

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066815.D
 Acq On : 28 Apr 2021 16:17
 Operator : JC/MD
 Sample : M2138-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-14D

Quant Time: Apr 29 04:30:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

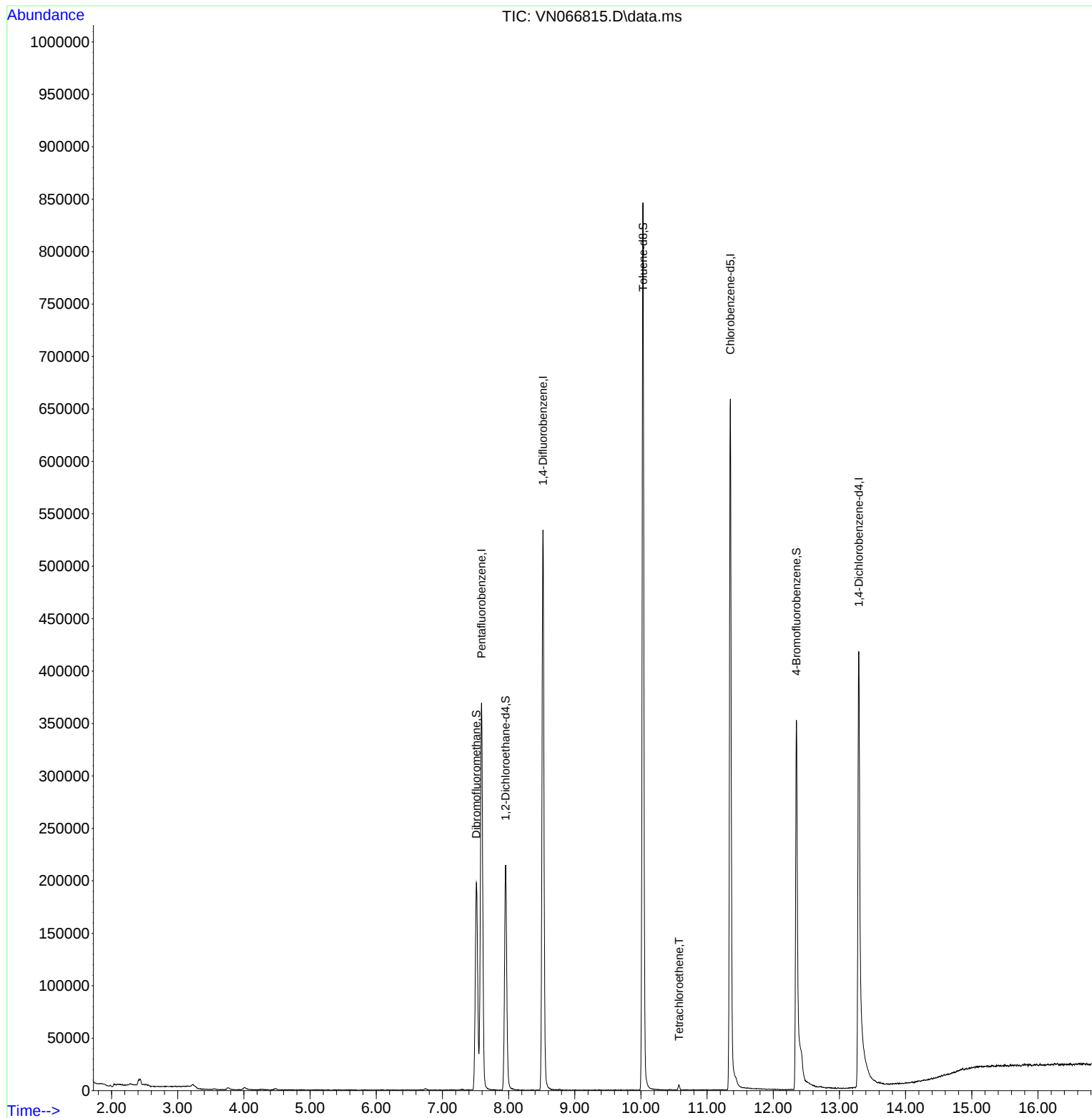
Internal Standards						
1) Pentafluorobenzene	7.591	168	333372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	510408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	444855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	193109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	182648	42.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 85.28%			
35) Dibromofluoromethane	7.513	113	158236	50.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.44%			
50) Toluene-d8	10.032	98	606224	49.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.04%			
62) 4-Bromofluorobenzene	12.349	95	180629	43.17	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.34%			
Target Compounds						
64) Tetrachloroethene	10.579	164	1333	0.45	ug/l	Qvalue 88

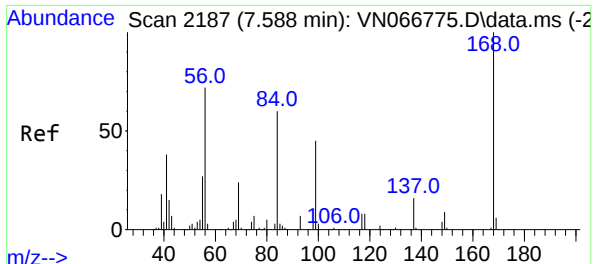
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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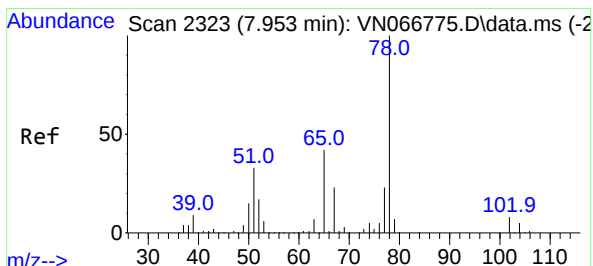
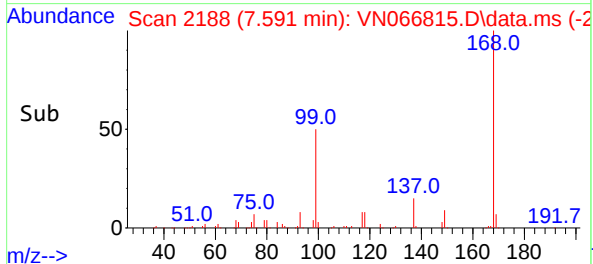
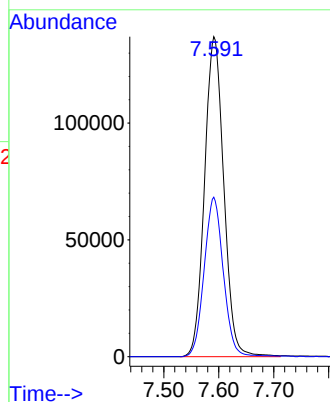
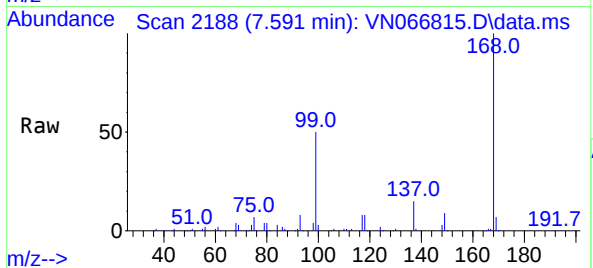




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

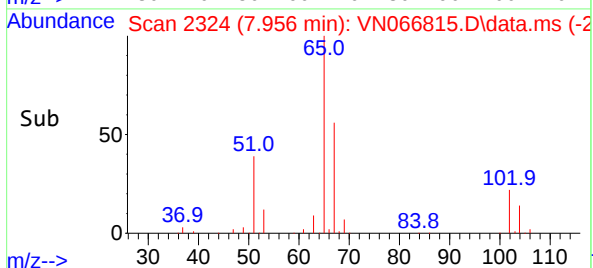
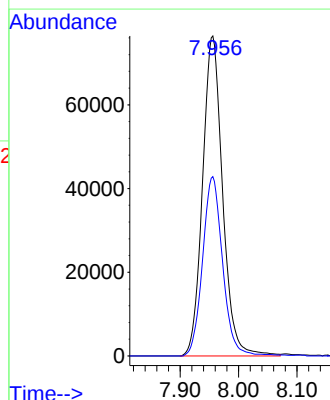
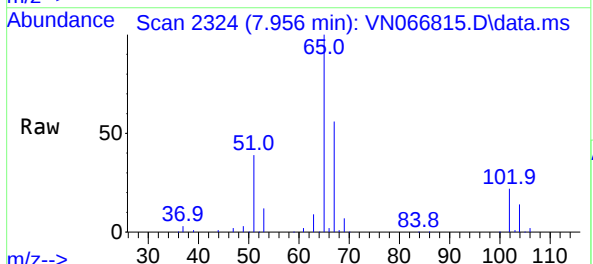
Instrument :
MSVOA_N
ClientSampleId :
152140-14D

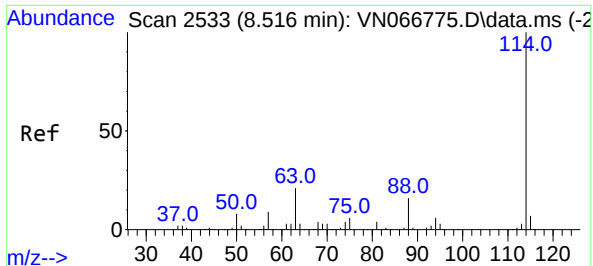
Tgt Ion:168 Resp: 333372
Ion Ratio Lower Upper
168 100
99 49.8 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 42.64 ug/l
RT: 7.956 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 65 Resp: 182648
Ion Ratio Lower Upper
65 100
67 56.0 0.0 107.2

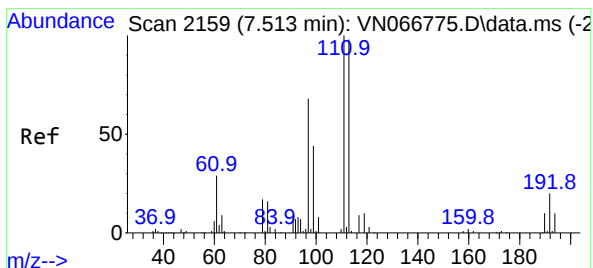
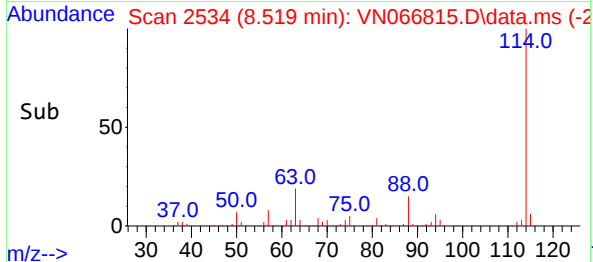
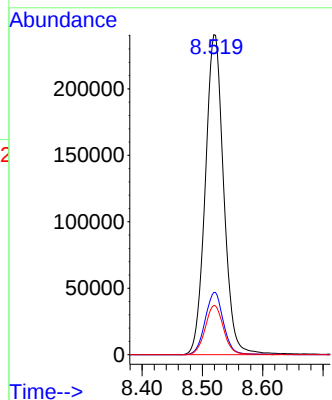
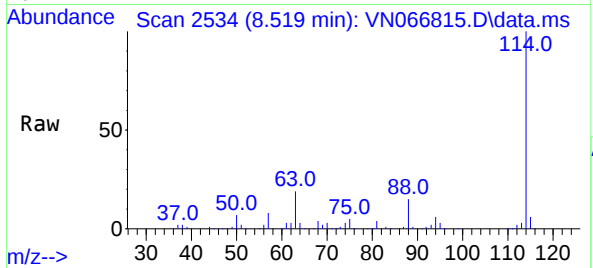




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

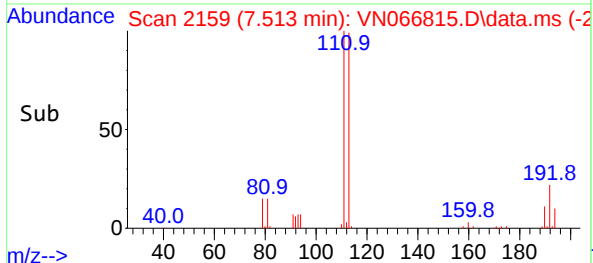
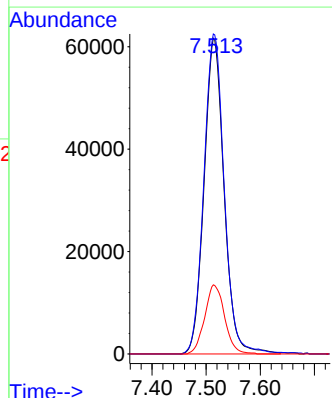
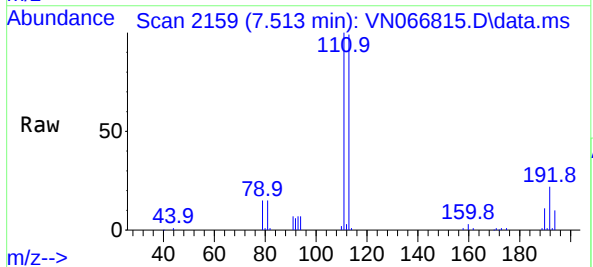
Instrument :
MSVOA_N
ClientSampleId :
152140-14D

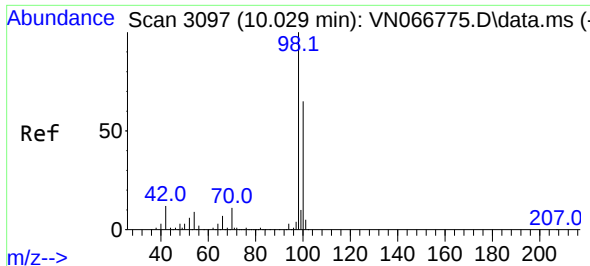
Tgt Ion:114 Resp: 510408
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.22 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion:113 Resp: 158236
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.8 15.4 23.0

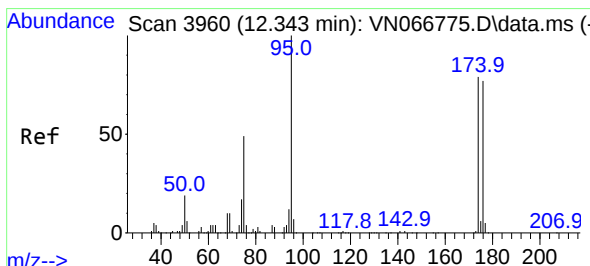
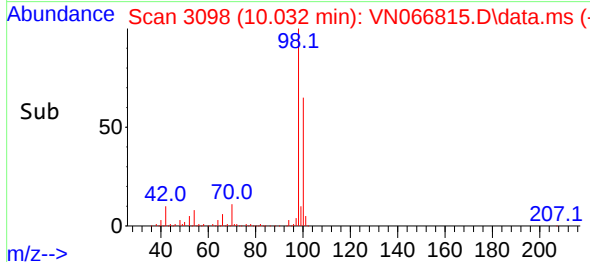
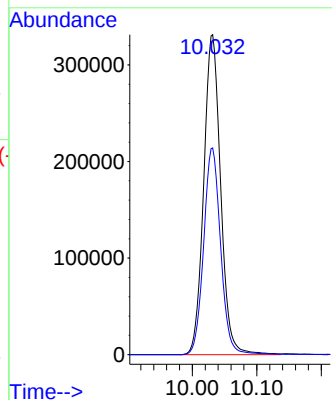
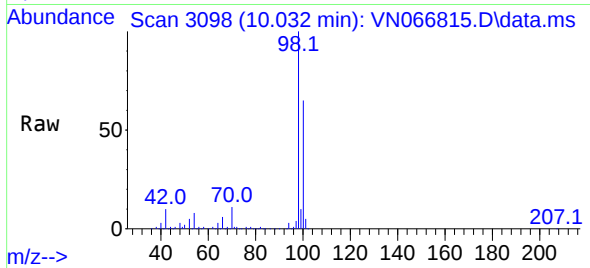




#50
Toluene-d8
Concen: 49.02 ug/l
RT: 10.032 min Scan# 3098
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

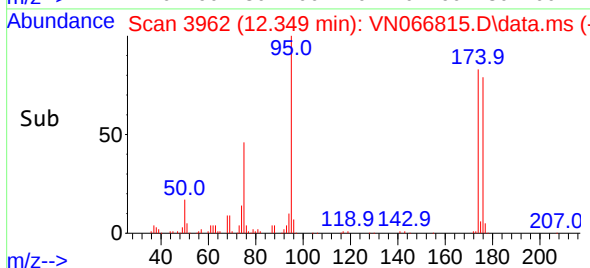
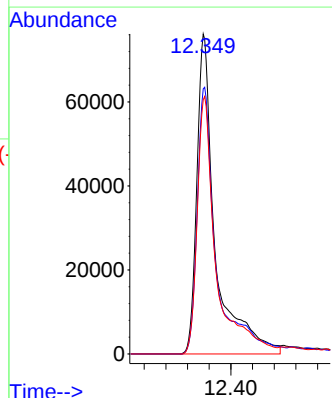
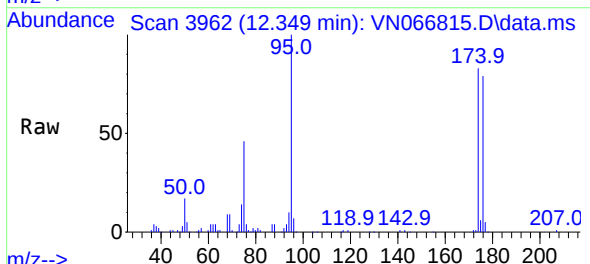
Instrument :
MSVOA_N
ClientSampleId :
152140-14D

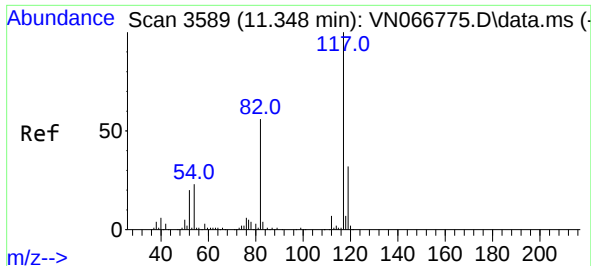
Tgt Ion: 98 Resp: 606224
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 43.17 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Tgt Ion: 95 Resp: 180629
Ion Ratio Lower Upper
95 100
174 86.4 0.0 169.0
176 82.2 0.0 162.4

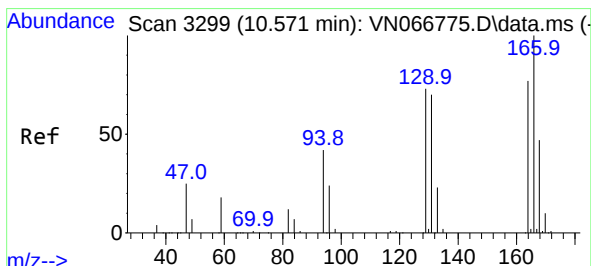
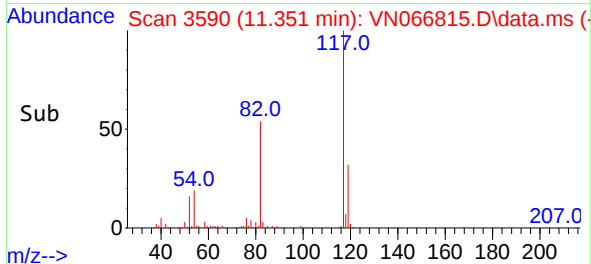
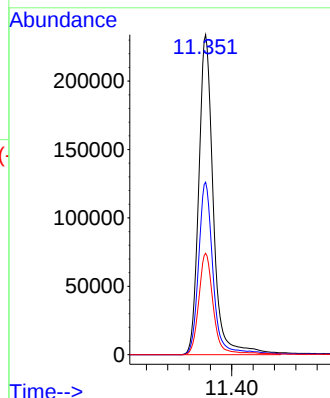
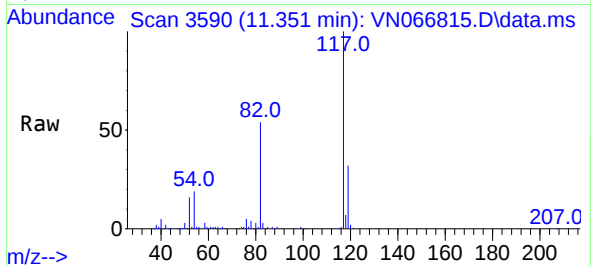




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

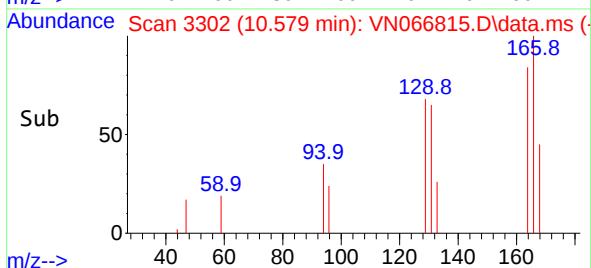
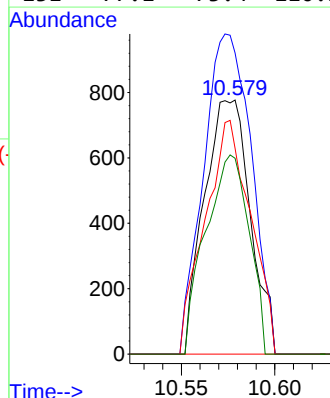
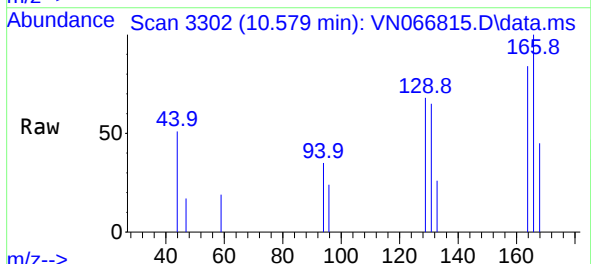
Instrument :
MSVOA_N
ClientSampleId :
152140-14D

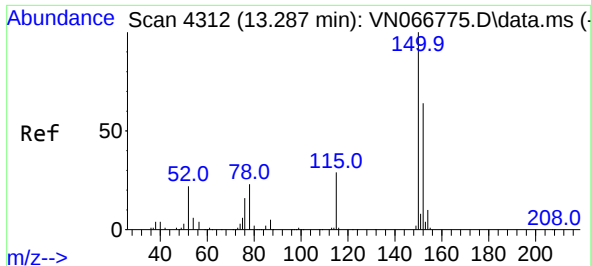
Tgt Ion:117 Resp: 444855
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 0.45 ug/l
RT: 10.579 min Scan# 3302
Delta R.T. 0.008 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

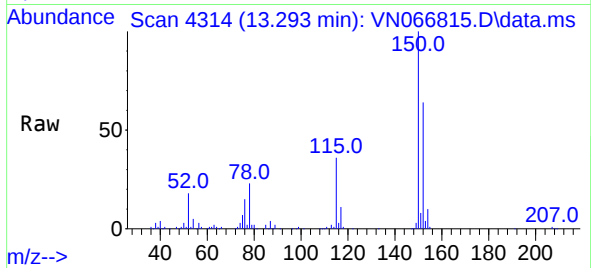
Tgt Ion:164 Resp: 1333
Ion Ratio Lower Upper
164 100
166 118.5 102.6 154.0
129 81.0 76.2 114.4
131 77.1 73.4 110.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.005 min
Lab File: VN066815.D
Acq: 28 Apr 2021 16:17

Instrument :
MSVOA_N
ClientSampleId :
152140-14D



Tgt Ion:152 Resp: 193109
Ion Ratio Lower Upper
152 100
115 52.1 28.5 85.6
150 156.0 0.0 347.6

