

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111522\
 Data File : VN075276.D
 Acq On : 15 Nov 2022 12:00
 Operator : JC\MD
 Sample : VN1115WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBL01

Quant Time: Nov 16 01:01:50 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)

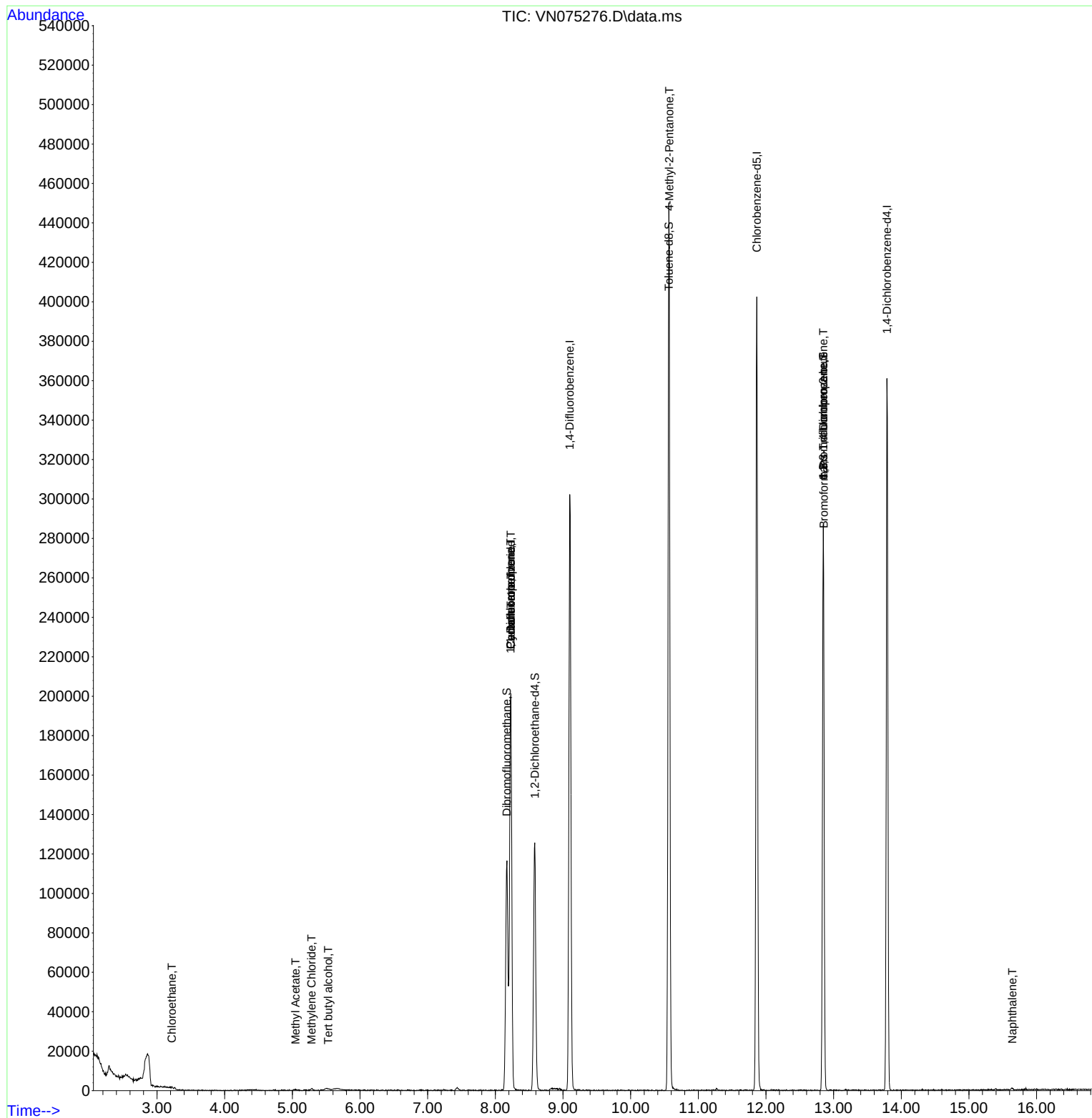
Internal Standards						
1) Pentafluorobenzene	8.230	168	149379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102659	51.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.020%	
35) Dibromofluoromethane	8.171	113	83777	52.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.540%	
50) Toluene-d8	10.565	98	323952	52.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.847	95	99689	45.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.918	94	82	Below Cal	#	5
6) Chloroethane	3.218	64	738	0.350	ug/l #	45
11) Tert butyl alcohol	5.530	59	166	0.354	ug/l #	72
18) Methyl Acetate	5.047	43	861	0.309	ug/l #	47
20) Methylene Chloride	5.283	84	677	0.356	ug/l #	61
31) Cyclohexane	8.230	56	3288	1.098	ug/l #	56
36) 1,1-Dichloropropene	8.224	75	12080	4.868	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16717	6.125	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1013	0.372	ug/l #	1
71) Bromoform	12.853	173	920	0.654	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	53130	25.816	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53130	66.270	ug/l #	10
95) Naphthalene	15.641	128	1378	0.250	ug/l #	69

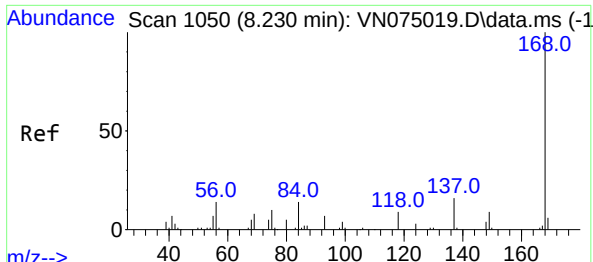
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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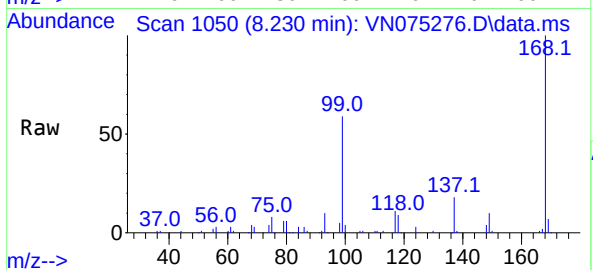
Quant Time: Nov 16 01:01:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
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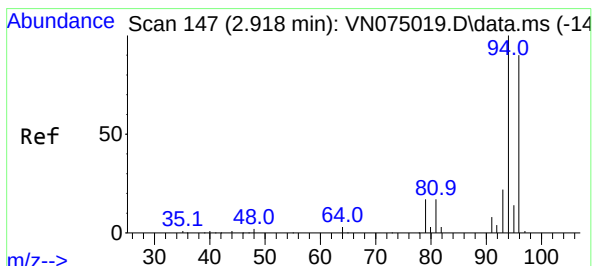
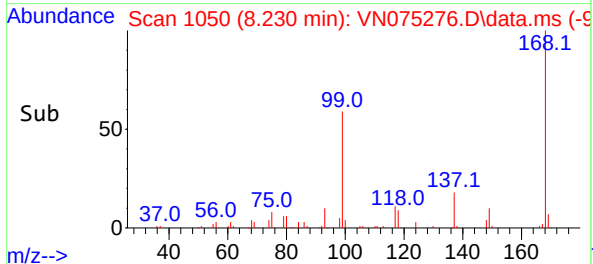
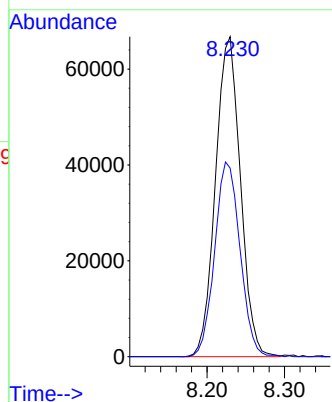


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01

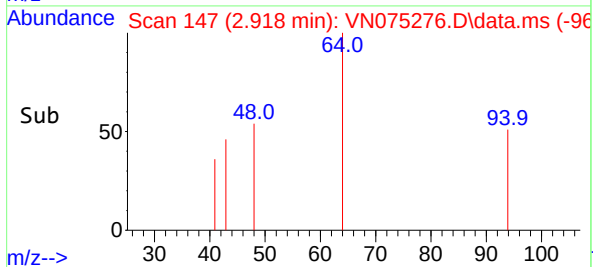
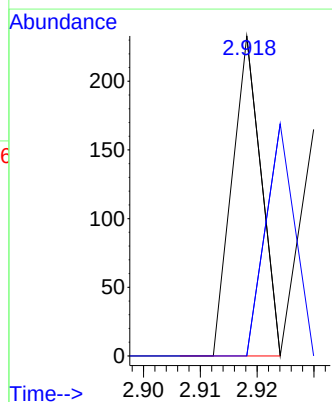
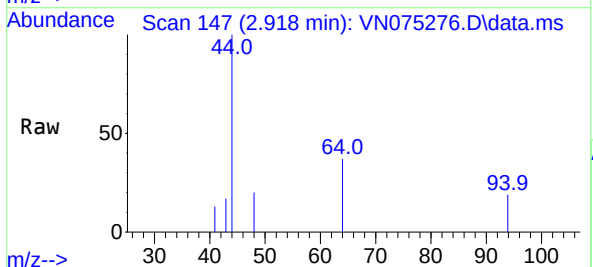


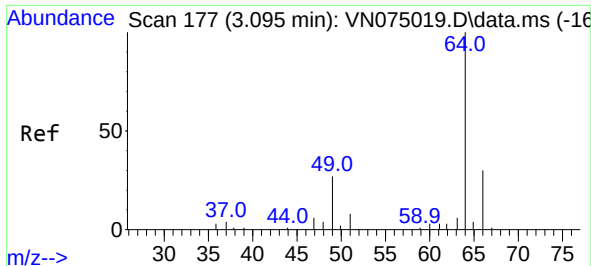
Tgt Ion:168 Resp: 149379
Ion Ratio Lower Upper
168 100
99 59.0 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion: 94 Resp: 82
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

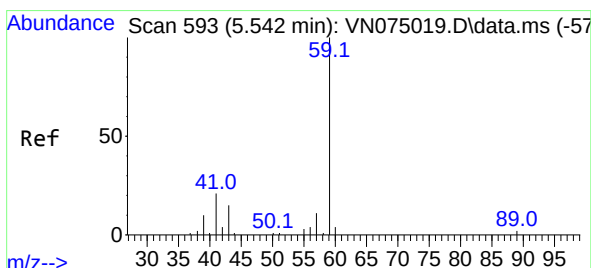
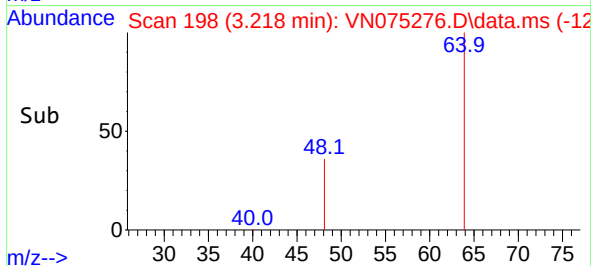
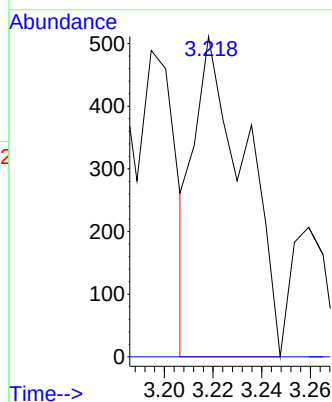
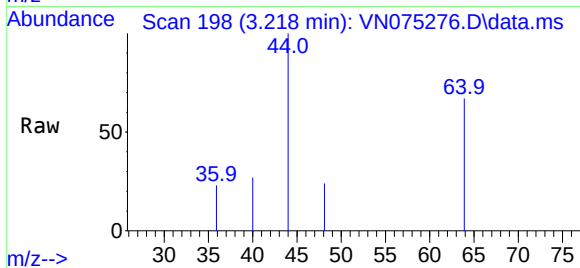




#6
Chloroethane
Concen: 0.350 ug/l
RT: 3.218 min Scan# 11
Delta R.T. 0.123 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

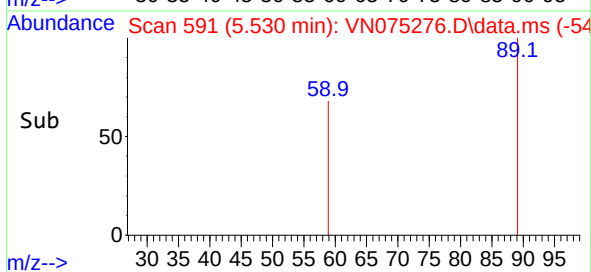
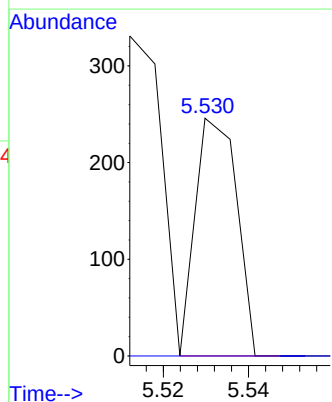
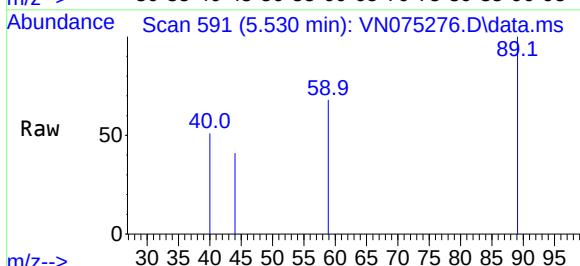
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01

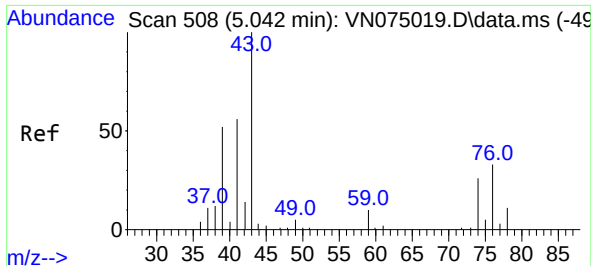
Tgt Ion: 64 Resp: 738
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

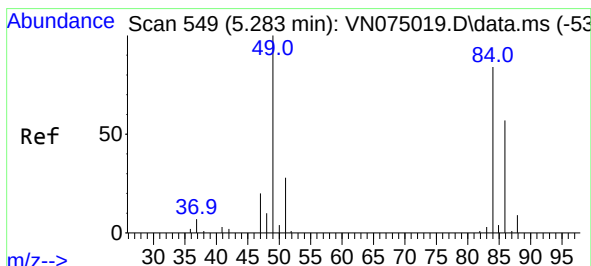
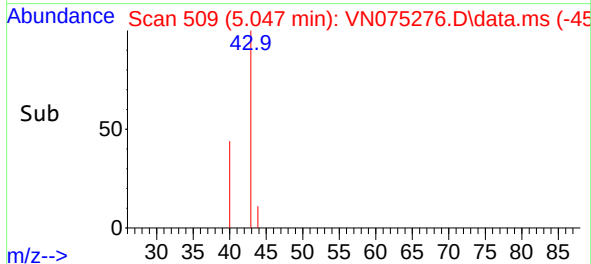
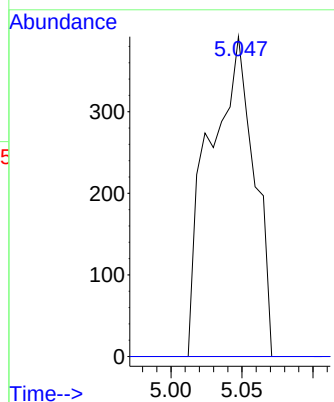
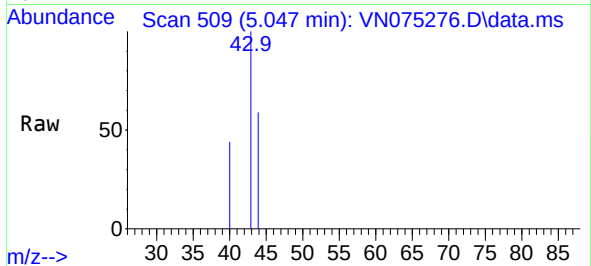




#18
Methyl Acetate
Concen: 0.309 ug/l
RT: 5.047 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

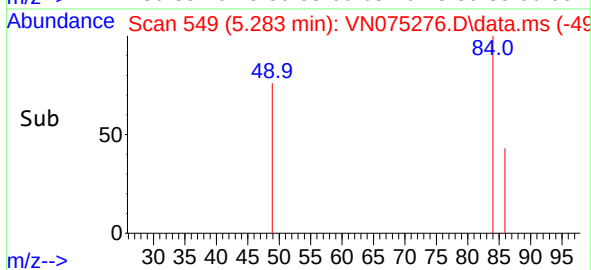
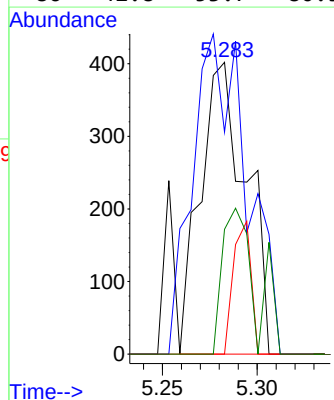
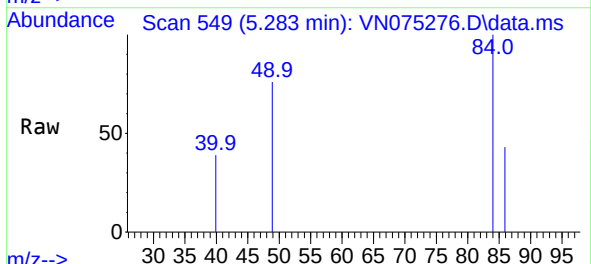
Instrument :
MSVOA_N
ClientSampleId :
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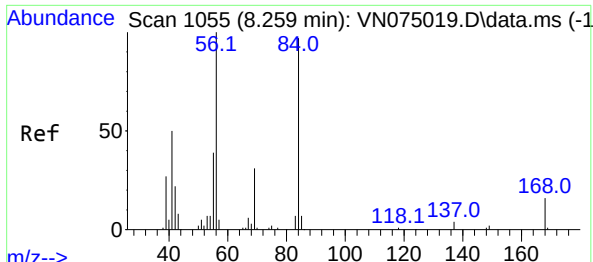
Tgt Ion: 43 Resp: 861
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

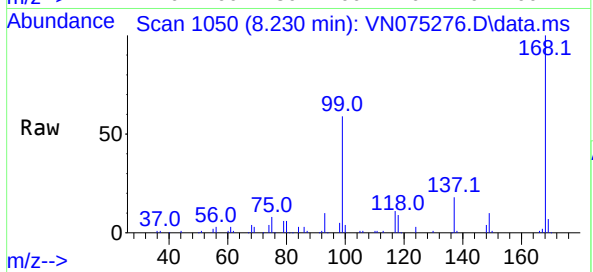
Tgt Ion: 84 Resp: 677
Ion Ratio Lower Upper
84 100
49 76.1 94.9 142.3#
51 0.0 26.8 40.2#
86 42.8 53.7 80.5#



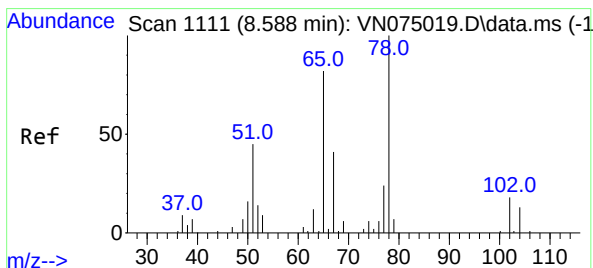
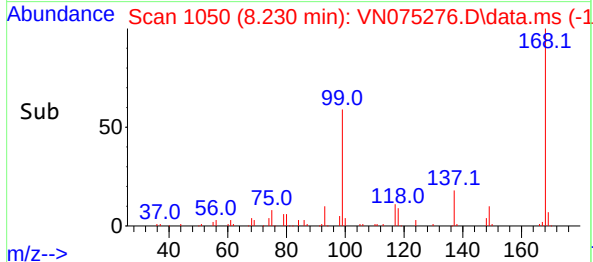
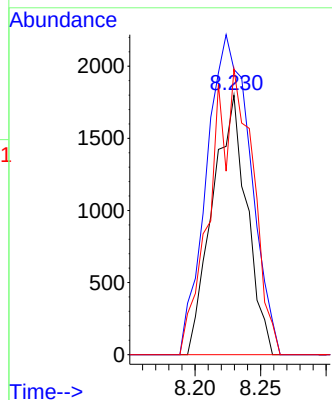


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01

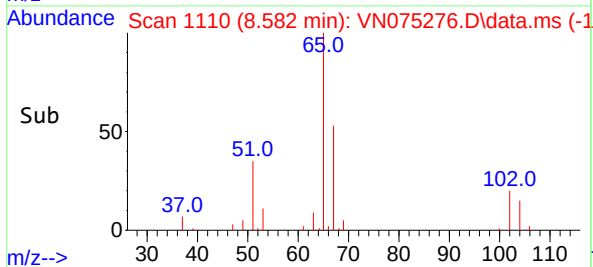
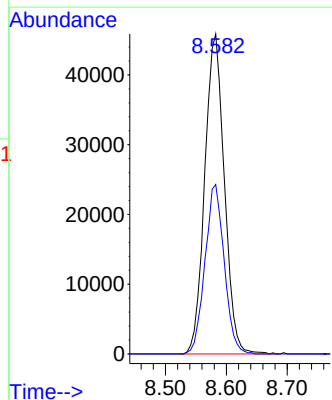
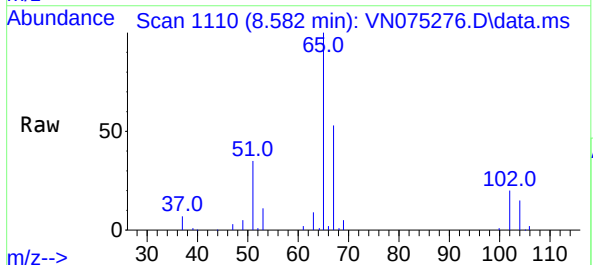


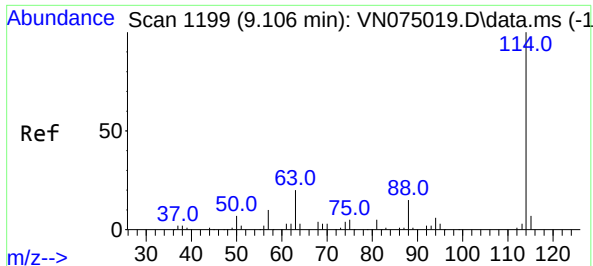
Tgt Ion: 56 Resp: 3288
Ion Ratio Lower Upper
56 100
69 109.9 25.2 37.8#
84 110.1 77.8 116.8



#33
1,2-Dichloroethane-d4
Concen: 51.006 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion: 65 Resp: 102659
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

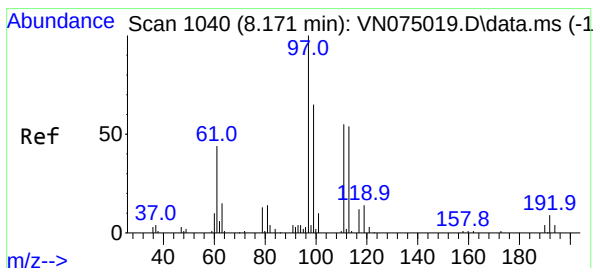
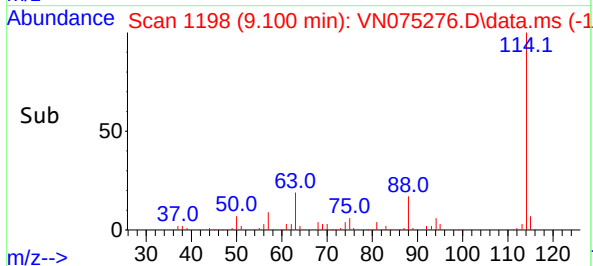
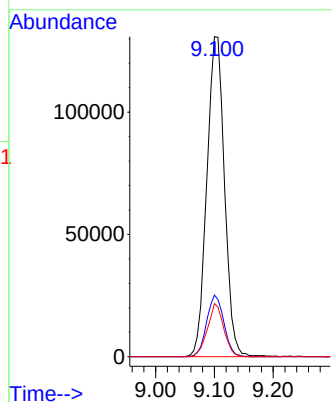
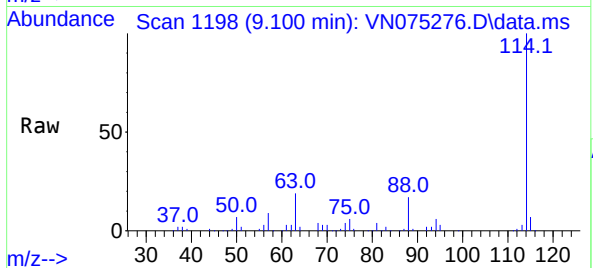




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

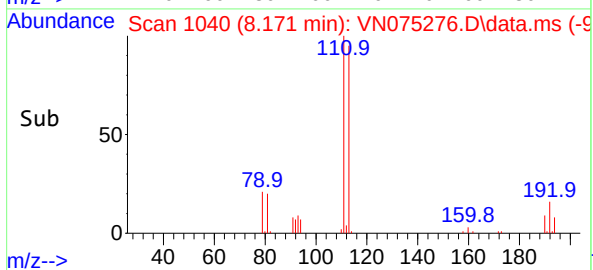
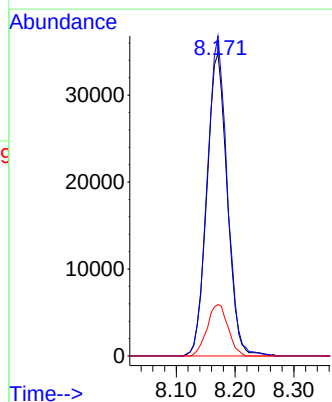
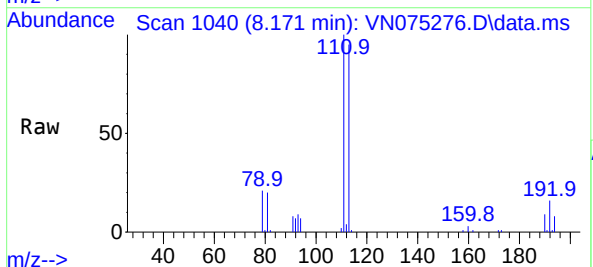
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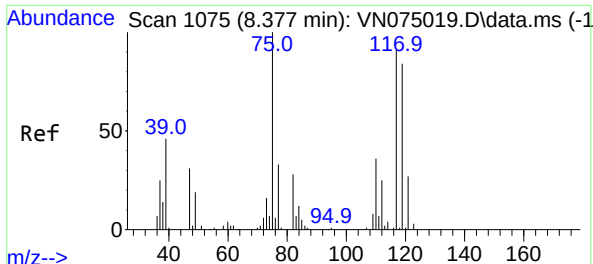
Tgt Ion:114 Resp: 273019
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 16.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.270 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion:113 Resp: 83777
Ion Ratio Lower Upper
113 100
111 103.7 80.5 120.7
192 17.4 13.2 19.8

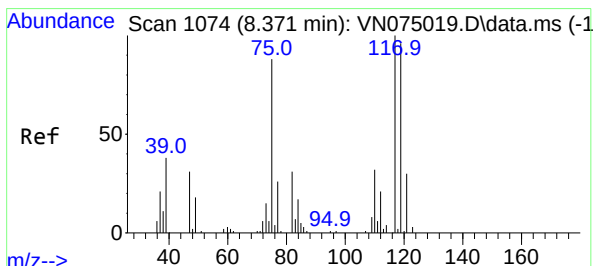
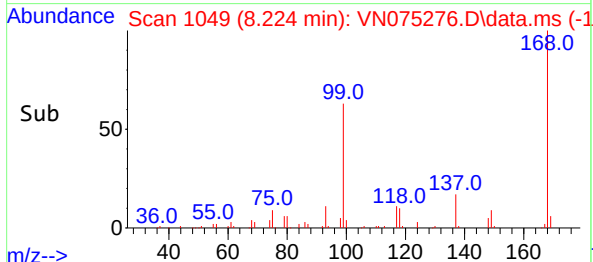
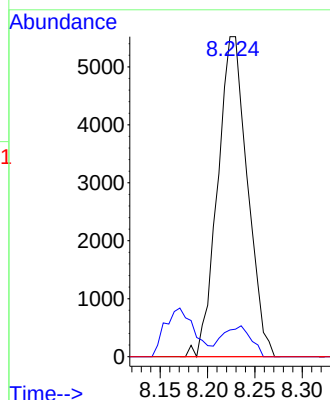
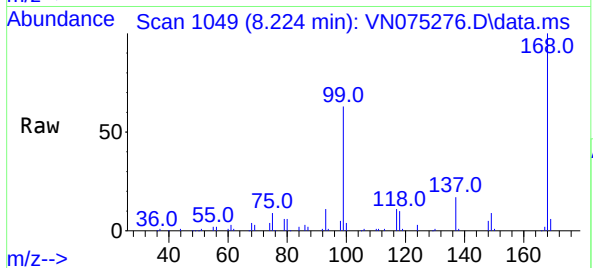




#36
 1,1-Dichloropropene
 Concen: 4.868 ug/l
 RT: 8.224 min Scan# 1049
 Delta R.T. -0.153 min
 Lab File: VN075276.D
 Acq: 15 Nov 2022 12:00

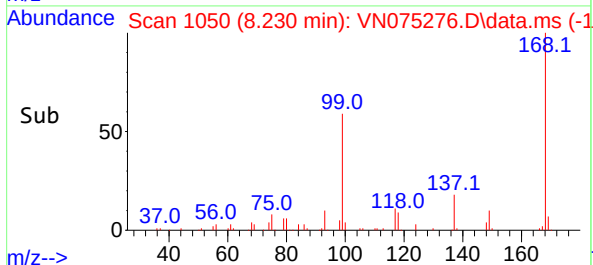
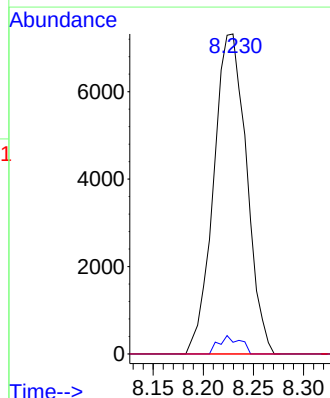
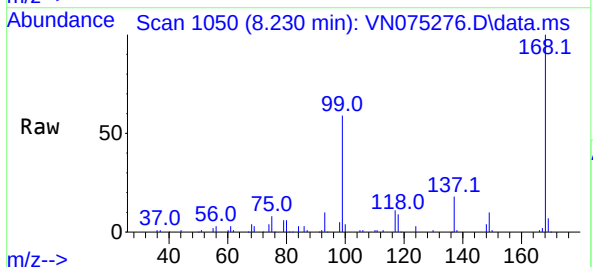
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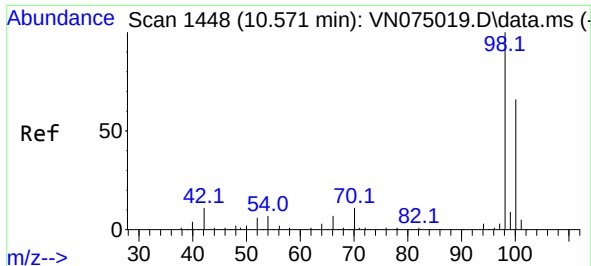
Tgt Ion: 75 Resp: 12080
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.8 53.3#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.125 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.141 min
 Lab File: VN075276.D
 Acq: 15 Nov 2022 12:00

Tgt Ion: 117 Resp: 16717
 Ion Ratio Lower Upper
 117 100
 119 3.6 76.7 115.1#
 121 0.0 23.9 35.9#

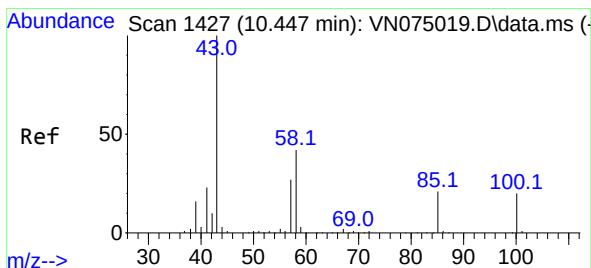
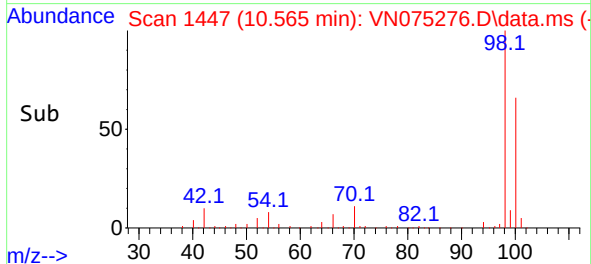
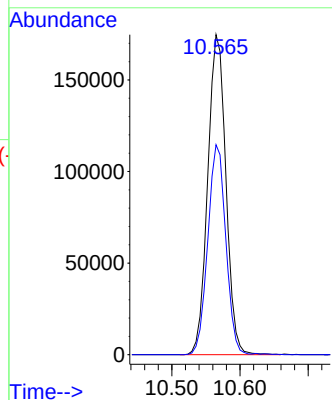
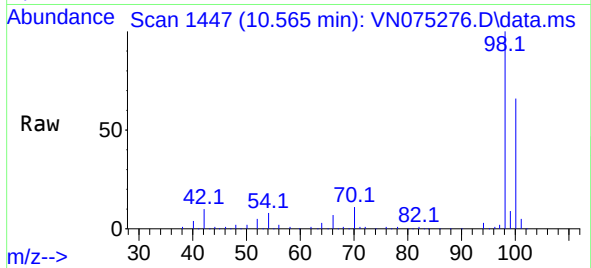




#50
Toluene-d8
Concen: 52.097 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

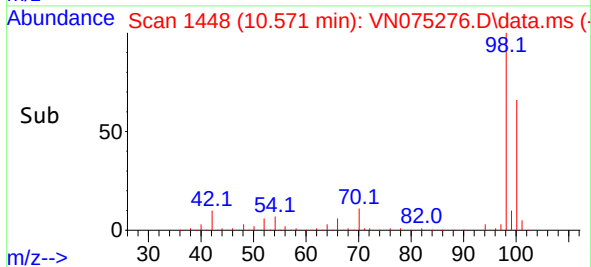
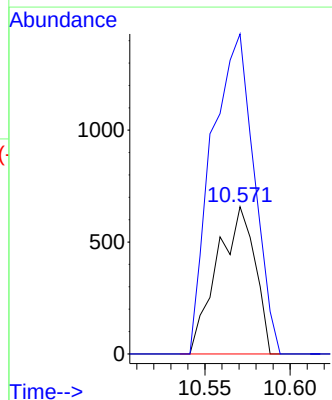
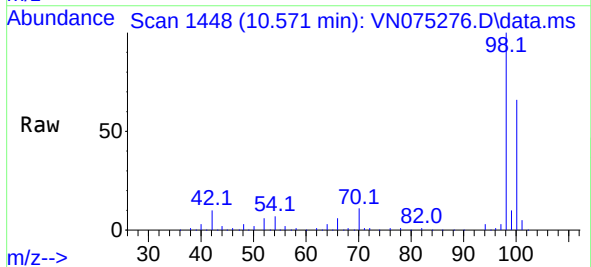
Instrument :
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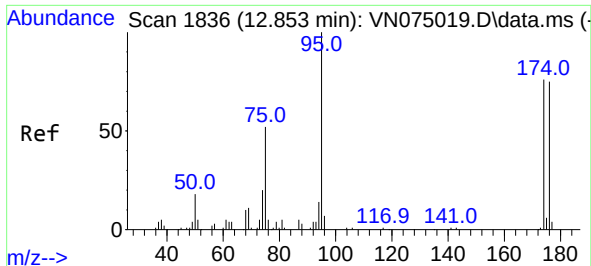
Tgt Ion: 98 Resp: 323952
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.372 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
58 243.1 33.6 50.4#

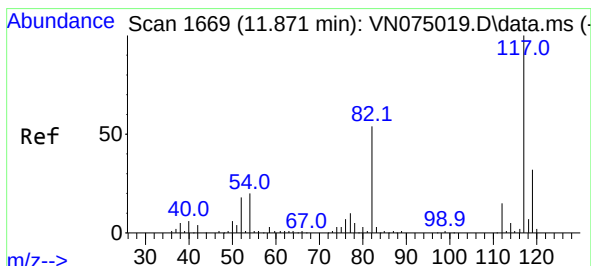
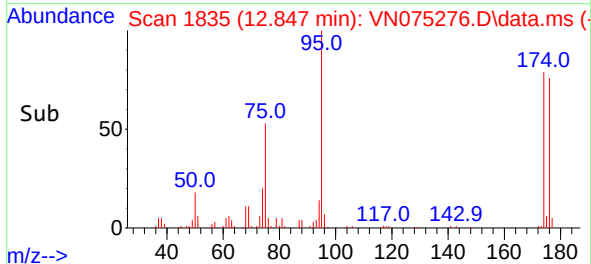
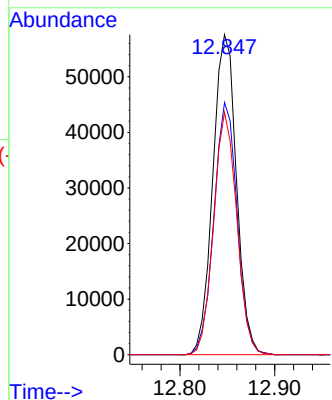
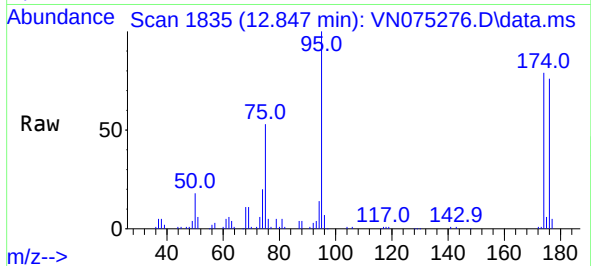




#62
4-Bromofluorobenzene
Concen: 45.638 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

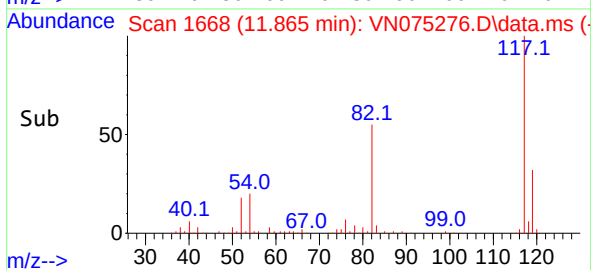
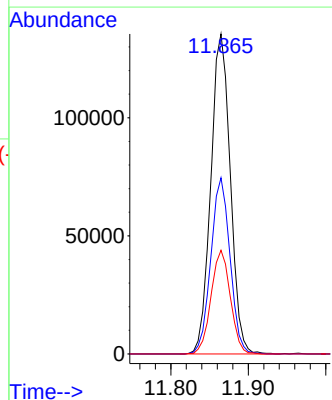
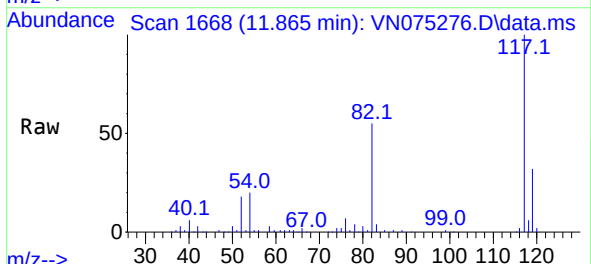
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01

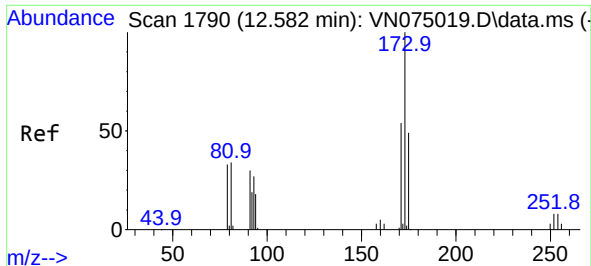
Tgt Ion: 95 Resp: 99689
Ion Ratio Lower Upper
95 100
174 77.6 0.0 147.4
176 73.9 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion: 117 Resp: 237264
Ion Ratio Lower Upper
117 100
82 55.0 43.1 64.7
119 32.4 25.5 38.3

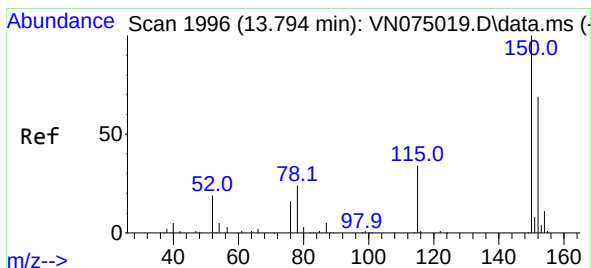
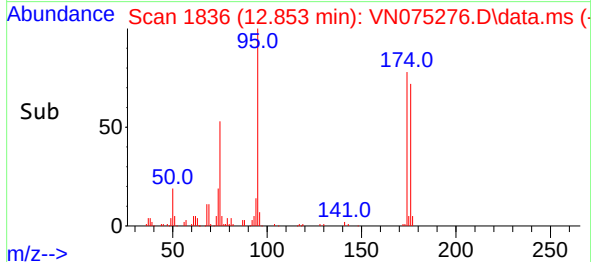
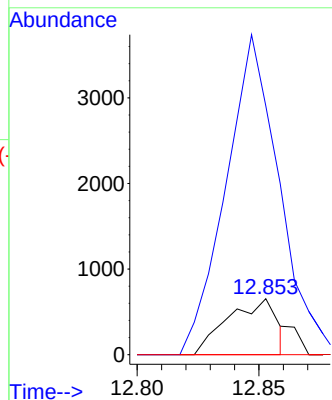
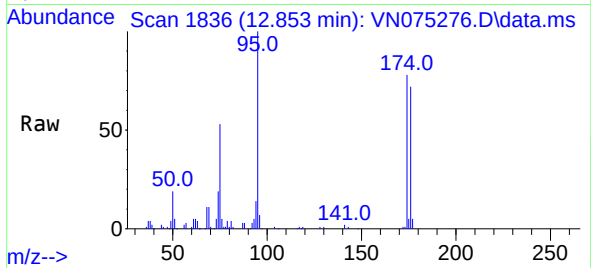




#71
Bromoform
Concen: 0.654 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

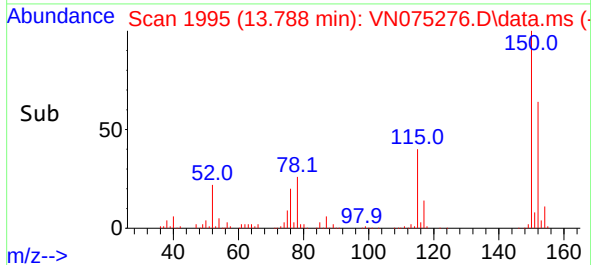
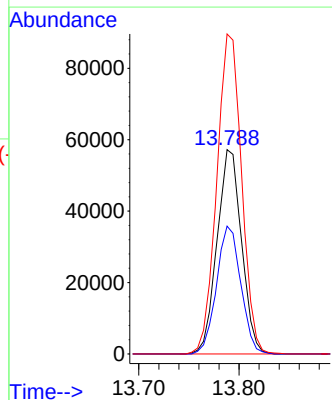
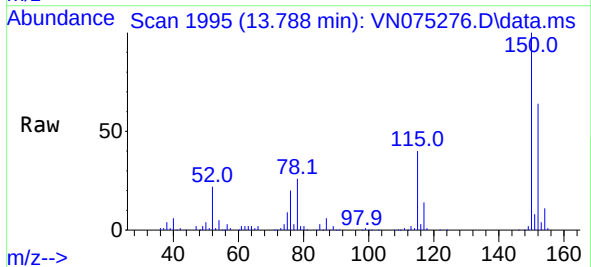
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01

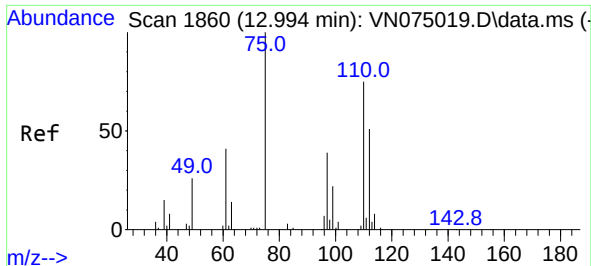
Tgt Ion:173 Resp: 920
Ion Ratio Lower Upper
173 100
175 556.3 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Tgt Ion:152 Resp: 96926
Ion Ratio Lower Upper
152 100
115 62.0 30.2 90.6
150 159.0 0.0 348.4

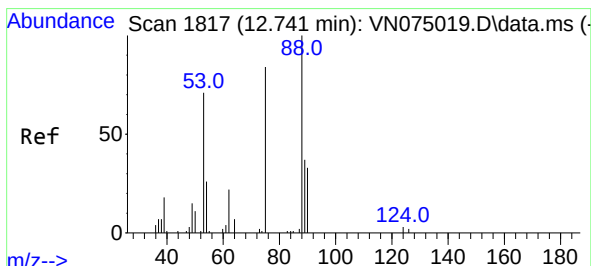
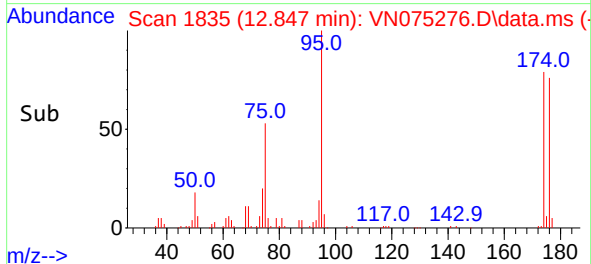
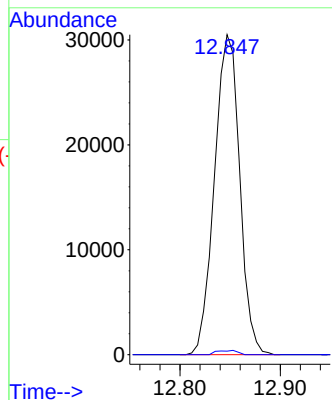
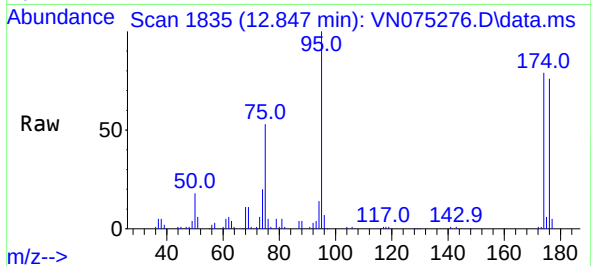




#76
1,2,3-Trichloropropane
Concen: 25.816 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

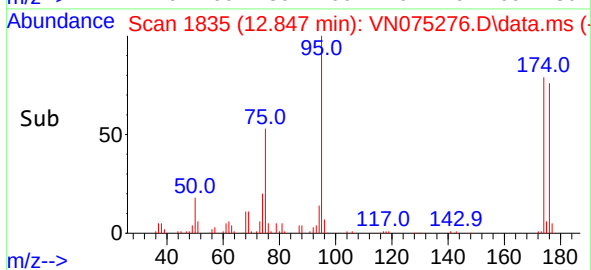
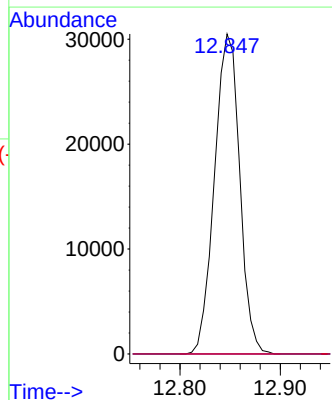
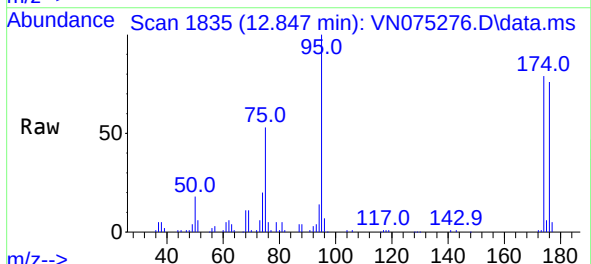
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01

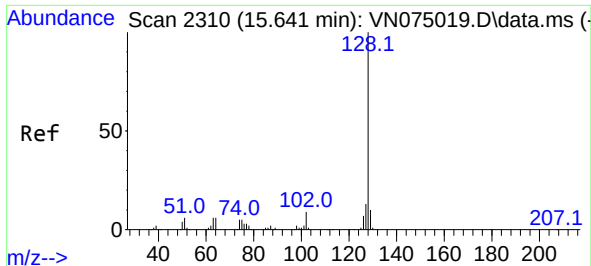
Tgt Ion: 75 Resp: 53130
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.270 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

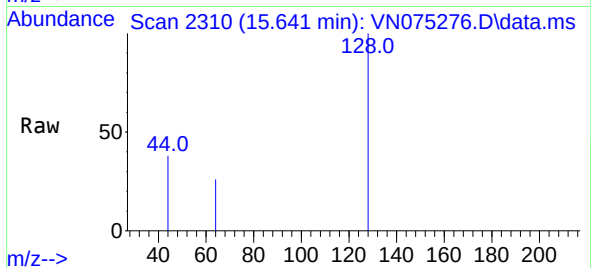
Tgt Ion: 75 Resp: 53130
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95
Naphthalene
Concen: 0.250 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075276.D
Acq: 15 Nov 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBL01



Tgt Ion:128 Resp: 1378
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

