

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073315.D
 Acq On : 05 Jul 2022 15:09
 Operator : JC\MD
 Sample : N3237-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 06 01:14:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

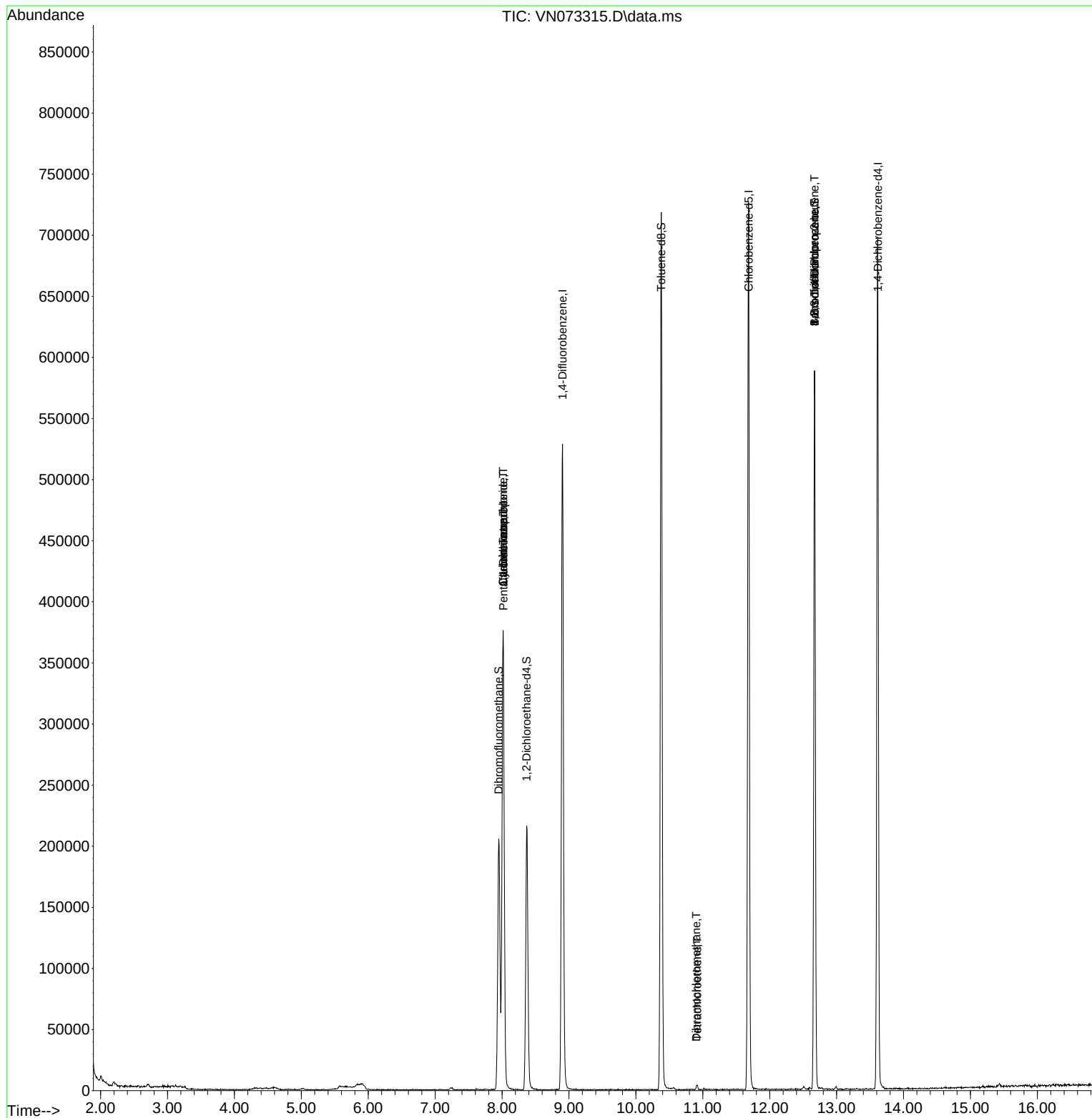
Internal Standards						
1) Pentafluorobenzene	8.022	168	284046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	471039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	421935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	193055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179581	43.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.580%		
35) Dibromofluoromethane	7.951	113	152243	48.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.160%		
50) Toluene-d8	10.380	98	495784	44.543	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.080%		
62) 4-Bromofluorobenzene	12.668	95	208176	48.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.016	56	6749	1.005	ug/l #	49
36) 1,1-Dichloropropene	8.016	75	22849	4.738	ug/l #	49
38) Carbon Tetrachloride	8.016	117	30275	6.071	ug/l #	16
60) Dibromochloromethane	10.904	129	877	0.243	ug/l #	11
64) Tetrachloroethene	10.916	164	820	0.238	ug/l #	83
71) Bromoform	12.668	173	1344	0.523	ug/l #	28
76) 1,2,3-Trichloropropane	12.668	75	106187	21.035	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.668	75	106187	57.689	ug/l #	10

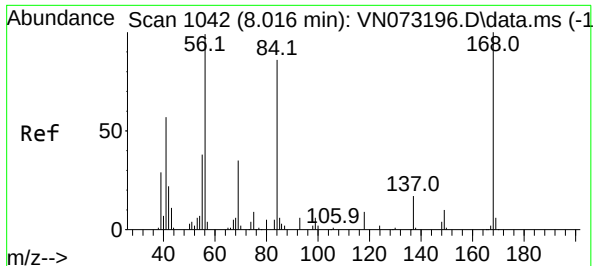
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
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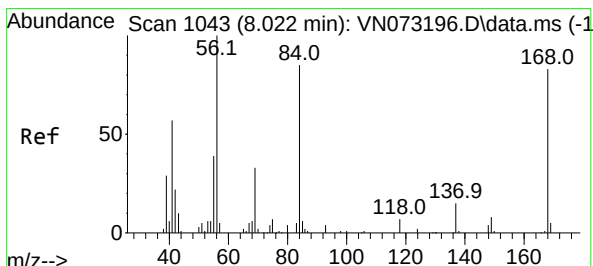
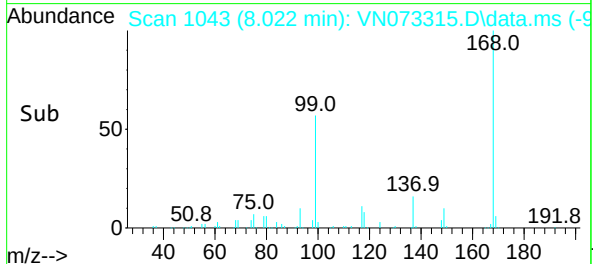
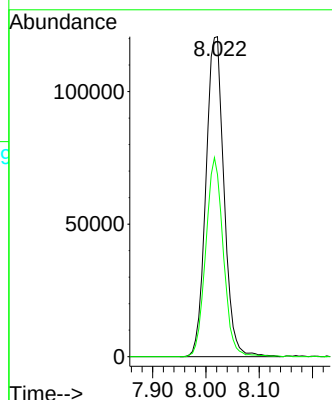
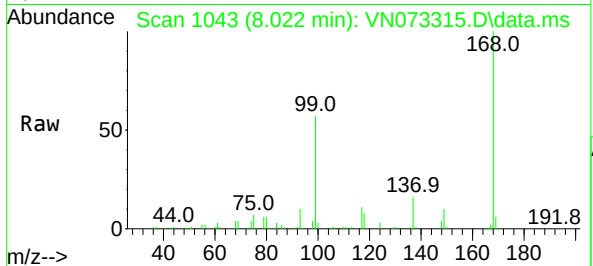




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

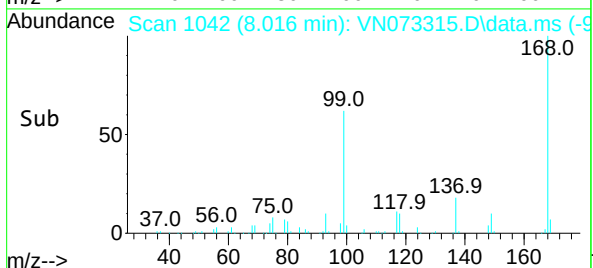
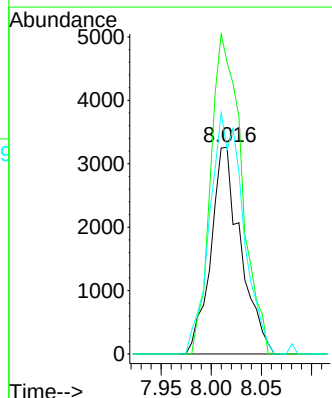
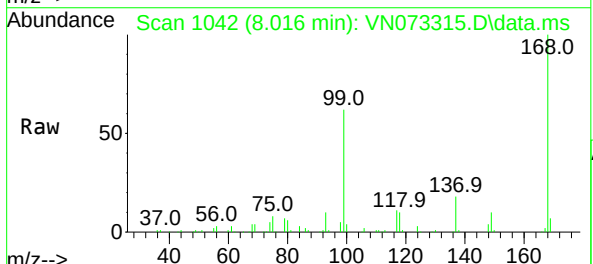
Instrument :
MSVOA_N
ClientSampleId :

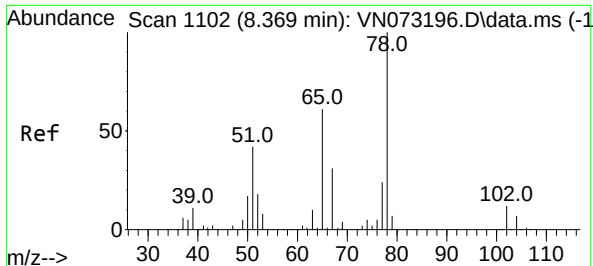
Tgt Ion:168 Resp: 284046
Ion Ratio Lower Upper
168 100
99 56.9 42.3 63.5



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

Tgt Ion: 56 Resp: 6749
Ion Ratio Lower Upper
56 100
69 141.1 27.8 41.8#
84 98.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.795 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073315.D

Acq: 05 Jul 2022 15:09

Instrument :

MSVOA_N

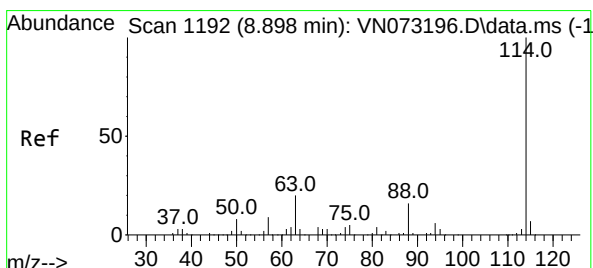
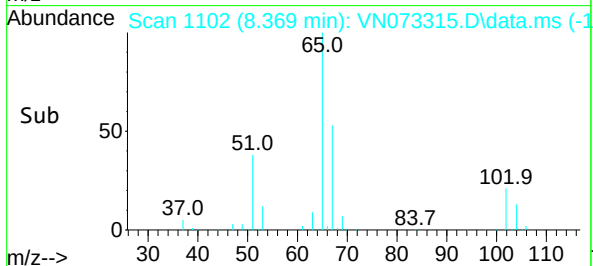
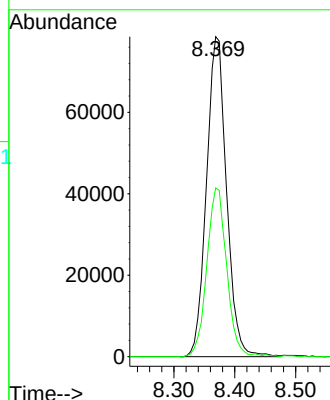
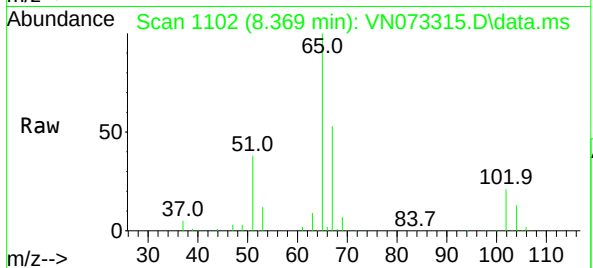
ClientSampleId :

Tgt Ion: 65 Resp: 179581

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073315.D

Acq: 05 Jul 2022 15:09

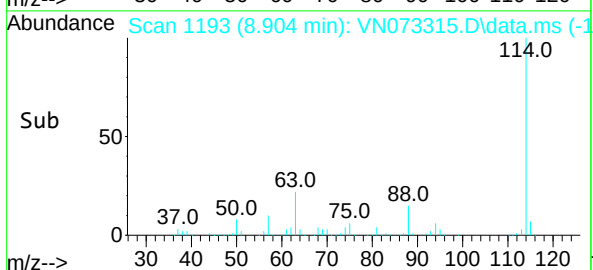
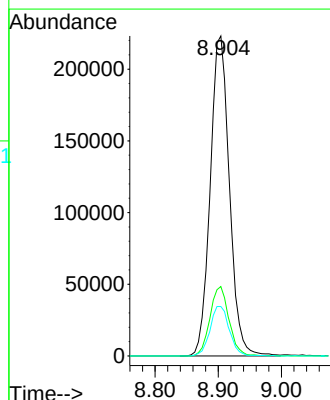
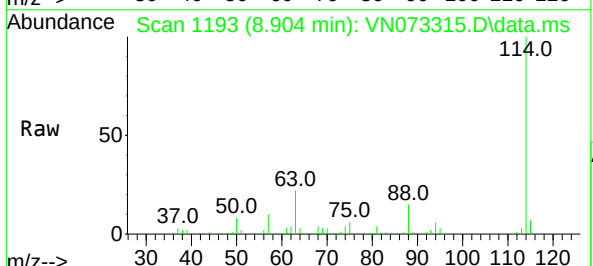
Tgt Ion: 114 Resp: 471039

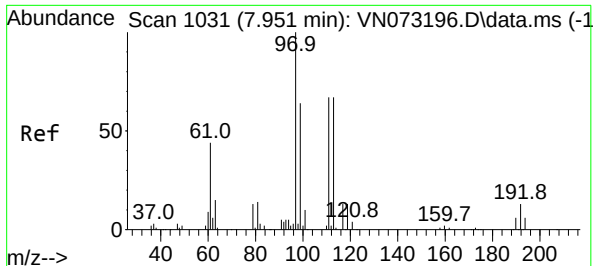
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

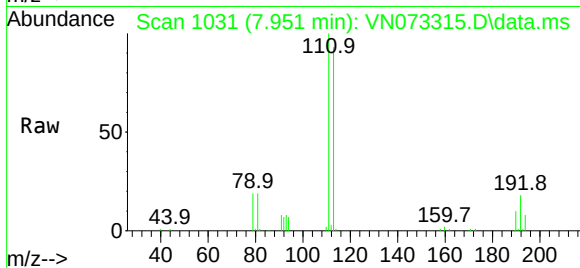
88 15.5 0.0 32.6



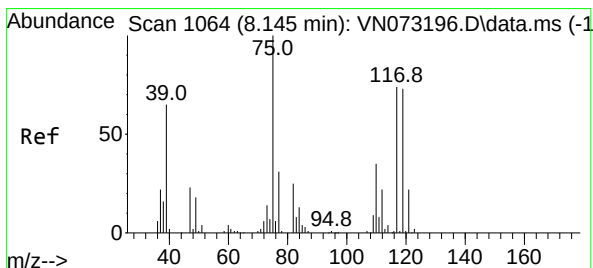
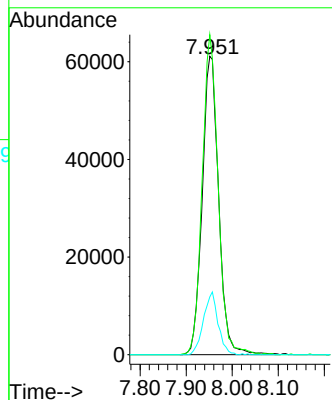
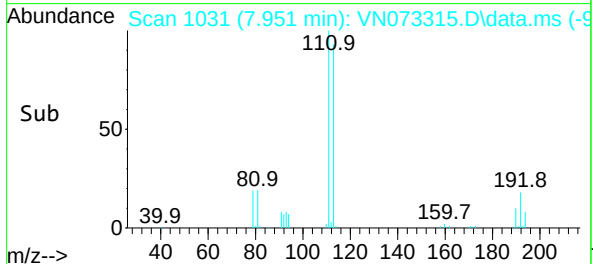


#35
Dibromofluoromethane
Concen: 48.580 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

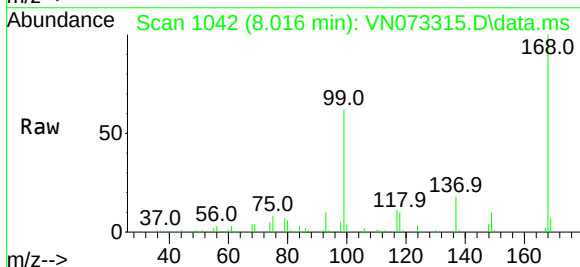
Instrument :
MSVOA_N
ClientSampleId :



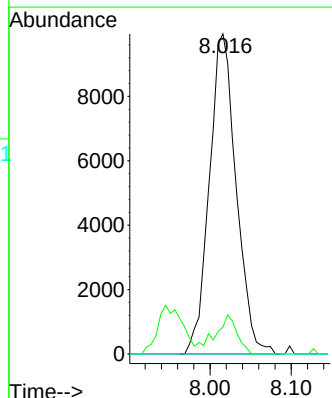
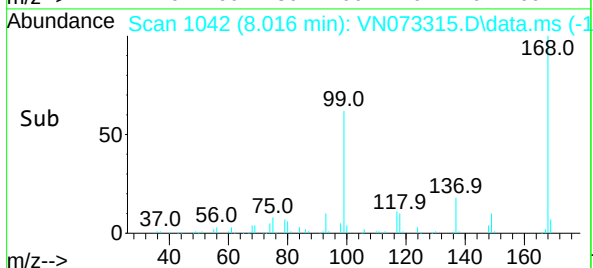
Tgt Ion:113 Resp: 152243
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.6 17.0 25.6

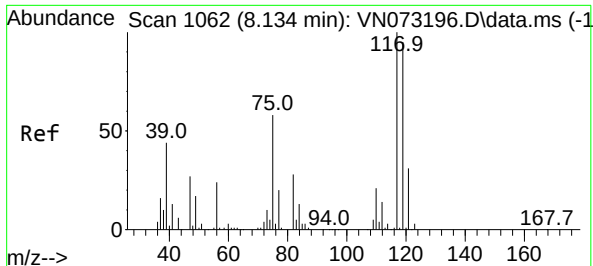


#36
1,1-Dichloropropene
Concen: 4.738 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09



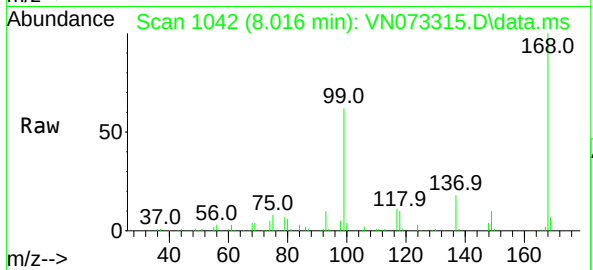
Tgt Ion: 75 Resp: 22849
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 25.1 37.7#



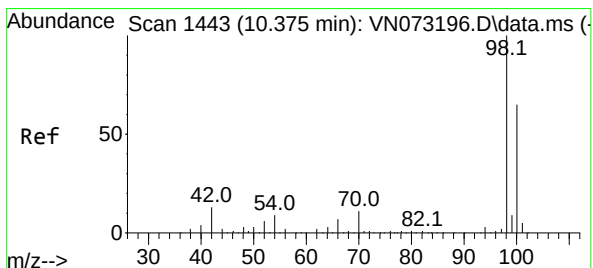
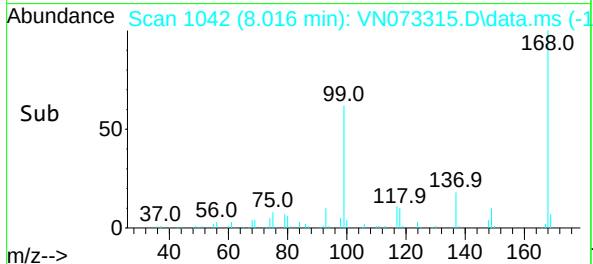
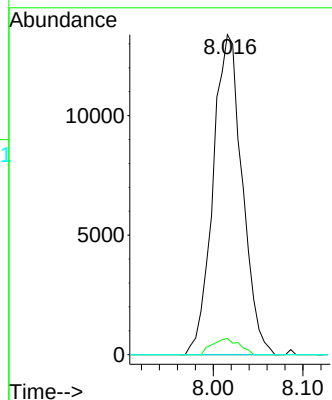


#38
Carbon Tetrachloride
Concen: 6.071 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.118 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

Instrument :
MSVOA_N
ClientSampleId :

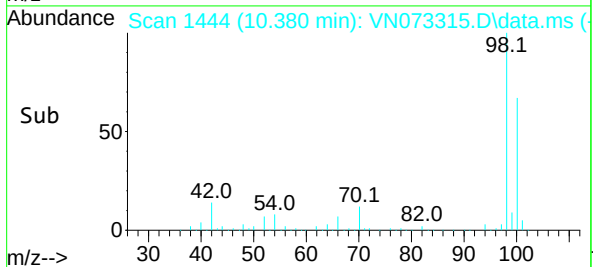
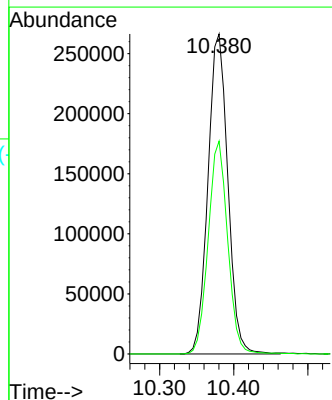
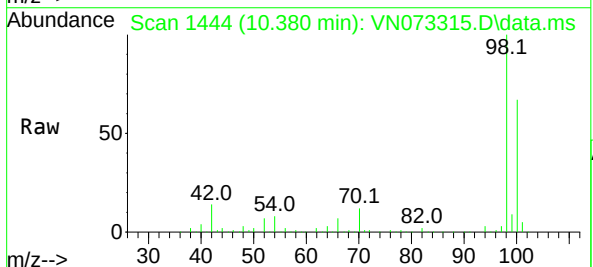


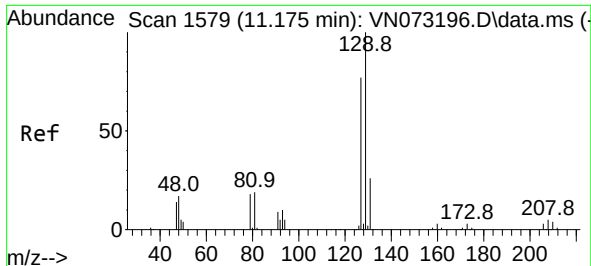
Tgt Ion:117 Resp: 30275
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 44.543 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

Tgt Ion: 98 Resp: 495784
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

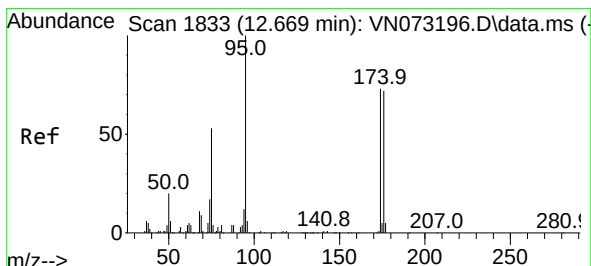
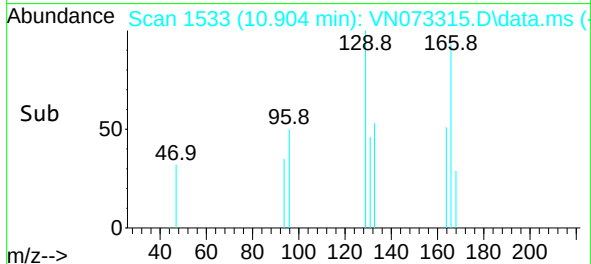
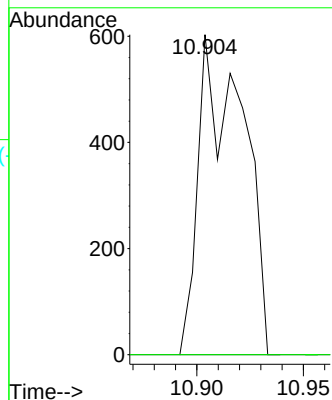
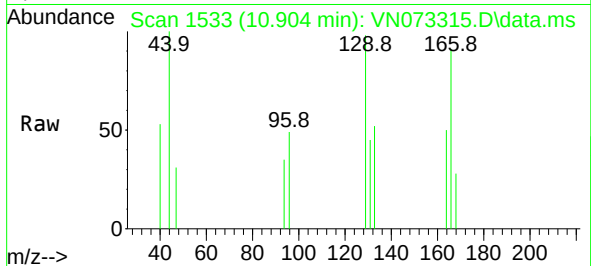




#60
Dibromochloromethane
Concen: 0.243 ug/l
RT: 10.904 min Scan# 1533
Delta R.T. -0.271 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

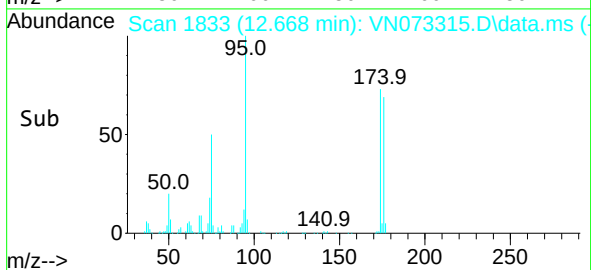
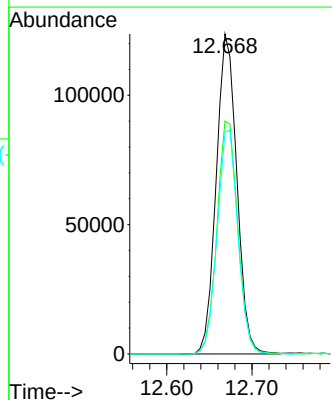
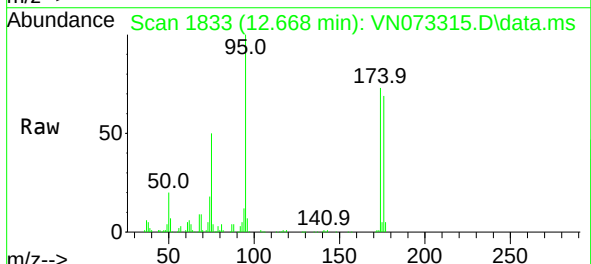
Instrument :
MSVOA_N
ClientSampleId :

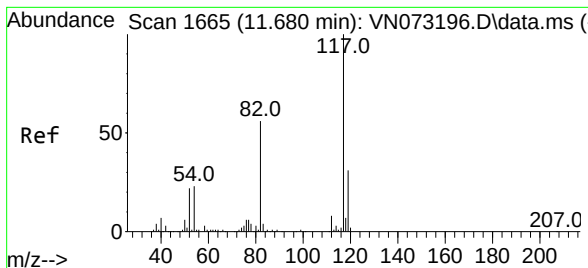
Tgt Ion:129 Resp: 877
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 48.669 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

Tgt Ion: 95 Resp: 208176
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

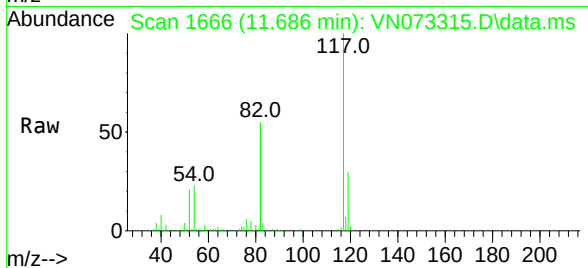
Lab File: VN073315.D

Acq: 05 Jul 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :



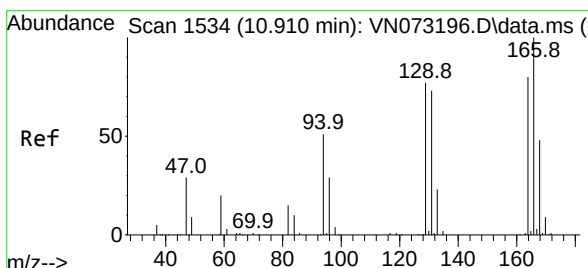
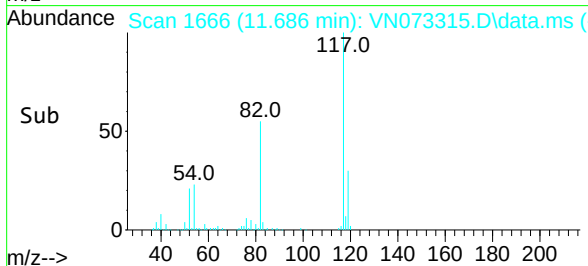
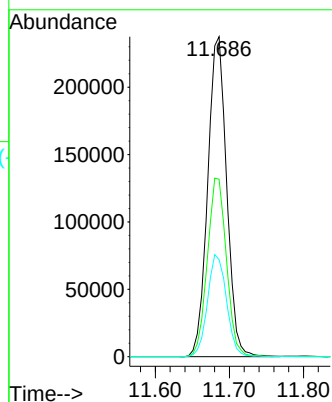
Tgt Ion:117 Resp: 421935

Ion Ratio Lower Upper

117 100

82 55.5 44.2 66.2

119 30.3 25.4 38.0



#64

Tetrachloroethene

Concen: 0.238 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073315.D

Acq: 05 Jul 2022 15:09

Tgt Ion:164 Resp: 820

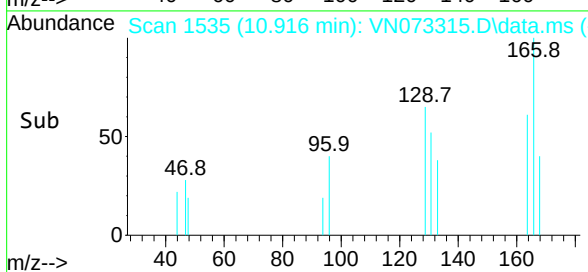
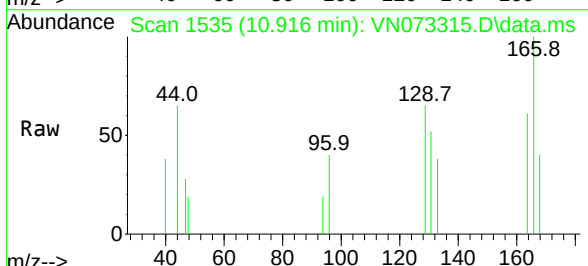
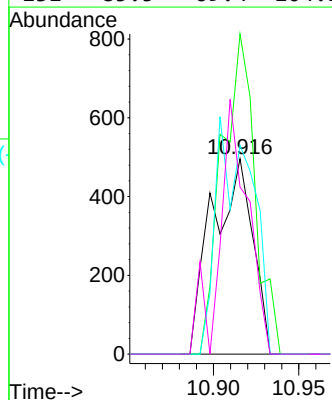
Ion Ratio Lower Upper

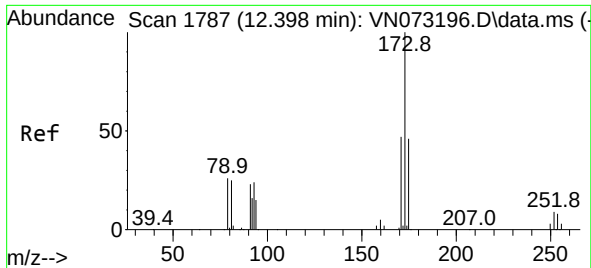
164 100

166 163.9 104.2 156.2#

129 106.9 73.9 110.9

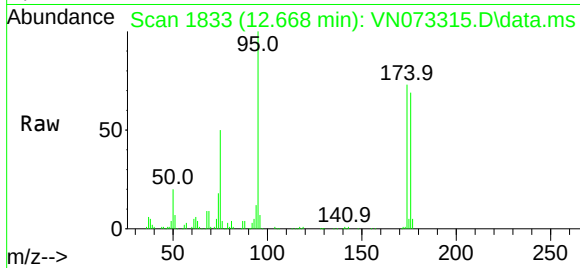
131 85.5 69.4 104.2



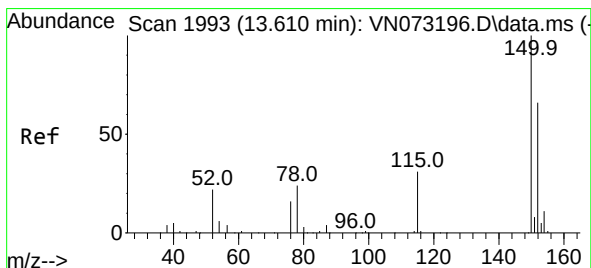
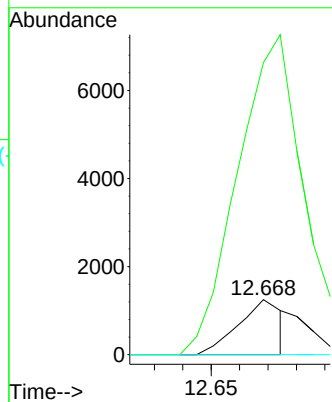
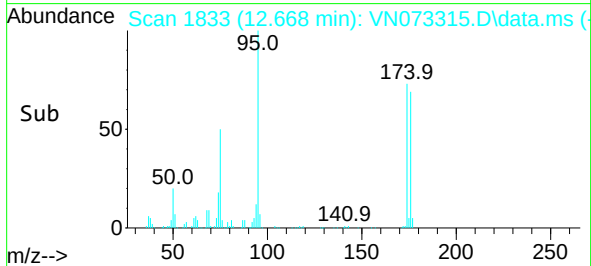


#71
Bromoform
Concen: 0.523 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

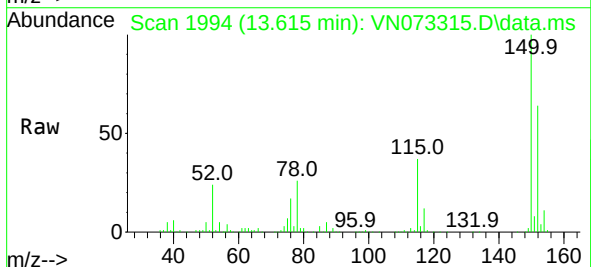
Instrument :
MSVOA_N
ClientSampleId :



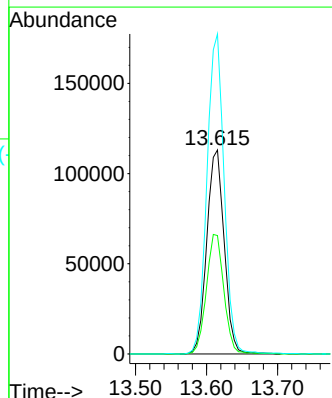
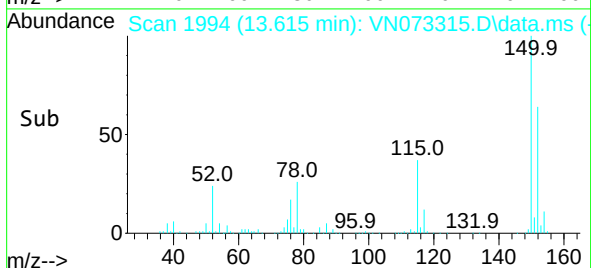
Tgt Ion:173 Resp: 1344
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

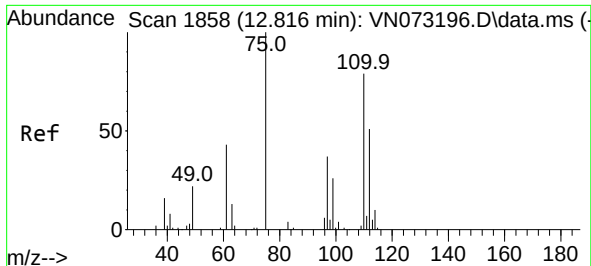


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09



Tgt Ion:152 Resp: 193055
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.7
150 154.8 0.0 356.2

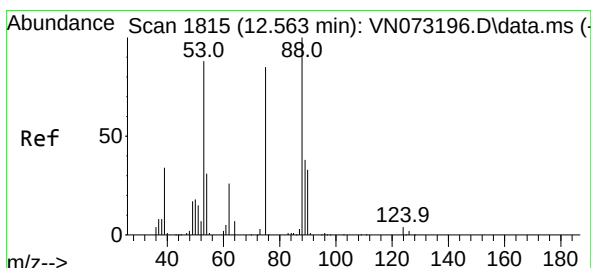
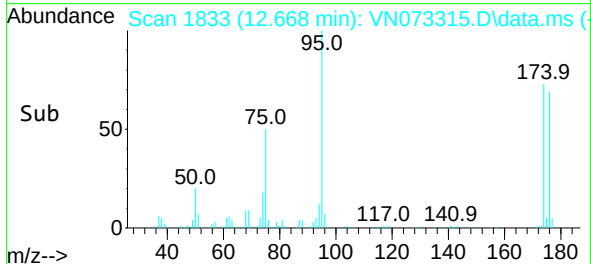
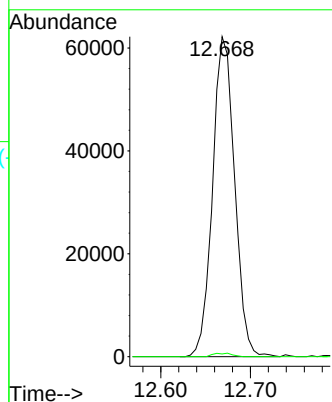
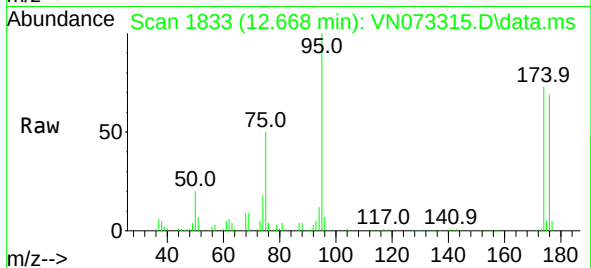




#76
1,2,3-Trichloropropane
Concen: 21.035 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 106187
Ion Ratio Lower Upper
75 100
77 0.9 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.689 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN073315.D
Acq: 05 Jul 2022 15:09

Tgt Ion: 75 Resp: 106187
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

