

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075143.D
 Acq On : 03 Nov 2022 14:49
 Operator : JC\MD
 Sample : N5395-19RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-5-103122RE

Quant Time: Nov 04 04:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

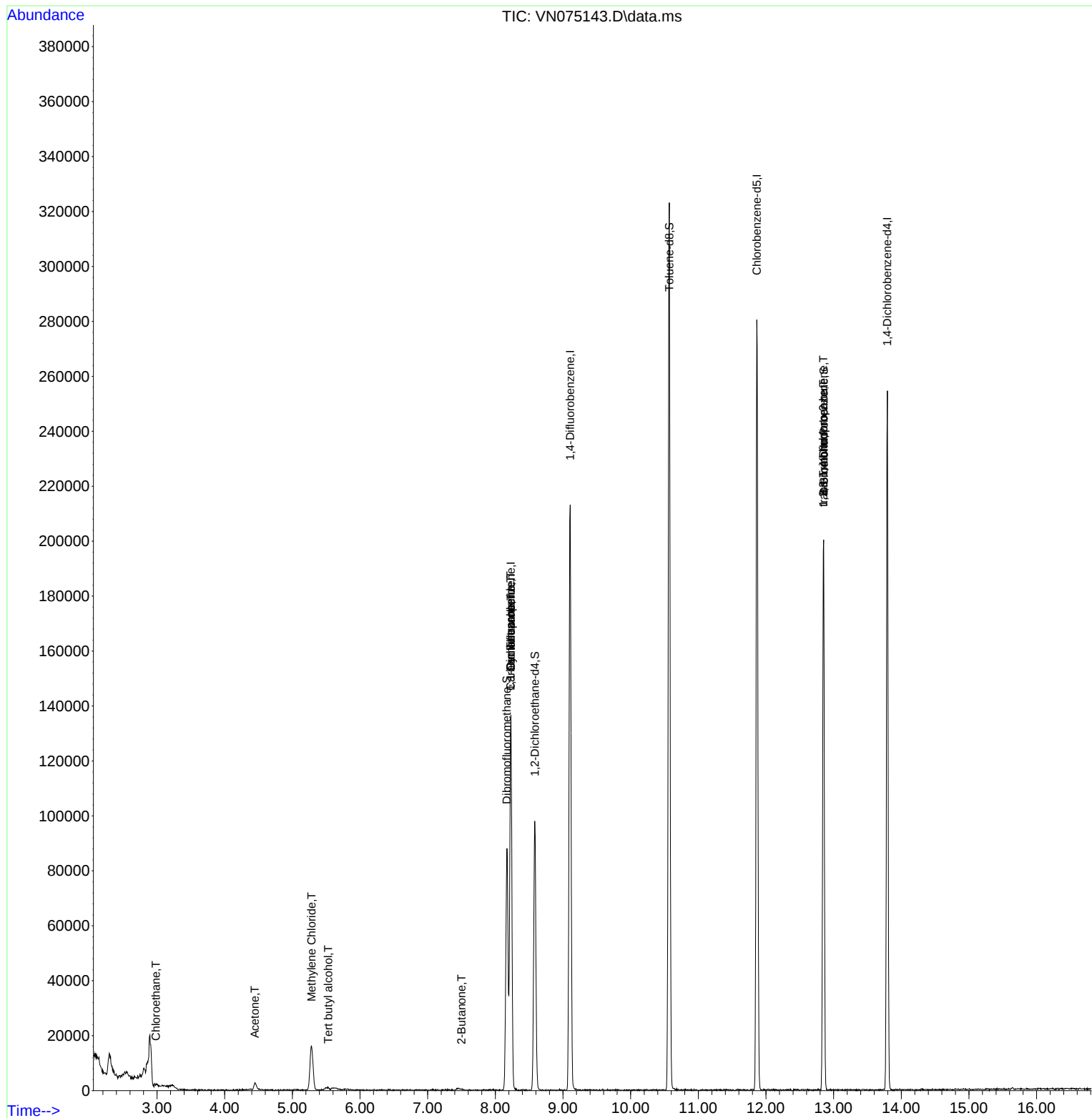
Internal Standards						
1) Pentafluorobenzene	8.230	168	94091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	159354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	62953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	80293	63.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.660%#	
35) Dibromofluoromethane	8.171	113	61634	56.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.400%	
50) Toluene-d8	10.571	98	225810	53.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.853	95	68867	46.072	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	367	Below Cal	#	66
6) Chloroethane	2.983	64	326	0.245	ug/l #	45
11) Tert butyl alcohol	5.530	59	264	0.893	ug/l #	72
16) Acetone	4.448	43	5104	9.508	ug/l	89
20) Methylene Chloride	5.283	84	13588	11.353	ug/l #	88
25) 2-Butanone	7.500	43	589	0.698	ug/l #	43
31) Cyclohexane	8.230	56	2290	1.215	ug/l #	66
36) 1,1-Dichloropropene	8.224	75	8138	4.793	ug/l #	51
38) Carbon Tetrachloride	8.224	117	10432	5.585	ug/l #	16
71) Bromoform	12.853	173	463	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	38188	28.570	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	38188	73.338	ug/l #	10

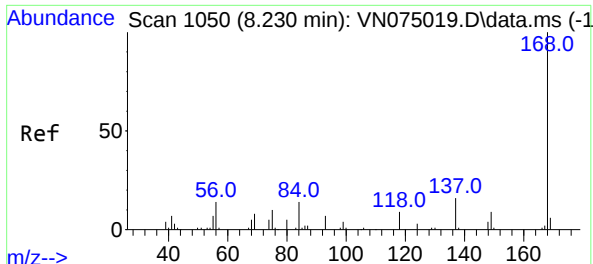
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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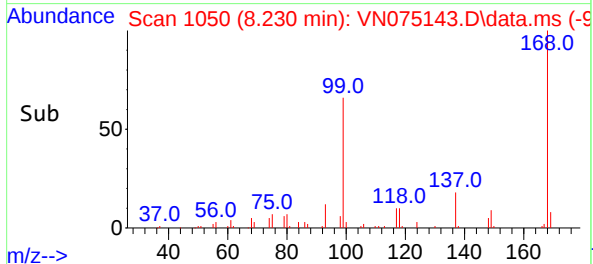
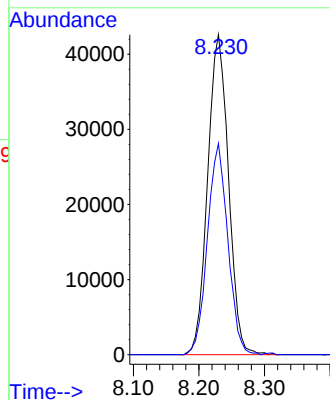
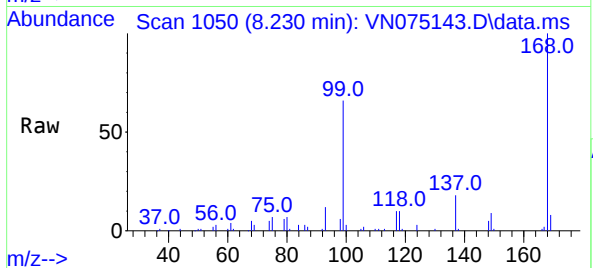




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

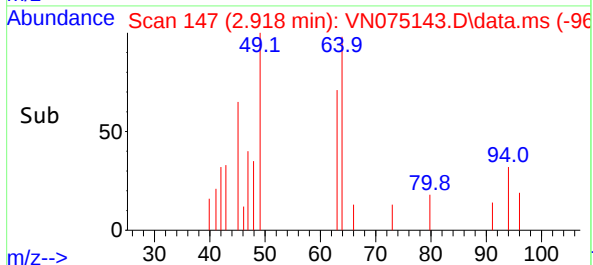
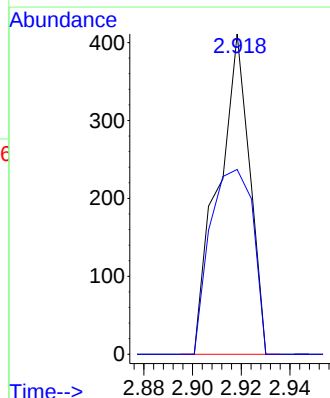
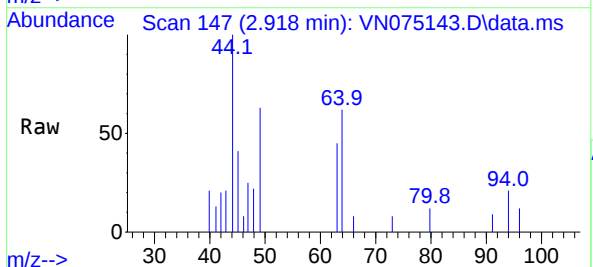
Instrument :
MSVOA_N
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S-5-103122RE

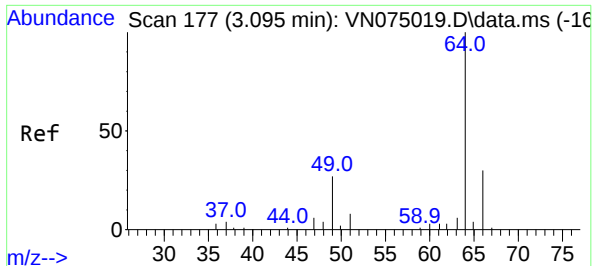
Tgt Ion:168 Resp: 94091
Ion Ratio Lower Upper
168 100
99 66.0 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 94 Resp: 367
Ion Ratio Lower Upper
94 100
96 57.7 71.8 107.6#

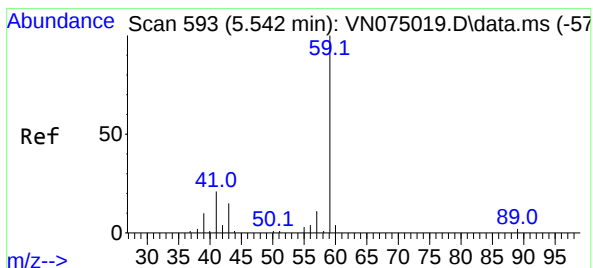
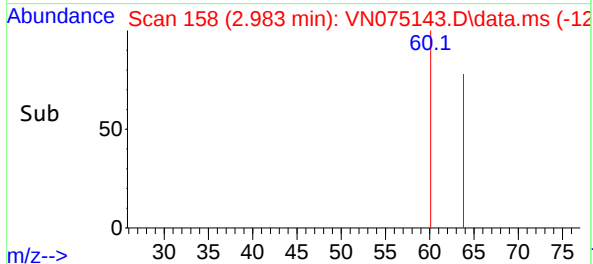
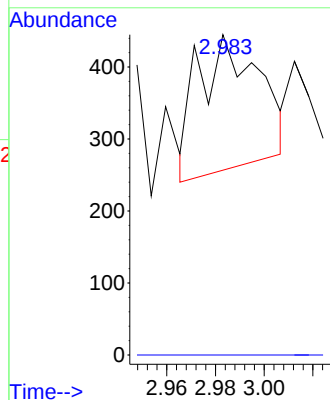
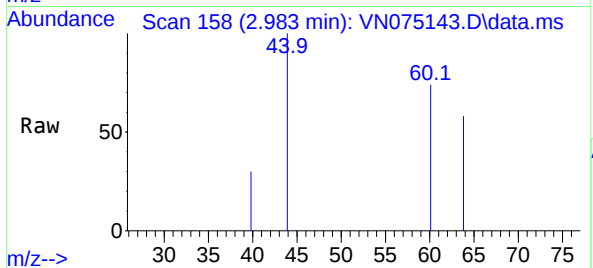




#6
Chloroethane
Concen: 0.245 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.112 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

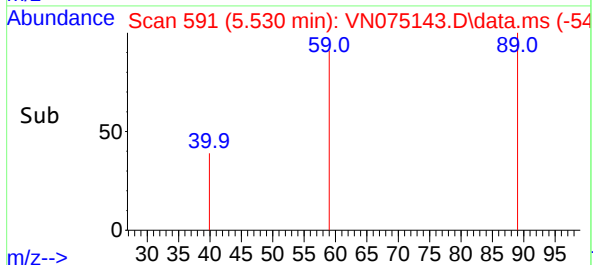
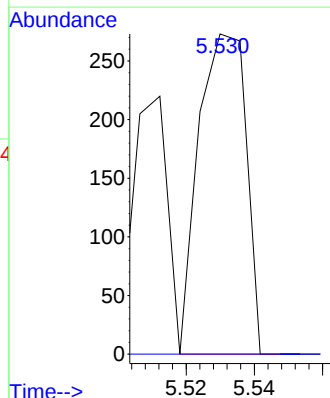
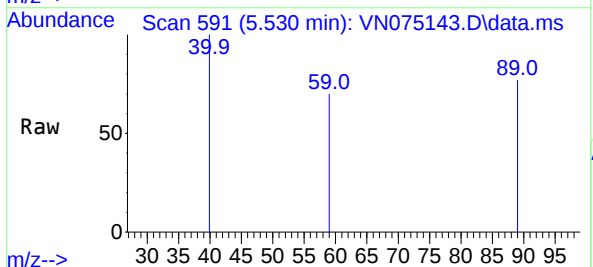
Instrument :
MSVOA_N
ClientSampleId :
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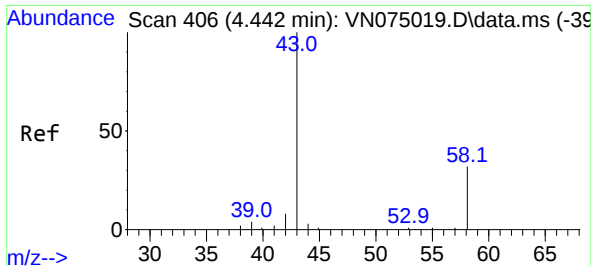
Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.893 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

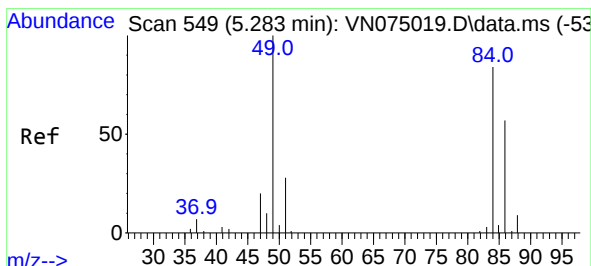
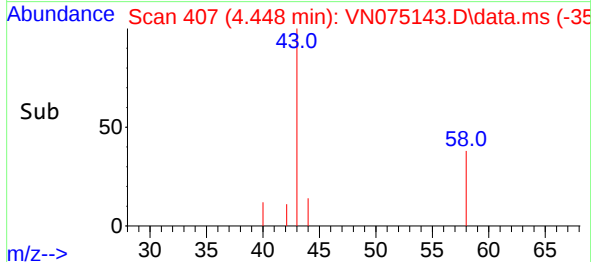
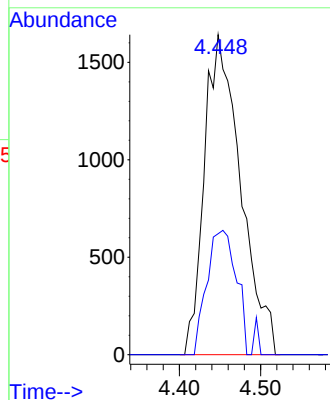
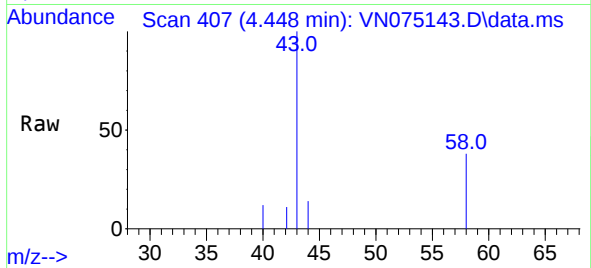




#16
Acetone
Concen: 9.508 ug/l
RT: 4.448 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

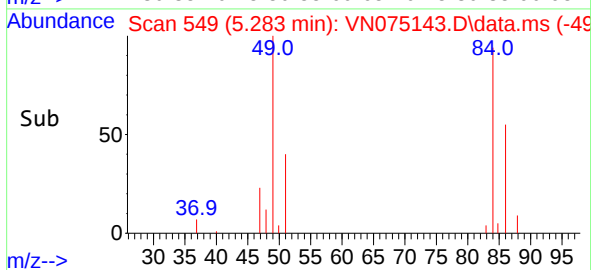
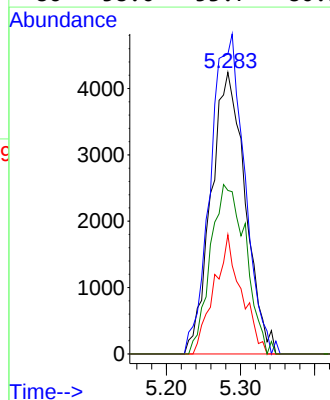
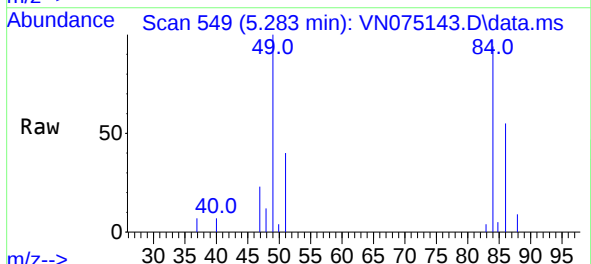
Instrument :
MSVOA_N
ClientSampleId :
S-5-103122RE

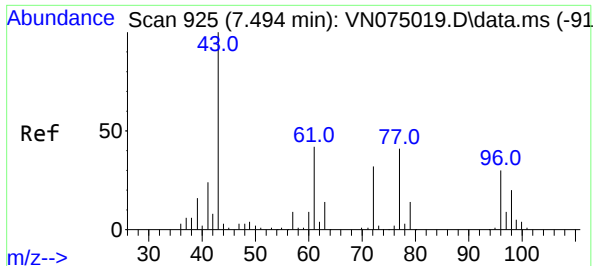
Tgt Ion: 43 Resp: 5104
Ion Ratio Lower Upper
43 100
58 37.8 25.5 38.3



#20
Methylene Chloride
Concen: 11.353 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 84 Resp: 13588
Ion Ratio Lower Upper
84 100
49 106.5 94.9 142.3
51 42.3 26.8 40.2#
86 58.0 53.7 80.5

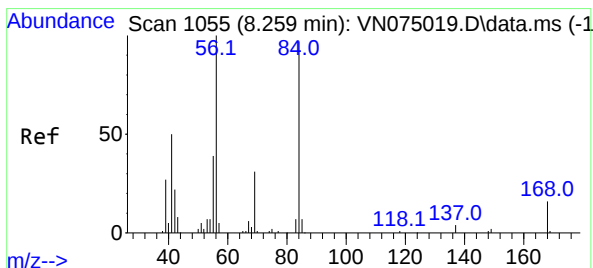
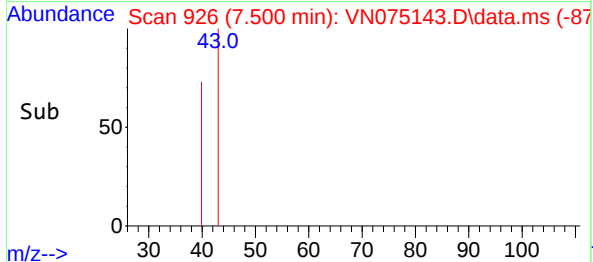
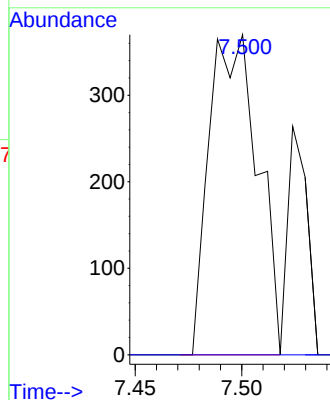
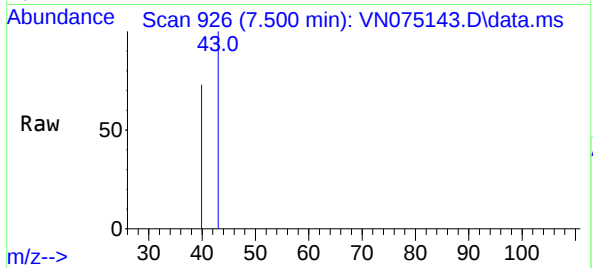




#25
2-Butanone
Concen: 0.698 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

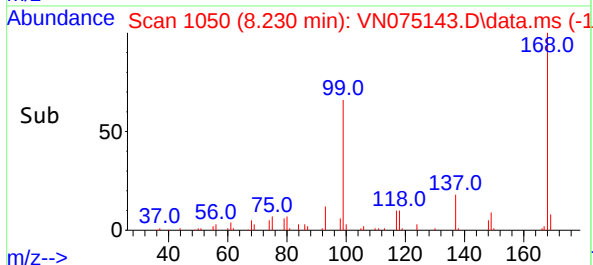
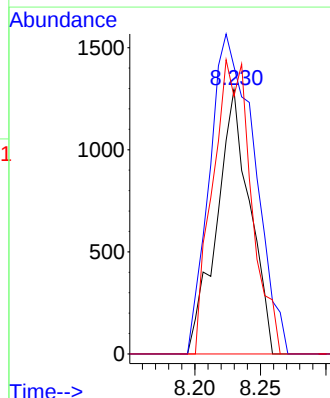
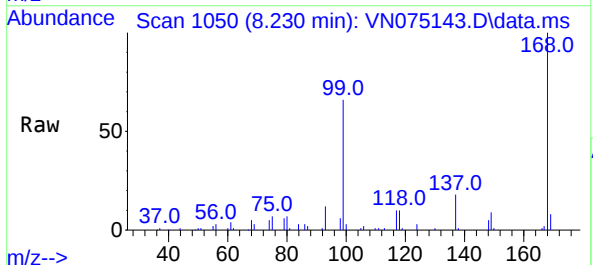
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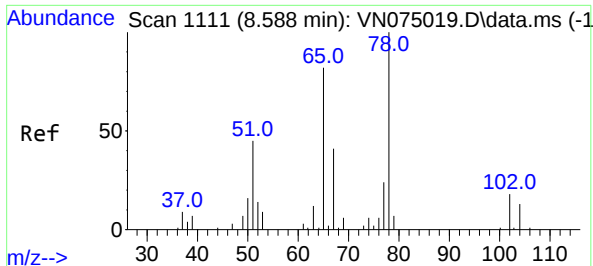
Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#



#31
Cyclohexane
Concen: 1.215 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 56 Resp: 2290
Ion Ratio Lower Upper
56 100
69 108.8 25.2 37.8#
84 97.5 77.8 116.8

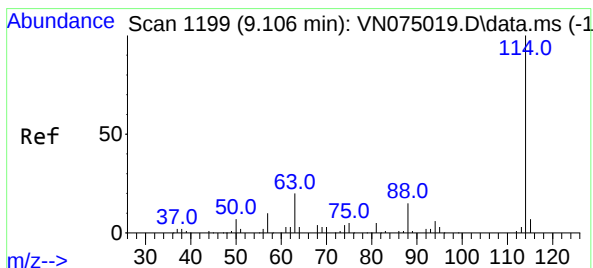
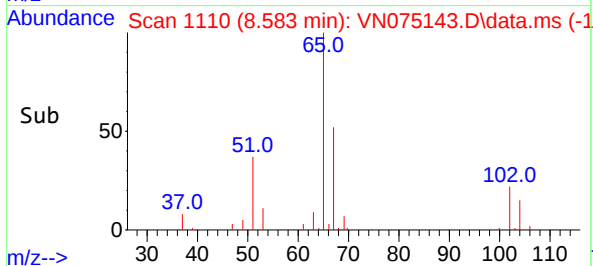
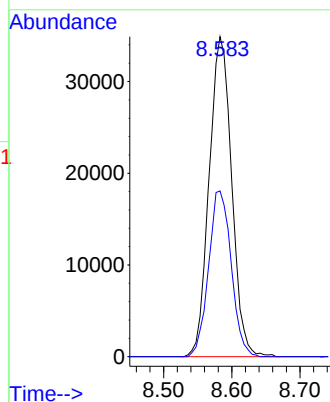
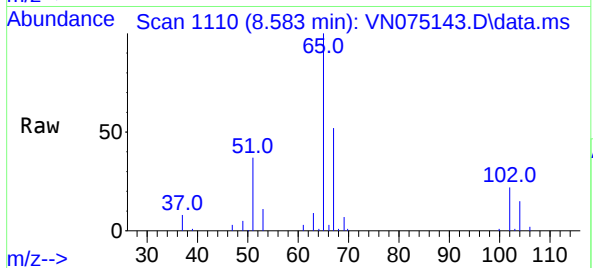




#33
1,2-Dichloroethane-d4
Concen: 63.334 ug/l
RT: 8.583 min Scan# 1111
Delta R.T. -0.005 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

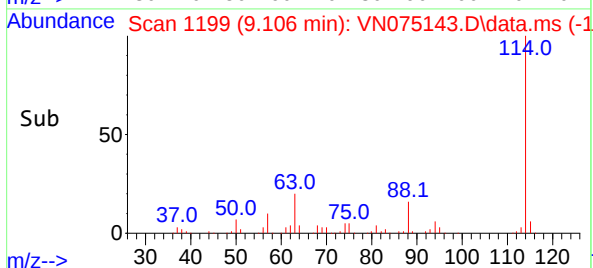
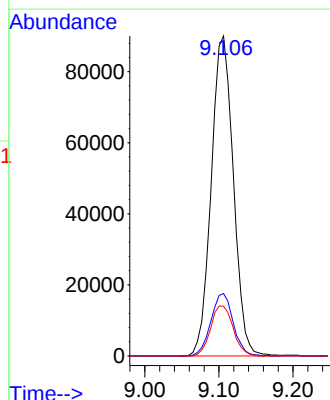
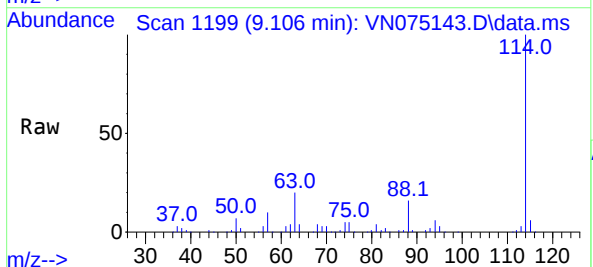
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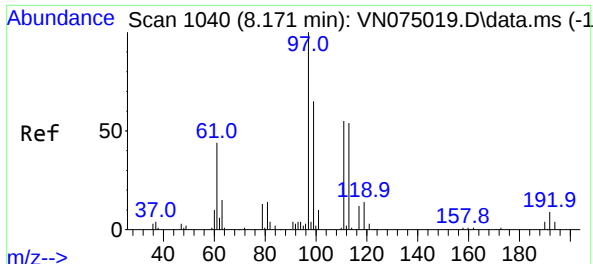
Tgt Ion: 65 Resp: 80293
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 114 Resp: 186828
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.5 0.0 29.0

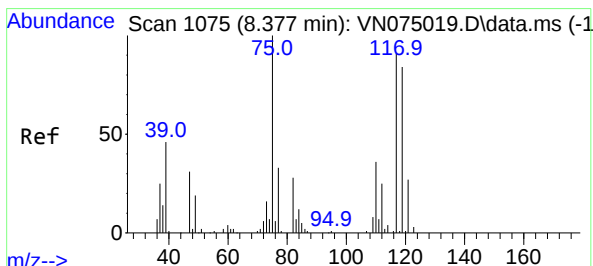
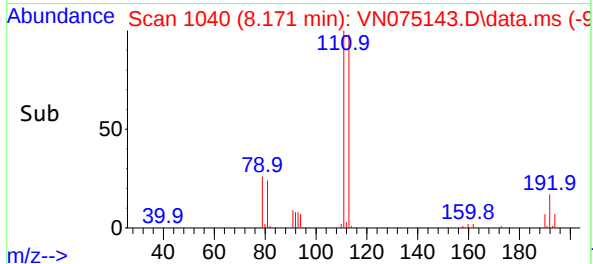
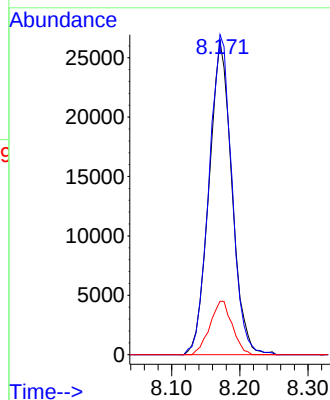
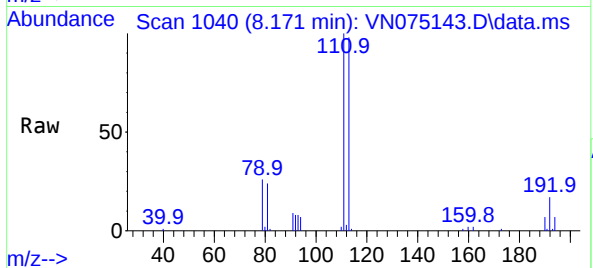




#35
Dibromofluoromethane
Concen: 56.196 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

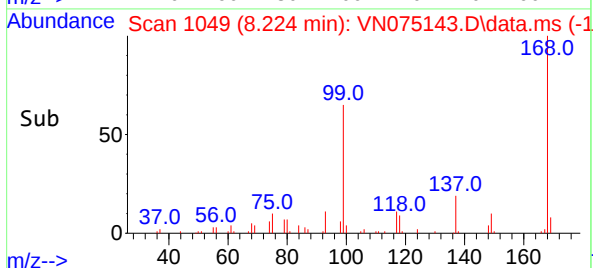
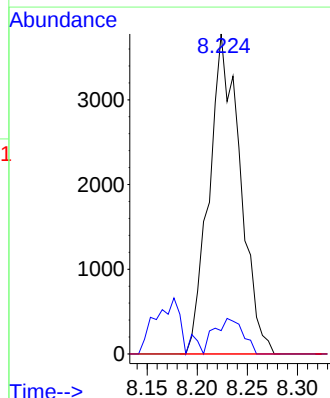
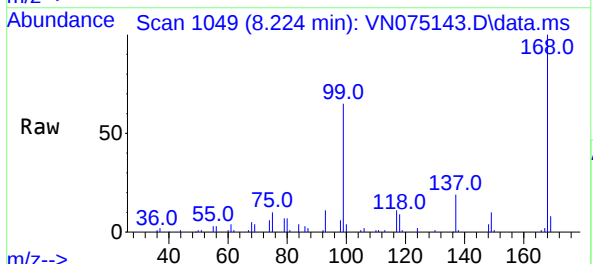
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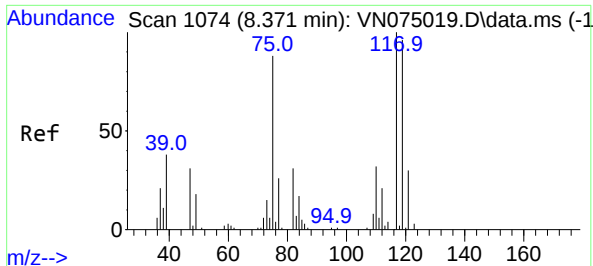
Tgt Ion:113 Resp: 61634
Ion Ratio Lower Upper
113 100
111 101.6 80.5 120.7
192 16.6 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.793 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 75 Resp: 8138
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.3#
77 0.0 24.6 37.0#

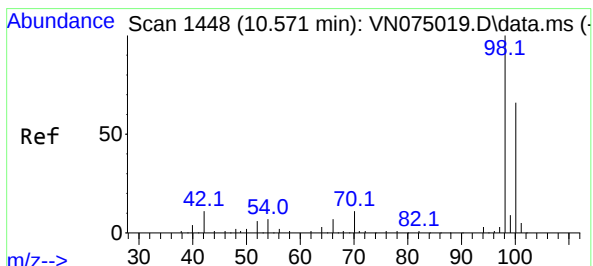
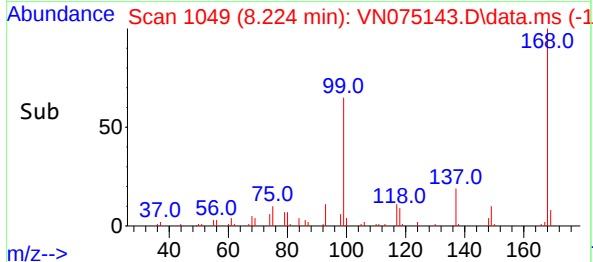
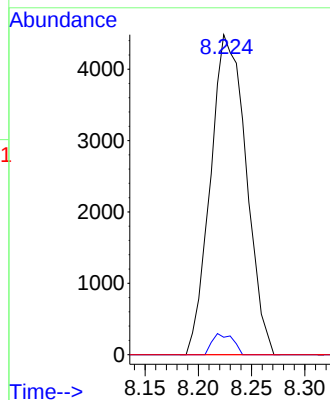
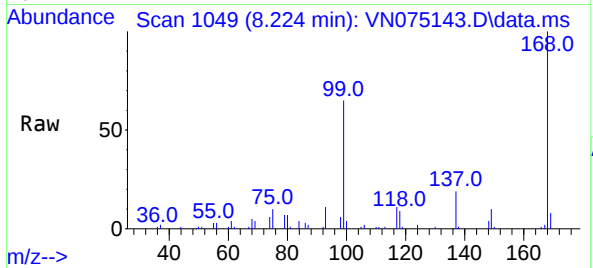




#38
Carbon Tetrachloride
Concen: 5.585 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

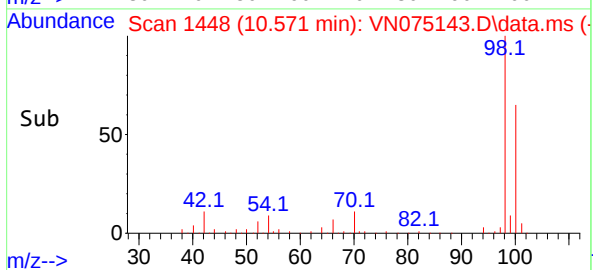
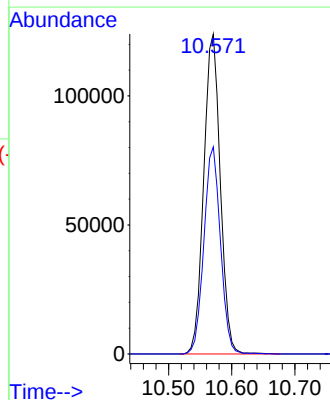
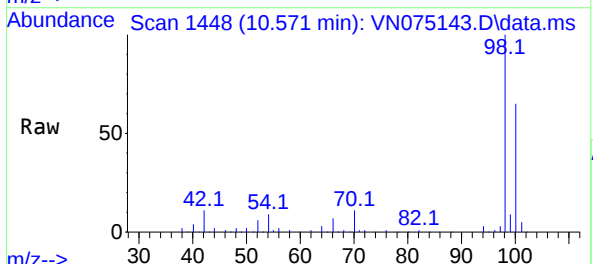
Instrument :
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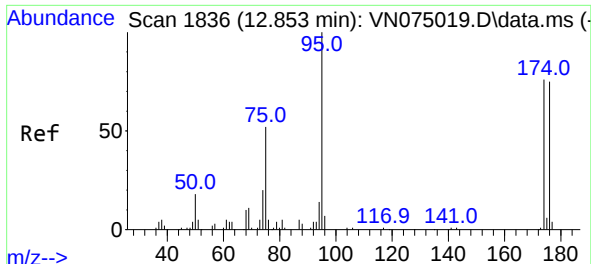
Tgt Ion:117 Resp: 10432
Ion Ratio Lower Upper
117 100
119 5.4 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.067 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 98 Resp: 225810
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.6

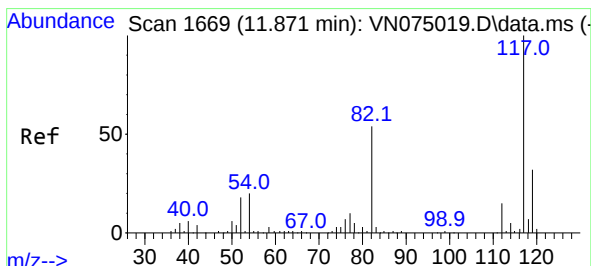
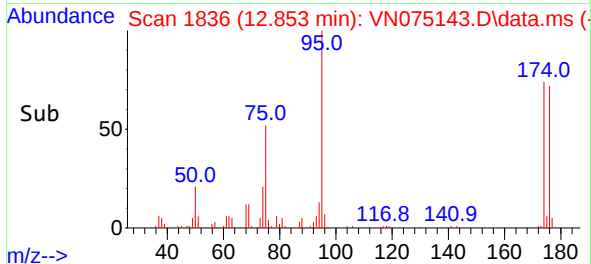
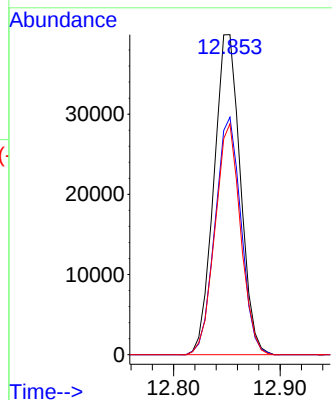
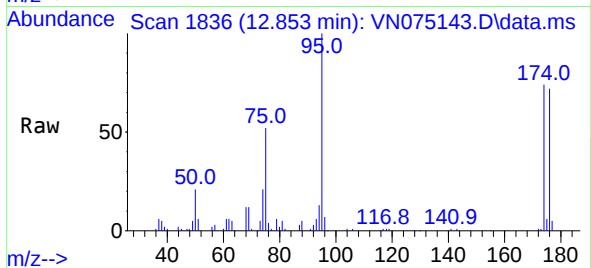




#62
4-Bromofluorobenzene
Concen: 46.072 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

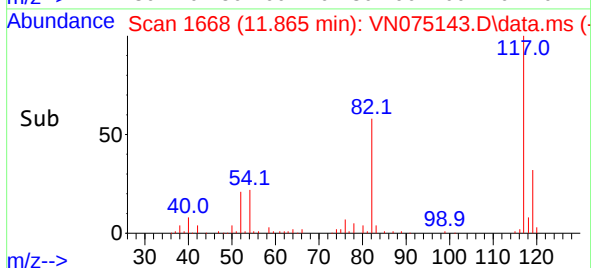
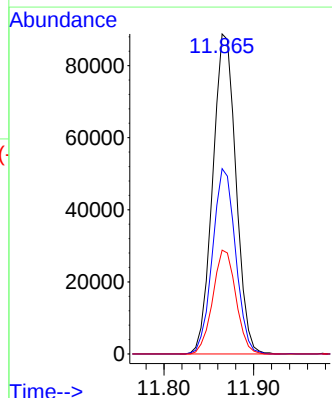
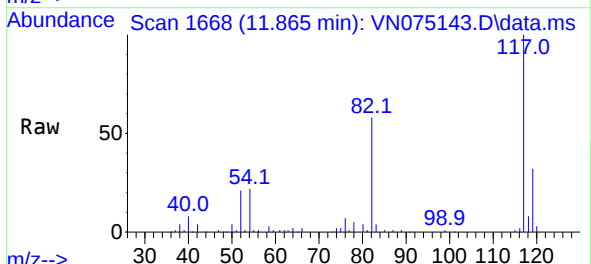
Instrument :
MSVOA_N
ClientSampleId :
S-5-103122RE

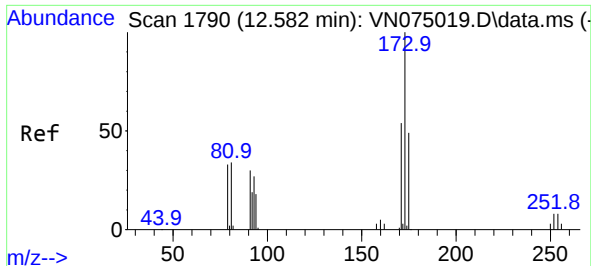
Tgt Ion: 95 Resp: 68867
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 69.6 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 117 Resp: 159354
Ion Ratio Lower Upper
117 100
82 57.9 43.1 64.7
119 32.5 25.5 38.3

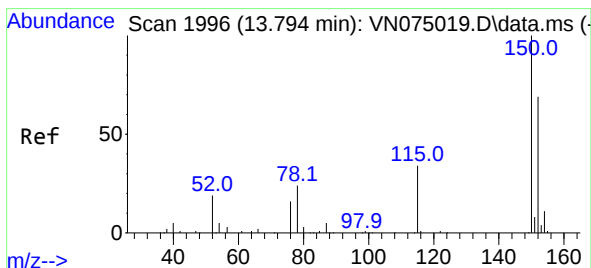
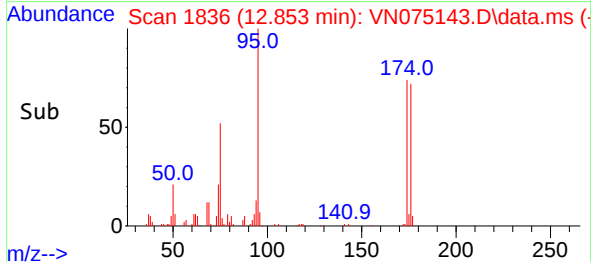
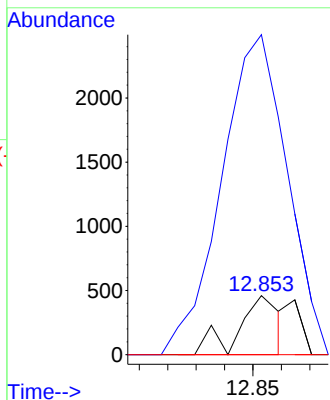
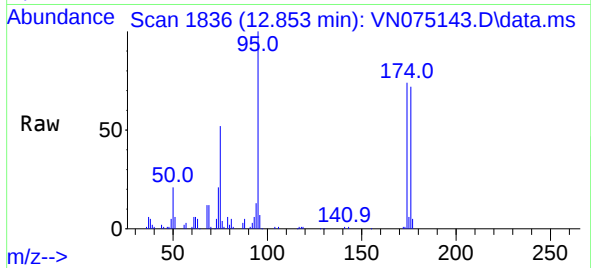




#71
Bromoform
Concen: 0.490 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

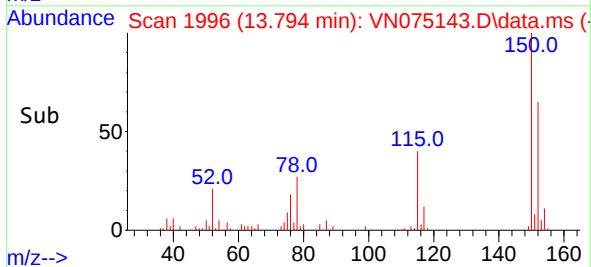
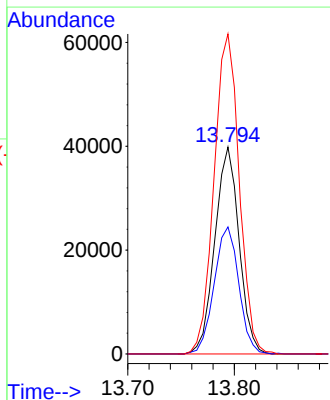
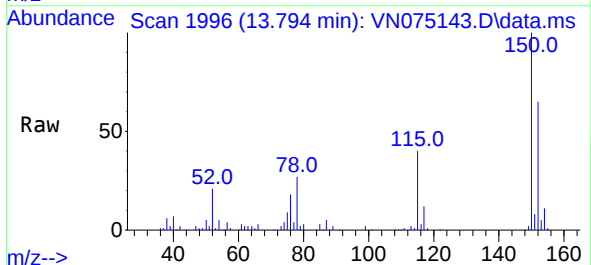
Instrument :
MSVOA_N
ClientSampleId :
S-5-103122RE

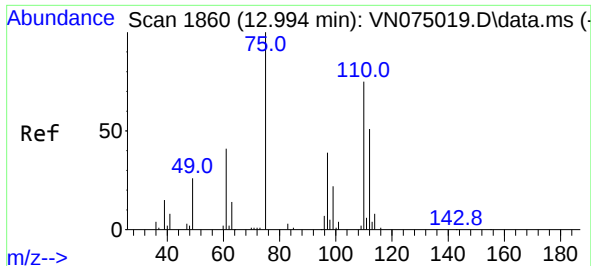
Tgt Ion:173 Resp: 463
Ion Ratio Lower Upper
173 100
175 747.9 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion:152 Resp: 62953
Ion Ratio Lower Upper
152 100
115 62.6 30.2 90.6
150 160.6 0.0 348.4

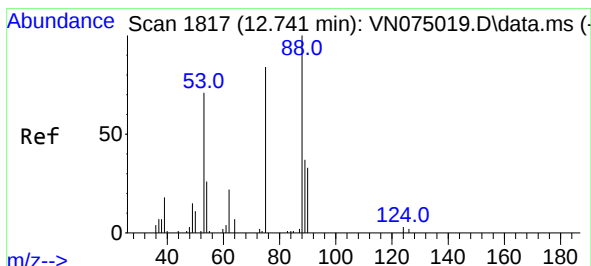
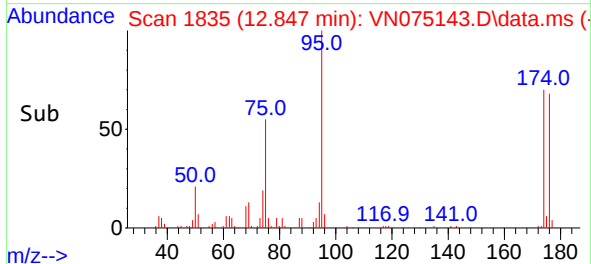
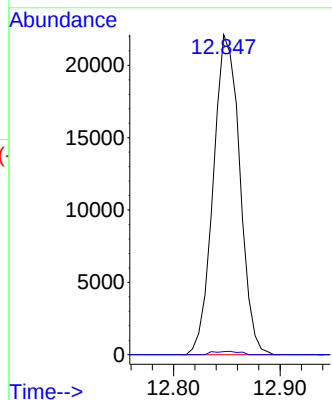
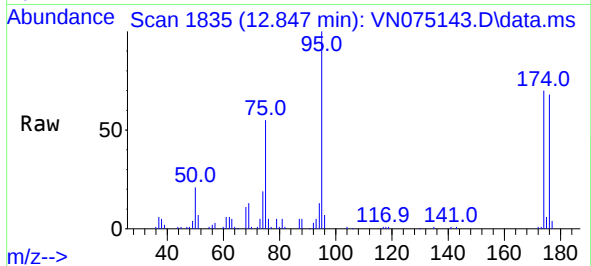




#76
1,2,3-Trichloropropane
Concen: 28.570 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Instrument :
MSVOA_N
ClientSampleId :
S-5-103122RE

Tgt Ion: 75 Resp: 38188
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.338 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075143.D
Acq: 03 Nov 2022 14:49

Tgt Ion: 75 Resp: 38188
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

