

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075792.D
 Acq On : 15 Dec 2022 02:04
 Operator : JC\MD
 Sample : N5990-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB120722

Quant Time: Dec 15 03:16:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

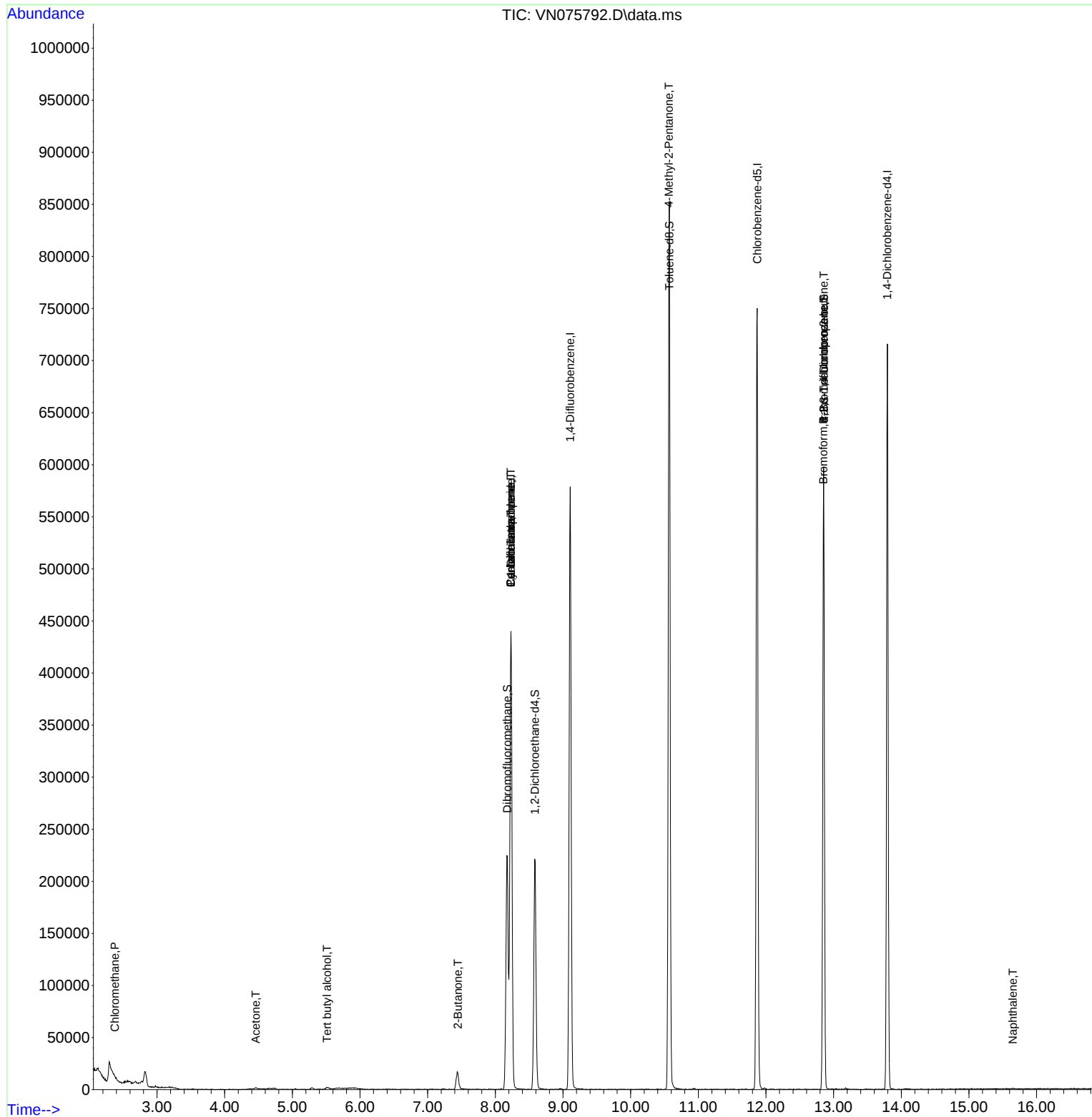
Internal Standards						
1) Pentafluorobenzene	8.230	168	344041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	535014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	470896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	175422	46.869	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	8.177	113	160509	48.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.880%		
50) Toluene-d8	10.571	98	620758	50.110	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.220%		
62) 4-Bromofluorobenzene	12.853	95	194187	47.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.660%		
Target Compounds			Qvalue			
3) Chloromethane	2.377	50	699	0.230	ug/l #	40
11) Tert butyl alcohol	5.512	59	1877	3.544	ug/l #	72
16) Acetone	4.459	43	2096	1.625	ug/l #	39
20) Methylene Chloride	5.289	84	1135	Below Cal	#	79
25) 2-Butanone	7.447	43	504	0.279	ug/l #	40
31) Cyclohexane	8.230	56	6393	1.193	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	25066	5.695	ug/l #	49
38) Carbon Tetrachloride	8.230	117	33363	6.773	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1832	0.519	ug/l #	1
71) Bromoform	12.847	173	1252	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	100228	25.204	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100228	90.721	ug/l #	12
95) Naphthalene	15.647	128	1237	2.288	ug/l #	76

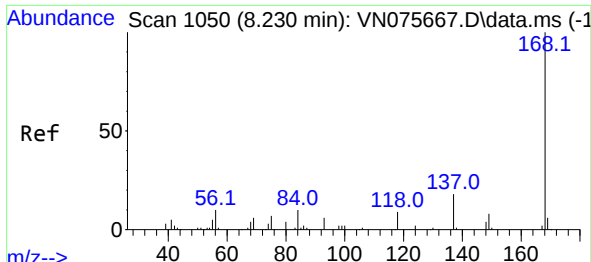
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
Data File : VN075792.D
Acq On : 15 Dec 2022 02:04
Operator : JC\MD
Sample : N5990-13
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB120722

Quant Time: Dec 15 03:16:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

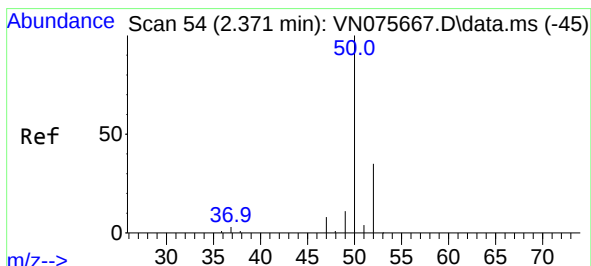
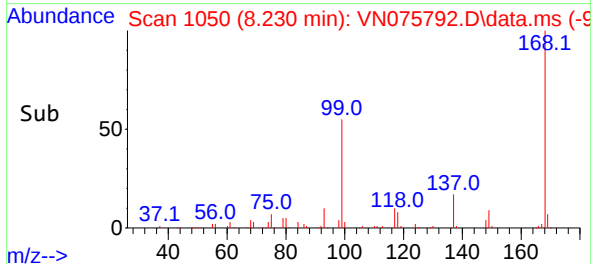
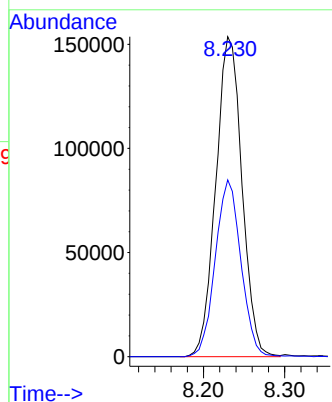
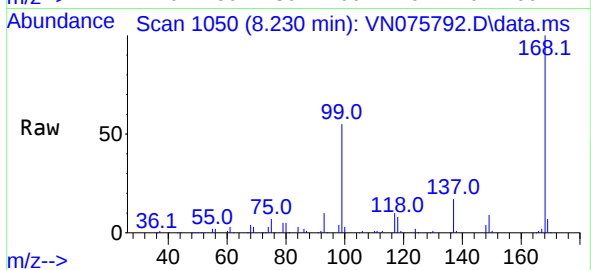




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

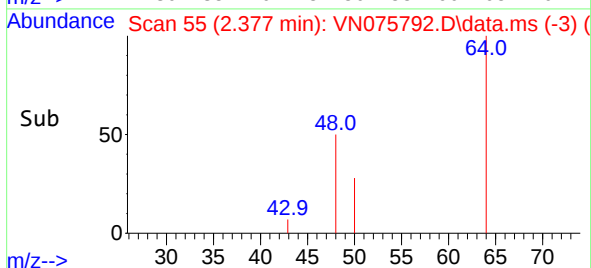
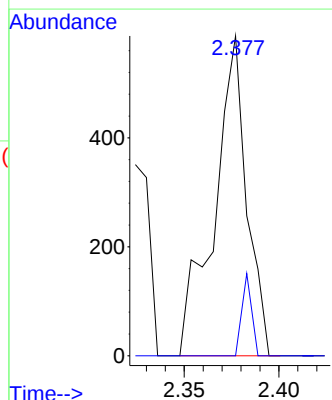
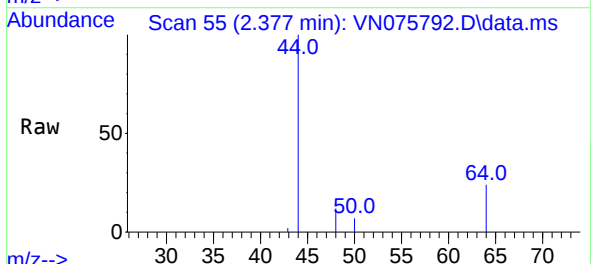
Instrument :
MSVOA_N
ClientSampleId :
FB120722

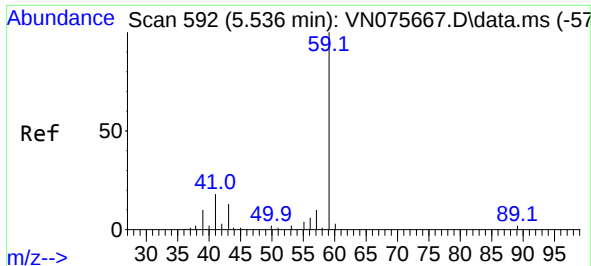
Tgt Ion:168 Resp: 344041
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Tgt Ion: 50 Resp: 699
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#





#11

Tert butyl alcohol

Concen: 3.544 ug/l

RT: 5.512 min Scan# 51

Delta R.T. -0.023 min

Lab File: VN075792.D

Acq: 15 Dec 2022 02:04

Instrument :

MSVOA_N

ClientSampleId :

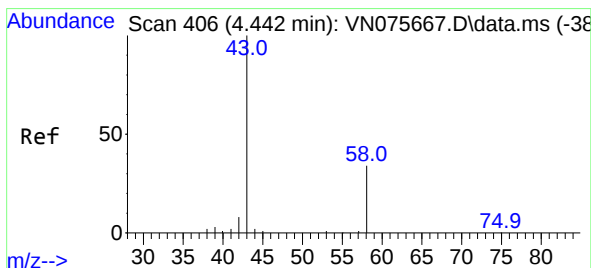
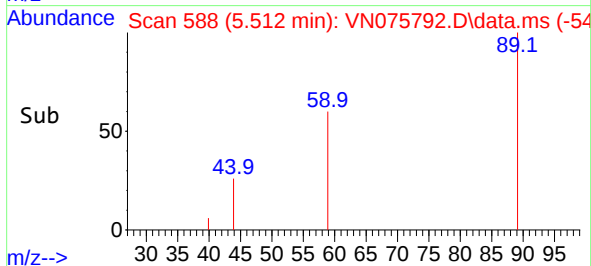
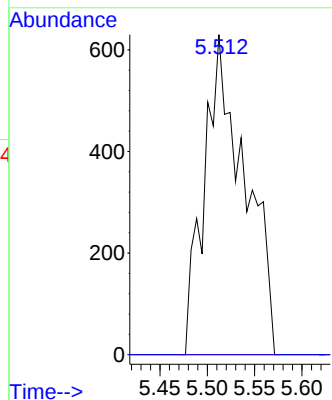
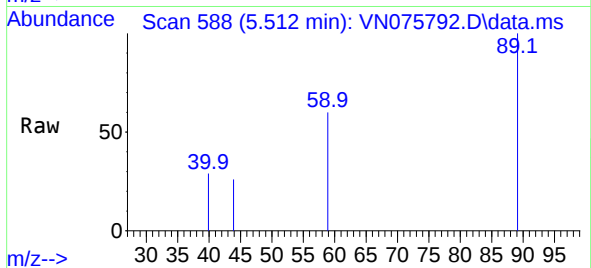
FB120722

Tgt Ion: 59 Resp: 1877

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.625 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.018 min

Lab File: VN075792.D

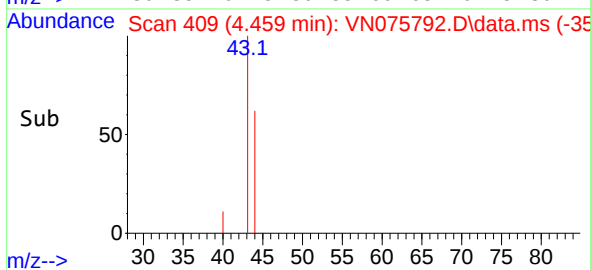
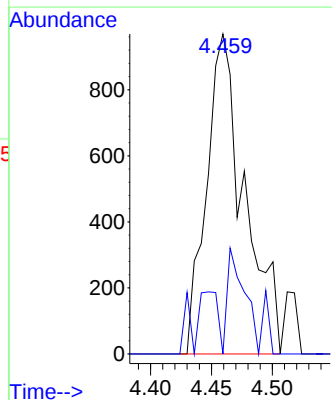
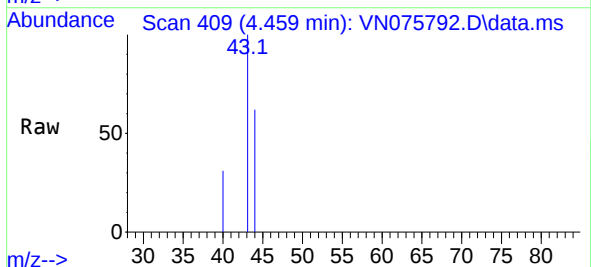
Acq: 15 Dec 2022 02:04

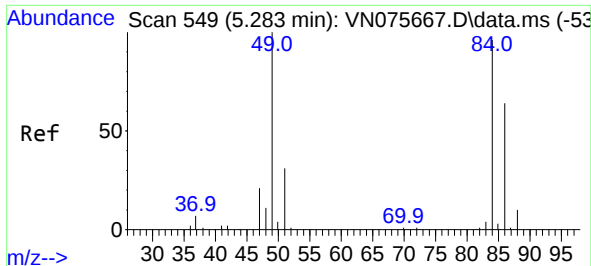
Tgt Ion: 43 Resp: 2096

Ion Ratio Lower Upper

43 100

58 0.0 28.6 43.0#

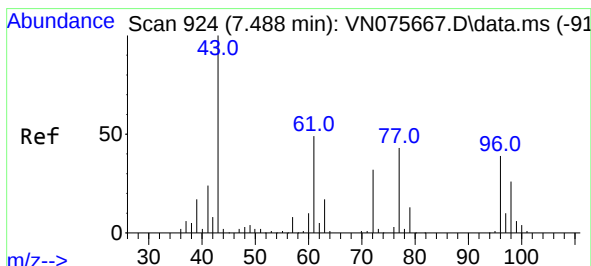
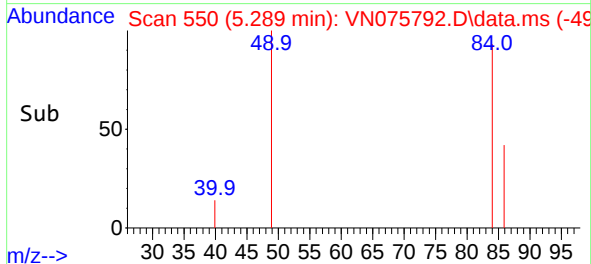
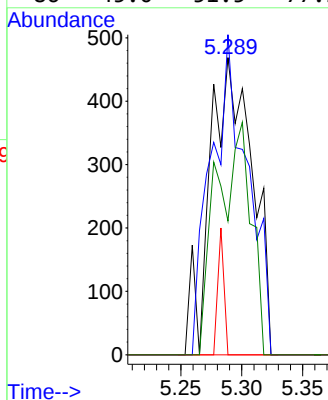
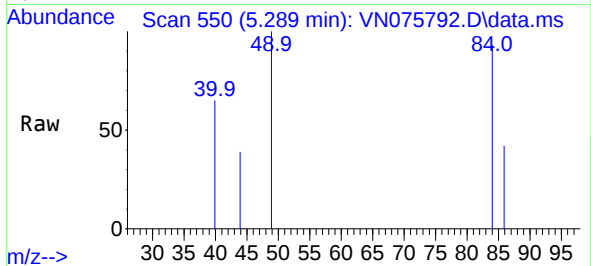




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

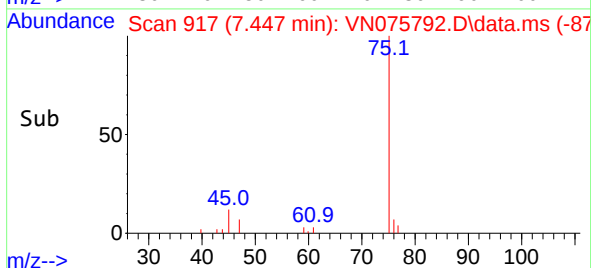
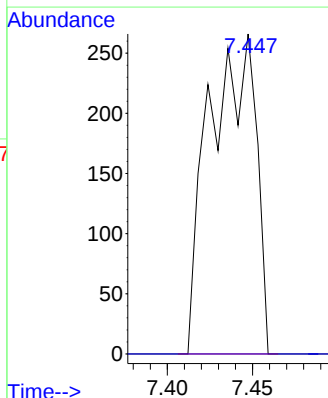
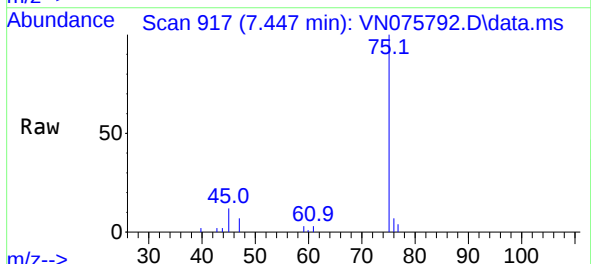
Instrument :
MSVOA_N
ClientSampleId :
FB120722

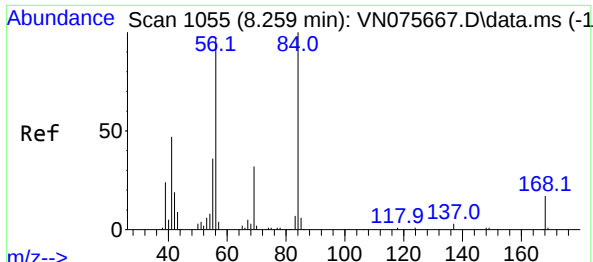
Tgt Ion:	84	Resp:	1135
Ion	Ratio	Lower	Upper
84	100		
49	107.7	81.8	122.6
51	0.0	26.7	40.1#
86	45.0	51.5	77.3#



#25
2-Butanone
Concen: 0.279 ug/l
RT: 7.447 min Scan# 917
Delta R.T. -0.041 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

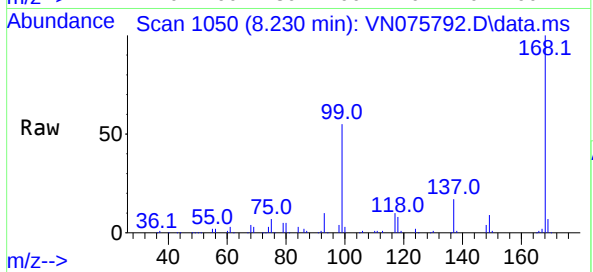
Tgt Ion:	43	Resp:	504
Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.0	42.0#



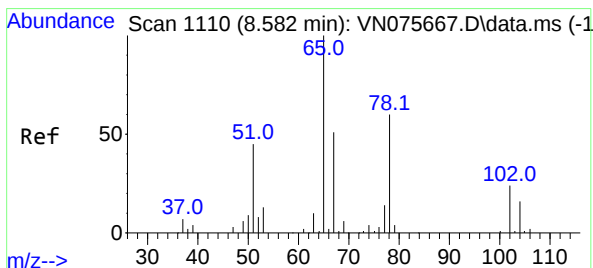
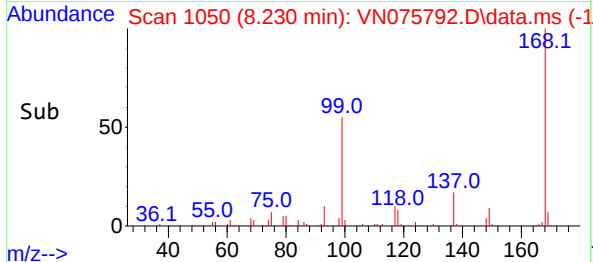
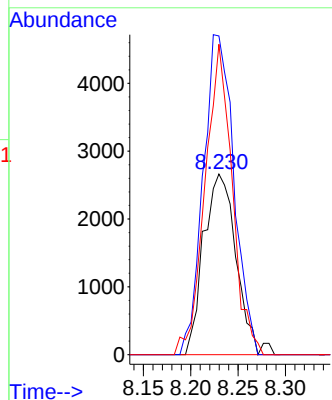


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 8.230 min Scan# 1055
Delta R.T. -0.035 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Instrument :
MSVOA_N
ClientSampleId :
FB120722

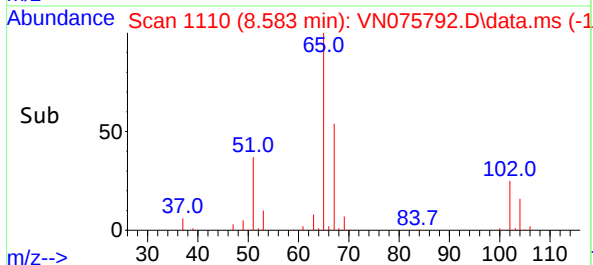
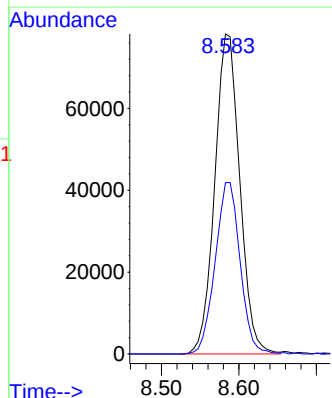
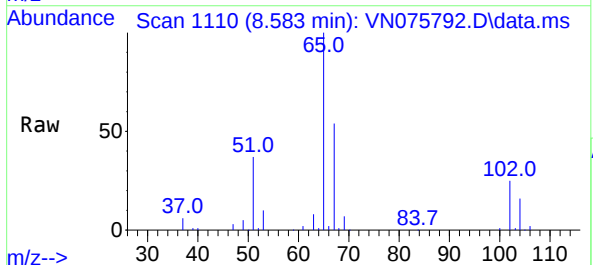


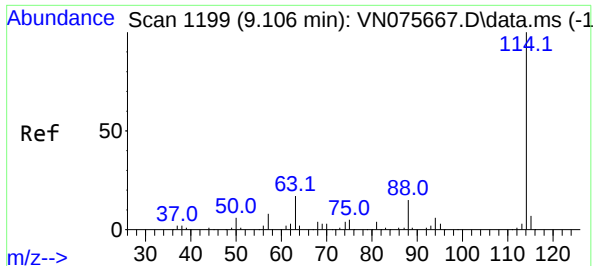
Tgt Ion: 56 Resp: 6393
Ion Ratio Lower Upper
56 100
69 176.4 24.7 37.1#
84 171.8 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.869 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Tgt Ion: 65 Resp: 175422
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.4

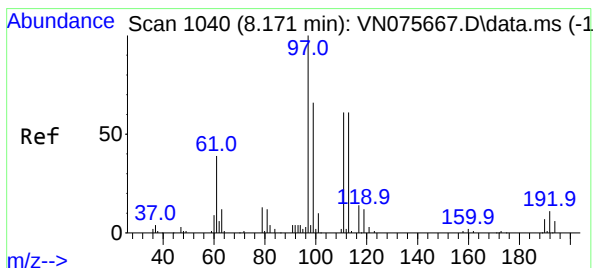
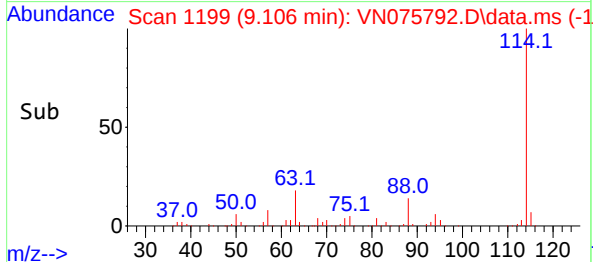
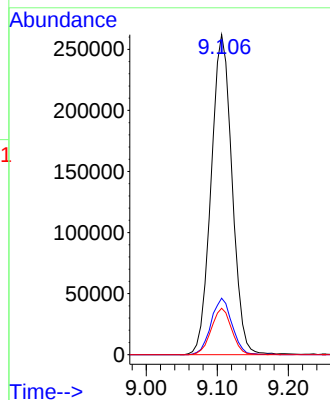
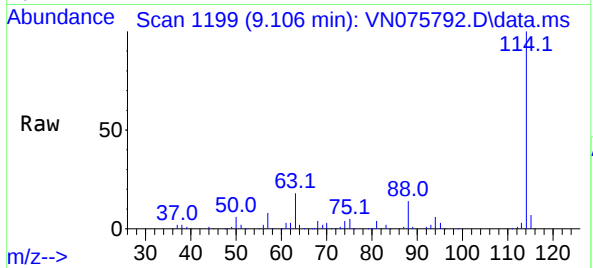




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

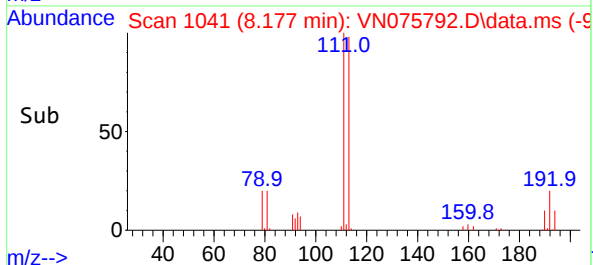
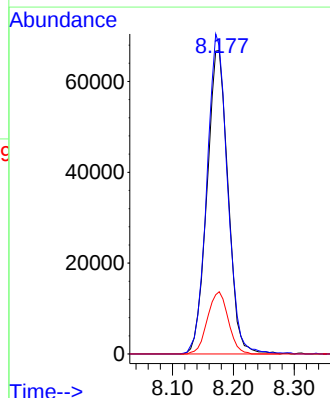
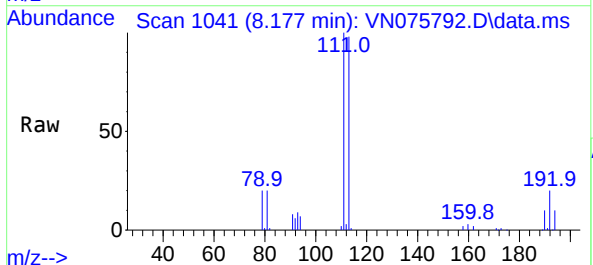
Instrument :
MSVOA_N
ClientSampleId :
FB120722

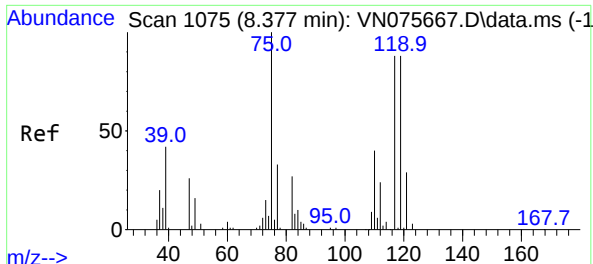
Tgt Ion:114 Resp: 535014
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.4
88 14.5 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.444 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Tgt Ion:113 Resp: 160509
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 20.2 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.695 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075792.D

Acq: 15 Dec 2022 02:04

Instrument :

MSVOA_N

ClientSampleId :

FB120722

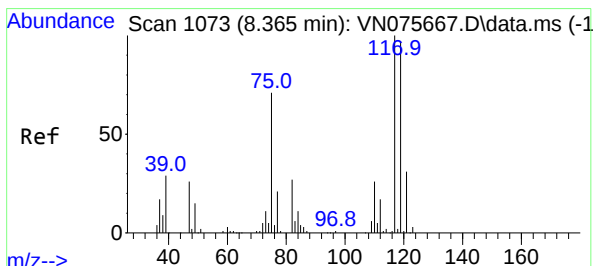
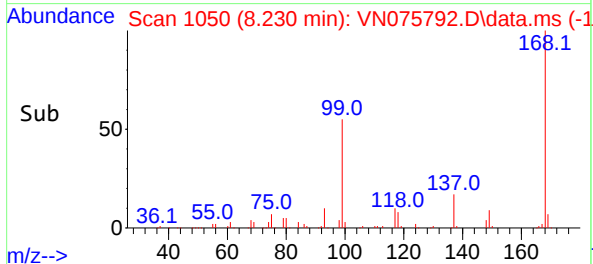
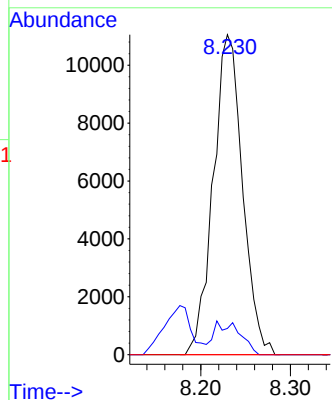
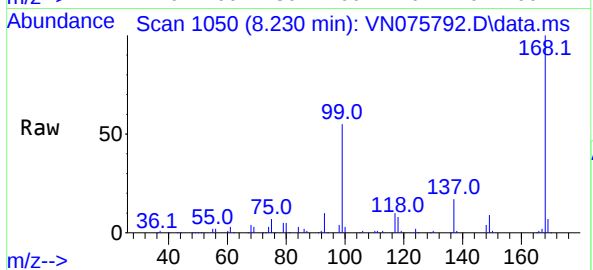
Tgt Ion: 75 Resp: 25066

Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.773 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075792.D

Acq: 15 Dec 2022 02:04

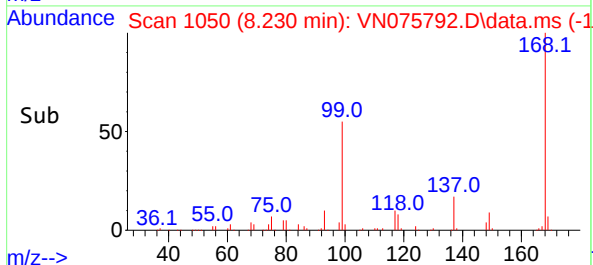
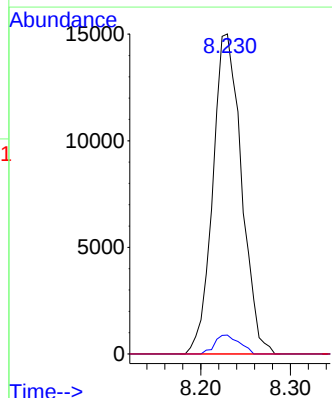
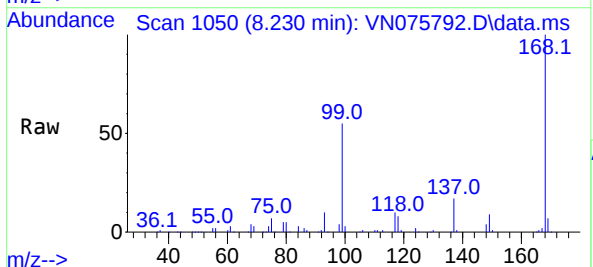
Tgt Ion: 117 Resp: 33363

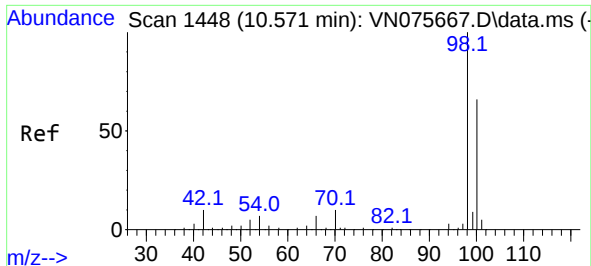
Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

121 0.0 24.5 36.7#

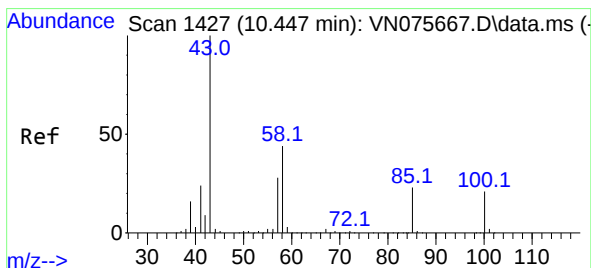
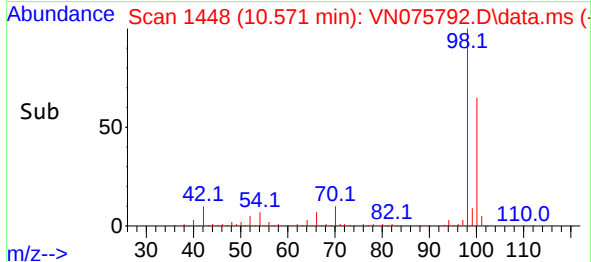
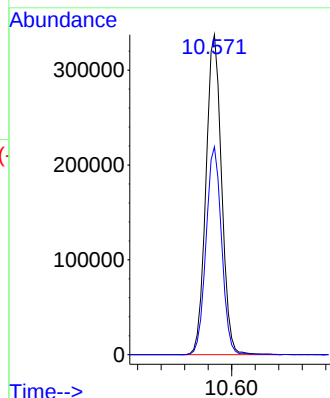
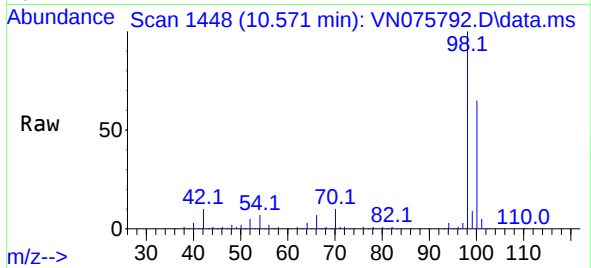




#50
Toluene-d8
Concen: 50.110 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

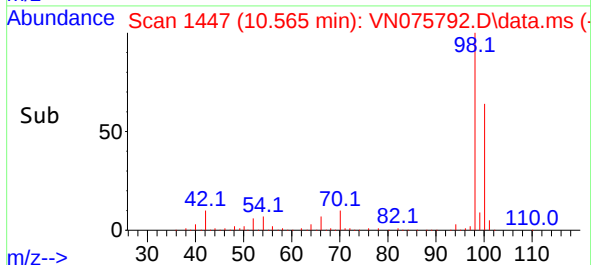
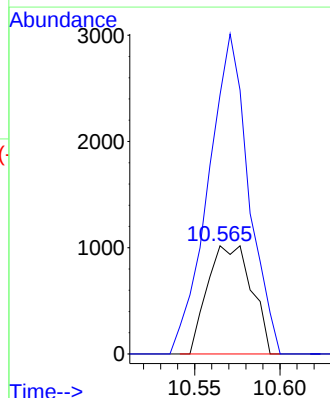
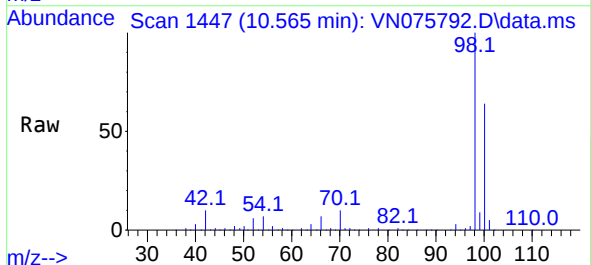
Instrument :
MSVOA_N
ClientSampleId :
FB120722

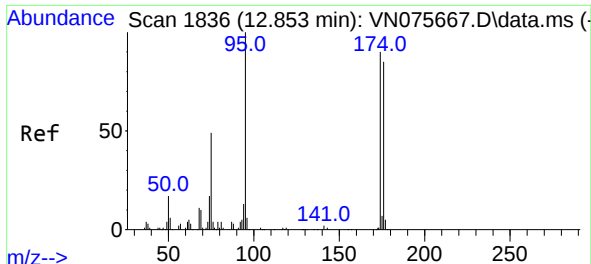
Tgt Ion: 98 Resp: 620758
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
58 271.8 35.5 53.3#

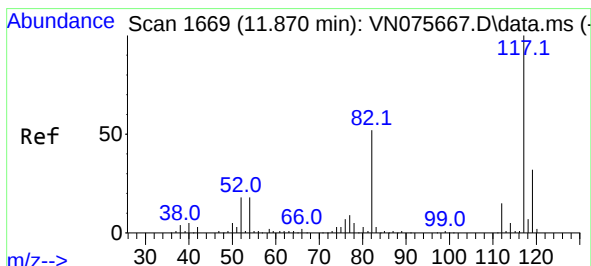
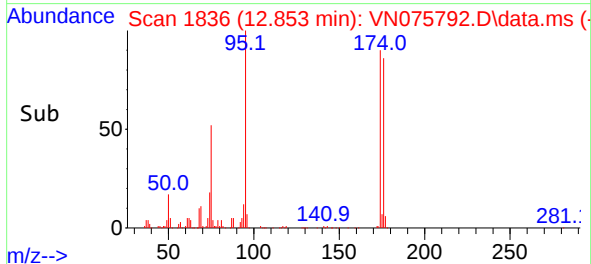
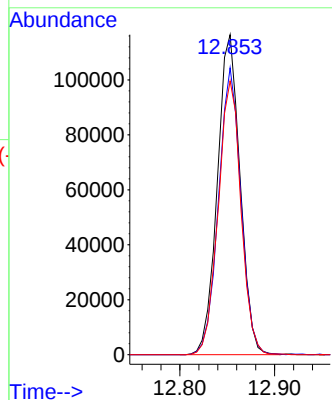
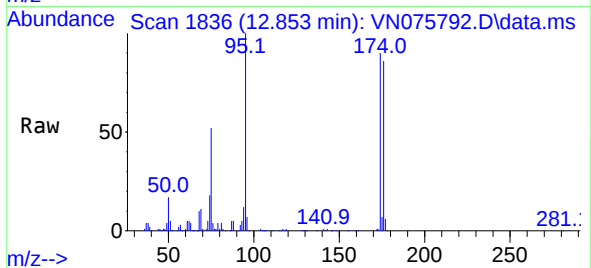




#62
4-Bromofluorobenzene
Concen: 47.328 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

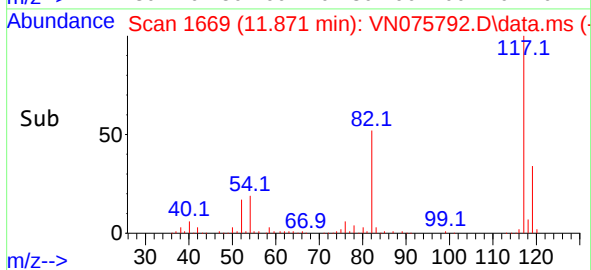
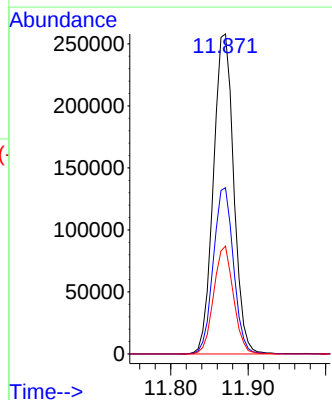
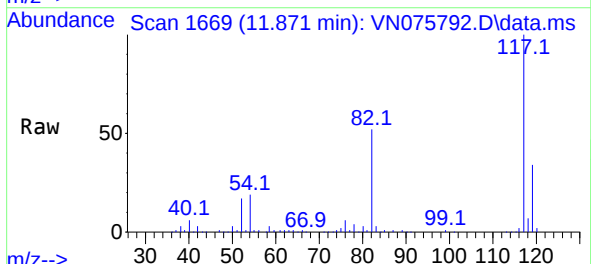
Instrument :
MSVOA_N
ClientSampleId :
FB120722

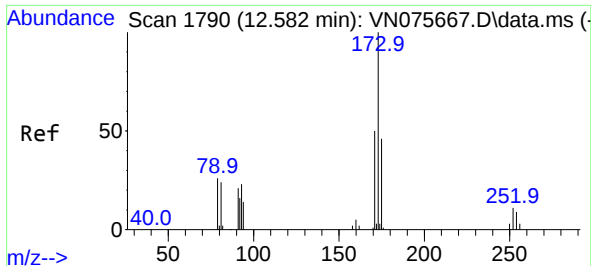
Tgt Ion: 95 Resp: 194187
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 85.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Tgt Ion: 117 Resp: 470896
Ion Ratio Lower Upper
117 100
82 52.0 41.3 61.9
119 33.7 24.6 37.0

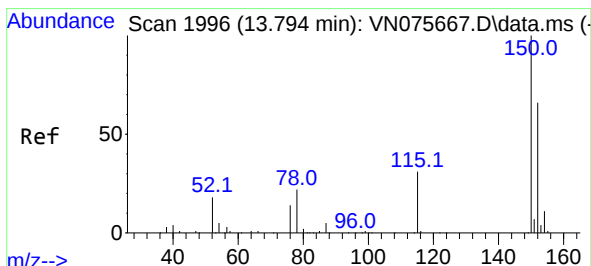
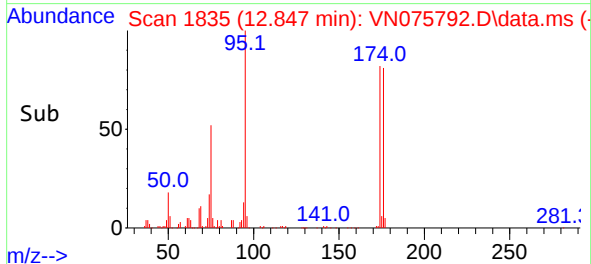
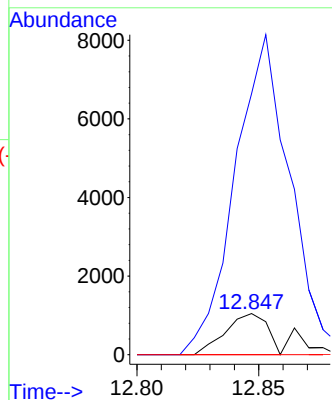
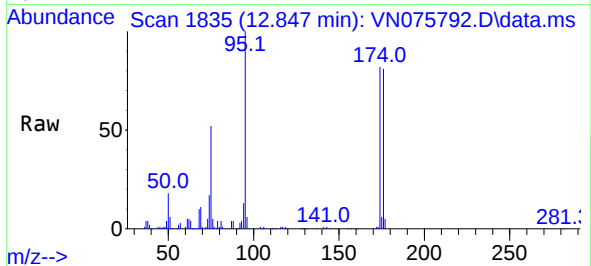




#71
Bromoform
Concen: 0.481 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.265 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

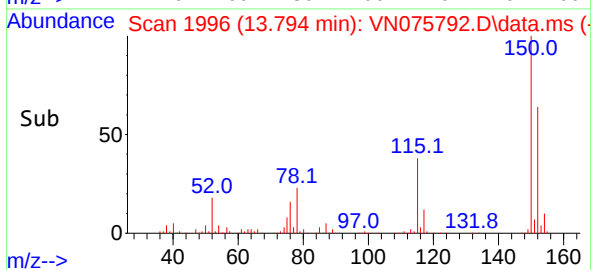
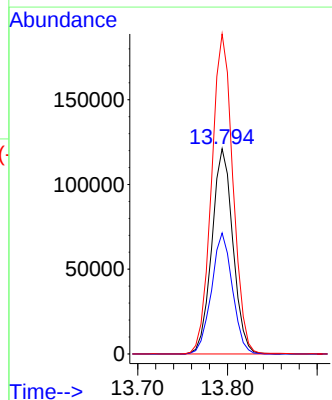
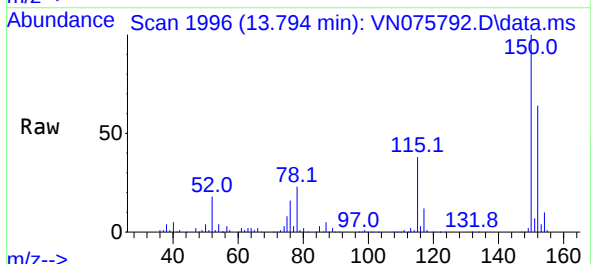
Instrument :
MSVOA_N
ClientSampleId :
FB120722

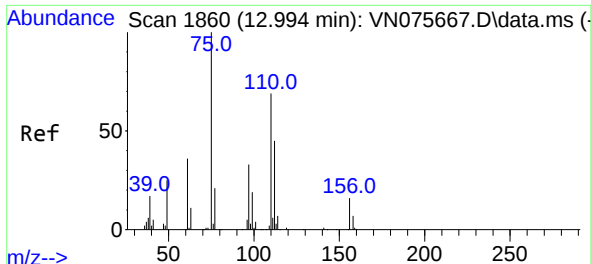
Tgt Ion:173 Resp: 1252
Ion Ratio Lower Upper
173 100
175 826.1 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Tgt Ion:152 Resp: 197282
Ion Ratio Lower Upper
152 100
115 58.5 29.1 87.4
150 158.3 0.0 347.0

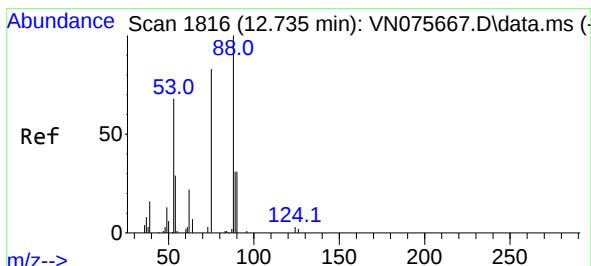
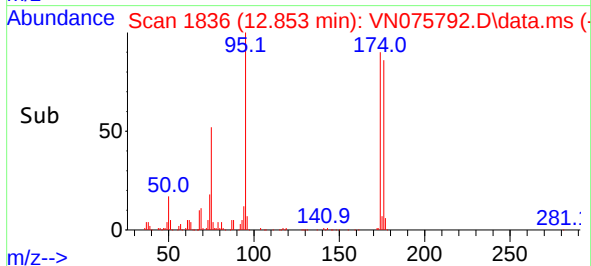
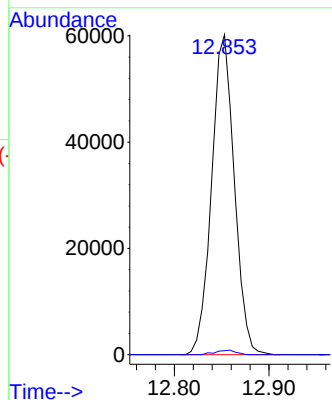
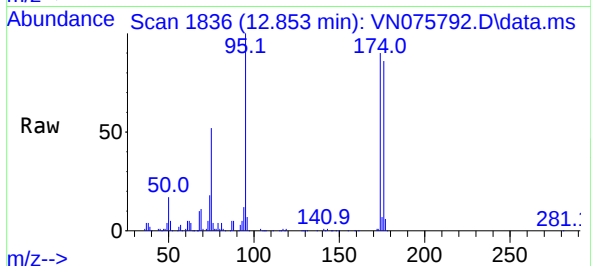




#76
1,2,3-Trichloropropane
Concen: 25.204 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

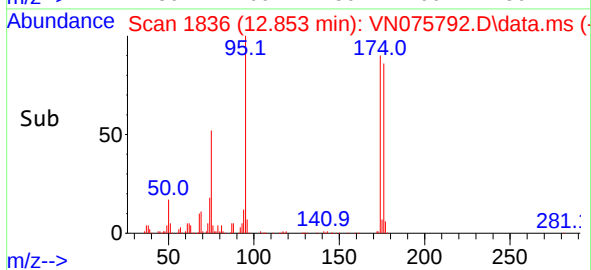
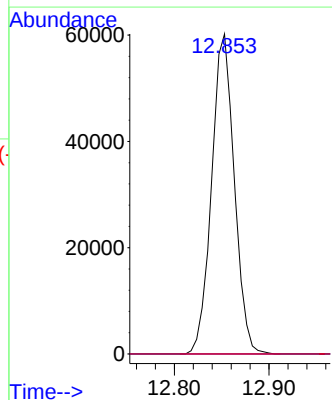
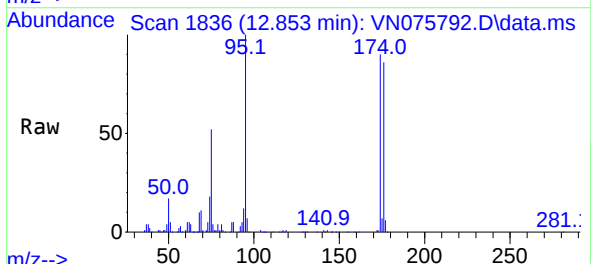
Instrument :
MSVOA_N
ClientSampleId :
FB120722

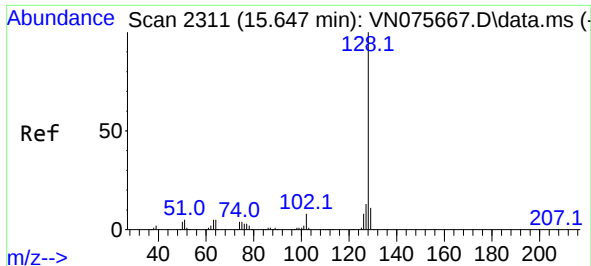
Tgt Ion: 75 Resp: 100228
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.721 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

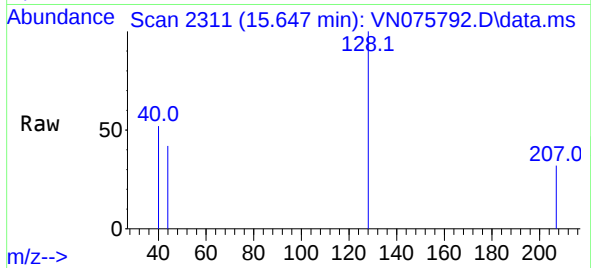
Tgt Ion: 75 Resp: 100228
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.288 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075792.D
Acq: 15 Dec 2022 02:04

Instrument :
MSVOA_N
ClientSampleId :
FB120722



Tgt Ion:	128	Resp:	1237
Ion	Ratio	Lower	Upper
128	100		
127	4.9	10.4	15.6#
129	0.0	8.7	13.1#

