

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075049.D
 Acq On : 27 Oct 2022 18:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 02:15:58 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)

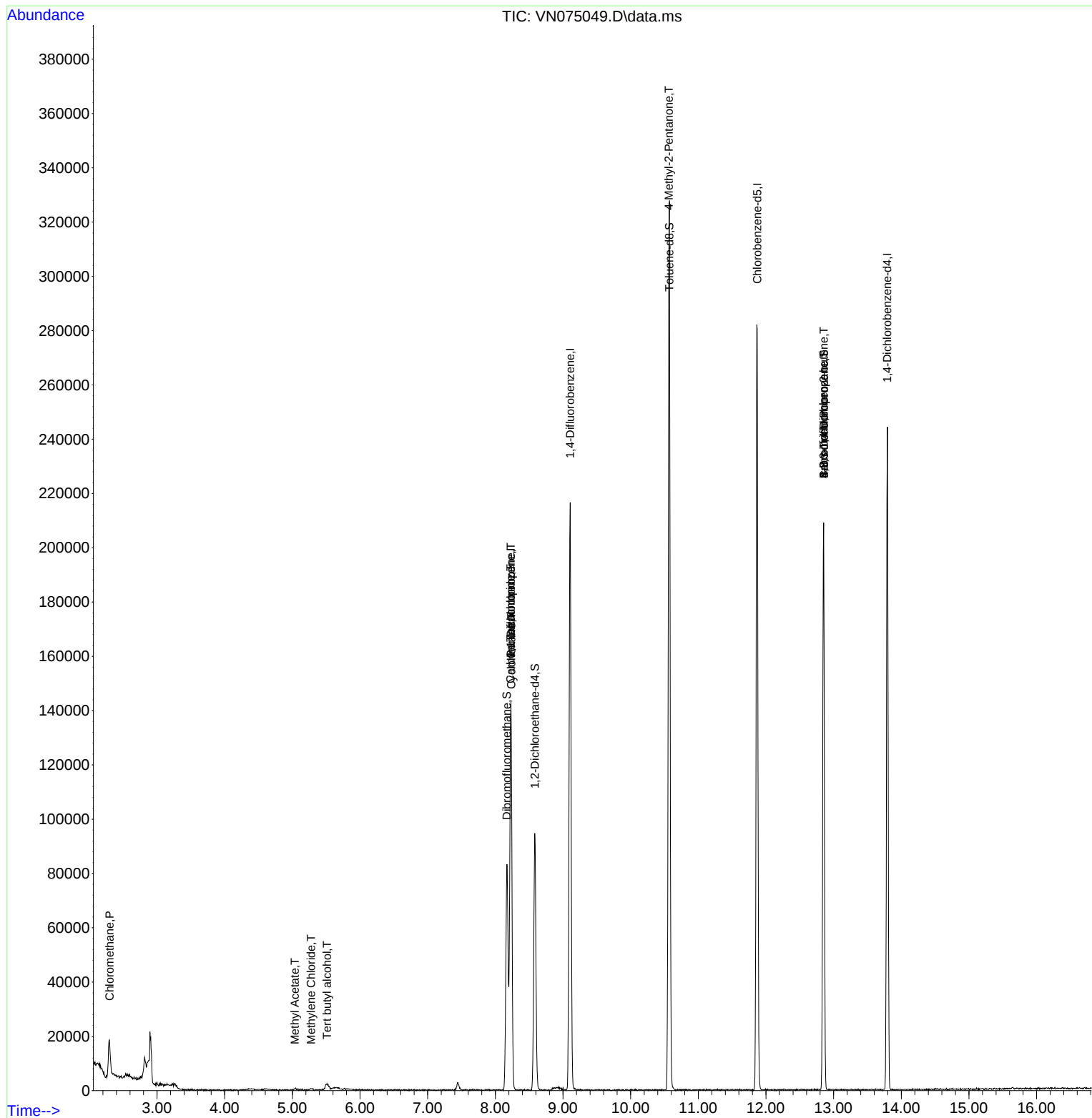
Internal Standards						
1) Pentafluorobenzene	8.230	168	101839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	189224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	160879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	77296	56.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.660%	
35) Dibromofluoromethane	8.171	113	58514	52.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	10.571	98	226903	52.649	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.853	95	71443	47.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	344	0.244	ug/l #	42
5) Bromomethane	2.918	94	402	Below Cal	#	79
11) Tert butyl alcohol	5.512	59	1808	5.650	ug/l #	72
18) Methyl Acetate	5.036	43	1099	0.579	ug/l #	57
20) Methylene Chloride	5.277	84	388	0.300	ug/l #	42
31) Cyclohexane	8.235	56	2621	1.284	ug/l #	32
36) 1,1-Dichloropropene	8.230	75	9582	5.572	ug/l #	46
38) Carbon Tetrachloride	8.224	117	11062	5.847	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	993	0.526	ug/l #	1
71) Bromoform	12.853	173	381	0.399	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	38085	29.111	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	38085	74.729	ug/l #	10

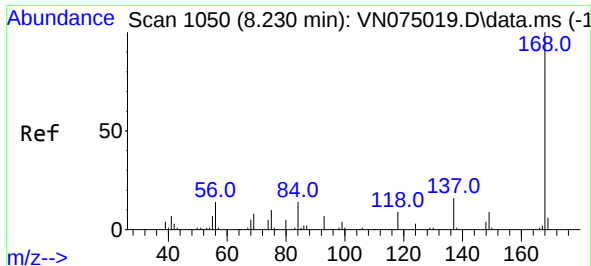
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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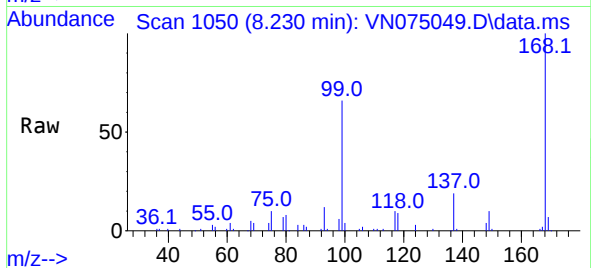
Quant Time: Oct 28 02:15:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
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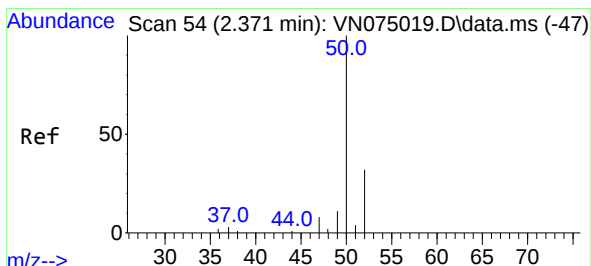
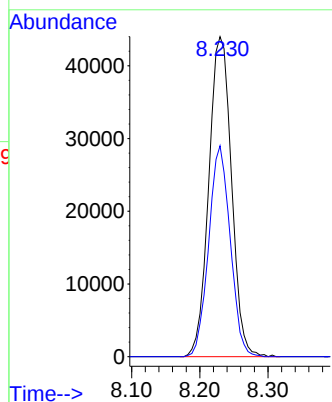
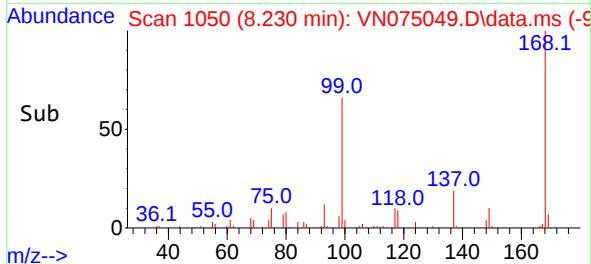


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :

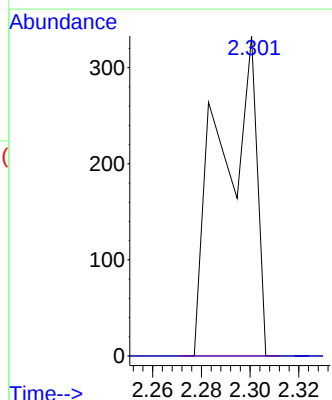
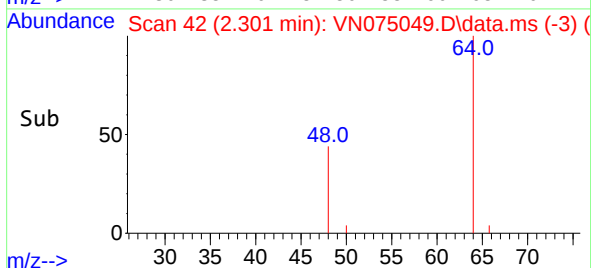
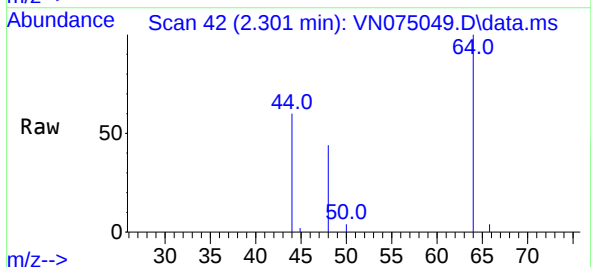


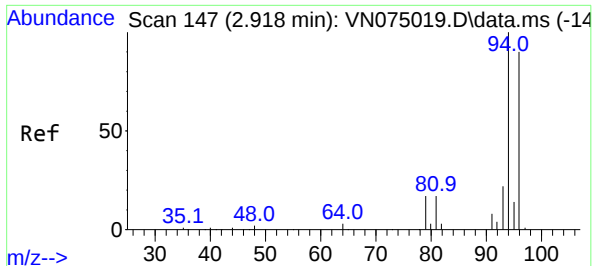
Tgt Ion:168 Resp: 101839
Ion Ratio Lower Upper
168 100
99 65.9 51.6 77.4



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.301 min Scan# 42
Delta R.T. -0.070 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

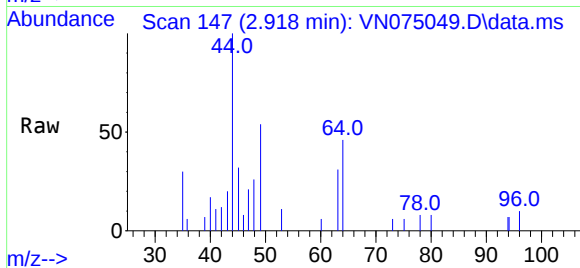
Tgt Ion: 50 Resp: 344
Ion Ratio Lower Upper
50 100
52 0.0 25.8 38.6#



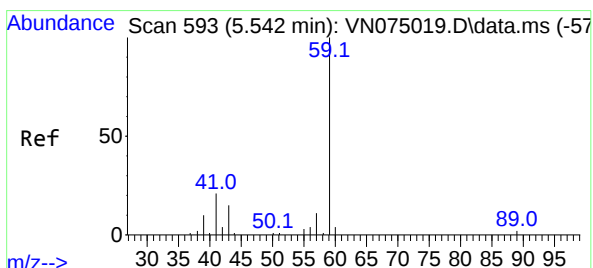
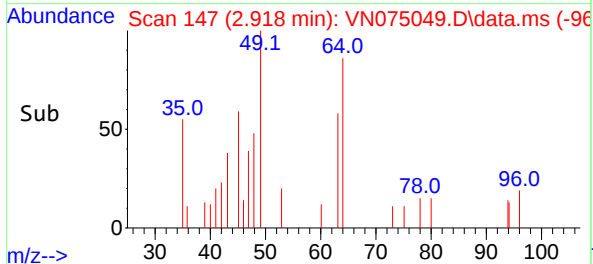
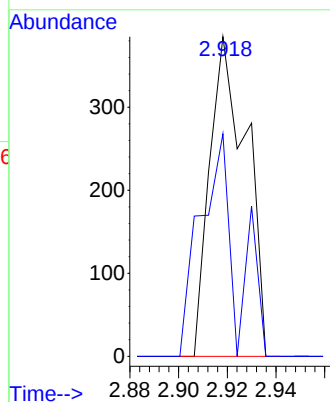


#5
Bromomethane
Concen: Below Cal
RT: 2.918 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :

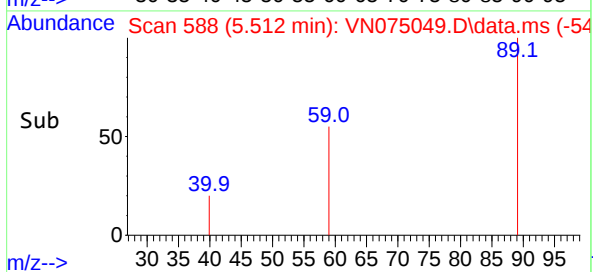
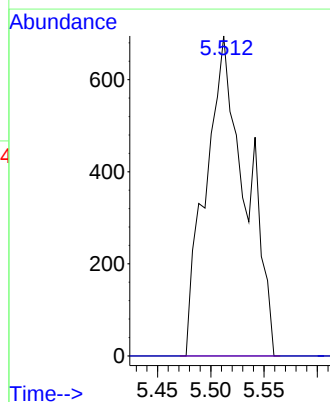
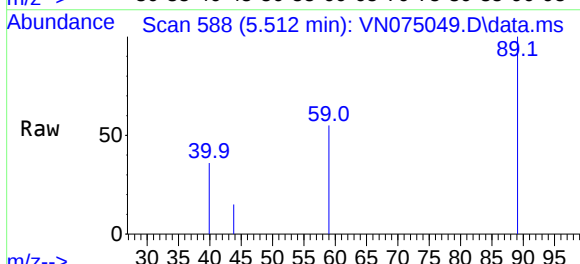


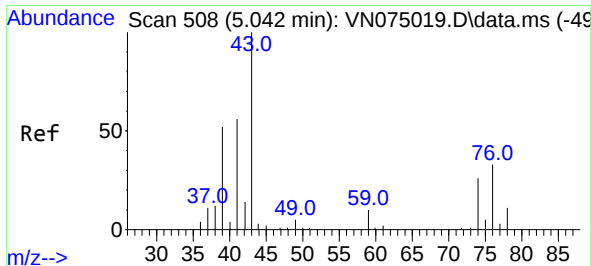
Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 69.6 71.8 107.6#



#11
Tert butyl alcohol
Concen: 5.650 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.030 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 59 Resp: 1808
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

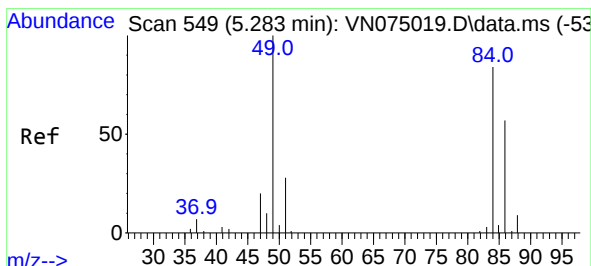
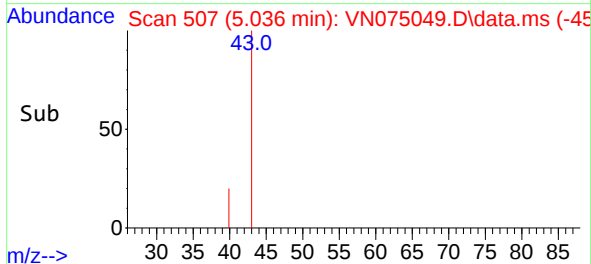
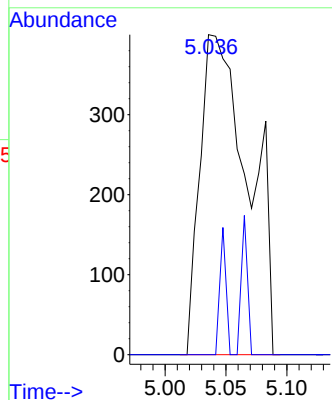
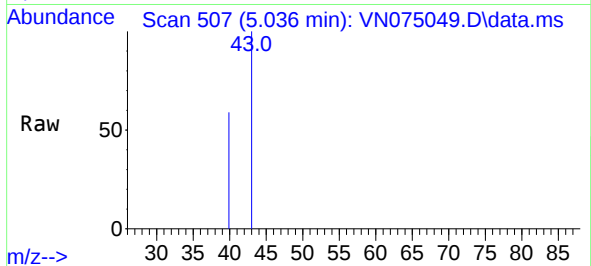




#18
Methyl Acetate
Concen: 0.579 ug/l
RT: 5.036 min Scan# 509
Delta R.T. -0.006 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

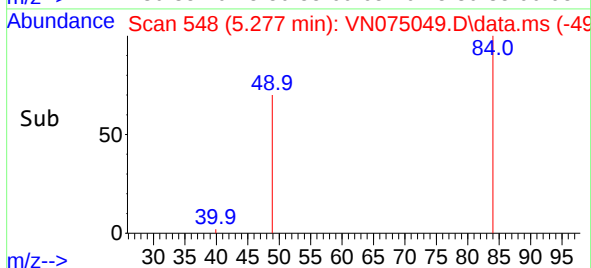
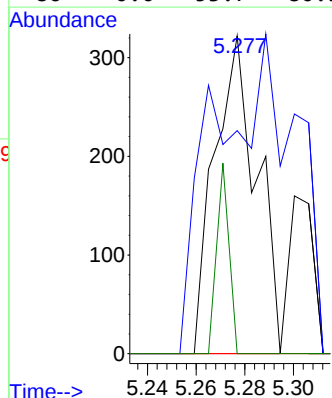
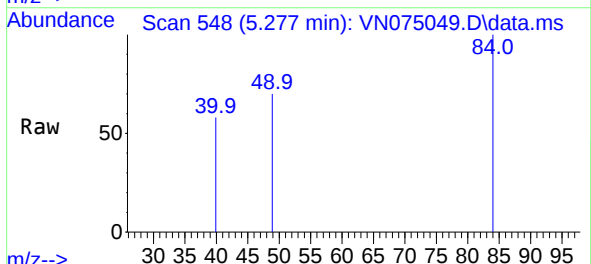
Instrument :
MSVOA_N
ClientSampleId :

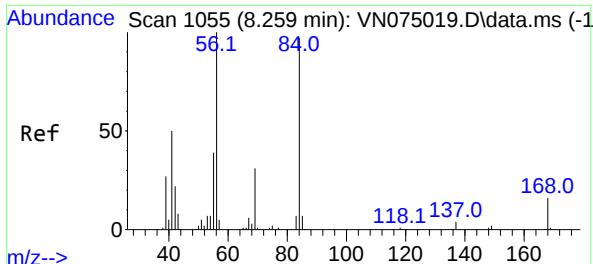
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
74 5.1 22.0 33.0#



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 84 Resp: 388
Ion Ratio Lower Upper
84 100
49 70.2 94.9 142.3#
51 0.0 26.8 40.2#
86 0.0 53.7 80.5#





#31

Cyclohexane

Concen: 1.284 ug/l

RT: 8.235 min Scan# 110

Delta R.T. -0.024 min

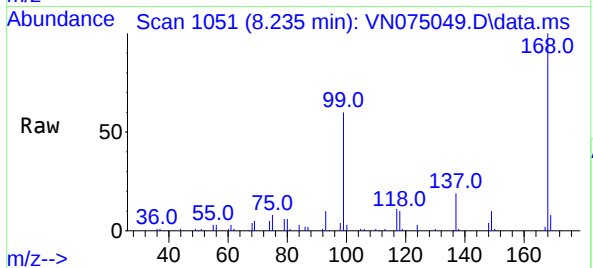
Lab File: VN075049.D

Acq: 27 Oct 2022 18:31

Instrument :

MSVOA_N

ClientSampleId :



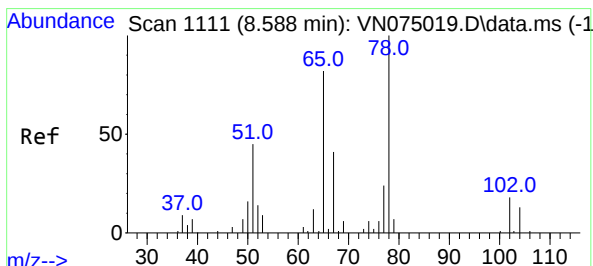
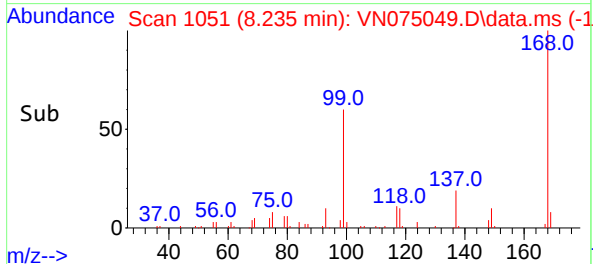
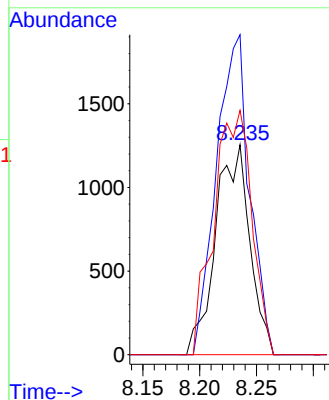
Tgt Ion: 56 Resp: 2621

Ion Ratio Lower Upper

56 100

69 152.4 25.2 37.8#

84 116.4 77.8 116.8



#33

1,2-Dichloroethane-d4

Concen: 56.332 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VN075049.D

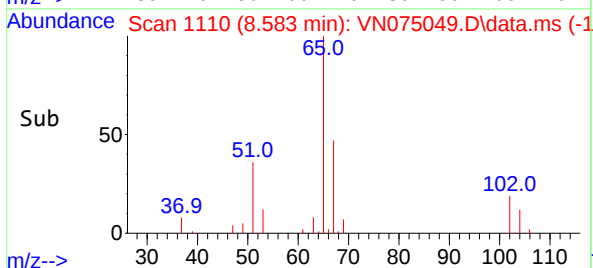
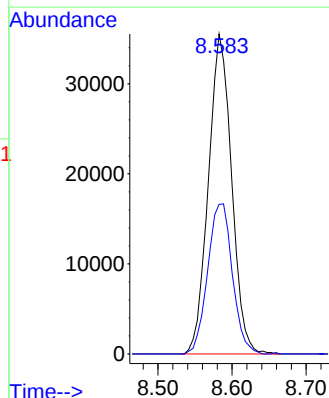
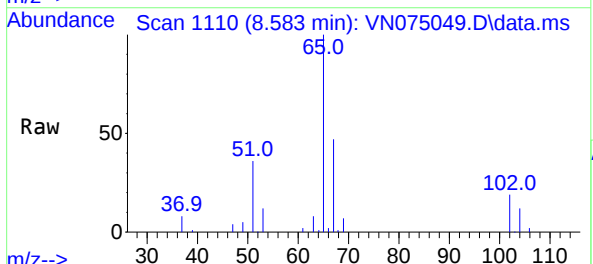
Acq: 27 Oct 2022 18:31

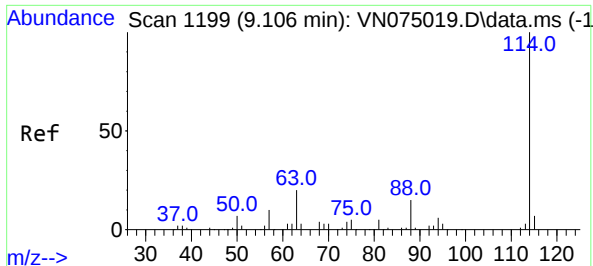
Tgt Ion: 65 Resp: 77296

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.0

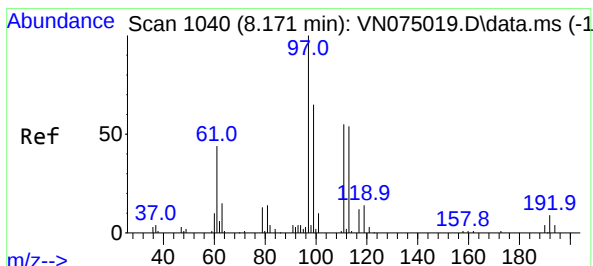
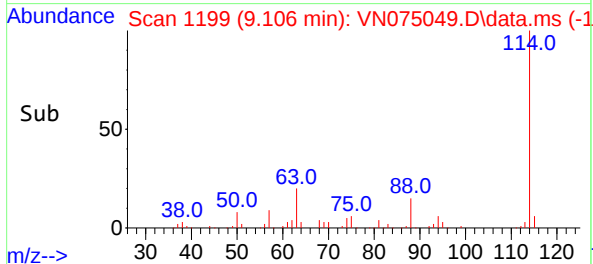
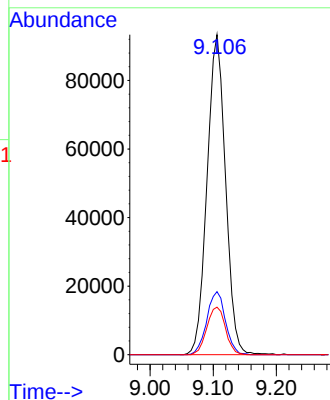
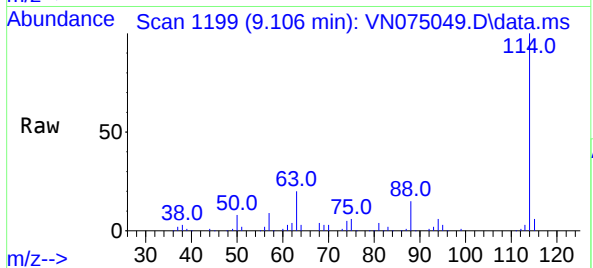




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

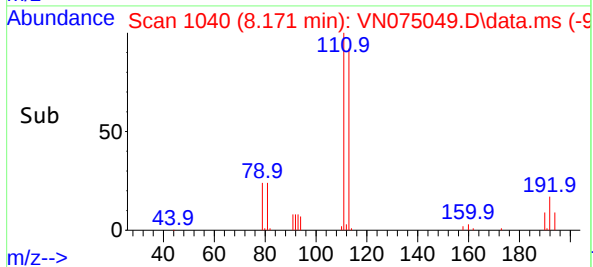
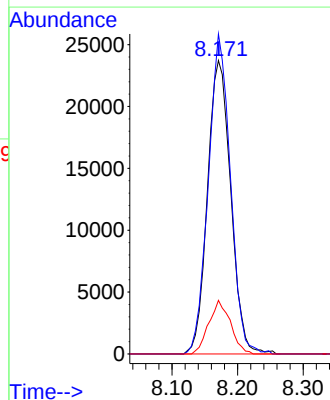
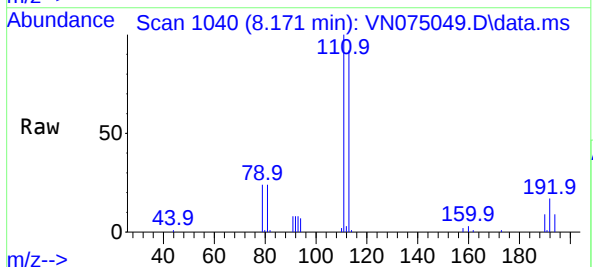
Instrument :
MSVOA_N
ClientSampleId :

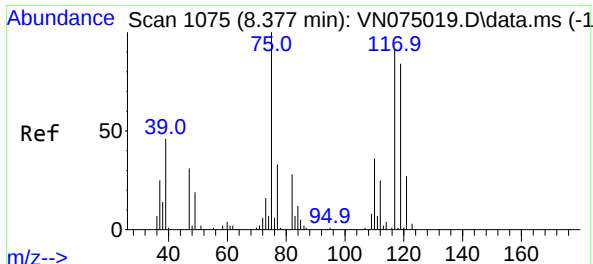
Tgt Ion:114 Resp: 189224
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.675 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

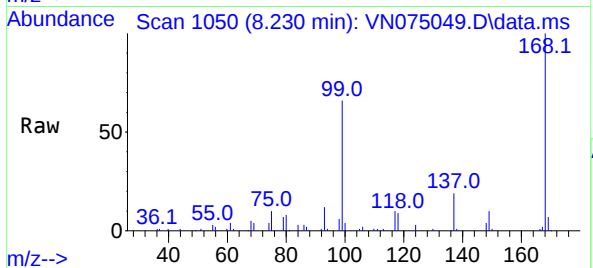
Tgt Ion:113 Resp: 58514
Ion Ratio Lower Upper
113 100
111 103.6 80.5 120.7
192 17.0 13.2 19.8



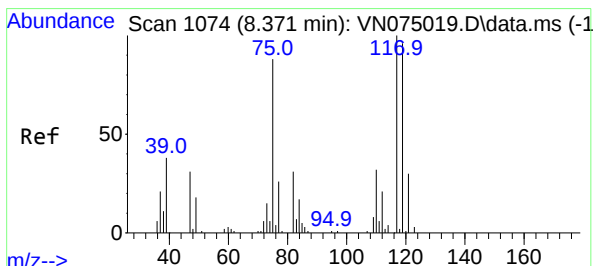
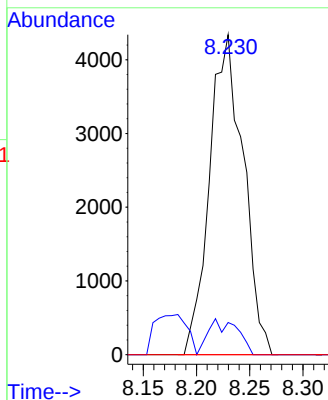
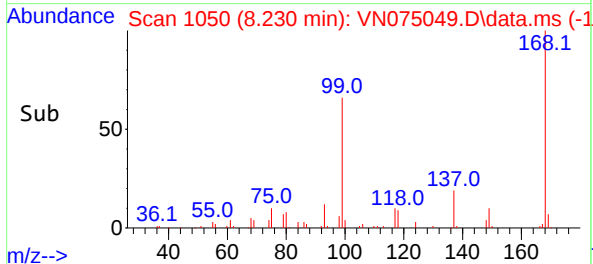


#36
1,1-Dichloropropene
Concen: 5.572 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

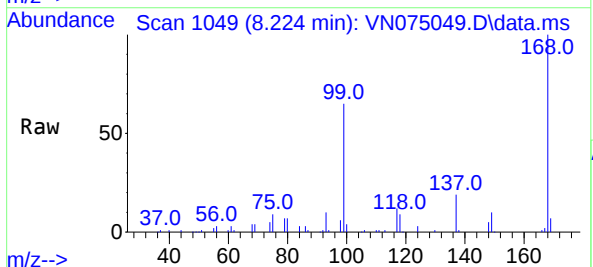
Instrument :
MSVOA_N
ClientSampleId :



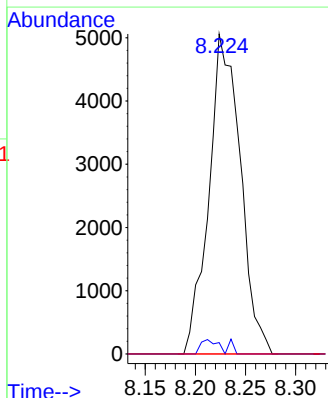
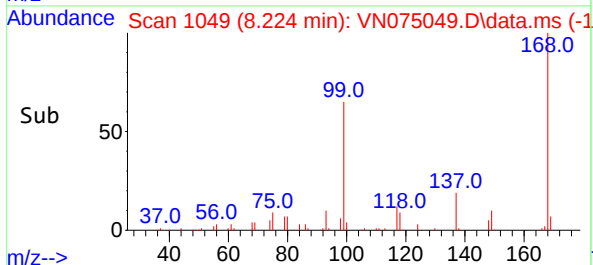
Tgt Ion: 75 Resp: 9582
Ion Ratio Lower Upper
75 100
110 4.8 17.8 53.3#
77 0.0 24.6 37.0#

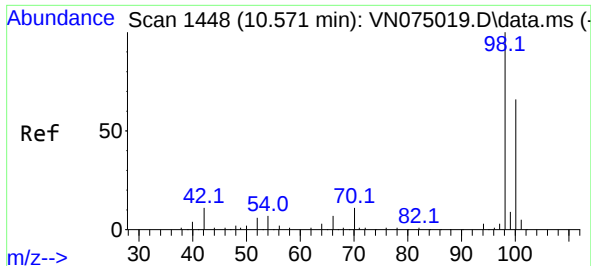


#38
Carbon Tetrachloride
Concen: 5.847 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31



Tgt Ion: 117 Resp: 11062
Ion Ratio Lower Upper
117 100
119 3.6 76.7 115.1#
121 0.0 23.9 35.9#

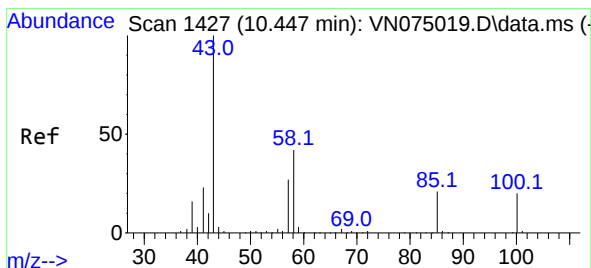
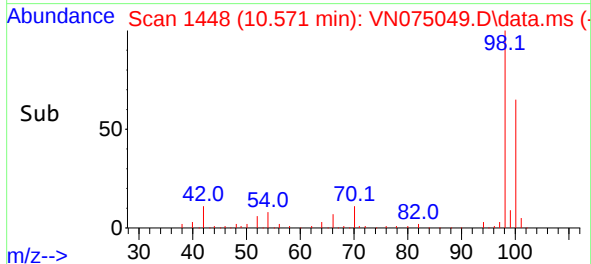
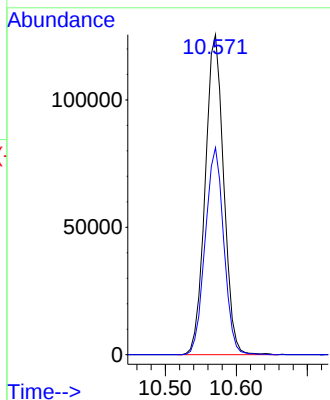
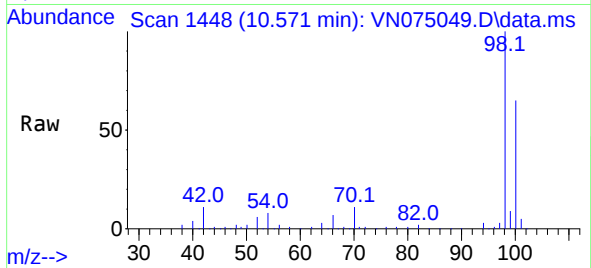




#50
Toluene-d8
Concen: 52.649 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

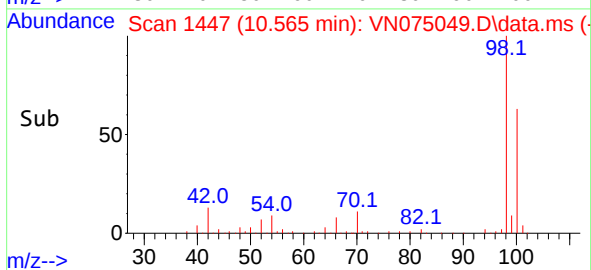
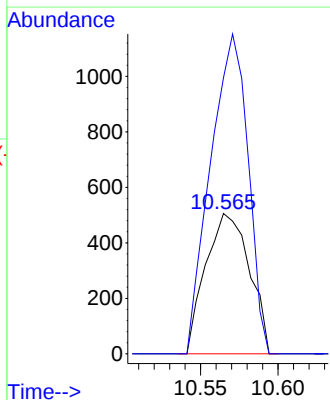
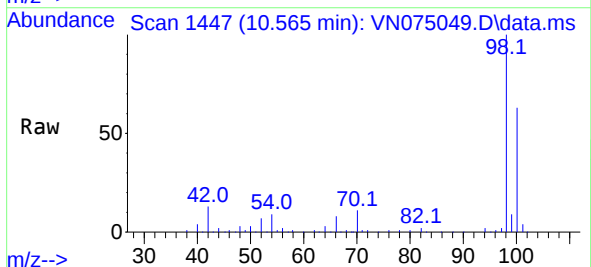
Instrument :
MSVOA_N
ClientSampleId :

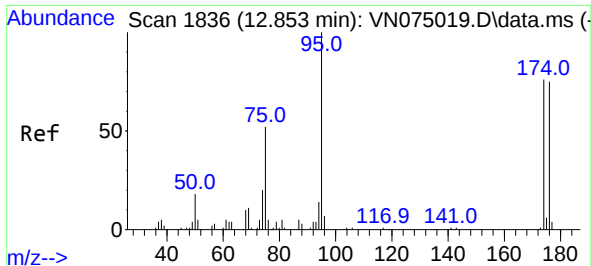
Tgt Ion: 98 Resp: 226903
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 196.0 33.6 50.4#

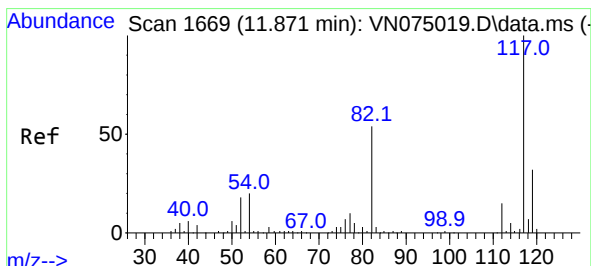
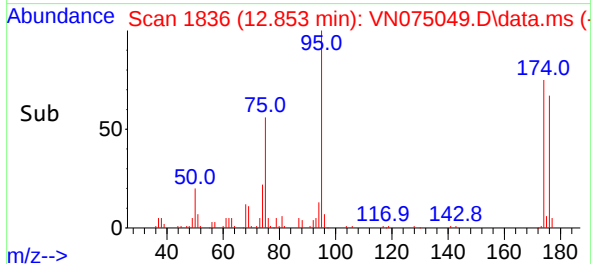
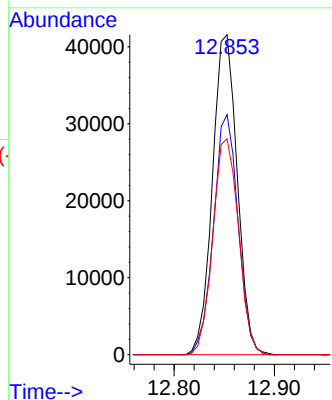
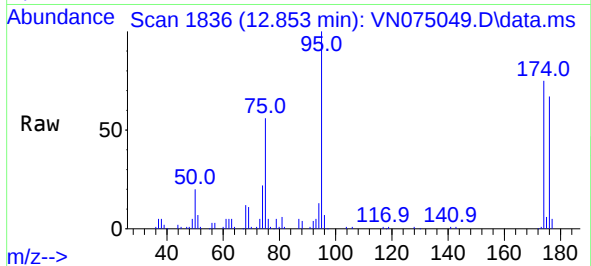




#62
4-Bromofluorobenzene
Concen: 47.190 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

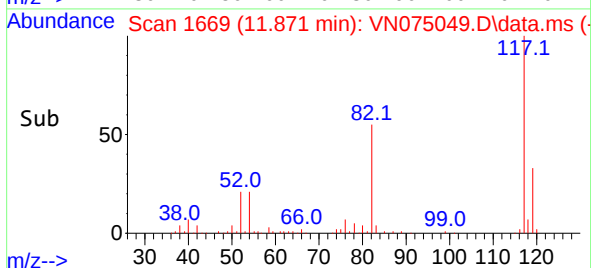
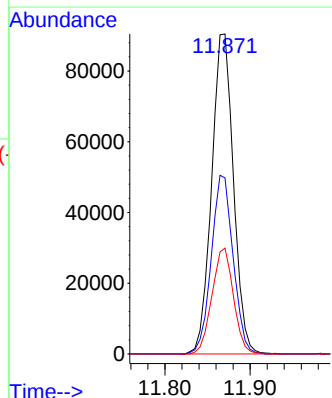
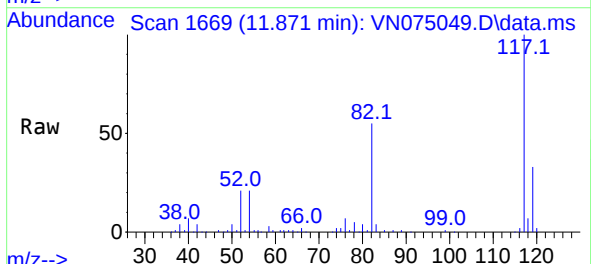
Instrument :
MSVOA_N
ClientSampleId :

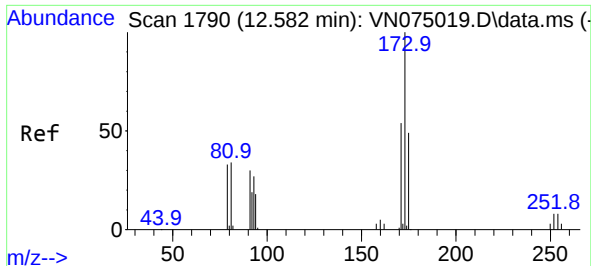
Tgt Ion: 95 Resp: 71443
Ion Ratio Lower Upper
95 100
174 74.1 0.0 147.4
176 70.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 117 Resp: 160879
Ion Ratio Lower Upper
117 100
82 55.0 43.1 64.7
119 33.1 25.5 38.3

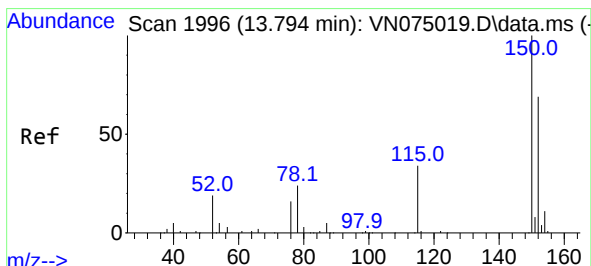
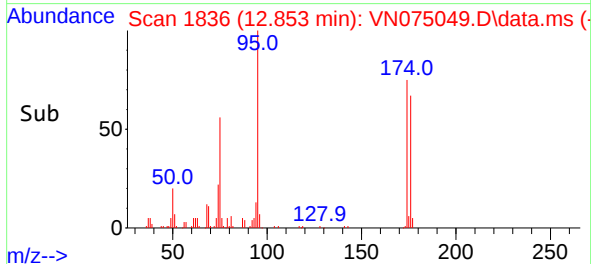
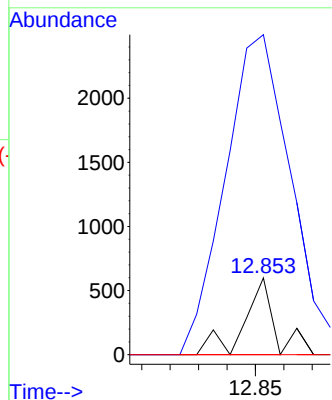
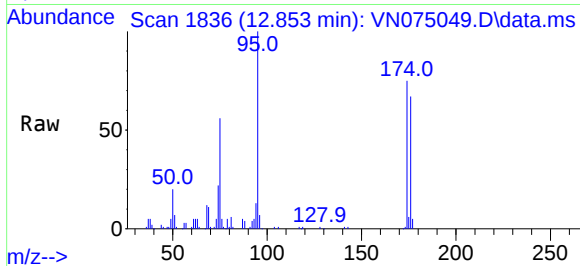




#71
Bromoform
Concen: 0.399 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

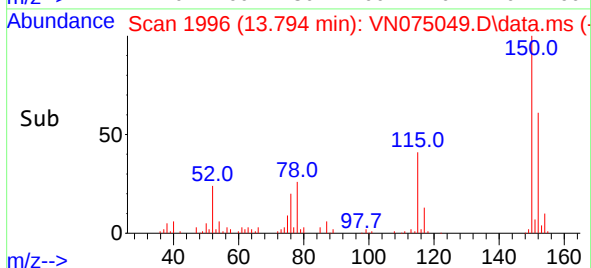
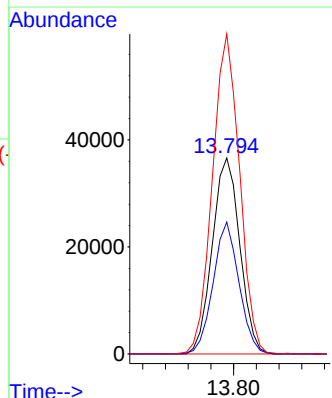
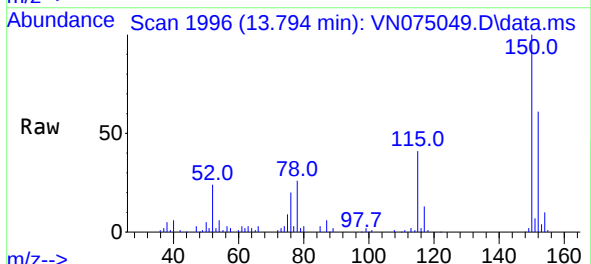
Instrument :
MSVOA_N
ClientSampleId :

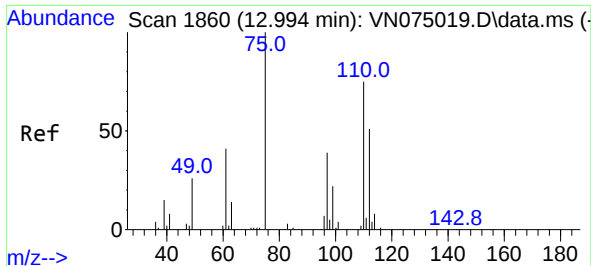
Tgt Ion:173 Resp: 381
Ion Ratio Lower Upper
173 100
175 880.1 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion:152 Resp: 61615
Ion Ratio Lower Upper
152 100
115 63.3 30.2 90.6
150 161.1 0.0 348.4

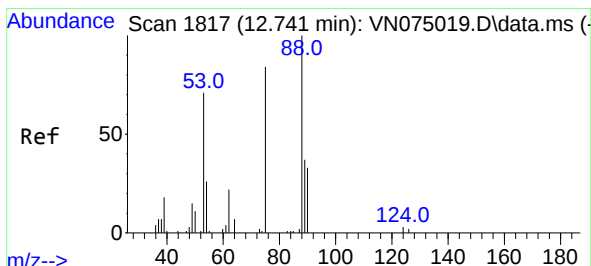
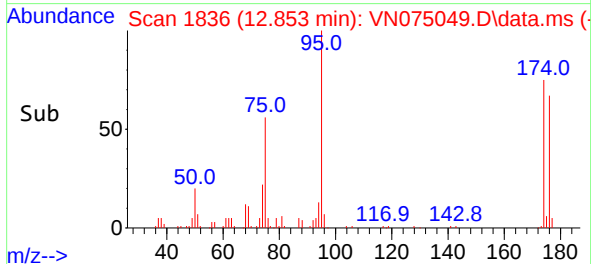
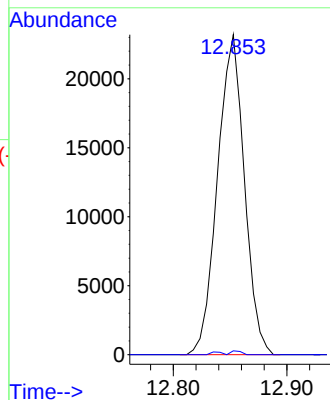
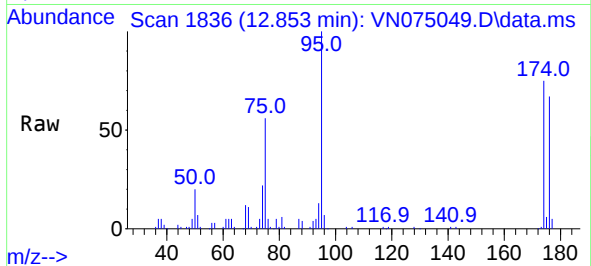




#76
1,2,3-Trichloropropane
Concen: 29.111 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 38085
Ion Ratio Lower Upper
75 100
77 0.5 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.729 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075049.D
Acq: 27 Oct 2022 18:31

Tgt Ion: 75 Resp: 38085
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

