

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091523\
 Data File : VN079267.D
 Acq On : 15 Sep 2023 13:08
 Operator : JC\MD
 Sample : 04374-06
 Misc : 2.71g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 15 17:20:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	188317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330935	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.871	117	312819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137489	54.085	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.160%	
35) Dibromofluoromethane	8.165	113	102137	46.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.800%	
50) Toluene-d8	10.571	98	415531	51.409	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.820%	
62) 4-Bromofluorobenzene	12.853	95	167946	65.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 130.280%#	

Target Compounds				Qvalue		
6) Chloroethane	3.124	64	321	Below Cal	#	43
10) Methyl Iodide	4.583	142	364	0.214	ug/l #	38
11) Tert butyl alcohol	5.500	59	12613	26.875	ug/l #	72
14) Allyl chloride	5.236	41	1369	0.427	ug/l #	19
15) Acrylonitrile	5.724	53	502	0.413	ug/l #	54
16) Acetone	4.442	43	790	0.732	ug/l #	44
18) Methyl Acetate	5.036	43	3907	0.881	ug/l #	68
20) Methylene Chloride	5.265	84	3503	1.333	ug/l #	84
25) 2-Butanone	7.494	43	1712	1.093	ug/l #	37
29) Tetrahydrofuran	7.865	42	388	0.389	ug/l #	20
30) Chloroform	7.935	83	1912	0.424	ug/l #	15
31) Cyclohexane	8.218	56	67026	18.057	ug/l #	43
36) 1,1-Dichloropropene	8.230	75	17086	5.036	ug/l #	51
38) Carbon Tetrachloride	8.218	117	20159	5.741	ug/l #	14
39) Methylcyclohexane	9.600	83	118033	35.266	ug/l #	66
41) Methacrylonitrile	7.847	41	1145	0.671	ug/l #	37
43) Isopropyl Acetate	8.700	43	33612	6.087	ug/l #	49
45) 1,2-Dichloropropane	9.606	63	1413	0.548	ug/l #	1
47) Bromodichloromethane	9.871	83	14569	4.065	ug/l #	35
48) Methyl methacrylate	9.641	41	126255	51.043	ug/l #	28
51) 4-Methyl-2-Pentanone	10.494	43	124316	38.781	ug/l #	71
55) 1,1,2-Trichloroethane	11.006	97	90480	36.123	ug/l #	37
56) Ethyl methacrylate	10.865	69	10397	2.941	ug/l #	64
58) 2-Chloroethyl Vinyl ether	10.147	63	3890	2.243	ug/l #	44
59) 2-Hexanone	11.176	43	189266	81.518	ug/l #	24
61) 1,2-Dibromoethane	11.447	107	848	0.339	ug/l #	1
67) Ethyl Benzene	11.970	91	6344	0.523	ug/l	100
68) m/p-Xylenes	12.088	106	1559	0.345	ug/l #	62
71) Bromoform	12.847	173	743	0.379	ug/l #	1
73) Isopropylbenzene	12.700	105	44774	3.261	ug/l	99
74) N-amyl acetate	12.482	43	190159	36.506	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.929	83	6321	1.236	ug/l #	1
76) 1,2,3-Trichloropropane	13.135	75	8179	2.011	ug/l #	1
78) n-propylbenzene	13.041	91	254353	16.491	ug/l	98
79) 2-Chlorotoluene	13.135	91	113881	11.289	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.176	105	340413	29.756	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

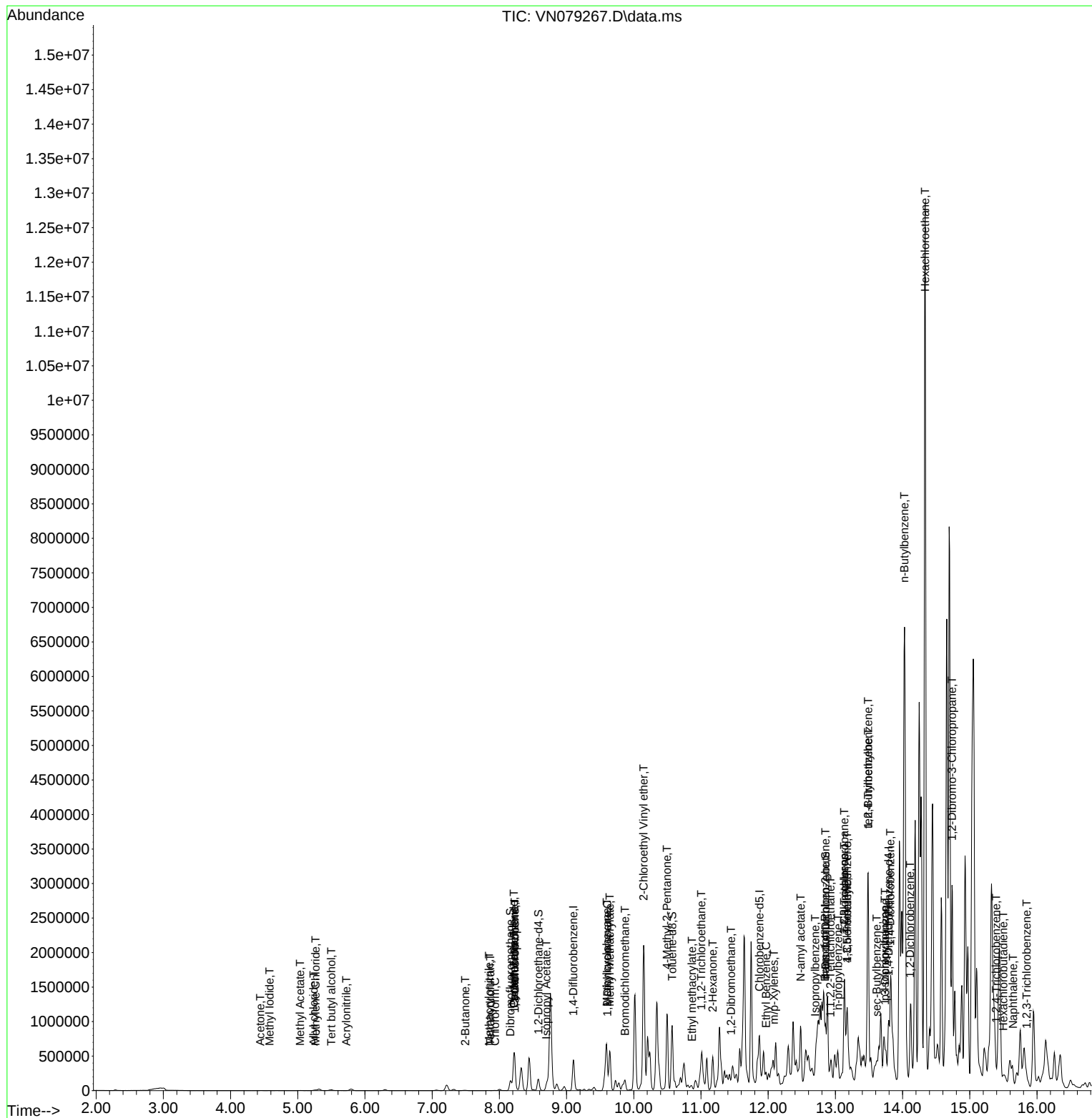
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.853	75	79323	53.619	ug/l #	15
82) 4-Chlorotoluene	13.176	91	36350	3.835	ug/l #	52
83) tert-Butylbenzene	13.488	119	203826	21.537	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.488	105	1709950	156.945	ug/l	99
85) sec-Butylbenzene	13.617	105	116432	8.936	ug/l #	60
86) p-Isopropyltoluene	13.735	119	176918	16.996	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	1827	0.320	ug/l #	1
88) 1,4-Dichlorobenzene	13.817	146	2342	0.406	ug/l #	1
89) n-Butylbenzene	14.029	91	893582	109.165	ug/l #	1
90) Hexachloroethane	14.335	117	591997	280.053	ug/l #	21
91) 1,2-Dichlorobenzene	14.112	146	2780	0.494	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.735	75	7375	9.489	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.394	180	5524	2.731	ug/l #	75
94) Hexachlorobutadiene	15.500	225	1470	0.924	ug/l	95
95) Naphthalene	15.647	128	46799	7.789	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	7514	3.149	ug/l #	79

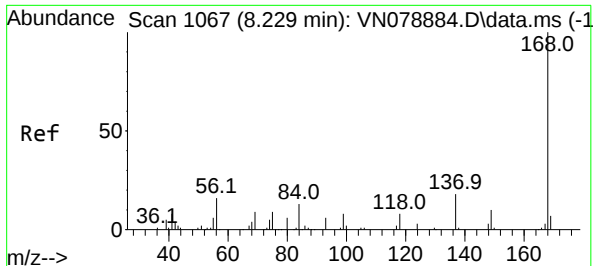
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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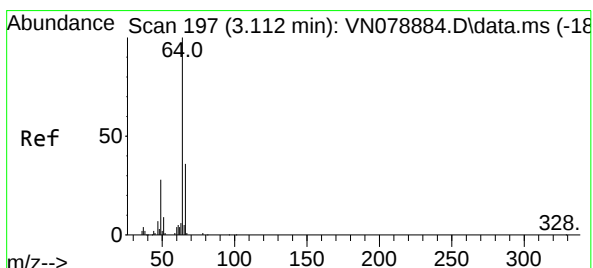
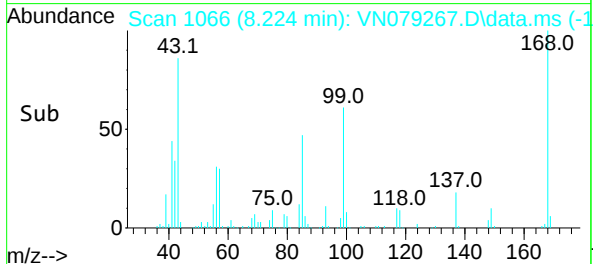
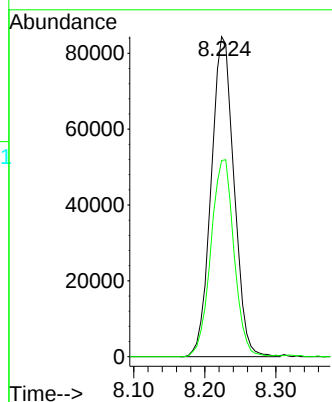
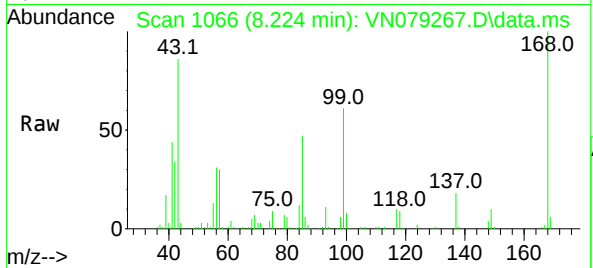




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

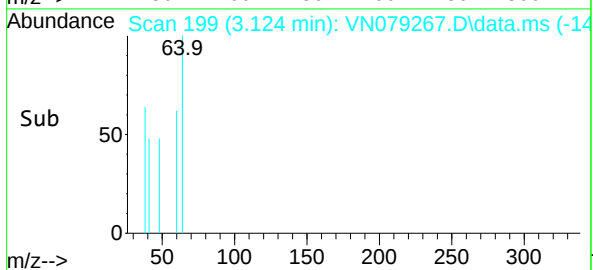
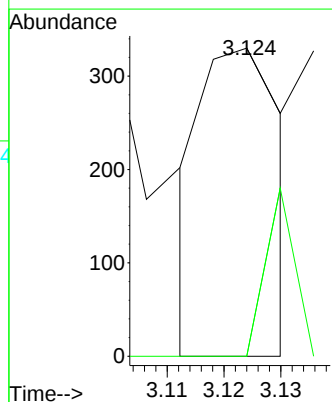
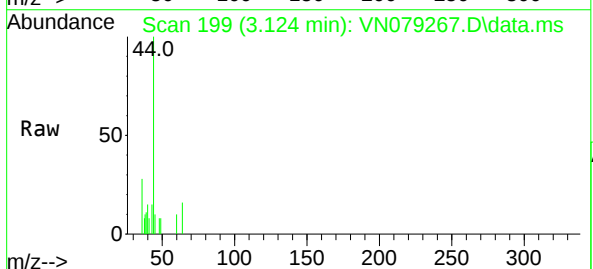
Instrument :
MSVOA_N
ClientSampleId :

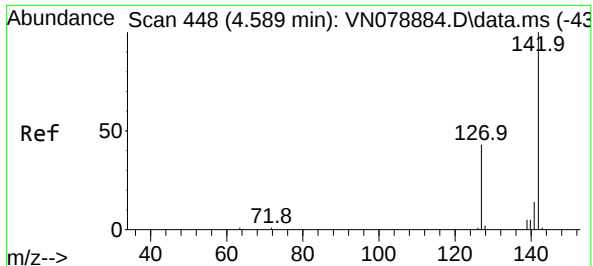
Tgt Ion:168 Resp: 188317
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

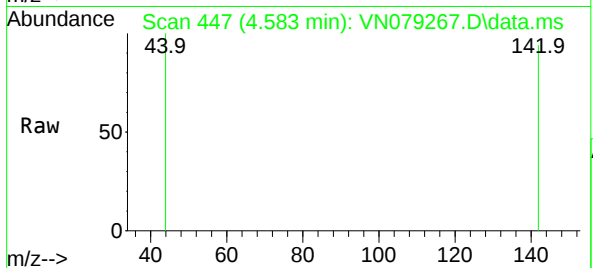
Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



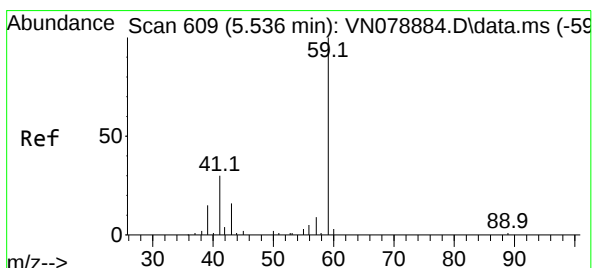
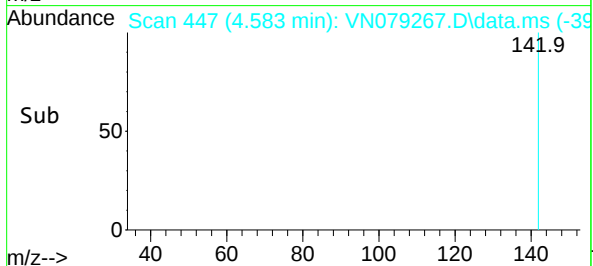
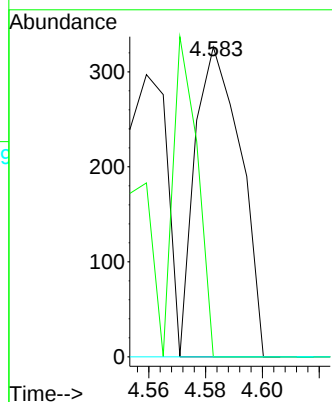


#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.017 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :

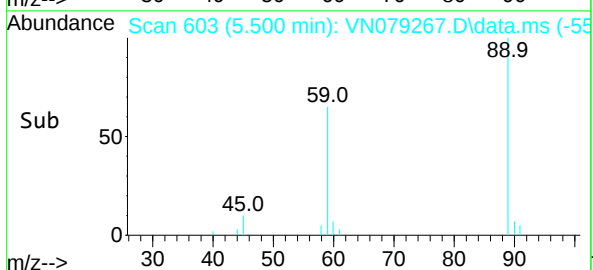
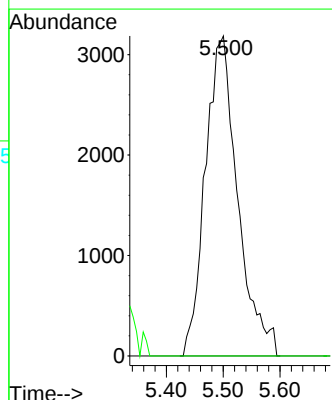
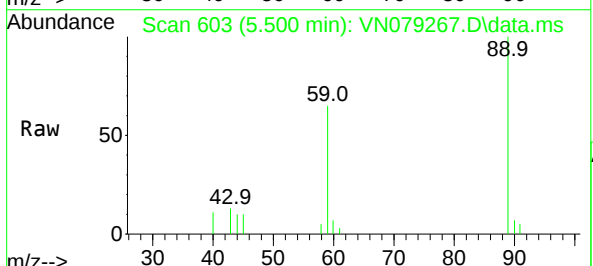


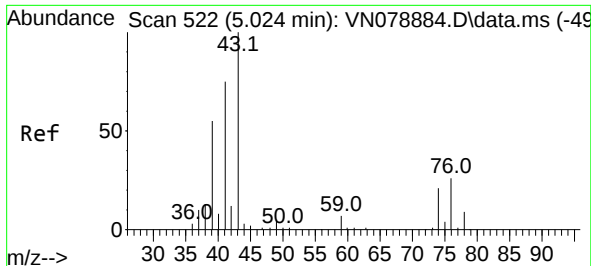
Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 26.875 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.042 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

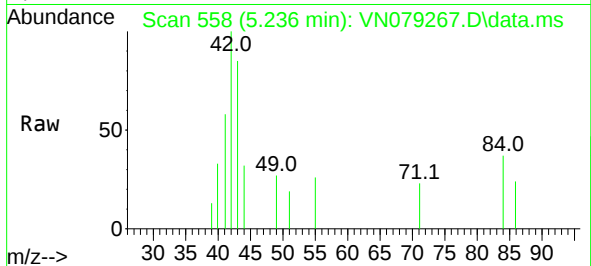
Tgt Ion: 59 Resp: 12613
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



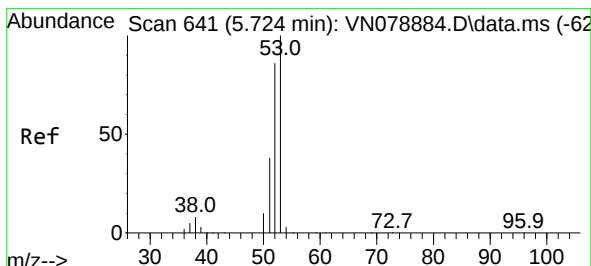
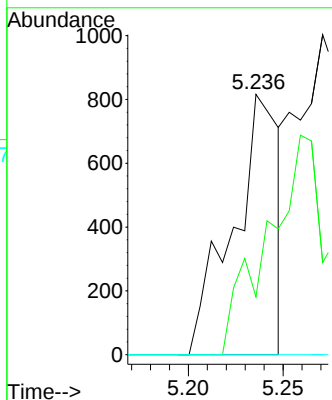
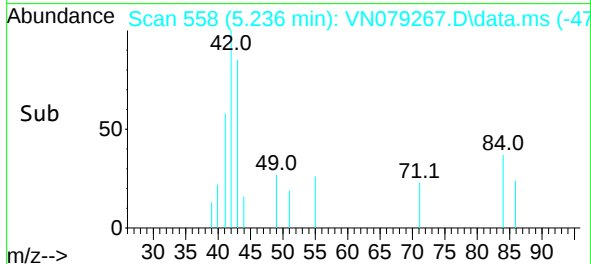


#14
 Allyl chloride
 Concen: 0.427 ug/l
 RT: 5.236 min Scan# 51
 Delta R.T. 0.206 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

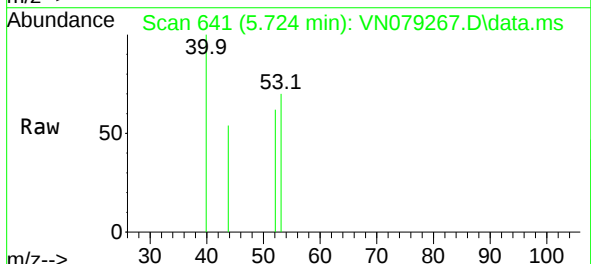
Instrument :
 MSVOA_N
 ClientSampleId :



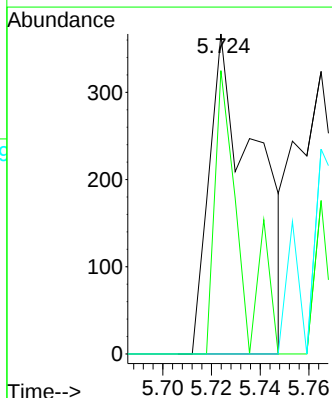
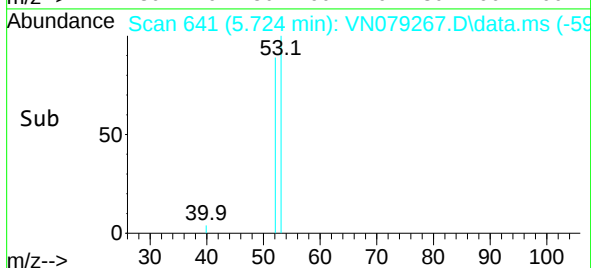
Tgt Ion: 41 Resp: 1369
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.8 88.2#
 76 0.0 39.1 58.7#

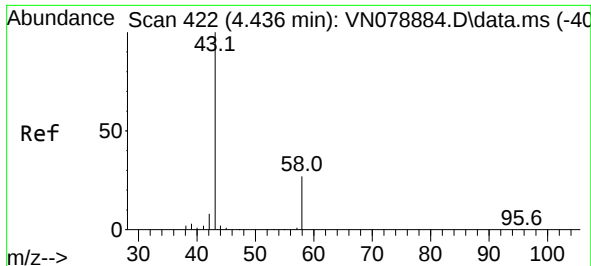


#15
 Acrylonitrile
 Concen: 0.413 ug/l
 RT: 5.724 min Scan# 641
 Delta R.T. -0.006 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08



Tgt Ion: 53 Resp: 502
 Ion Ratio Lower Upper
 53 100
 52 46.2 65.3 97.9#
 51 0.0 28.9 43.3#

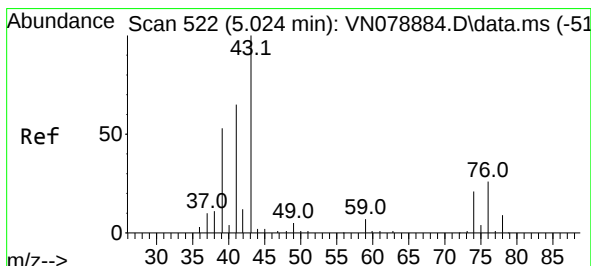
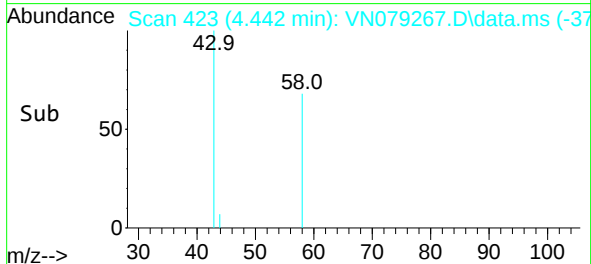
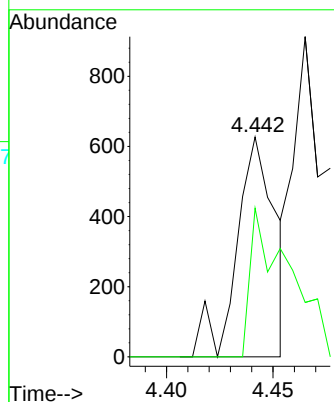
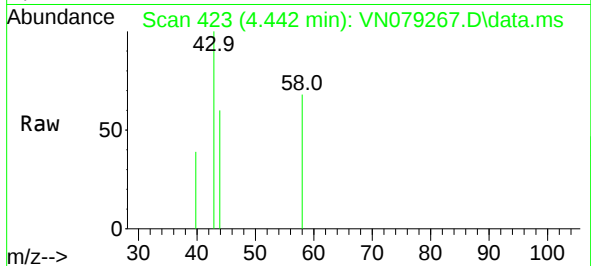




#16
Acetone
Concen: 0.732 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

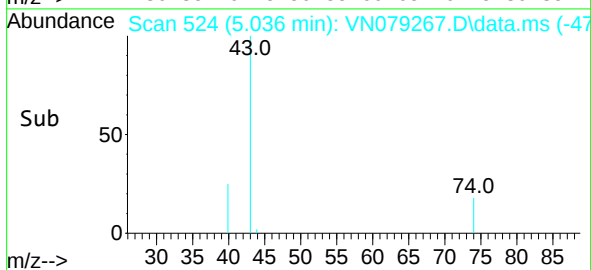
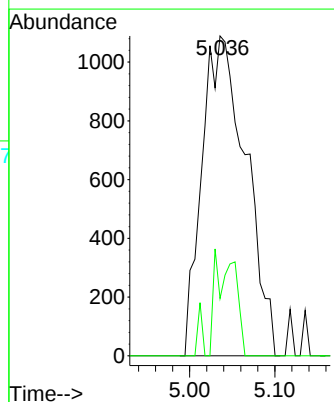
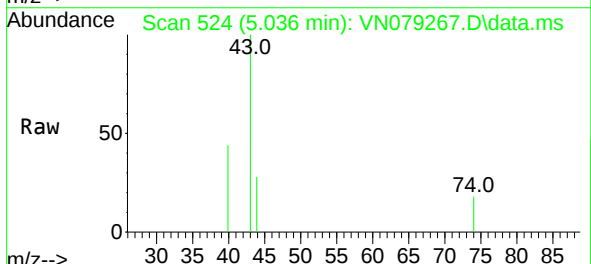
Instrument :
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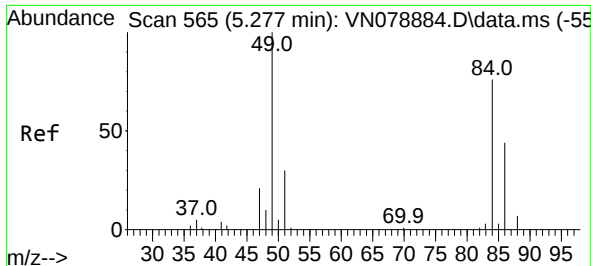
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 67.6 28.0 42.0#



#18
Methyl Acetate
Concen: 0.881 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

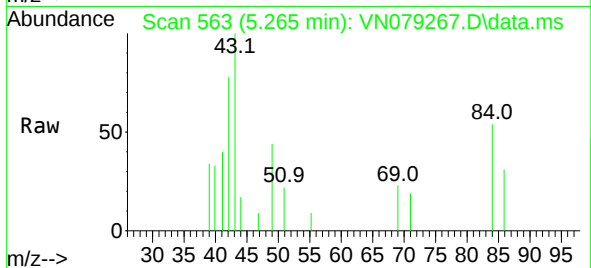
Tgt Ion: 43 Resp: 3907
Ion Ratio Lower Upper
43 100
74 14.6 26.2 39.4#



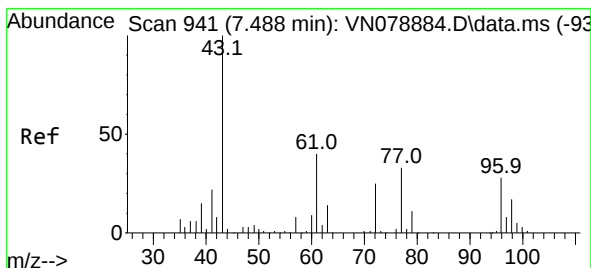
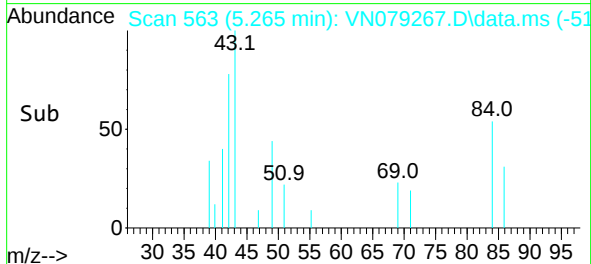
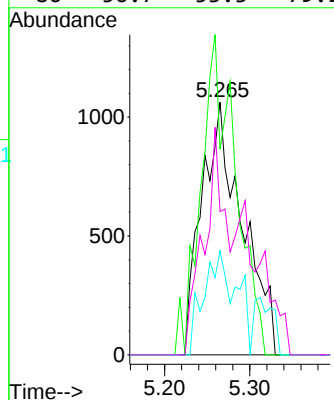


#20
Methylene Chloride
Concen: 1.333 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.018 min
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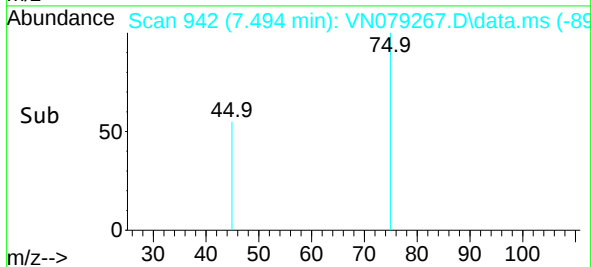
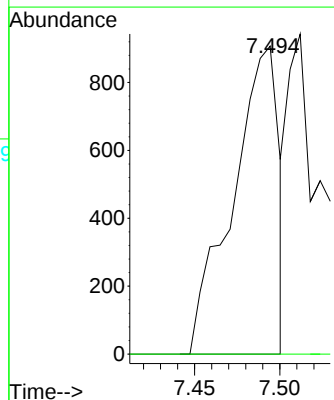
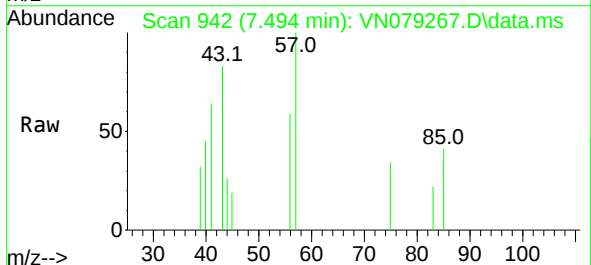


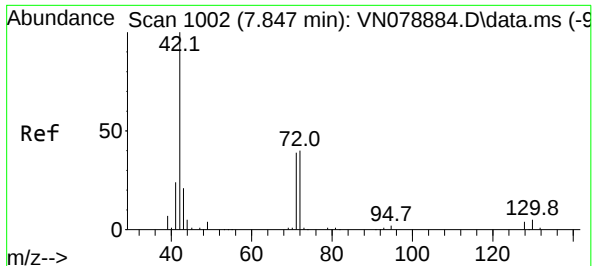
Tgt Ion:	84	Resp:	3503
Ion	Ratio	Lower	Upper
84	100		
49	81.3	79.7	119.5
51	41.1	25.2	37.8#
86	56.7	53.3	79.9



#25
2-Butanone
Concen: 1.093 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion:	43	Resp:	1712
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.389 ug/l

RT: 7.865 min Scan# 1017

Delta R.T. 0.018 min

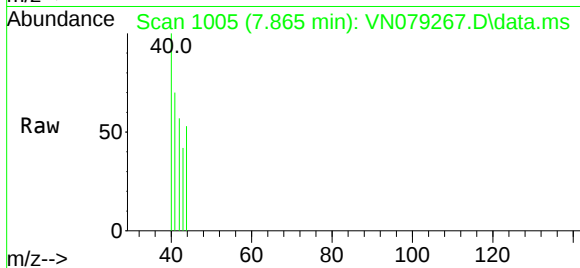
Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

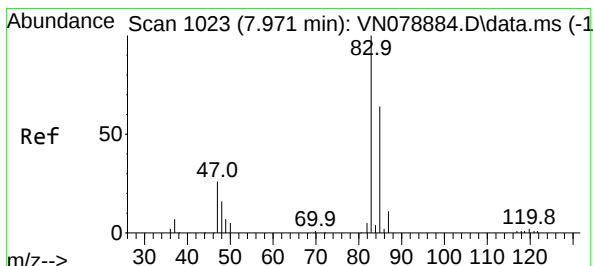
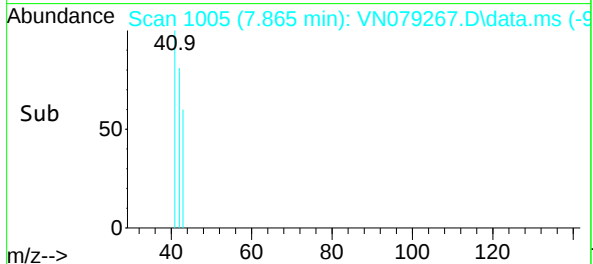
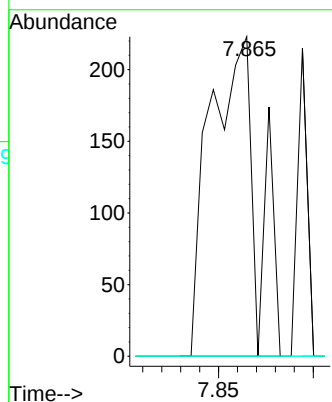
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Tgt Ion:	42	Resp:	388
Ion	Ratio	Lower	Upper
42	100		
72	0.0	49.8	74.6#
71	0.0	47.4	71.2#



#30

Chloroform

Concen: 0.424 ug/l

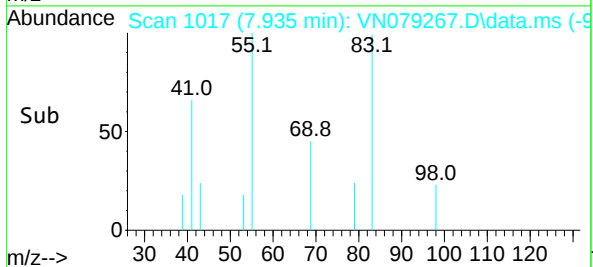
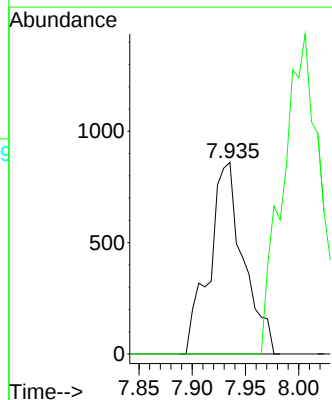
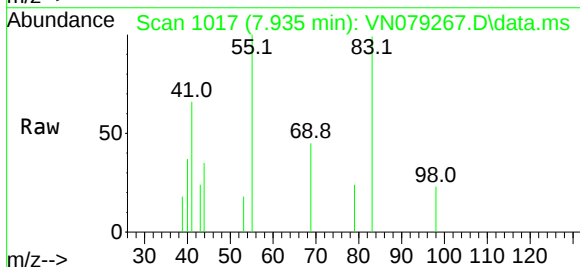
RT: 7.935 min Scan# 1017

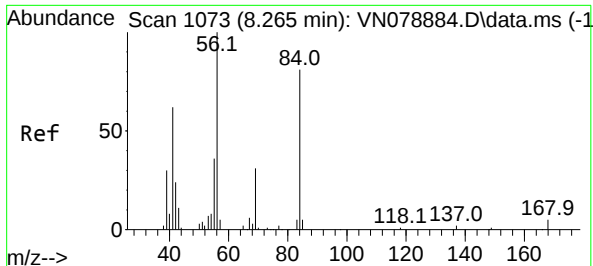
Delta R.T. -0.042 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

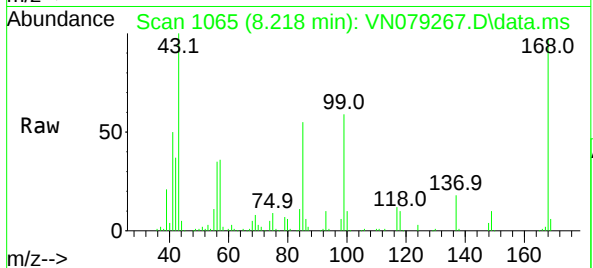
Tgt Ion:	83	Resp:	1912
Ion	Ratio	Lower	Upper
83	100		
85	0.0	55.4	83.0#



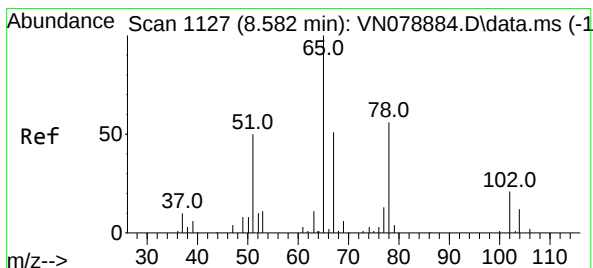
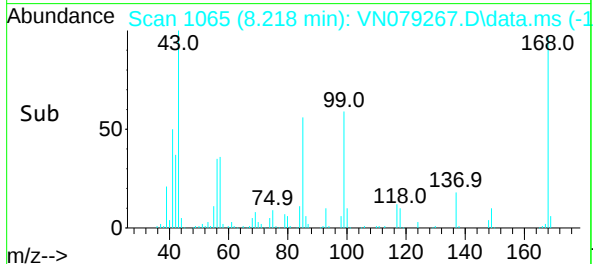
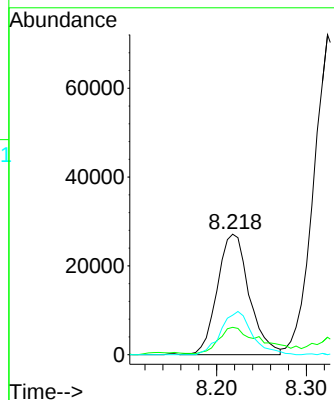


#31
Cyclohexane
Concen: 18.057 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.047 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :

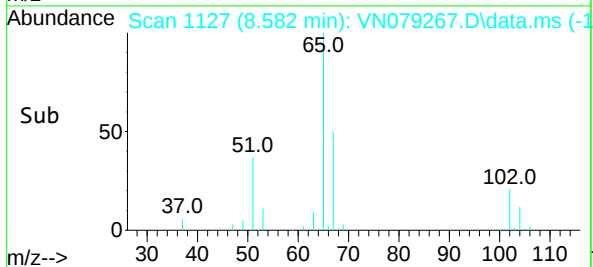
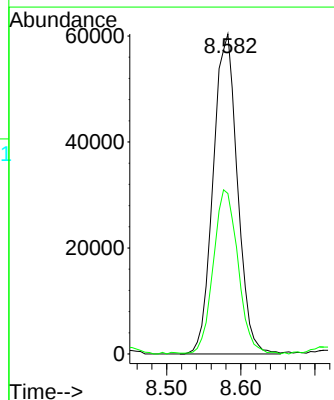
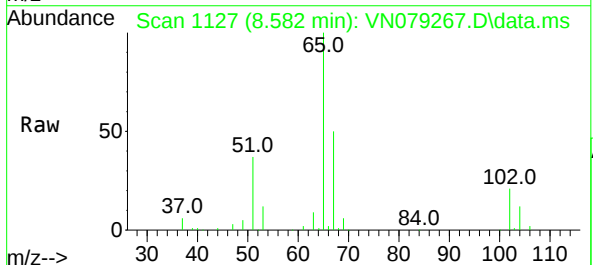


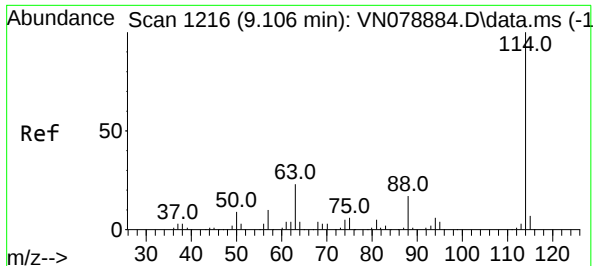
Tgt Ion: 56 Resp: 67026
Ion Ratio Lower Upper
56 100
69 21.3 26.8 40.2#
84 32.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 54.085 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 65 Resp: 137489
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.012 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

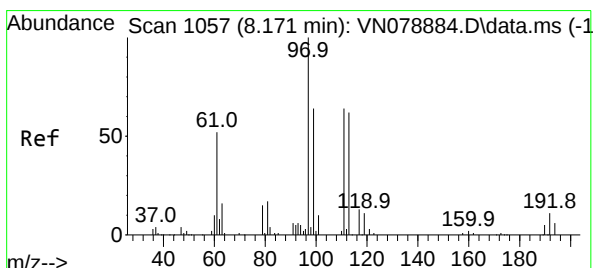
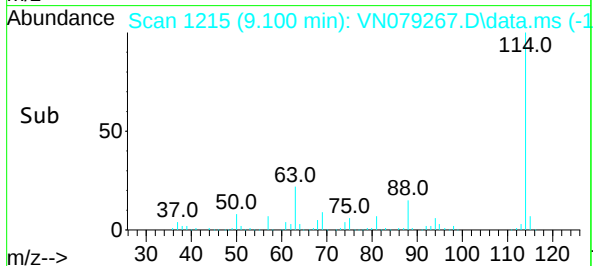
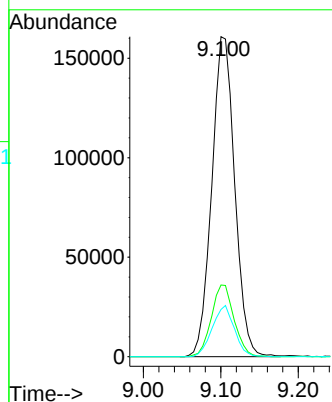
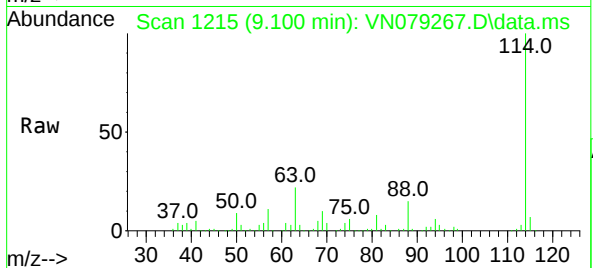
Tgt Ion:114 Resp: 330935

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.398 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

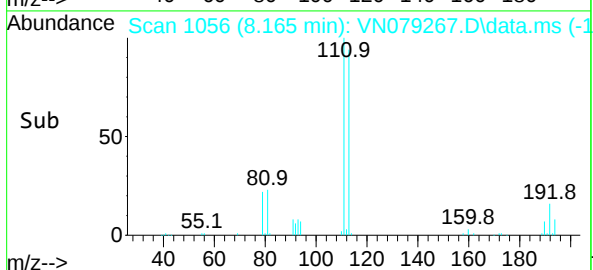
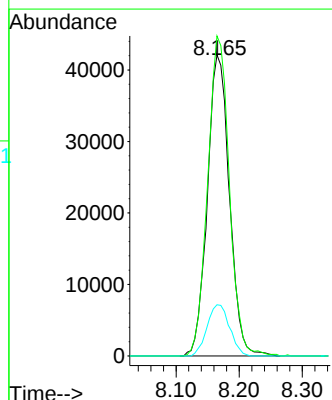
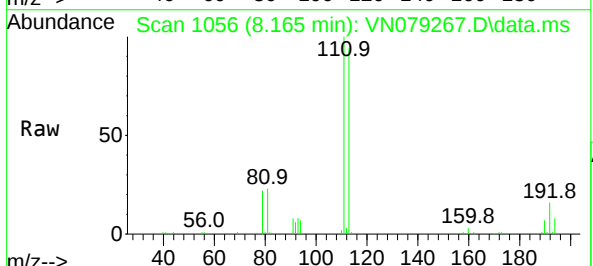
Tgt Ion:113 Resp: 102137

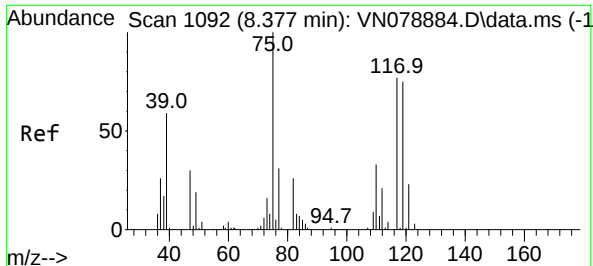
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.4 12.7 19.1





#36

1,1-Dichloropropene

Concen: 5.036 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

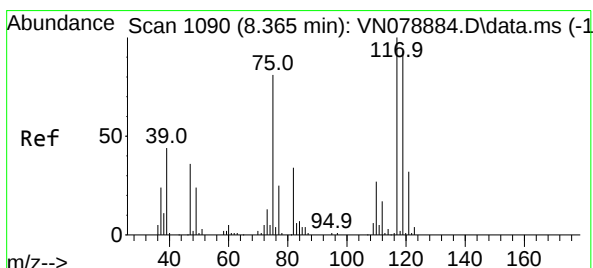
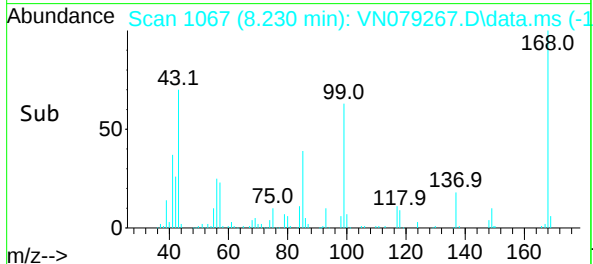
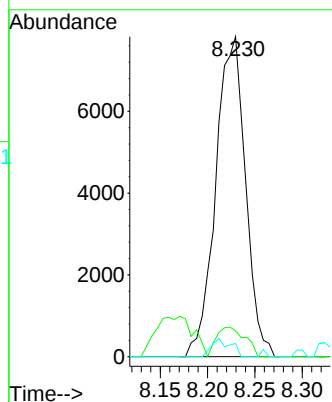
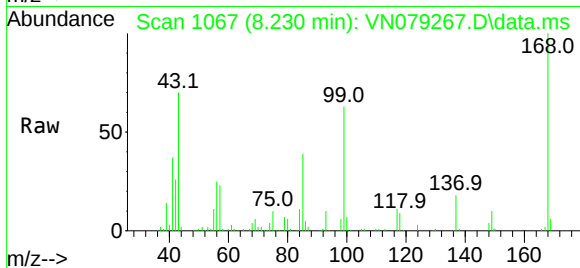
Tgt Ion: 75 Resp: 17086

Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

77 3.6 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.741 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

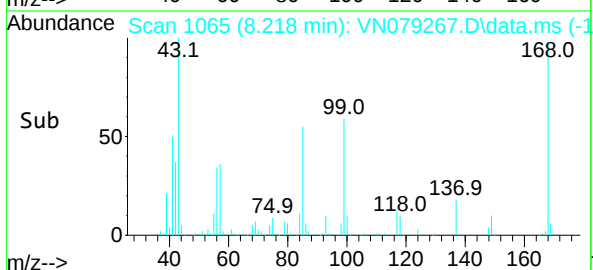
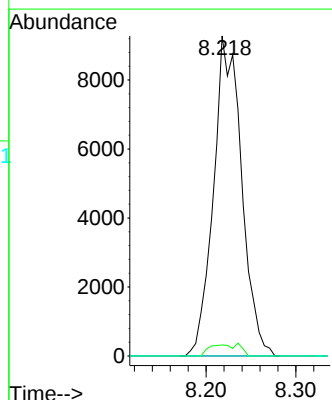
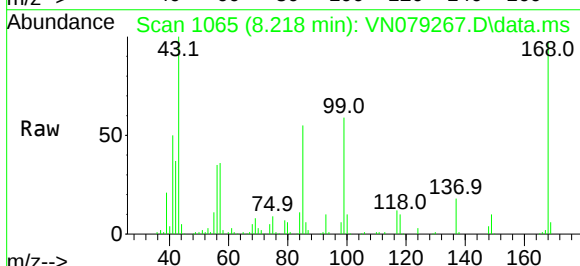
Tgt Ion: 117 Resp: 20159

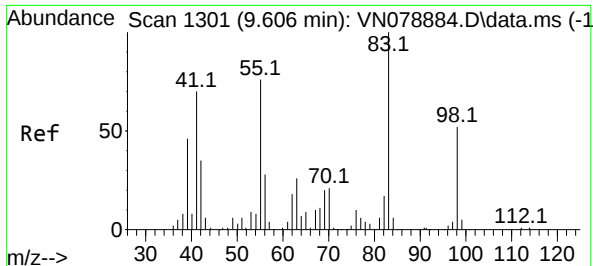
Ion Ratio Lower Upper

117 100

119 3.5 77.3 115.9#

121 0.0 23.3 34.9#





#39

Methylcyclohexane

Concen: 35.266 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

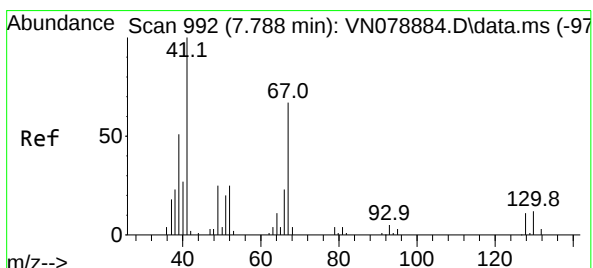
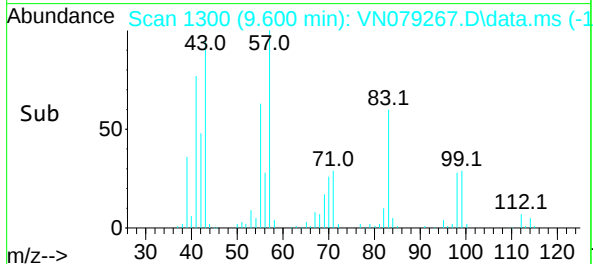
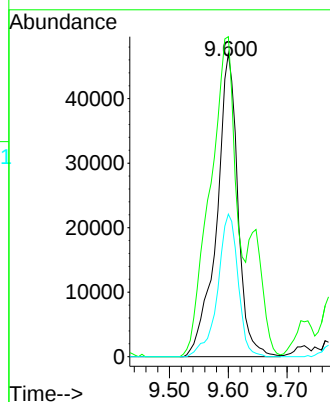
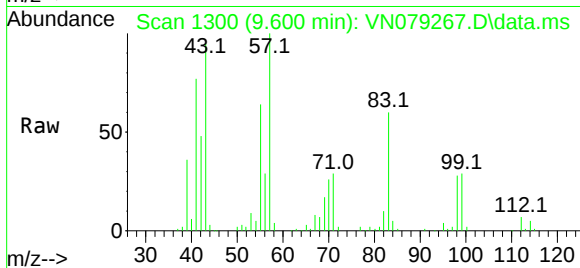
Tgt Ion: 83 Resp: 118033

Ion Ratio Lower Upper

83 100

55 105.6 49.1 73.7#

98 47.0 40.6 61.0



#41

Methacrylonitrile

Concen: 0.671 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.053 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Tgt Ion: 41 Resp: 1145

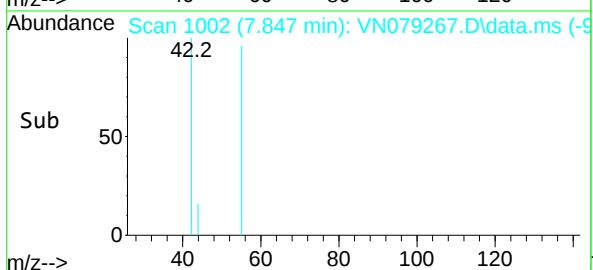
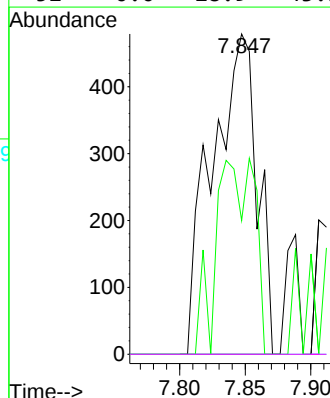
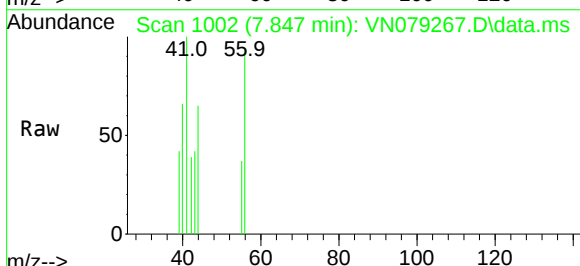
Ion Ratio Lower Upper

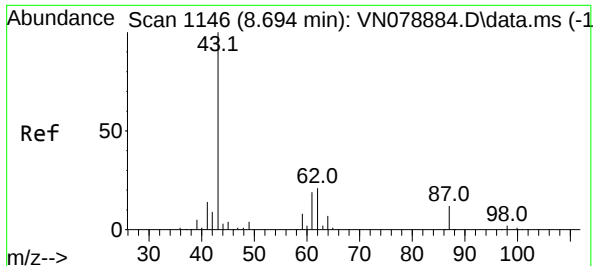
41 100

39 52.6 42.6 64.0

67 0.0 77.5 116.3#

52 0.0 28.9 43.3#





#43

Isopropyl Acetate

Concen: 6.087 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

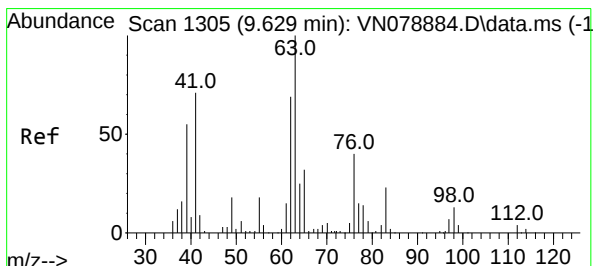
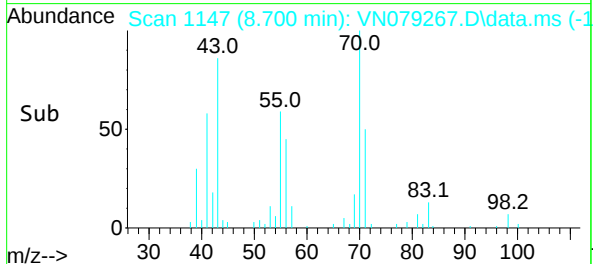
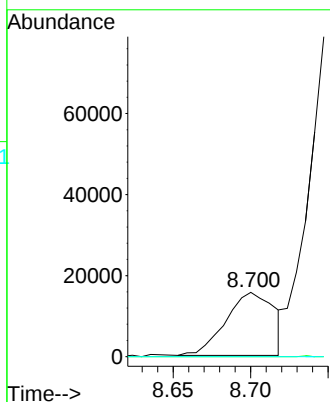
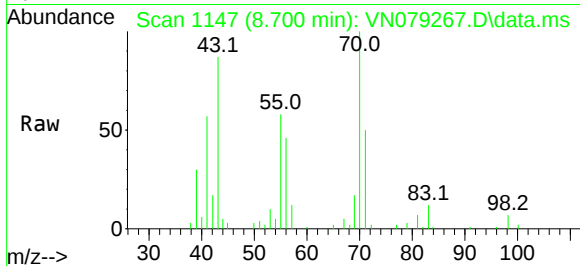
Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43 Resp: 33612

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.7	37.1#
87	0.0	14.6	21.8#



#45

1,2-Dichloropropane

Concen: 0.548 ug/l

RT: 9.606 min Scan# 1301

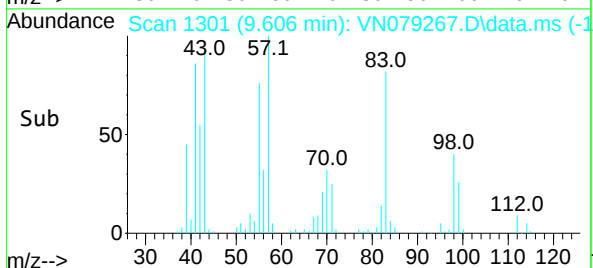
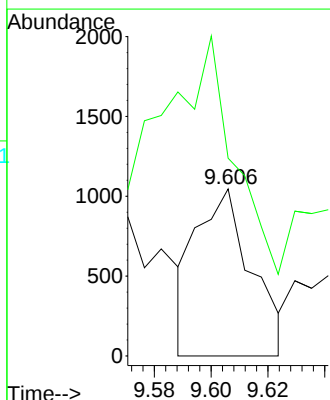
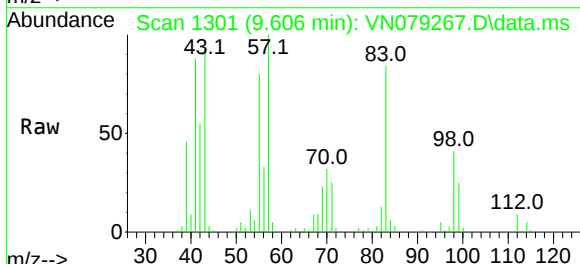
Delta R.T. -0.018 min

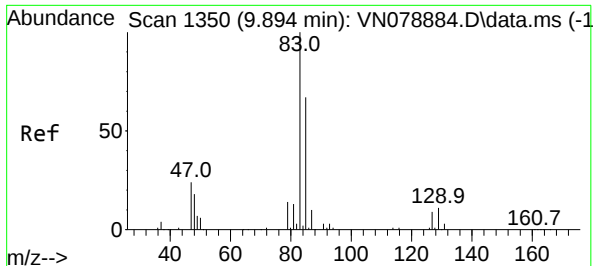
Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Tgt Ion: 63 Resp: 1413

Ion	Ratio	Lower	Upper
63	100		
65	93.6	23.9	35.9#

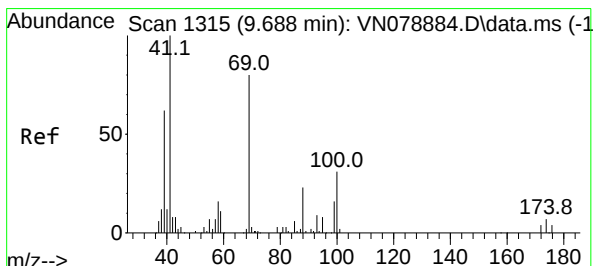
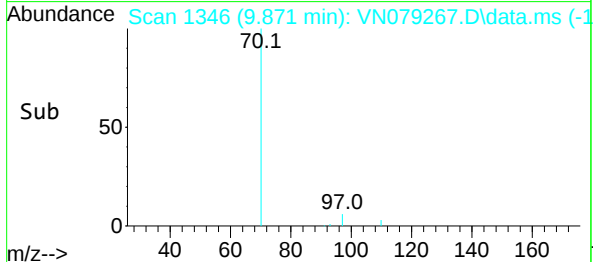
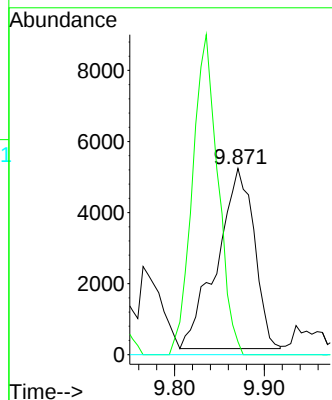
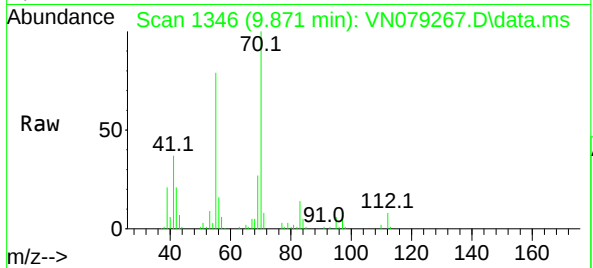




#47
Bromodichloromethane
Concen: 4.065 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

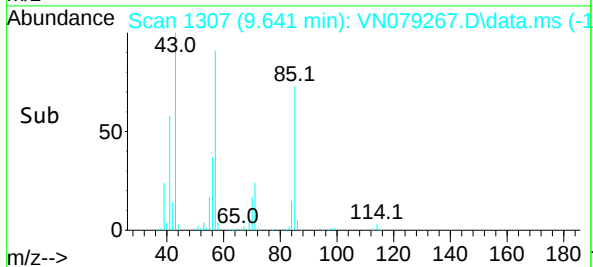
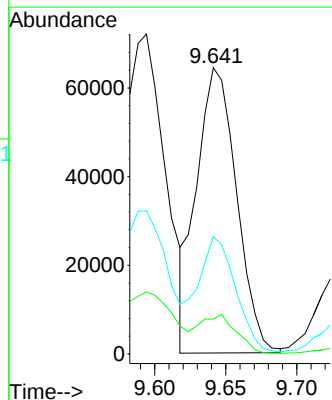
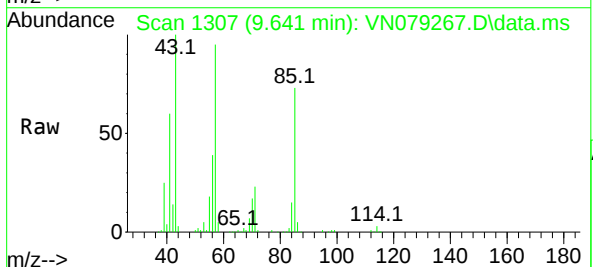
Instrument :
MSVOA_N
ClientSampleId :

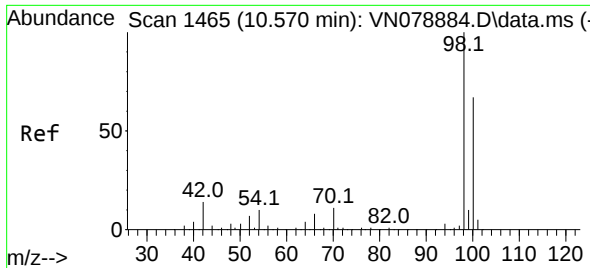
Tgt Ion: 83 Resp: 14569
Ion Ratio Lower Upper
83 100
85 7.2 49.6 74.4#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 51.043 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.047 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 41 Resp: 126255
Ion Ratio Lower Upper
41 100
69 12.6 90.4 135.6#
39 39.9 54.6 81.8#

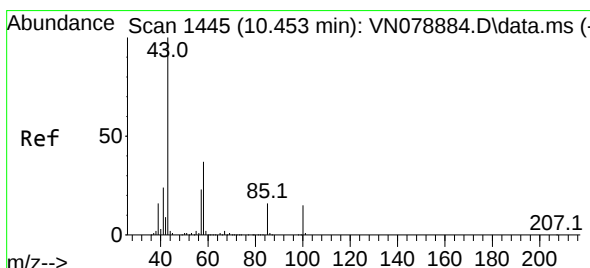
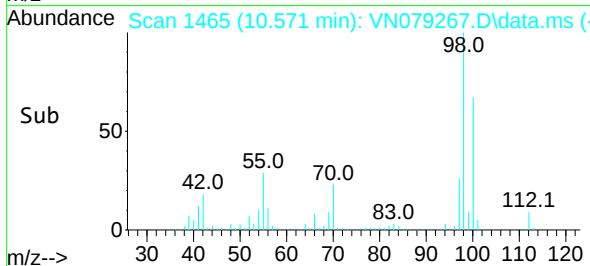
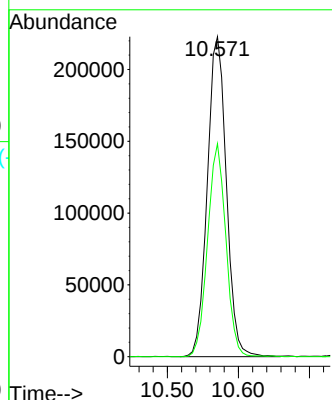
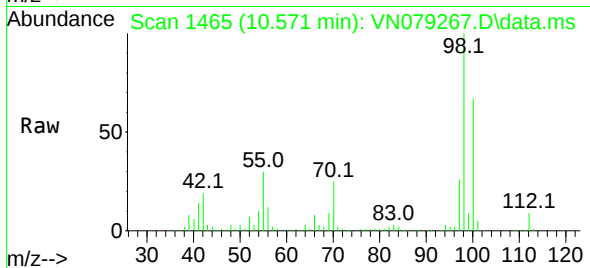




#50
Toluene-d8
Concen: 51.409 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

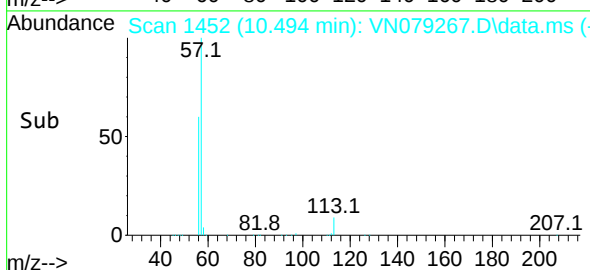
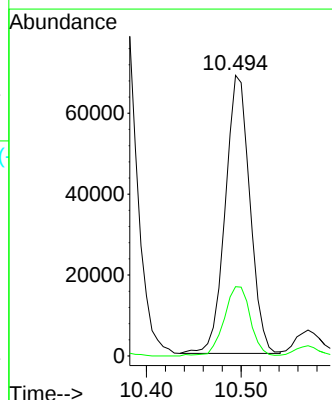
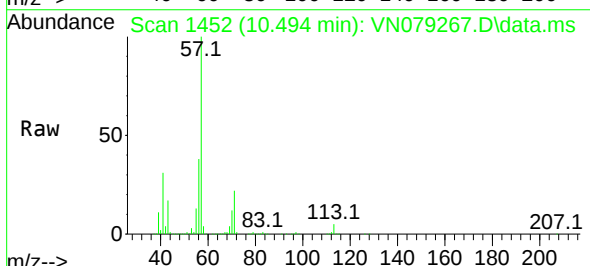
Instrument :
MSVOA_N
ClientSampleId :

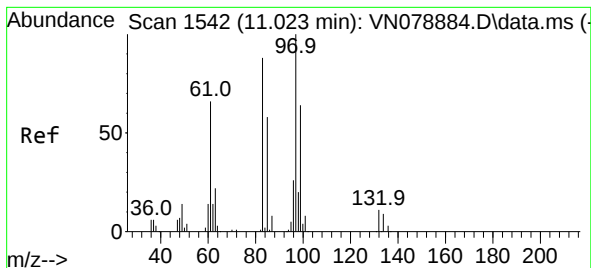
Tgt Ion: 98 Resp: 415531
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 38.781 ug/l
RT: 10.494 min Scan# 1452
Delta R.T. 0.041 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 43 Resp: 124316
Ion Ratio Lower Upper
43 100
58 26.6 36.6 54.8#





#55

1,1,2-Trichloroethane

Concen: 36.123 ug/l

RT: 11.006 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 90480

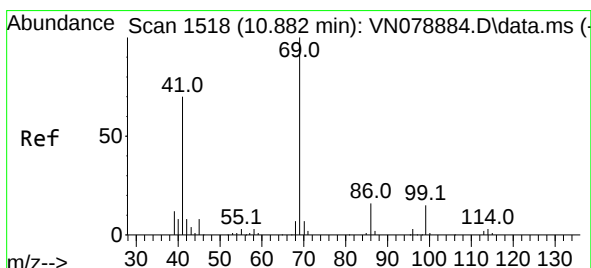
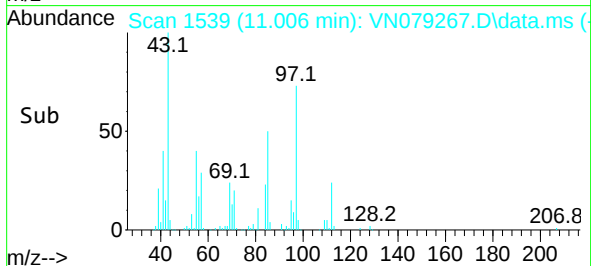
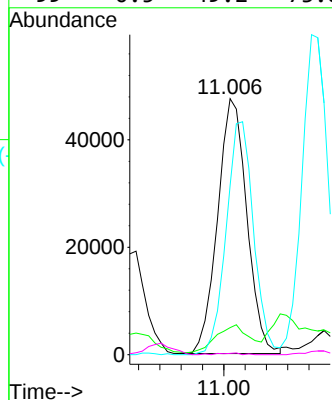
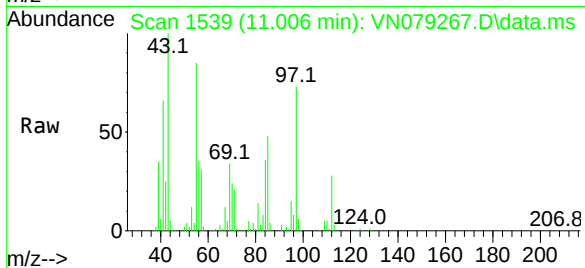
Ion Ratio Lower Upper

97 100

83 9.6 65.1 97.7#

85 66.4 43.4 65.2#

99 0.5 49.2 73.8#



#56

Ethyl methacrylate

Concen: 2.941 ug/l

RT: 10.865 min Scan# 1515

Delta R.T. -0.012 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

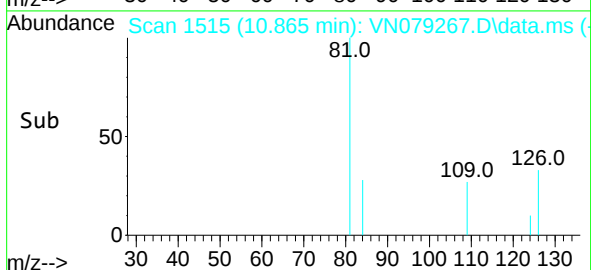
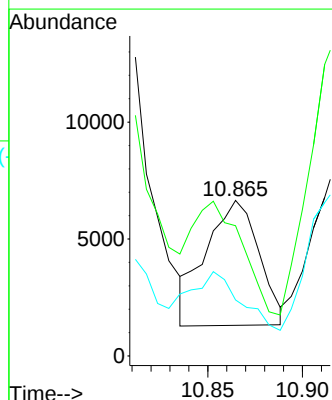
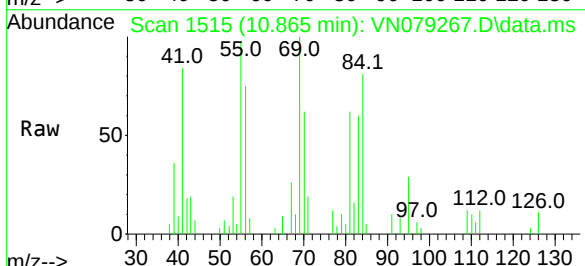
Tgt Ion: 69 Resp: 10397

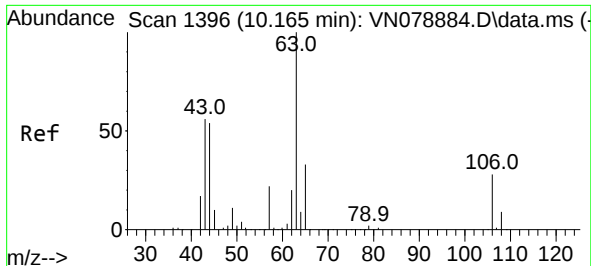
Ion Ratio Lower Upper

69 100

41 84.4 39.6 59.4#

39 44.8 28.6 43.0#

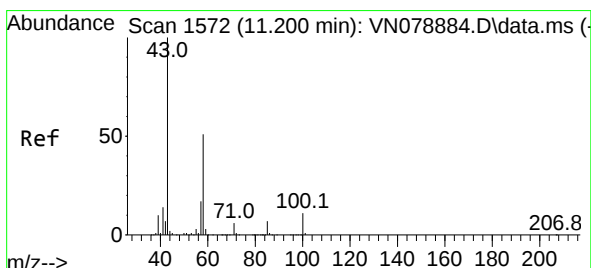
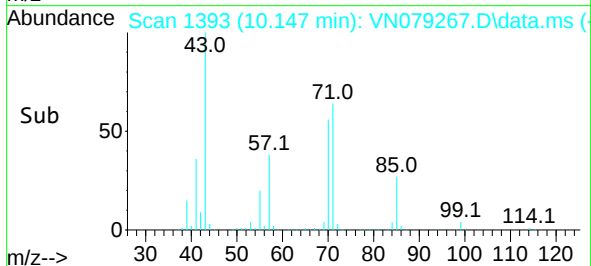
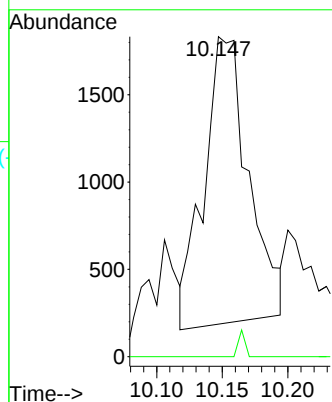
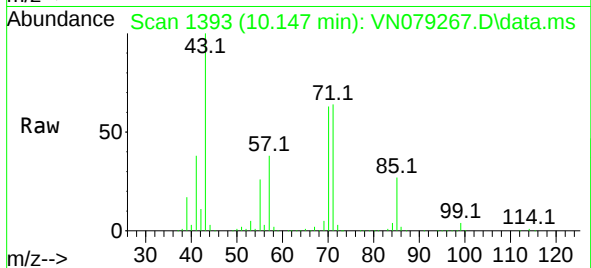




#58
2-Chloroethyl Vinyl ether
Concen: 2.243 ug/l
RT: 10.147 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

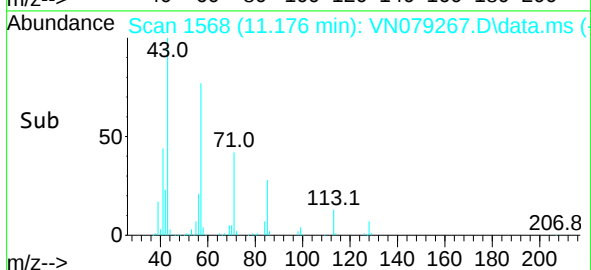
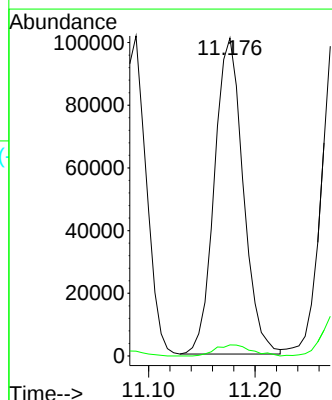
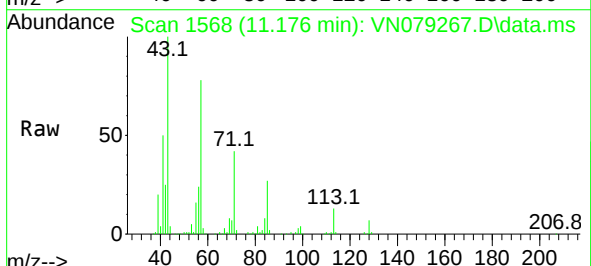
Instrument :
MSVOA_N
ClientSampleId :

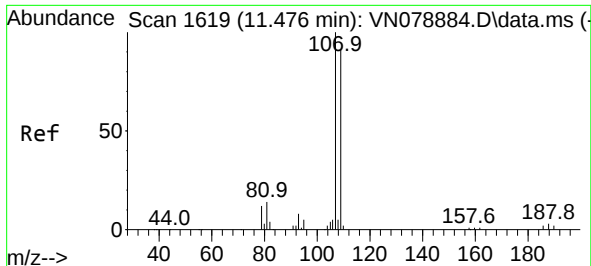
Tgt Ion: 63 Resp: 3890
Ion Ratio Lower Upper
63 100
106 1.4 26.2 39.4#



#59
2-Hexanone
Concen: 81.518 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

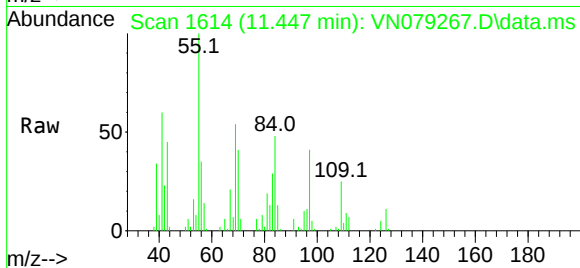
Tgt Ion: 43 Resp: 189266
Ion Ratio Lower Upper
43 100
58 4.3 31.7 95.1#



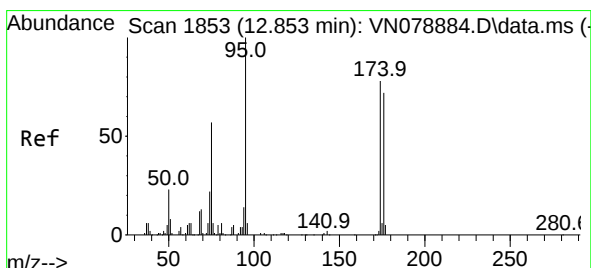
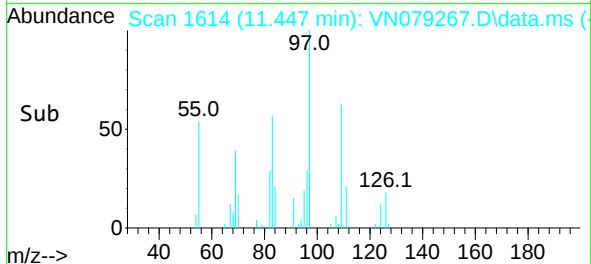
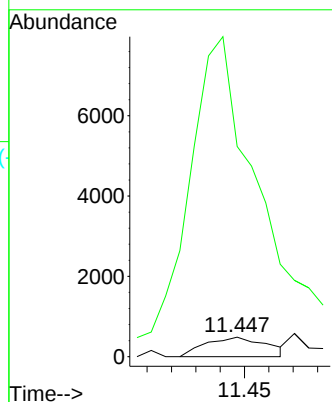


#61
1,2-Dibromoethane
Concen: 0.339 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :

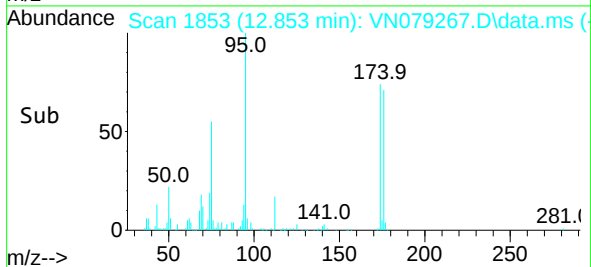
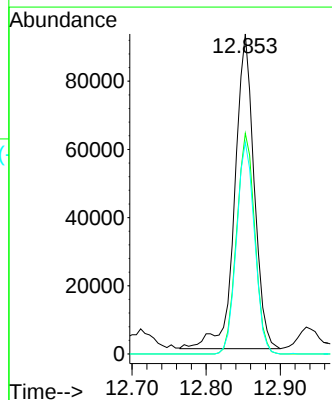
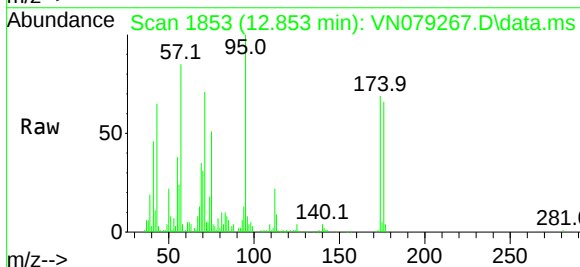


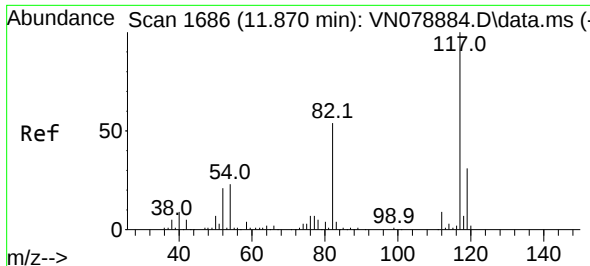
Tgt Ion:107 Resp: 848
Ion Ratio Lower Upper
107 100
109 1842.0 76.6 114.8#



#62
4-Bromofluorobenzene
Concen: 65.139 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

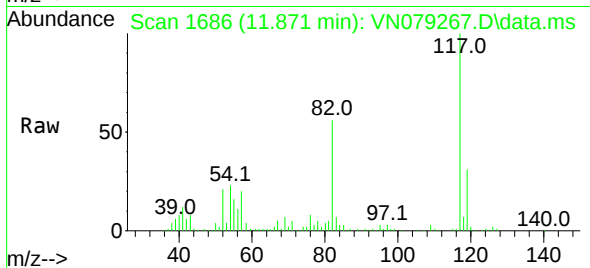
Tgt Ion: 95 Resp: 167946
Ion Ratio Lower Upper
95 100
174 65.5 0.0 143.8
176 62.5 0.0 135.8



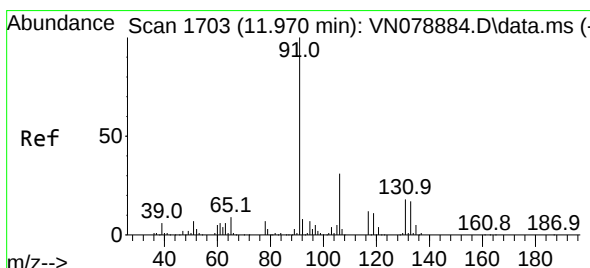
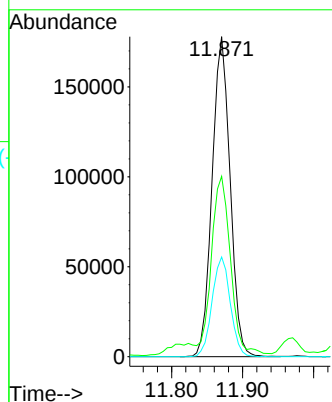
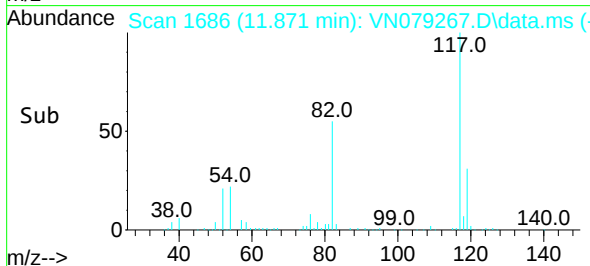


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :

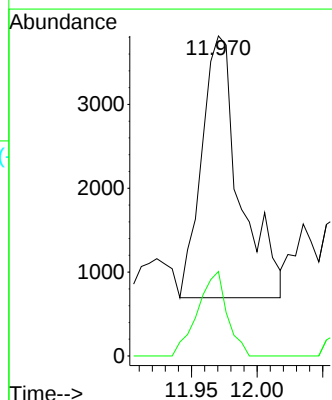
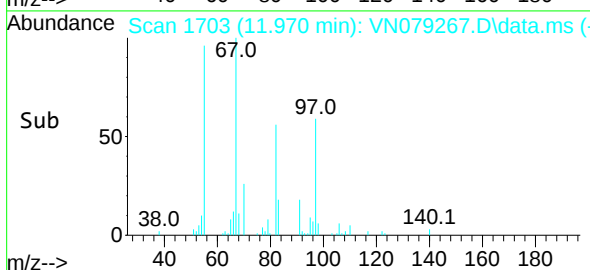
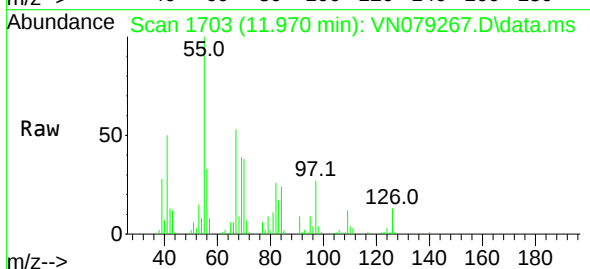


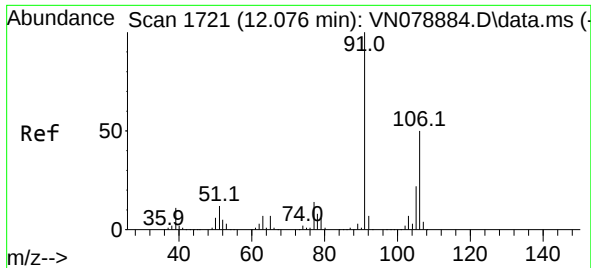
Tgt Ion:117 Resp: 312819
Ion Ratio Lower Upper
117 100
82 53.3 44.0 66.0
119 31.2 25.6 38.4



#67
Ethyl Benzene
Concen: 0.523 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 91 Resp: 6344
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

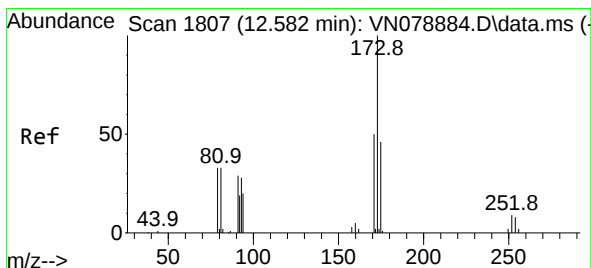
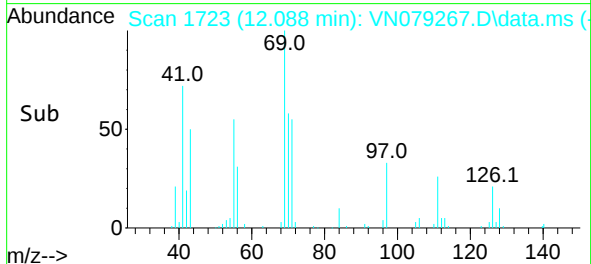
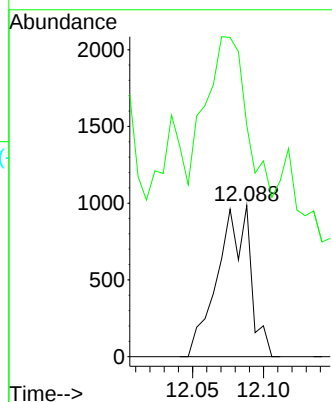
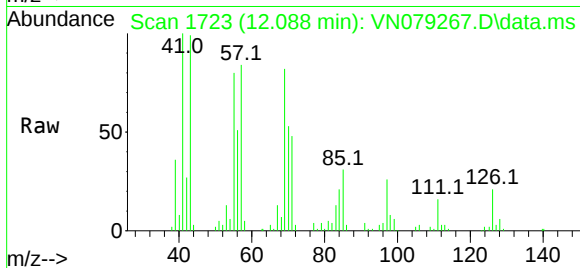




#68
m/p-Xylenes
Concen: 0.345 ug/l
RT: 12.088 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

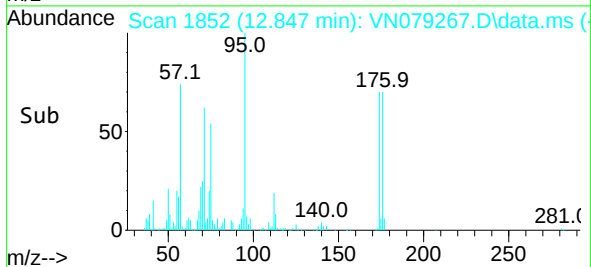
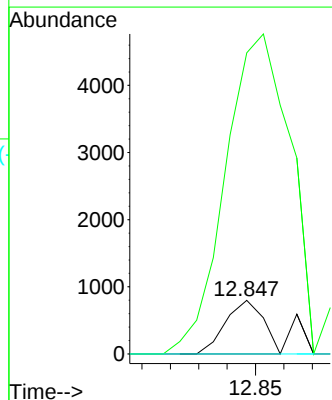
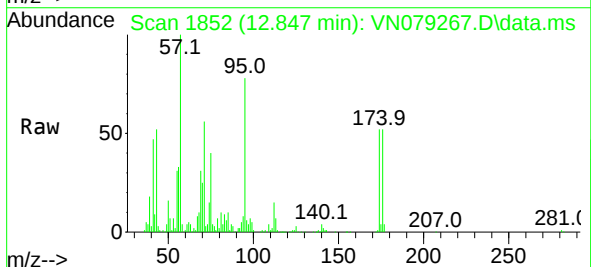
Instrument :
MSVOA_N
ClientSampleId :

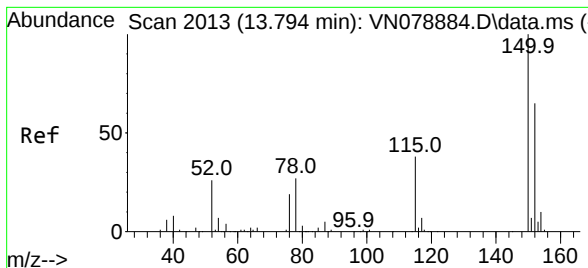
Tgt Ion:106 Resp: 1559
Ion Ratio Lower Upper
106 100
91 142.2 159.6 239.4#



#71
Bromoform
Concen: 0.379 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion:173 Resp: 743
Ion Ratio Lower Upper
173 100
175 871.1 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# 20

Delta R.T. -0.000 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

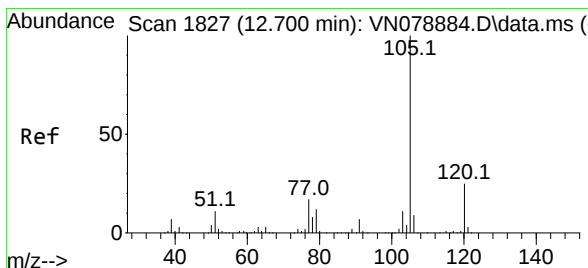
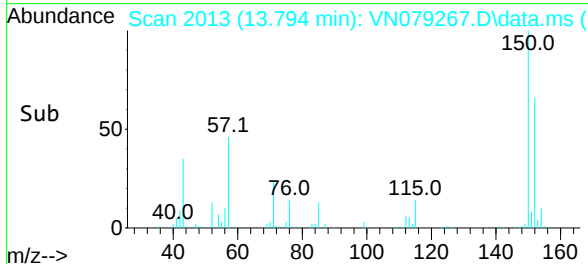
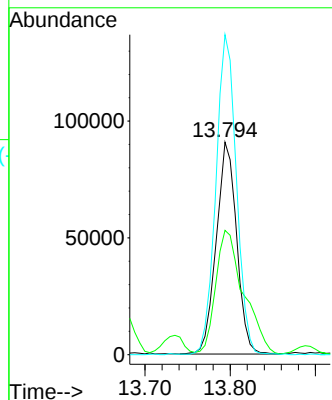
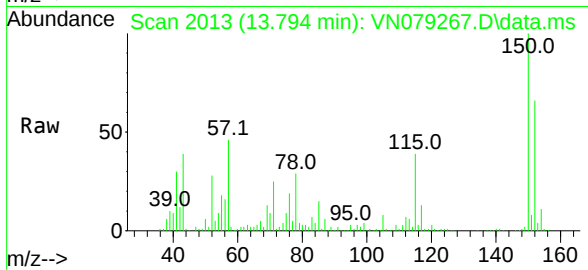
Tgt Ion:152 Resp: 150906

Ion Ratio Lower Upper

152 100

115 80.0 32.3 96.8

150 152.2 0.0 355.8



#73

Isopropylbenzene

Concen: 3.261 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN079267.D

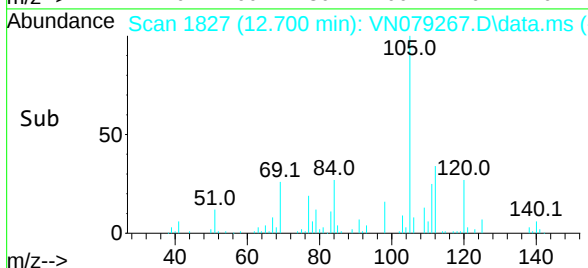
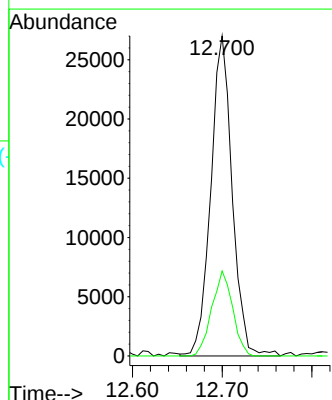
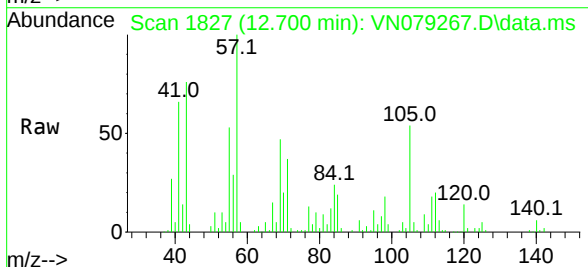
Acq: 15 Sep 2023 13:08

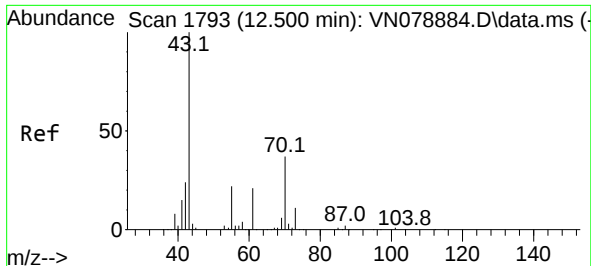
Tgt Ion:105 Resp: 44774

Ion Ratio Lower Upper

105 100

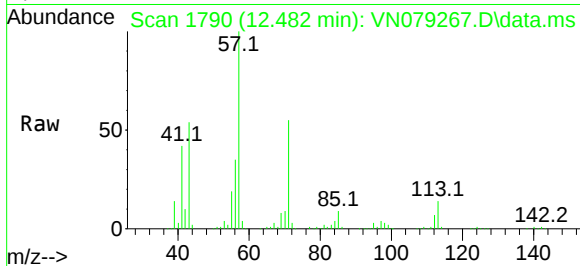
120 25.8 13.1 39.1



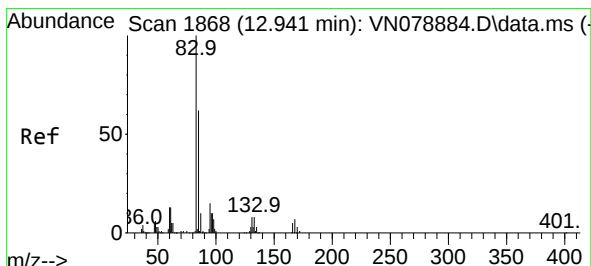
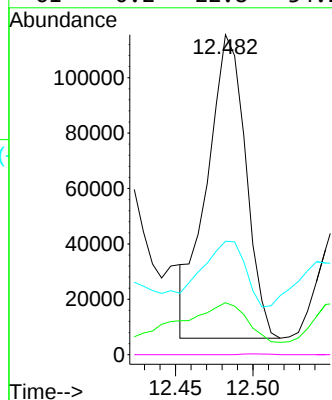
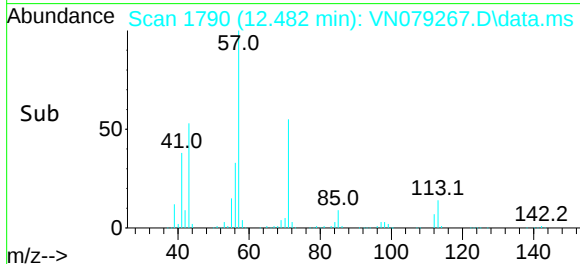


#74
N-amy1 acetate
Concen: 36.506 ug/l
RT: 12.482 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :

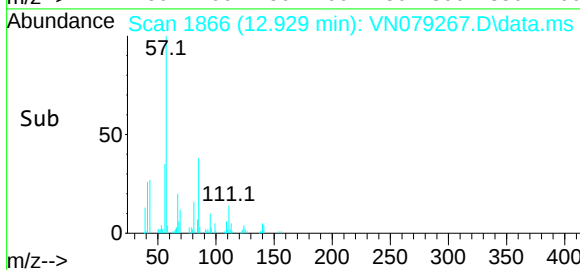
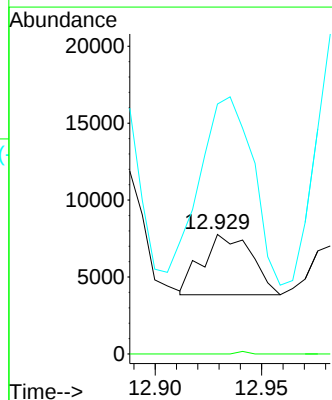
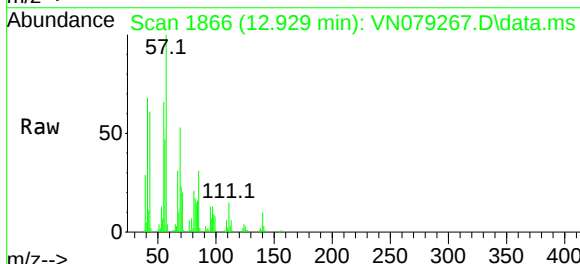


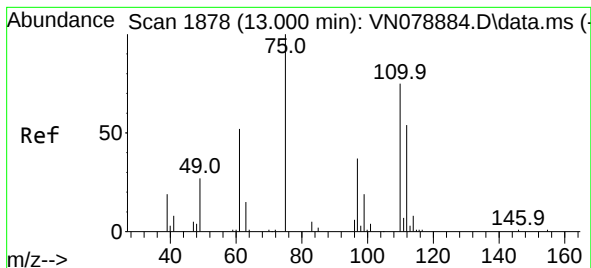
Tgt Ion: 43 Resp: 190159
Ion Ratio Lower Upper
43 100
70 21.5 43.4 65.2#
55 23.6 21.4 32.0
61 0.2 22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.236 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.012 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion: 83 Resp: 6321
Ion Ratio Lower Upper
83 100
131 0.9 5.0 15.0#
85 396.2 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 2.011 ug/l

RT: 13.135 min Scan# 1901

Delta R.T. 0.135 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

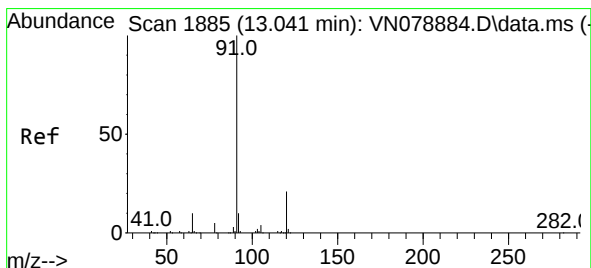
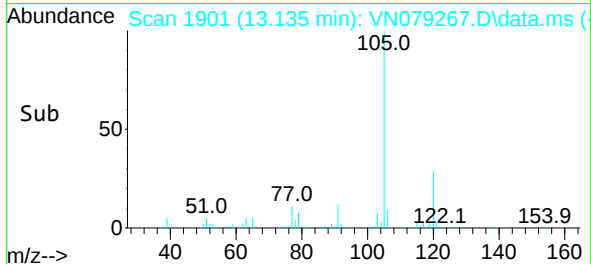
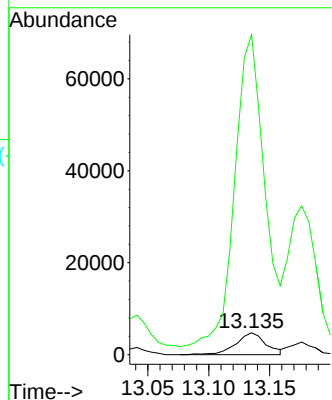
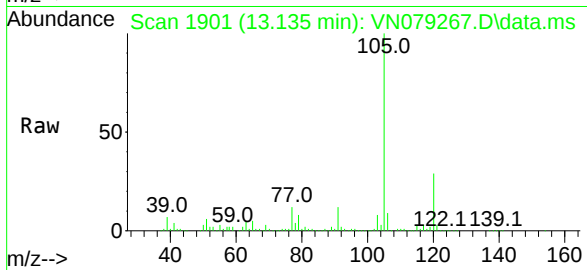
ClientSampleId :

Tgt Ion: 75 Resp: 8179

Ion Ratio Lower Upper

75 100

77 1418.7 84.5 253.5#



#78

n-propylbenzene

Concen: 16.491 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079267.D

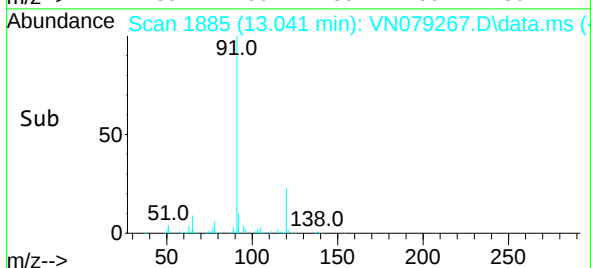
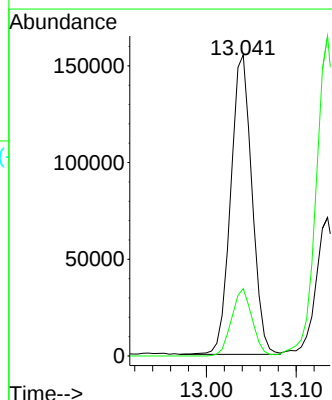
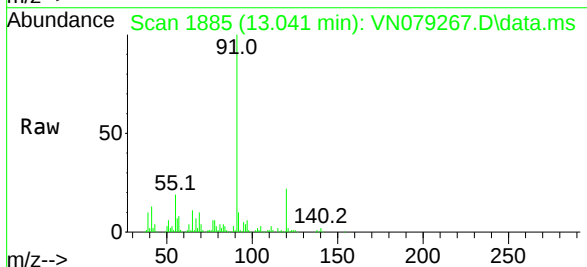
Acq: 15 Sep 2023 13:08

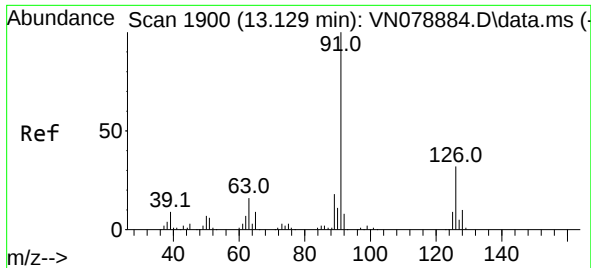
Tgt Ion: 91 Resp: 254353

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

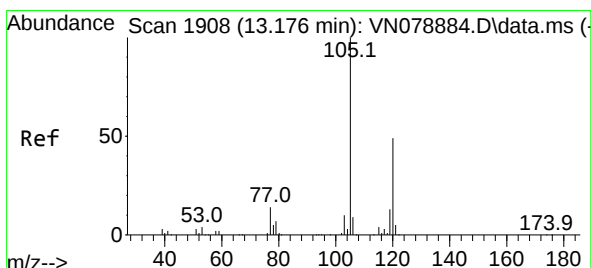
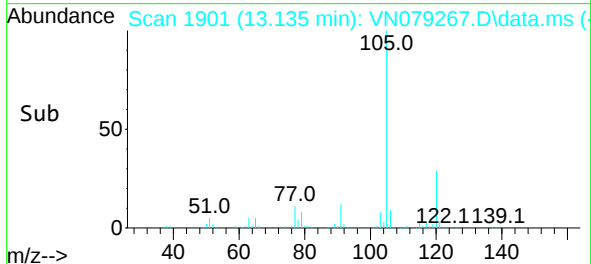
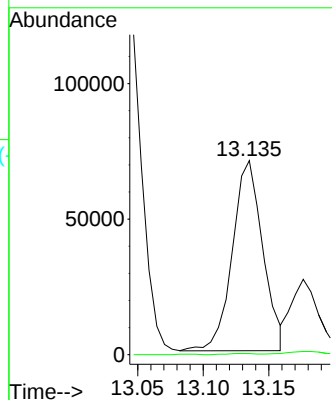
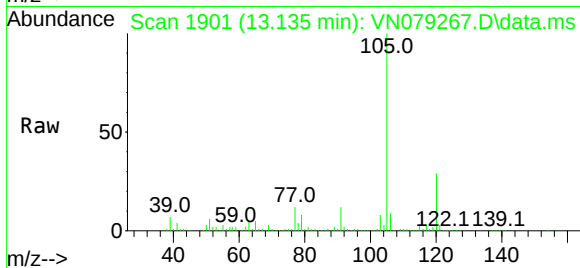




#79
2-Chlorotoluene
Concen: 11.289 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

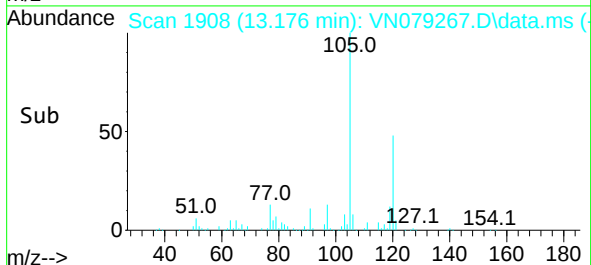
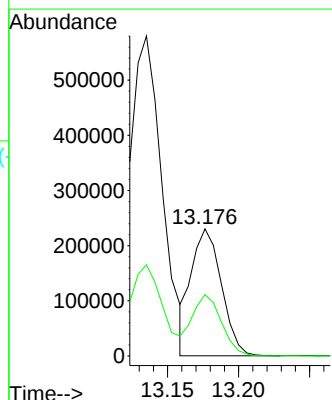
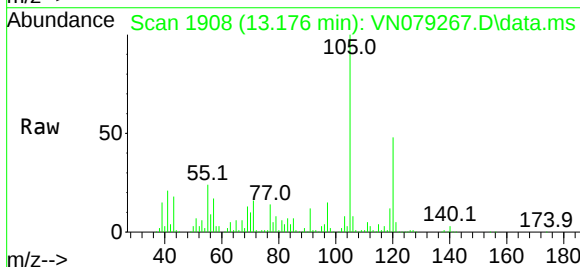
Instrument :
MSVOA_N
ClientSampleId :

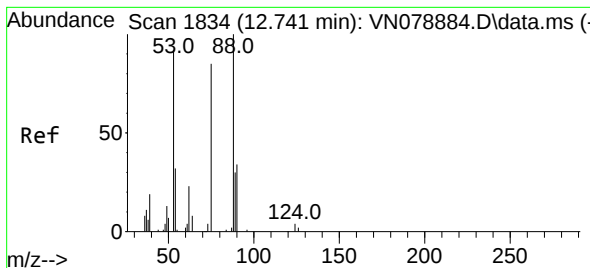
Tgt Ion: 91 Resp: 113881
Ion Ratio Lower Upper
91 100
126 0.6 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 29.756 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

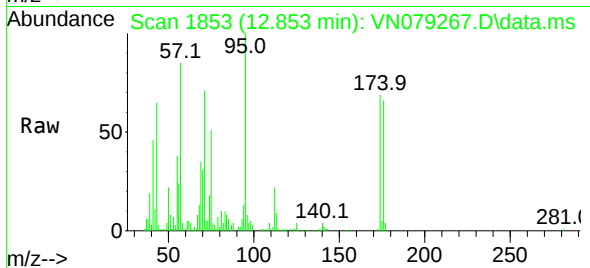
Tgt Ion:105 Resp: 340413
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3



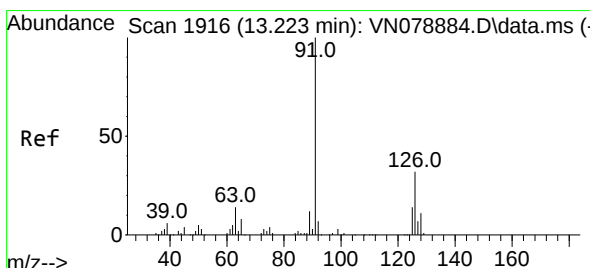
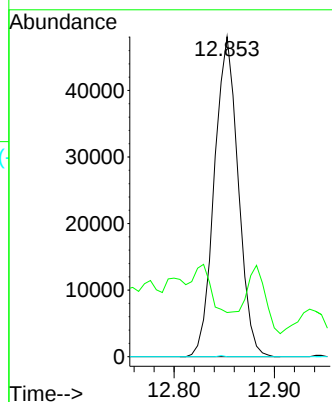
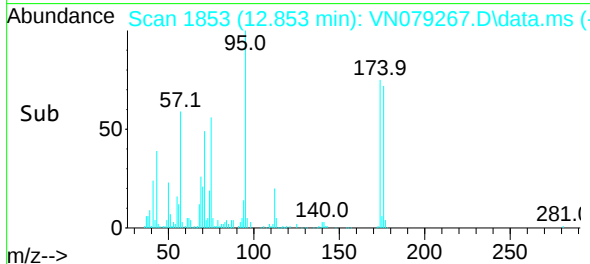


#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.619 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

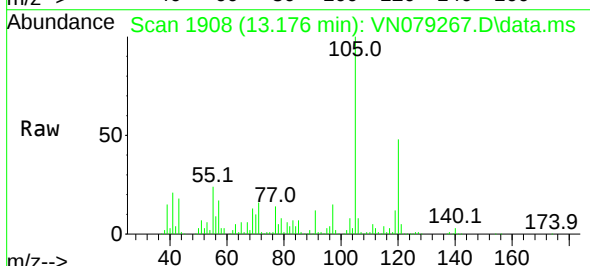
Instrument :
 MSVOA_N
 ClientSampleId :



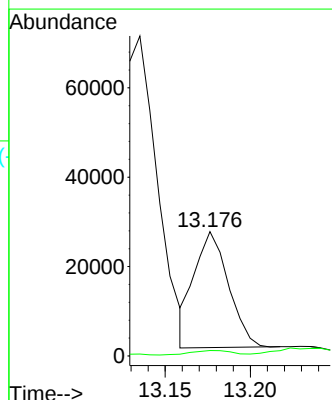
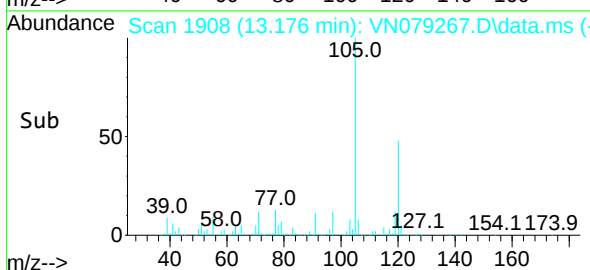
Tgt Ion: 75 Resp: 79323
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.2#
 89 0.0 38.8 58.2#

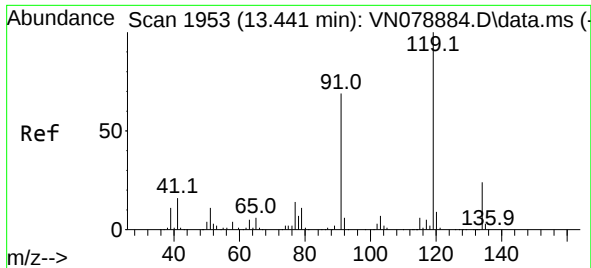


#82
 4-Chlorotoluene
 Concen: 3.835 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.053 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08



Tgt Ion: 91 Resp: 36350
 Ion Ratio Lower Upper
 91 100
 126 6.0 16.7 50.0#

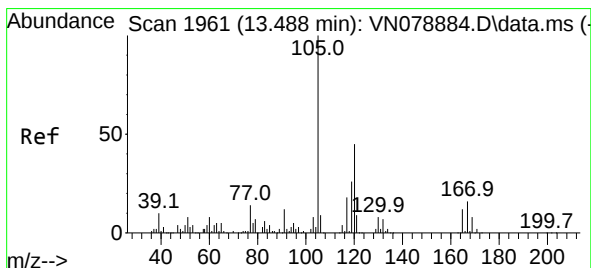
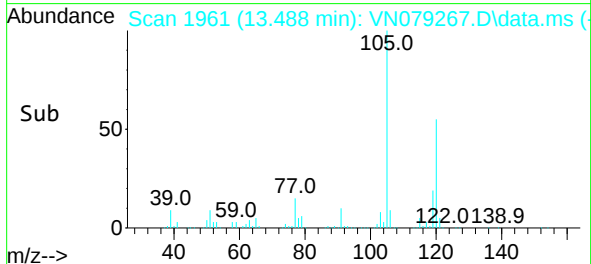
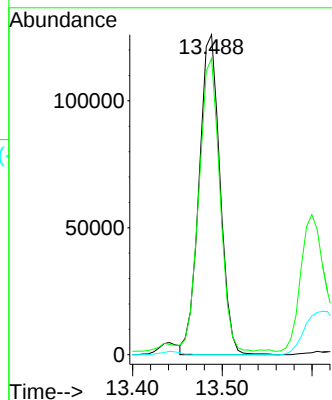
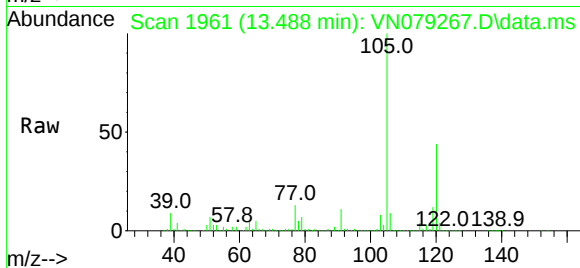




#83
 tert-Butylbenzene
 Concen: 21.537 ug/l
 RT: 13.488 min Scan# 1953
 Delta R.T. 0.047 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

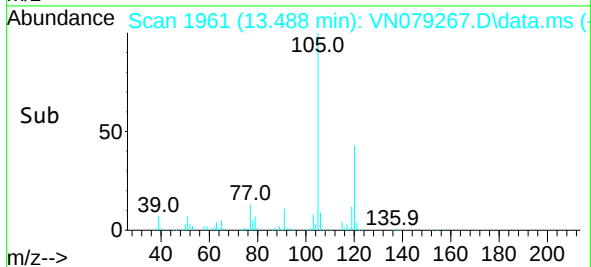
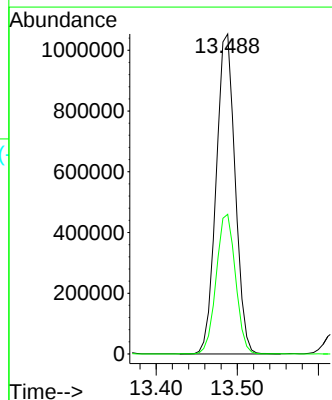
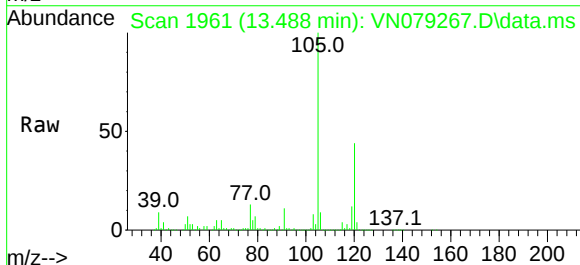
Instrument :
 MSVOA_N
 ClientSampleId :

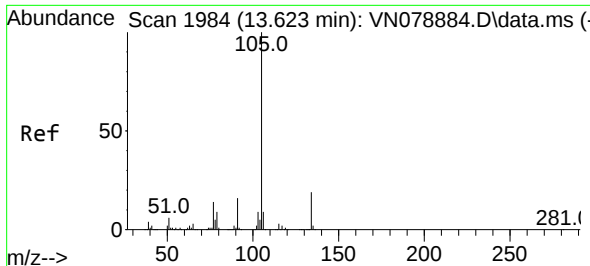
Tgt Ion:119 Resp: 203826
 Ion Ratio Lower Upper
 119 100
 91 93.3 33.9 101.7
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 156.945 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Tgt Ion:105 Resp: 1709950
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0

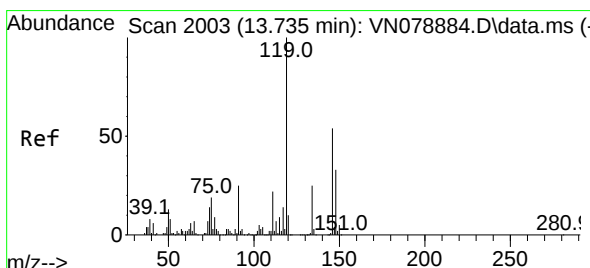
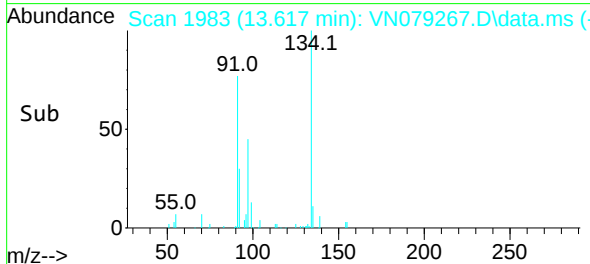
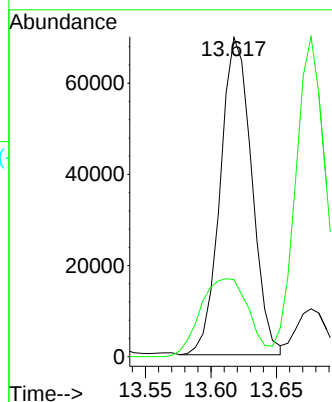
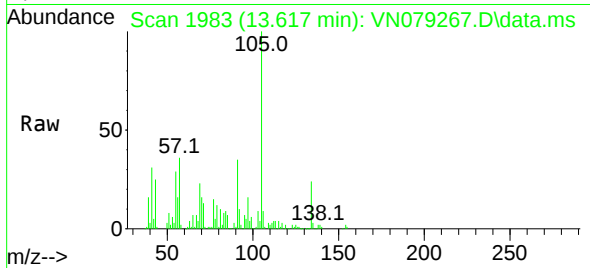




#85
 sec-Butylbenzene
 Concen: 8.936 ug/l
 RT: 13.617 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

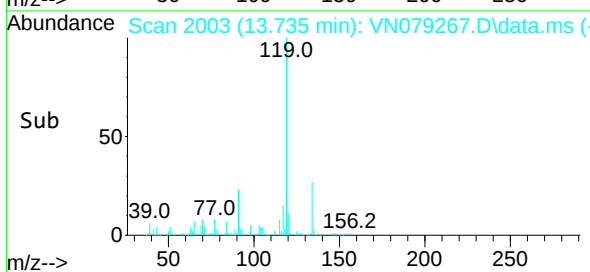
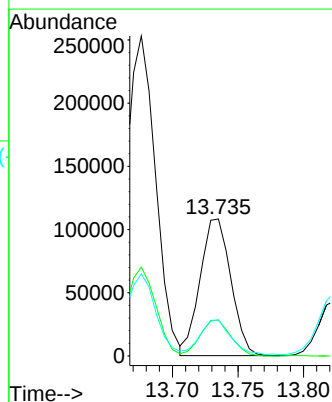
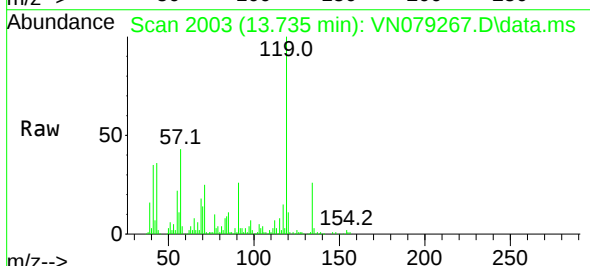
Instrument :
 MSVOA_N
 ClientSampleId :

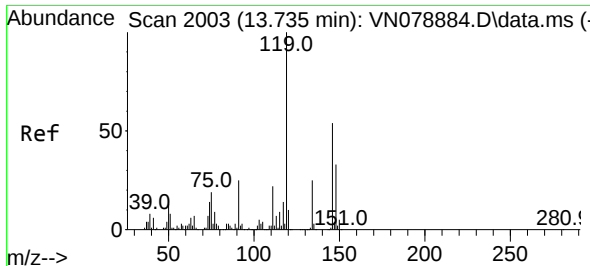
Tgt Ion:105 Resp: 116432
 Ion Ratio Lower Upper
 105 100
 134 37.9 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 16.996 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Tgt Ion:119 Resp: 176918
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.320 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

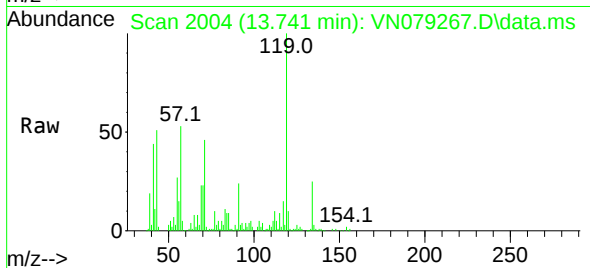
Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :



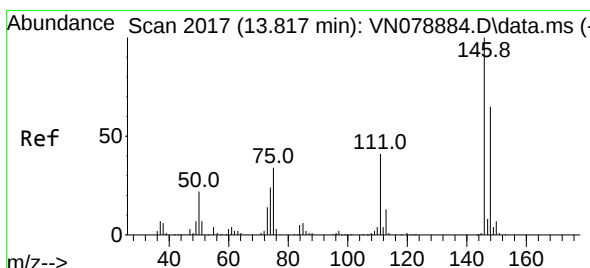
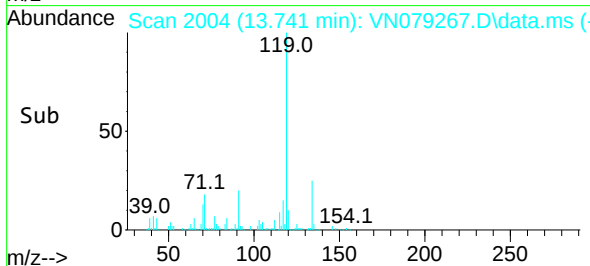
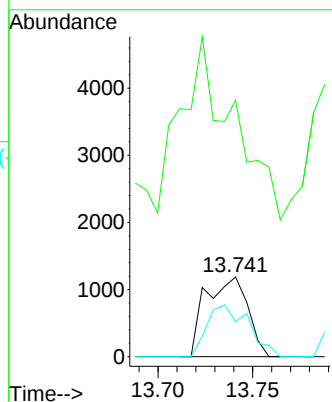
Tgt Ion:146 Resp: 1827

Ion Ratio Lower Upper

146 100

111 283.6 22.1 66.3#

148 64.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.406 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

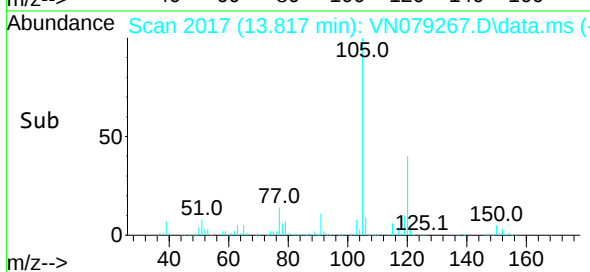
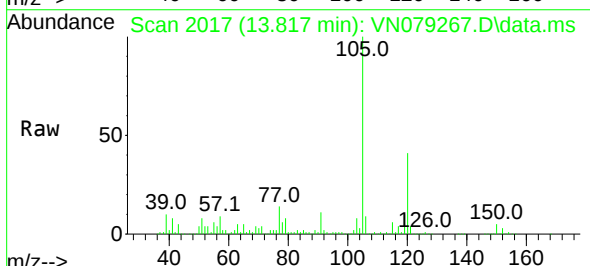
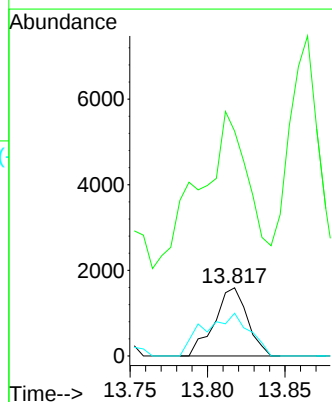
Tgt Ion:146 Resp: 2342

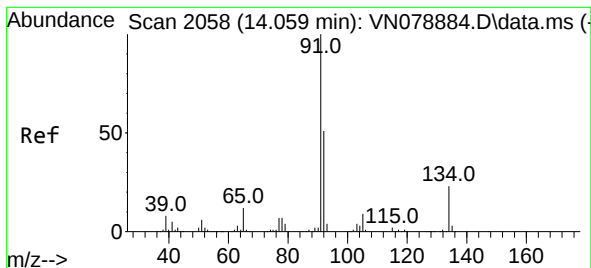
Ion Ratio Lower Upper

146 100

111 341.8 20.6 61.8#

148 86.5 31.6 94.8





#89

n-Butylbenzene

Concen: 109.165 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.030 min

Lab File: VN079267.D

Acq: 15 Sep 2023 13:08

Instrument :

MSVOA_N

ClientSampleId :

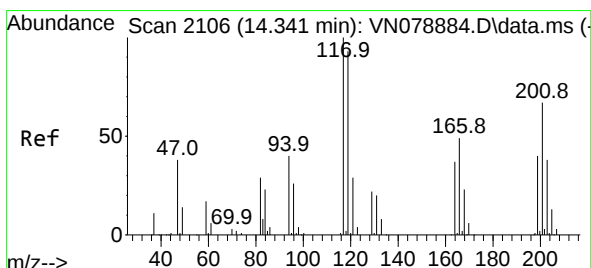
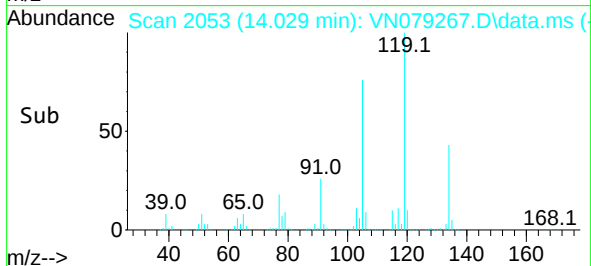
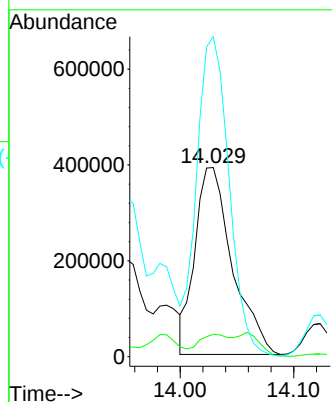
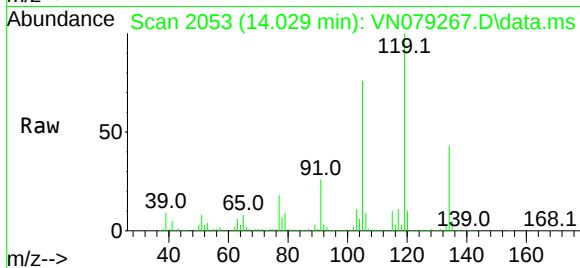
Tgt Ion: 91 Resp: 893582

Ion Ratio Lower Upper

91 100

92 6.1 26.4 79.0#

134 147.6 12.6 37.6#



#90

Hexachloroethane

Concen: 280.053 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079267.D

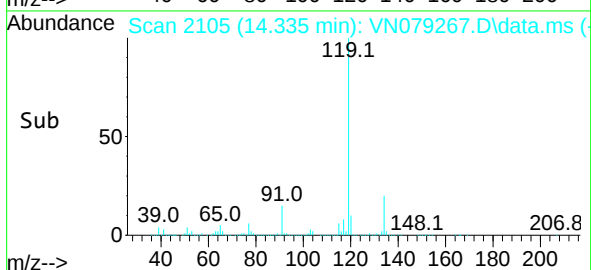
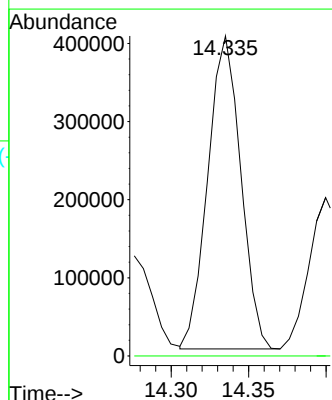
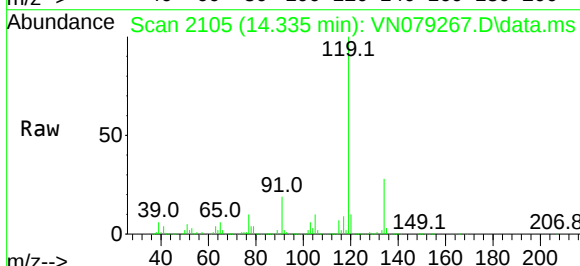
Acq: 15 Sep 2023 13:08

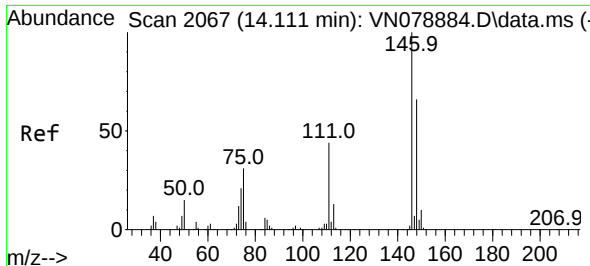
Tgt Ion: 117 Resp: 591997

Ion Ratio Lower Upper

117 100

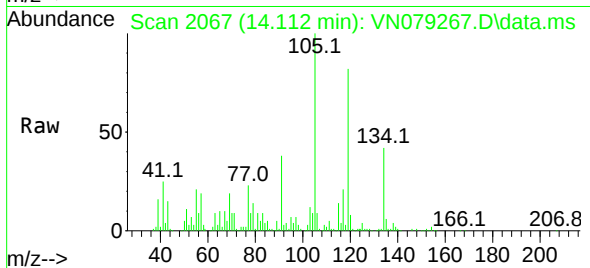
201 0.0 29.3 88.0#



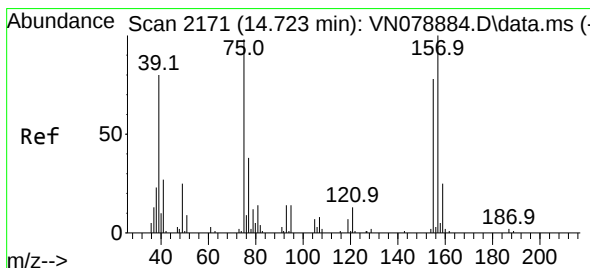
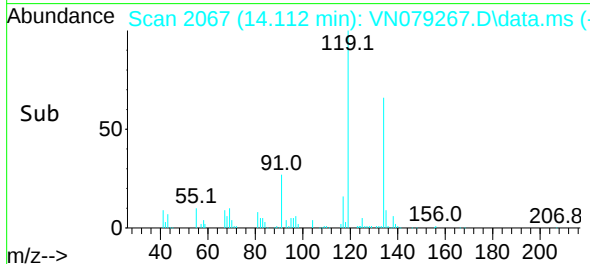
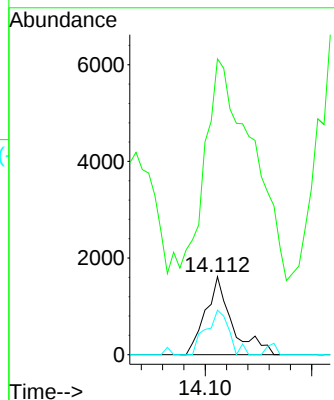


#91
 1,2-Dichlorobenzene
 Concen: 0.494 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Instrument :
 MSVOA_N
 ClientSampleId :

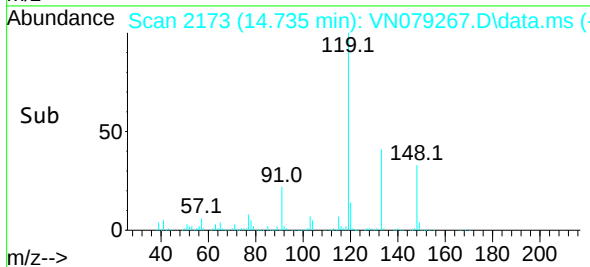
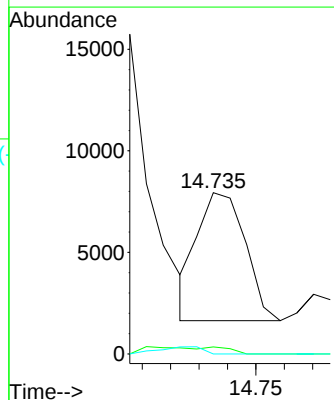
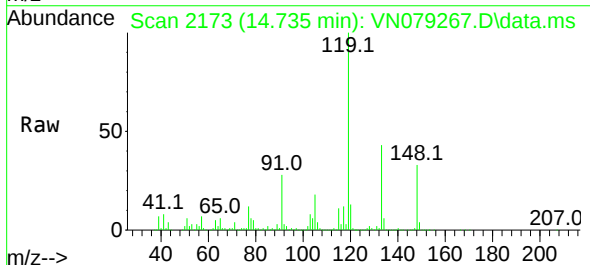


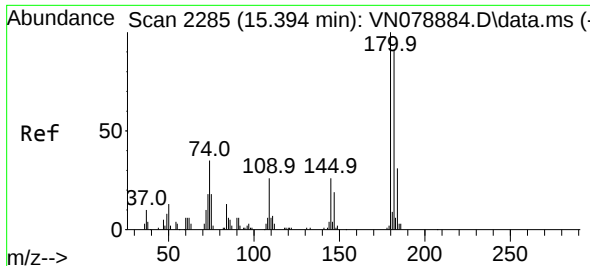
Tgt Ion:146 Resp: 2780
 Ion Ratio Lower Upper
 146 100
 111 507.0 22.0 66.0#
 148 49.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.489 ug/l
 RT: 14.735 min Scan# 2173
 Delta R.T. 0.012 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Tgt Ion: 75 Resp: 7375
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 5.0 50.3 150.9#

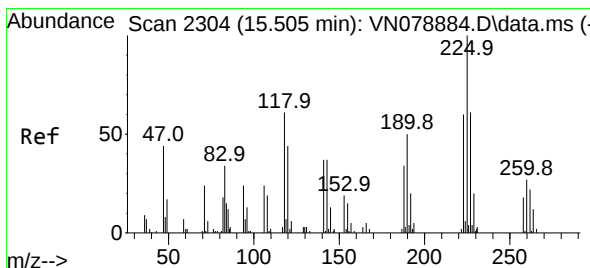
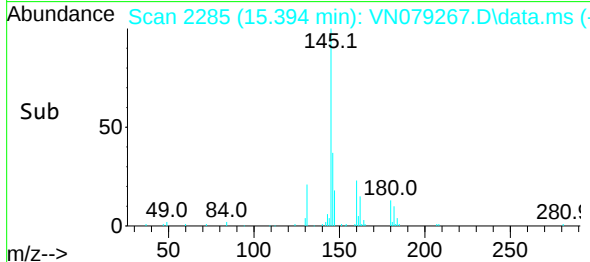
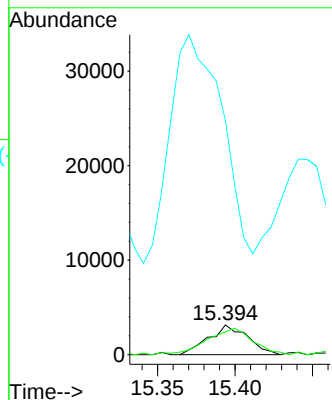
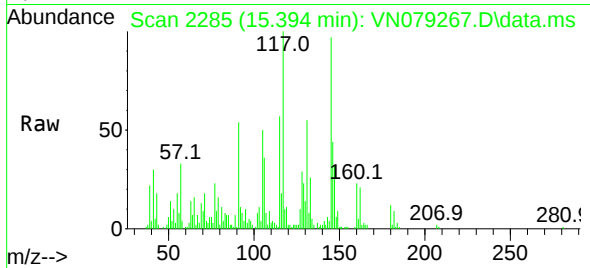




#93
 1,2,4-Trichlorobenzene
 Concen: 2.731 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

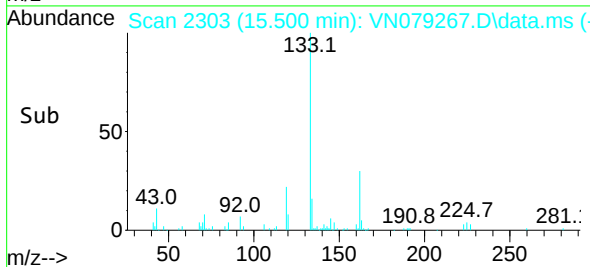
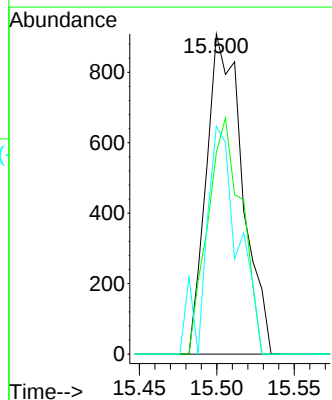
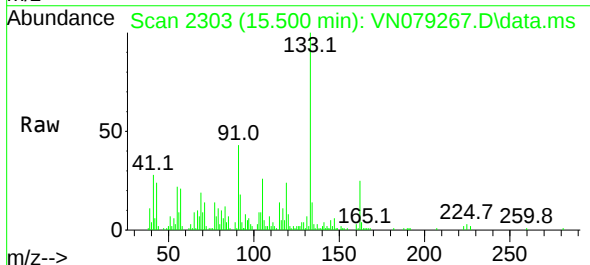
Instrument :
 MSVOA_N
 ClientSampleId :

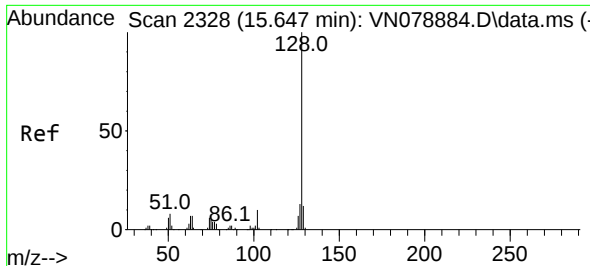
Tgt Ion:180 Resp: 5524
 Ion Ratio Lower Upper
 180 100
 182 104.1 46.1 138.2
 145 0.0 16.6 49.8#



#94
 Hexachlorobutadiene
 Concen: 0.924 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN079267.D
 Acq: 15 Sep 2023 13:08

Tgt Ion:225 Resp: 1470
 Ion Ratio Lower Upper
 225 100
 223 69.5 31.3 93.8
 227 63.9 31.9 95.9

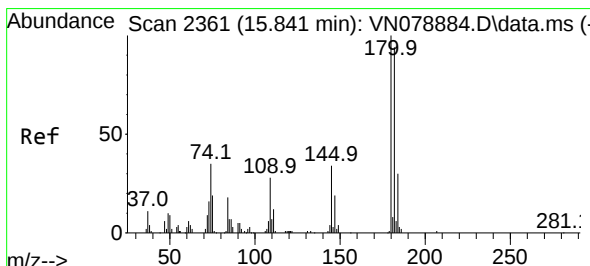
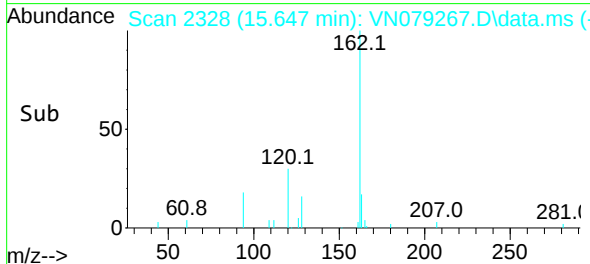
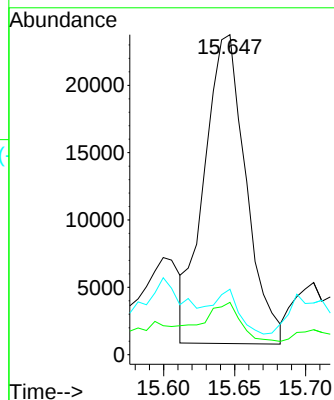
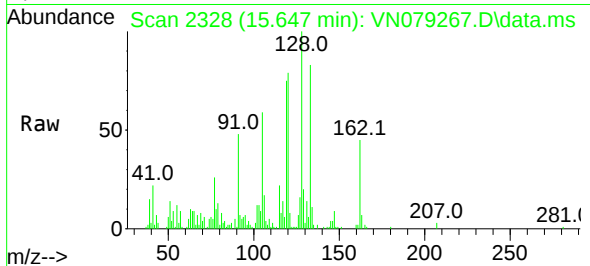




#95
Naphthalene
Concen: 7.789 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 46799
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 12.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.149 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079267.D
Acq: 15 Sep 2023 13:08

Tgt Ion:180 Resp: 7514
Ion Ratio Lower Upper
180 100
182 87.1 46.2 138.6
145 0.0 17.5 52.6#

