

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121719\
 Data File : VD064537.D
 Acq On : 17 Dec 2019 11:13
 Operator : VA/SY
 Sample : VD1217SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBL01

Quant Time: Dec 18 04:49:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	512655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	807854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	785475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	395463	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	228105	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
35) Dibromofluoromethane	7.92	113	247060	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.34	98	979422	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.64	95	345080	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

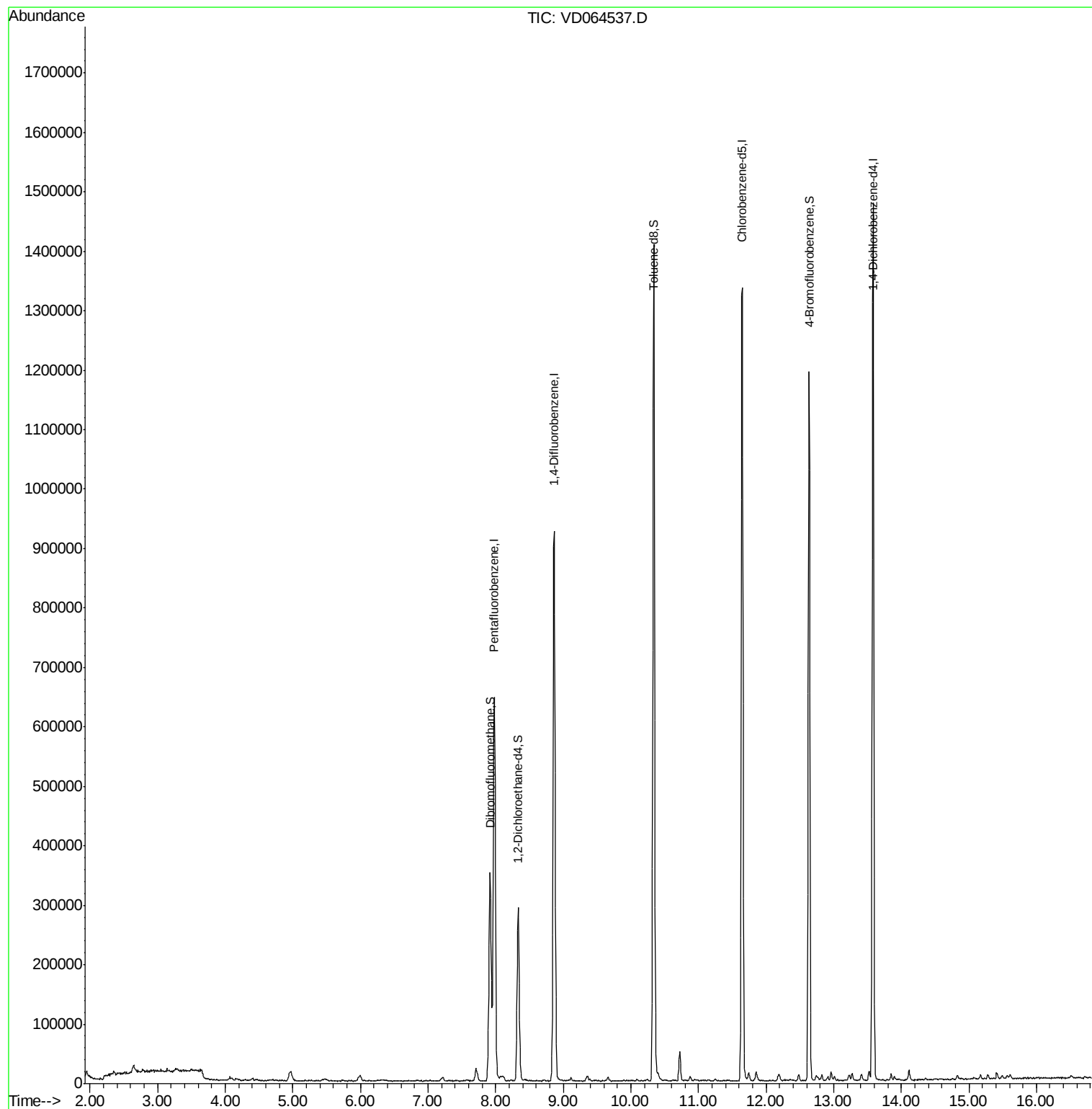
Target Compounds	Qvalue
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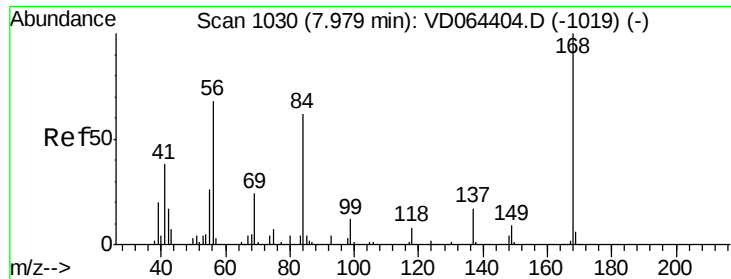
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064537.D

Acq: 17 Dec 2019 11:13

Instrument :

MSVOA_D

ClientSampleId :

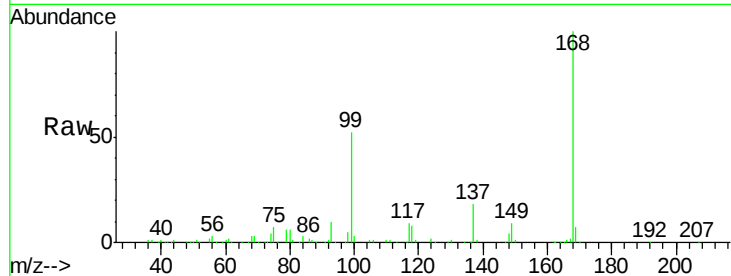
VD1217SBL01

Tot Ion:168 Resp: 512655

Ion Ratio Lower Upper

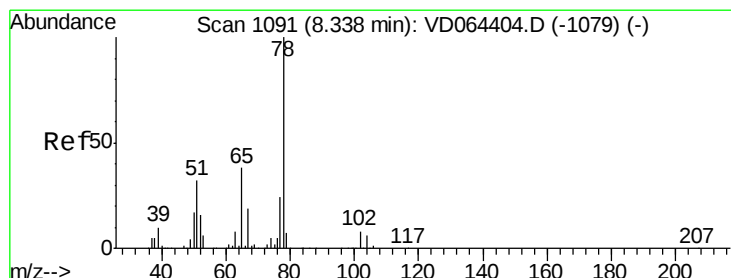
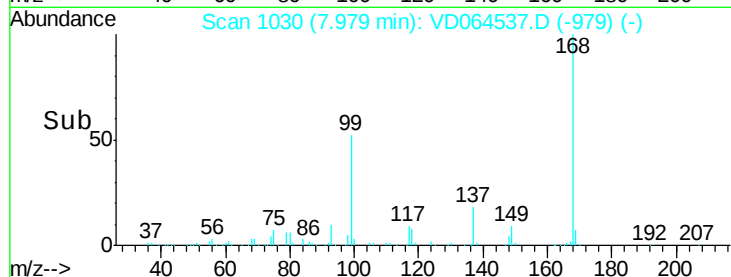
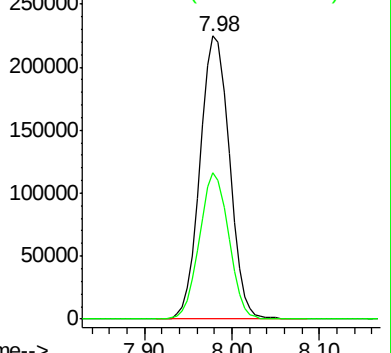
168 100

99 51.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.158 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064537.D

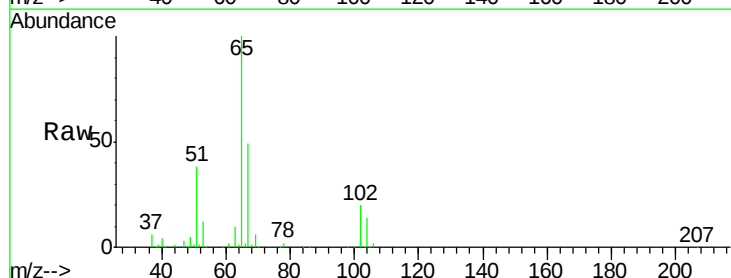
Acq: 17 Dec 2019 11:13

Tgt Ion: 65 Resp: 228105

Ion Ratio Lower Upper

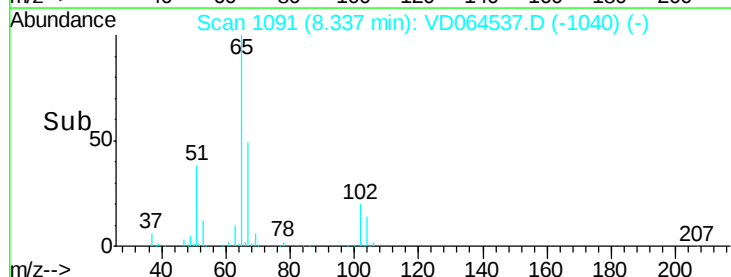
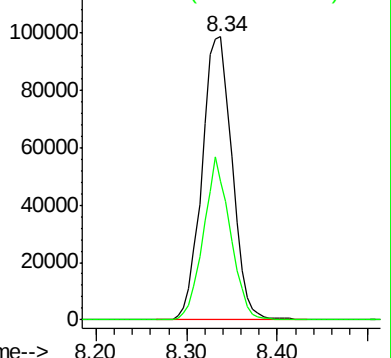
65 100

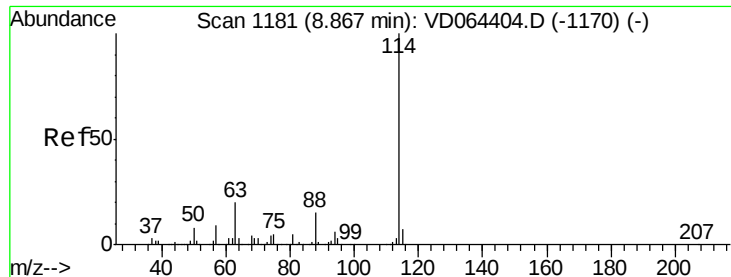
67 51.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

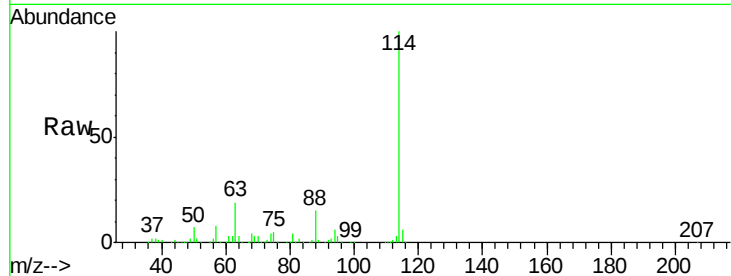




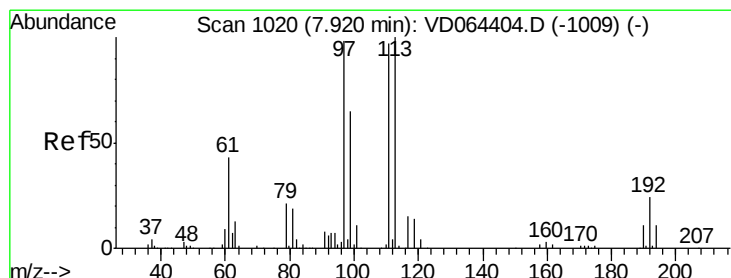
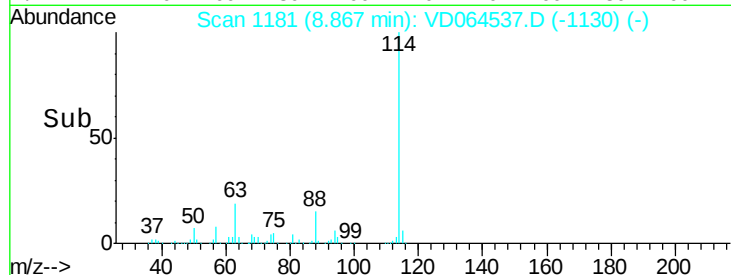
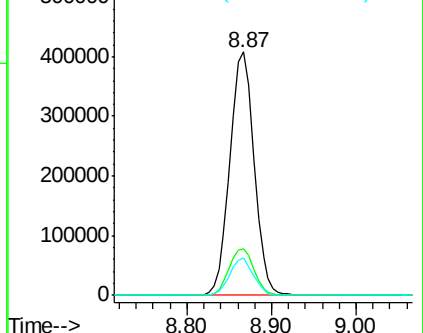
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064537.D
 Acq: 17 Dec 2019 11:13

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.0
88	15.2	0.0	29.2

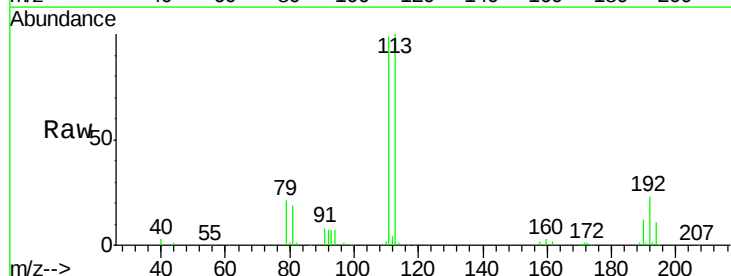


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

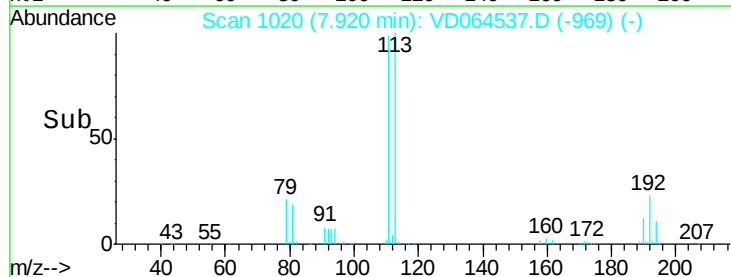
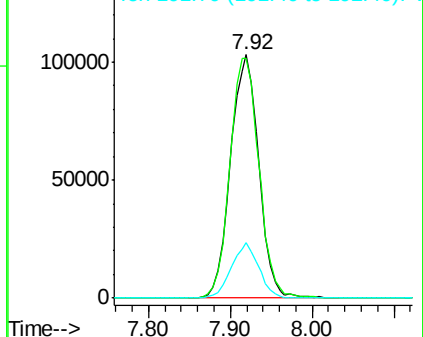


#35
 Dibromofluoromethane
 Concen: 48.539 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064537.D
 Acq: 17 Dec 2019 11:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	79.4	119.2
192	22.1	18.6	28.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

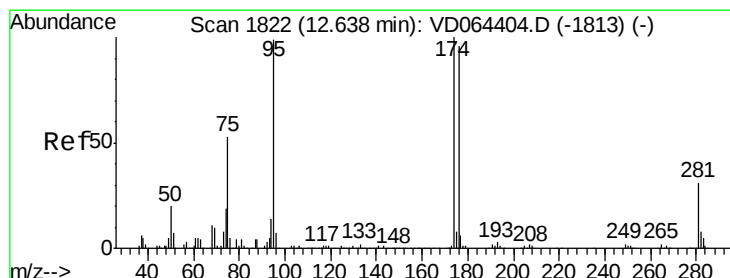
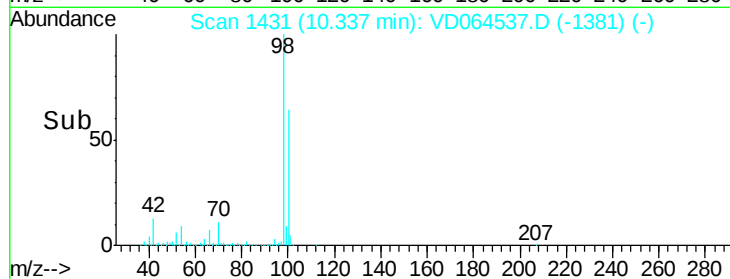
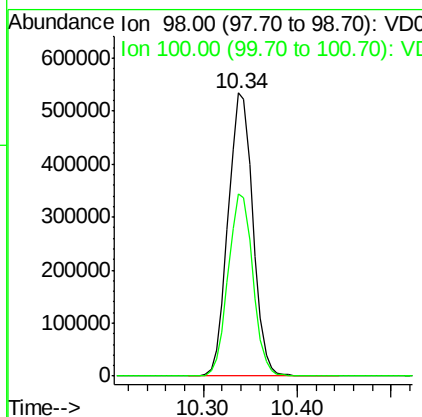
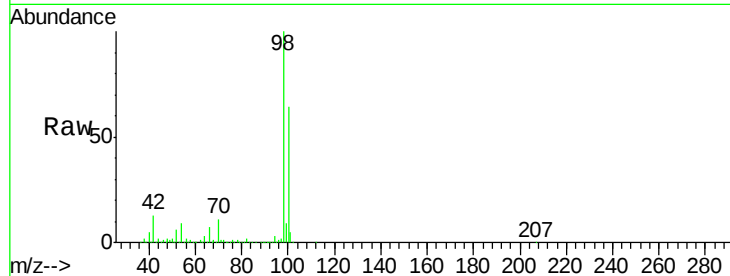




#50
Toluene-d8
Concen: 51.083 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

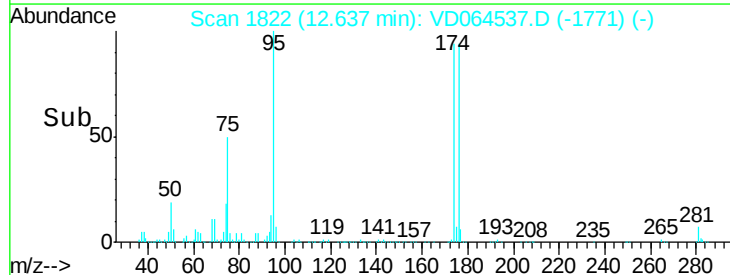
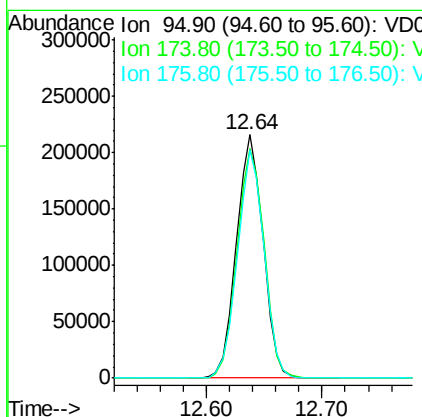
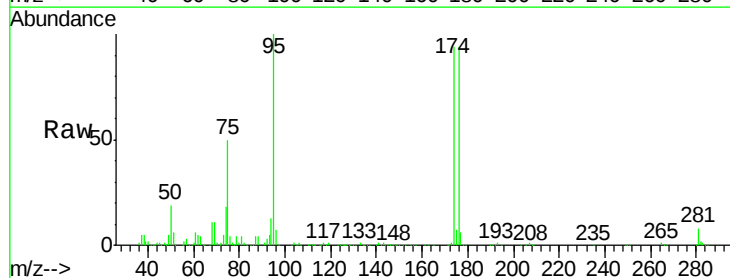
Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

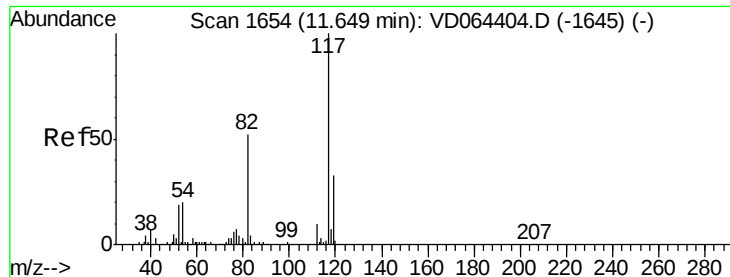
Tot Ion: 98 Resp: 979422
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 56.004 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Tgt Ion: 95 Resp: 345080
Ion Ratio Lower Upper
95 100
174 96.3 0.0 197.2
176 93.3 0.0 189.6

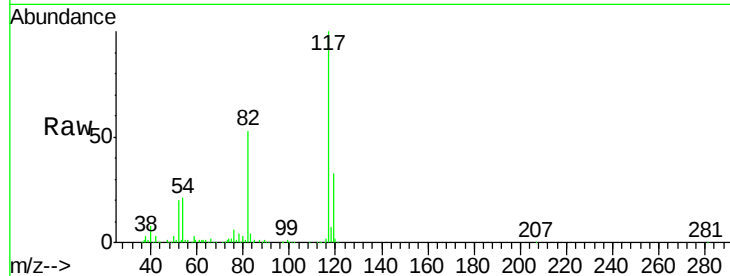




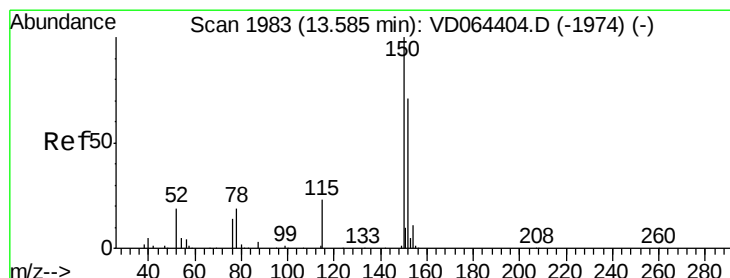
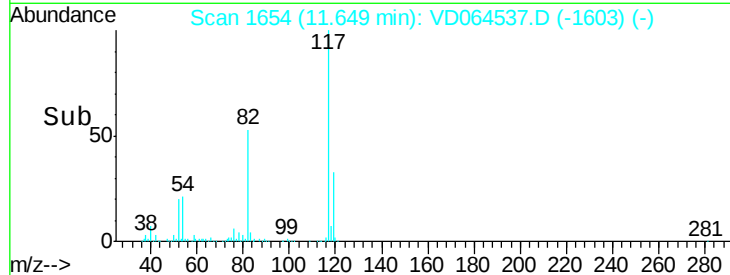
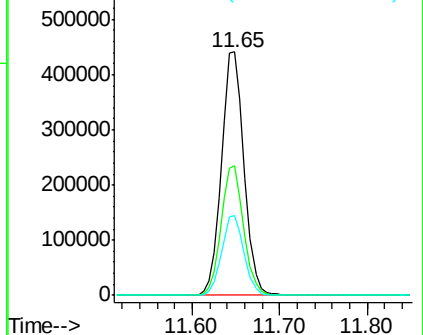
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.4	62.2
119	32.6	26.2	39.2

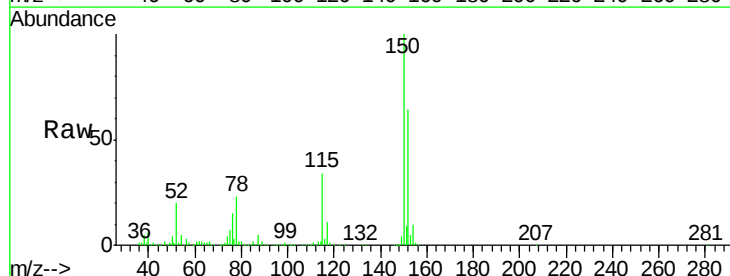


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064537.D
Acq: 17 Dec 2019 11:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.7	80.1
150	156.4	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

