

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063344.D
 Acq On : 3 Aug 2019 5:32
 Operator : VA/AP
 Sample : K4129-05
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E2-(0-1)

Quant Time: Aug 04 05:08:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

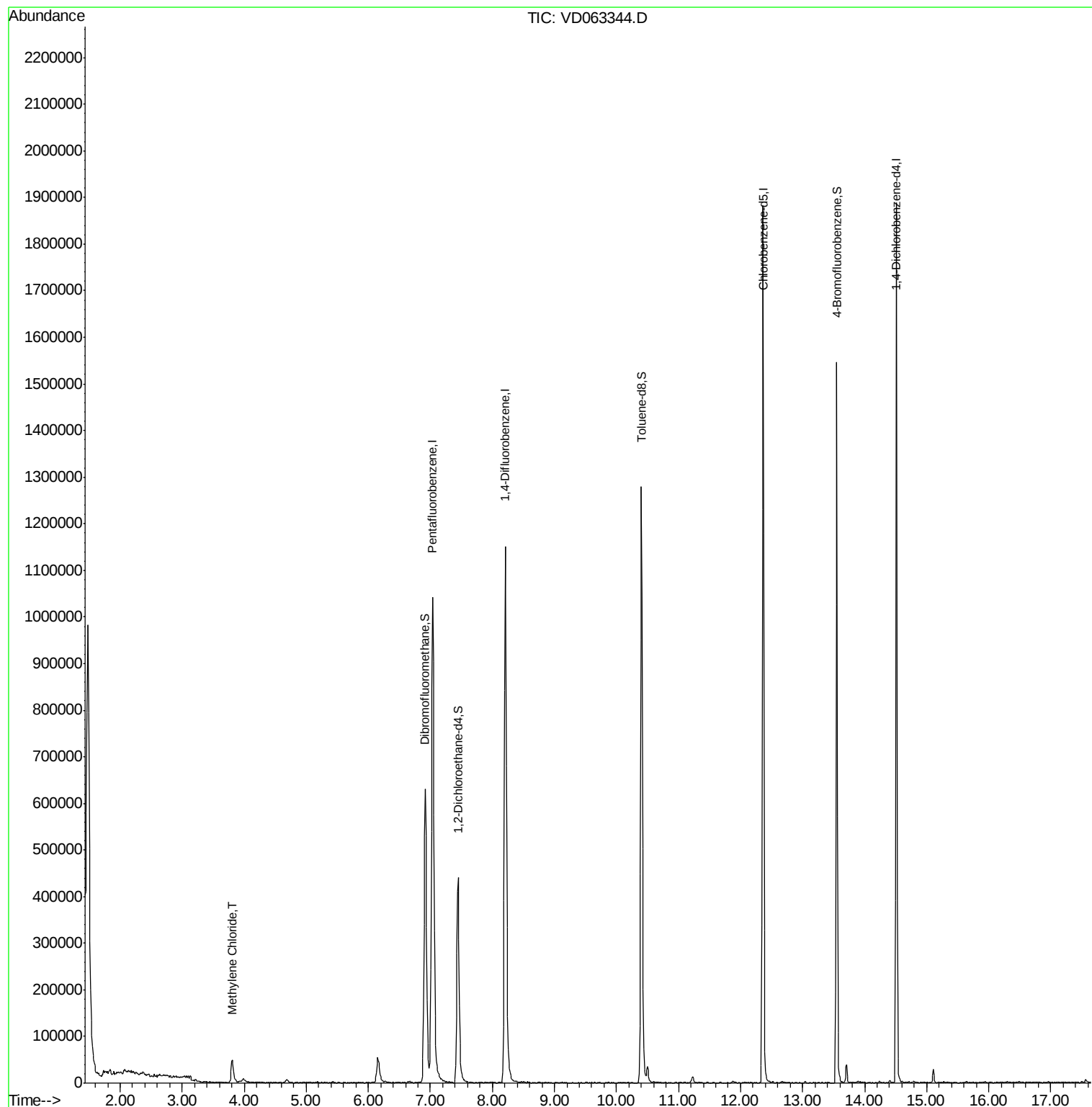
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	982800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1253762	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	982689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	442014	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	490594	44.99	ug/l	0.01
Spiked Amount 50.000			Recovery	=	89.98%	
35) Dibromofluoromethane	6.92	113	544902	50.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.40	98	1007690	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
62) 4-Bromofluorobenzene	13.55	95	399882	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
Target Compounds						
20) Methylene Chloride	3.81	84	30119	3.507	ug/l #	Qvalue 93

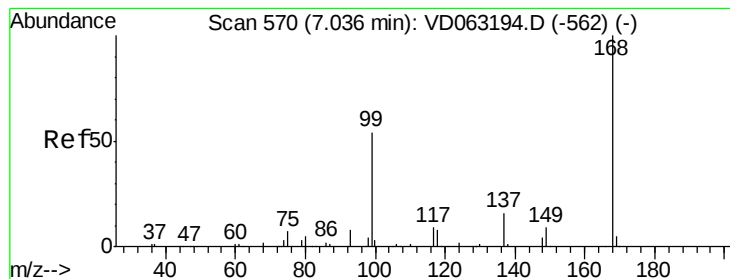
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080219\
Data File : VD063344.D
Acq On : 3 Aug 2019 5:32
Operator : VA/AP
Sample : K4129-05
Misc : 4.96g/5ml/MSVOA D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
2S-E2-(0-1)

Quant Time: Aug 04 05:08:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063344.D

Acq: 3 Aug 2019 5:32

Instrument :

MSVOA_D

ClientSampleId :

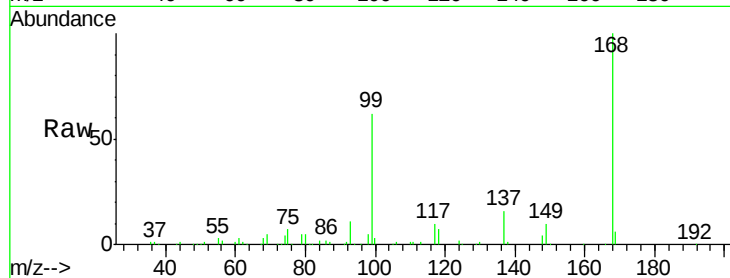
2S-E2-(0-1)

Tot Ion:168 Resp: 982800

Ion Ratio Lower Upper

168 100

99 62.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

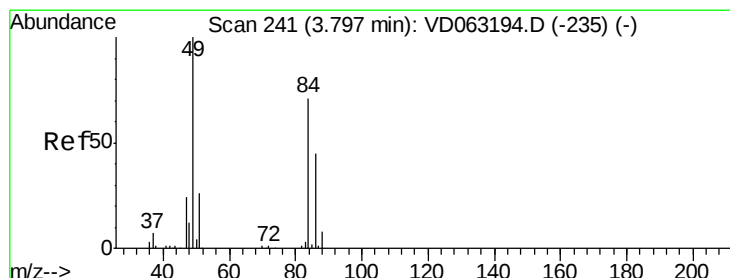
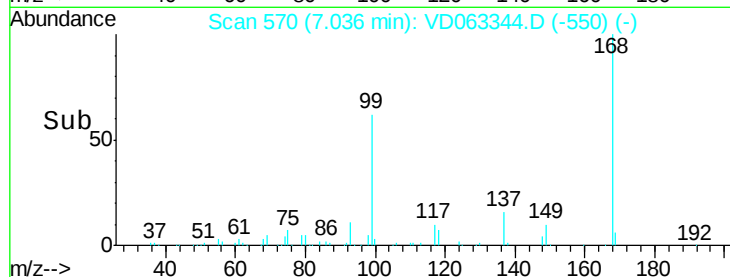
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 3.507 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063344.D

Acq: 3 Aug 2019 5:32

Tgt Ion: 84 Resp: 30119

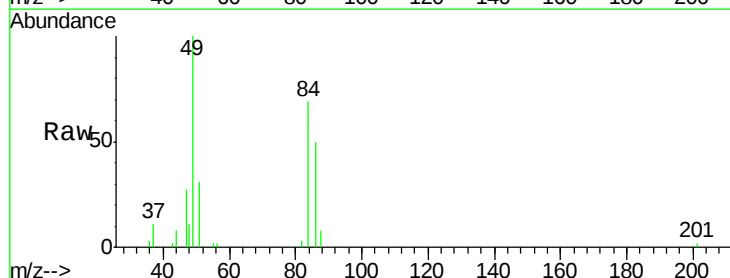
Ion Ratio Lower Upper

84 100

49 144.4 112.5 168.7

51 45.0 29.6 44.4#

86 72.0 50.4 75.6



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

20000

15000

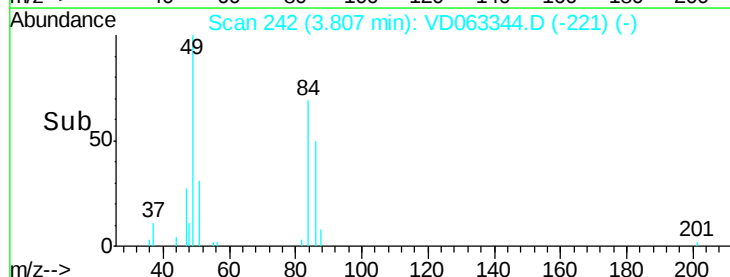
10000

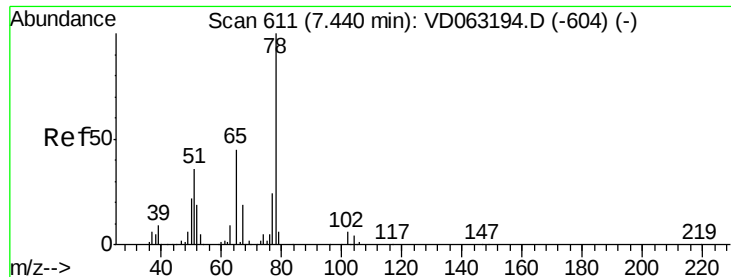
5000

0

Time-->

3.70 3.80 3.90

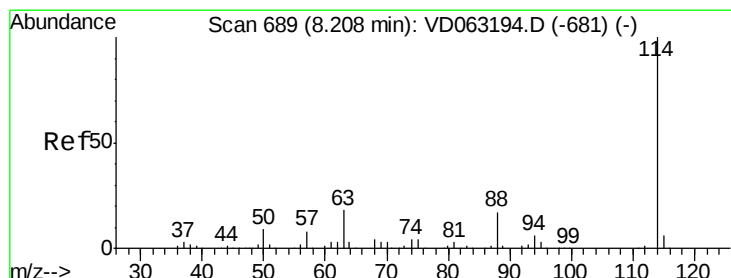
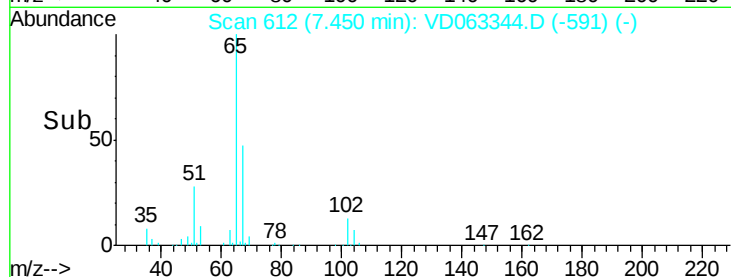
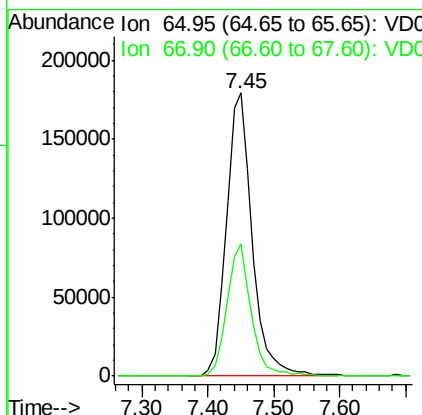
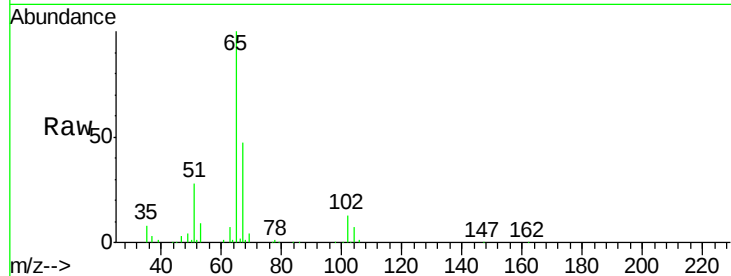




#33
 1,2-Dichloroethane-d4
 Concen: 44.988 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063344.D
 Acq: 3 Aug 2019 5:32

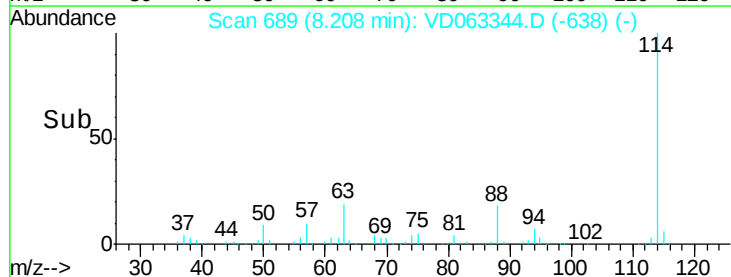
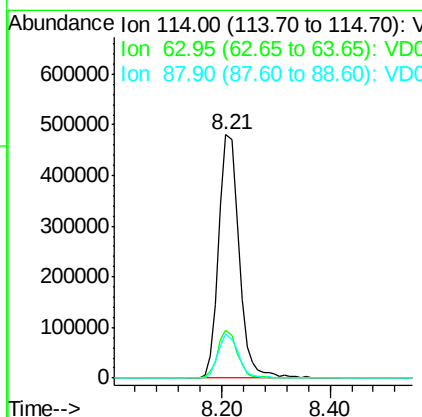
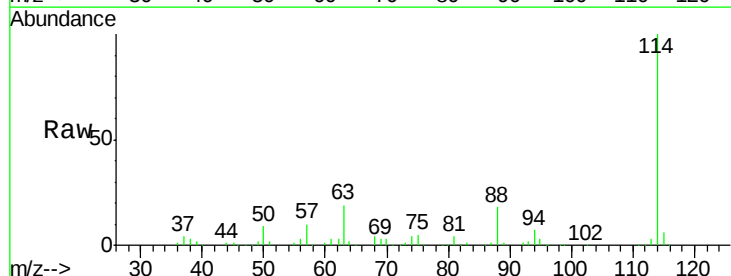
Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E2-(0-1)

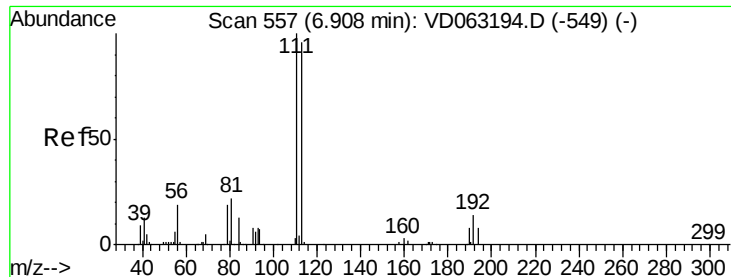
Tot Ion: 65 Resp: 490594
 Ion Ratio Lower Upper
 65 100
 67 46.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063344.D
 Acq: 3 Aug 2019 5:32

Tgt Ion: 114 Resp: 1253762
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 35.2
 88 18.1 0.0 34.6





#35

Dibromofluoromethane

Concen: 50.904 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063344.D

Acq: 3 Aug 2019 5:32

Instrument :

MSVOA_D

ClientSampleId :

2S-E2-(0-1)

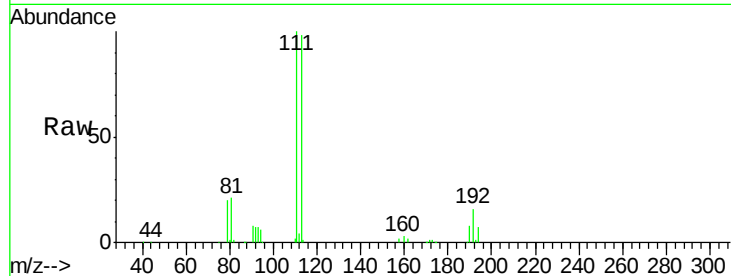
Tot Ion:113 Resp: 544902

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

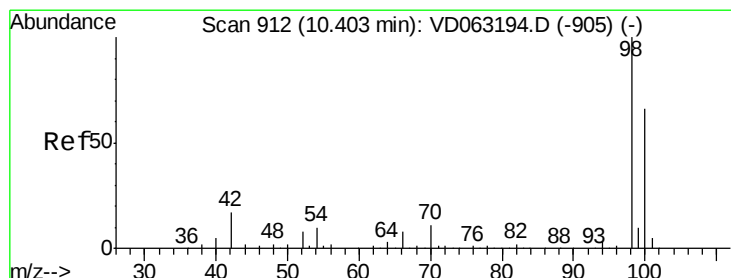
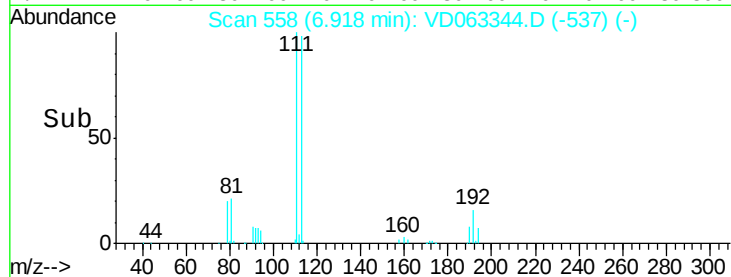
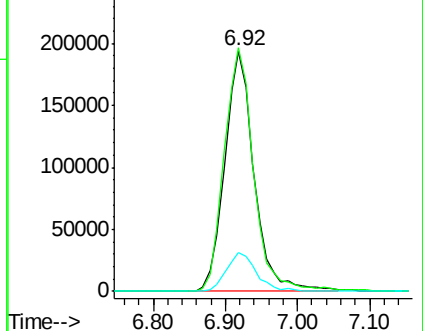
192 16.1 11.8 17.8



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: 42.063 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063344.D

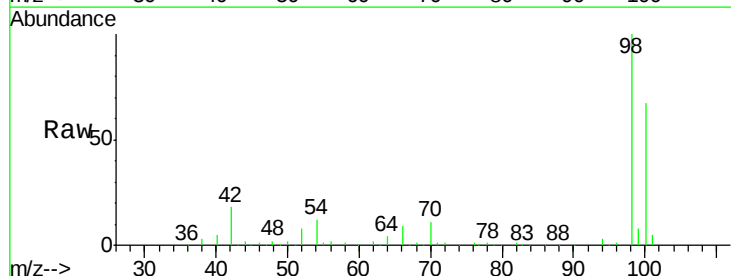
Acq: 3 Aug 2019 5:32

Tgt Ion: 98 Resp: 1007690

Ion Ratio Lower Upper

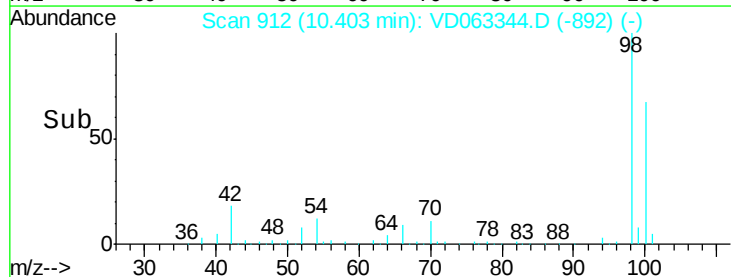
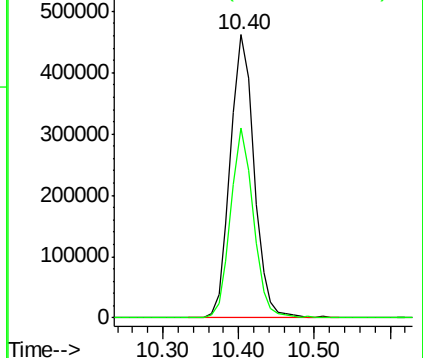
98 100

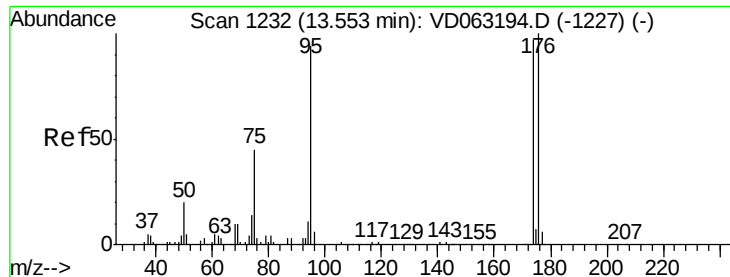
100 67.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

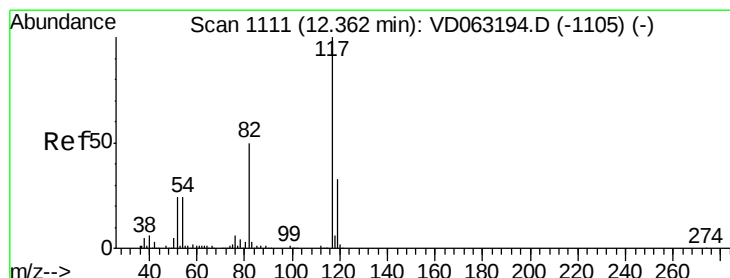
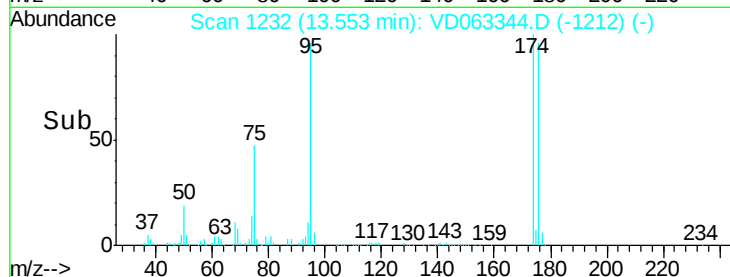
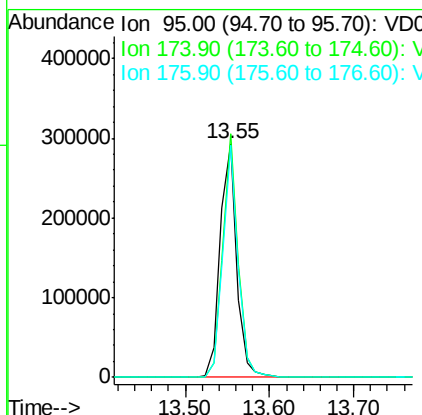
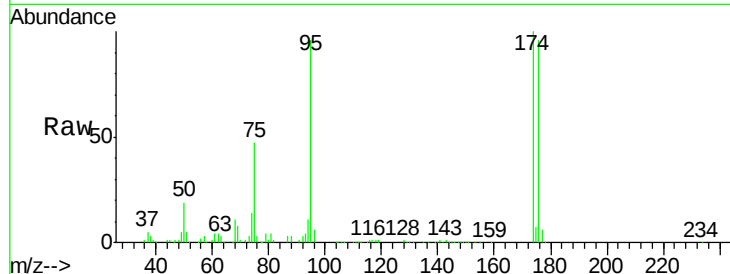




#62
4-Bromofluorobenzene
Concen: 36.630 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063344.D
Acq: 3 Aug 2019 5:32

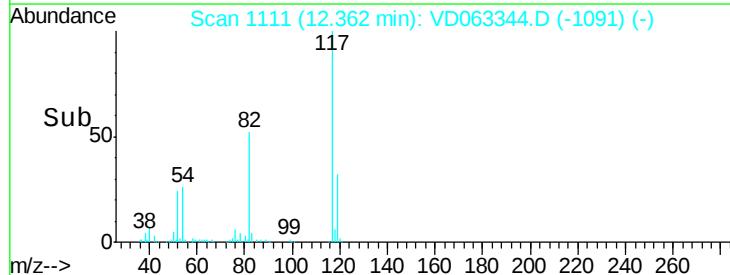
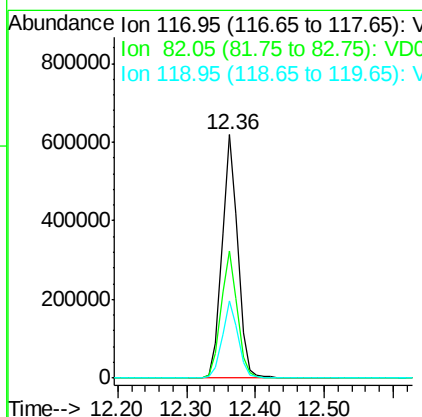
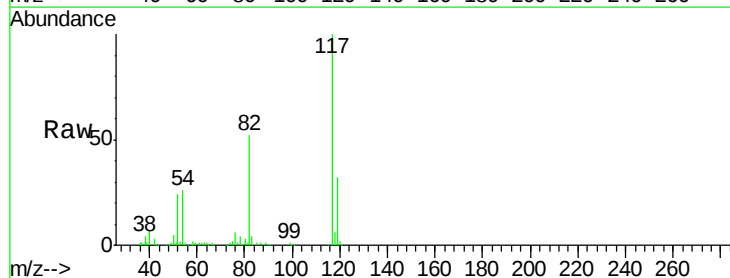
Instrument :
MSVOA_D
ClientSampleId :
2S-E2-(0-1)

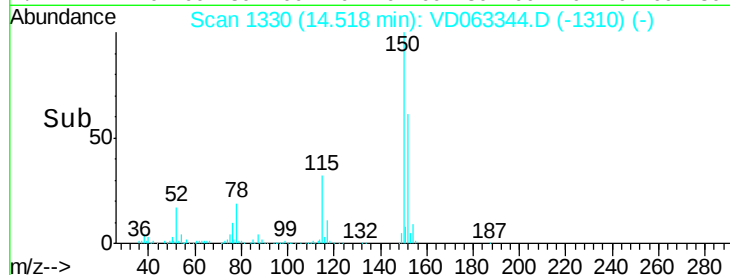
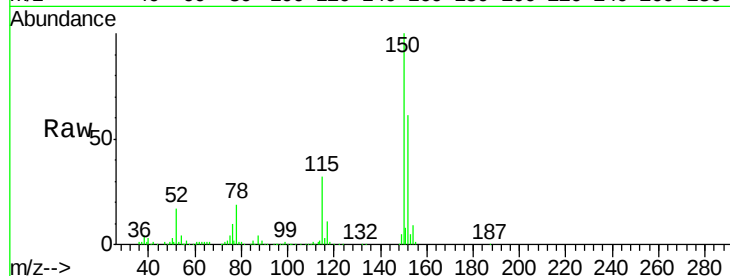
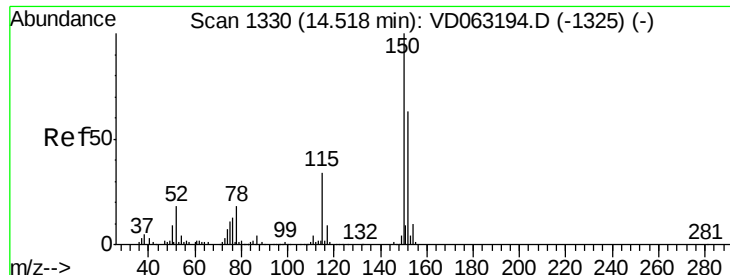
Tot Ion	95	Resp	399882
Ion	Ratio	Lower	Upper
95	100		
174	104.3	0.0	205.4
176	99.7	0.0	211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063344.D
Acq: 3 Aug 2019 5:32

Tgt Ion	117	Resp	982689
Ion	Ratio	Lower	Upper
117	100		
82	52.3	40.1	60.1
119	31.9	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063344.D
 Acq: 3 Aug 2019 5:32

Instrument :
 MSVOA_D
 ClientSampleId :
 2S-E2-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.6	27.5	82.4
150	162.7	0.0	320.6

