

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065718.D
 Acq On : 4 Feb 2021 15:28
 Operator : JC/MD
 Sample : M1288-17
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-MW-15D

Quant Time: Feb 05 02:17:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

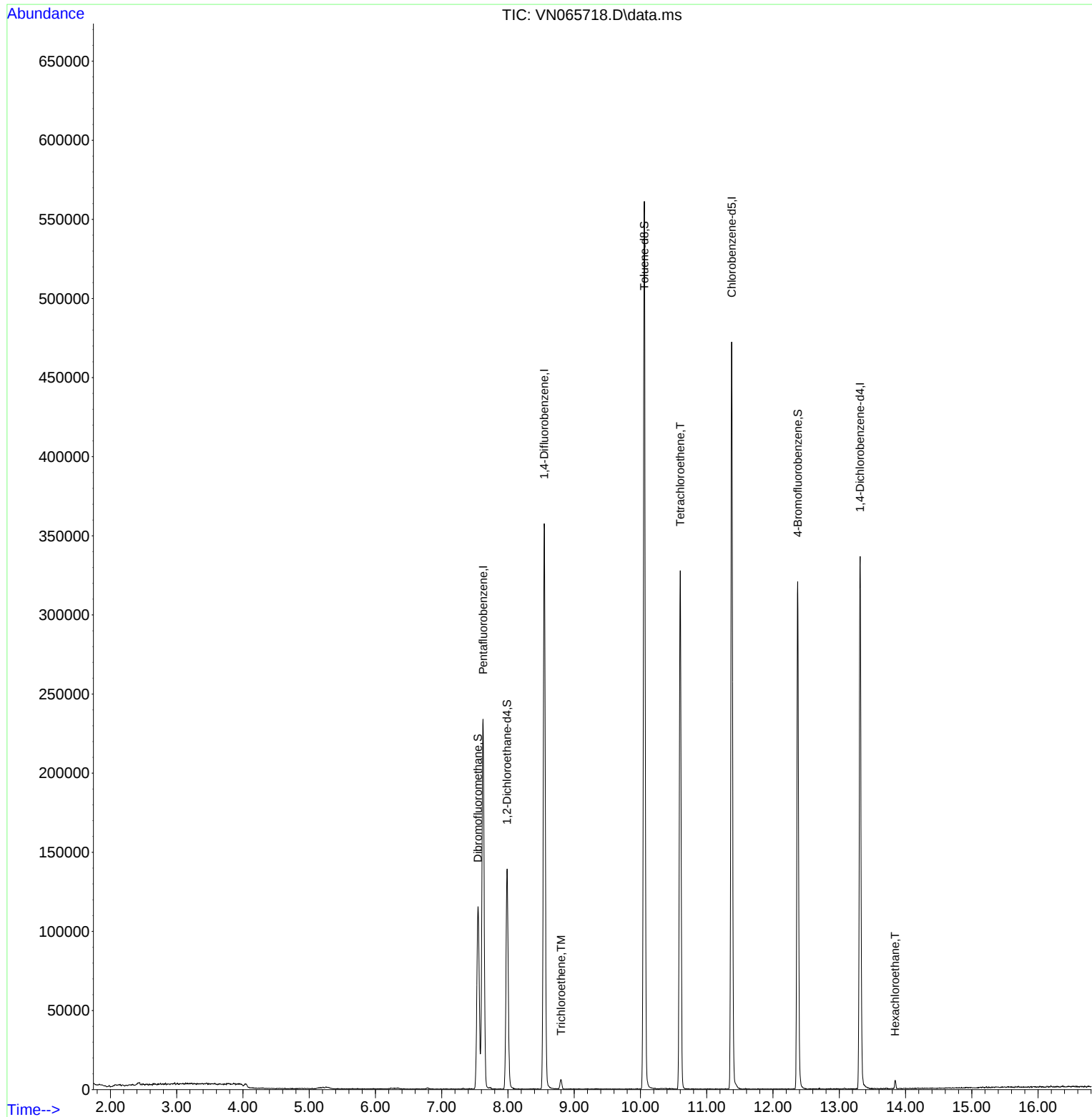
Internal Standards						
1) Pentafluorobenzene	7.624	168	194924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	330912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	289635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100945	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	116555	45.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.90%
35) Dibromofluoromethane	7.547	113	95917	48.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.82%
50) Toluene-d8	10.058	98	411056	53.33	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.66%
62) 4-Bromofluorobenzene	12.373	95	131506	47.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.76%
Target Compounds						
					Qvalue	
44) Trichloroethene	8.801	130	2526	1.02	ug/l	90
64) Tetrachloroethene	10.601	164	81577	33.61	ug/l	98
90) Hexachloroethane	13.842	117	985	0.75	ug/l	92

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

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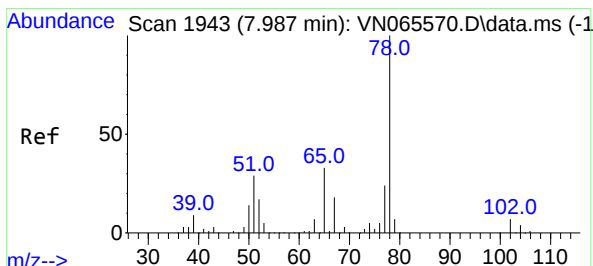
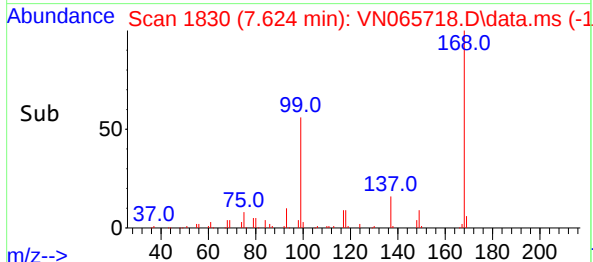
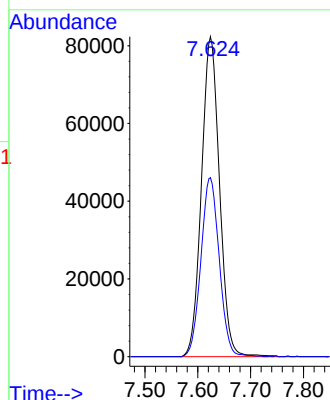
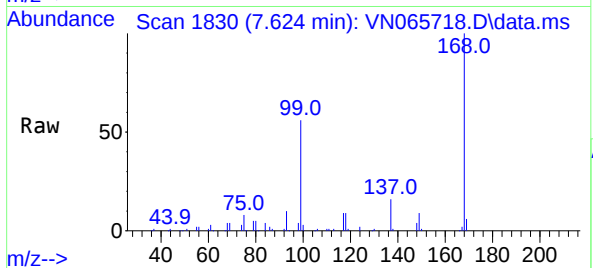




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

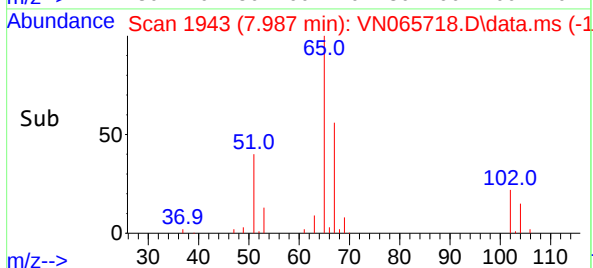
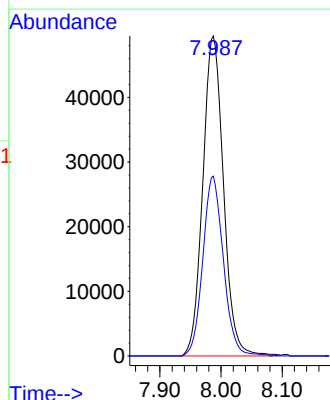
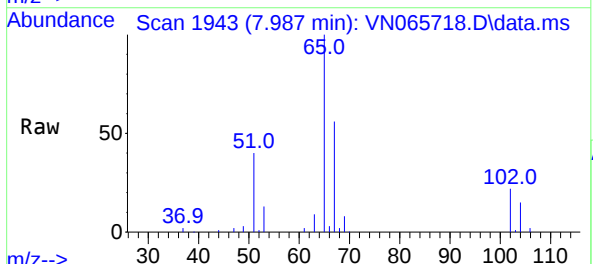
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-15D

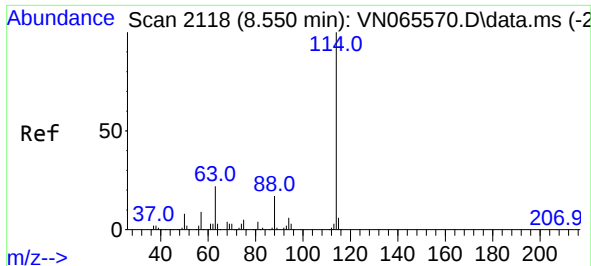
Tgt Ion:168 Resp: 194924
Ion Ratio Lower Upper
168 100
99 56.0 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 45.45 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

Tgt Ion: 65 Resp: 116555
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2



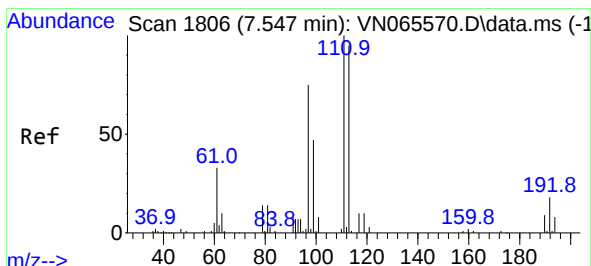
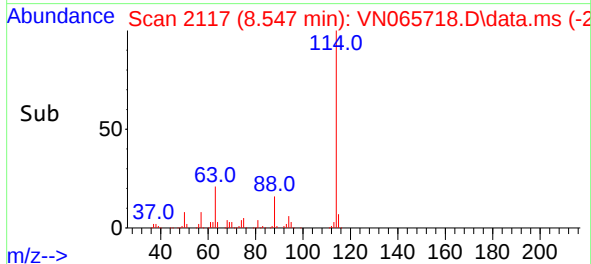
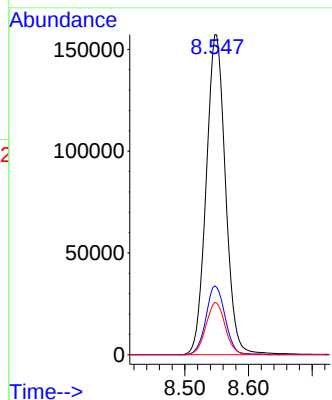
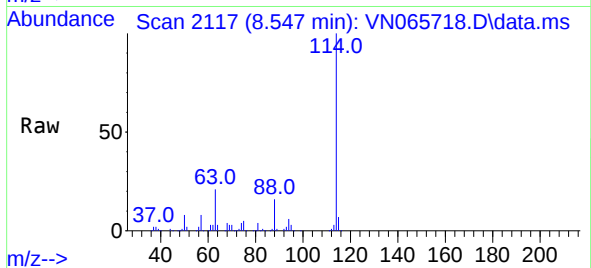


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-15D

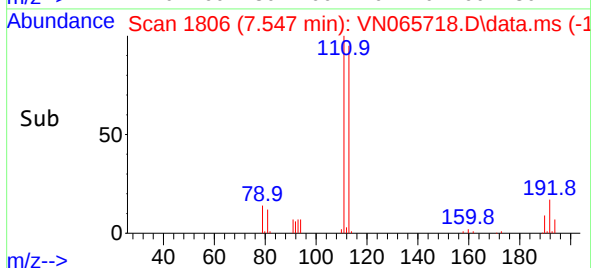
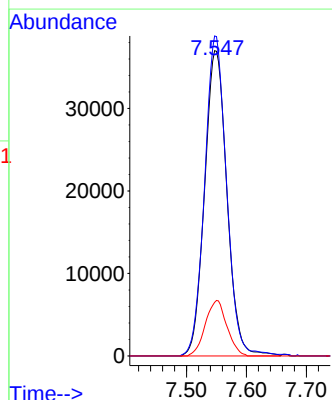
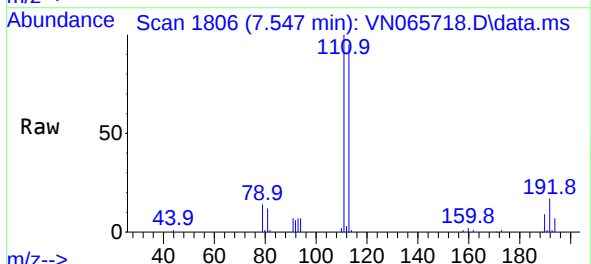
Tgt Ion:114 Resp: 330912
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 16.3 0.0 30.6

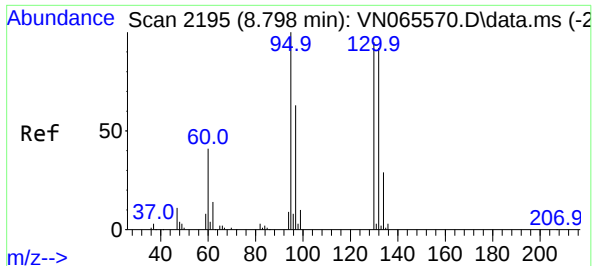


#35

Dibromofluoromethane
Concen: 48.91 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

Tgt Ion:113 Resp: 95917
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 17.6 15.4 23.0

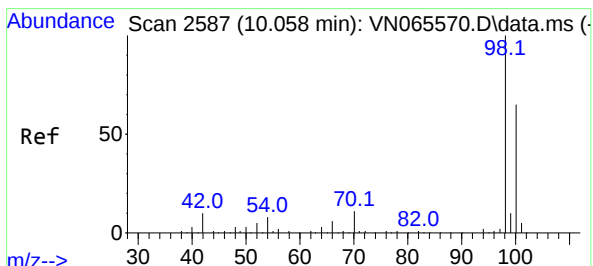
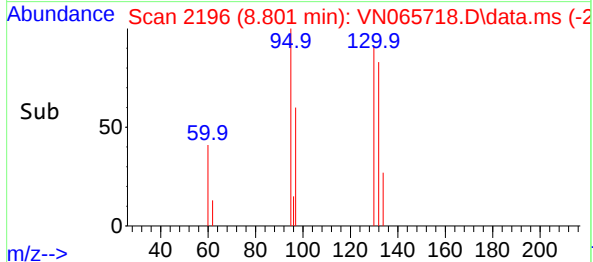
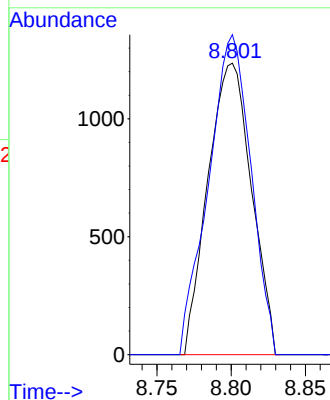
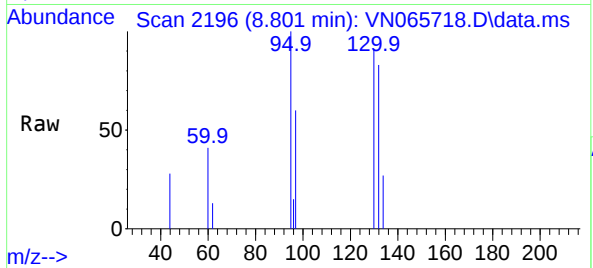




#44
Trichloroethene
Concen: 1.02 ug/l
RT: 8.801 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

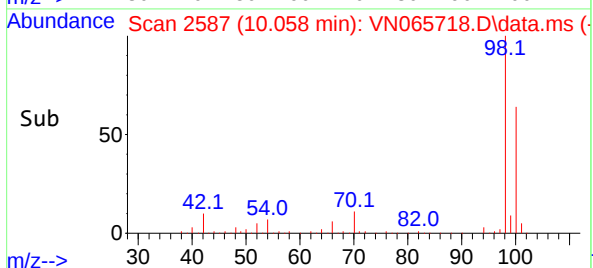
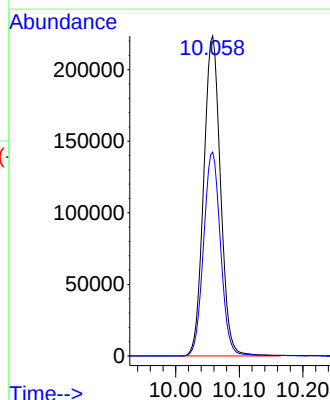
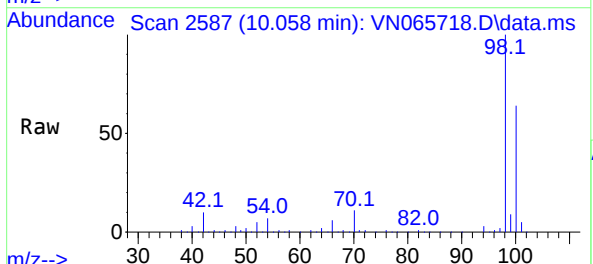
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-15D

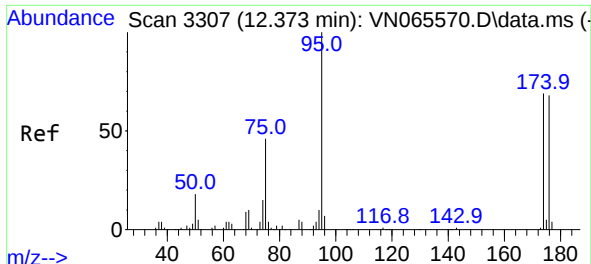
Tgt Ion:130 Resp: 2526
Ion Ratio Lower Upper
130 100
95 109.8 0.0 199.6



#50
Toluene-d8
Concen: 53.33 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

Tgt Ion: 98 Resp: 411056
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7

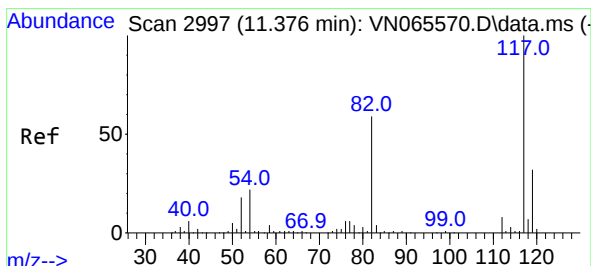
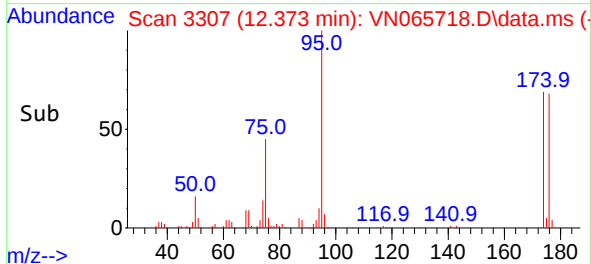
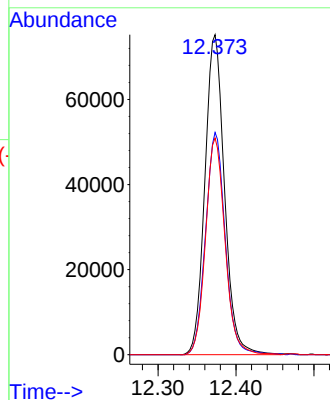
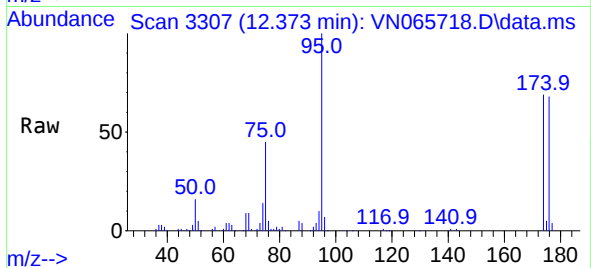




#62
4-Bromofluorobenzene
Concen: 47.38 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

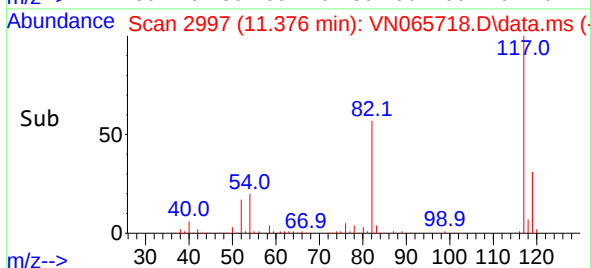
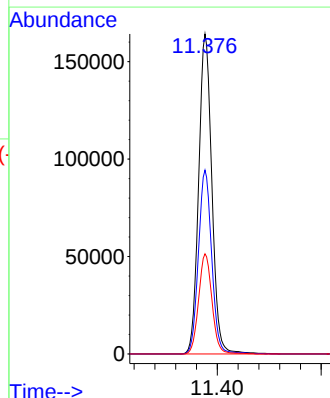
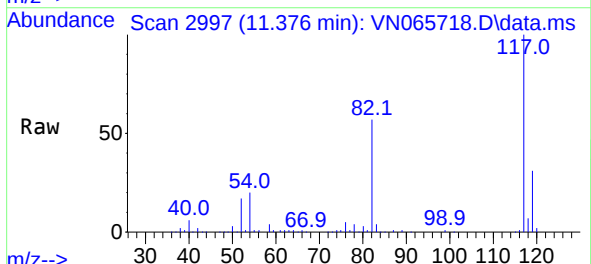
Instrument :
MSVOA_N
ClientSampleId :
152140-MW-15D

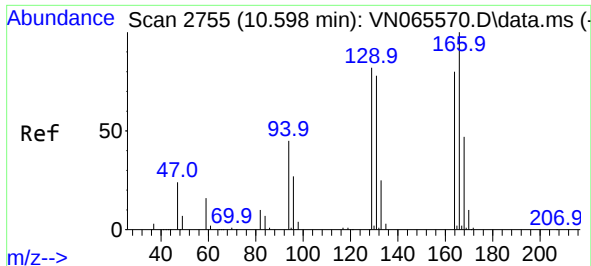
Tgt Ion: 95 Resp: 131506
Ion Ratio Lower Upper
95 100
174 69.7 0.0 169.0
176 67.4 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

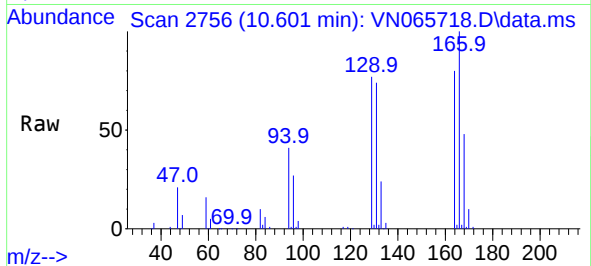
Tgt Ion: 117 Resp: 289635
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 31.3 26.1 39.1





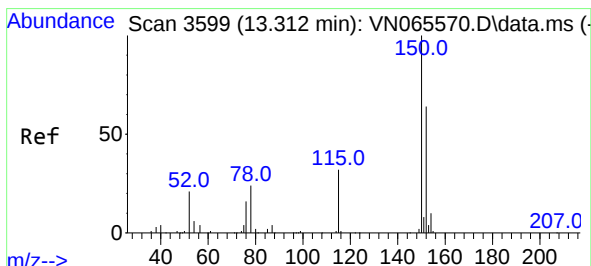
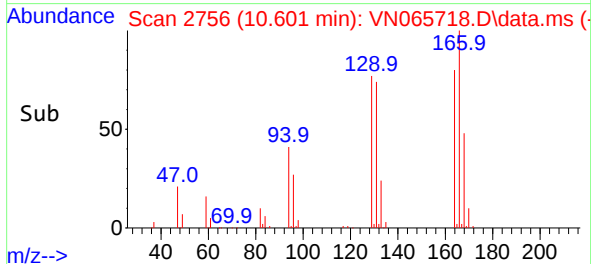
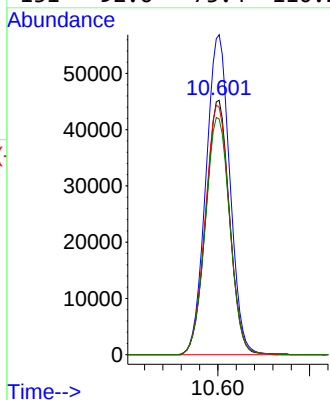
#64
Tetrachloroethene
Concen: 33.61 ug/l
RT: 10.601 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-15D

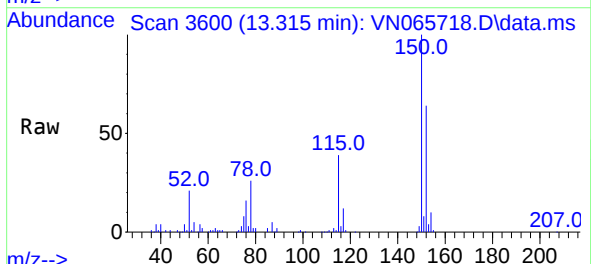


Tgt Ion:164 Resp: 81577

Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.6	154.0
129	97.3	76.2	114.4
131	92.6	73.4	110.2

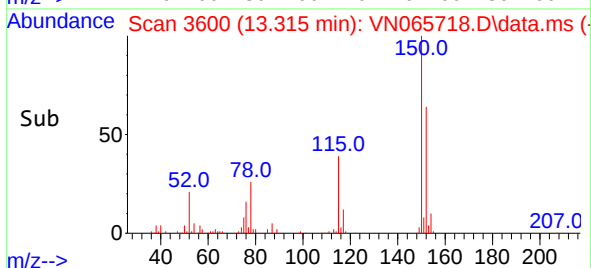
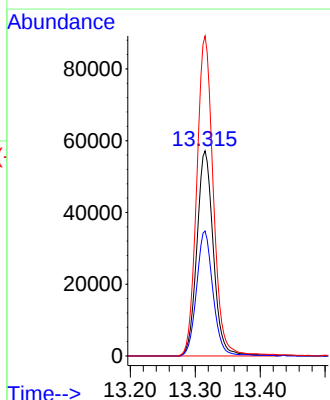


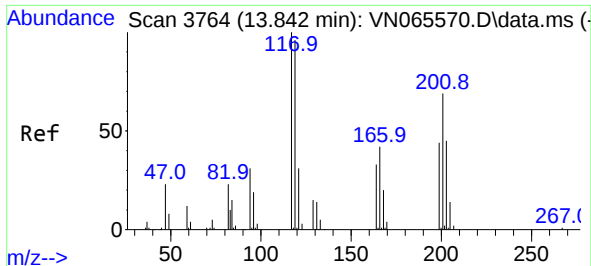
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28



Tgt Ion:152 Resp: 100945

Ion	Ratio	Lower	Upper
152	100		
115	60.4	28.5	85.6
150	157.2	0.0	347.6





#90
Hexachloroethane
Concen: 0.75 ug/l
RT: 13.842 min Scan# 3764
Delta R.T. 0.000 min
Lab File: VN065718.D
Acq: 4 Feb 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
152140-MW-15D

Tgt Ion:117 Resp: 985
Ion Ratio Lower Upper
117 100
201 68.3 37.8 113.3

