

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063243.D
 Acq On : 30 Jul 2019 15:52
 Operator : VA/AP
 Sample : K4049-01RE
 Misc : 4.07g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1RE

Quant Time: Jul 31 06:33:48 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	7.05	168	910953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1135596	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	870603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	308477	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	391538	38.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.48%	
35) Dibromofluoromethane	6.92	113	437833	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	
50) Toluene-d8	10.41	98	820792	37.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.66%	
62) 4-Bromofluorobenzene	13.55	95	283274	28.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.30%	

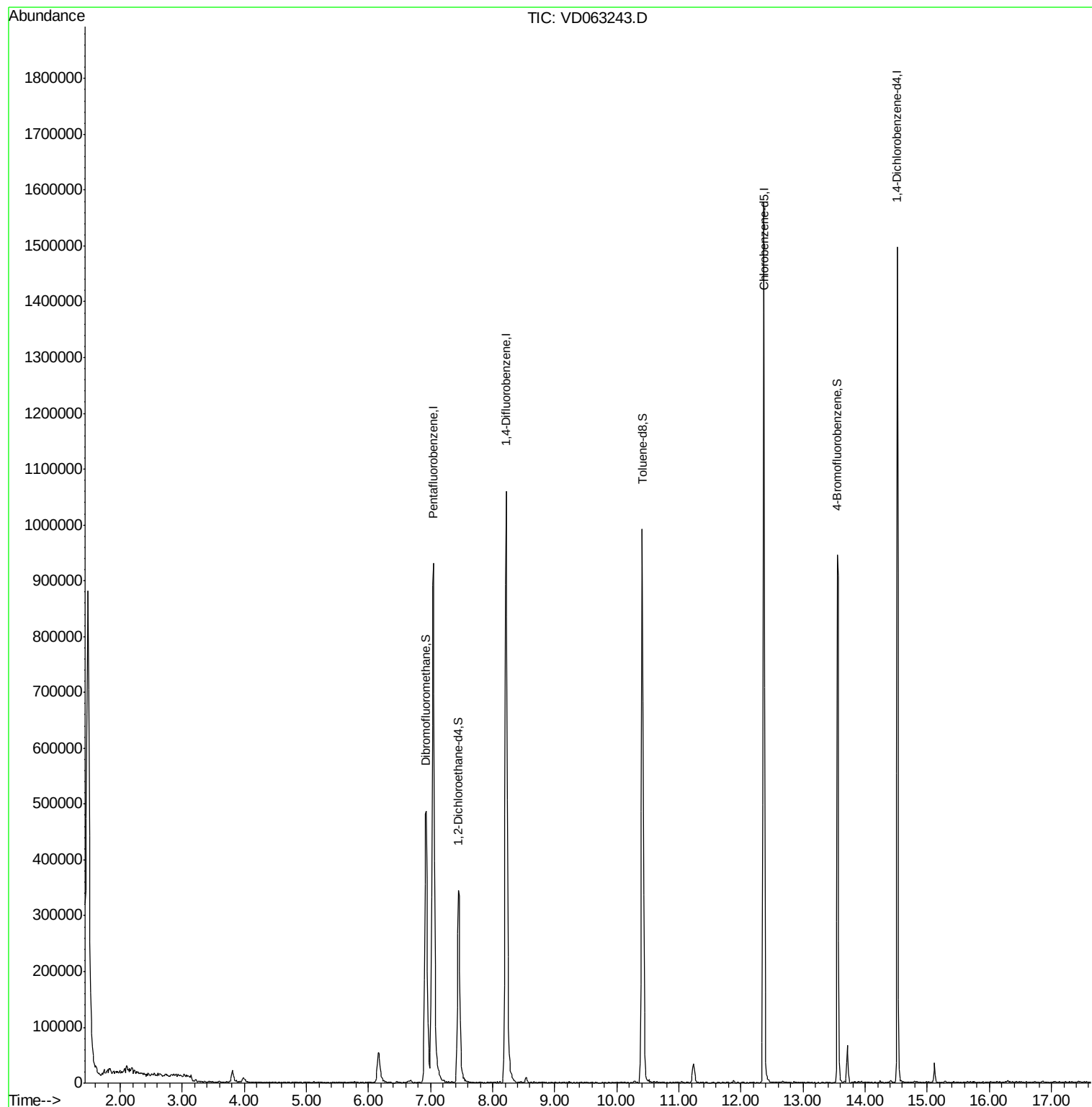
Target Compounds	Qvalue

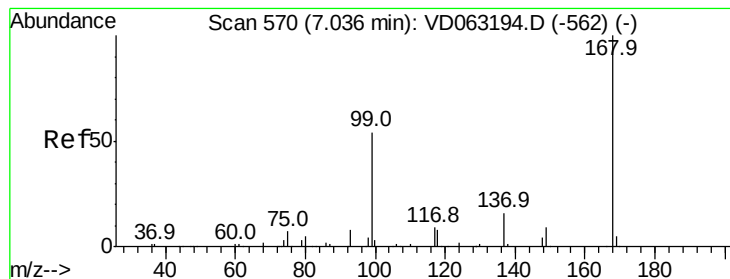
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063243.D

Acq: 30 Jul 2019 15:52

Instrument :

MSVOA_D

ClientSampleId :

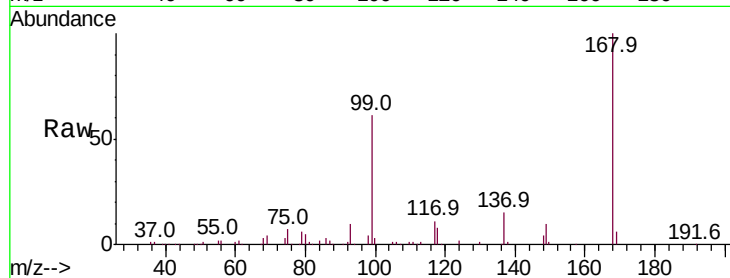
SP-1RE

Tot Ion:168 Resp: 910953

Ion Ratio Lower Upper

168 100

99 61.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

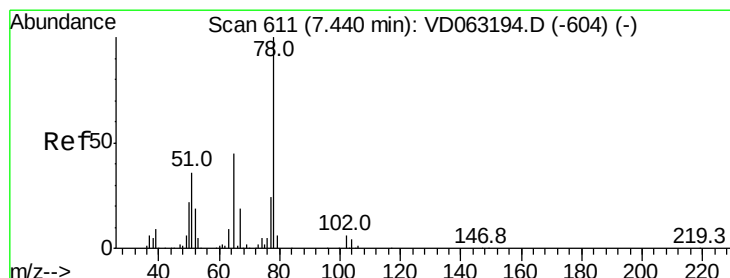
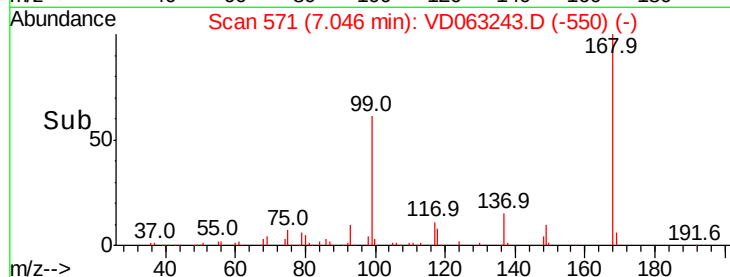
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.736 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063243.D

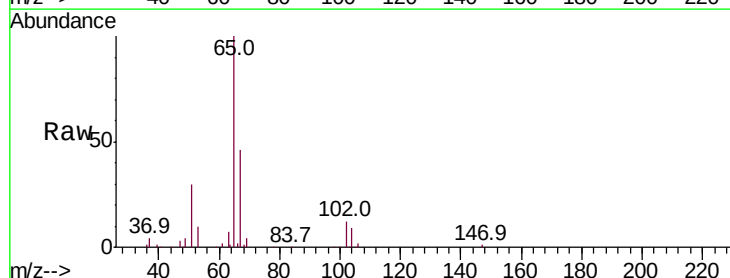
Acq: 30 Jul 2019 15:52

Tgt Ion: 65 Resp: 391538

Ion Ratio Lower Upper

65 100

67 46.3 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

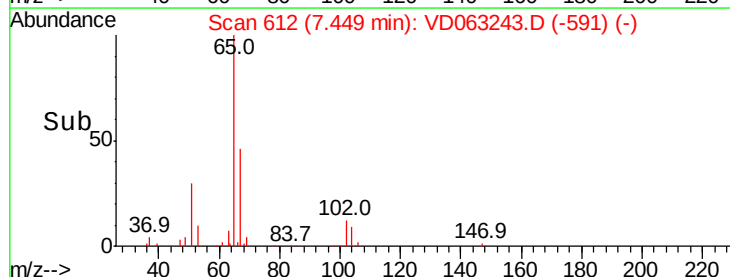
100000

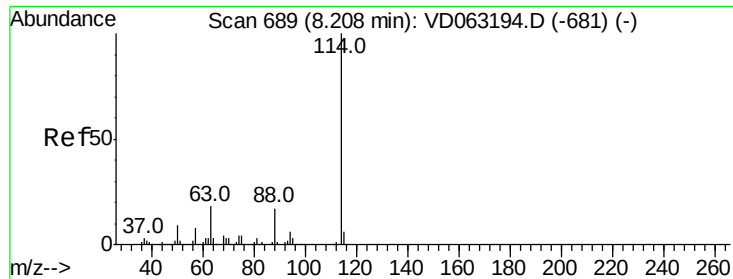
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063243.D

Acq: 30 Jul 2019 15:52

Instrument :

MSVOA_D

ClientSampleId :

SP-1RE

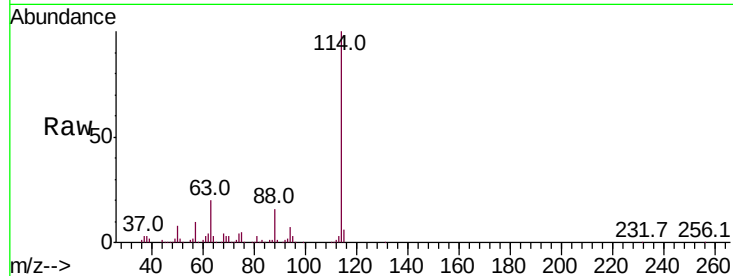
Tot Ion:114 Resp: 1135596

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.2

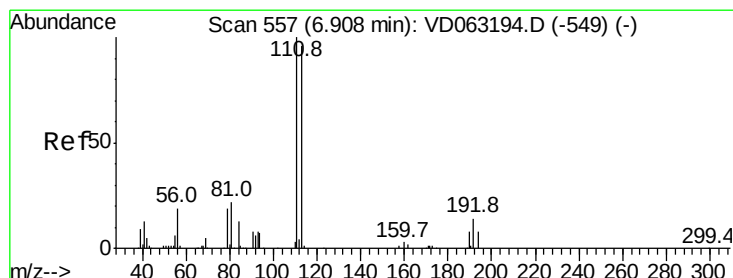
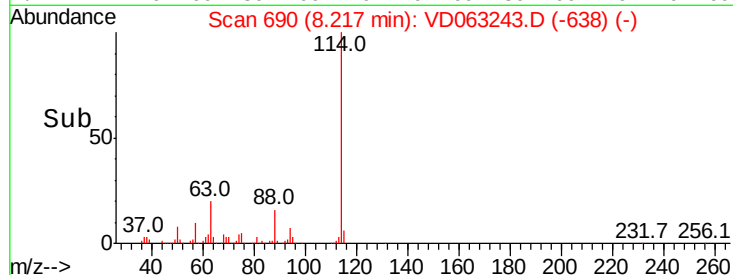
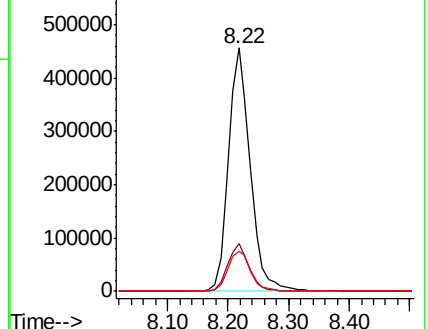
88 16.3 0.0 34.6



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: 45.158 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063243.D

Acq: 30 Jul 2019 15:52

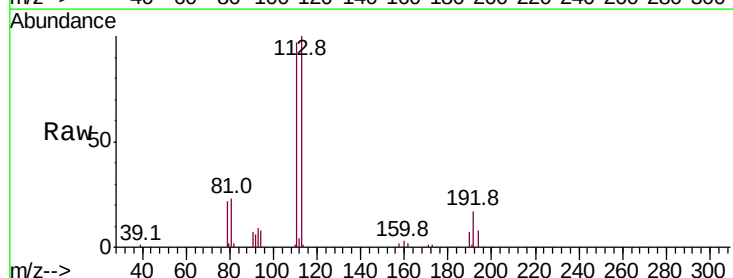
Tgt Ion:113 Resp: 437833

Ion Ratio Lower Upper

113 100

111 97.4 83.2 124.8

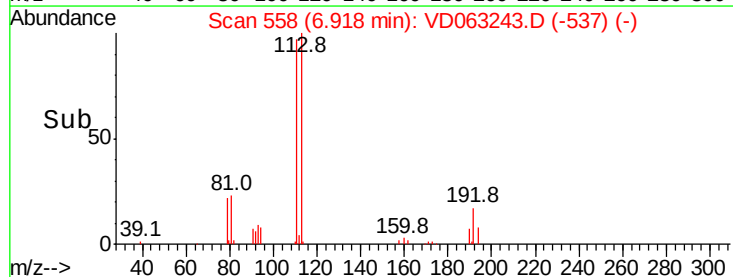
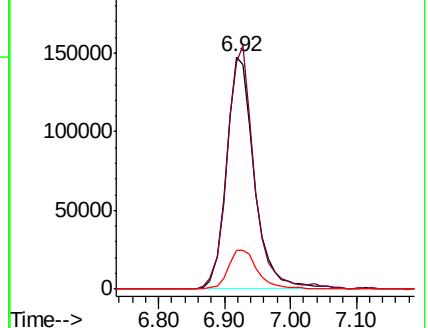
192 16.8 11.8 17.8

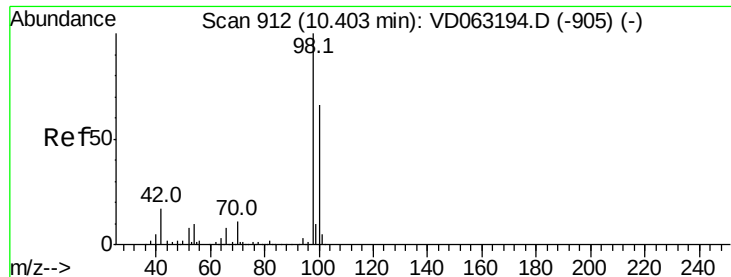


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

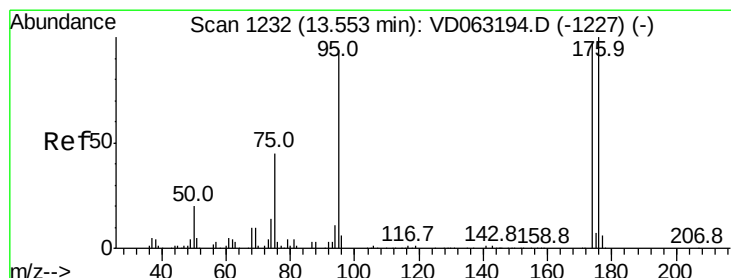
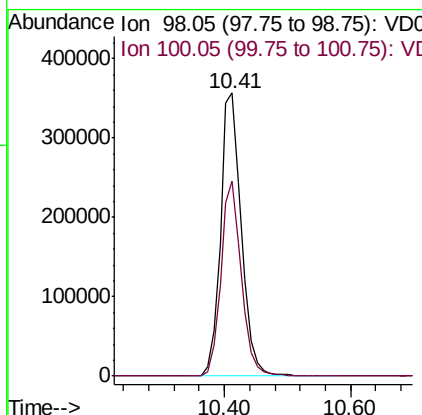
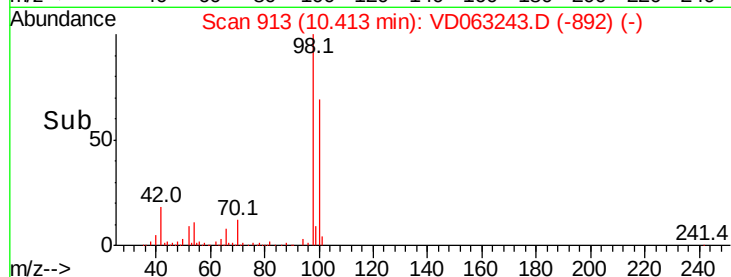
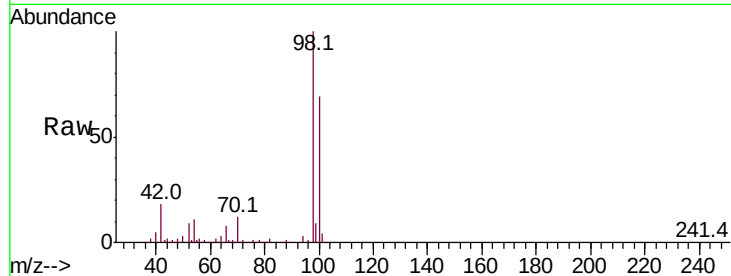




#50
Toluene-d8
Concen: 37.827 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063243.D
Acq: 30 Jul 2019 15:52

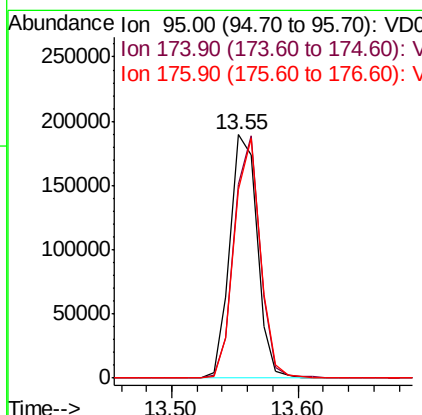
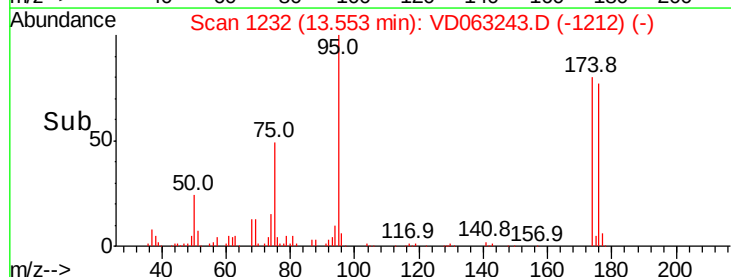
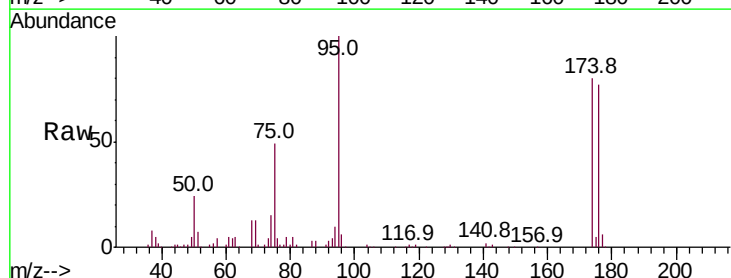
Instrument :
MSVOA_D
ClientSampleId :
SP-1RE

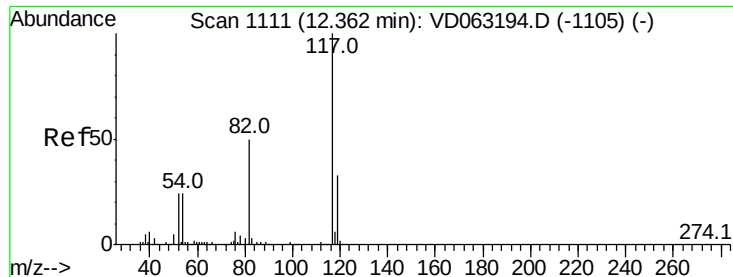
Tot Ion: 98 Resp: 820792
Ion Ratio Lower Upper
98 100
100 68.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 28.648 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063243.D
Acq: 30 Jul 2019 15:52

Tgt Ion: 95 Resp: 283274
Ion Ratio Lower Upper
95 100
174 79.6 0.0 205.4
176 77.2 0.0 211.8

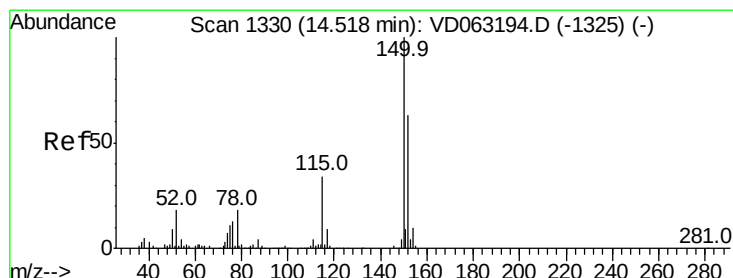
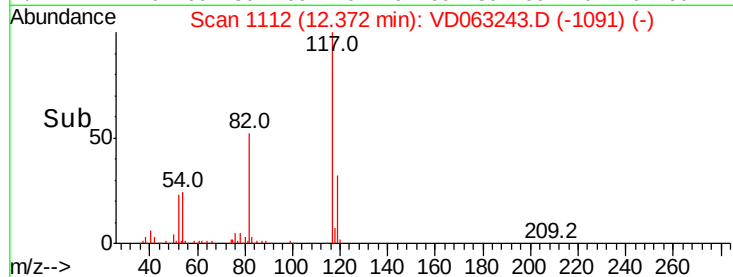
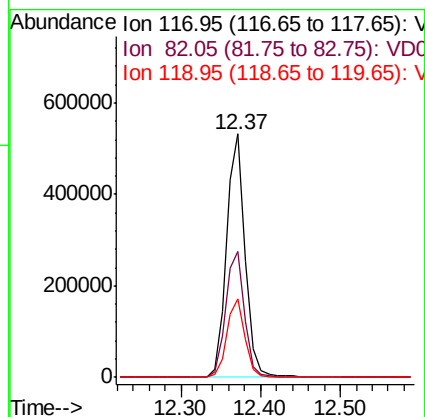
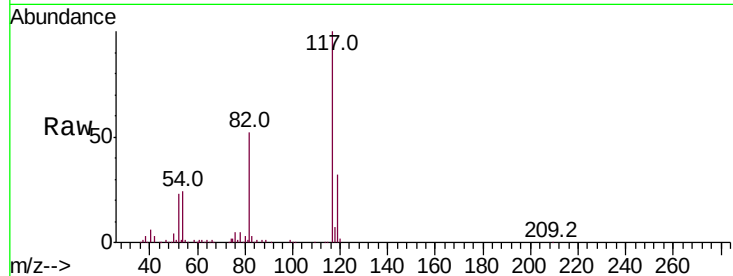




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063243.D
Acq: 30 Jul 2019 15:52

Instrument :
MSVOA_D
ClientSampleId :
SP-1RE

Tot Ion:117 Resp: 870603
Ion Ratio Lower Upper
117 100
82 51.8 40.1 60.1
119 32.2 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: VD063243.D
Acq: 30 Jul 2019 15:52

Tgt Ion:152 Resp: 308477
Ion Ratio Lower Upper
152 100
115 62.3 27.5 82.4
150 165.0 0.0 320.6

