

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
 Data File : VN065151.D
 Acq On : 15 Dec 2020 18:58
 Operator : JC/MD
 Sample : L5051-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Dec 16 07:18:52 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 15 15:18:54 2020
 Response via : Initial Calibration

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

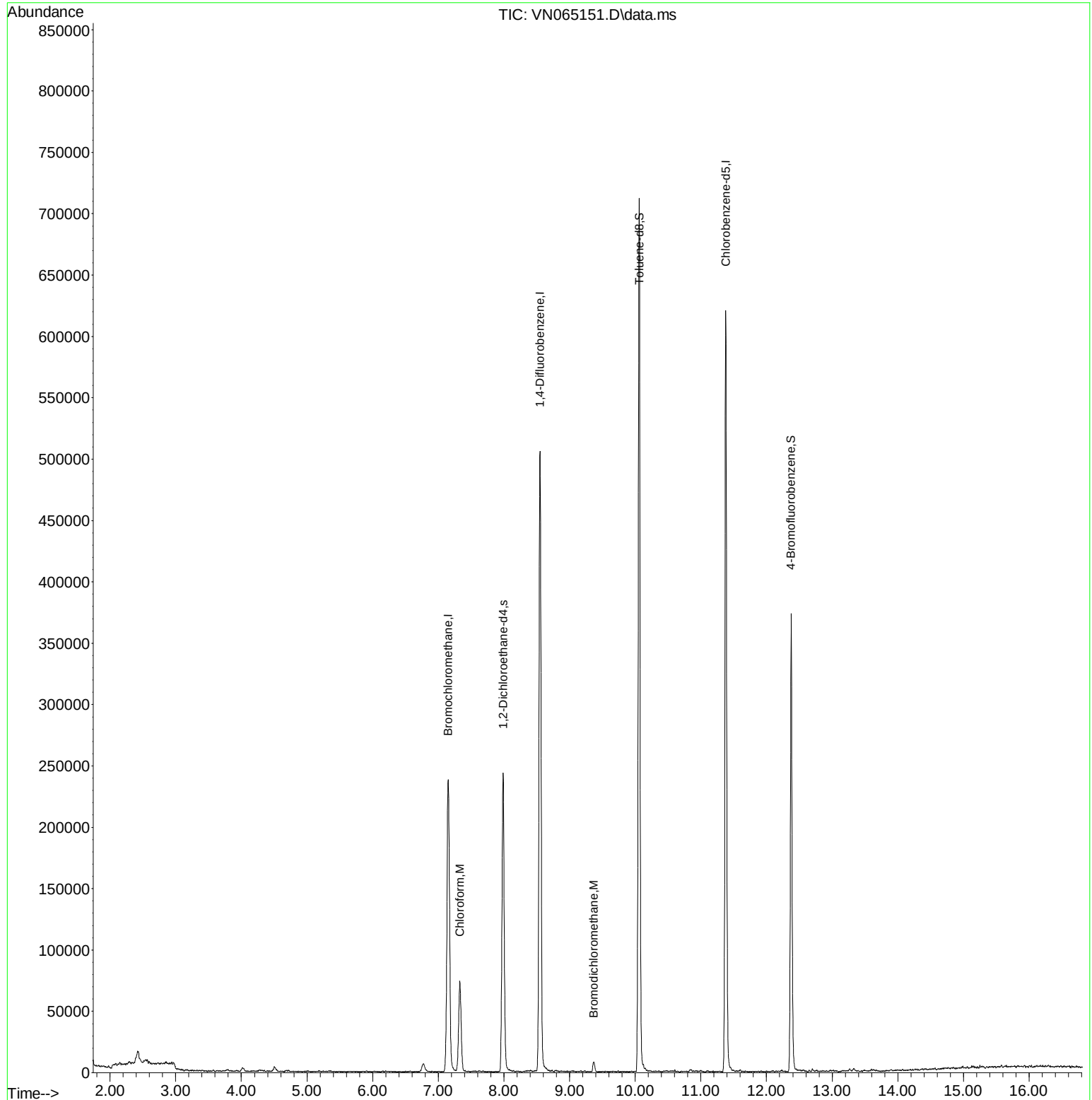
Internal Standards						
1) Bromochloromethane	7.151	128	102198	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.550	114	469312	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.380	117	360056	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.987	65	208762	29.84	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	99.47%	
60) 4-Bromofluorobenzene	12.376	95	130714	23.11	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	77.03%	
63) Toluene-d8	10.061	98	505657	29.09	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	96.97%	
Target Compounds						
25) Chloroform	7.328	83	77959	7.03	ug/l	97
41) Bromodichloromethane	9.370	83	5773	0.68	ug/l #	80

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

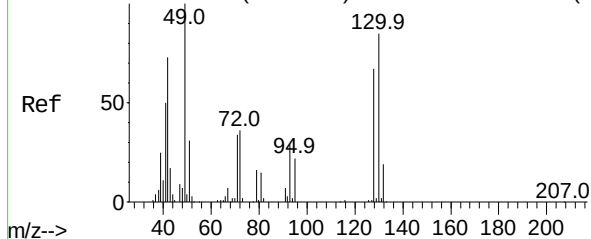
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121520\
Data File : VN065151.D
Acq On : 15 Dec 2020 18:58
Operator : JC/MD
Sample : L5051-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-2

Quant Time: Dec 16 07:18:52 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 15 15:18:54 2020
Response via : Initial Calibration



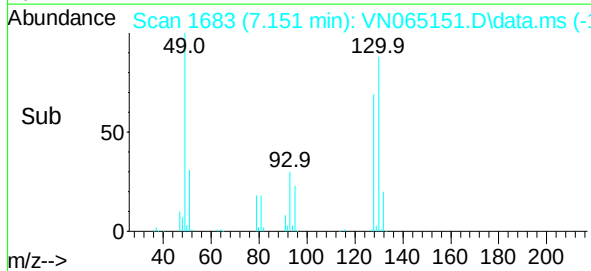
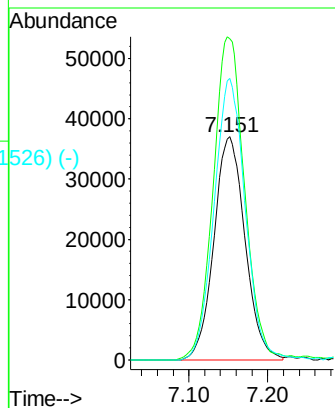
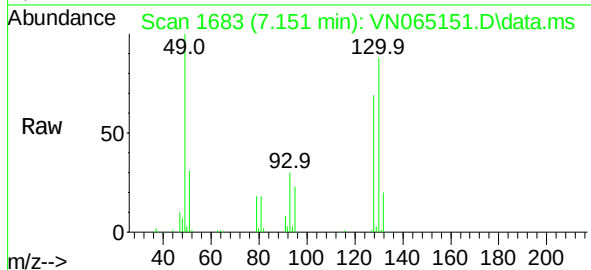
Abundance Scan 1682 (7.148 min): VN065141.D\data.ms (-1662) (-)



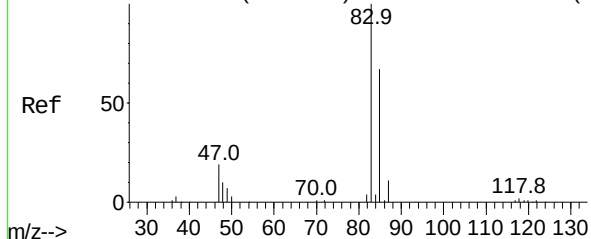
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.151 min Scan# 1683
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Instrument :
MSVOA_N
ClientSampled :
14B-2

Tgt Ion:	128	Resp:	102198
Ion	Ratio	Lower	Upper
128	100		
49	145.0	0.0	475.5
130	126.4	0.0	315.3

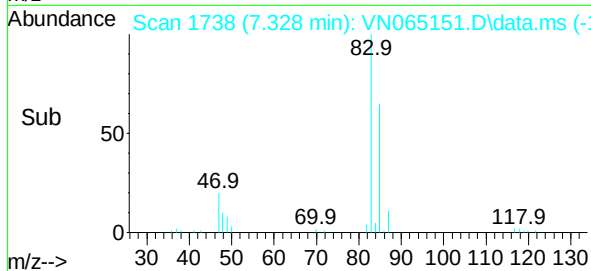
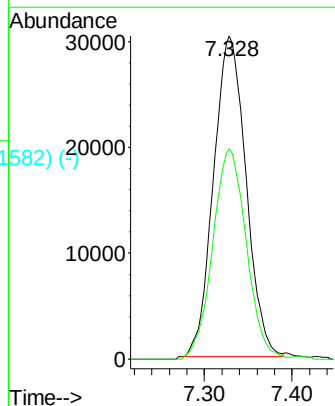
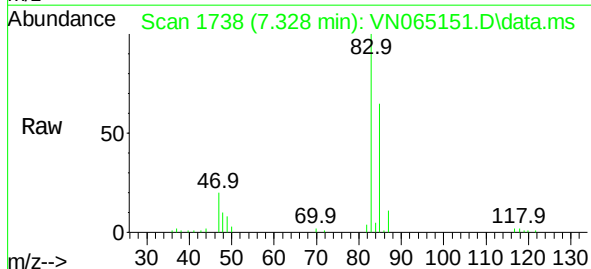


Abundance Scan 1738 (7.328 min): VN065141.D\data.ms (-1725) (-)



Chloroform
Concen: 7.03 ug/l
RT: 7.328 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

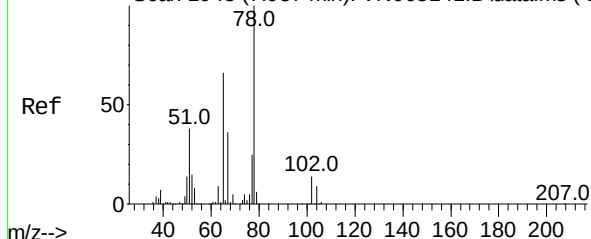
Tgt Ion:	83	Resp:	77959
Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.6	75.8



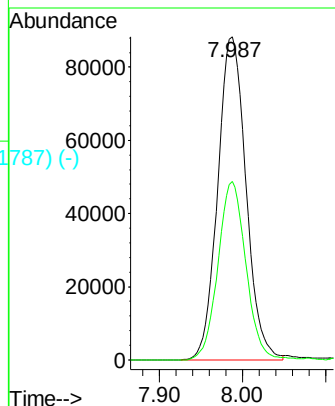
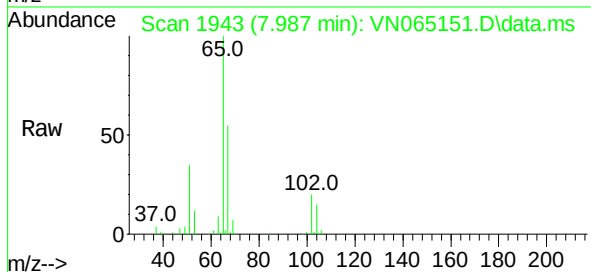
Abundance Scan 1943 (7.987 min): VN065141.D\data.ms (-1927) (-)

1,2-Dichloroethane-d4
Concen: 29.84 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

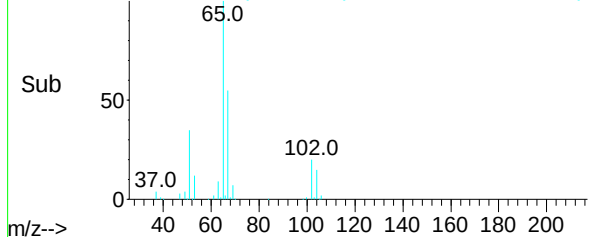
Instrument :
MSVOA_N
ClientSampled :
14B-2



Tgt Ion: 65 Resp: 208762
Ion Ratio Lower Upper
65 100
67 54.3 41.1 61.7



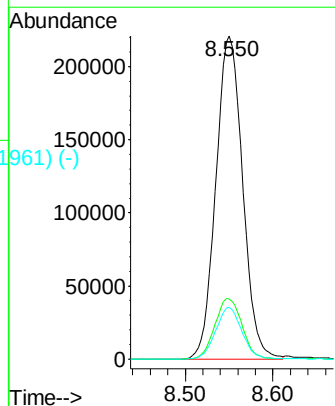
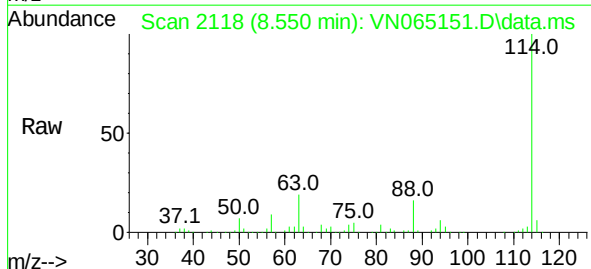
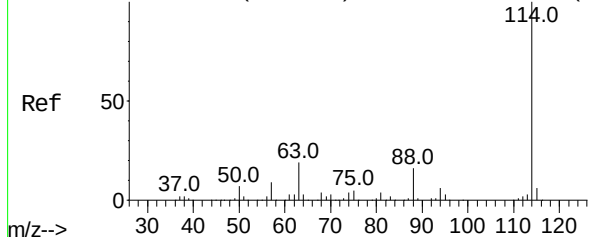
Abundance Scan 1943 (7.987 min): VN065151.D\data.ms (-1787) (-)



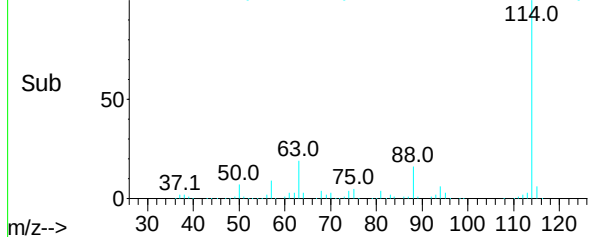
Abundance Scan 2117 (8.547 min): VN065141.D\data.ms (-2102) (-)

1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

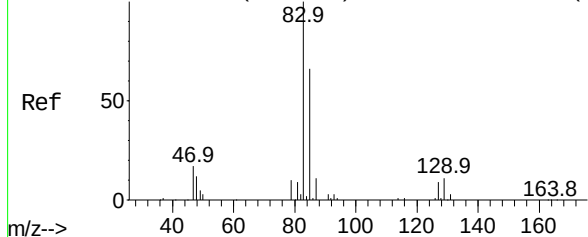
Tgt Ion: 114 Resp: 469312
Ion Ratio Lower Upper
114 100
63 18.6 18.5 27.7
88 15.7 13.0 19.6



Abundance Scan 2118 (8.550 min): VN065151.D\data.ms (-1961) (-)



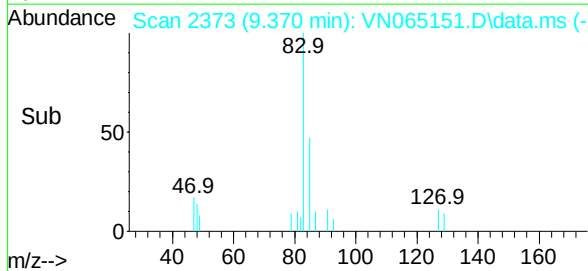
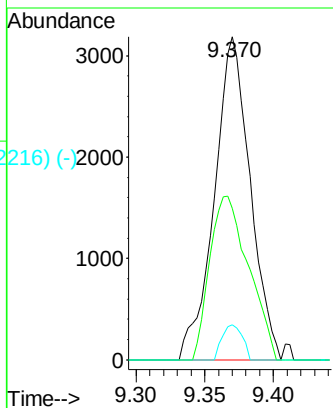
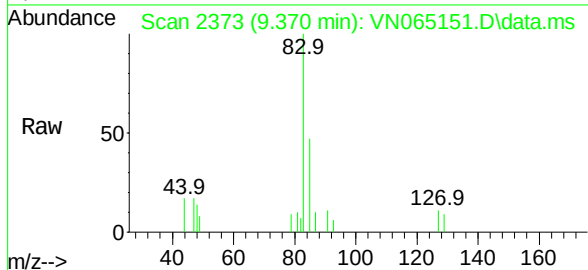
Abundance Scan 2372 (9.367 min): VN065141.D\data.ms (-23581-)



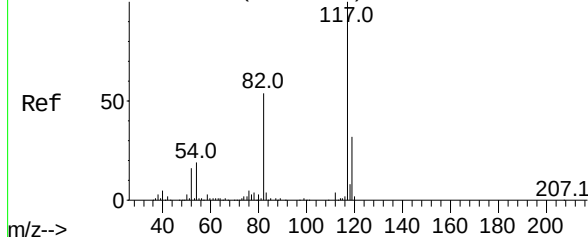
Bromodichloromethane
Concen: 0.68 ug/l
RT: 9.370 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Instrument :
MSVOA_N
ClientSampled :
14B-2

Tgt Ion:	83	Resp:	5773
Ion	Ratio	Lower	Upper
83	100		
85	47.0	51.0	76.4#
127	11.0	6.2	9.4#

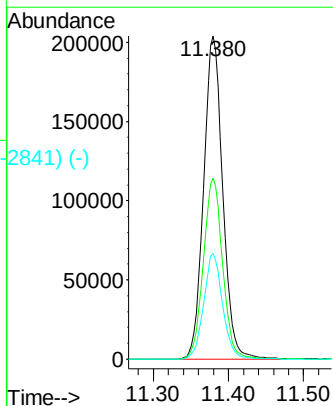
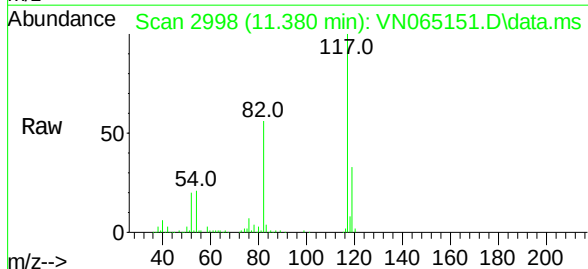


Abundance Scan 2997 (11.376 min): VN065141.D\data.ms (-2953) (-)

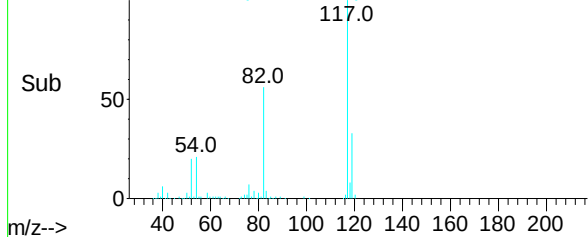


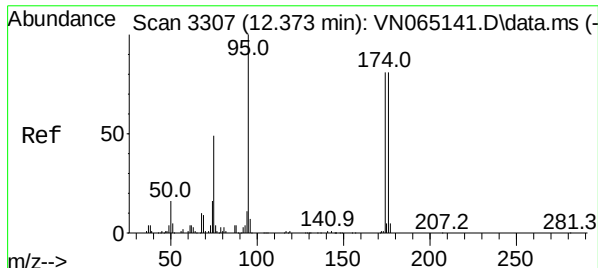
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN065151.D
Acq: 15 Dec 2020 18:58

Tgt Ion:	117	Resp:	360056
Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.8	71.8
119	32.3	25.7	38.5



Abundance Scan 2998 (11.380 min): VN065151.D\data.ms (-2841) (-)

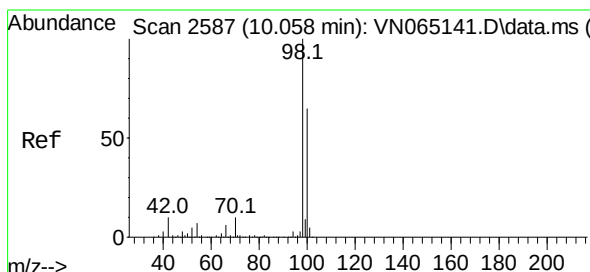
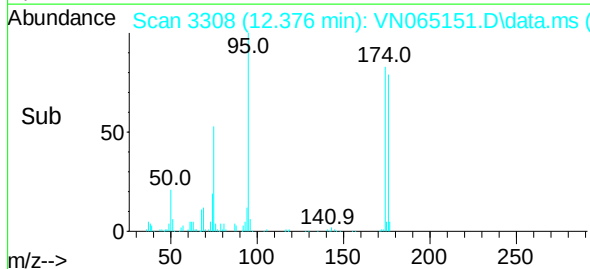
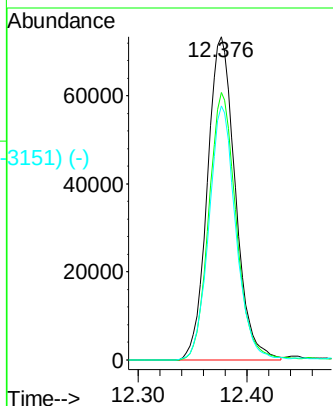
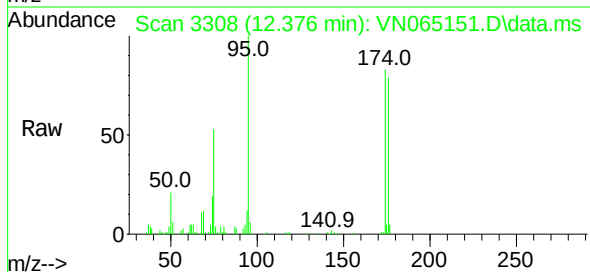




Scan 3307 (12.373 min): VN065141.D\data.ms (-3250) (-)
 4-Bromofluorobenzene
 Concen: 23.11 ug/l
 RT: 12.376 min Scan# 3308
 Delta R.T. 0.003 min
 Lab File: VN065151.D
 Acq: 15 Dec 2020 18:58

Instrument :
 MSVOA_N
 ClientSampled :
 14B-2

Tgt Ion:	95	Resp:	130714
Ion	Ratio	Lower	Upper
95	100		
174	80.8	56.4	84.6
176	75.3	53.3	79.9



Scan 2587 (10.058 min): VN065141.D\data.ms (-2562) (-)
 Toluene-d8
 Concen: 29.09 ug/l
 RT: 10.061 min Scan# 2588
 Delta R.T. 0.003 min
 Lab File: VN065151.D
 Acq: 15 Dec 2020 18:58

Tgt Ion:	98	Resp:	505657
Ion	Ratio	Lower	Upper
98	100		
100	62.4	49.4	74.2

