

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073558.D
 Acq On : 21 Jul 2022 16:11
 Operator : JC\MD
 Sample : N3765-08DL 200000X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPC-04-84DL

Quant Time: Jul 22 08:00:45 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)

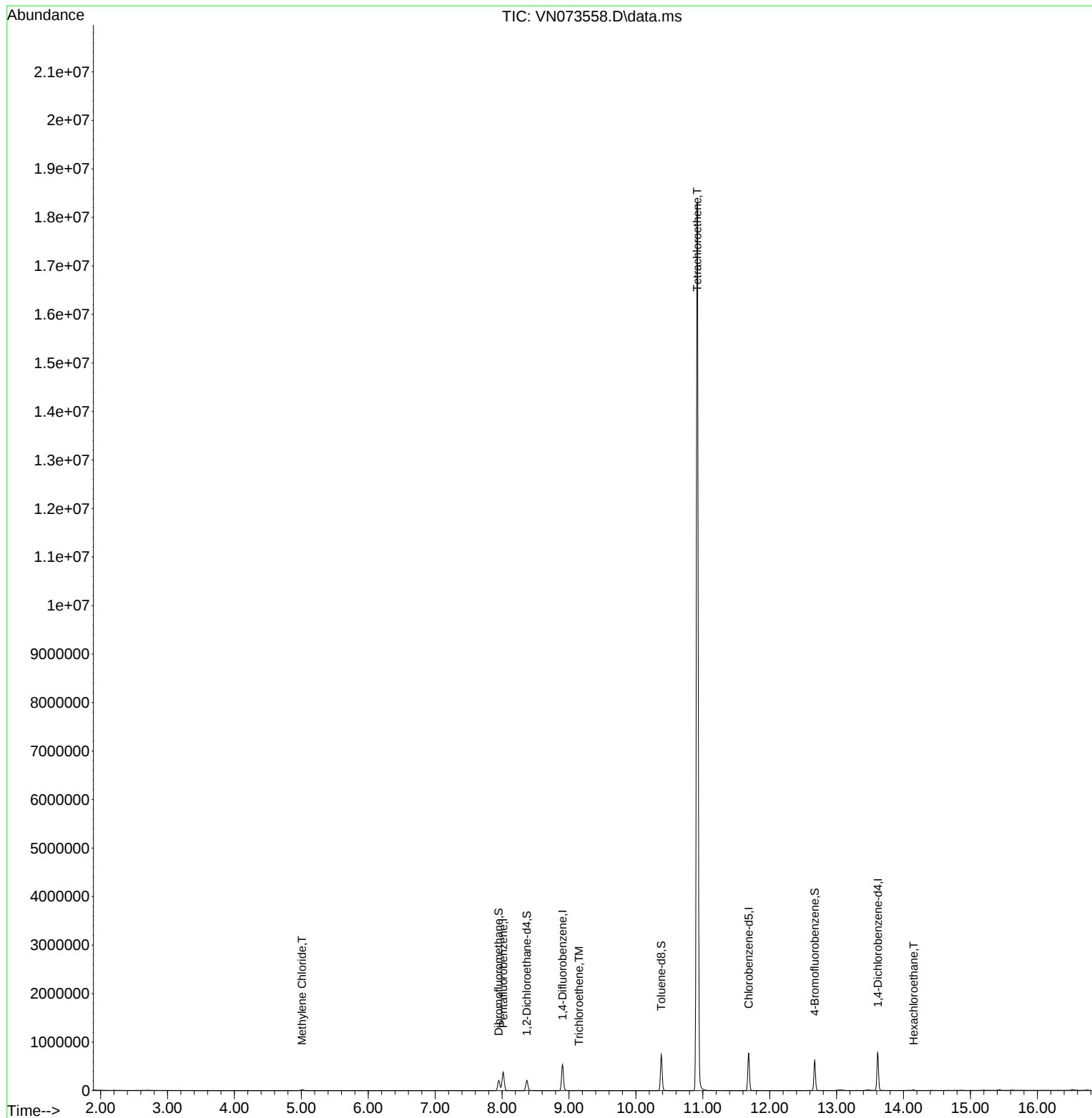
Internal Standards						
1) Pentafluorobenzene	8.016	168	292843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	474316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	437560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	212601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	176117	41.660	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.320%		
35) Dibromofluoromethane	7.951	113	153411	48.614	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.220%		
50) Toluene-d8	10.380	98	506565	45.197	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.400%		
62) 4-Bromofluorobenzene	12.674	95	208650	48.442	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.880%		
Target Compounds						Qvalue
20) Methylene Chloride	5.010	84	15280	3.664	ug/l	92
44) Trichloroethene	9.151	130	2529	0.663	ug/l	61
64) Tetrachloroethene	10.916	164	4143354	1159.629	ug/l	93
90) Hexachloroethane	14.151	117	3089	1.139	ug/l	70

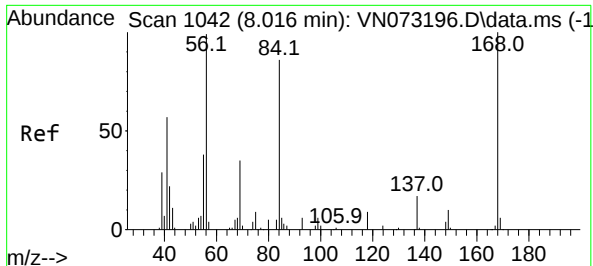
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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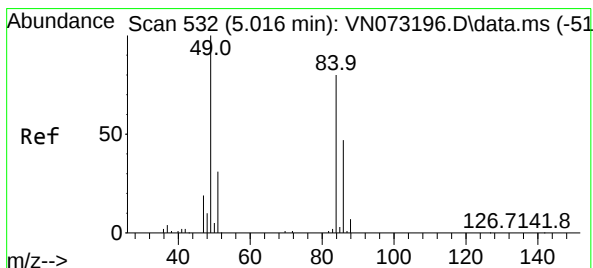
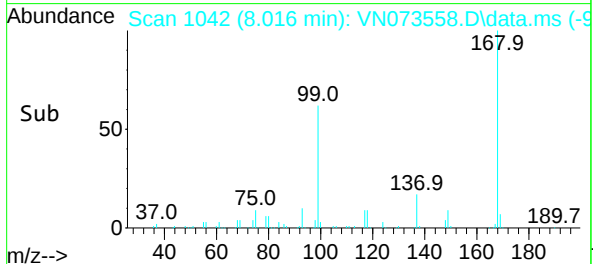
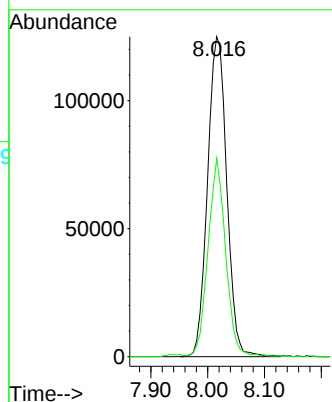
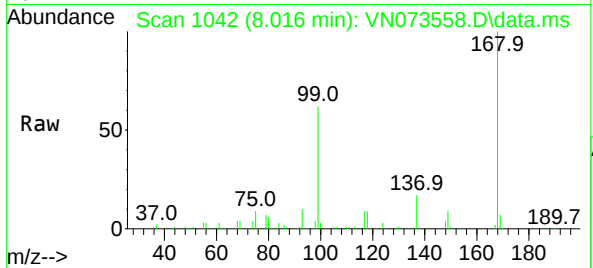




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

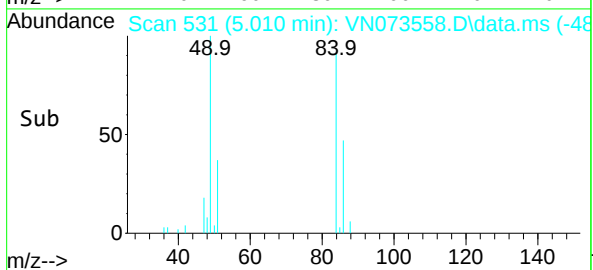
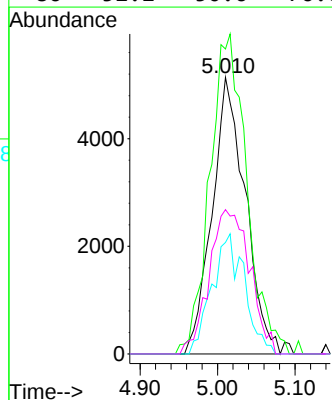
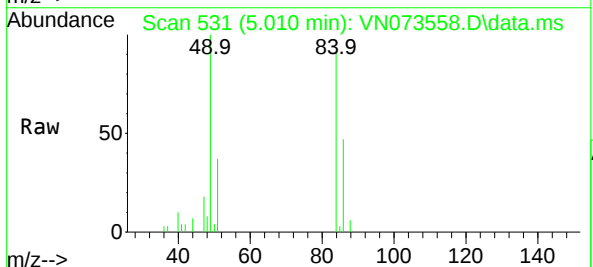
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84DL

Tgt Ion:168 Resp: 292843
Ion Ratio Lower Upper
168 100
99 61.7 42.3 63.5



#20
Methylene Chloride
Concen: 3.664 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

Tgt Ion: 84 Resp: 15280
Ion Ratio Lower Upper
84 100
49 106.8 88.3 132.5
51 40.3 28.2 42.2
86 52.2 50.6 76.0

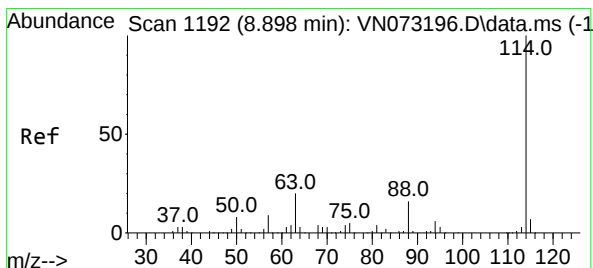
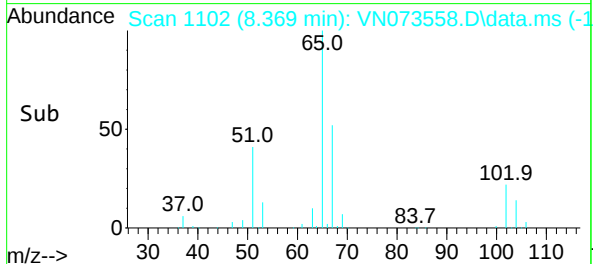
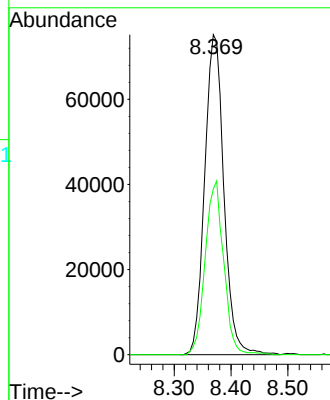
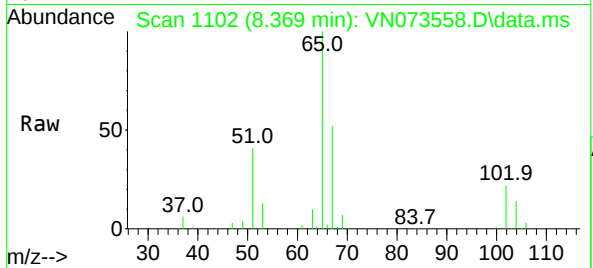




#33
1,2-Dichloroethane-d4
Concen: 41.660 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

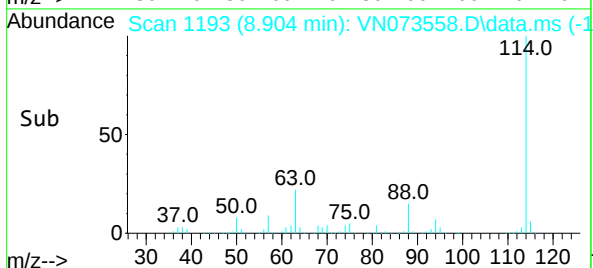
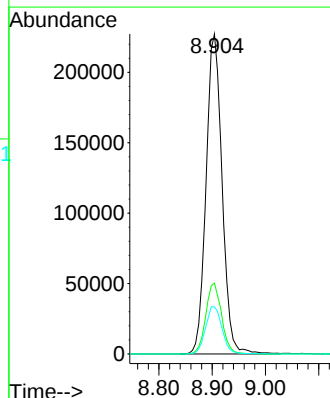
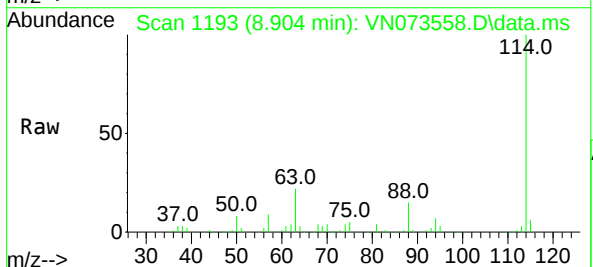
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84DL

Tgt Ion: 65 Resp: 176117
Ion Ratio Lower Upper
65 100
67 52.3 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: VN073558.D
Acq: 21 Jul 2022 16:11

Tgt Ion: 114 Resp: 474316
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.0
88 14.7 0.0 32.6

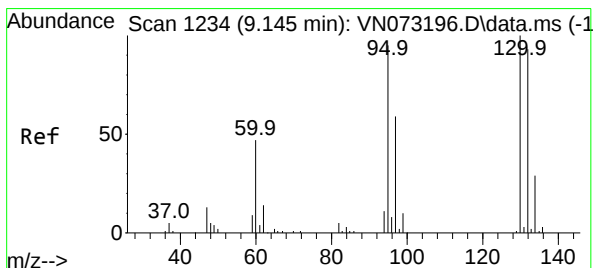
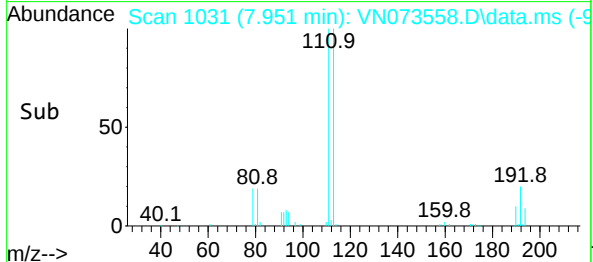
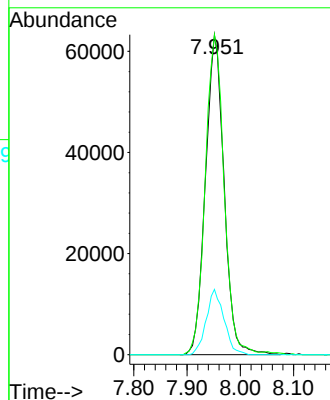
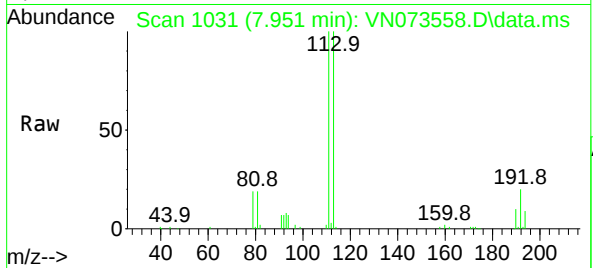




#35
Dibromofluoromethane
Concen: 48.614 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

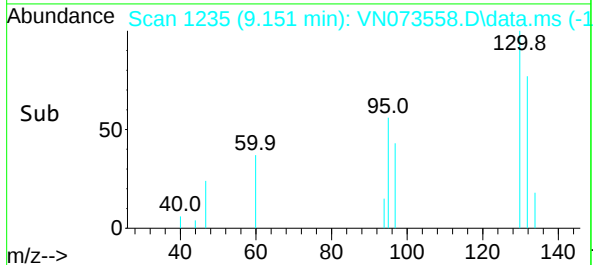
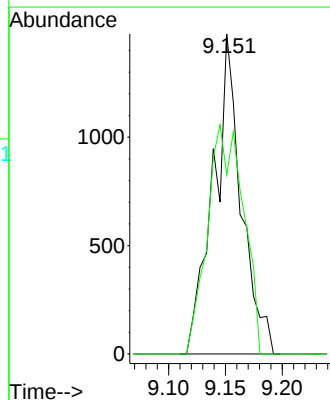
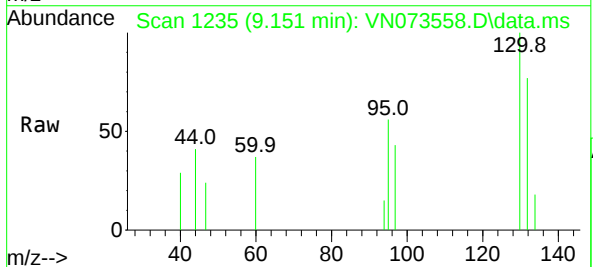
Instrument :
MSVOA_N
ClientSampleId :
SPC-04-84DL

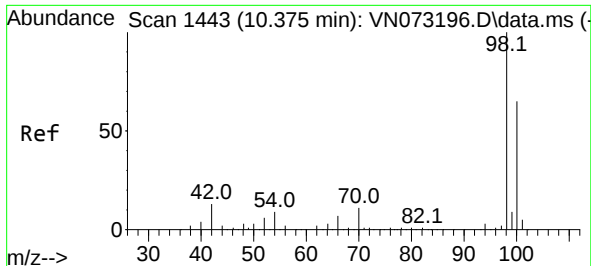
Tgt Ion:113 Resp: 153411
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 19.5 17.0 25.6



#44
Trichloroethene
Concen: 0.663 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

Tgt Ion:130 Resp: 2529
Ion Ratio Lower Upper
130 100
95 56.0 0.0 186.8

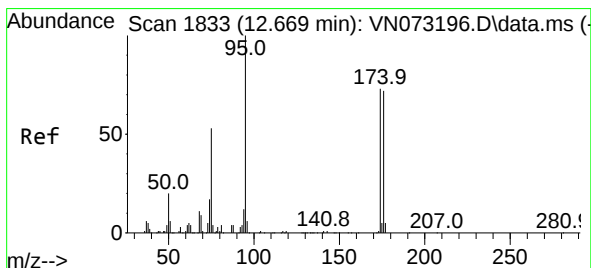
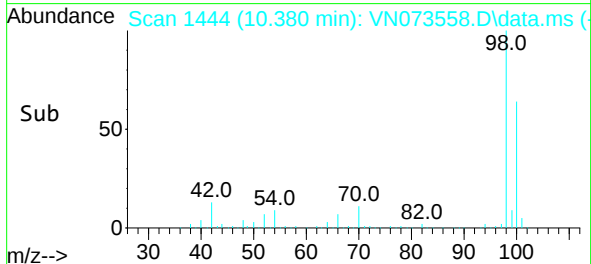
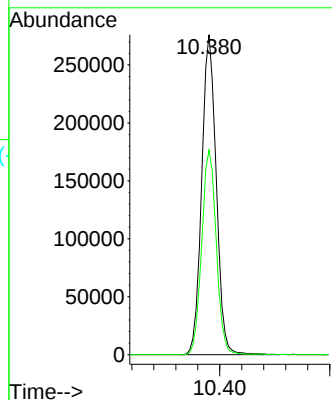
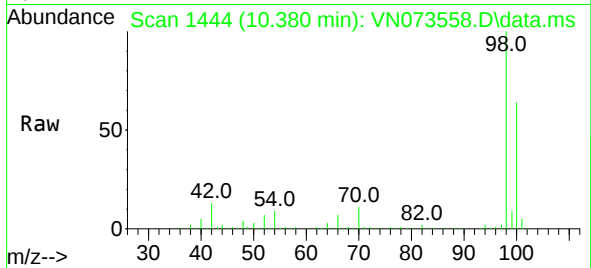




#50
Toluene-d8
Concen: 45.197 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

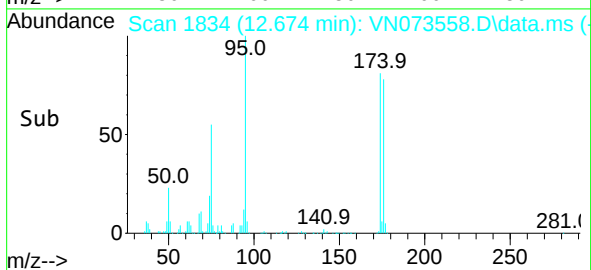
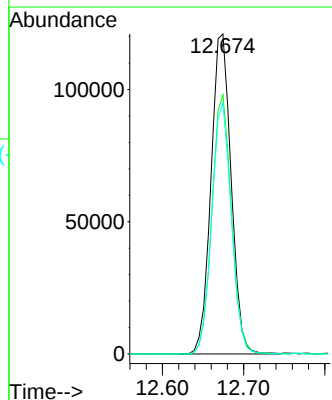
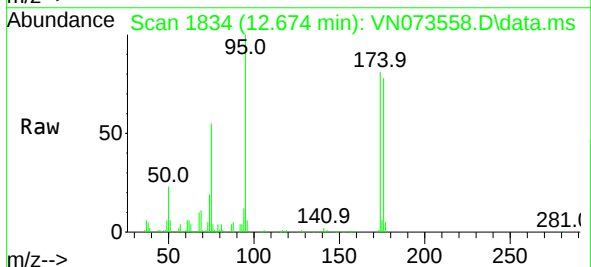
Instrument :
MSVOA_N
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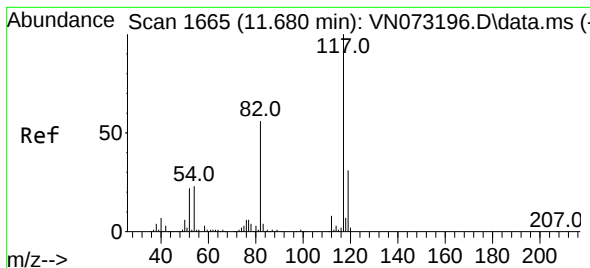
Tgt Ion: 98 Resp: 506565
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.442 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

Tgt Ion: 95 Resp: 208650
Ion Ratio Lower Upper
95 100
174 78.3 0.0 167.6
176 76.5 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: VN073558.D

Acq: 21 Jul 2022 16:11

Instrument :

MSVOA_N

ClientSampleId :

SPC-04-84DL

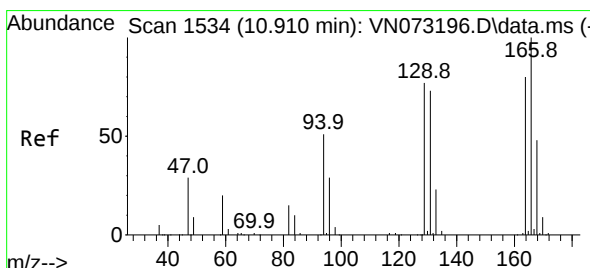
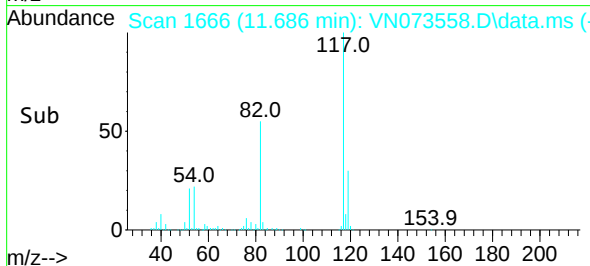
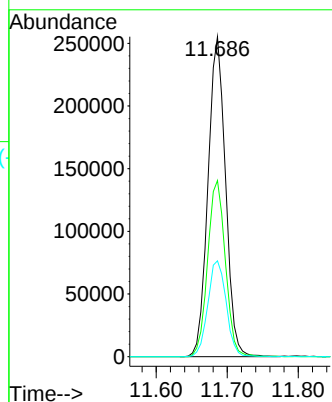
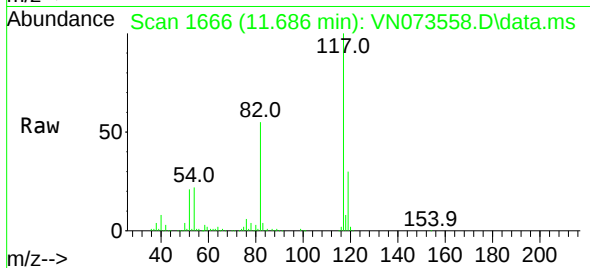
Tgt Ion:117 Resp: 437560

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 30.0 25.4 38.0



#64

Tetrachloroethene

Concen: 1159.629 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073558.D

Acq: 21 Jul 2022 16:11

Tgt Ion:164 Resp: 4143354

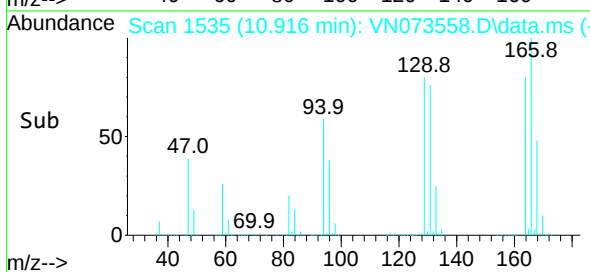
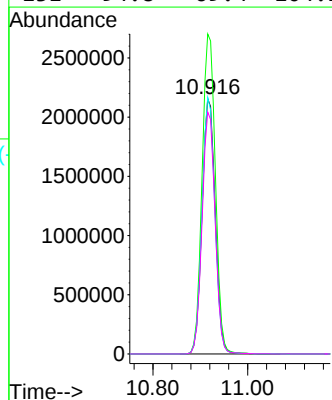
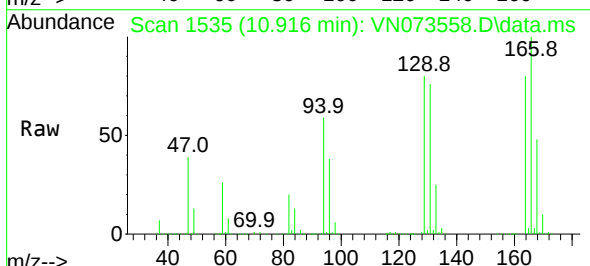
Ion Ratio Lower Upper

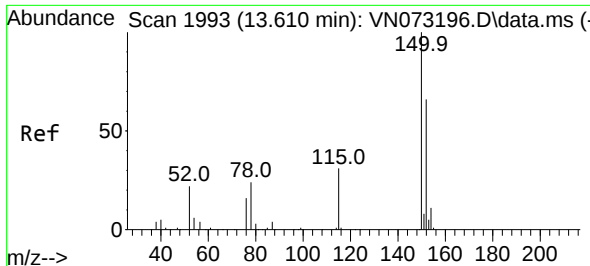
164 100

166 125.4 104.2 156.2

129 100.5 73.9 110.9

131 94.8 69.4 104.2

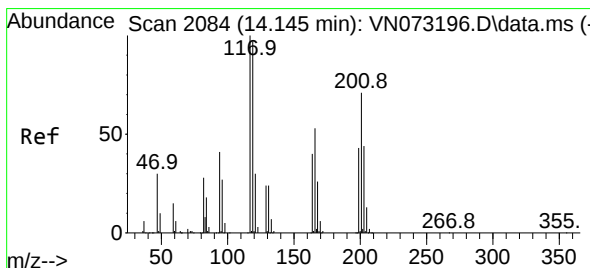
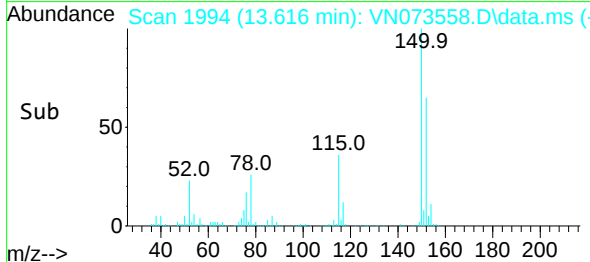
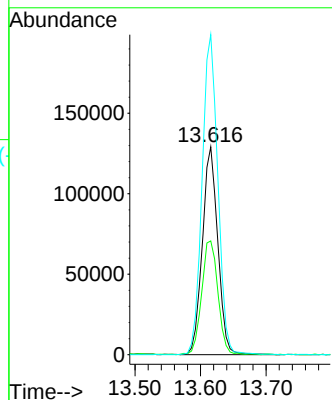
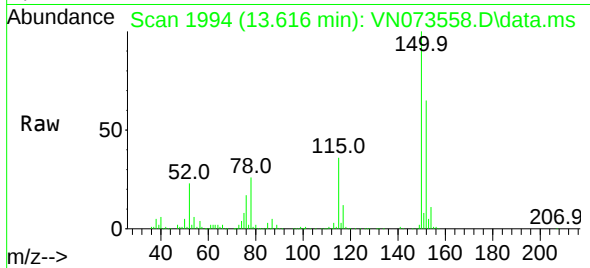




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
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Acq: 21 Jul 2022 16:11

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ClientSampleId :
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Tgt Ion:152 Resp: 212601
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 156.4 0.0 356.2



#90
Hexachloroethane
Concen: 1.139 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073558.D
Acq: 21 Jul 2022 16:11

Tgt Ion:117 Resp: 3089
Ion Ratio Lower Upper
117 100
201 54.4 40.6 122.0

