

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050453.D
 Acq On : 8 Aug 2018 12:46
 Operator : MD\SY
 Sample : VN0808WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Quant Time: Aug 08 15:10:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	897065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1370191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1208831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	481654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	550206	45.91	ug/l	0.00
Spiked Amount						
			Recovery	=	91.82%	
35) Dibromofluoromethane	7.59	113	513633	46.72	ug/l	0.00
Spiked Amount						
			Recovery	=	93.44%	
50) Toluene-d8	10.09	98	1913016	46.28	ug/l	0.00
Spiked Amount						
			Recovery	=	92.56%	
62) 4-Bromofluorobenzene	12.40	95	582738	41.36	ug/l	0.00
Spiked Amount						
			Recovery	=	82.72%	

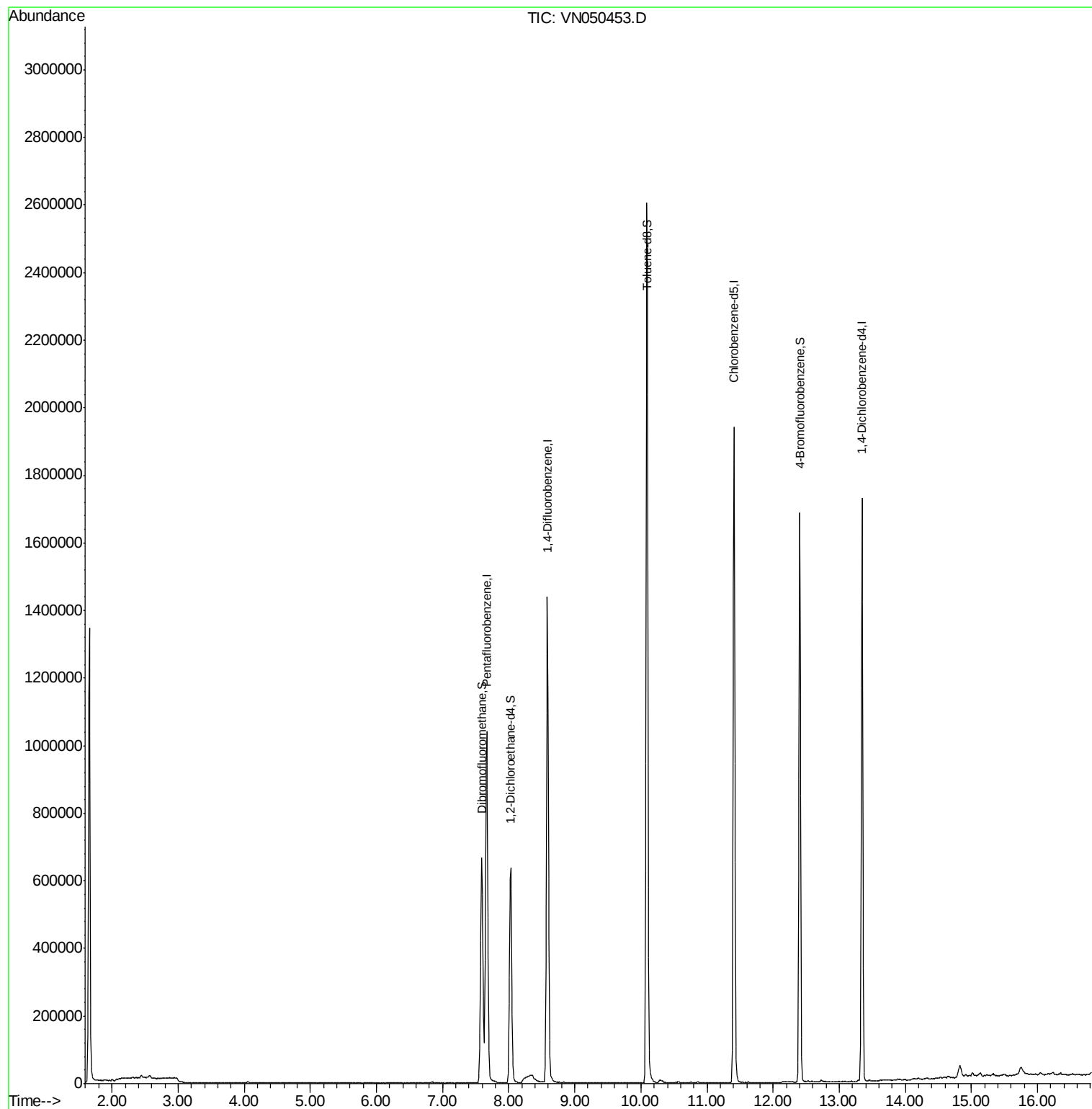
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
94) Hexachlorobutadiene	15.01	225	1259	Below Cal		86

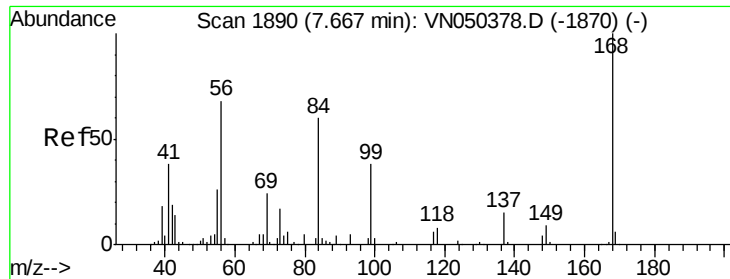
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050453.D

Acq: 8 Aug 2018 12:46

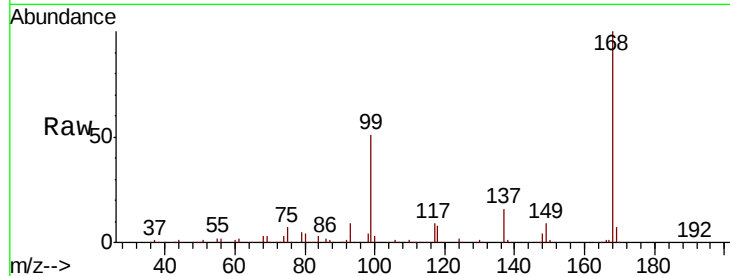
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

Tot Ion:168 Resp: 897065

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

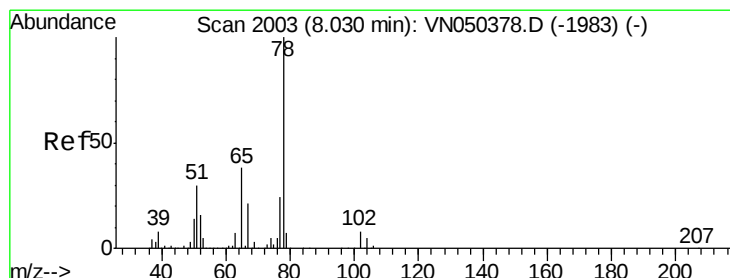
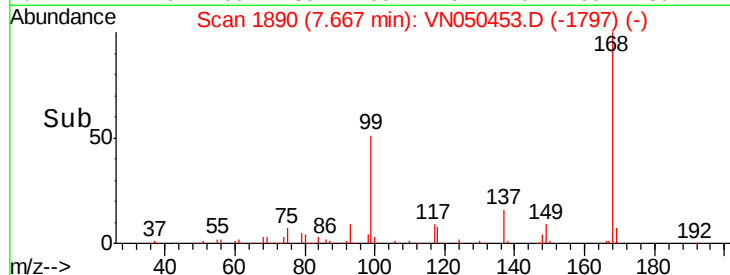
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.91 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050453.D

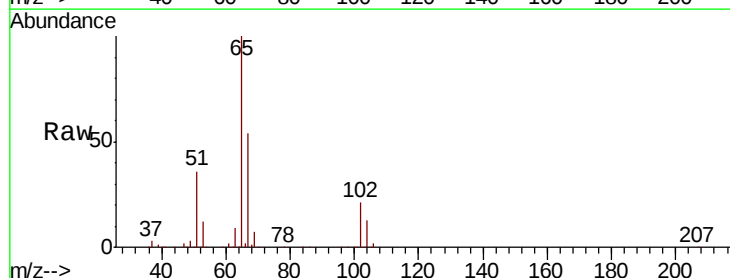
Acq: 8 Aug 2018 12:46

Tgt Ion: 65 Resp: 550206

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

250000

200000

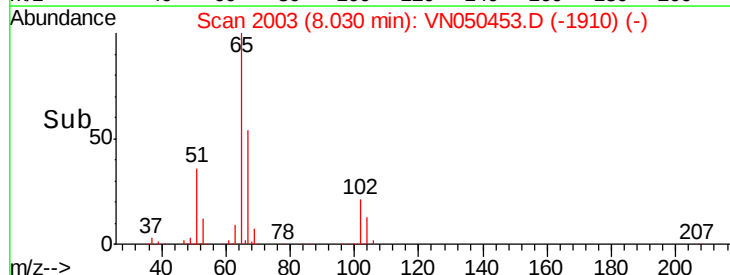
150000

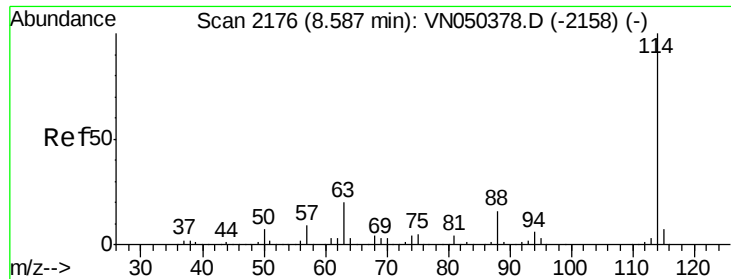
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Time-->

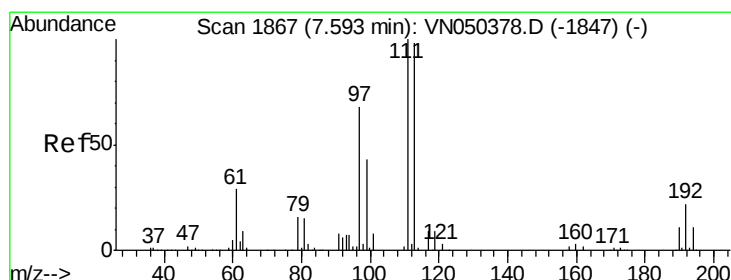
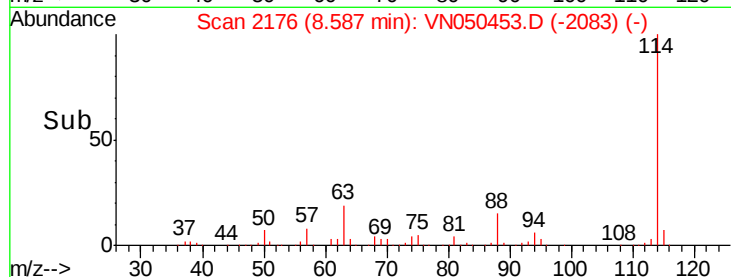
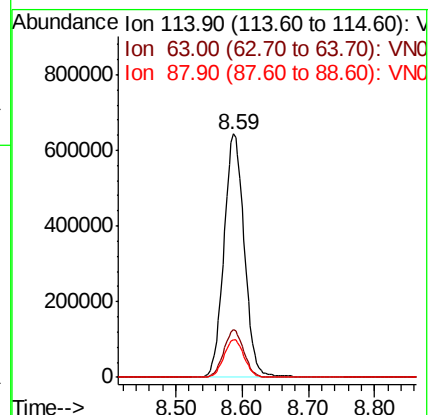
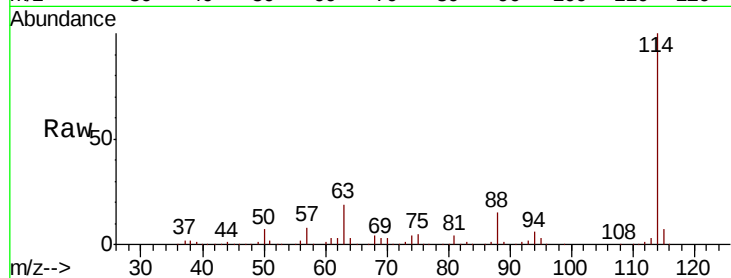




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050453.D
 Acq: 8 Aug 2018 12:46

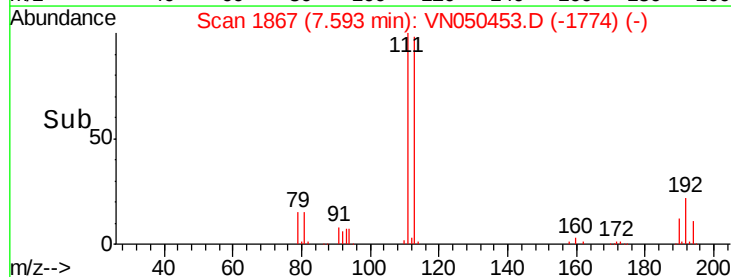
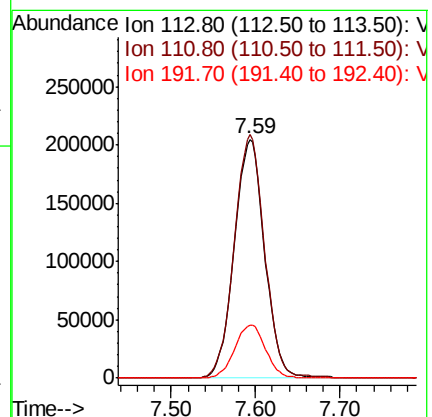
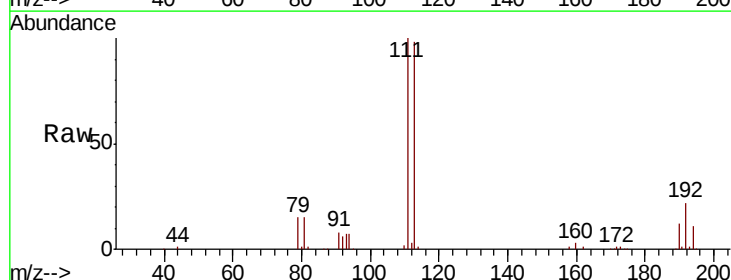
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

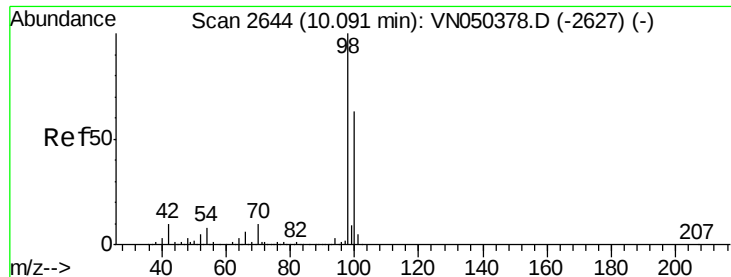
Tot Ion:114 Resp: 1370191
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.3 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 46.72 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050453.D
 Acq: 8 Aug 2018 12:46

Tgt Ion:113 Resp: 513633
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.6 17.8 26.6

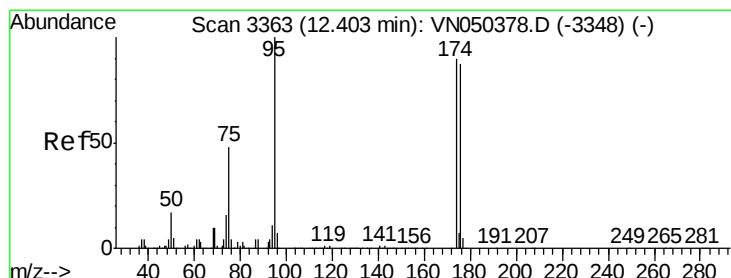
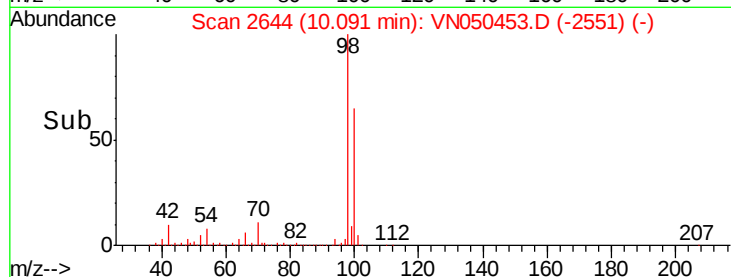
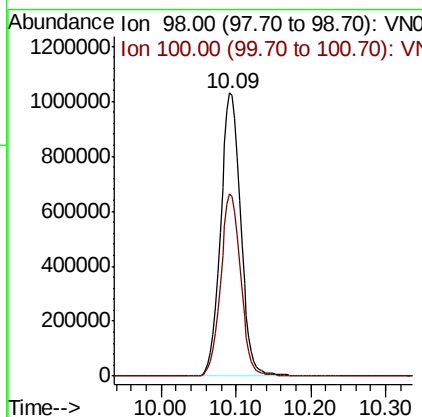
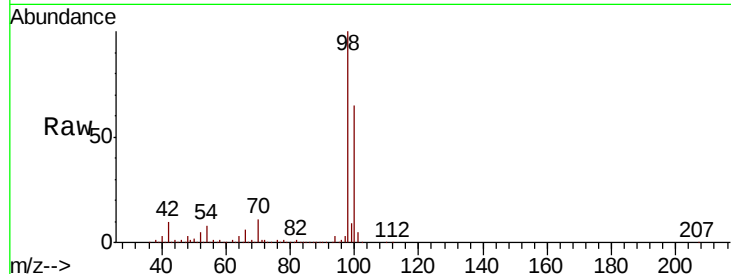




#50
Toluene-d8
Concen: 46.28 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050453.D
Acq: 8 Aug 2018 12:46

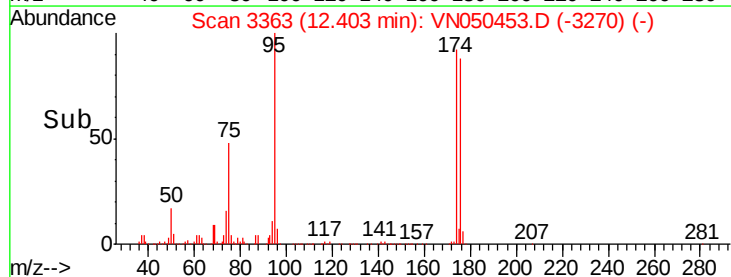
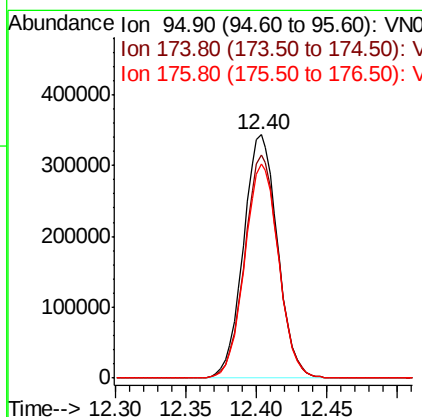
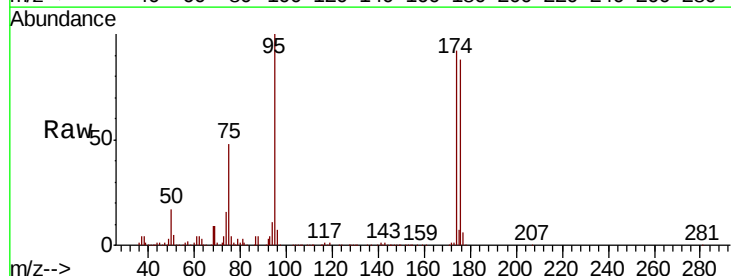
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

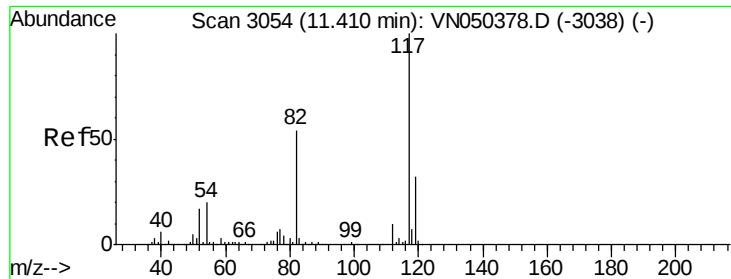
Tot Ion: 98 Resp: 1913016
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 41.36 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050453.D
Acq: 8 Aug 2018 12:46

Tgt Ion: 95 Resp: 582738
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 87.6 0.0 173.4

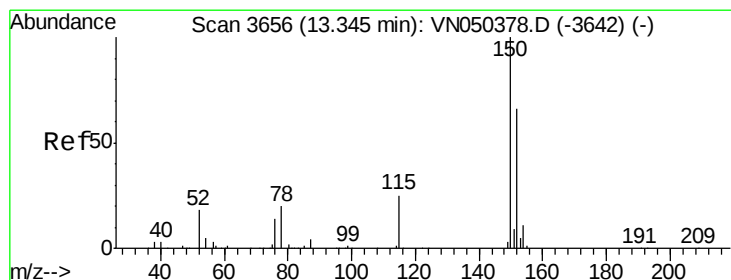
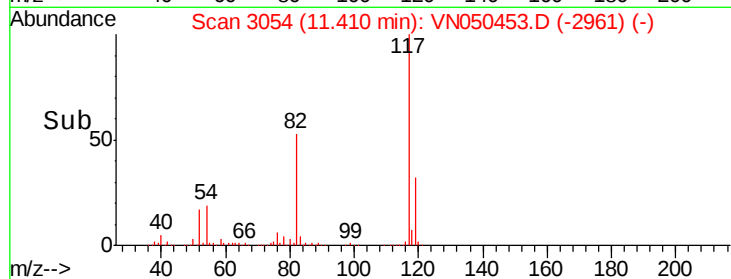
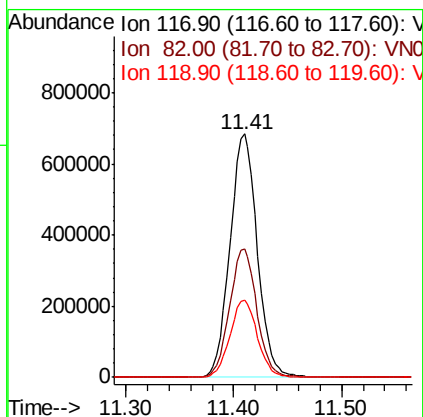
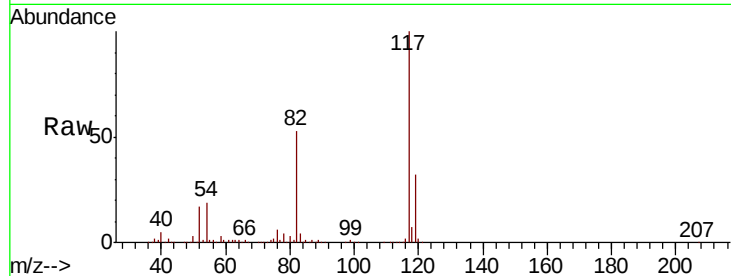




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050453.D
Acq: 8 Aug 2018 12:46

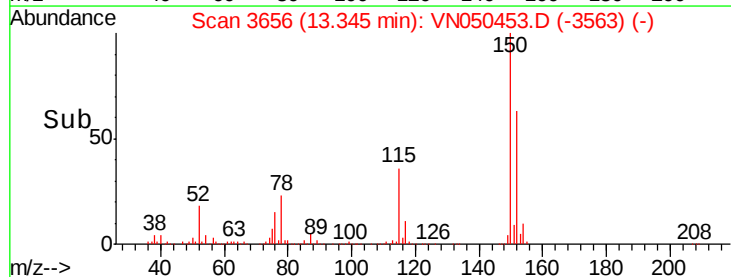
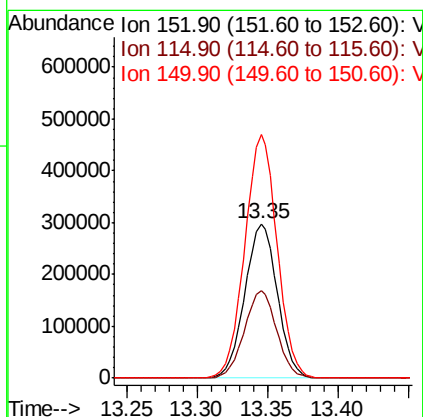
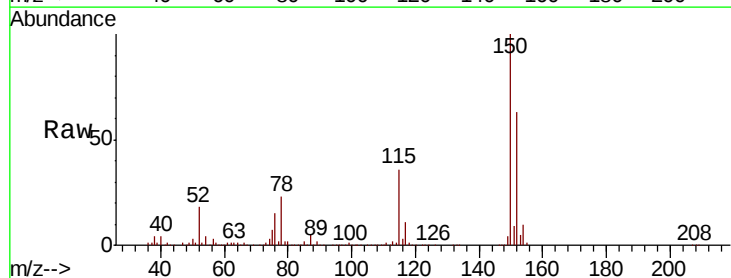
Instrument :
MSVOA_N
ClientSampleId :
VN0808WBL01

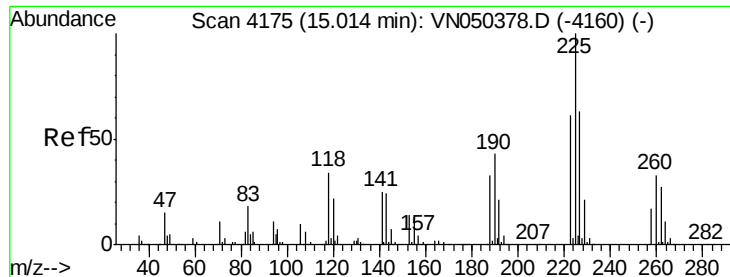
Tot Ion:117 Resp: 1208831
Ion Ratio Lower Upper
117 100
82 52.9 43.7 65.5
119 31.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050453.D
Acq: 8 Aug 2018 12:46

Tgt Ion:152 Resp: 481654
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 156.4 0.0 348.6





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050453.D
 Acq: 8 Aug 2018 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0808WBL01

Tot Ion	Ratio	Lower	Upper
225	100		
223	52.8	31.4	94.2
227	51.9	32.1	96.5

