

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075791.D
 Acq On : 15 Dec 2022 01:40
 Operator : JC\MD
 Sample : N5990-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB120822

Quant Time: Dec 15 03:16:26 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)

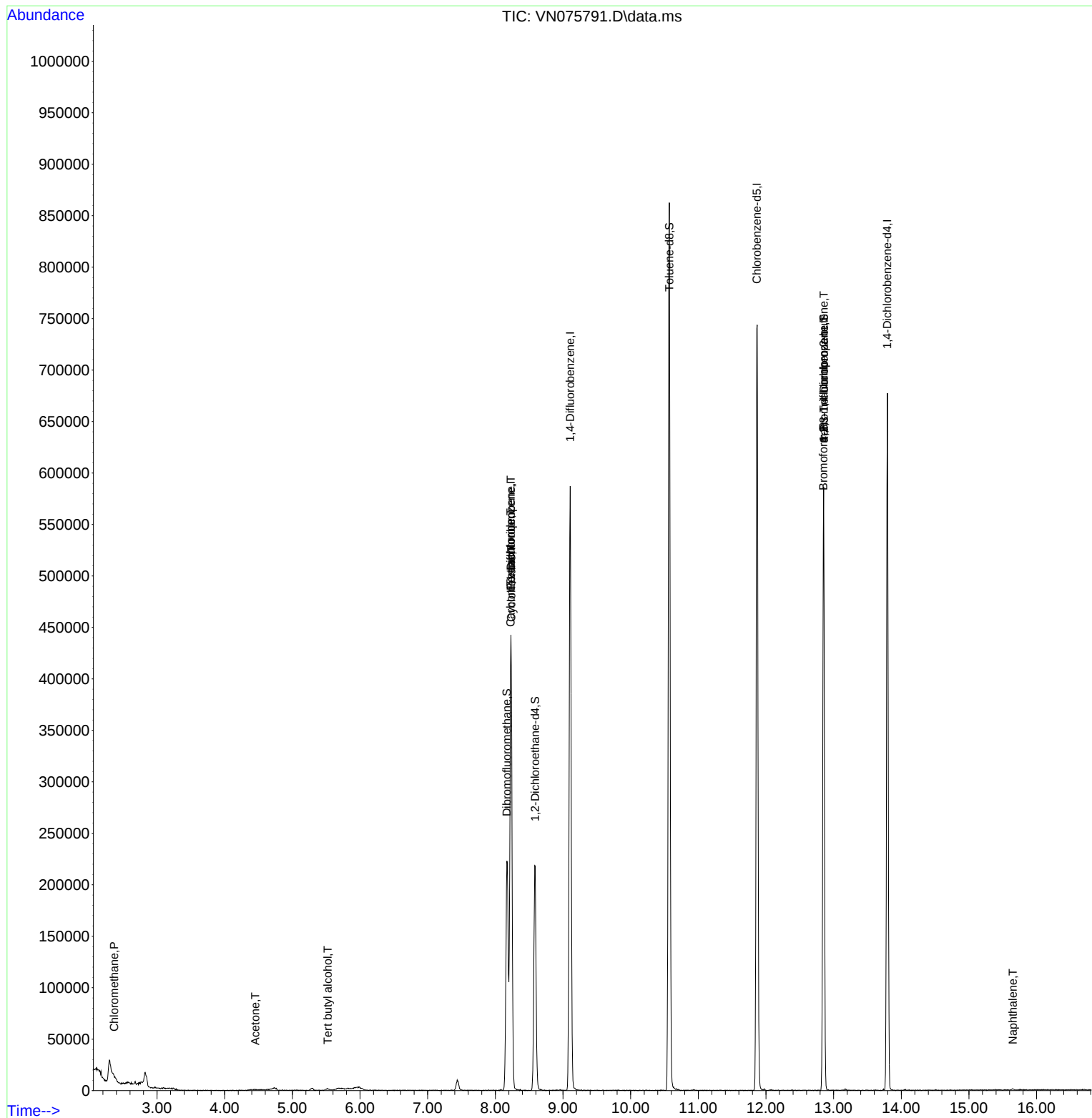
Internal Standards						
1) Pentafluorobenzene	8.230	168	345236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	469527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	190647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	178075	47.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.171	113	162506	48.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.571	98	620522	49.758	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.853	95	190241	46.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	670	0.220	ug/l #	40
11) Tert butyl alcohol	5.524	59	1206	2.269	ug/l #	72
16) Acetone	4.453	43	881	0.680	ug/l #	39
20) Methylene Chloride	5.277	84	1144	Below Cal	#	66
31) Cyclohexane	8.236	56	6272	1.166	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	25129	5.671	ug/l #	49
38) Carbon Tetrachloride	8.224	117	34181	6.893	ug/l #	15
71) Bromoform	12.847	173	1843	0.710	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	97961	25.491	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	97961	91.754	ug/l #	12
95) Naphthalene	15.647	128	1761	2.340	ug/l #	85

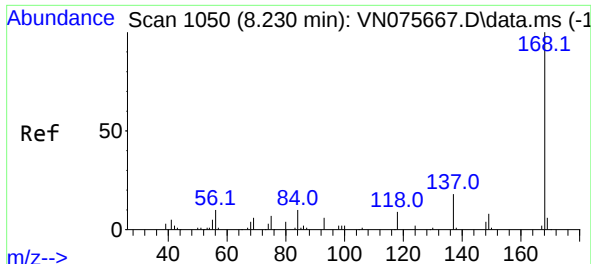
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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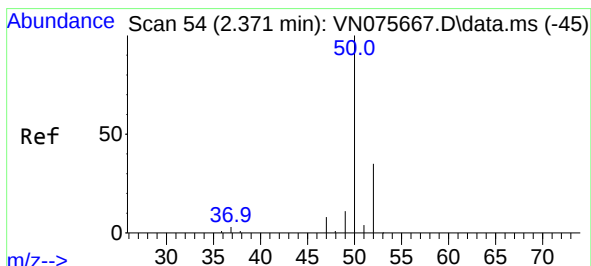
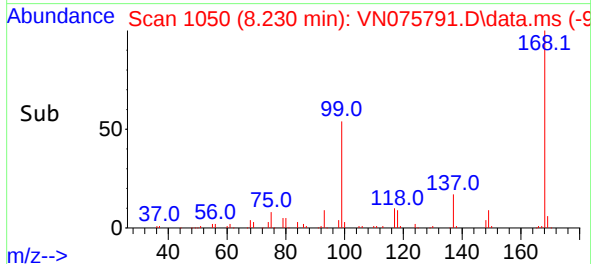
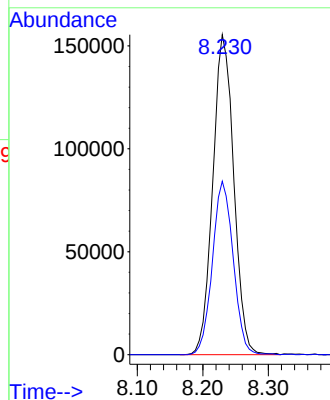
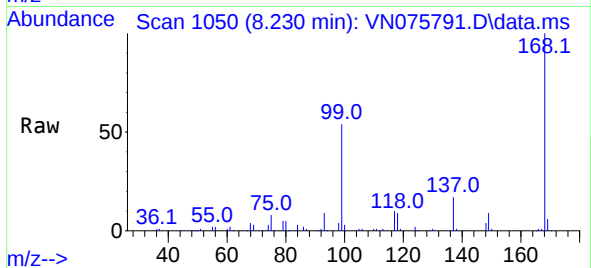




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

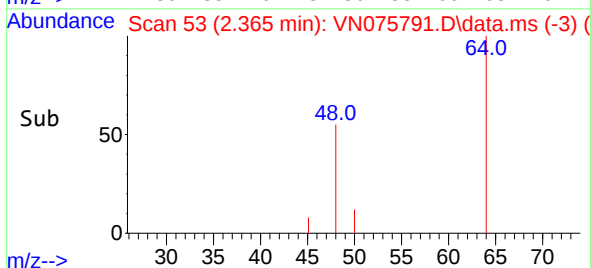
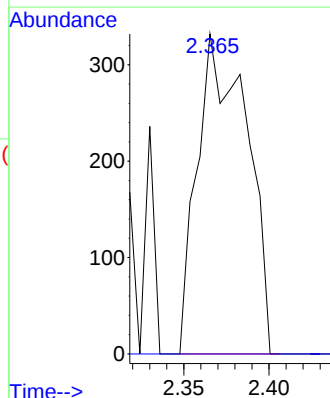
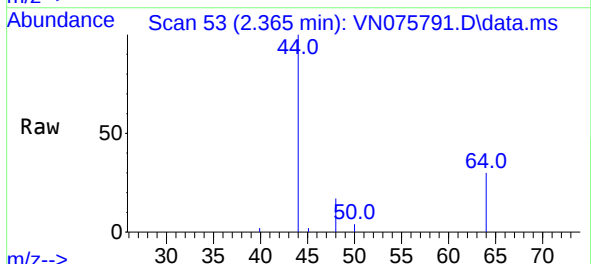
Instrument :
MSVOA_N
ClientSampleId :
FB120822

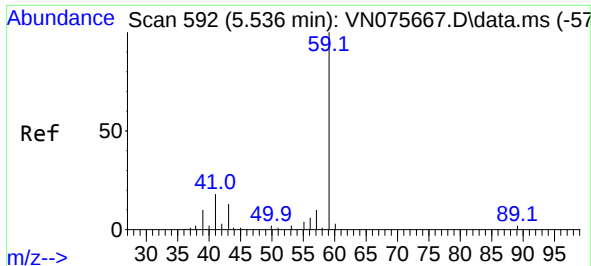
Tgt Ion:168 Resp: 345236
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#3
Chloromethane
Concen: 0.220 ug/l
RT: 2.365 min Scan# 53
Delta R.T. -0.006 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 50 Resp: 670
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#





#11

Tert butyl alcohol

Concen: 2.269 ug/l

RT: 5.524 min Scan# 59

Delta R.T. -0.012 min

Lab File: VN075791.D

Acq: 15 Dec 2022 01:40

Instrument :

MSVOA_N

ClientSampleId :

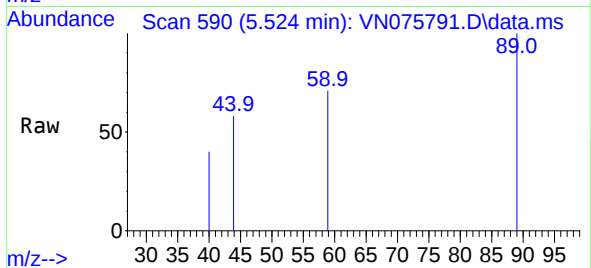
FB120822

Tgt Ion: 59 Resp: 1206

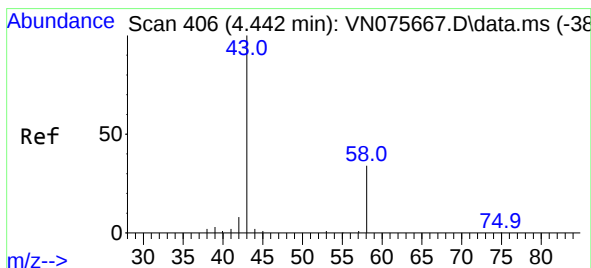
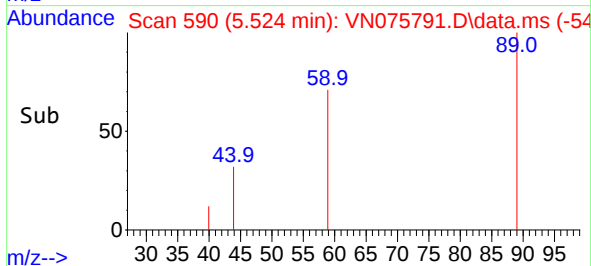
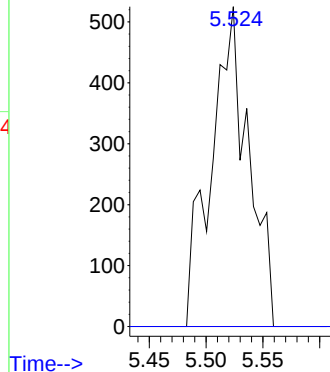
Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance



#16

Acetone

Concen: 0.680 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.012 min

Lab File: VN075791.D

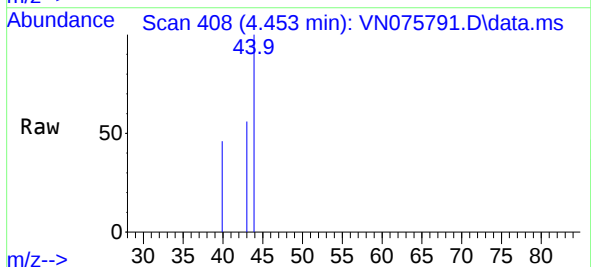
Acq: 15 Dec 2022 01:40

Tgt Ion: 43 Resp: 881

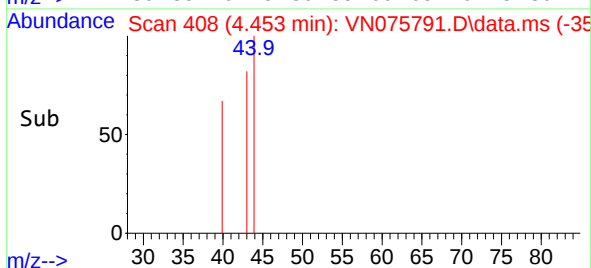
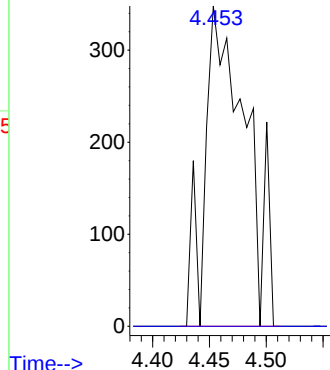
Ion Ratio Lower Upper

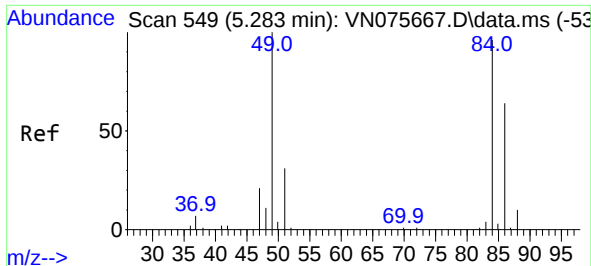
43 100

58 0.0 28.6 43.0#



Abundance



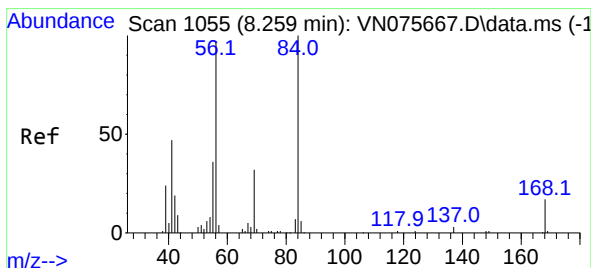
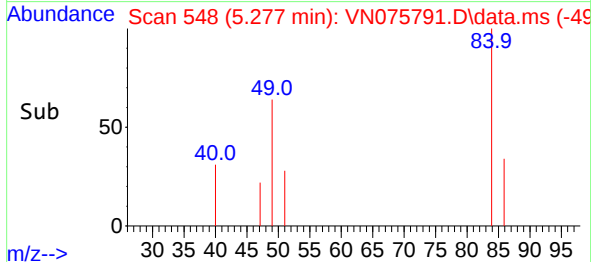
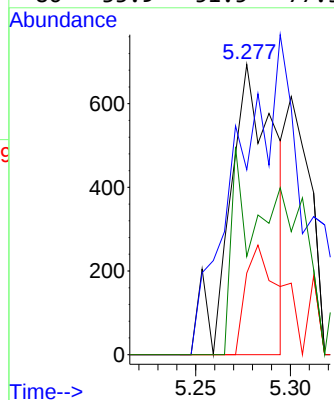
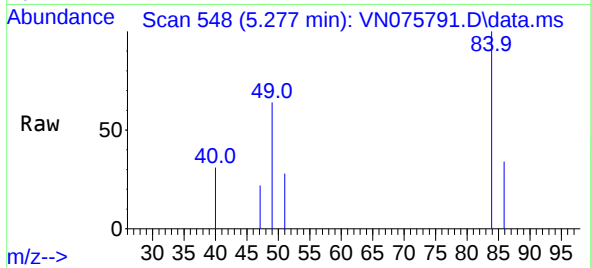


#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 54
Delta R.T. -0.012 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Instrument :
MSVOA_N
ClientSampleId :
FB120822

Tgt Ion: 84 Resp: 1144

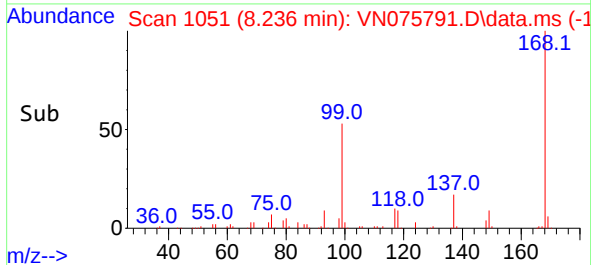
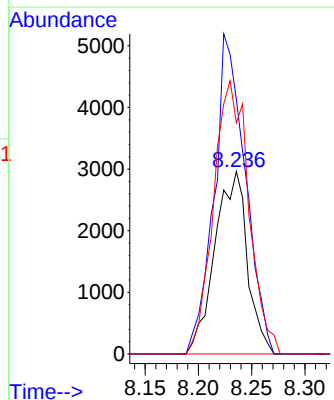
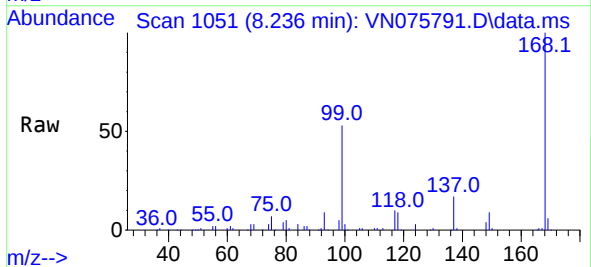
Ion	Ratio	Lower	Upper
84	100		
49	63.7	81.8	122.6#
51	28.1	26.7	40.1
86	33.9	51.5	77.3#

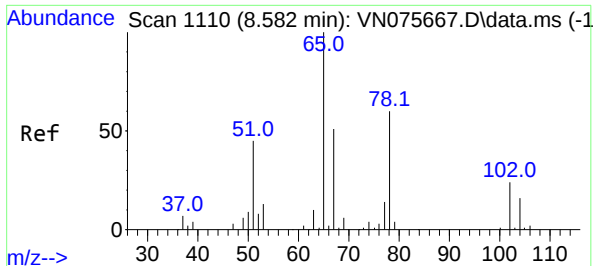


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 56 Resp: 6272

Ion	Ratio	Lower	Upper
56	100		
69	139.5	24.7	37.1#
84	126.6	76.5	114.7#

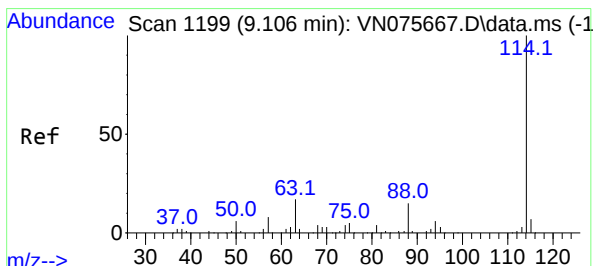
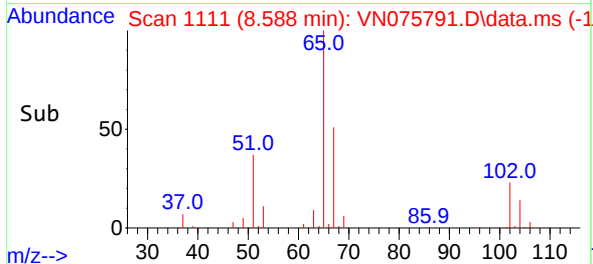
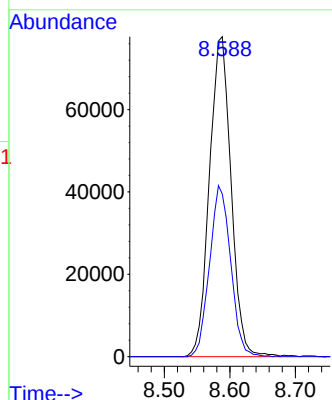
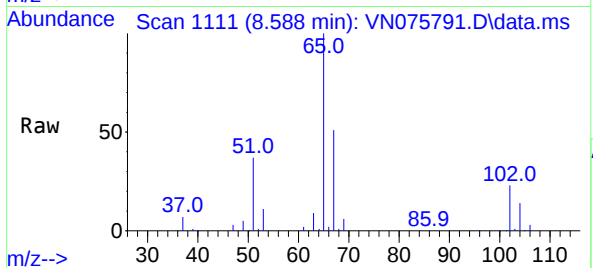




#33
1,2-Dichloroethane-d4
Concen: 47.413 ug/l
RT: 8.588 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

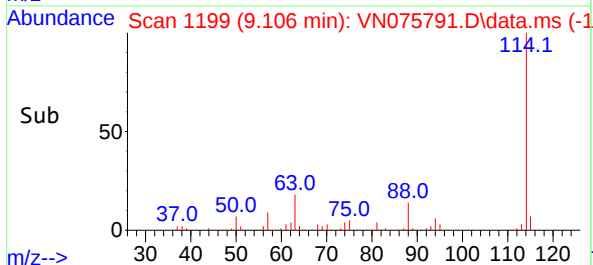
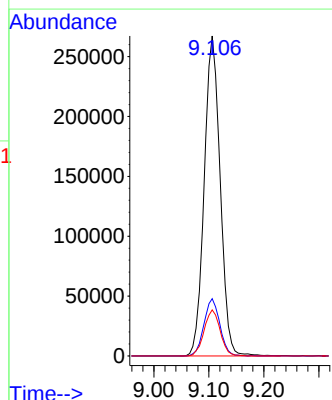
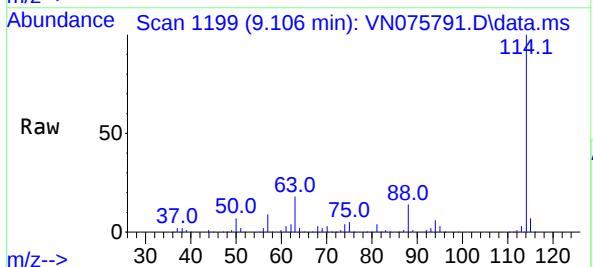
Instrument :
MSVOA_N
ClientSampleId :
FB120822

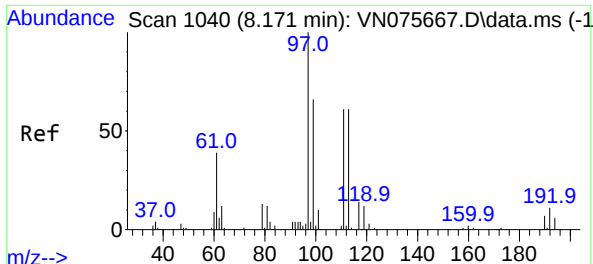
Tgt Ion: 65 Resp: 178075
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 114 Resp: 538597
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.4
88 14.4 0.0 28.8

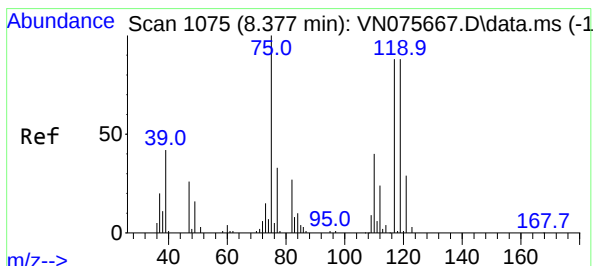
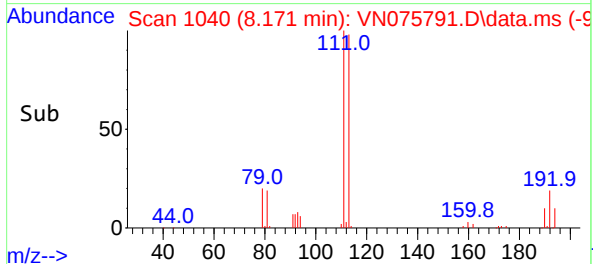
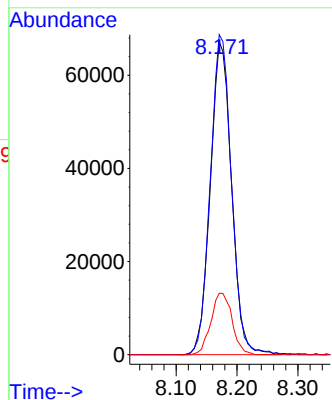
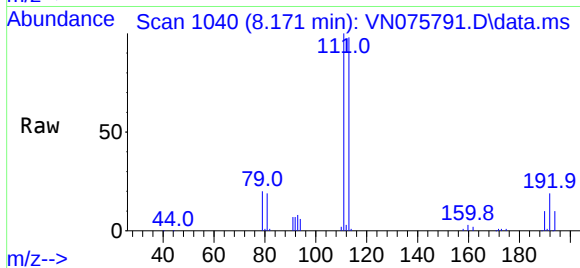




#35
Dibromofluoromethane
Concen: 48.721 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

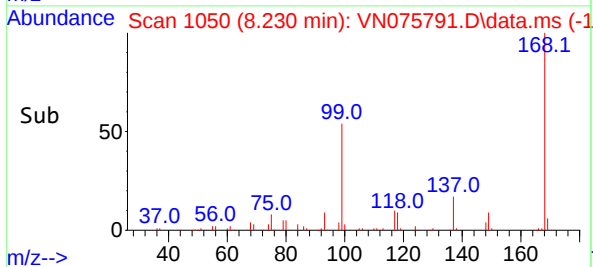
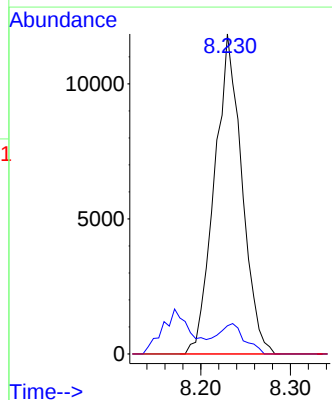
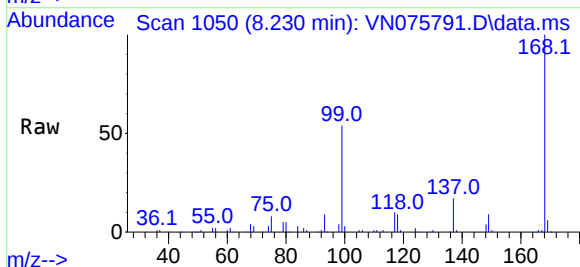
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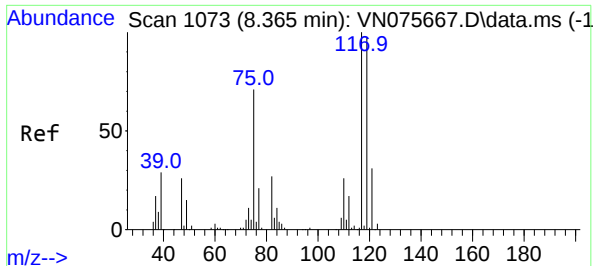
Tgt Ion:113 Resp: 162506
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.671 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 75 Resp: 25129
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 24.1 36.1#

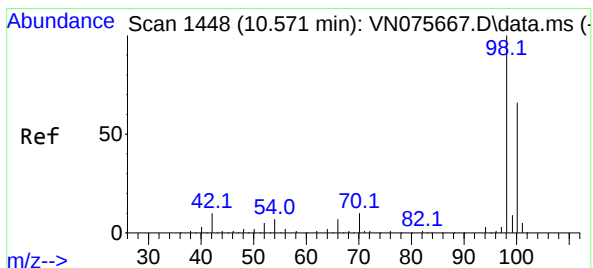
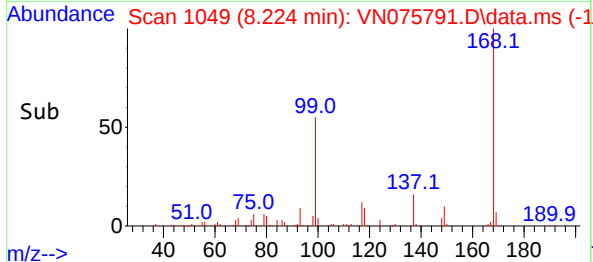
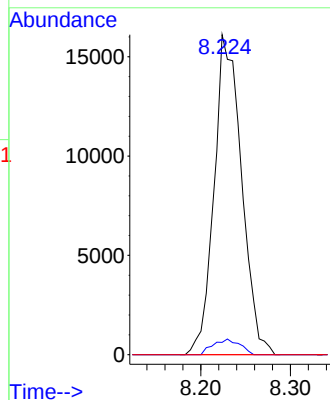
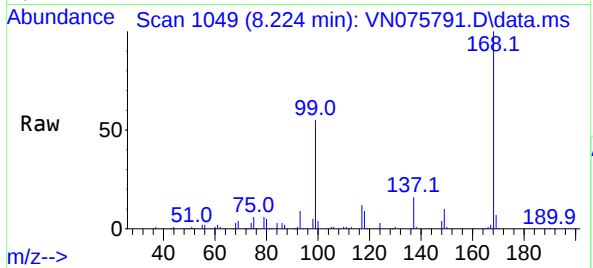




#38
Carbon Tetrachloride
Concen: 6.893 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

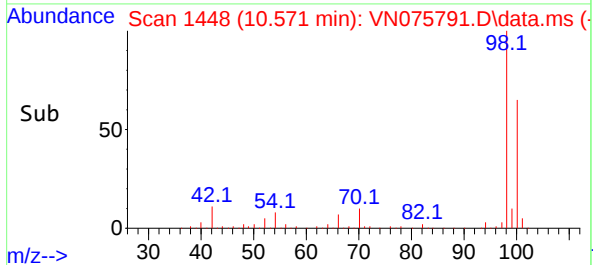
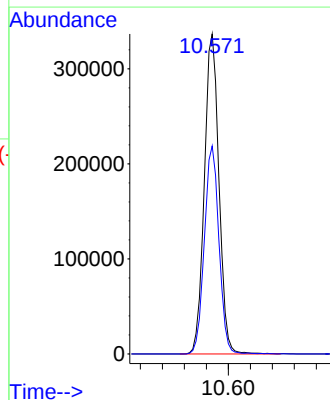
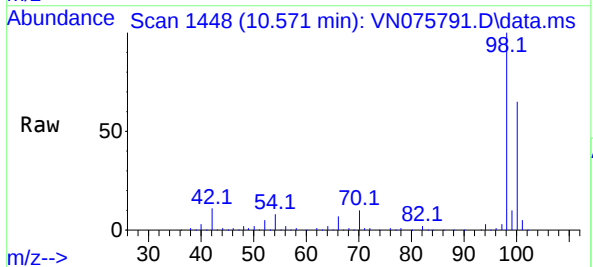
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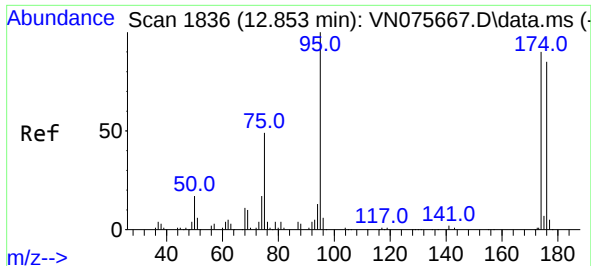
Tgt Ion:117 Resp: 34181
Ion Ratio Lower Upper
117 100
119 3.9 76.1 114.1#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.758 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 98 Resp: 620522
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

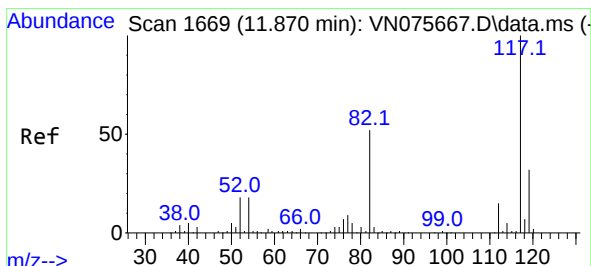
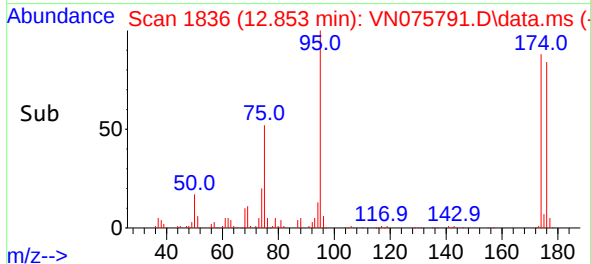
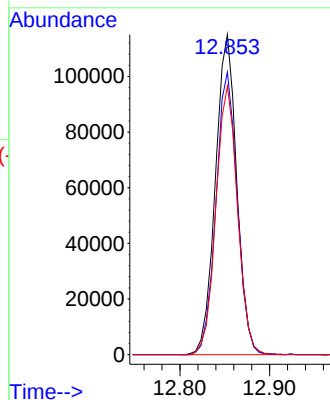
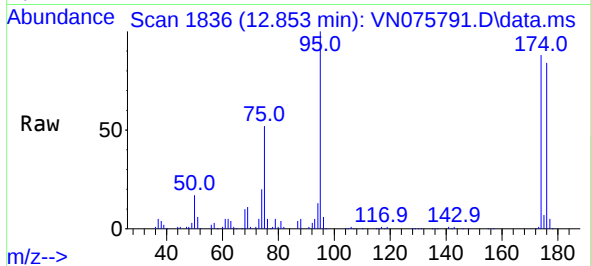




#62
4-Bromofluorobenzene
Concen: 46.058 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

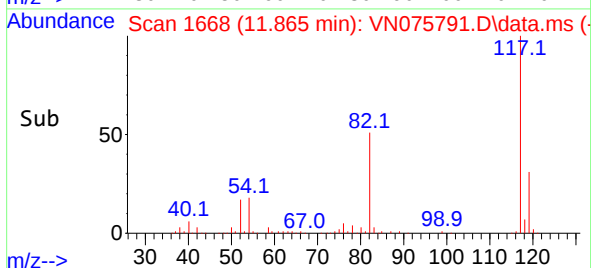
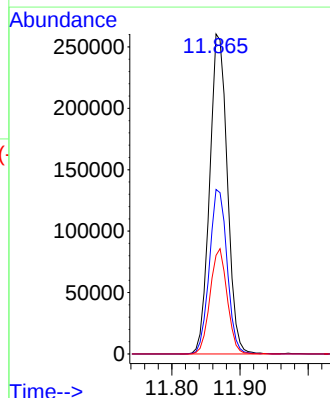
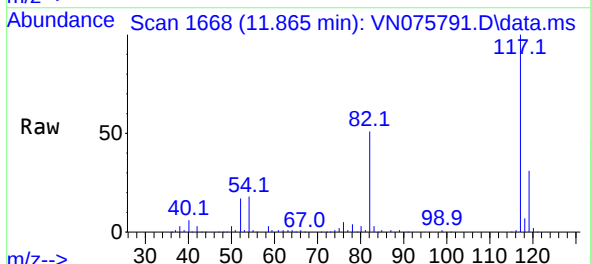
Instrument :
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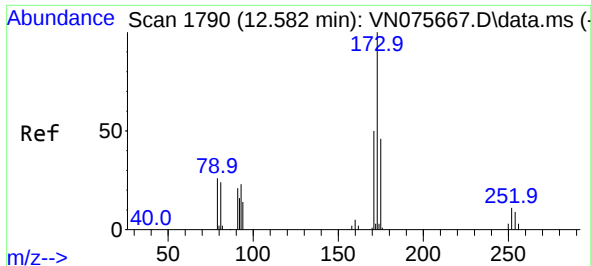
Tgt Ion: 95 Resp: 190241
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 84.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion: 117 Resp: 469527
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 30.8 24.6 37.0

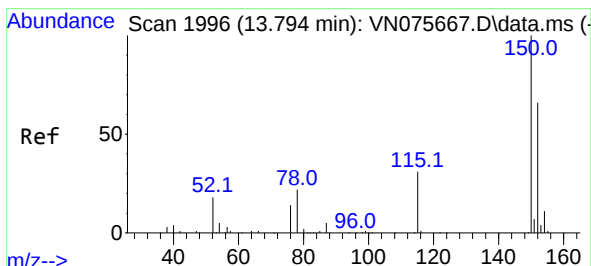
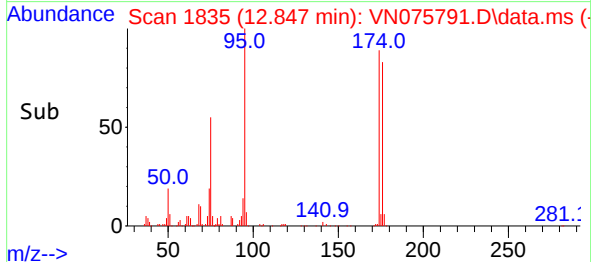
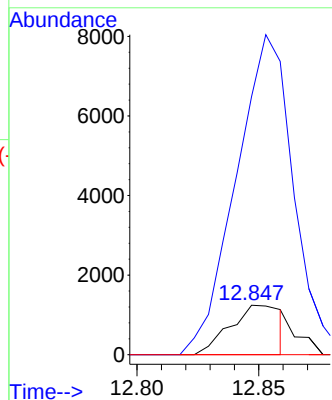
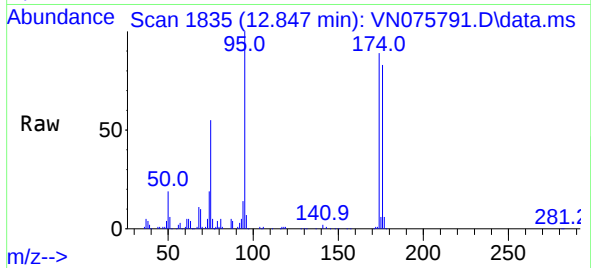




#71
Bromoform
Concen: 0.710 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

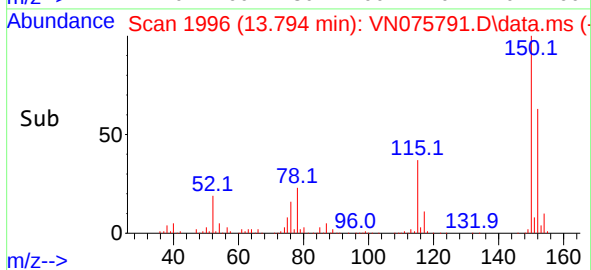
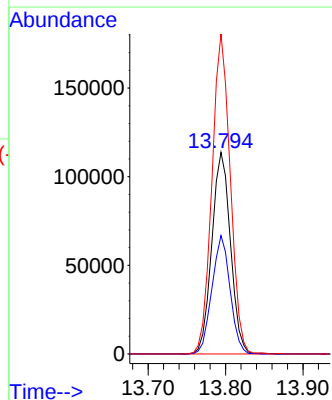
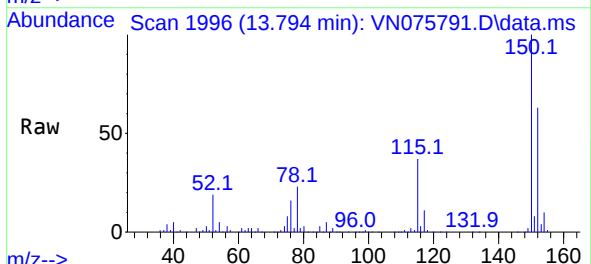
Instrument :
MSVOA_N
ClientSampleId :
FB120822

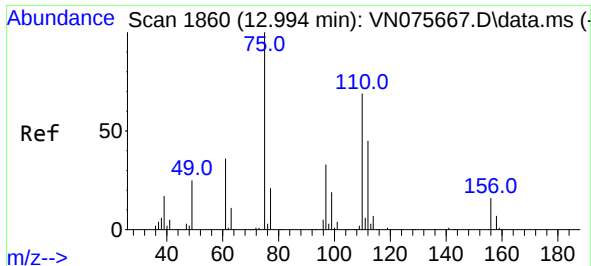
Tgt Ion:173 Resp: 1843
Ion Ratio Lower Upper
173 100
175 589.0 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Tgt Ion:152 Resp: 190647
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 156.0 0.0 347.0

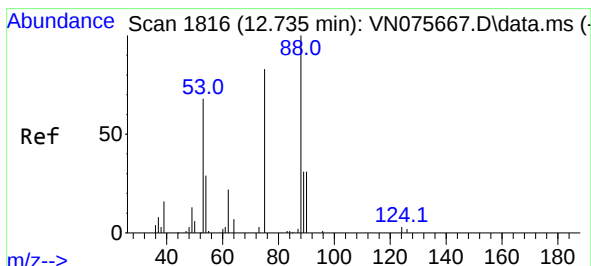
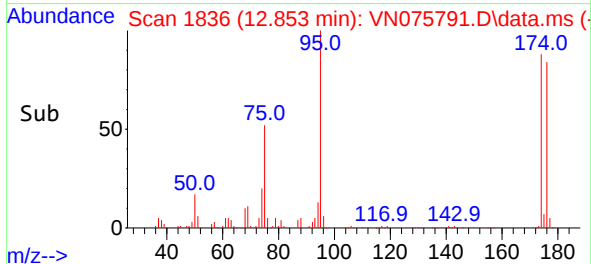
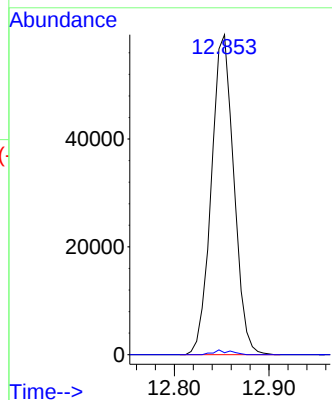
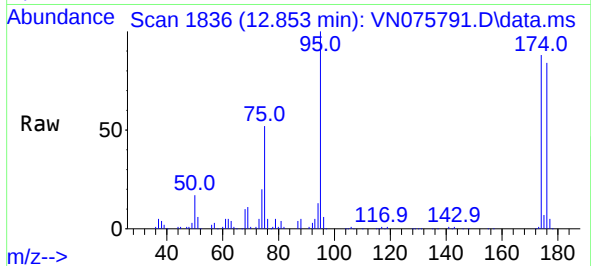




#76
1,2,3-Trichloropropane
Concen: 25.491 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

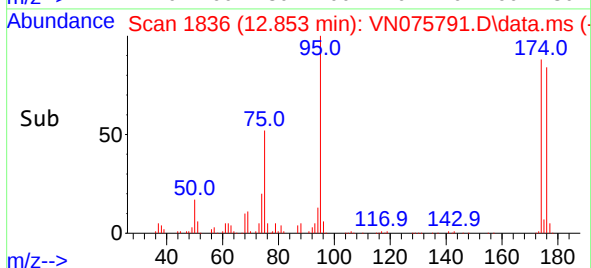
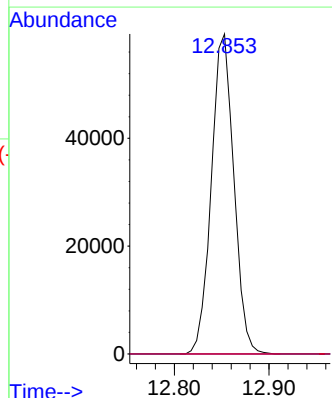
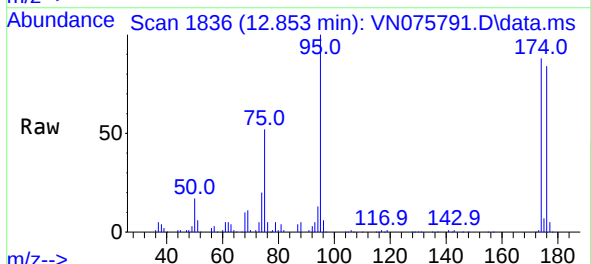
Instrument :
MSVOA_N
ClientSampleId :
FB120822

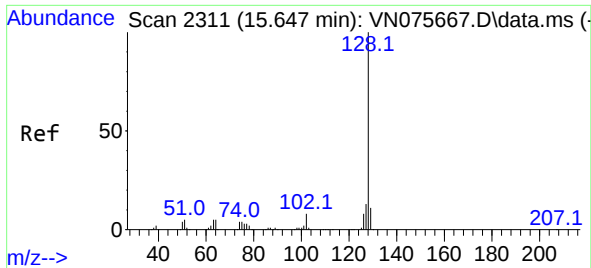
Tgt Ion: 75 Resp: 97961
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.754 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

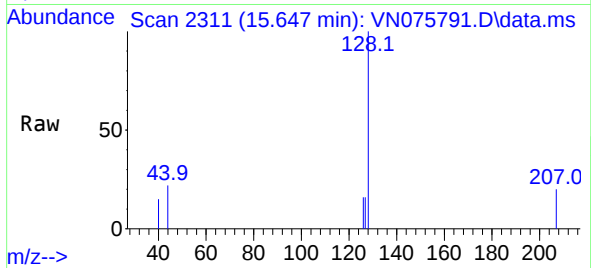
Tgt Ion: 75 Resp: 97961
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#





#95
Naphthalene
Concen: 2.340 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075791.D
Acq: 15 Dec 2022 01:40

Instrument :
MSVOA_N
ClientSampleId :
FB120822



Tgt Ion:128 Resp: 1761
Ion Ratio Lower Upper
128 100
127 11.9 10.4 15.6
129 0.0 8.7 13.1#

