

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061632.D
 Acq On : 5 Apr 2019 20:26
 Operator : VA/AP
 Sample : K2240-02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-(13.5-14)

Quant Time: Apr 06 01:25:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

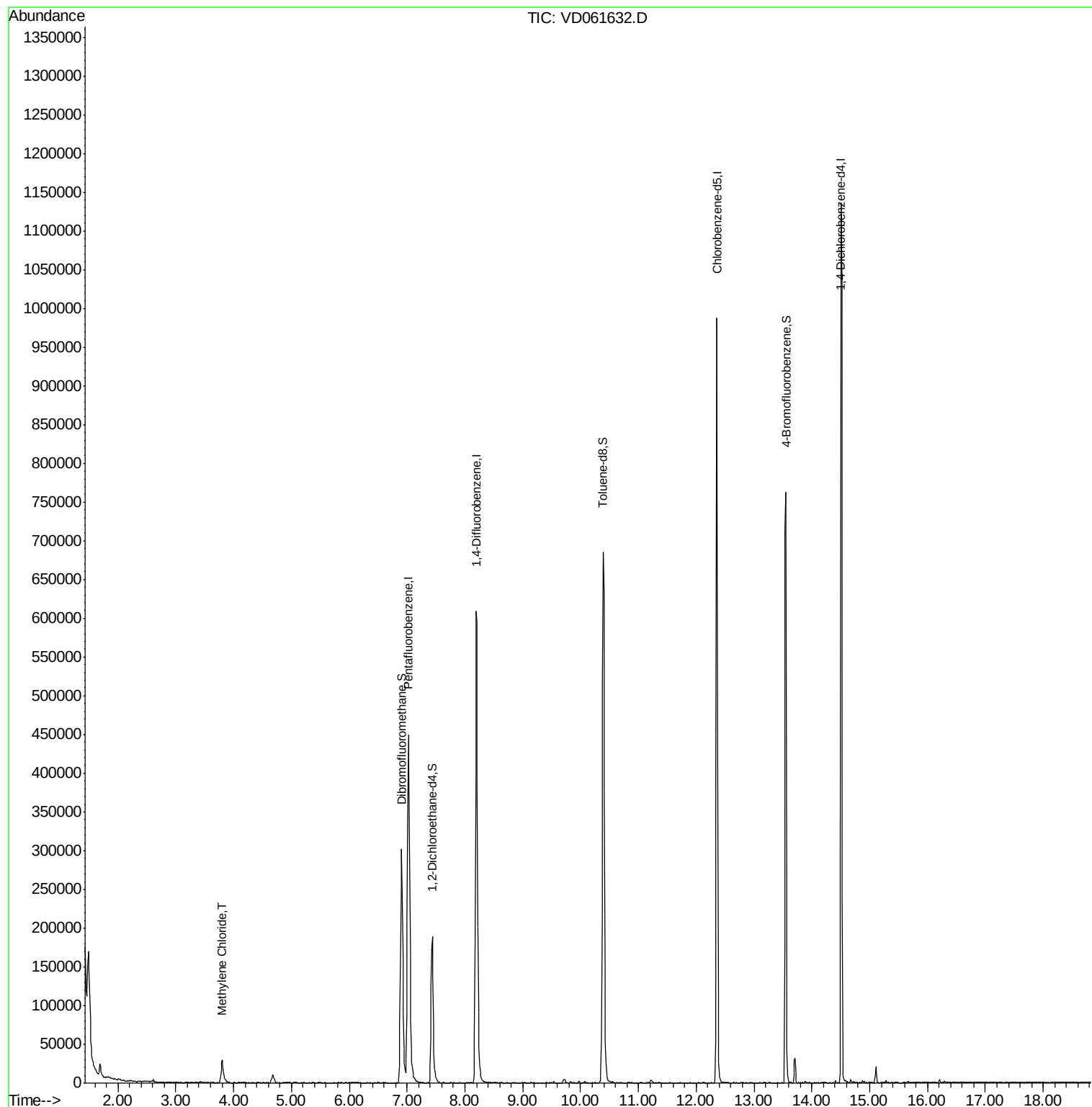
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	471029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	768658	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	665774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	295245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	185674	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
35) Dibromofluoromethane	6.90	113	279429	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.39	98	629847	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
62) 4-Bromofluorobenzene	13.54	95	259129	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
Target Compounds						
20) Methylene Chloride	3.80	84	23859	2.285	ug/l	Qvalue 90

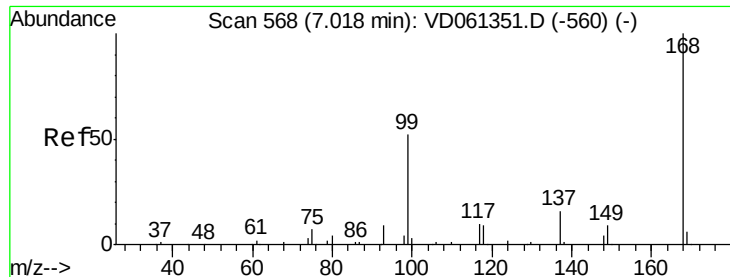
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061632.D

Acq: 5 Apr 2019 20:26

Instrument :

MSVOA_D

ClientSampleId :

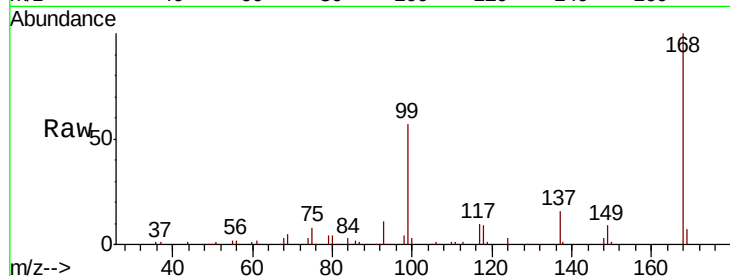
SB-01-(13.5-14)

Tot Ion:168 Resp: 471029

Ion Ratio Lower Upper

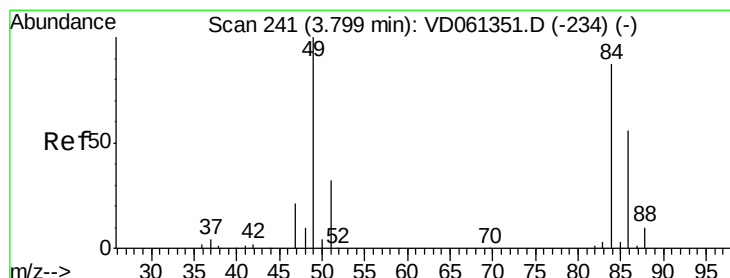
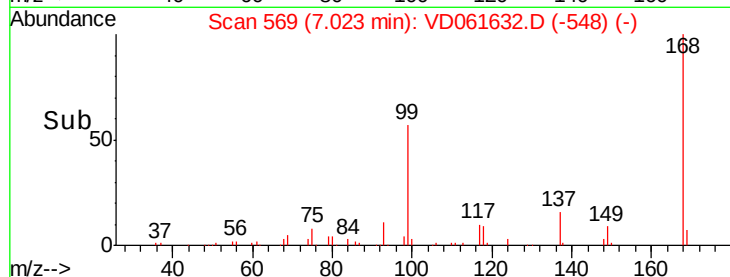
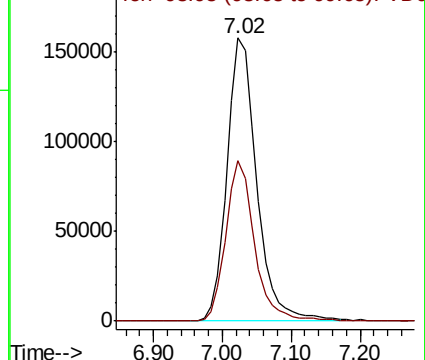
168 100

99 56.8 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.285 ug/l

RT: 3.80 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061632.D

Acq: 5 Apr 2019 20:26

Tgt Ion: 84 Resp: 23859

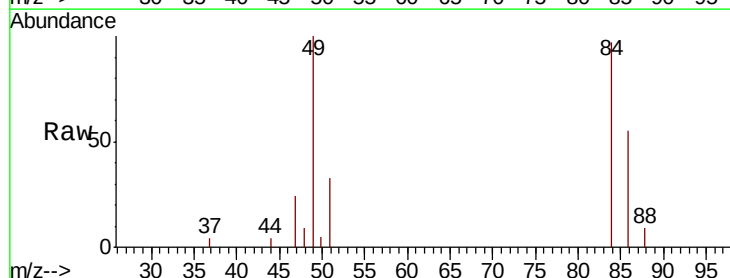
Ion Ratio Lower Upper

84 100

49 103.1 91.8 137.8

51 33.7 29.8 44.8

86 57.2 51.8 77.6

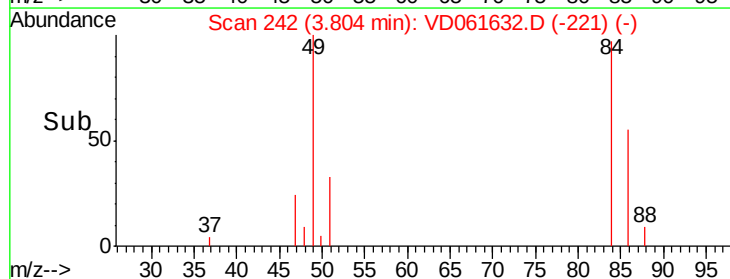
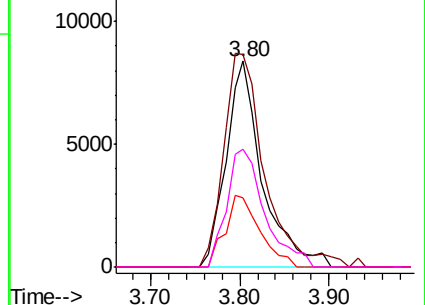


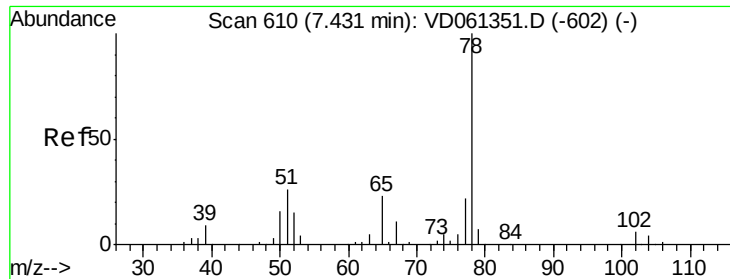
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

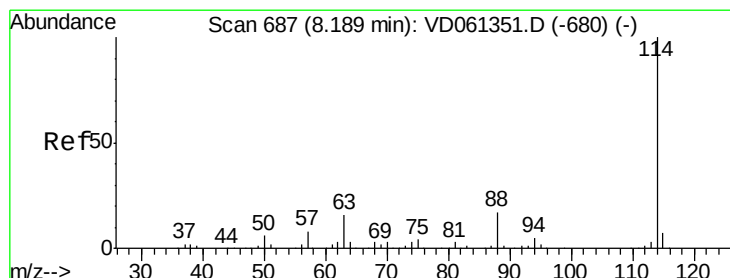
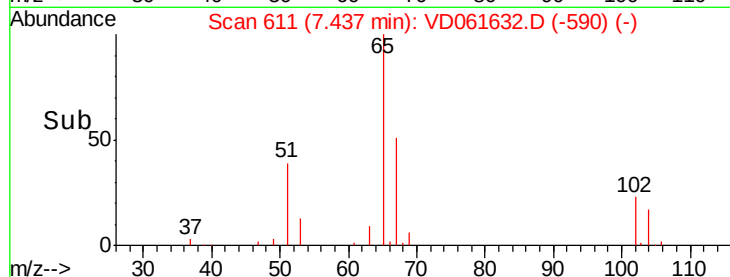
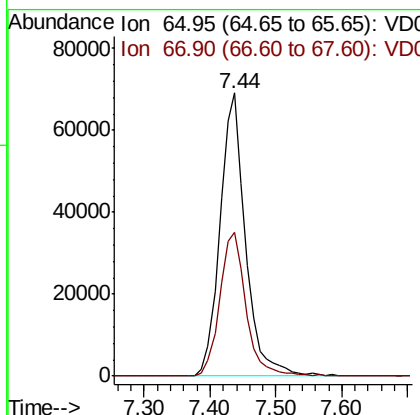
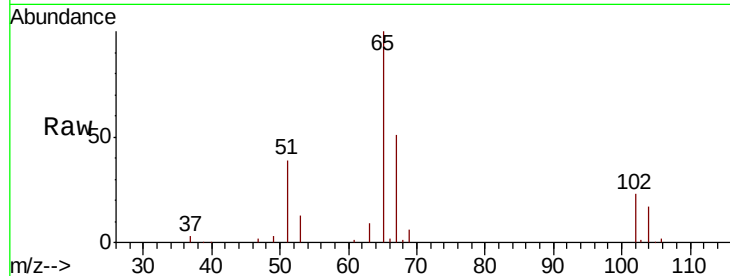




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061632.D
 Acq: 5 Apr 2019 20:26

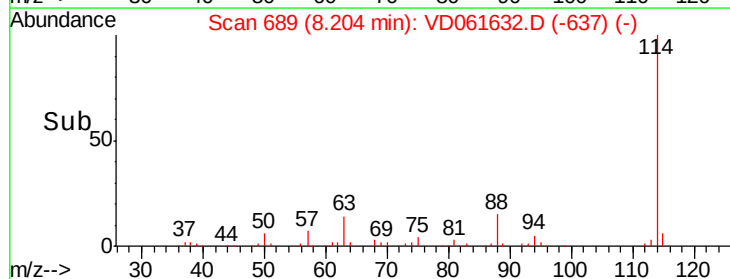
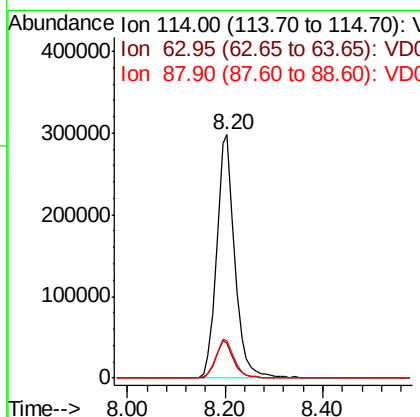
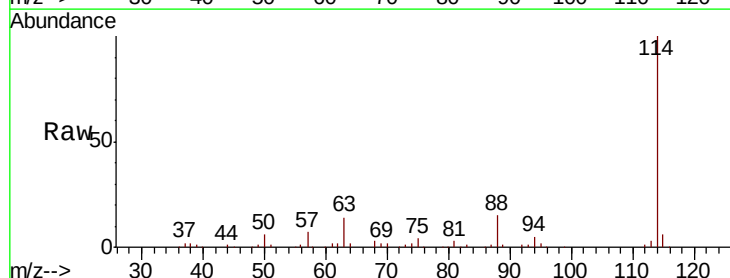
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-(13.5-14)

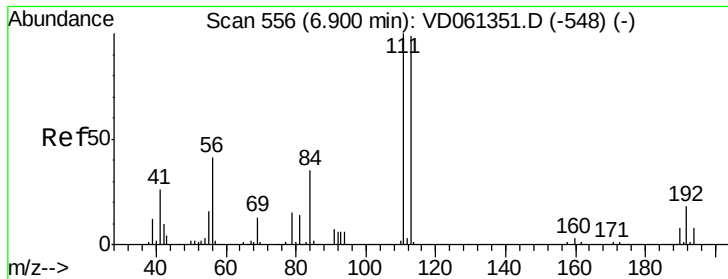
Tot Ion: 65 Resp: 185674
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061632.D
 Acq: 5 Apr 2019 20:26

Tgt Ion: 114 Resp: 768658
 Ion Ratio Lower Upper
 114 100
 63 14.3 0.0 31.6
 88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061632.D

Acq: 5 Apr 2019 20:26

Instrument :

MSVOA_D

ClientSampleId :

SB-01-(13.5-14)

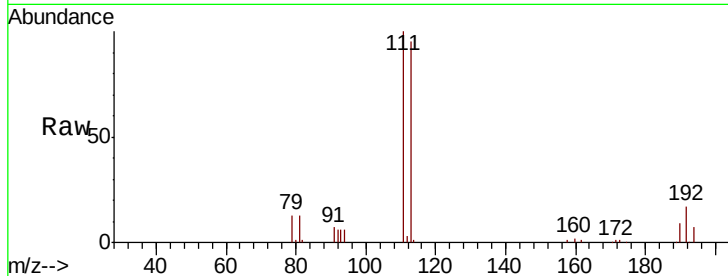
Tot Ion:113 Resp: 279429

Ion Ratio Lower Upper

113 100

111 105.4 81.0 121.6

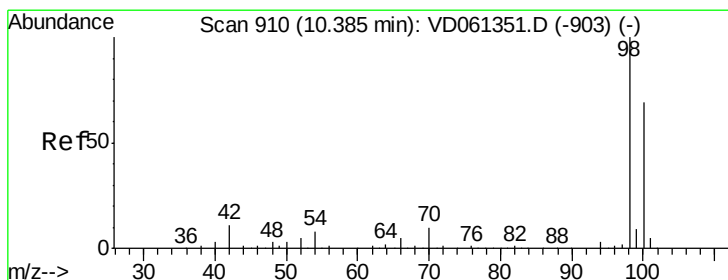
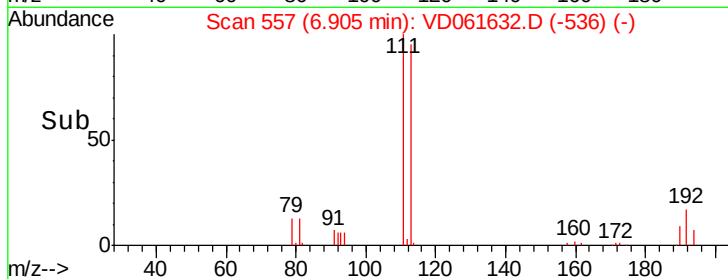
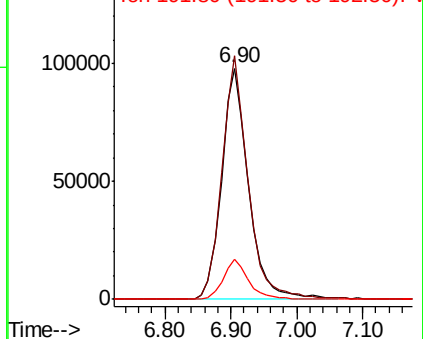
192 17.5 14.4 21.6



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: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.01 min

Lab File: VD061632.D

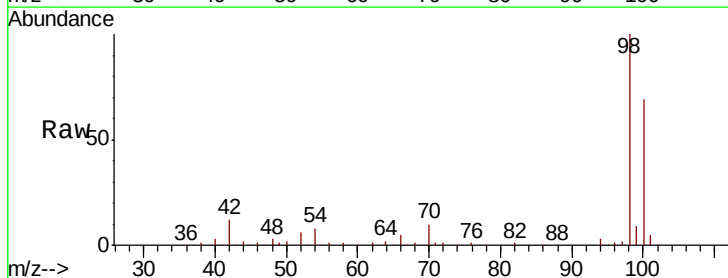
Acq: 5 Apr 2019 20:26

Tgt Ion: 98 Resp: 629847

Ion Ratio Lower Upper

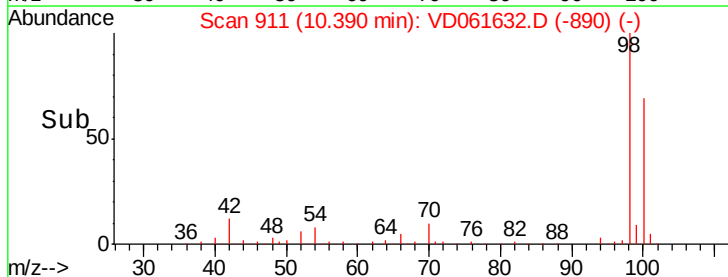
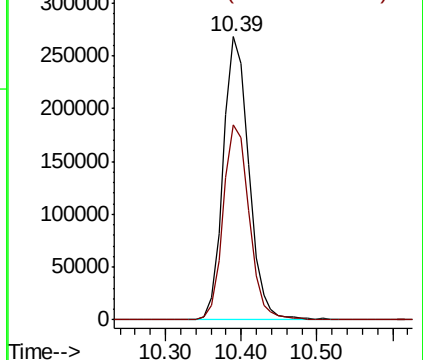
98 100

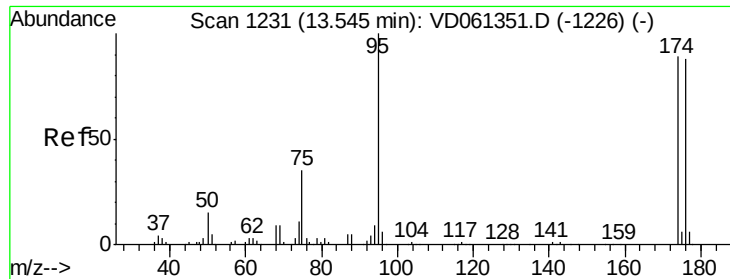
100 68.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

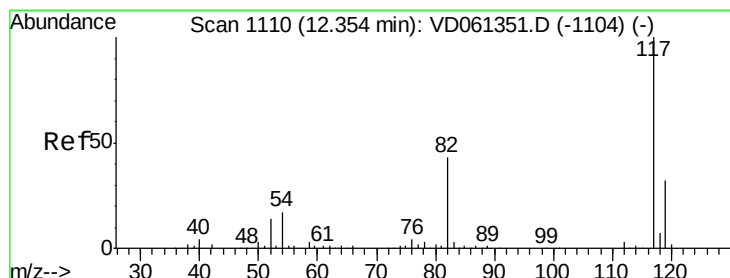
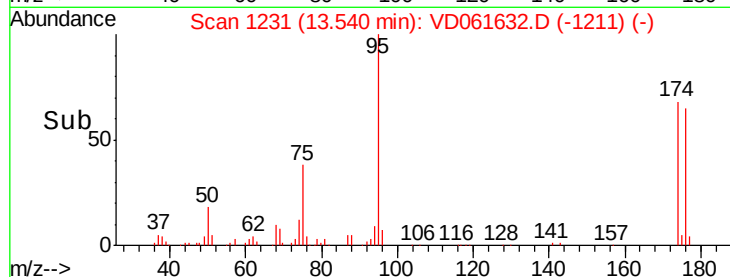
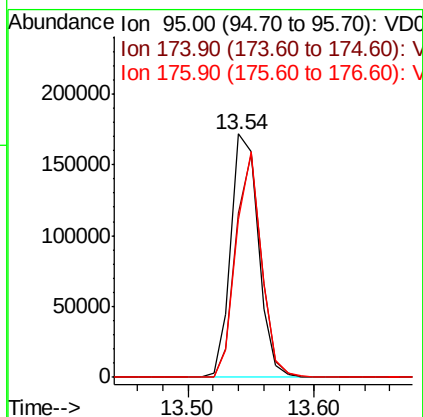
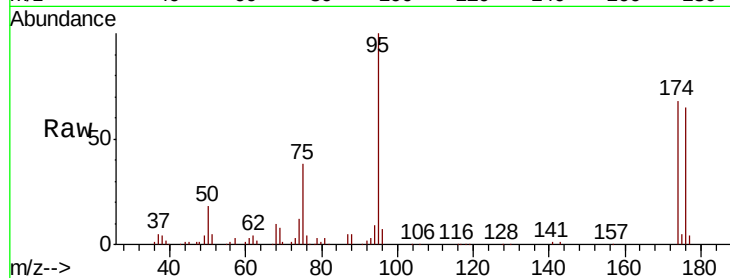




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061632.D
Acq: 5 Apr 2019 20:26

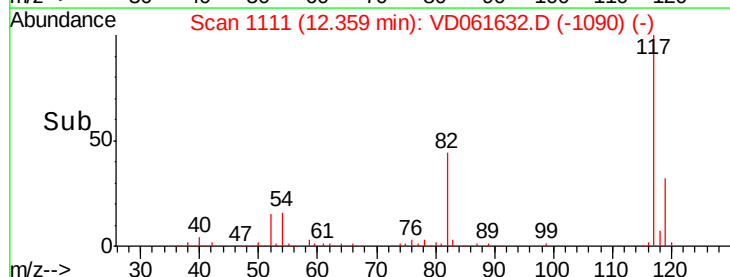
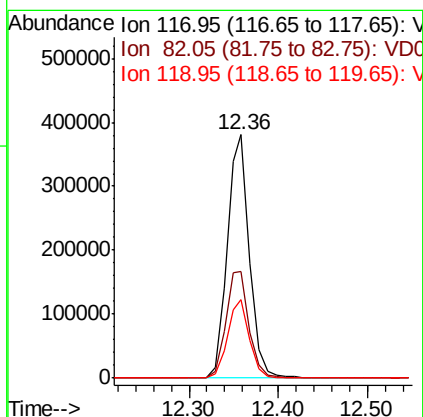
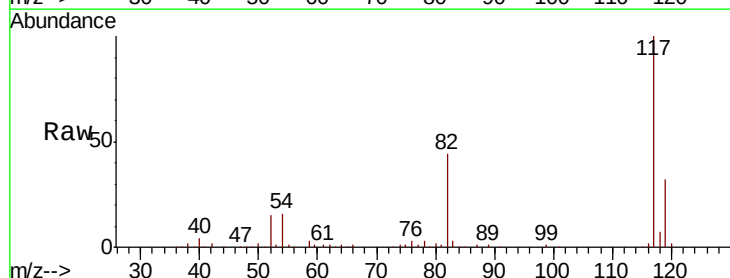
Instrument :
MSVOA_D
ClientSampleId :
SB-01-(13.5-14)

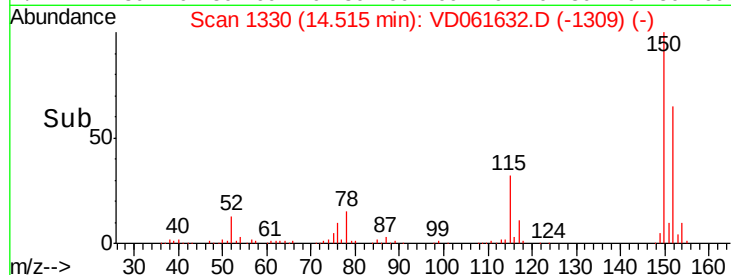
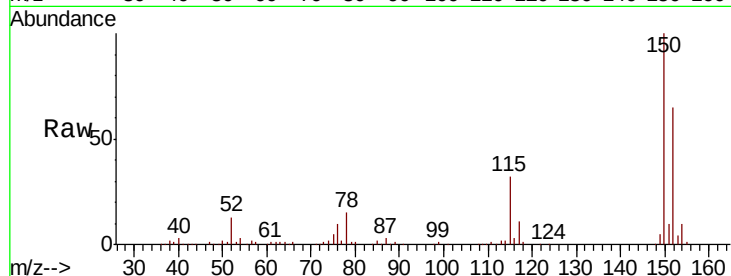
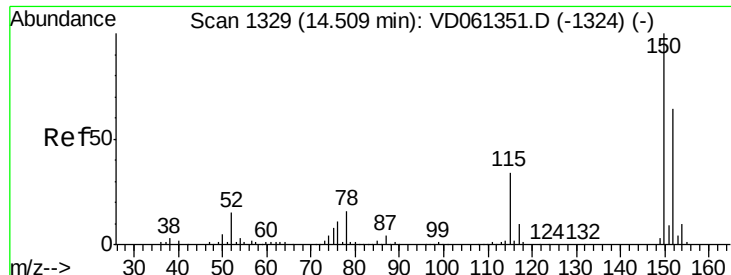
Tot Ion: 95 Resp: 259129
Ion Ratio Lower Upper
95 100
174 67.6 0.0 178.0
176 64.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061632.D
Acq: 5 Apr 2019 20:26

Tgt Ion: 117 Resp: 665774
Ion Ratio Lower Upper
117 100
82 44.0 34.4 51.6
119 32.4 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VD061632.D
 Acq: 5 Apr 2019 20:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-(13.5-14)

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.7	26.9	80.6
150	154.3	0.0	318.0

