

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062466.D
 Acq On : 20 May 2019 19:58
 Operator : FY/SY
 Sample : K2894-20
 Misc : 4.92g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-11-12

Quant Time: May 21 03:53:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	691378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	964295	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	748442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	356063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	219730	29.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.38%	
35) Dibromofluoromethane	6.94	113	289946	33.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.66%	
50) Toluene-d8	10.42	98	619835	32.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.12%	
62) 4-Bromofluorobenzene	13.57	95	251051	30.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.30%	

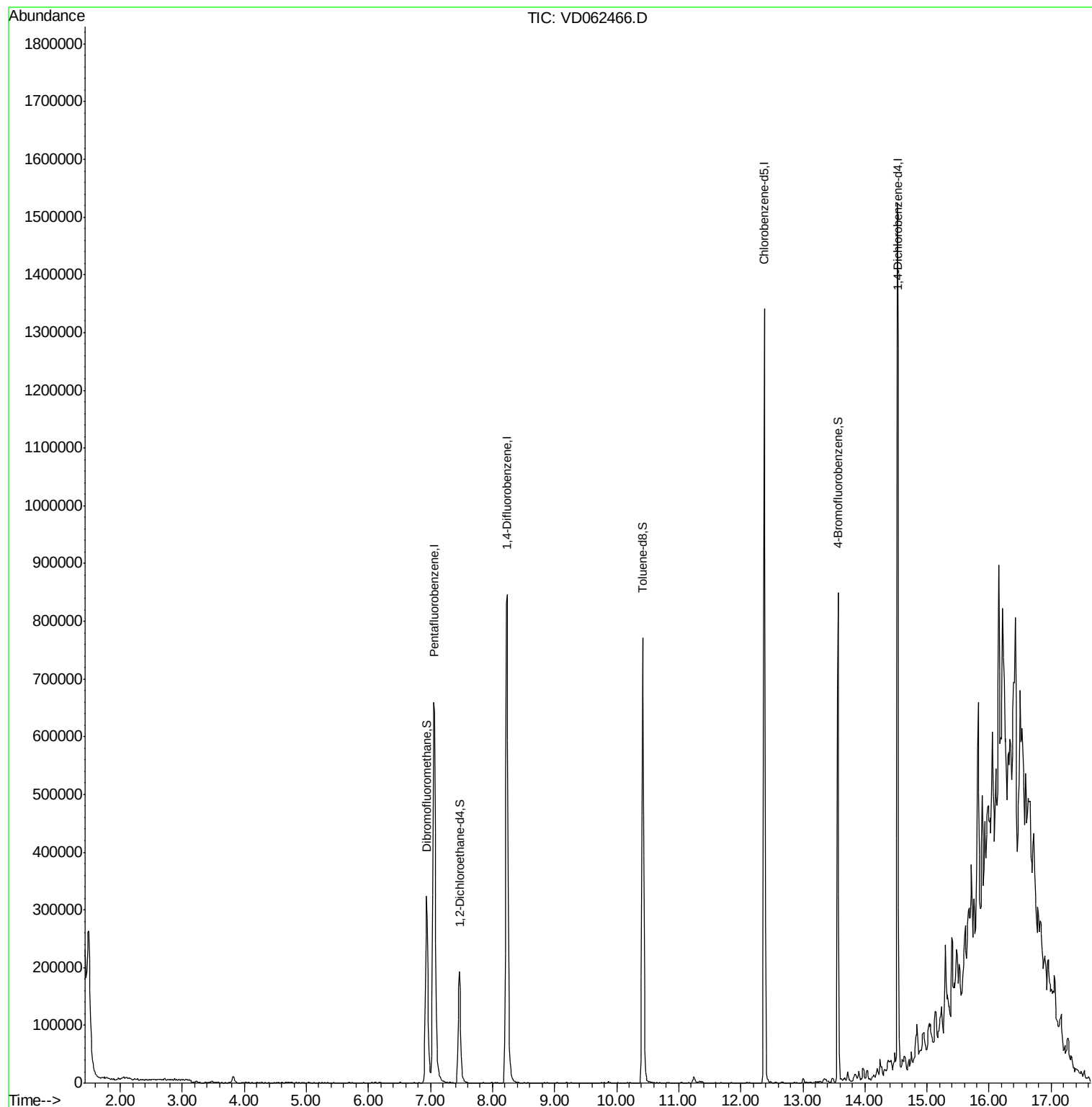
Target Compounds	Qvalue

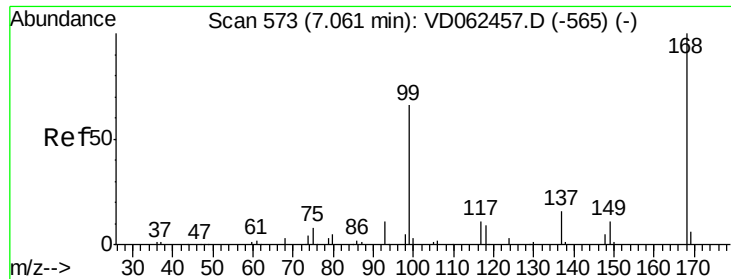
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.00 min

Lab File: VD062466.D

Acq: 20 May 2019 19:58

Instrument :

MSVOA_D

ClientSampleId :

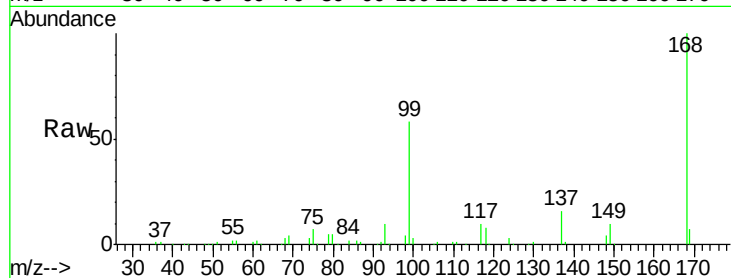
SB-01-11-12

Tot Ion:168 Resp: 691378

Ion Ratio Lower Upper

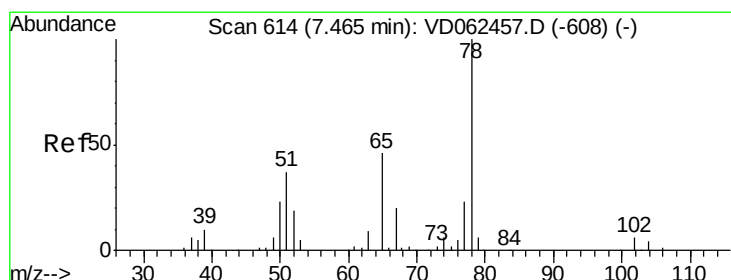
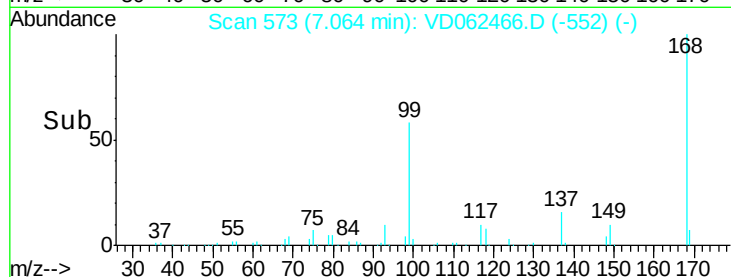
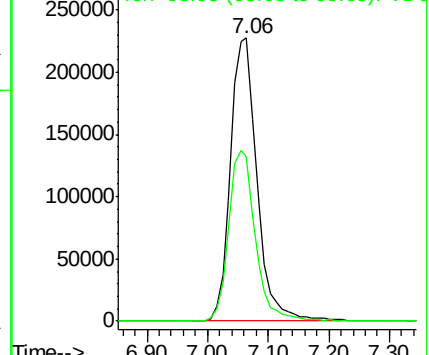
168 100

99 58.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 29.690 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062466.D

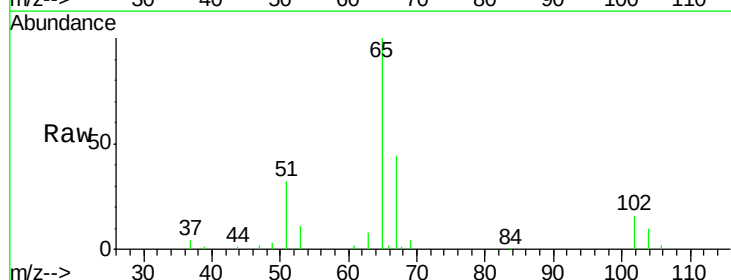
Acq: 20 May 2019 19:58

Tgt Ion: 65 Resp: 219730

Ion Ratio Lower Upper

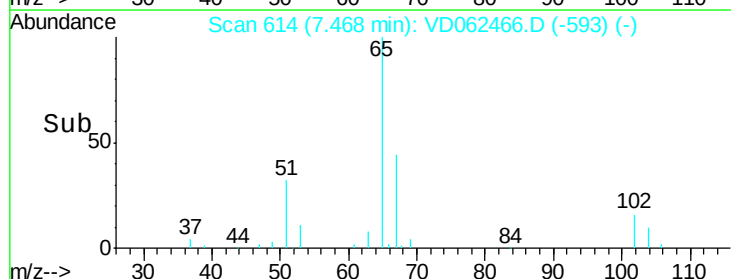
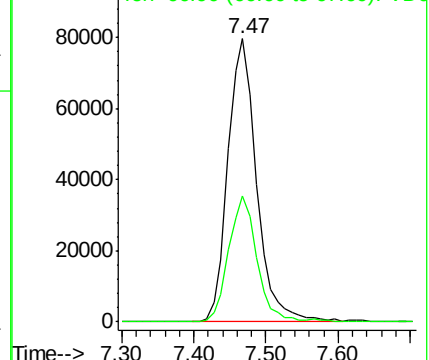
65 100

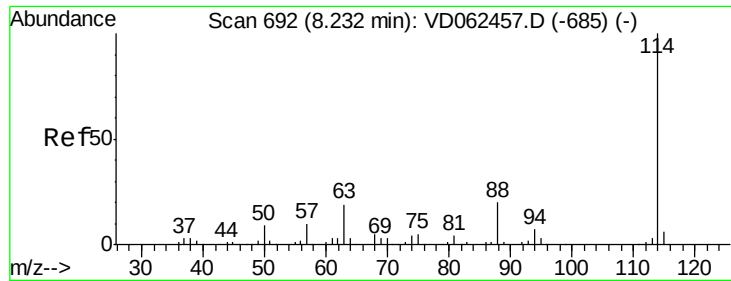
67 44.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

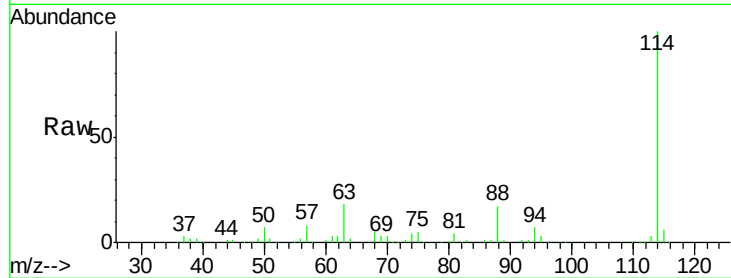




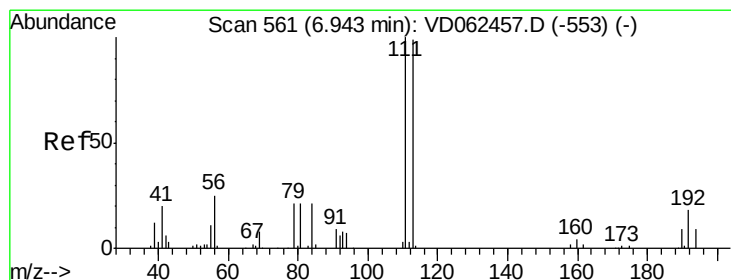
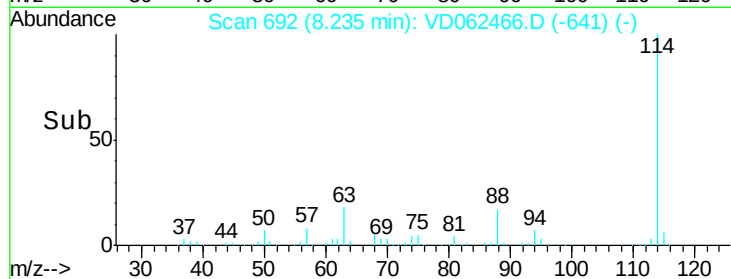
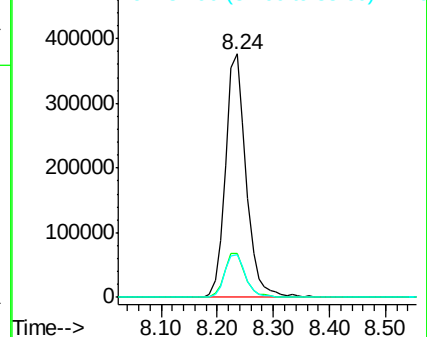
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VD062466.D
 Acq: 20 May 2019 19:58

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-11-12

Tot Ion:114 Resp: 964295
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 32.4
 88 17.3 0.0 33.6

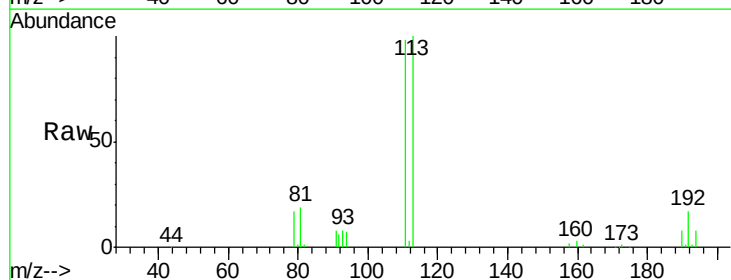


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

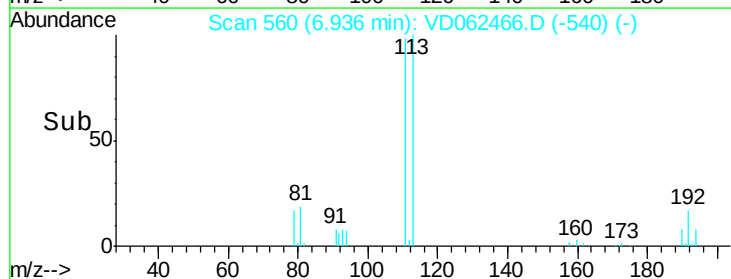
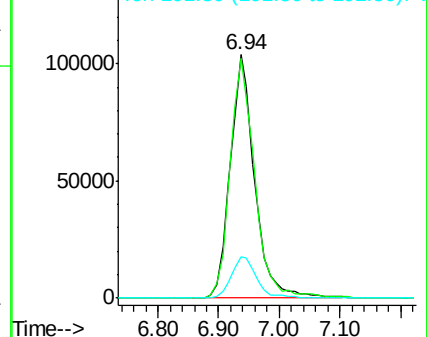


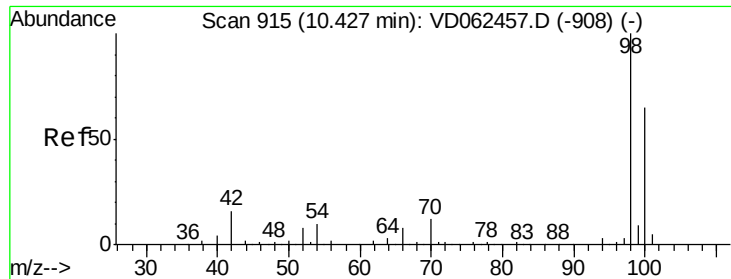
#35
 Dibromofluoromethane
 Concen: 33.331 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD062466.D
 Acq: 20 May 2019 19:58

Tgt Ion:113 Resp: 289946
 Ion Ratio Lower Upper
 113 100
 111 98.4 78.5 117.7
 192 16.8 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

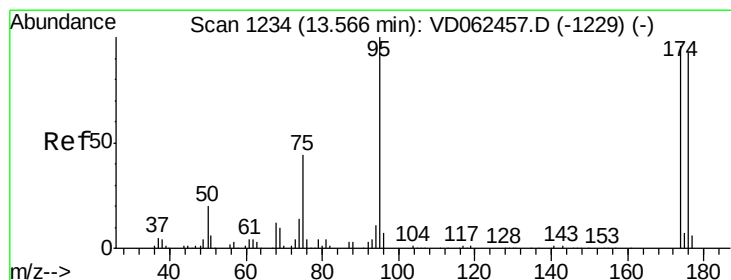
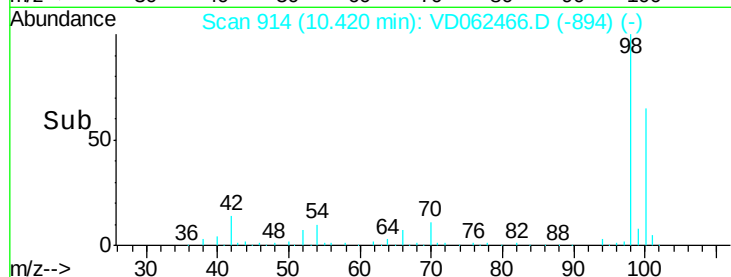
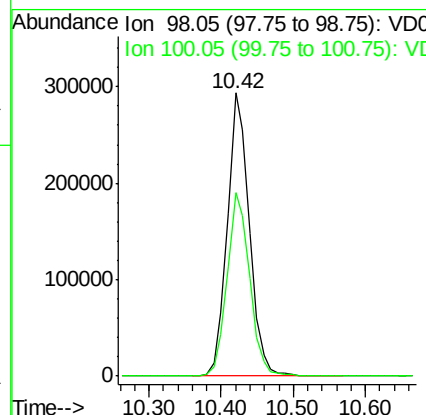
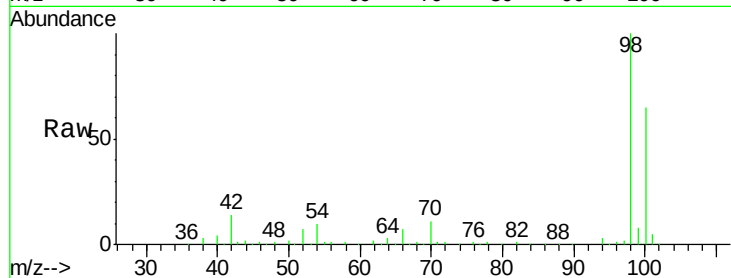




#50
Toluene-d8
Concen: 32.559 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD062466.D
Acq: 20 May 2019 19:58

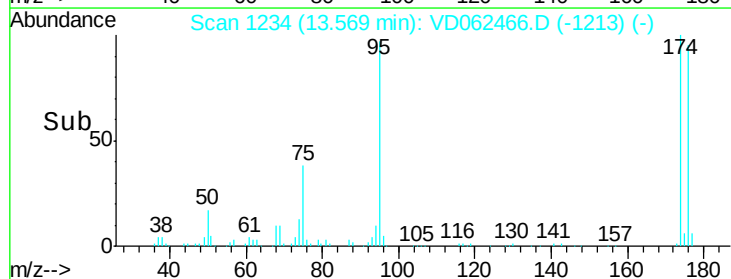
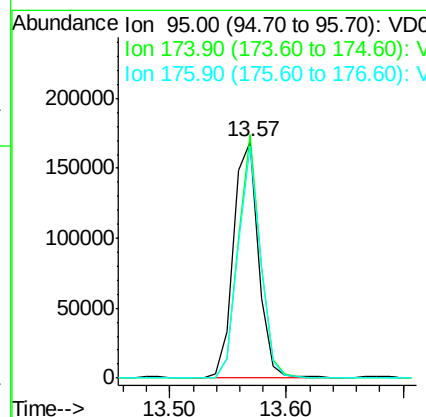
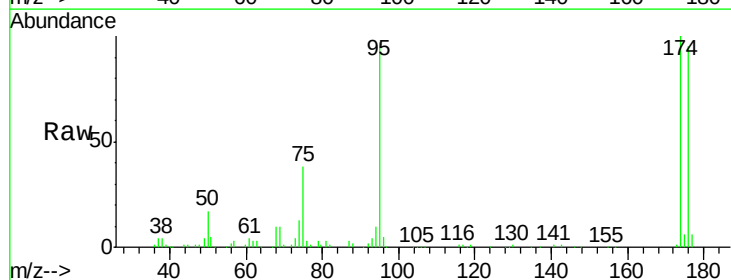
Instrument :
MSVOA_D
ClientSampleId :
SB-01-11-12

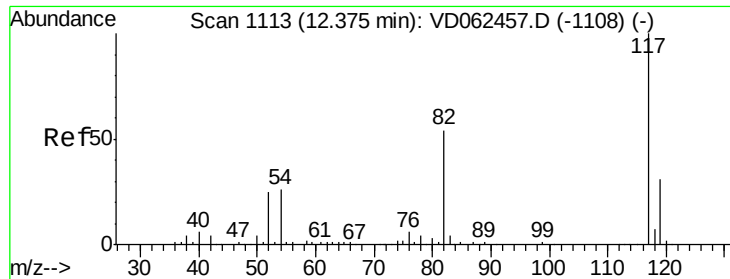
Tot Ion: 98 Resp: 619835
Ion Ratio Lower Upper
98 100
100 64.8 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 30.147 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VD062466.D
Acq: 20 May 2019 19:58

Tgt Ion: 95 Resp: 251051
Ion Ratio Lower Upper
95 100
174 103.1 0.0 181.8
176 98.3 0.0 174.4

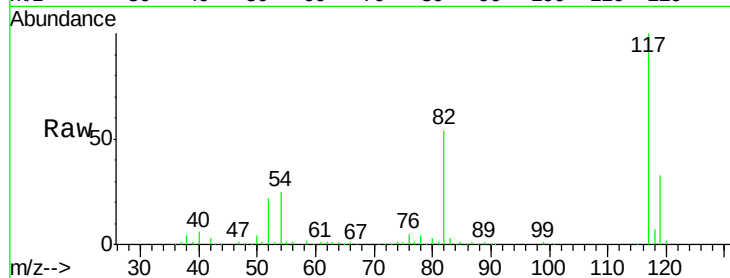




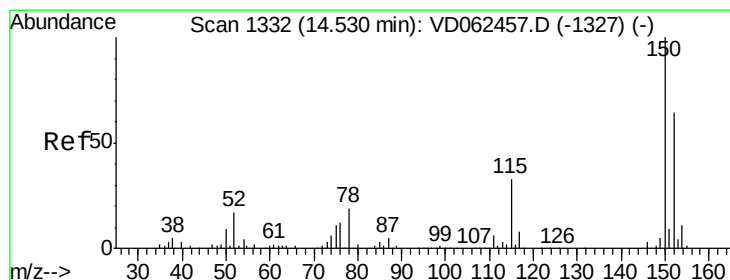
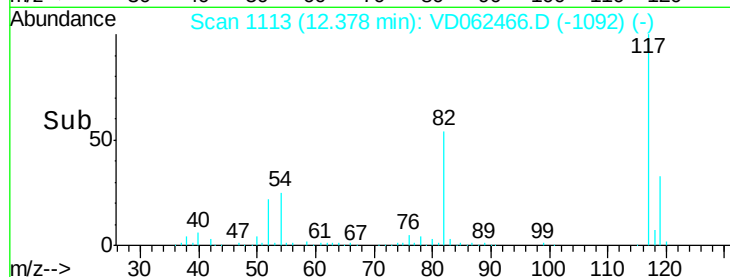
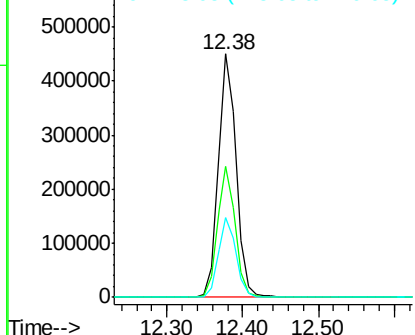
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062466.D
Acq: 20 May 2019 19:58

Instrument :
MSVOA_D
ClientSampleId :
SB-01-11-12

Tot Ion:117 Resp: 748442
Ion Ratio Lower Upper
117 100
82 53.6 36.2 54.2
119 32.6 26.2 39.4

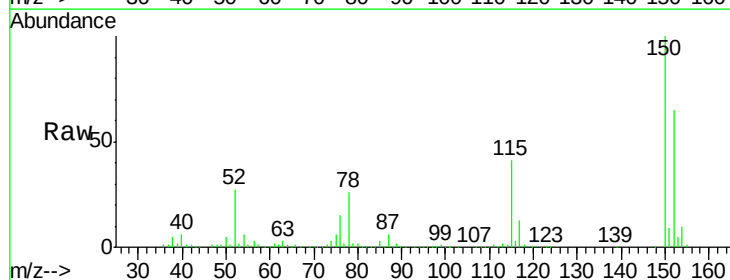


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062466.D
Acq: 20 May 2019 19:58

Tgt Ion:152 Resp: 356063
Ion Ratio Lower Upper
152 100
115 63.8 30.9 92.7
150 153.9 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

