

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075145.D
 Acq On : 03 Nov 2022 15:37
 Operator : JC\MD
 Sample : N5395-24
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-8-103122

Quant Time: Nov 04 04:10:47 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)

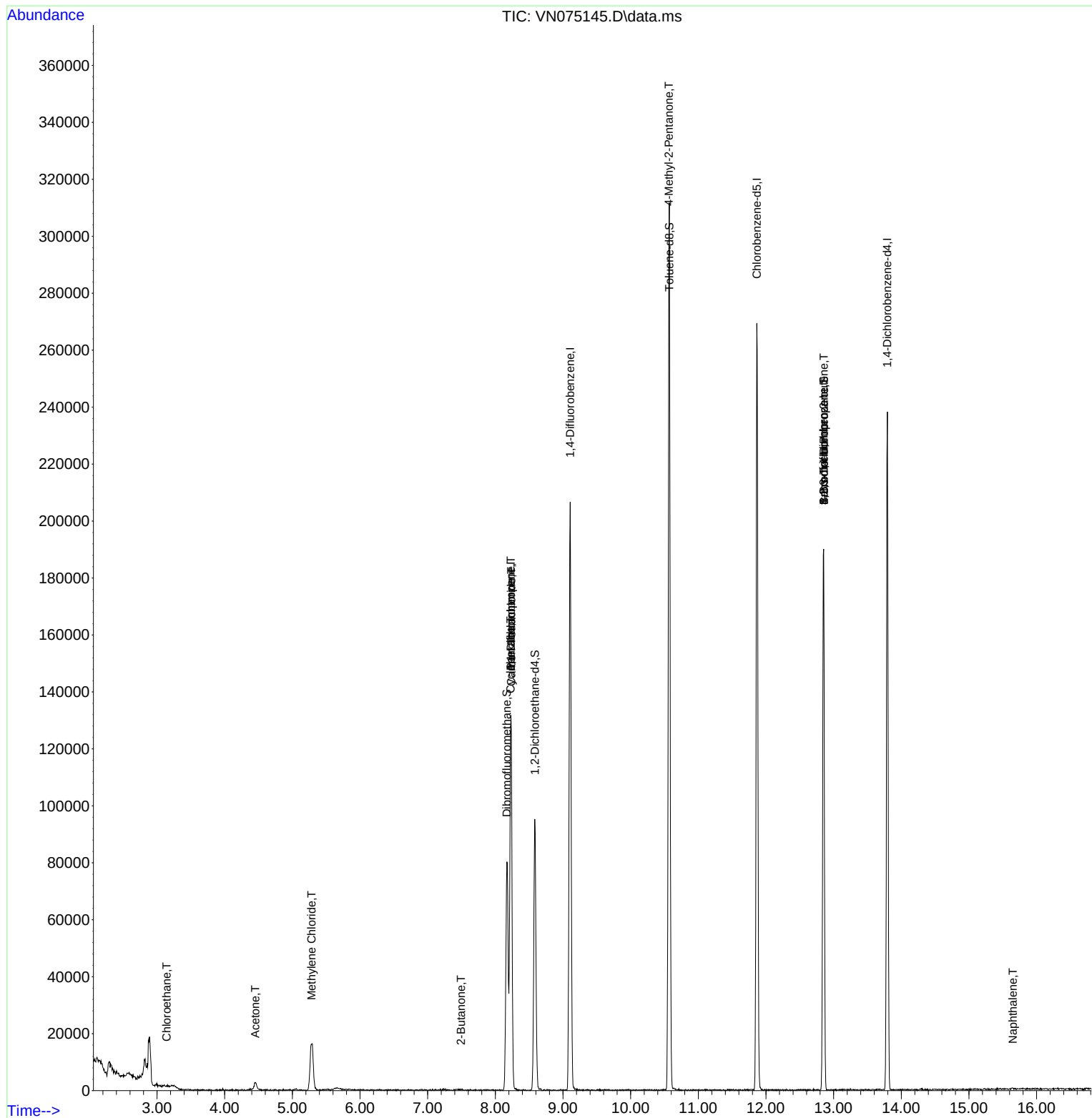
Internal Standards						
1) Pentafluorobenzene	8.230	168	92458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	179948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	151739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	76322	61.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.540%	
35) Dibromofluoromethane	8.171	113	58646	55.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.040%	
50) Toluene-d8	10.571	98	217358	53.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.853	95	63847	44.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.906	94	128	Below Cal	#	5
6) Chloroethane	3.142	64	298	0.228	ug/l #	45
16) Acetone	4.453	43	5368	10.177	ug/l #	85
20) Methylene Chloride	5.283	84	14319	12.175	ug/l	94
25) 2-Butanone	7.494	43	320	0.386	ug/l #	43
31) Cyclohexane	8.224	56	2227	1.202	ug/l #	10
36) 1,1-Dichloropropene	8.230	75	8447	5.165	ug/l #	50
38) Carbon Tetrachloride	8.235	117	10455	5.811	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	941	0.524	ug/l #	1
71) Bromoform	12.853	173	485	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	37598	29.308	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37598	75.232	ug/l #	10
95) Naphthalene	15.647	128	810	0.235	ug/l #	69

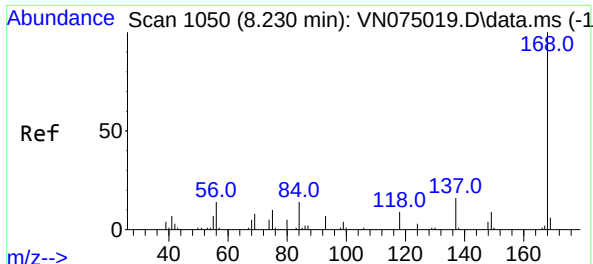
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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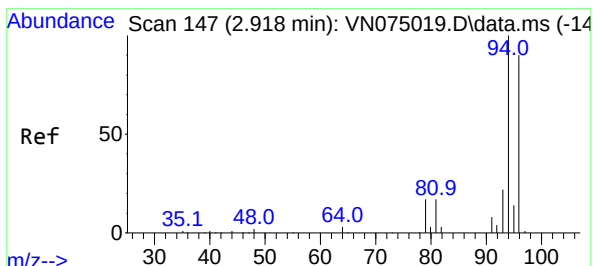
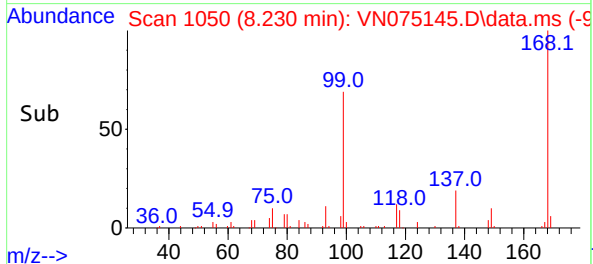
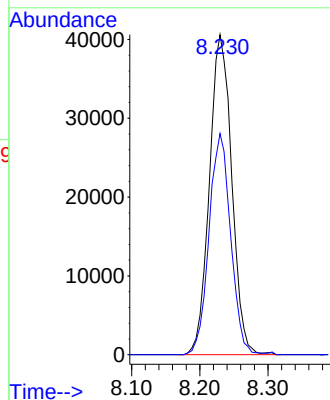
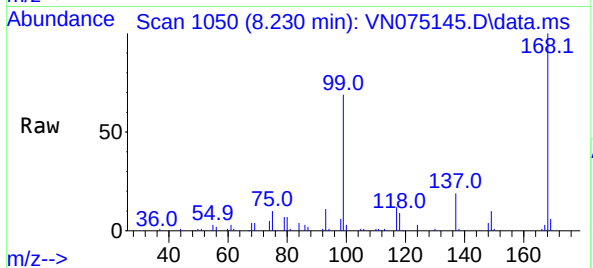




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

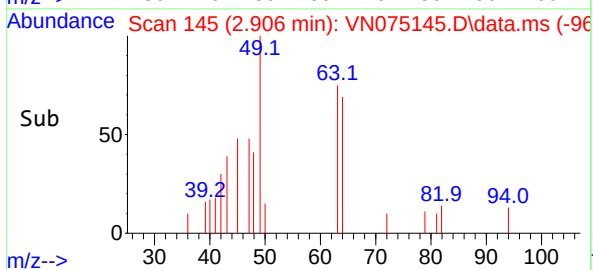
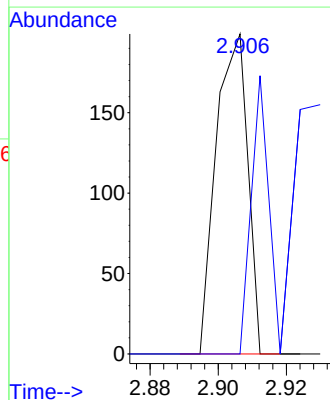
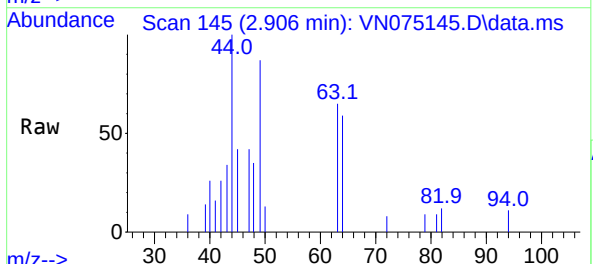
Instrument :
MSVOA_N
ClientSampleId :
S-8-103122

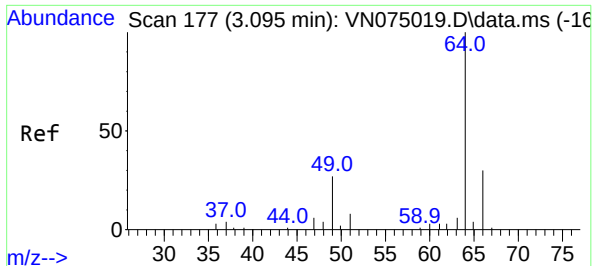
Tgt Ion:168 Resp: 92458
Ion Ratio Lower Upper
168 100
99 69.1 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.906 min Scan# 145
Delta R.T. -0.012 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 94 Resp: 128
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

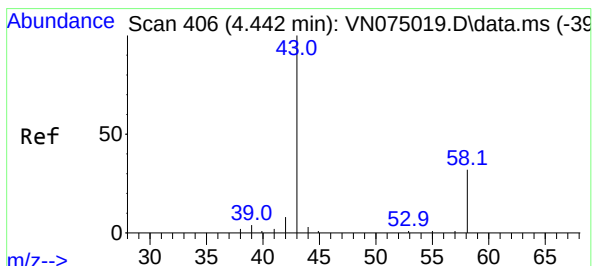
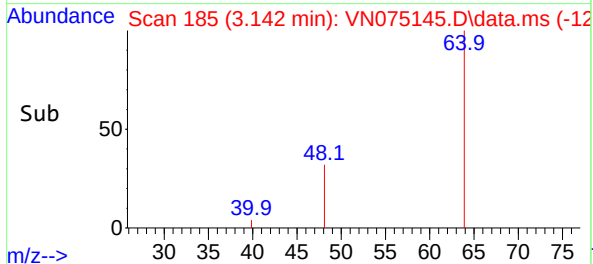
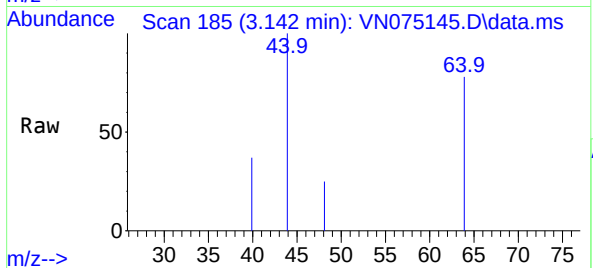




#6
Chloroethane
Concen: 0.228 ug/l
RT: 3.142 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

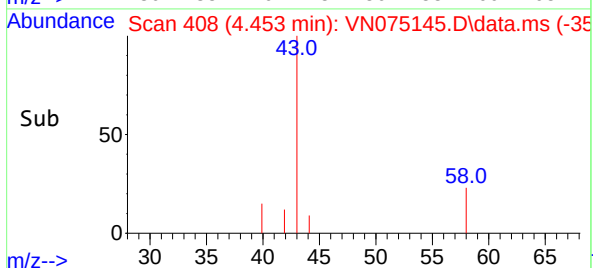
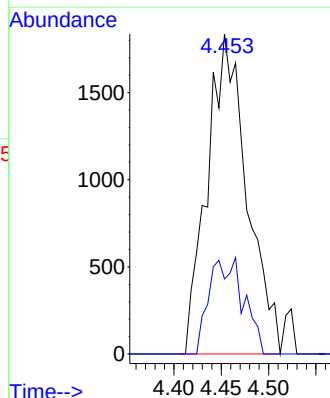
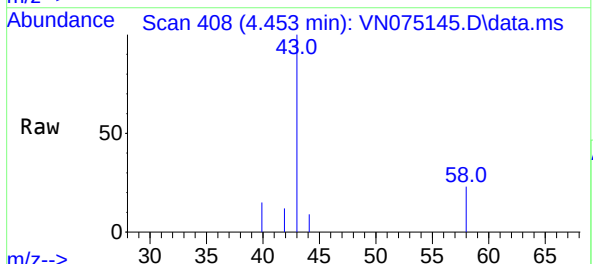
Instrument :
MSVOA_N
ClientSampleId :
S-8-103122

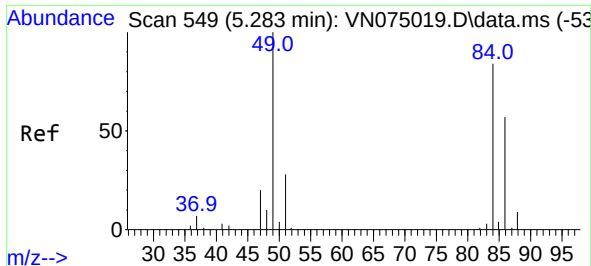
Tgt Ion: 64 Resp: 298
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#16
Acetone
Concen: 10.177 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

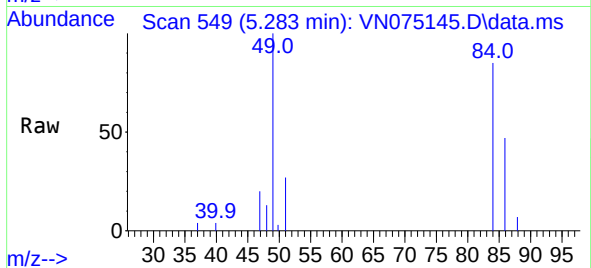
Tgt Ion: 43 Resp: 5368
Ion Ratio Lower Upper
43 100
58 23.5 25.5 38.3#





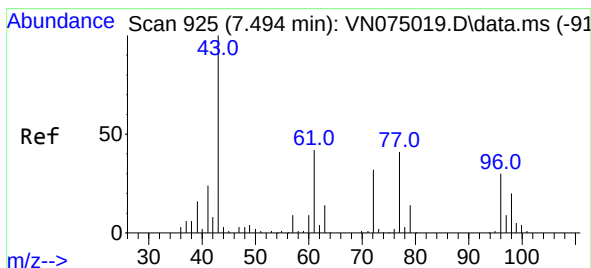
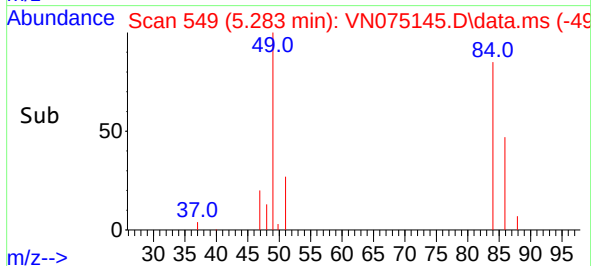
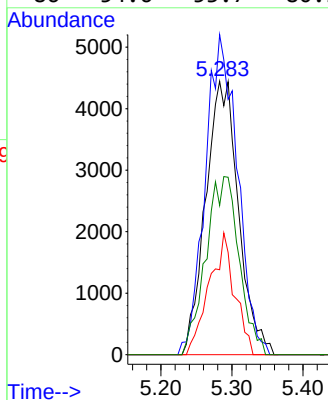
#20
Methylene Chloride
Concen: 12.175 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
S-8-103122



Tgt Ion: 84 Resp: 14319

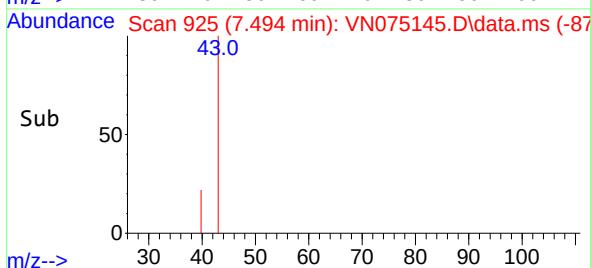
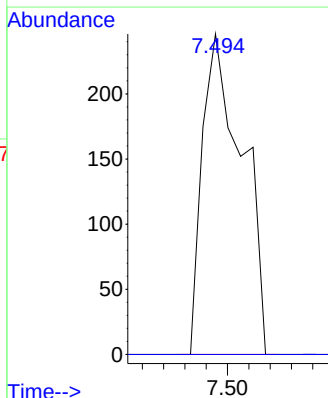
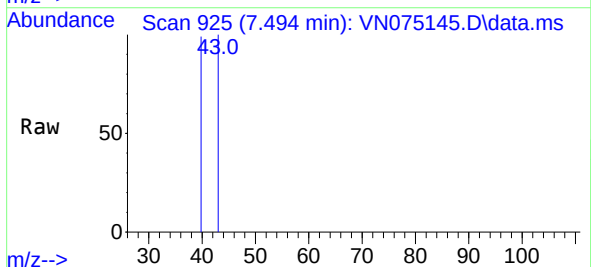
Ion	Ratio	Lower	Upper
84	100		
49	117.0	94.9	142.3
51	31.1	26.8	40.2
86	54.6	53.7	80.5

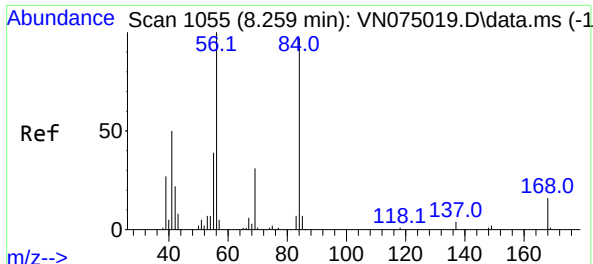


#25
2-Butanone
Concen: 0.386 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 43 Resp: 320

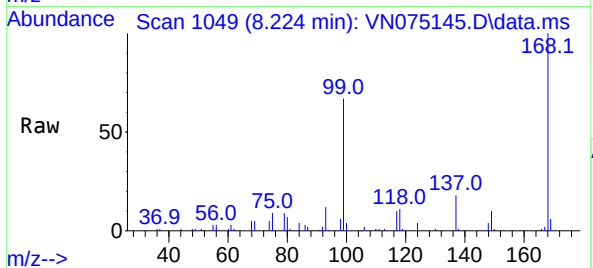
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.5	38.3#





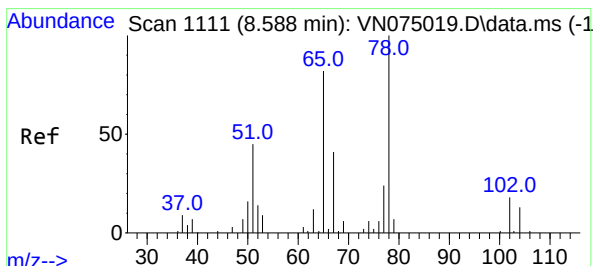
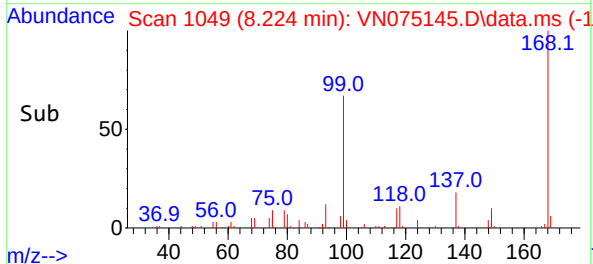
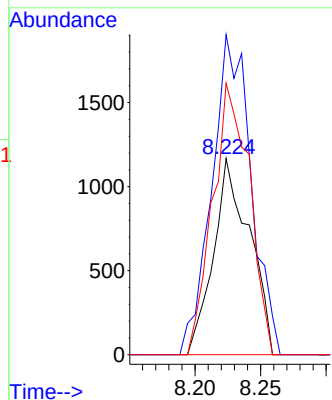
#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
S-8-103122



Tgt Ion: 56 Resp: 2227

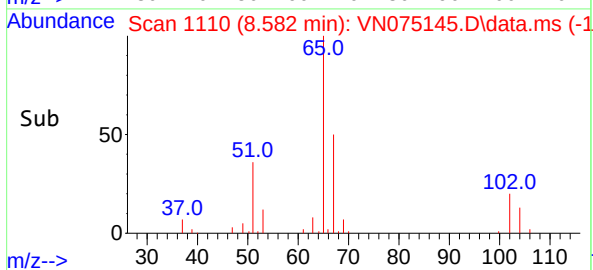
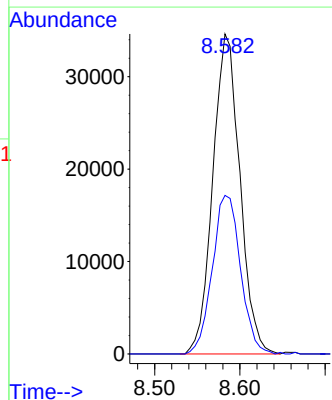
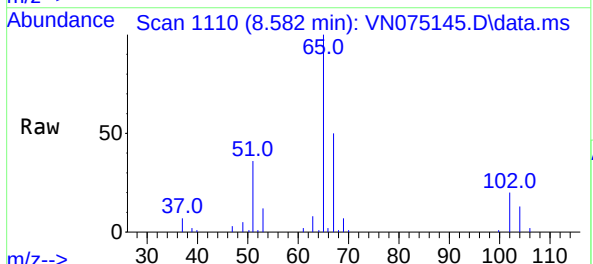
Ion	Ratio	Lower	Upper
56	100		
69	163.2	25.2	37.8#
84	138.4	77.8	116.8#

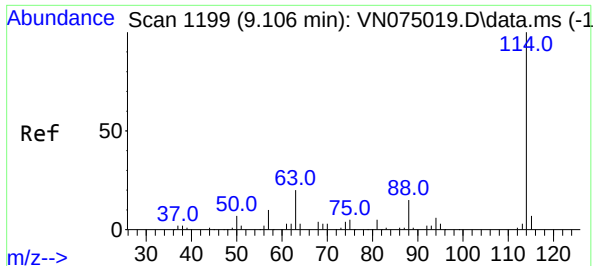


#33
1,2-Dichloroethane-d4
Concen: 61.265 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 65 Resp: 76322

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.0



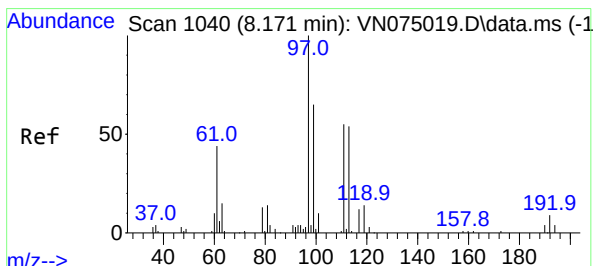
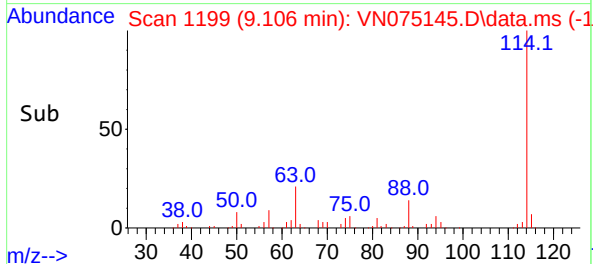
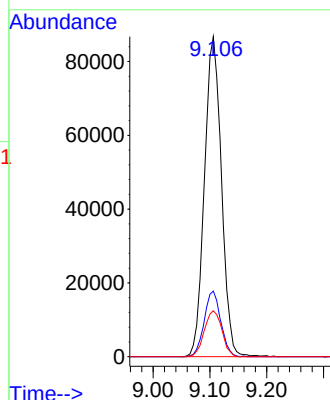
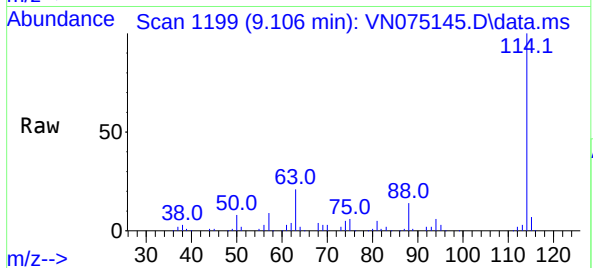


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Instrument :
MSVOA_N
ClientSampleId :
S-8-103122

Tgt Ion:114 Resp: 179948

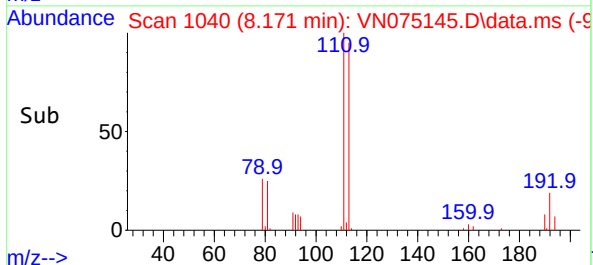
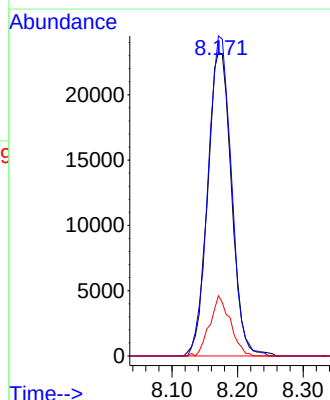
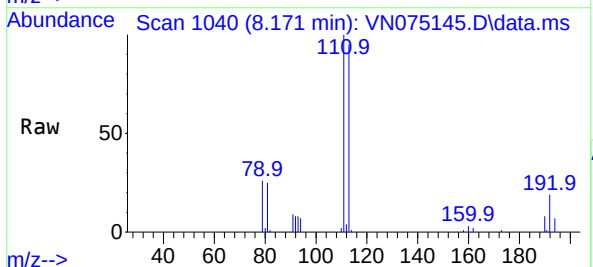
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	14.3	0.0	29.0

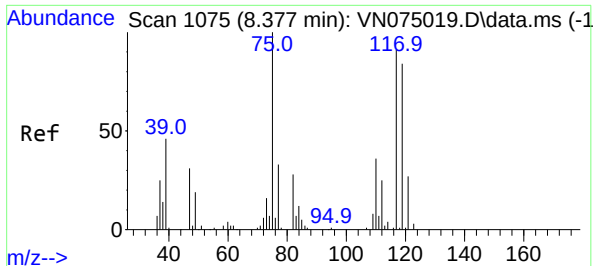


#35
Dibromofluoromethane
Concen: 55.516 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion:113 Resp: 58646

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.5	120.7
192	17.1	13.2	19.8

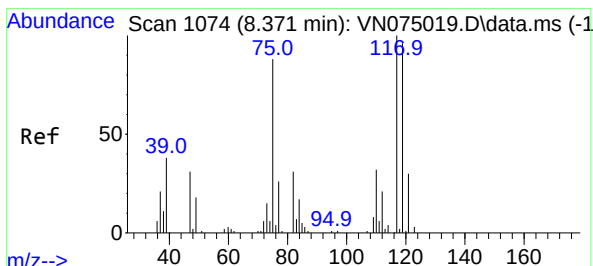
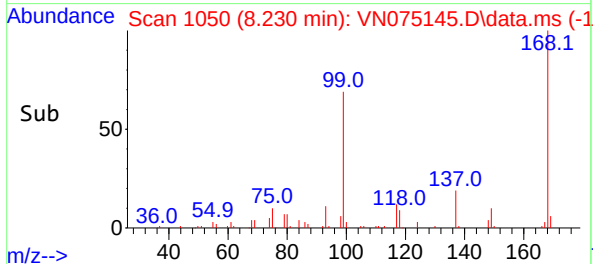
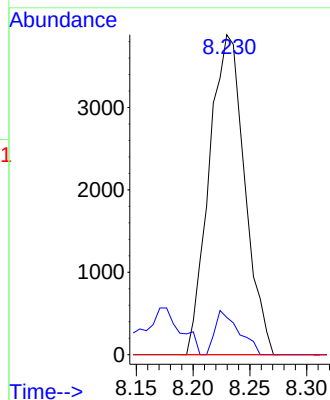
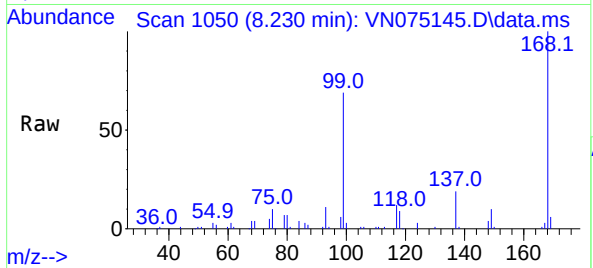




#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

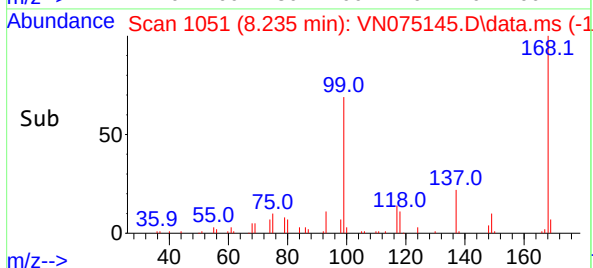
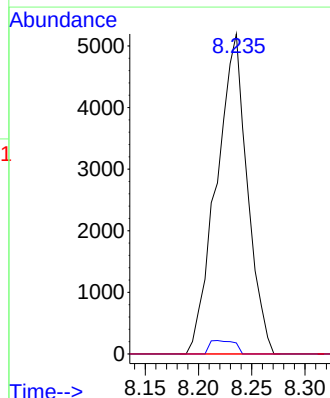
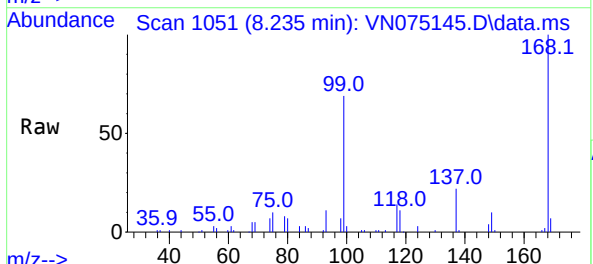
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ClientSampleId :
S-8-103122

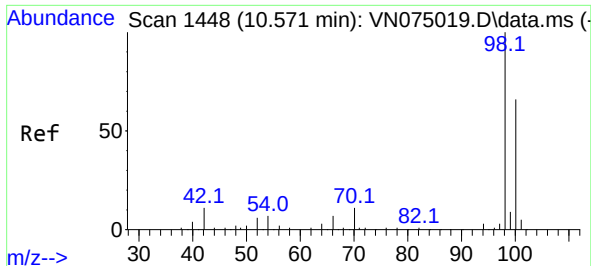
Tgt Ion: 75 Resp: 8447
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.136 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 117 Resp: 10455
Ion Ratio Lower Upper
117 100
119 3.5 76.7 115.1#
121 0.0 23.9 35.9#

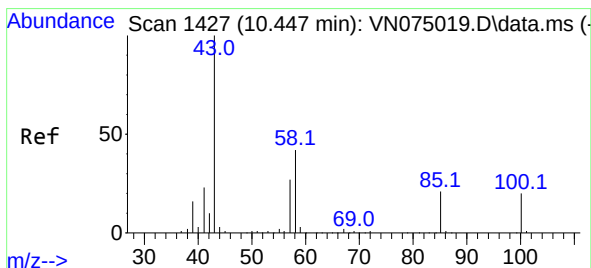
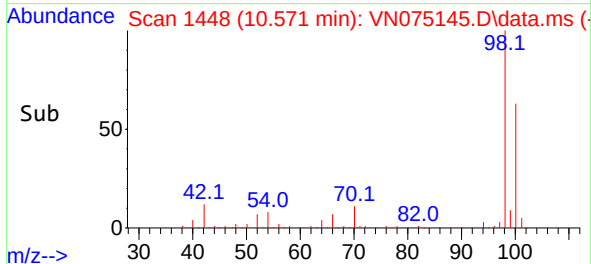
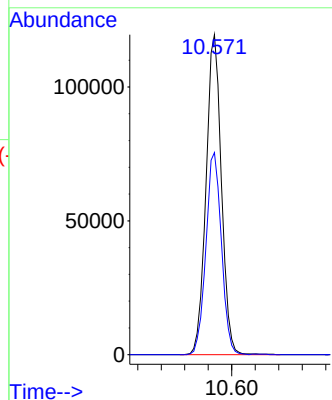
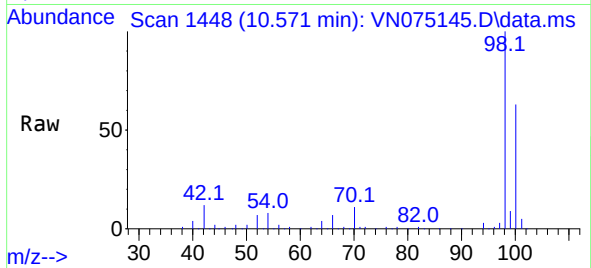




#50
Toluene-d8
Concen: 53.034 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

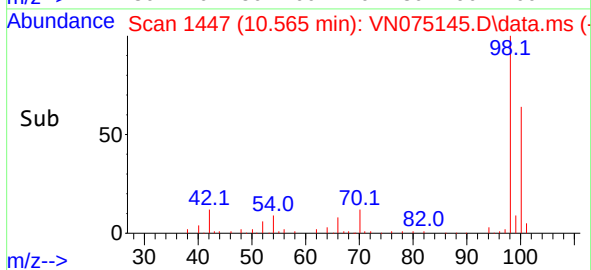
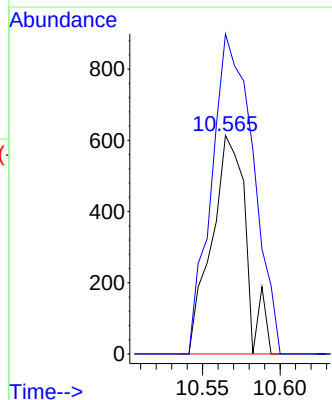
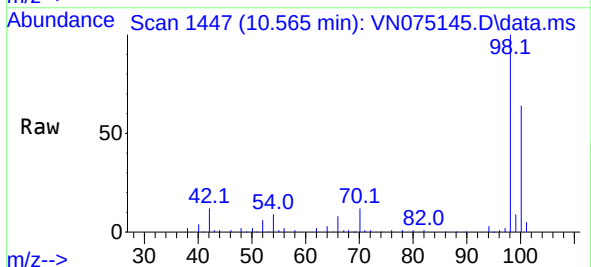
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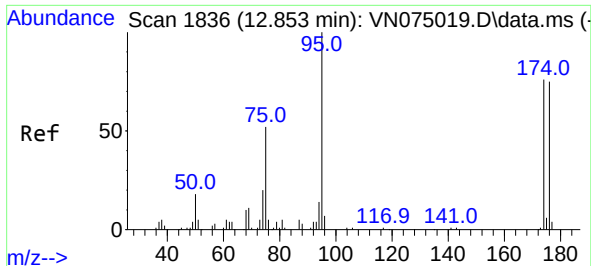
Tgt Ion: 98 Resp: 217358
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.524 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 178.5 33.6 50.4#

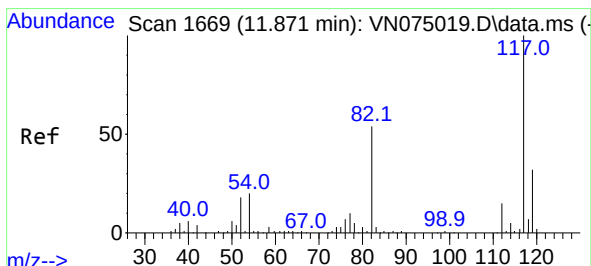
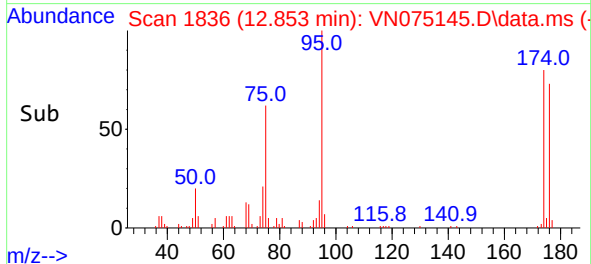
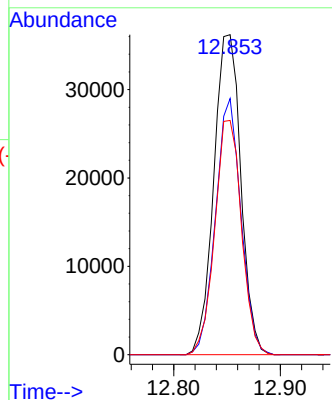
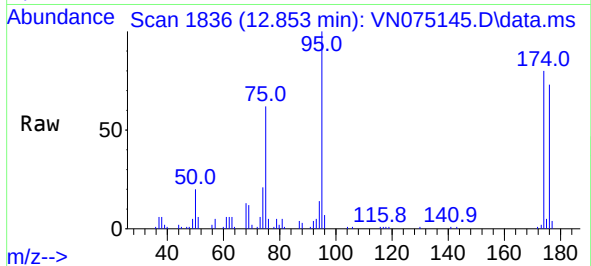




#62
4-Bromofluorobenzene
Concen: 44.347 ug/l
RT: 12.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

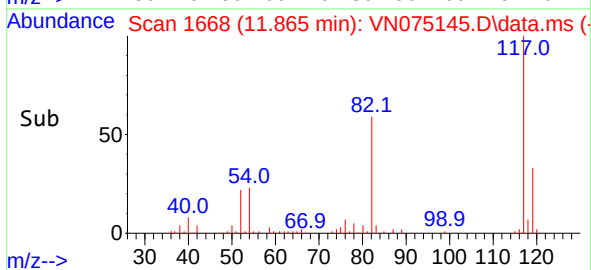
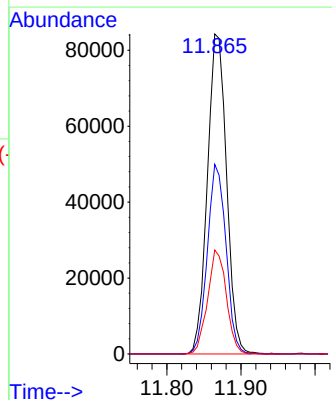
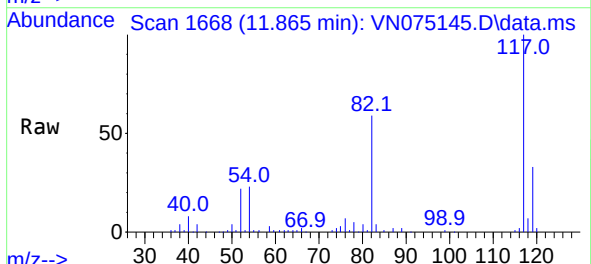
Instrument :
MSVOA_N
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S-8-103122

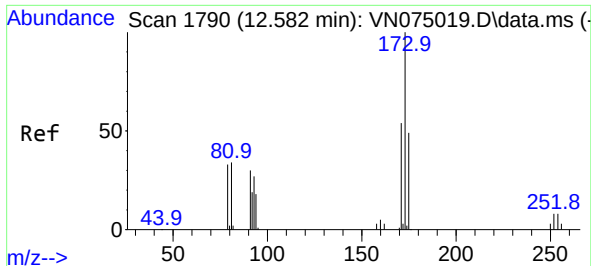
Tgt Ion: 95 Resp: 63847
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.4
176 72.3 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 117 Resp: 151739
Ion Ratio Lower Upper
117 100
82 59.3 43.1 64.7
119 32.5 25.5 38.3

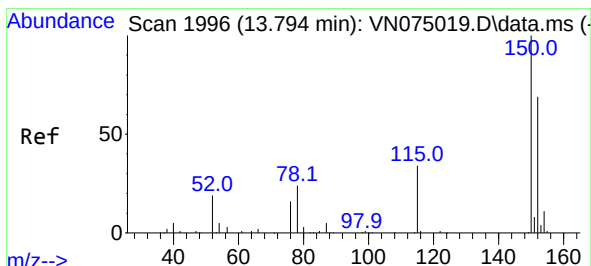
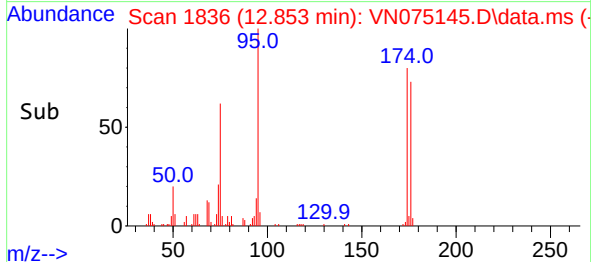
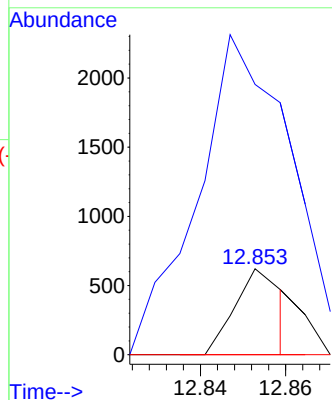
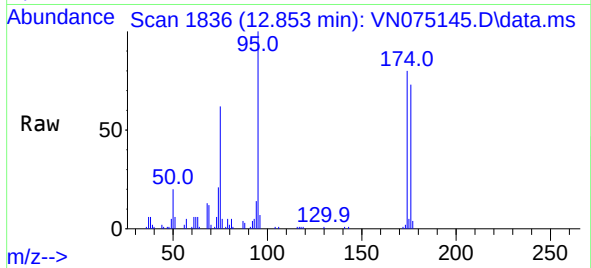




#71
Bromoform
Concen: 0.539 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

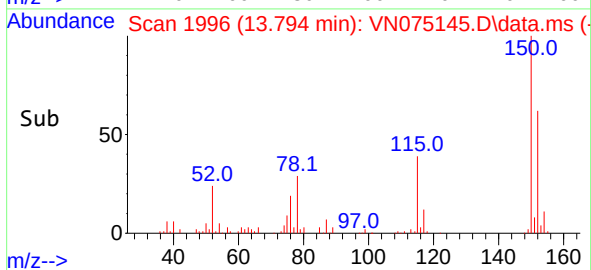
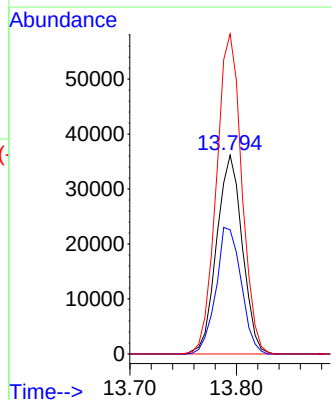
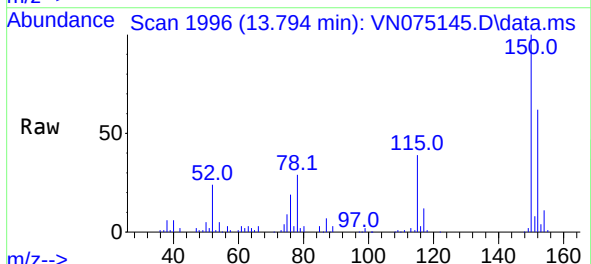
Instrument :
MSVOA_N
ClientSampleId :
S-8-103122

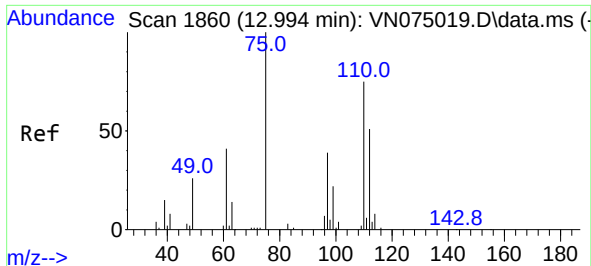
Tgt Ion:173 Resp: 485
Ion Ratio Lower Upper
173 100
175 626.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion:152 Resp: 60420
Ion Ratio Lower Upper
152 100
115 62.6 30.2 90.6
150 158.9 0.0 348.4

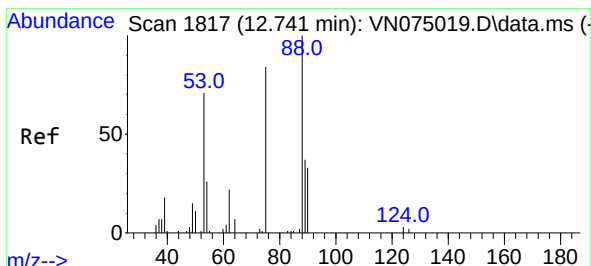
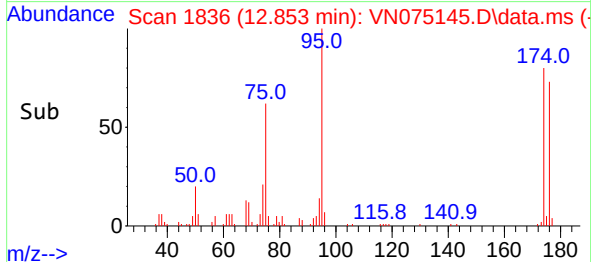
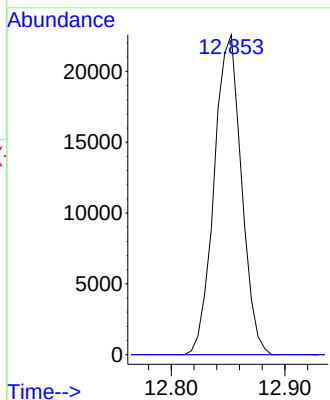
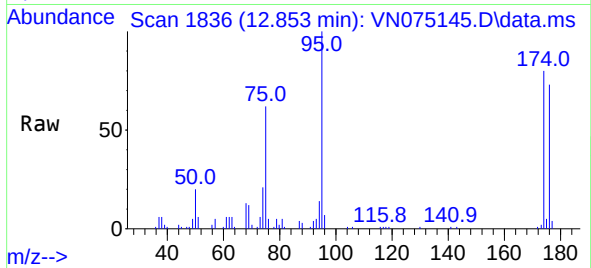




#76
1,2,3-Trichloropropane
Concen: 29.308 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

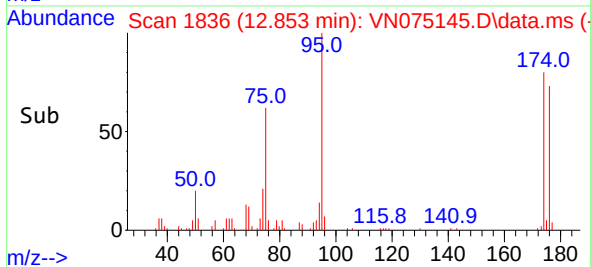
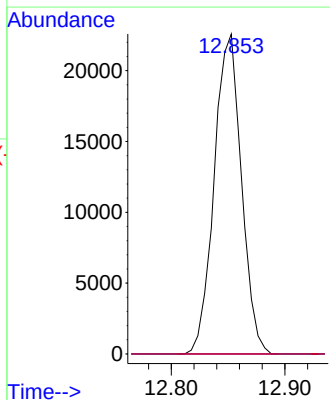
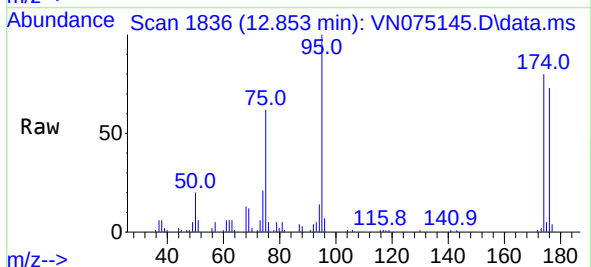
Instrument :
MSVOA_N
ClientSampleId :
S-8-103122

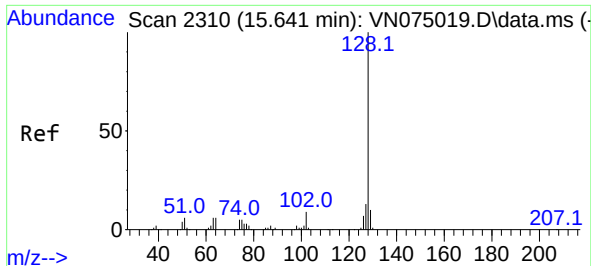
Tgt Ion: 75 Resp: 37598
Ion Ratio Lower Upper
75 100
77 0.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.232 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075145.D
Acq: 03 Nov 2022 15:37

Tgt Ion: 75 Resp: 37598
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.235 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075145.D

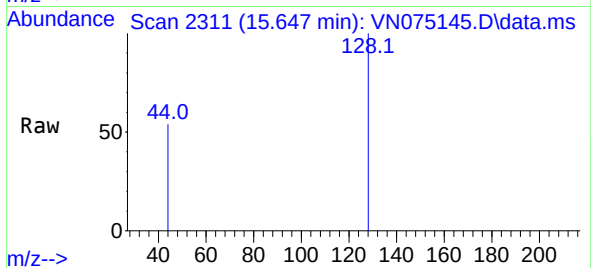
Acq: 03 Nov 2022 15:37

Instrument :

MSVOA_N

ClientSampleId :

S-8-103122



Tgt Ion:128 Resp: 810

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 12.8#

