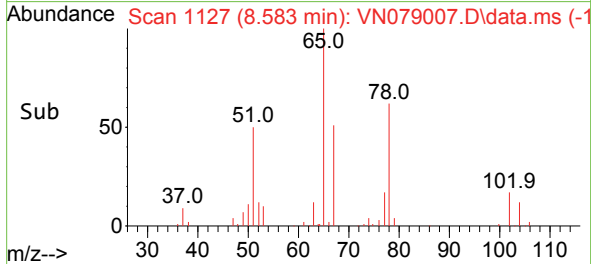
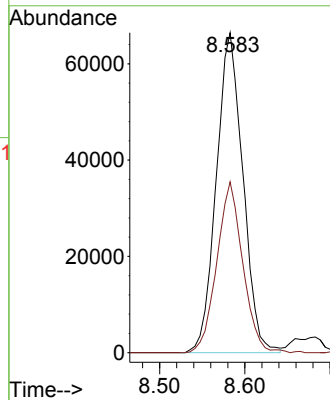
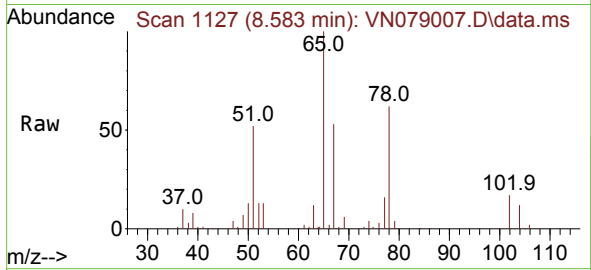
ClientSampleId :

Tgt Ion: 65 Resp: 143865

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

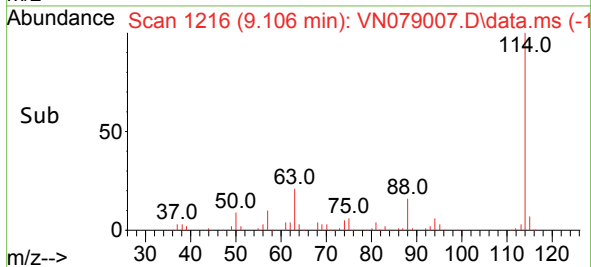
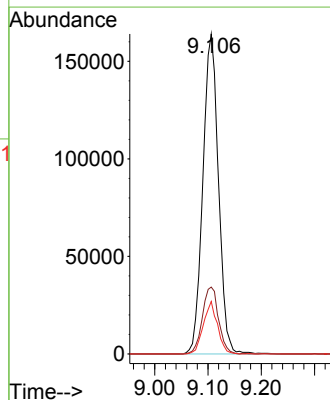
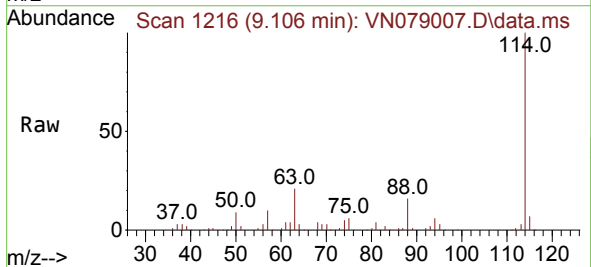
Tgt Ion: 114 Resp: 333497

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.445 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

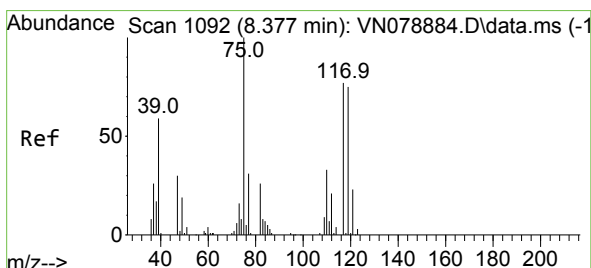
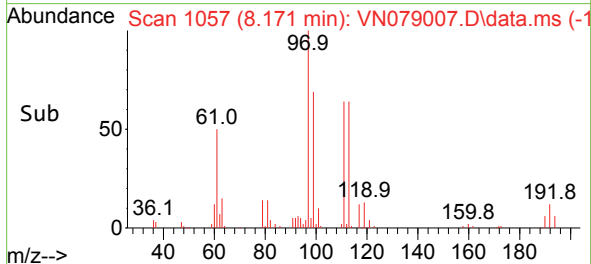
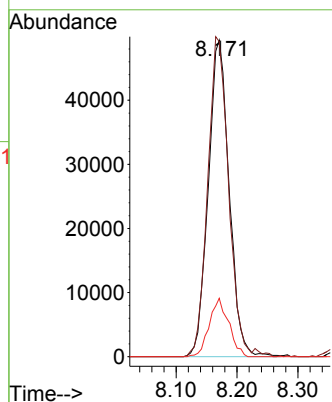
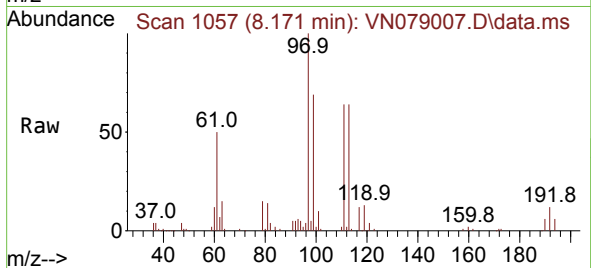
Tgt Ion:113 Resp: 117736

Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

192 17.2 12.7 19.1



#36

1,1-Dichloropropene

Concen: 51.520 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

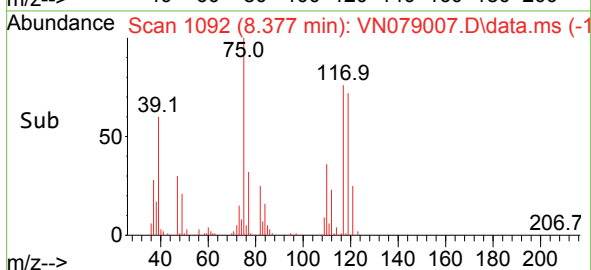
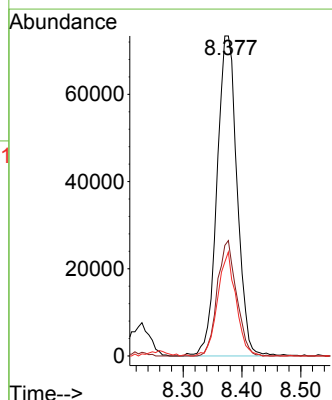
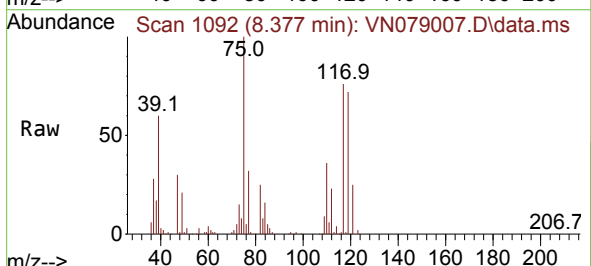
Tgt Ion: 75 Resp: 173981

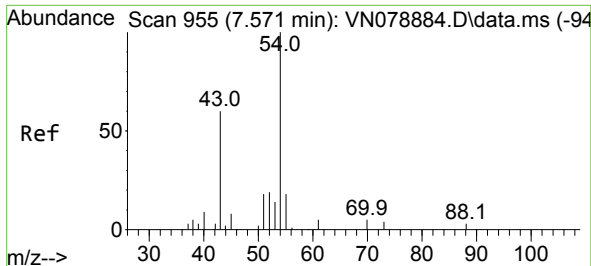
Ion Ratio Lower Upper

75 100

110 34.6 19.1 57.3

77 29.8 25.0 37.4

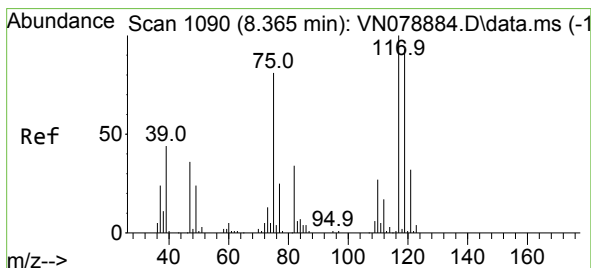
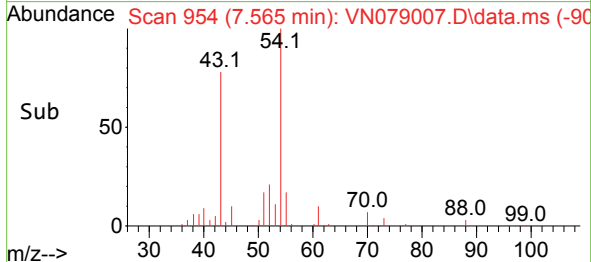
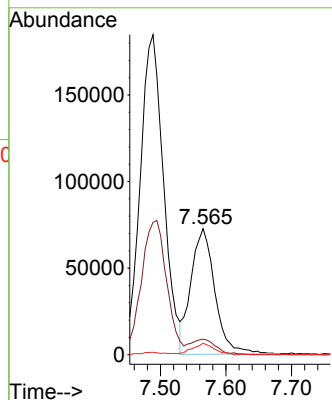
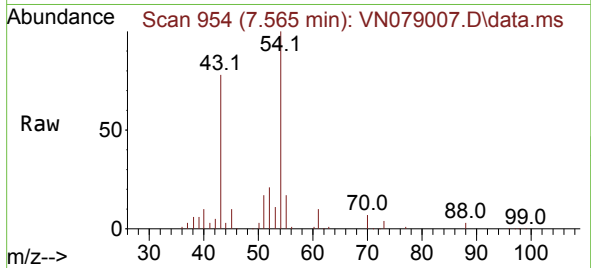




#37
Ethyl Acetate
Concen: 48.773 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

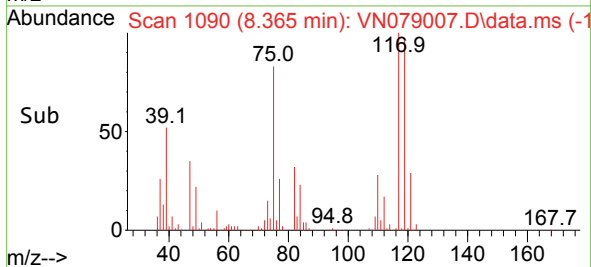
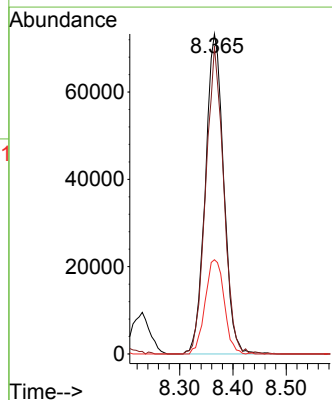
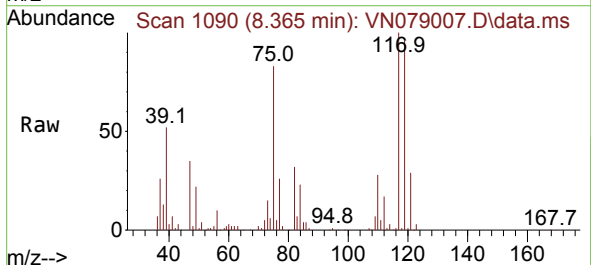
Instrument :
MSVOA_N
ClientSampleId :

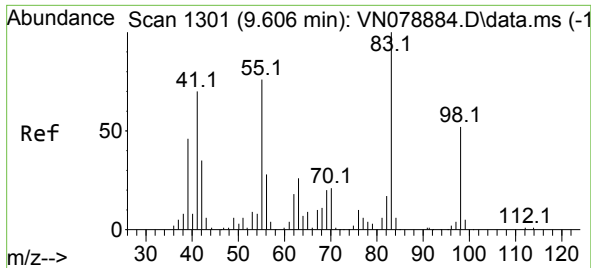
Tgt Ion: 43 Resp: 184279
Ion Ratio Lower Upper
43 100
61 12.1 13.2 19.8#
70 8.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 51.908 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:117 Resp: 175638
Ion Ratio Lower Upper
117 100
119 96.2 77.3 115.9
121 29.5 23.3 34.9

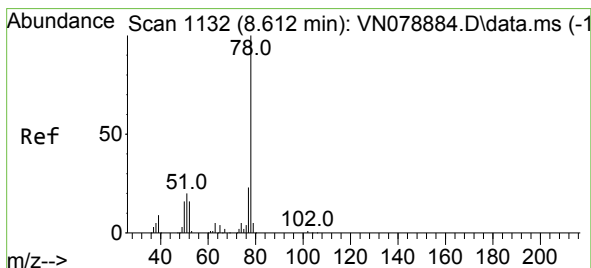
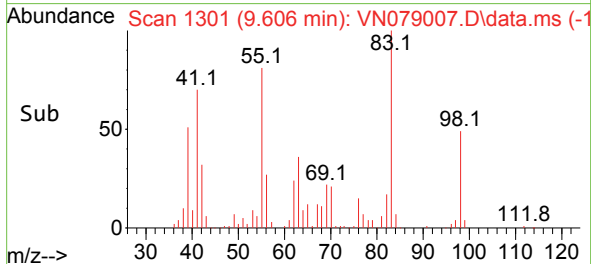
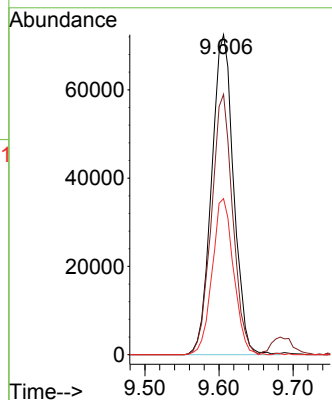
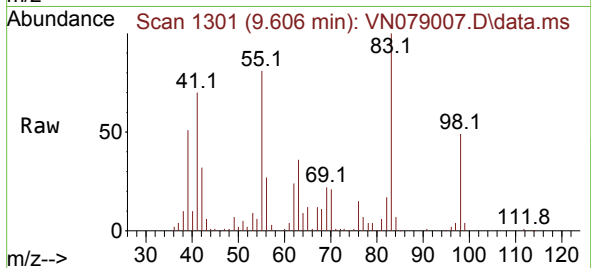




#39
Methylcyclohexane
Concen: 48.270 ug/l
RT: 9.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

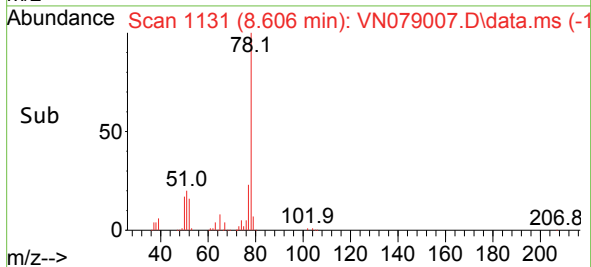
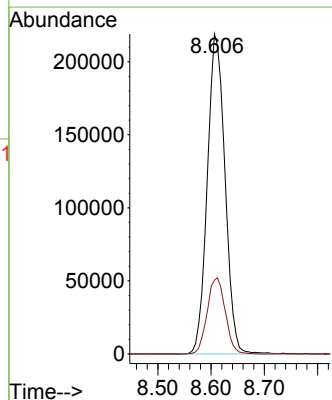
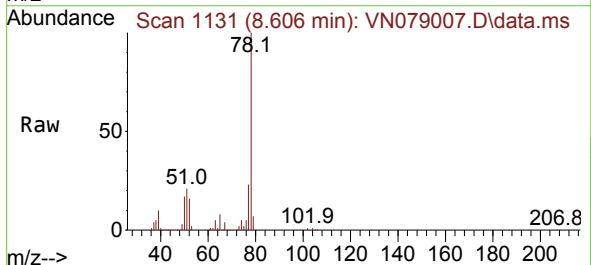
Instrument :
MSVOA_N
ClientSampleId :

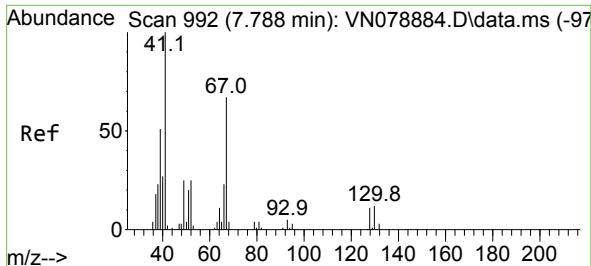
Tgt Ion: 83 Resp: 149916
Ion Ratio Lower Upper
83 100
55 81.3 49.1 73.7#
98 48.7 40.6 61.0



#40
Benzene
Concen: 50.703 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

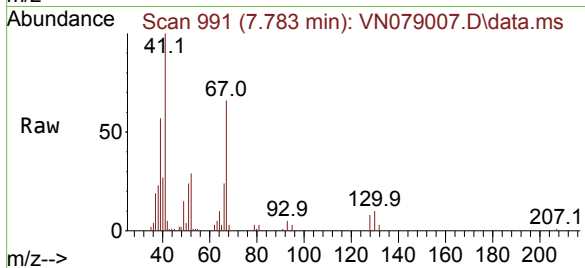
Tgt Ion: 78 Resp: 506091
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



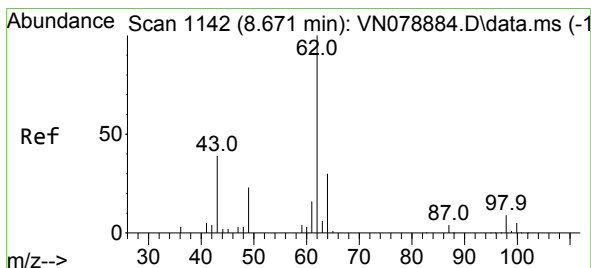
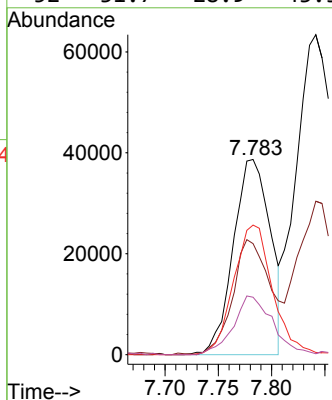
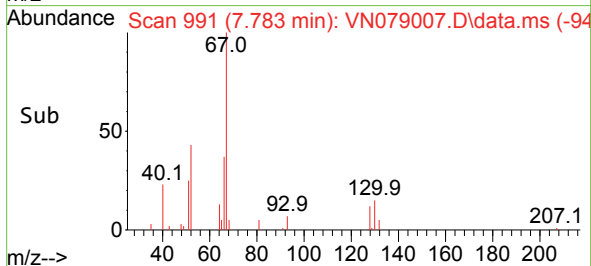


#41
Methacrylonitrile
Concen: 45.550 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

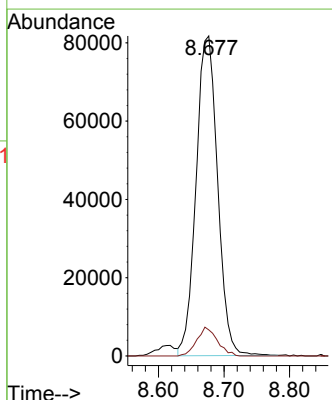
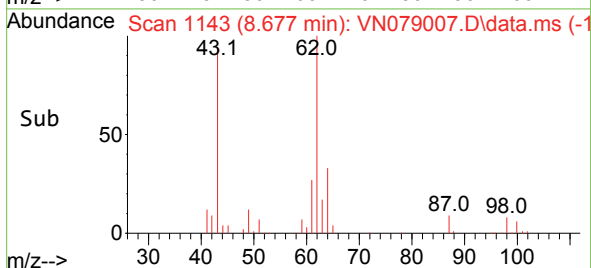
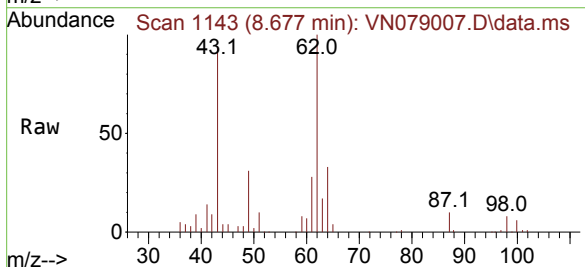


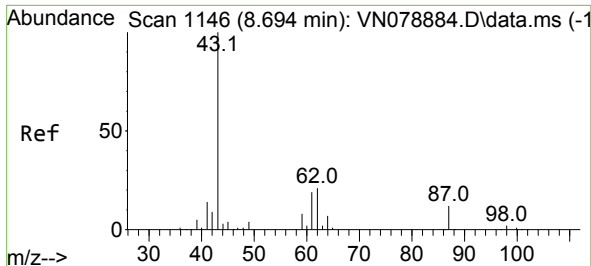
Tgt Ion:	41	Resp:	93732
Ion Ratio	Lower	Upper	
41	100		
39	61.7	42.6	64.0
67	70.1	77.5	116.3#
52	31.7	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.012 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:	62	Resp:	186499
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	19.8

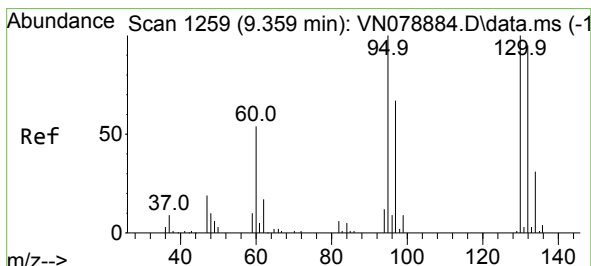
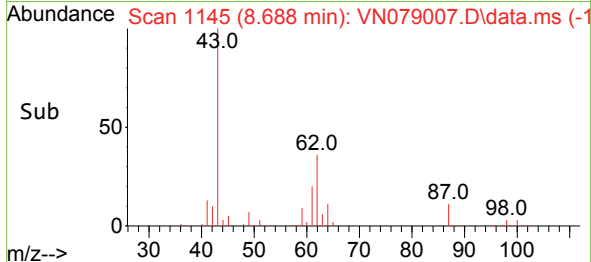
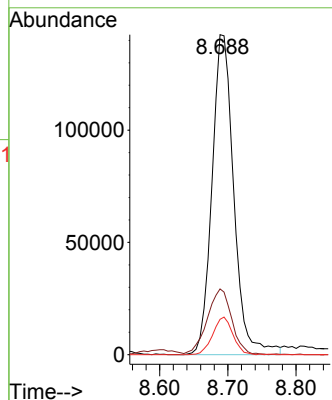
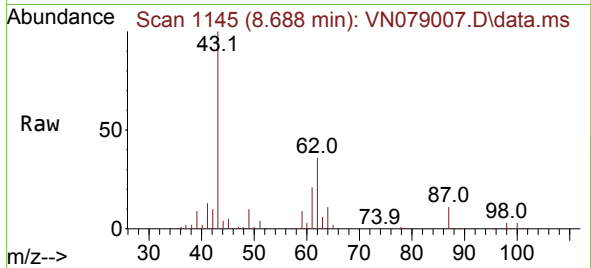




#43
Isopropyl Acetate
Concen: 47.614 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

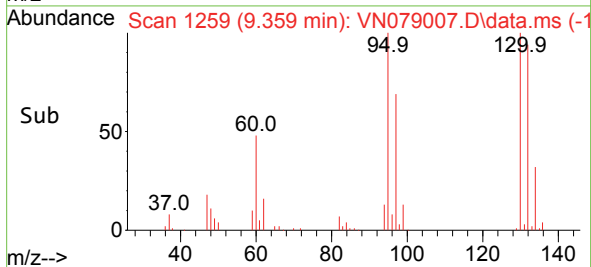
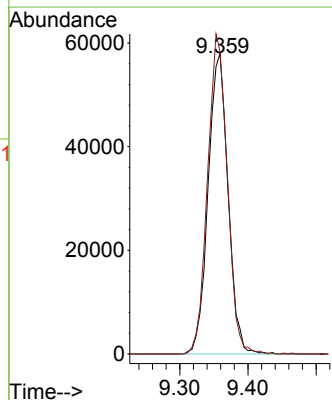
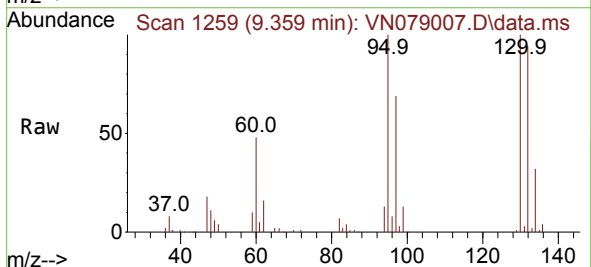
Instrument :
MSVOA_N
ClientSampleId :

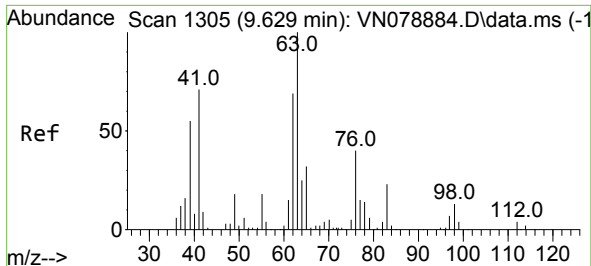
Tgt Ion: 43 Resp: 317974
Ion Ratio Lower Upper
43 100
61 23.0 24.7 37.1#
87 10.8 14.6 21.8#



#44
Trichloroethene
Concen: 49.688 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:130 Resp: 117844
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.6

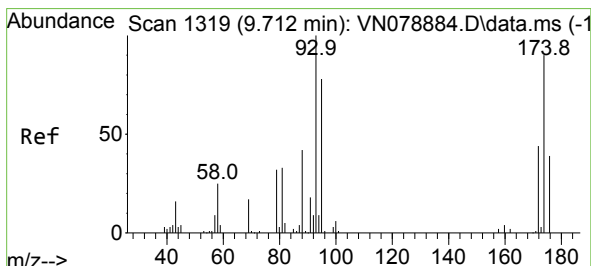
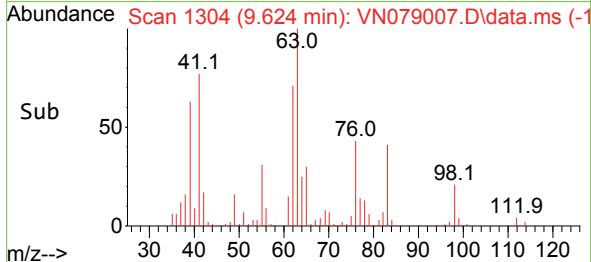
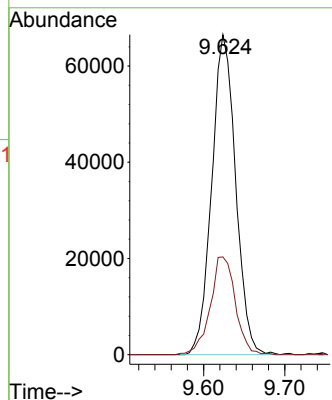
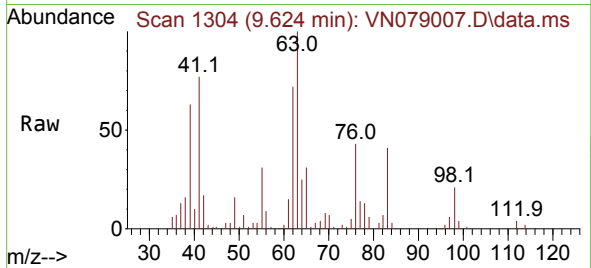




#45
1,2-Dichloropropane
Concen: 51.138 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

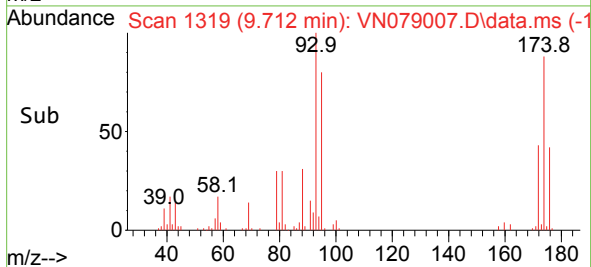
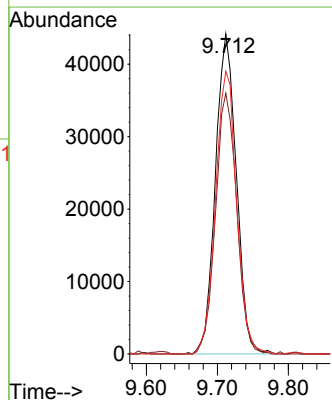
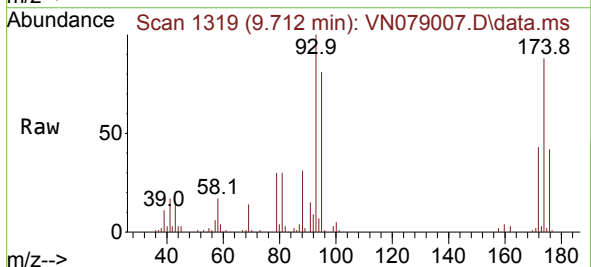
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 135901
Ion Ratio Lower Upper
63 100
65 30.6 23.9 35.9



#46
Dibromomethane
Concen: 49.574 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 93 Resp: 90363
Ion Ratio Lower Upper
93 100
95 82.1 63.8 95.8
174 89.2 65.6 98.4

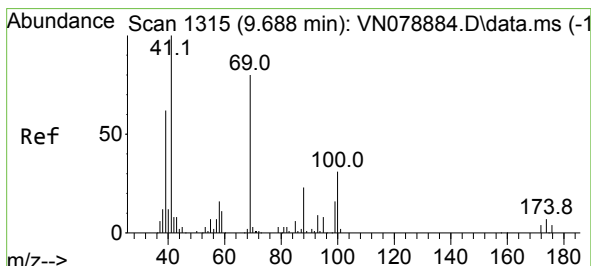
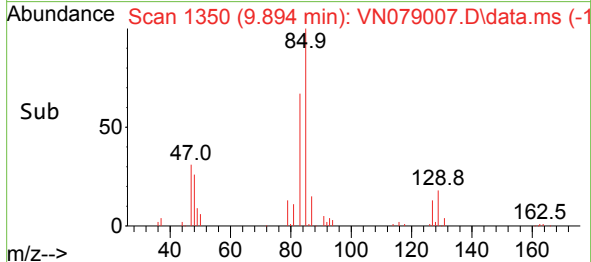
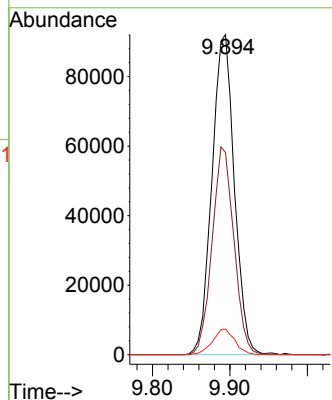
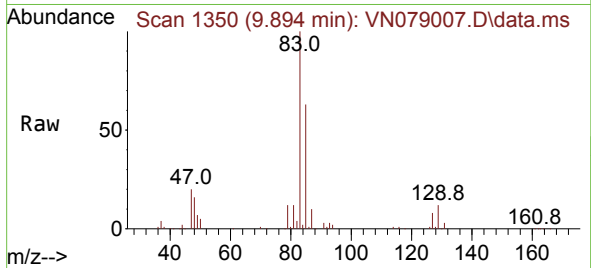




#47
Bromodichloromethane
Concen: 51.512 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

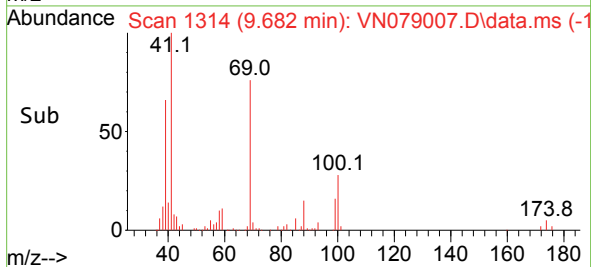
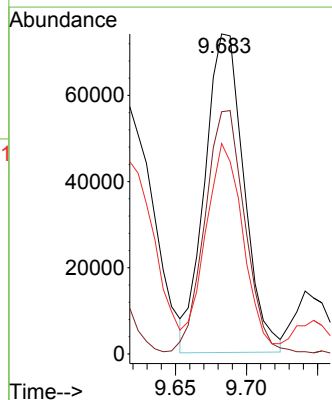
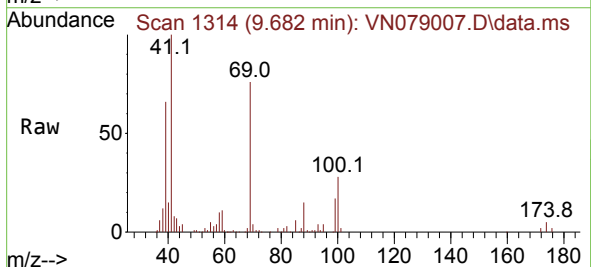
Instrument :
MSVOA_N
ClientSampleId :

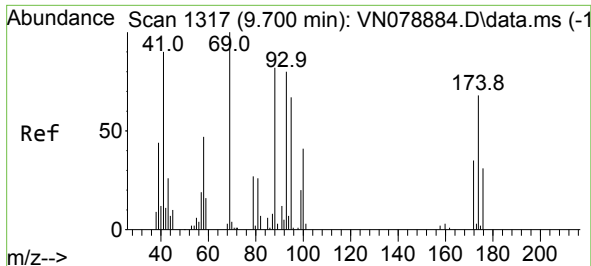
Tgt Ion: 83 Resp: 185408
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 46.843 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 41 Resp: 141756
Ion Ratio Lower Upper
41 100
69 78.1 90.4 135.6#
39 64.5 54.6 81.8





#49

1,4-Dioxane

Concen: 906.680 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

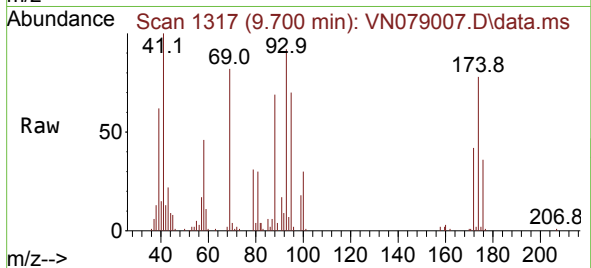
Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :



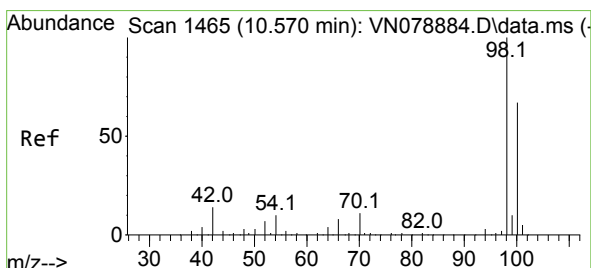
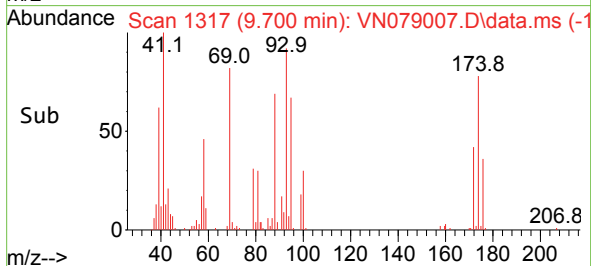
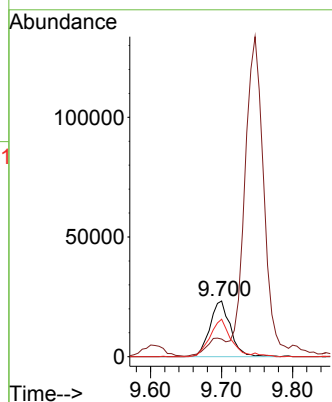
Tgt Ion: 88 Resp: 46735

Ion Ratio Lower Upper

88 100

43 30.0 17.0 25.6#

58 67.2 47.0 70.4



#50

Toluene-d8

Concen: 50.614 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079007.D

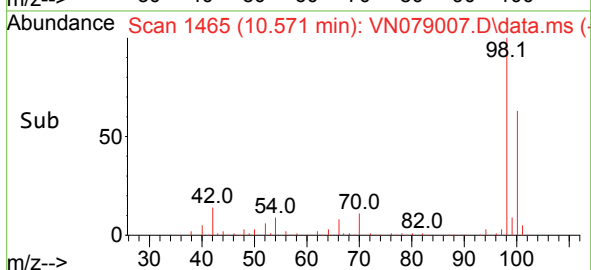
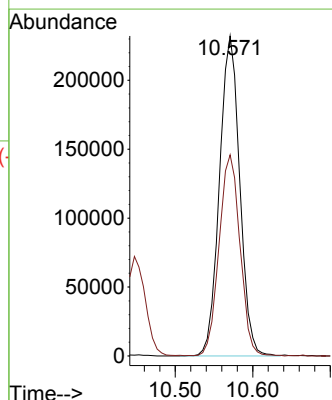
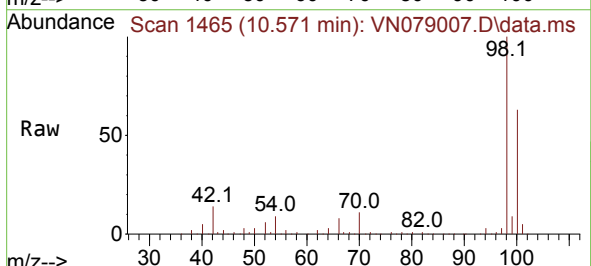
Acq: 23 Aug 2023 10:32

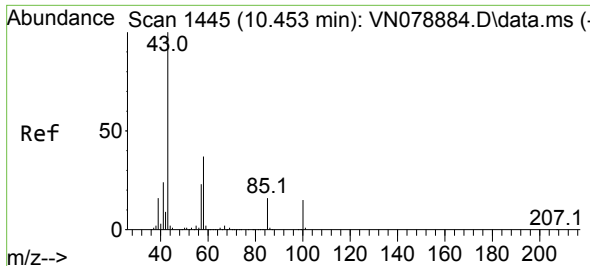
Tgt Ion: 98 Resp: 421899

Ion Ratio Lower Upper

98 100

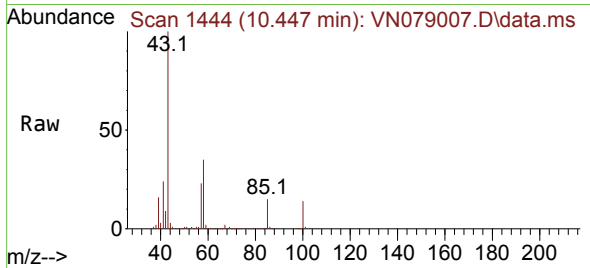
100 64.8 52.0 78.0



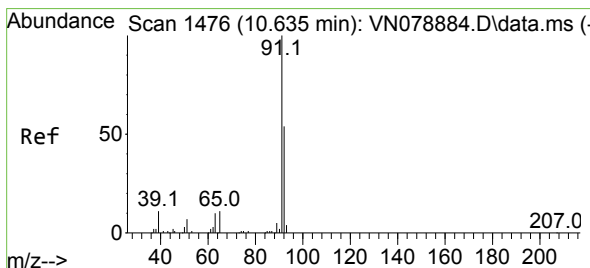
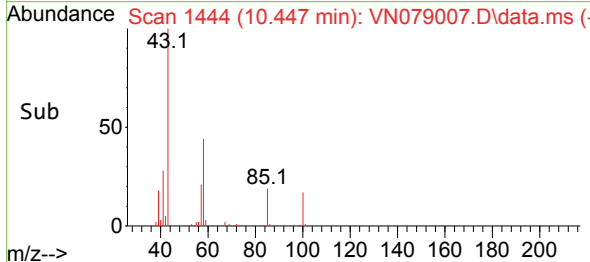
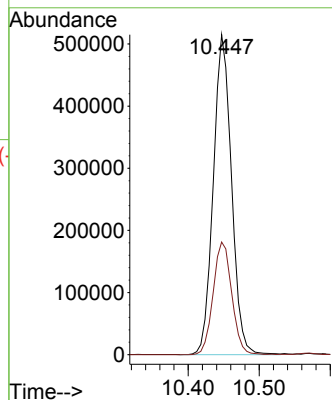


#51
4-Methyl-2-Pentanone
Concen: 231.200 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

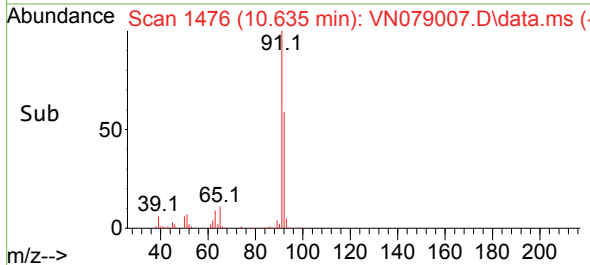
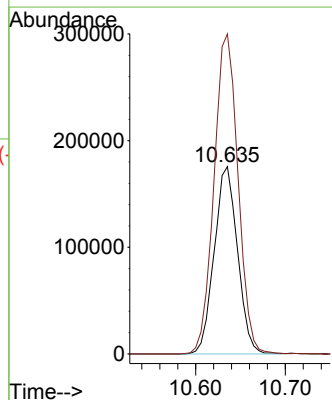
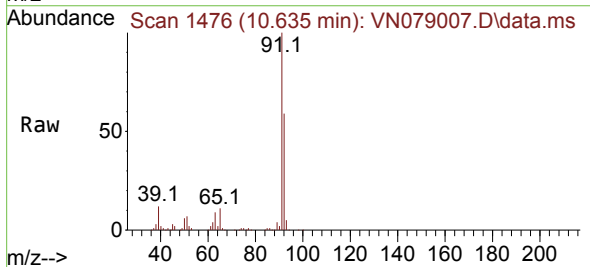


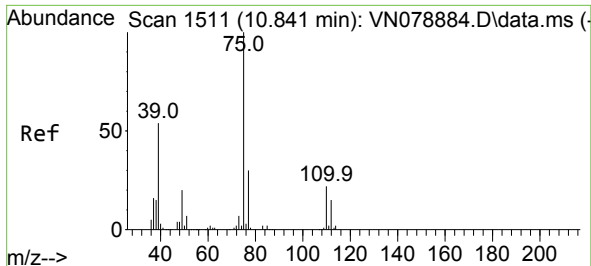
Tgt Ion: 43 Resp: 915744
Ion Ratio Lower Upper
43 100
58 35.9 36.6 54.8#



#52
Toluene
Concen: 51.685 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 92 Resp: 316742
Ion Ratio Lower Upper
92 100
91 175.9 137.4 206.0

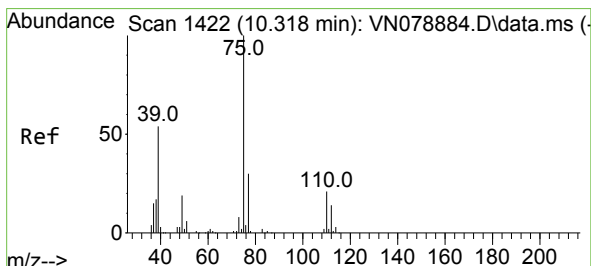
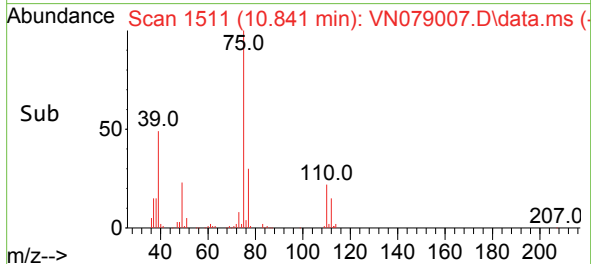
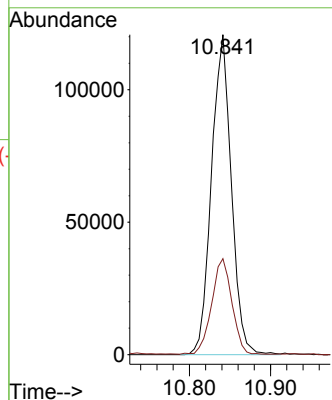
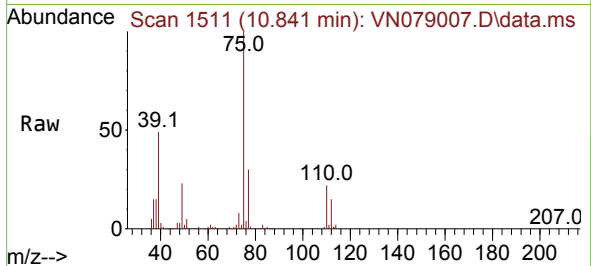




#53
 t-1,3-Dichloropropene
 Concen: 53.236 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

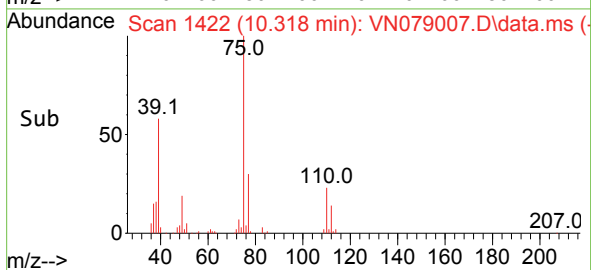
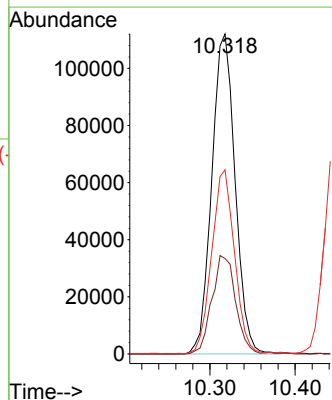
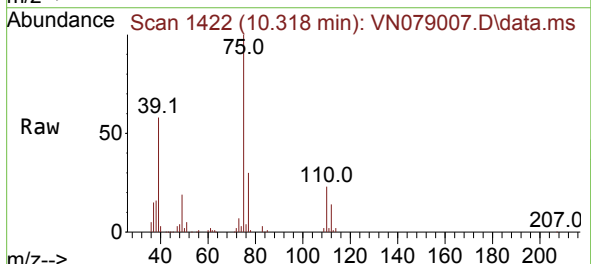
Instrument :
 MSVOA_N
 ClientSampleId :

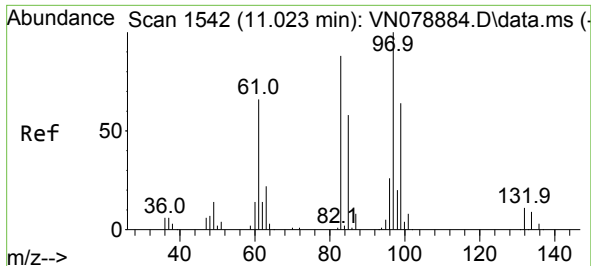
Tgt Ion: 75 Resp: 205487
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.689 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

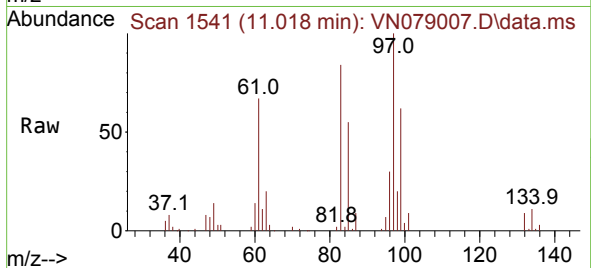
Tgt Ion: 75 Resp: 213089
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.1 39.1
 39 57.4 31.6 47.4#





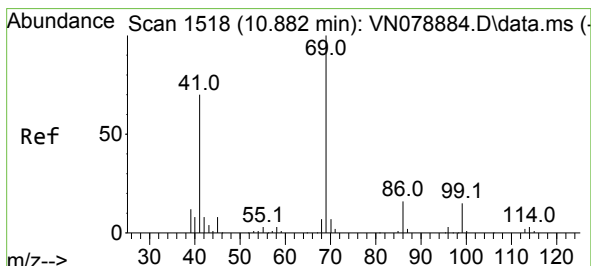
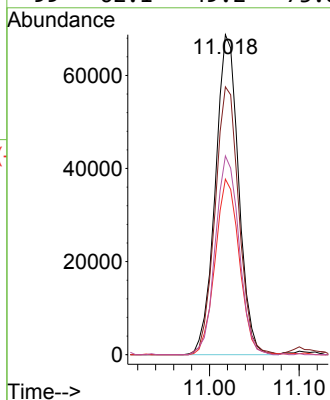
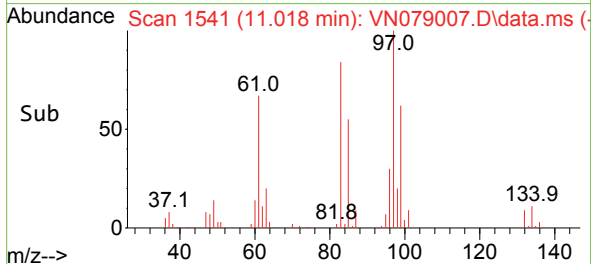
#55
1,1,2-Trichloroethane
Concen: 50.465 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 124003

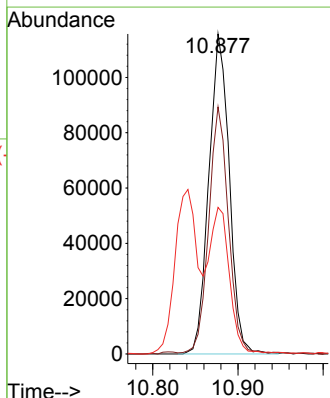
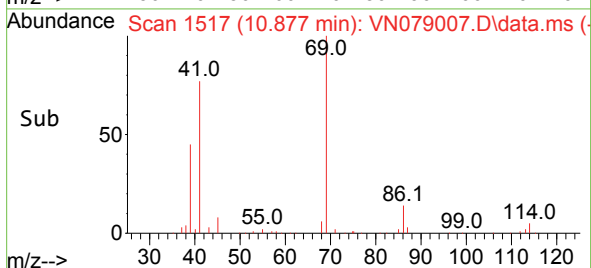
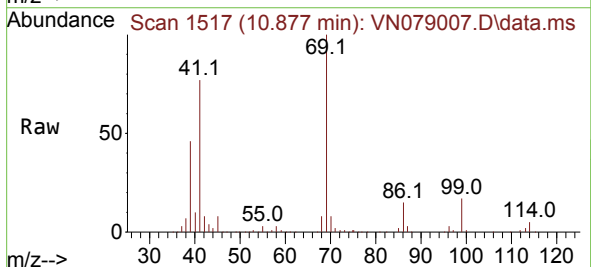
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.1	97.7
85	54.8	43.4	65.2
99	62.1	49.2	73.8

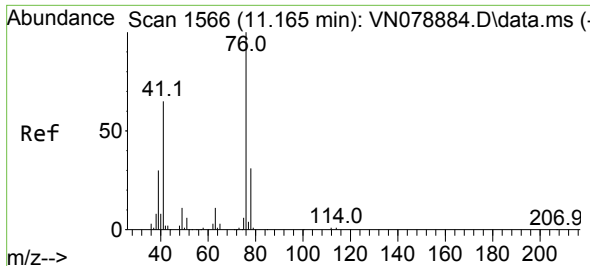


#56
Ethyl methacrylate
Concen: 50.605 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 69 Resp: 192755

Ion	Ratio	Lower	Upper
69	100		
41	73.7	39.6	59.4#
39	44.8	28.6	43.0#





#57

1,3-Dichloropropane

Concen: 50.716 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

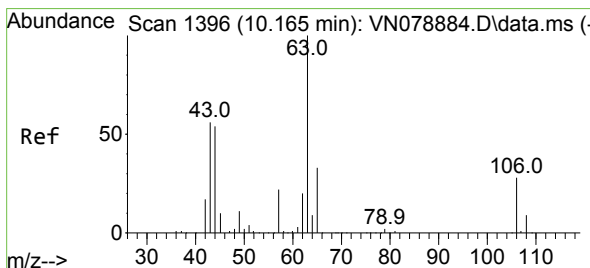
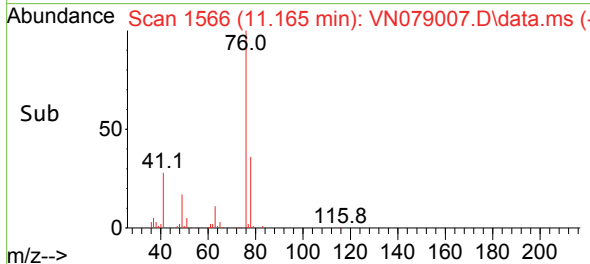
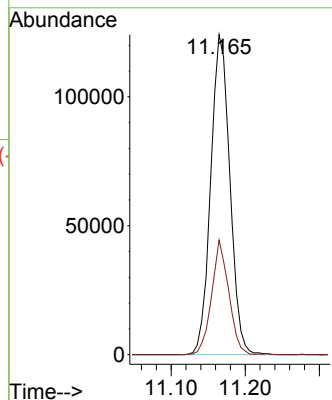
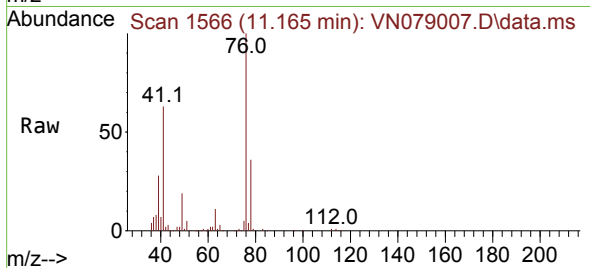
ClientSampleId :

Tgt Ion: 76 Resp: 222898

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 209.391 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079007.D

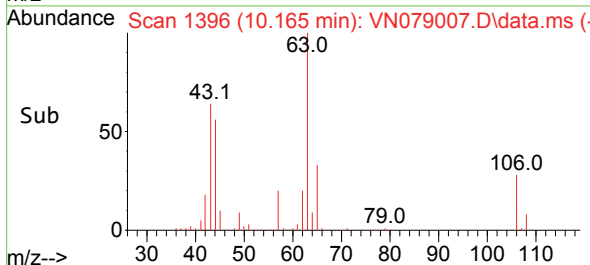
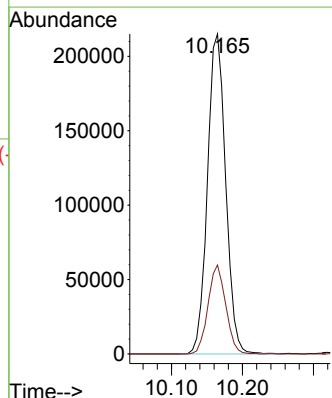
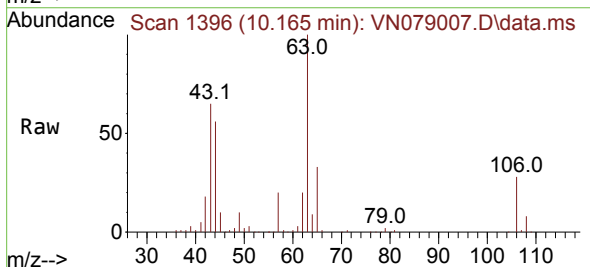
Acq: 23 Aug 2023 10:32

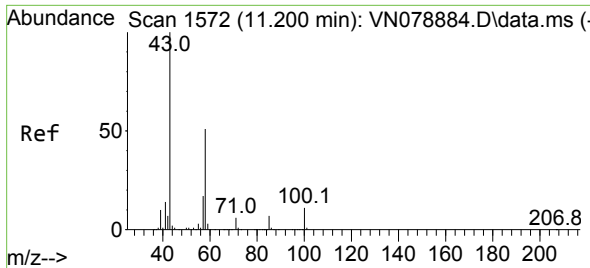
Tgt Ion: 63 Resp: 382853

Ion Ratio Lower Upper

63 100

106 27.0 26.2 39.4

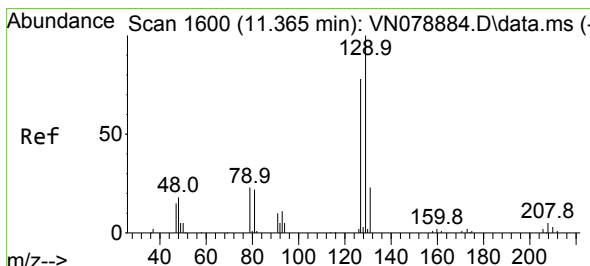
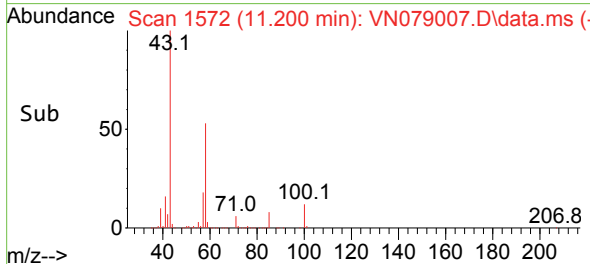
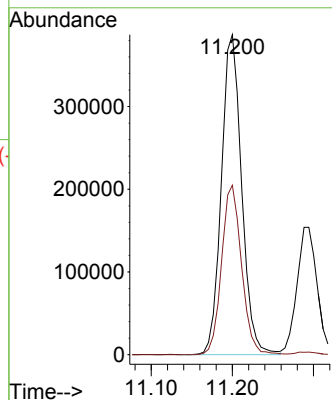
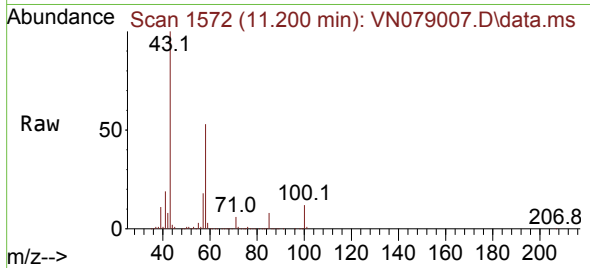




#59
2-Hexanone
Concen: 234.409 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

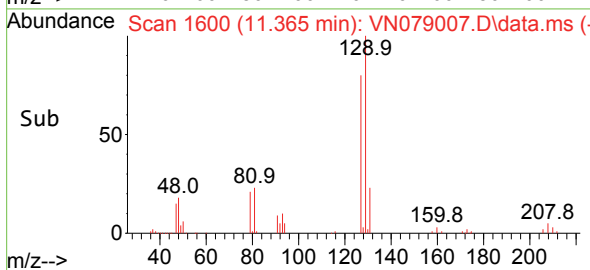
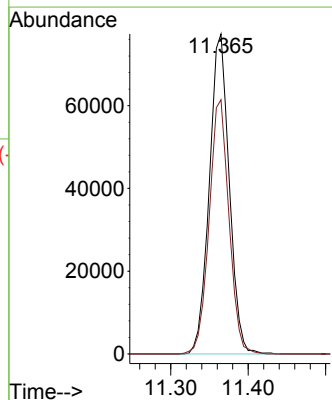
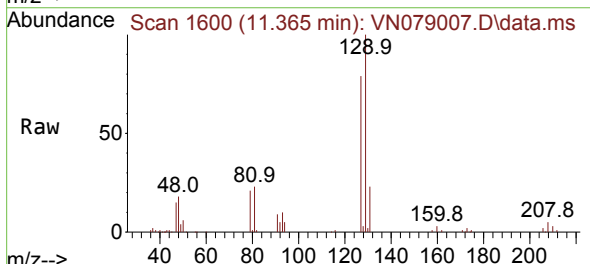
Instrument :
MSVOA_N
ClientSampleId :

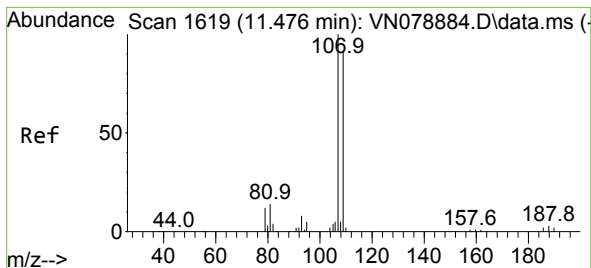
Tgt Ion: 43 Resp: 672478
Ion Ratio Lower Upper
43 100
58 52.1 31.7 95.1



#60
Dibromochloromethane
Concen: 53.244 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:129 Resp: 137674
Ion Ratio Lower Upper
129 100
127 79.1 38.6 116.0

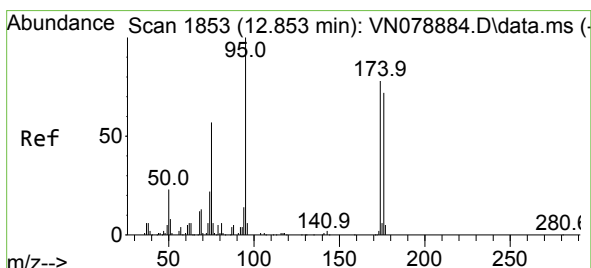
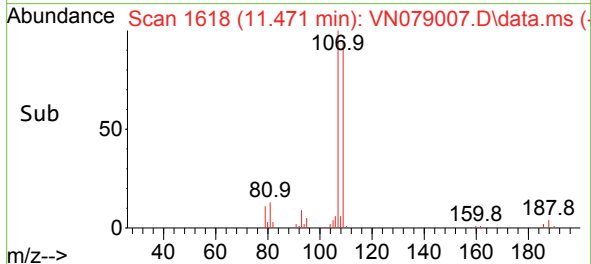
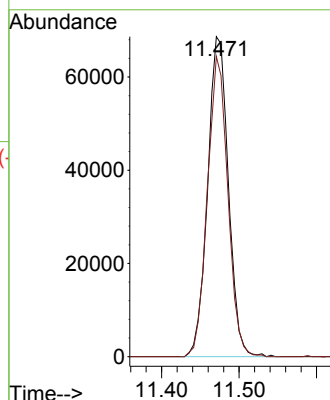
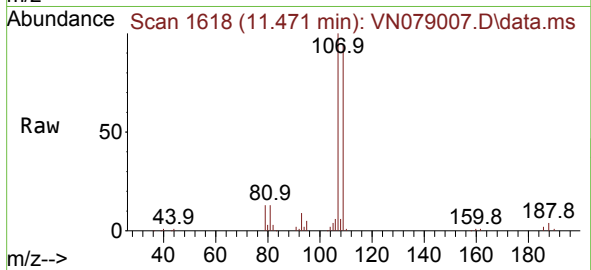




#61
1,2-Dibromoethane
Concen: 51.207 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.005 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

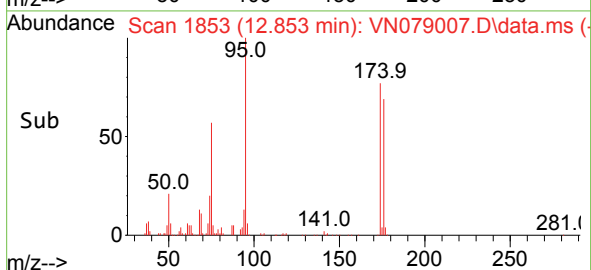
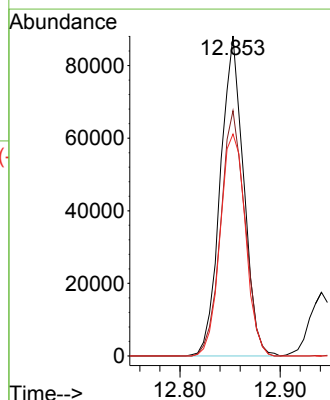
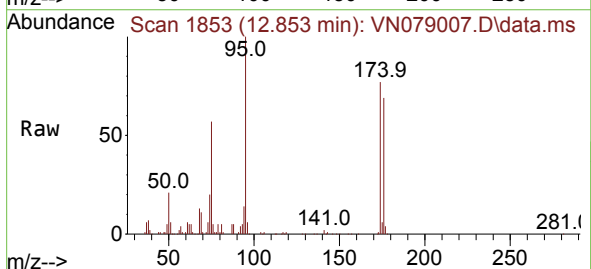
Instrument :
MSVOA_N
ClientSampleId :

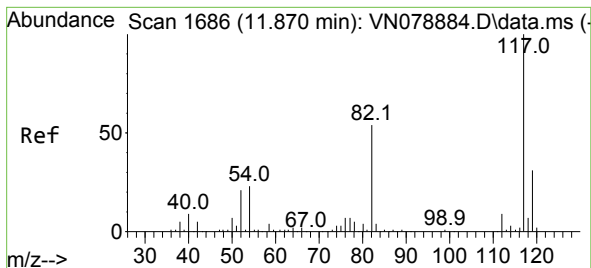
Tgt Ion:107 Resp: 127865
Ion Ratio Lower Upper
107 100
109 92.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 52.164 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 95 Resp: 142124
Ion Ratio Lower Upper
95 100
174 79.5 0.0 143.8
176 75.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

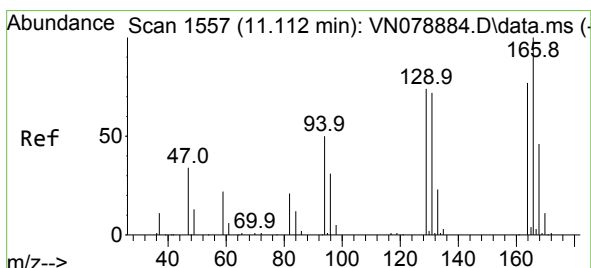
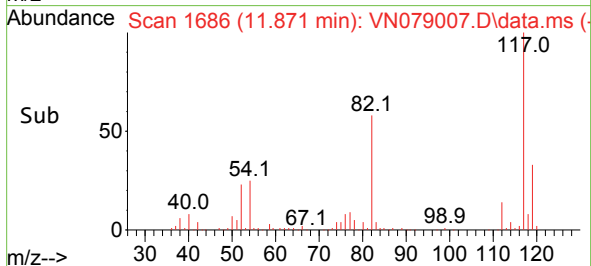
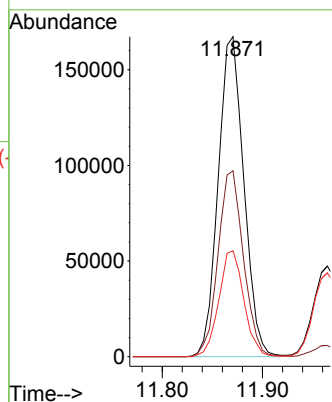
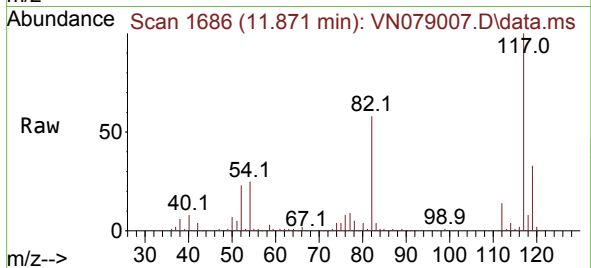
Tgt Ion:117 Resp: 297280

Ion Ratio Lower Upper

117 100

82 58.1 44.0 66.0

119 33.1 25.6 38.4



#64

Tetrachloroethene

Concen: 49.873 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Tgt Ion:164 Resp: 92979

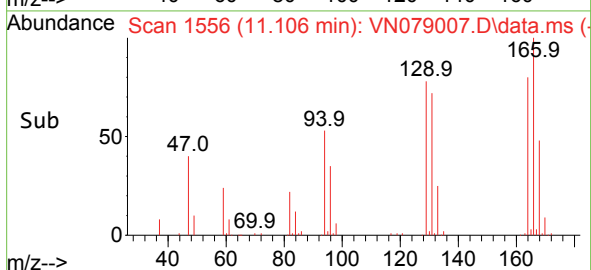
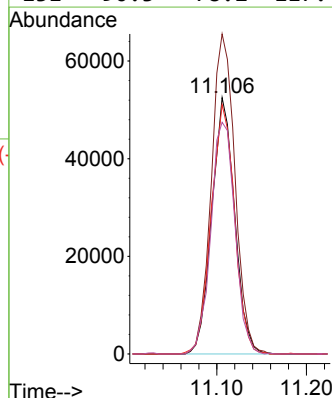
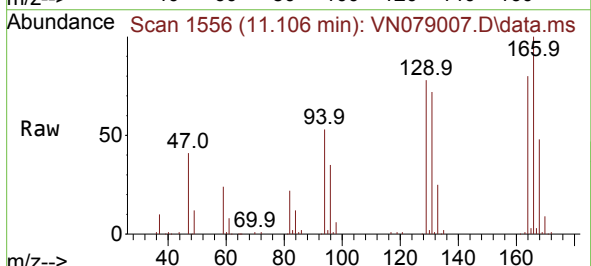
Ion Ratio Lower Upper

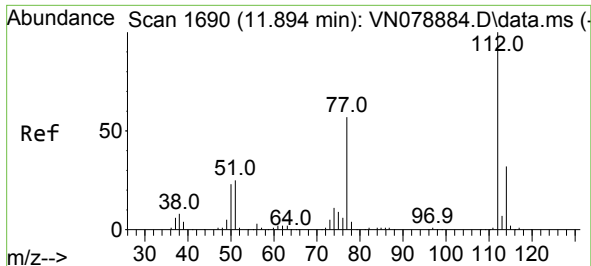
164 100

166 124.8 101.4 152.0

129 97.2 82.4 123.6

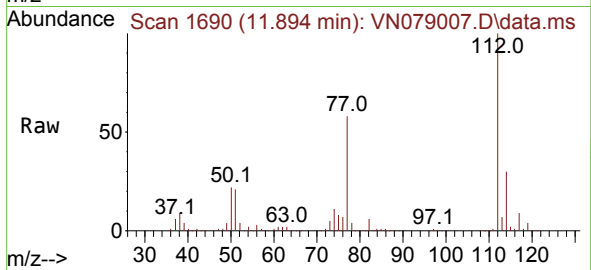
131 90.3 78.2 117.4



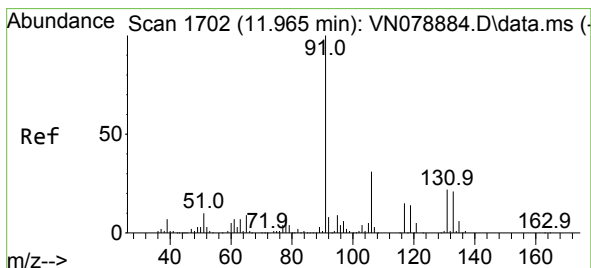
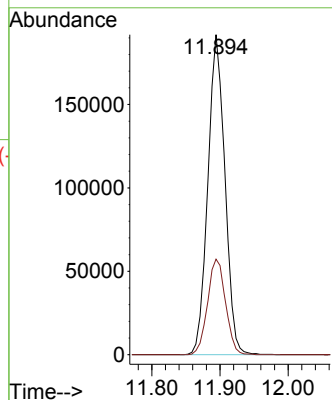
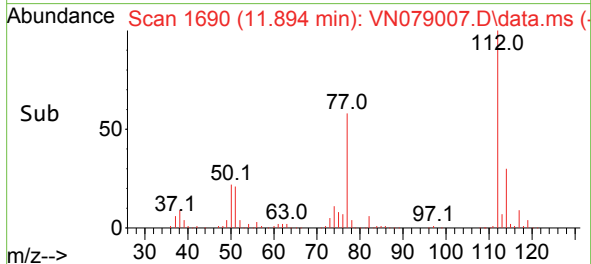


#65
Chlorobenzene
Concen: 52.766 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

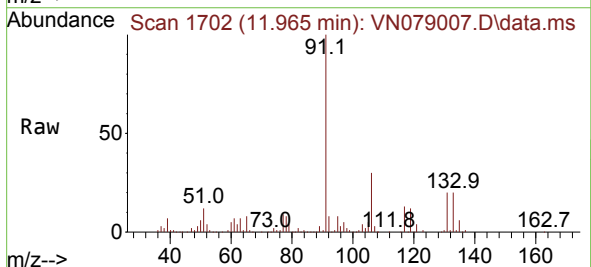
Instrument :
MSVOA_N
ClientSampleId :



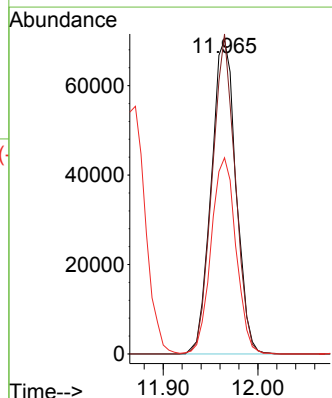
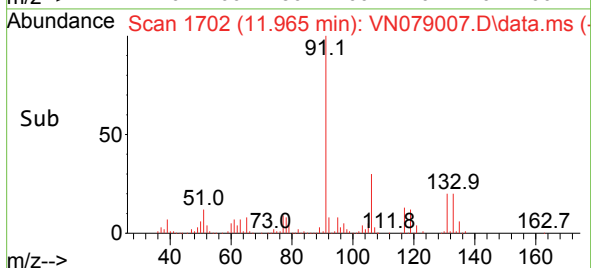
Tgt Ion:112 Resp: 333905
Ion Ratio Lower Upper
112 100
114 29.8 25.0 37.4

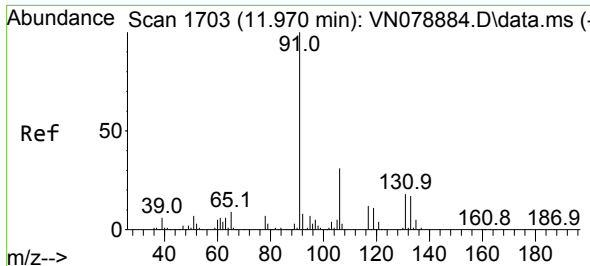


#66
1,1,1,2-Tetrachloroethane
Concen: 53.203 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32



Tgt Ion:131 Resp: 127231
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 62.9 34.1 102.2

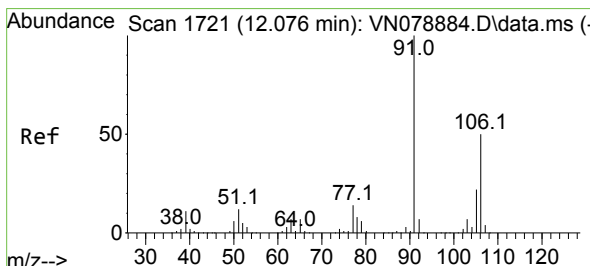
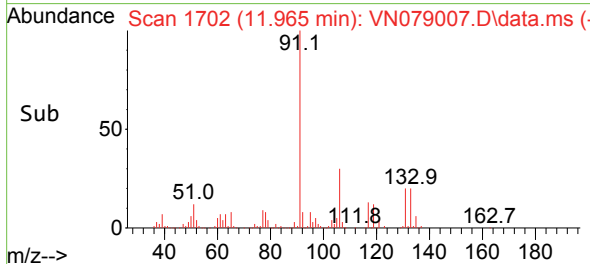
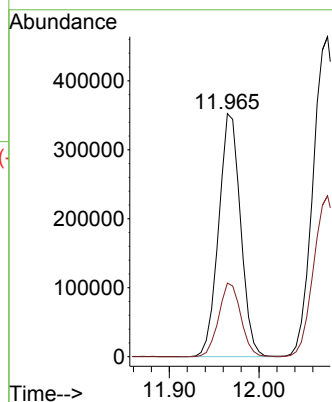
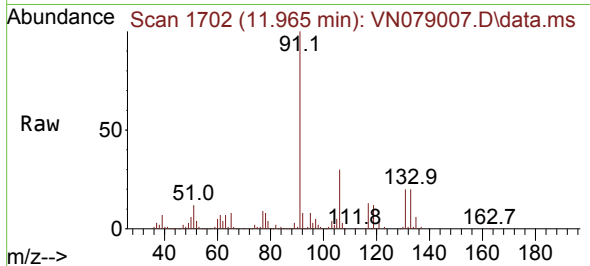




#67
Ethyl Benzene
Concen: 51.917 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

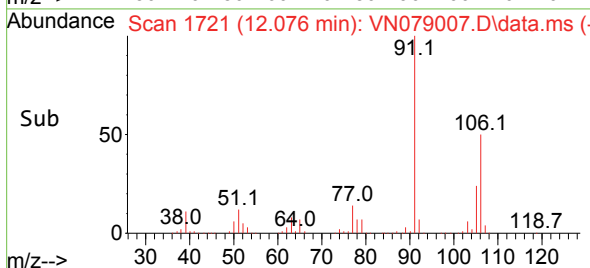
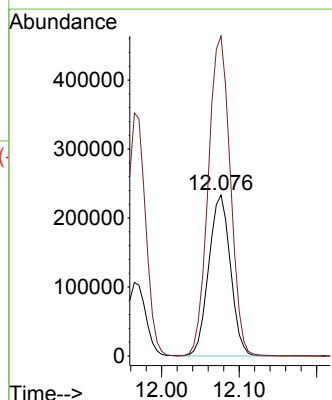
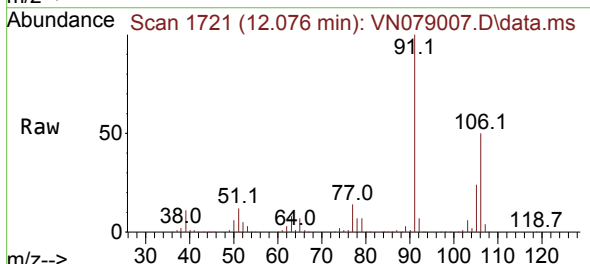
Instrument :
MSVOA_N
ClientSampleId :

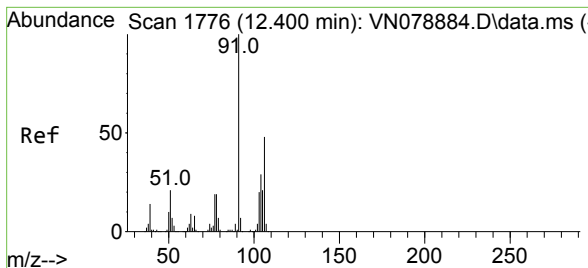
Tgt Ion: 91 Resp: 597443
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4



#68
m/p-Xylenes
Concen: 105.414 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:106 Resp: 453540
Ion Ratio Lower Upper
106 100
91 202.2 159.6 239.4

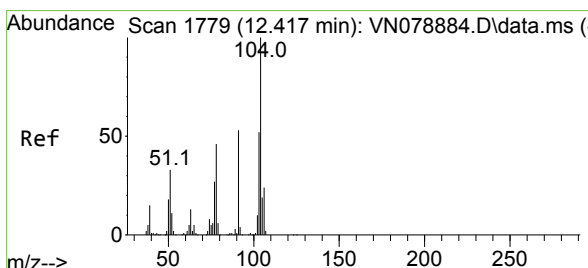
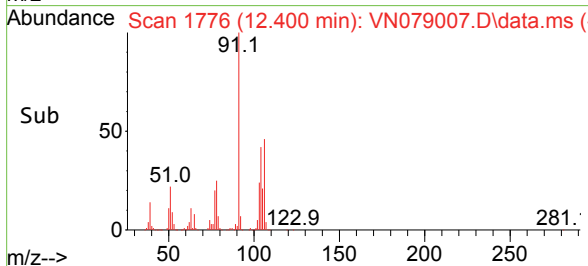
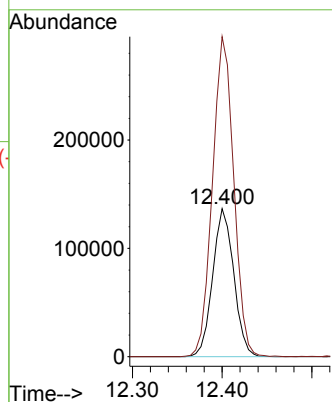
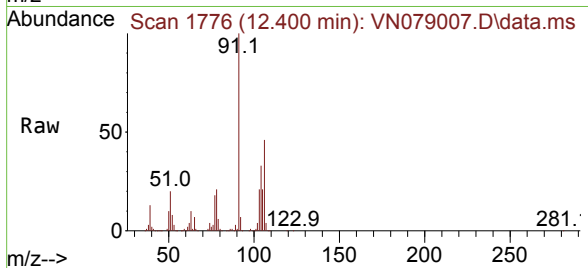




#69
o-Xylene
Concen: 53.259 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

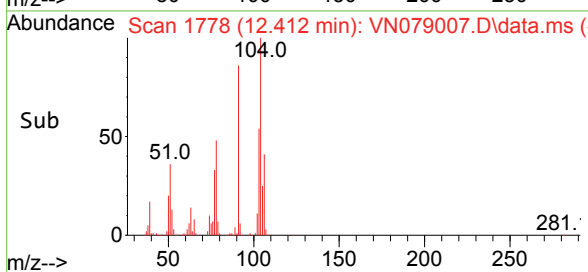
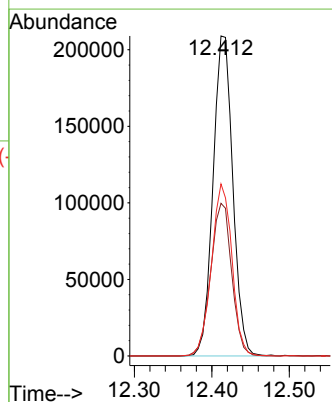
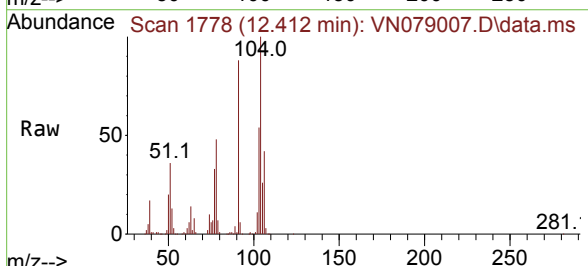
Instrument :
MSVOA_N
ClientSampleId :

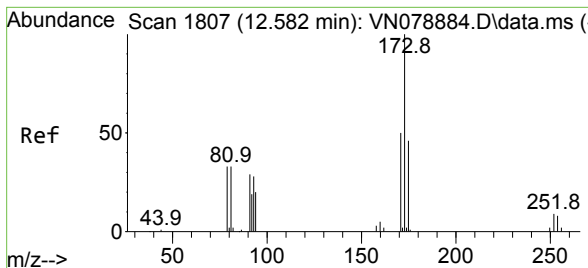
Tgt Ion:106 Resp: 222909
Ion Ratio Lower Upper
106 100
91 218.4 105.2 315.5



#70
Styrene
Concen: 53.343 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:104 Resp: 372270
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 53.477 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079007.D

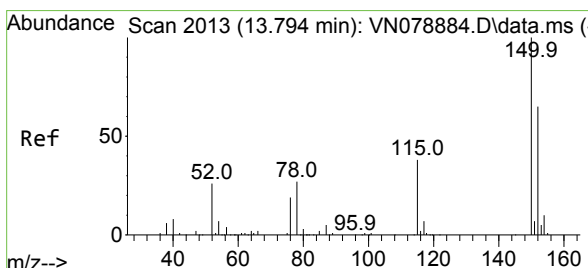
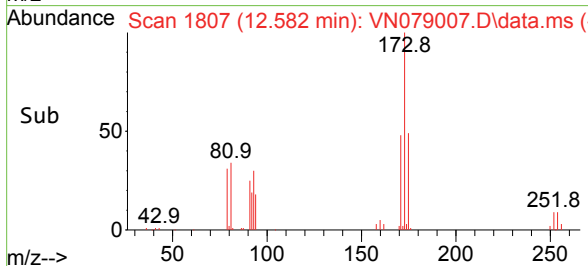
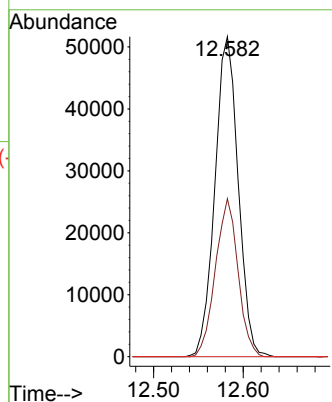
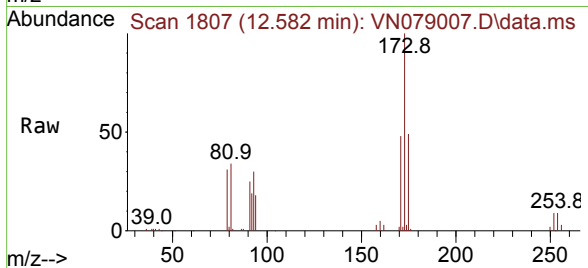
Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	92974
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.3	73.0
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

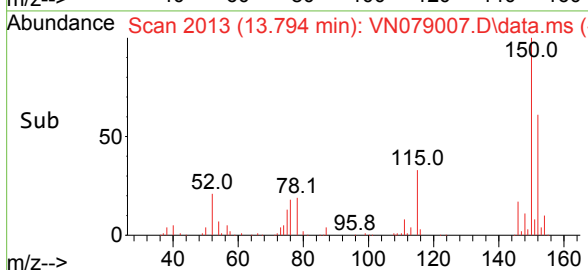
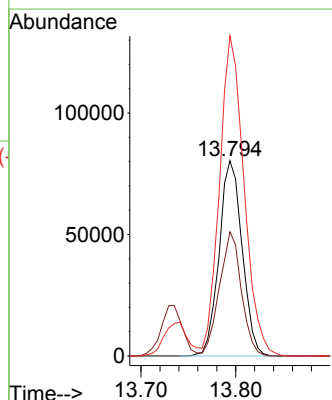
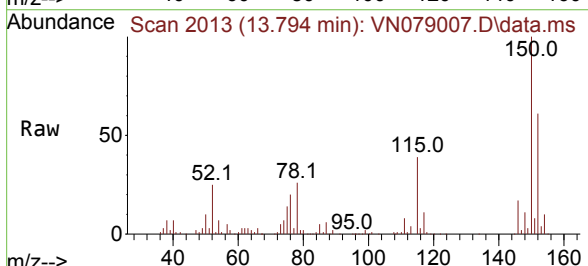
RT: 13.794 min Scan# 2013

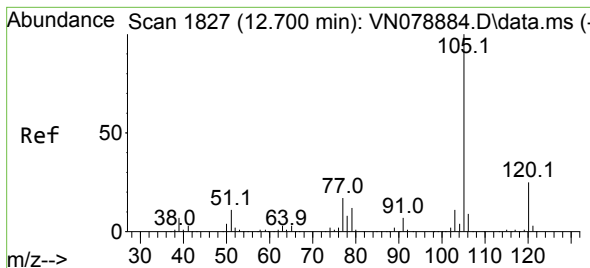
Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Tgt Ion:	152	Resp:	135634
Ion Ratio	Lower	Upper	
152	100		
115	60.4	32.3	96.8
150	174.3	0.0	355.8





#73

Isopropylbenzene

Concen: 48.220 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

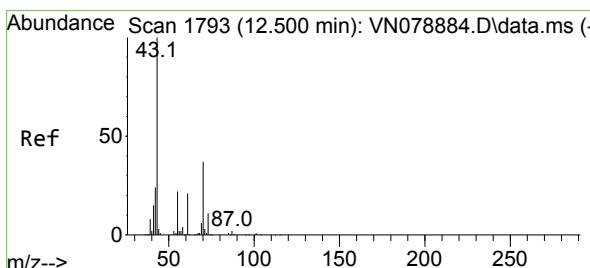
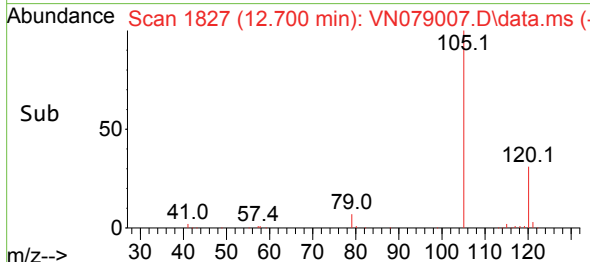
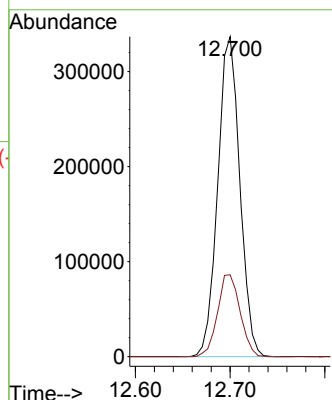
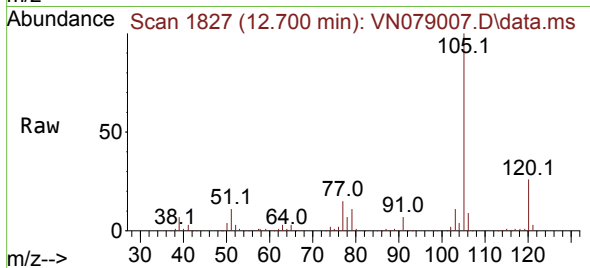
ClientSampleId :

Tgt Ion:105 Resp: 545339

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 45.640 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Tgt Ion: 43 Resp: 260537

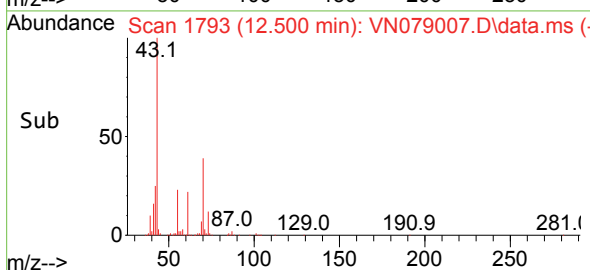
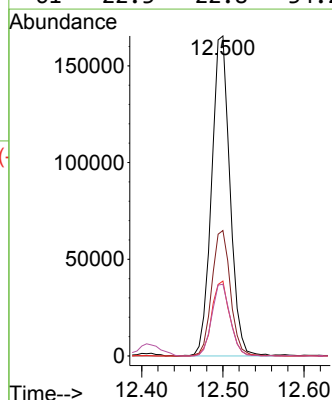
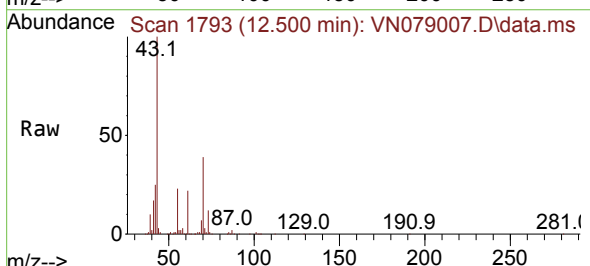
Ion Ratio Lower Upper

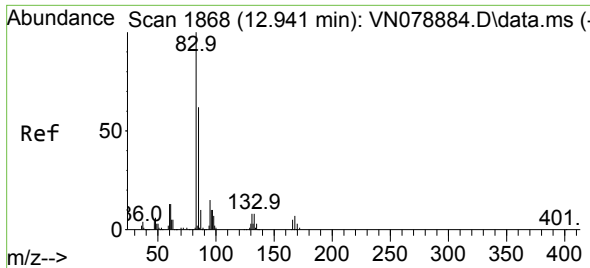
43 100

70 39.5 43.4 65.2#

55 23.2 21.4 32.0

61 22.3 22.8 34.2#

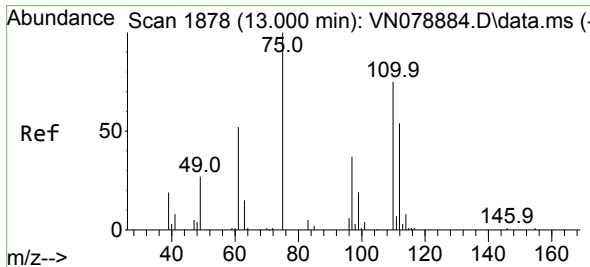
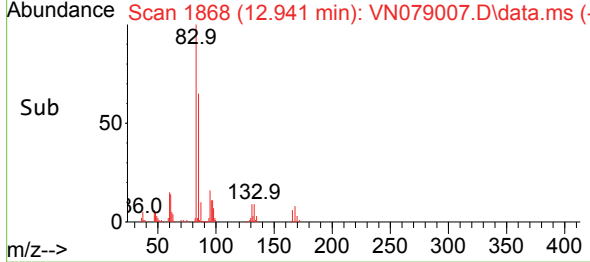
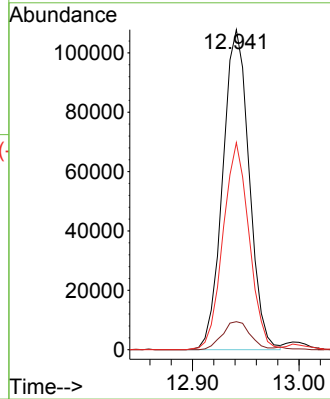
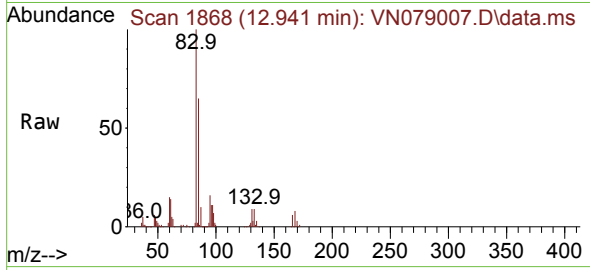




#75
1,1,2,2-Tetrachloroethane
Concen: 45.467 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

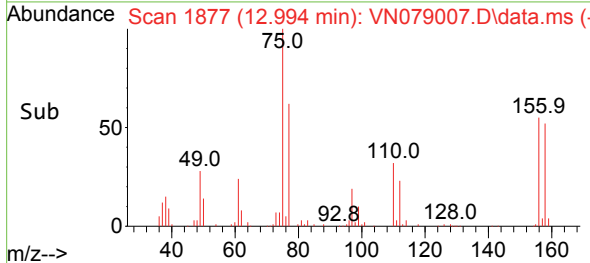
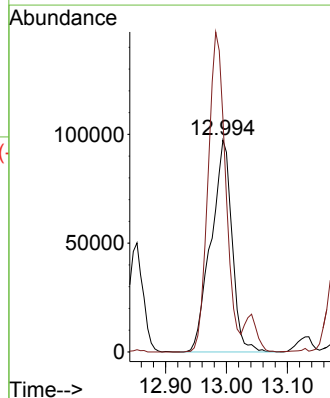
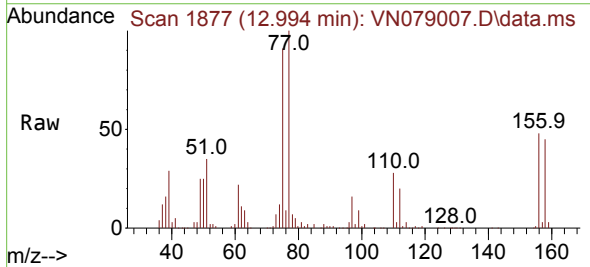
Instrument :
MSVOA_N
ClientSampleId :

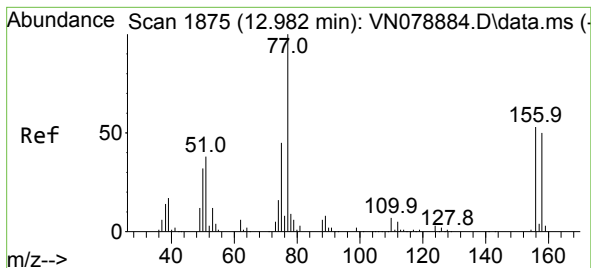
Tgt Ion: 83 Resp: 185666
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 63.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 71.389 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 75 Resp: 233309
Ion Ratio Lower Upper
75 100
77 126.0 84.5 253.5





#77

Bromobenzene

Concen: 48.613 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079007.D

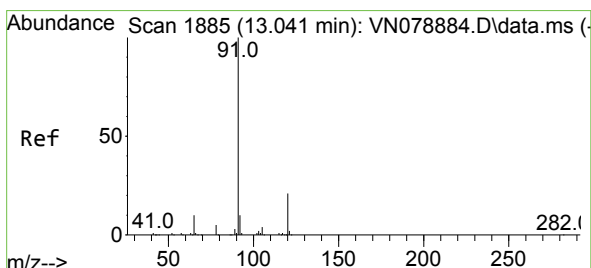
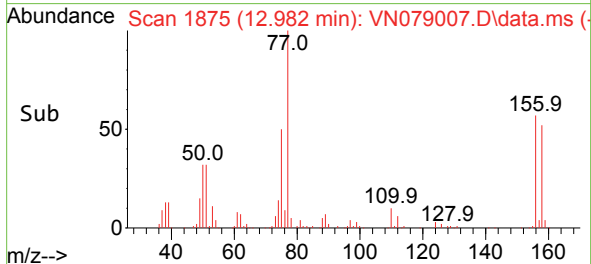
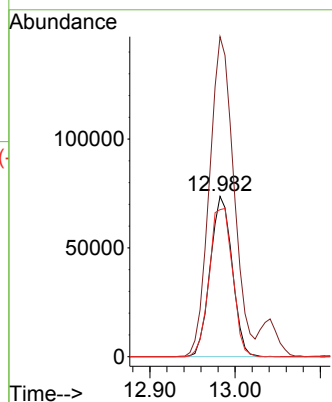
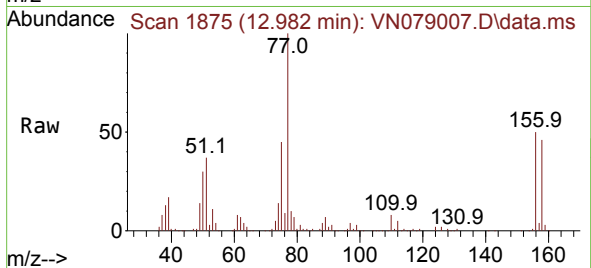
Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:156 Resp: 132152
 Ion Ratio Lower Upper
 156 100
 77 222.5 107.7 323.3
 158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 48.080 ug/l

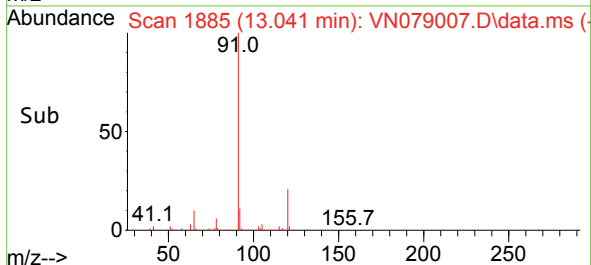
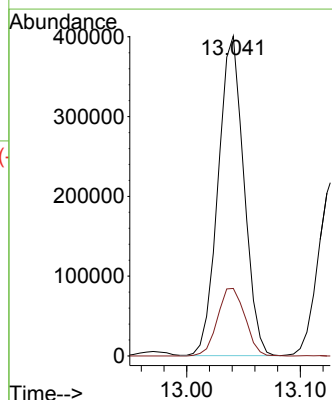
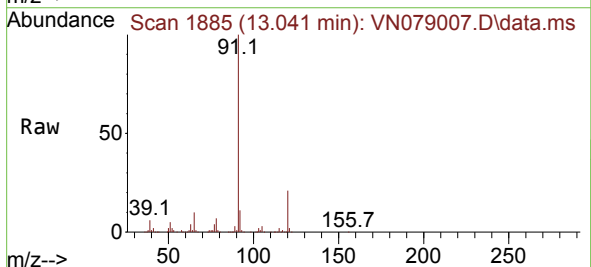
RT: 13.041 min Scan# 1885

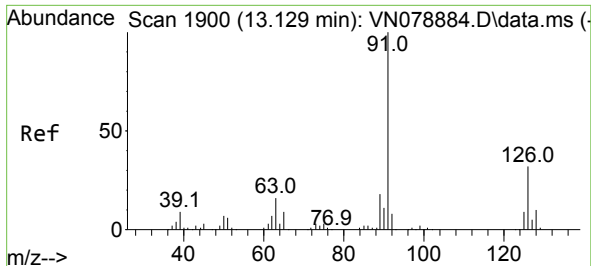
Delta R.T. 0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Tgt Ion: 91 Resp: 630540
 Ion Ratio Lower Upper
 91 100
 120 22.6 11.5 34.4

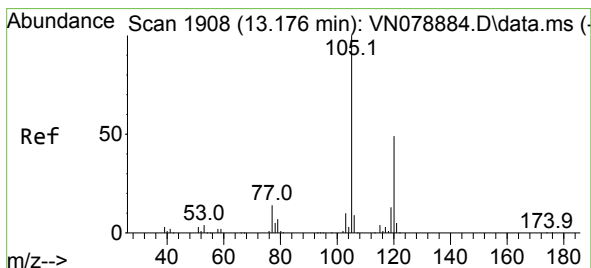
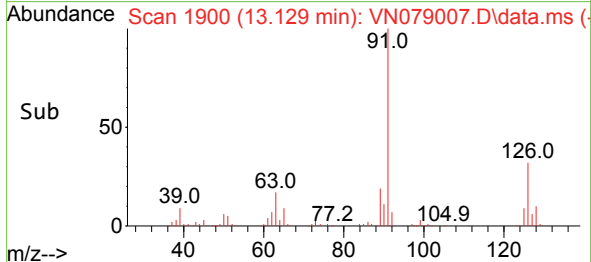
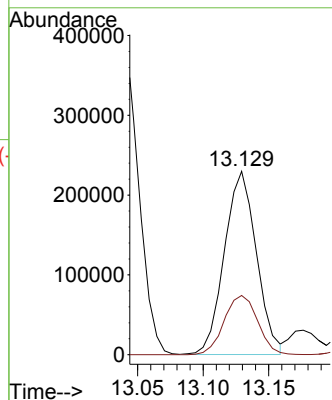
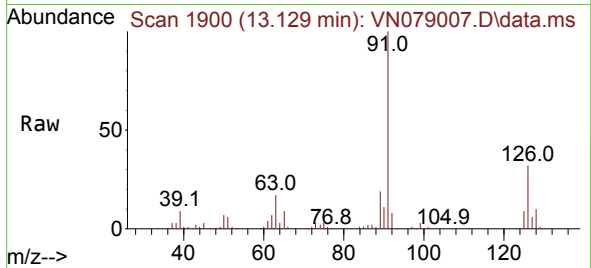




#79
2-Chlorotoluene
Concen: 47.981 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

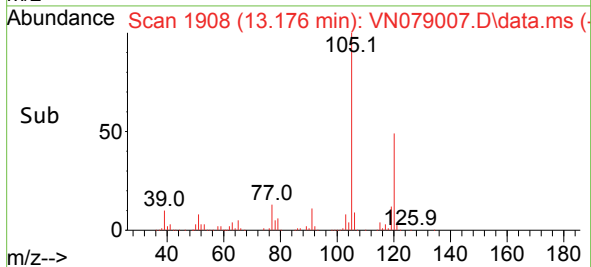
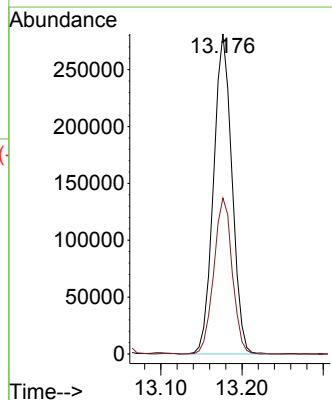
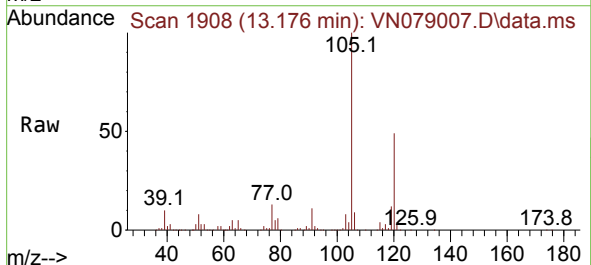
Instrument :
MSVOA_N
ClientSampleId :

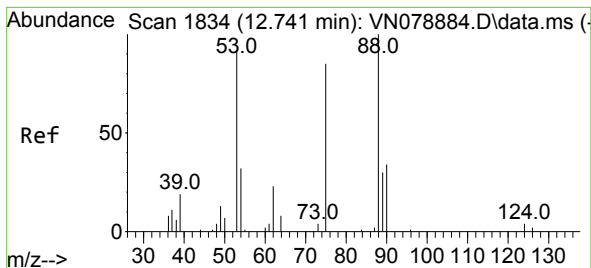
Tgt Ion: 91 Resp: 390328
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 49.542 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:105 Resp: 444009
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

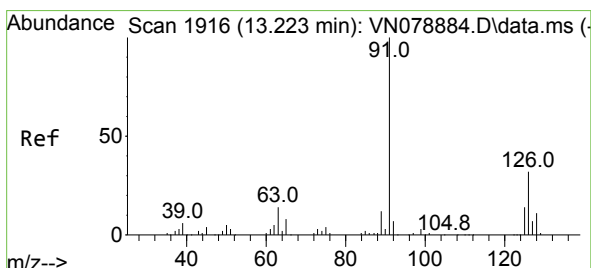
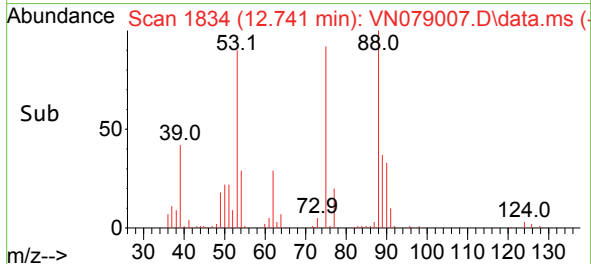
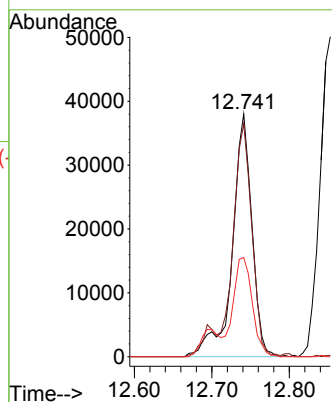
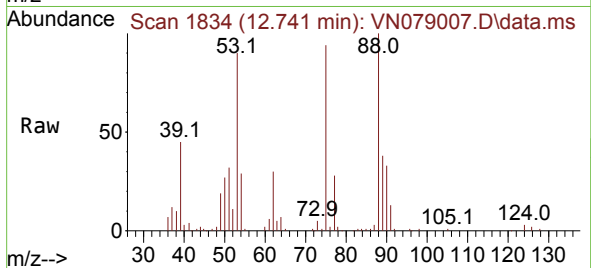




#81
trans-1,4-Dichloro-2-butene
Concen: 52.365 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

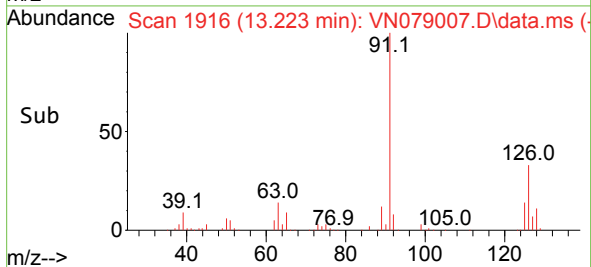
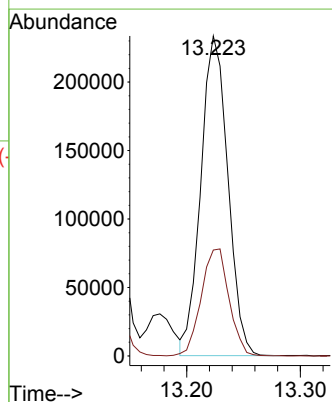
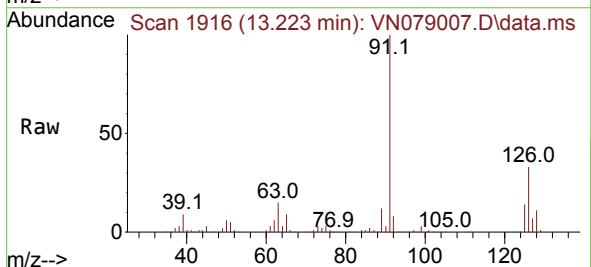
Instrument :
MSVOA_N
ClientSampleId :

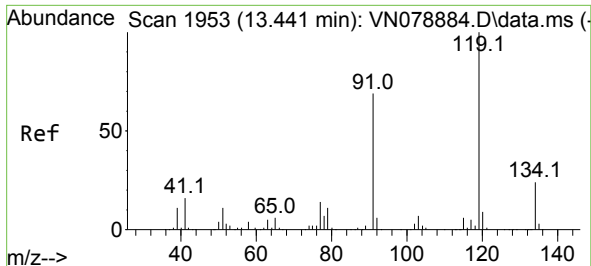
Tgt Ion: 75 Resp: 66992
Ion Ratio Lower Upper
75 100
53 90.0 67.4 101.2
89 40.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 48.503 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

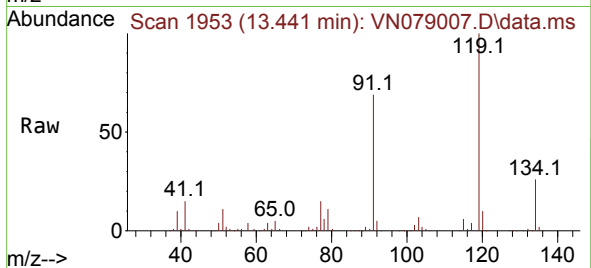
Tgt Ion: 91 Resp: 386078
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.0



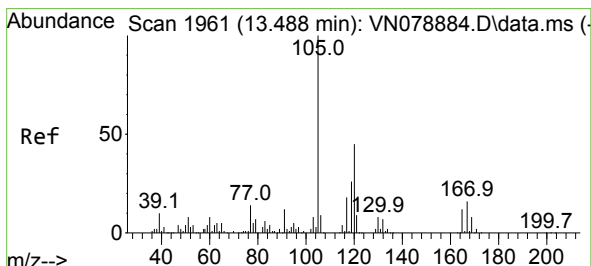
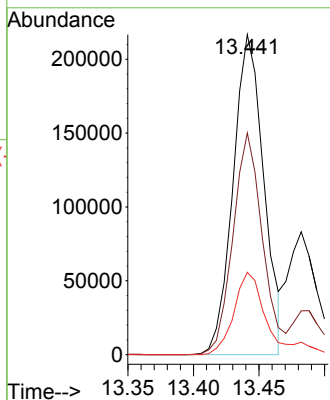
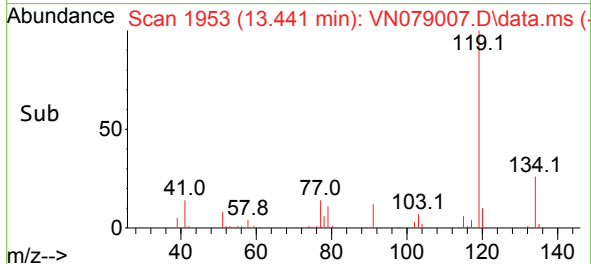


#83
tert-Butylbenzene
Concen: 46.940 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

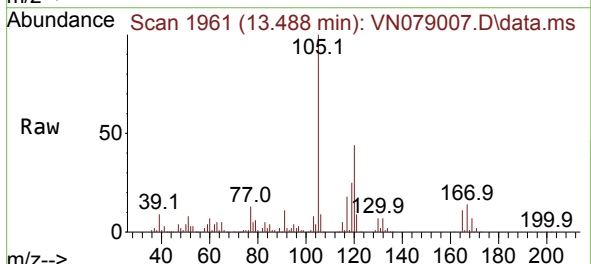
Instrument :
MSVOA_N
ClientSampleId :



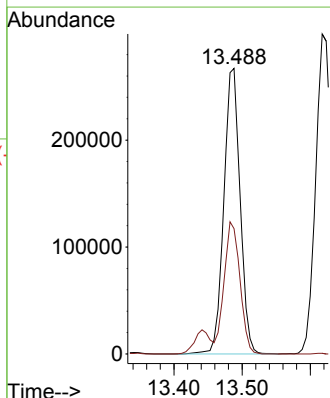
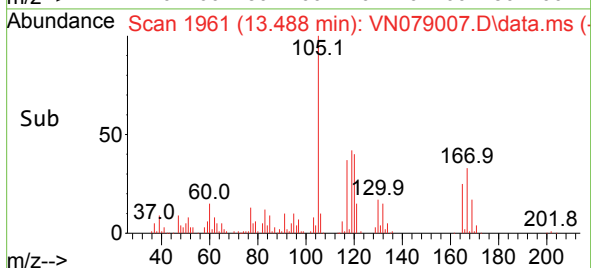
Tgt Ion:119 Resp: 353466
Ion Ratio Lower Upper
119 100
91 66.9 33.9 101.7
134 27.9 13.2 39.6

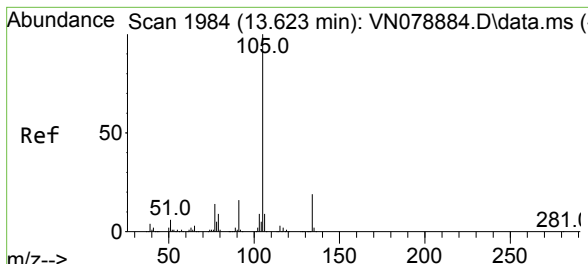


#84
1,2,4-Trimethylbenzene
Concen: 49.983 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32



Tgt Ion:105 Resp: 443564
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0

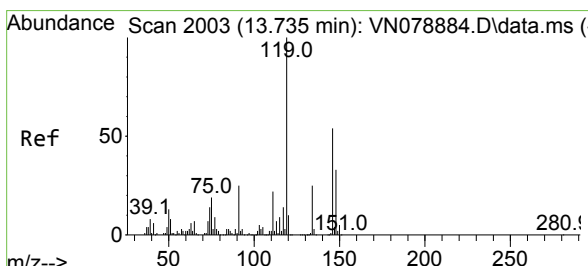
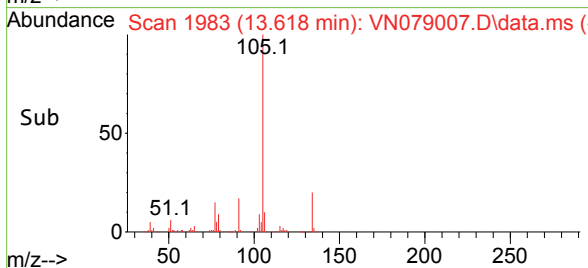
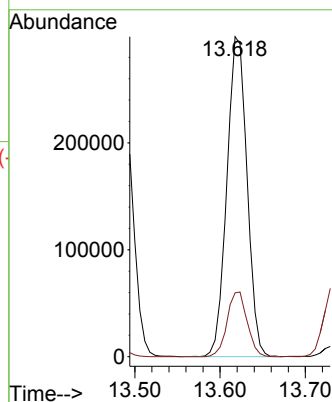
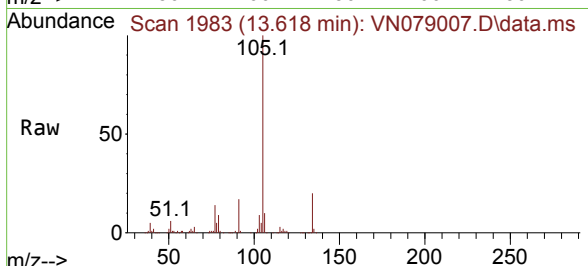




#85
 sec-Butylbenzene
 Concen: 47.557 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

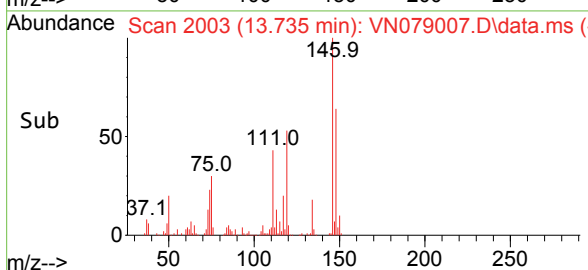
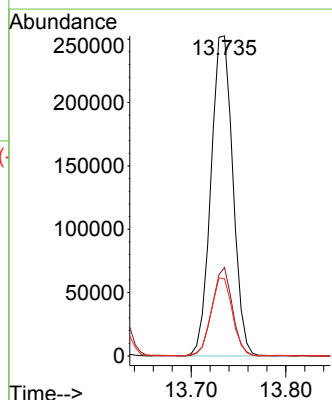
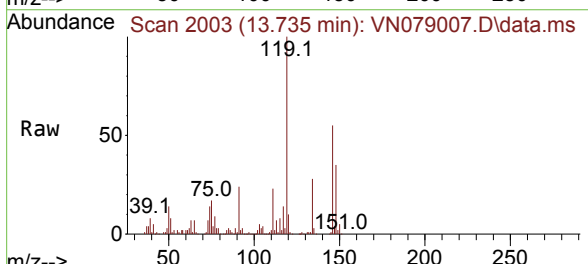
Instrument :
 MSVOA_N
 ClientSampleId :

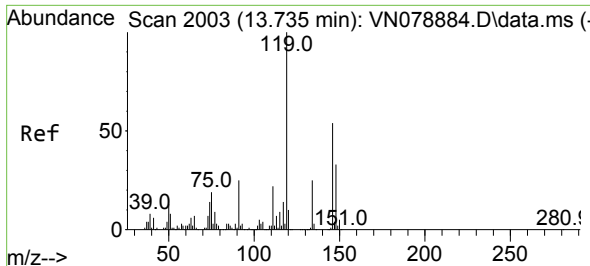
Tgt Ion:105 Resp: 492832
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.114 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079007.D
 Acq: 23 Aug 2023 10:32

Tgt Ion:119 Resp: 406646
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 23.9 12.4 37.2

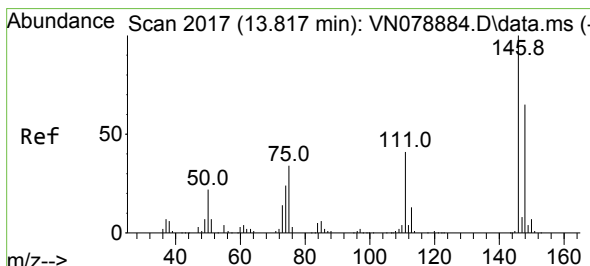
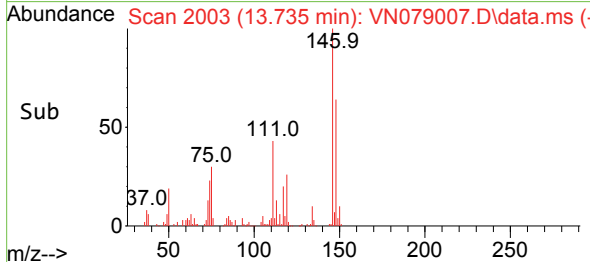
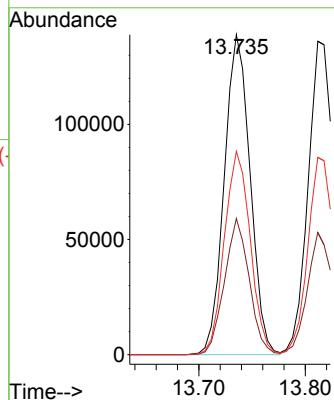
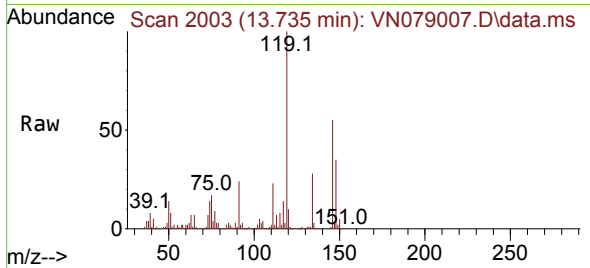




#87
1,3-Dichlorobenzene
Concen: 50.058 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

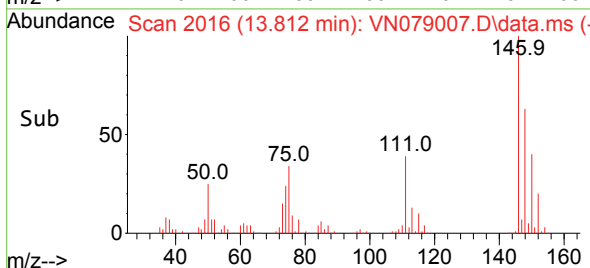
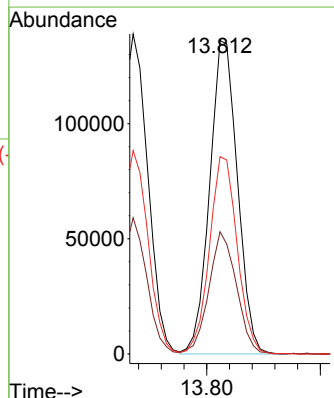
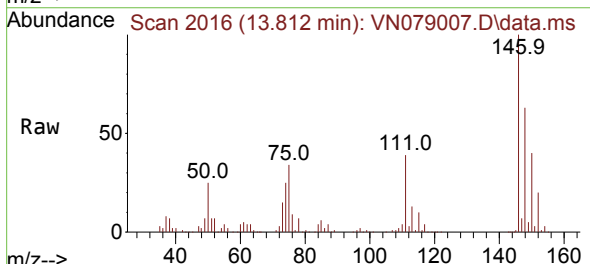
Instrument :
MSVOA_N
ClientSampleId :

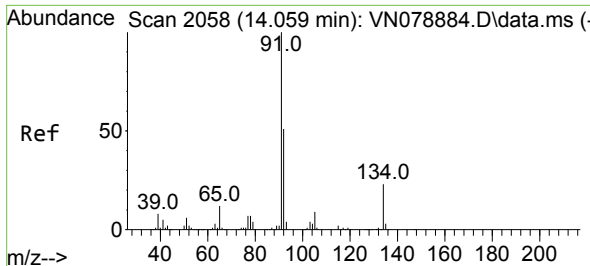
Tgt Ion:146 Resp: 234160
Ion Ratio Lower Upper
146 100
111 40.9 22.1 66.3
148 63.9 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 49.332 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:146 Resp: 230971
Ion Ratio Lower Upper
146 100
111 38.8 20.6 61.8
148 63.0 31.6 94.8

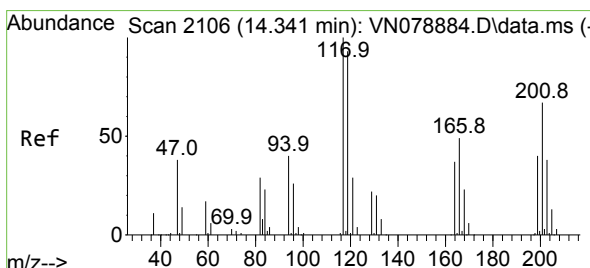
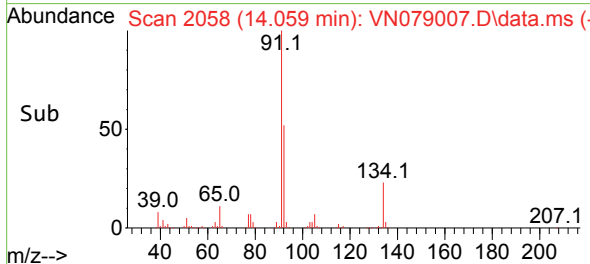
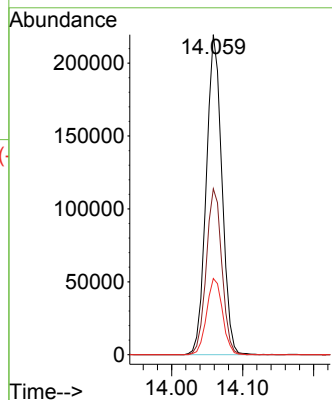
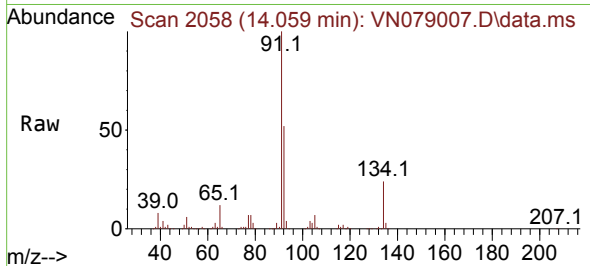




#89
n-Butylbenzene
Concen: 49.339 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

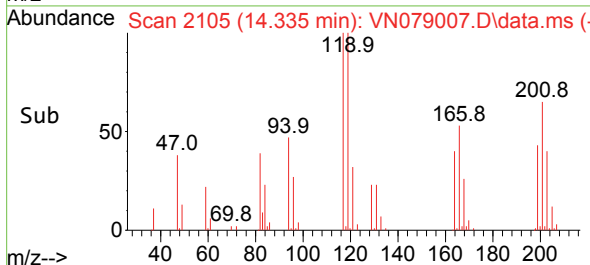
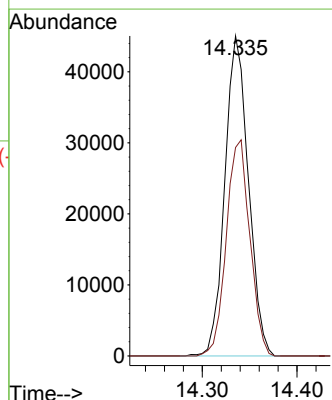
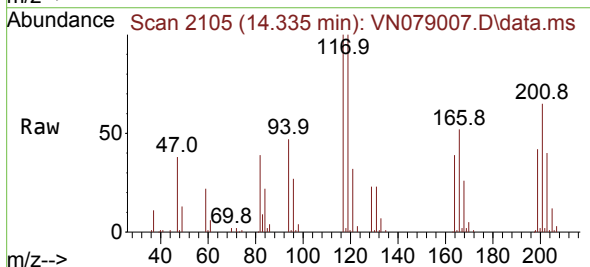
Instrument :
MSVOA_N
ClientSampleId :

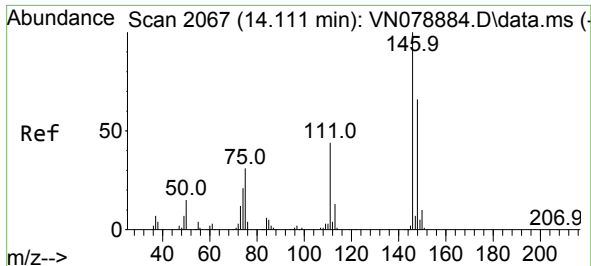
Tgt Ion: 91 Resp: 336183
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 24.2 12.6 37.6



#90
Hexachloroethane
Concen: 46.947 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

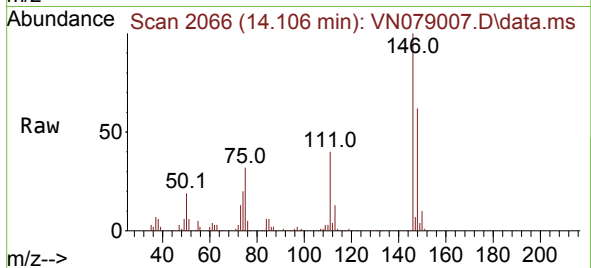
Tgt Ion: 117 Resp: 77917
Ion Ratio Lower Upper
117 100
201 67.5 29.3 88.0



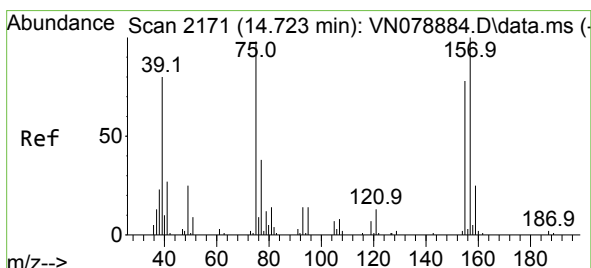
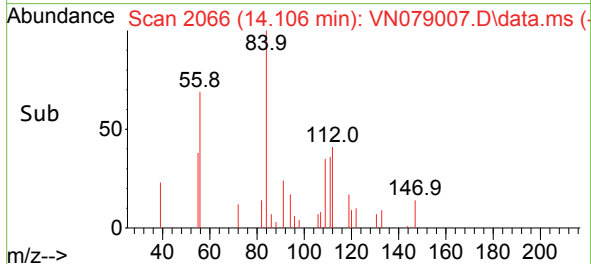
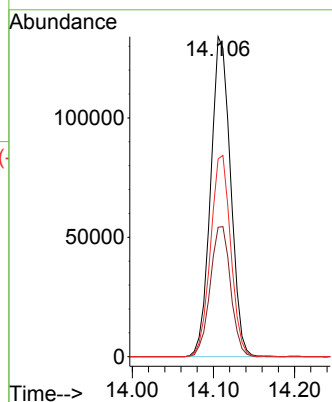


#91
1,2-Dichlorobenzene
Concen: 49.022 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

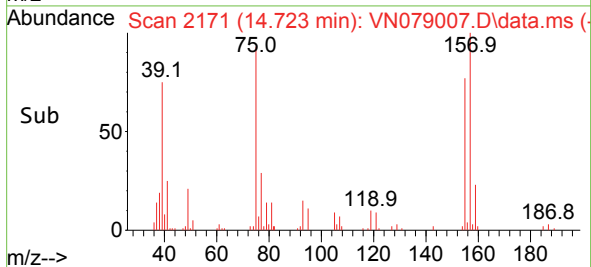
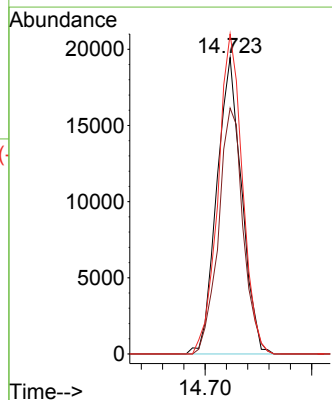
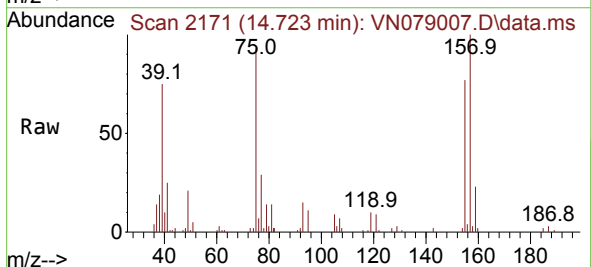


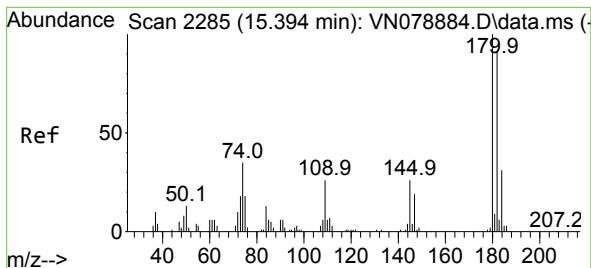
Tgt Ion:146 Resp: 228044
Ion Ratio Lower Upper
146 100
111 41.8 22.0 66.0
148 63.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.343 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion: 75 Resp: 31509
Ion Ratio Lower Upper
75 100
155 82.1 39.1 117.2
157 105.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.587 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

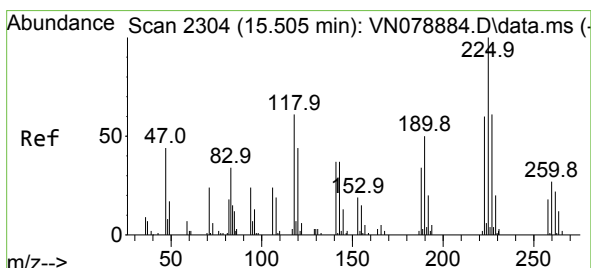
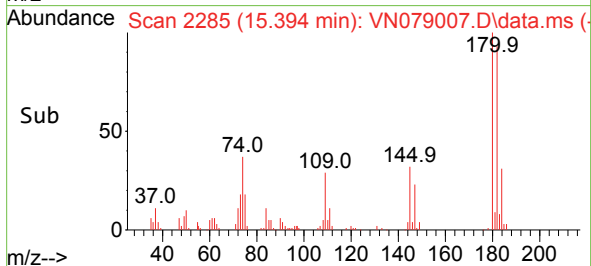
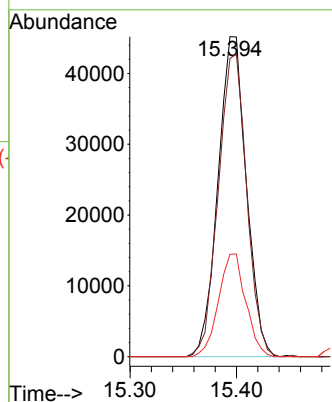
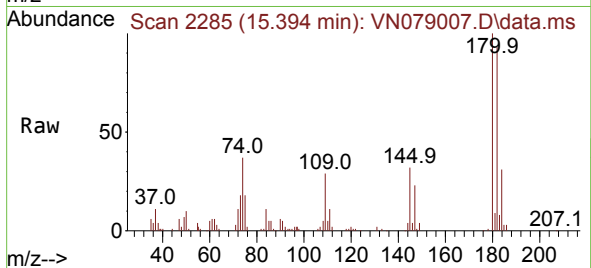
Tgt Ion:180 Resp: 83424

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

145 30.8 16.6 49.8



#94

Hexachlorobutadiene

Concen: 50.604 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN079007.D

Acq: 23 Aug 2023 10:32

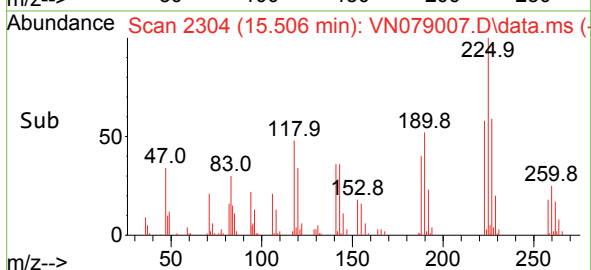
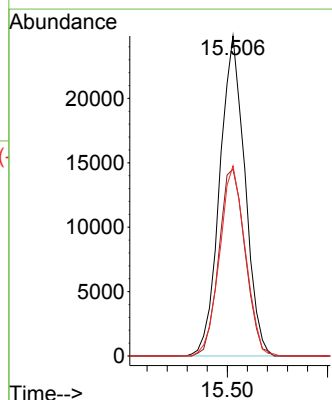
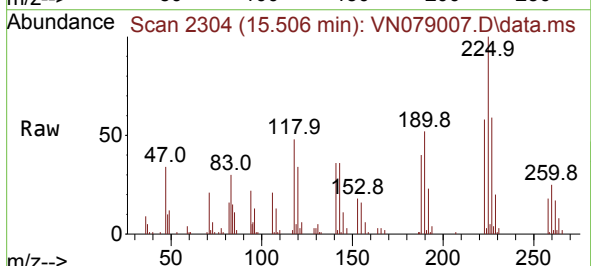
Tgt Ion:225 Resp: 43314

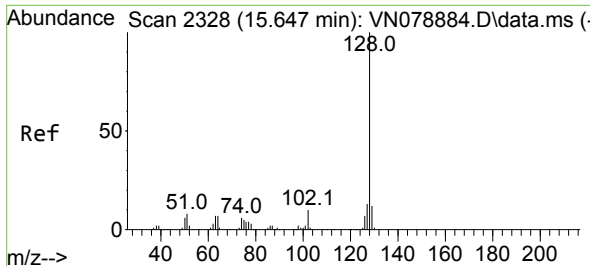
Ion Ratio Lower Upper

225 100

223 60.9 31.3 93.8

227 60.5 31.9 95.9

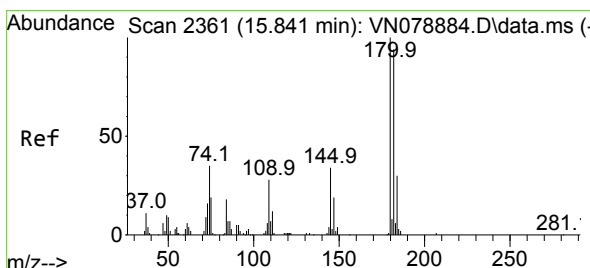
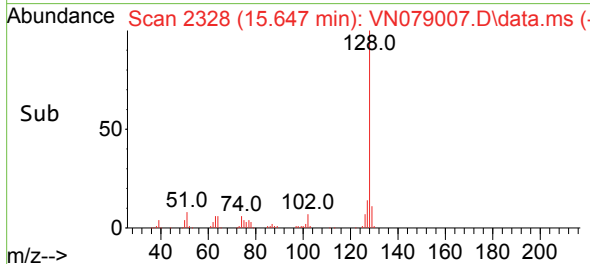
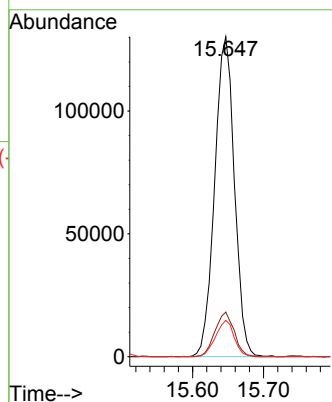
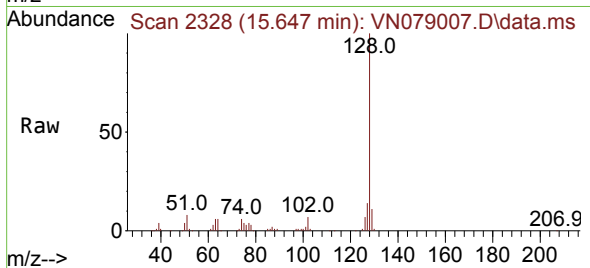




#95
Naphthalene
Concen: 40.626 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 250749
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.835 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079007.D
Acq: 23 Aug 2023 10:32

Tgt Ion:180 Resp: 86399
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 32.8 17.5 52.6

