

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063232.D
 Acq On : 30 Jul 2019 10:46
 Operator : VA/AP
 Sample : VD0730SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL01

Quant Time: Jul 31 05:10:24 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	1045517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1462993	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1216195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	599843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	599827	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
35) Dibromofluoromethane	6.91	113	650752	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.41	98	1423826	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	13.55	95	614330	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

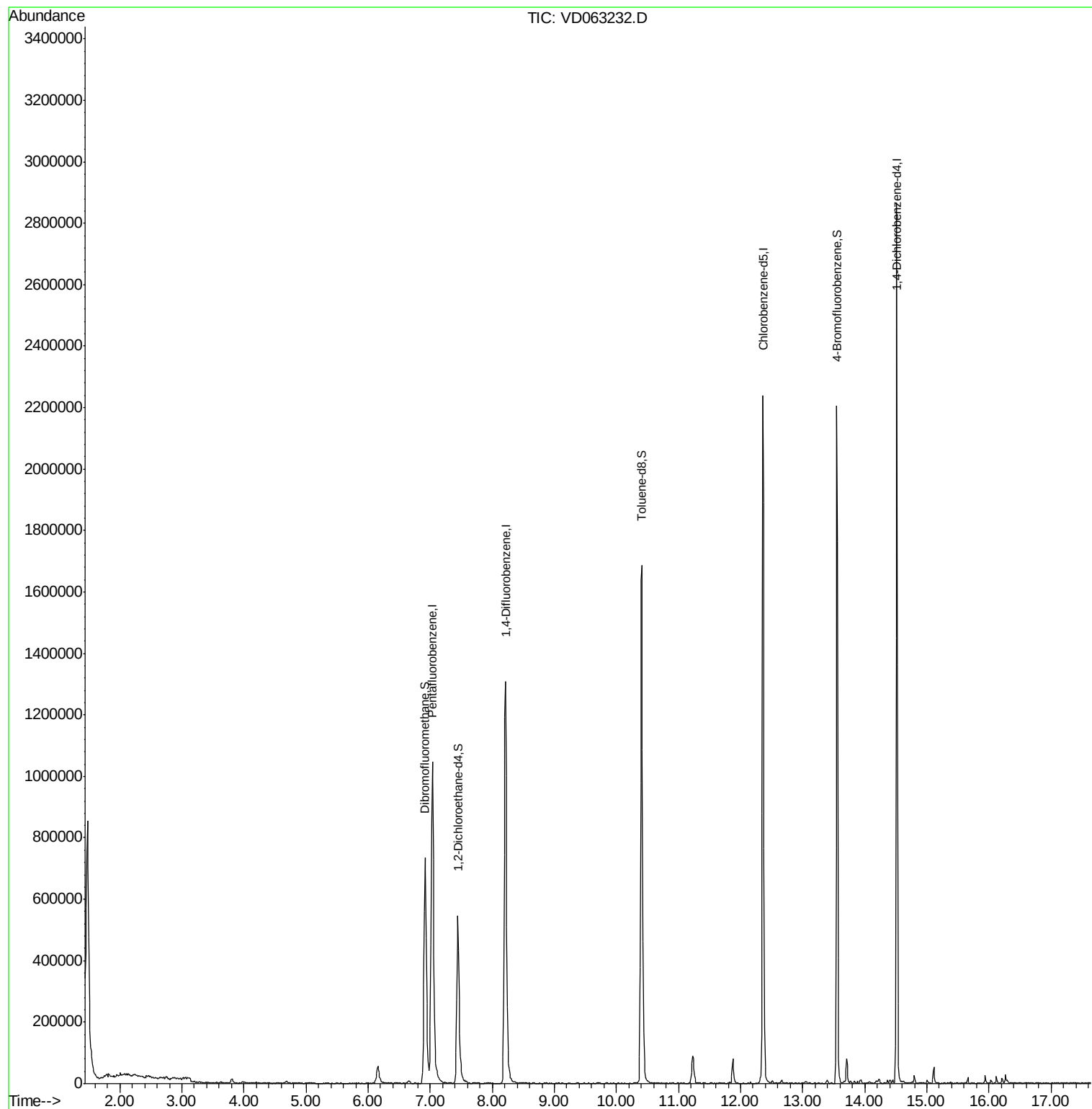
Target Compounds	Qvalue

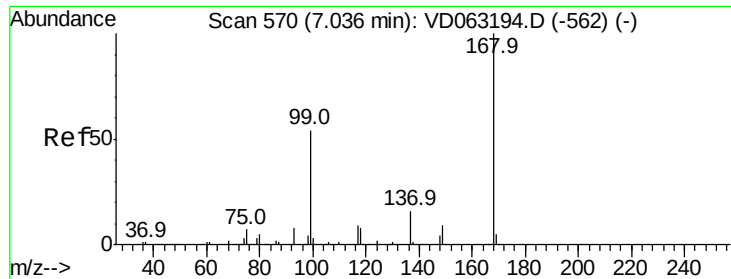
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

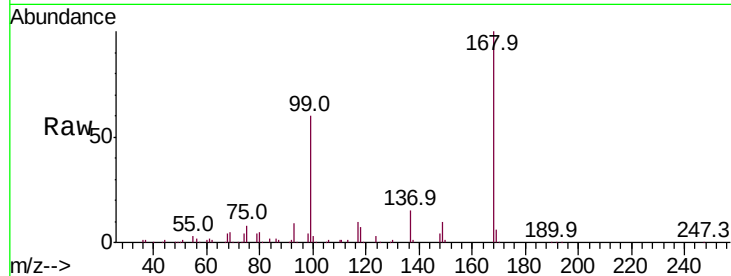
VD0730SBL01

Tot Ion:168 Resp: 1045517

Ion Ratio Lower Upper

168 100

99 60.2 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

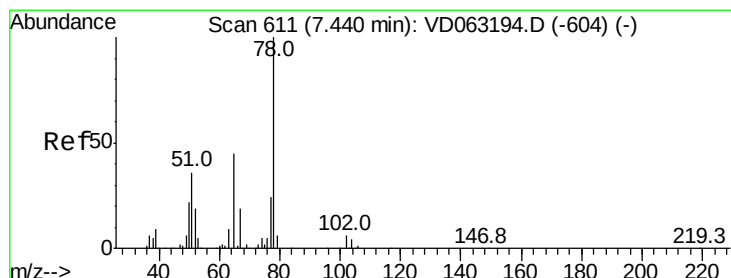
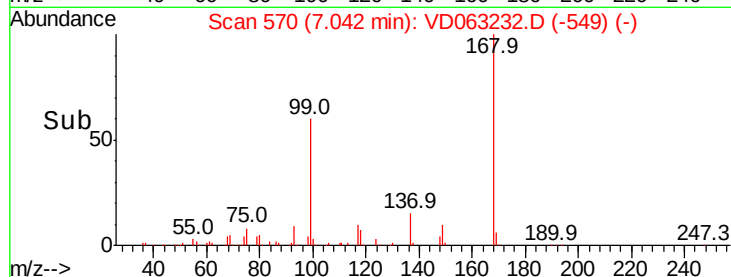
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.705 ug/l

RT: 7.45 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063232.D

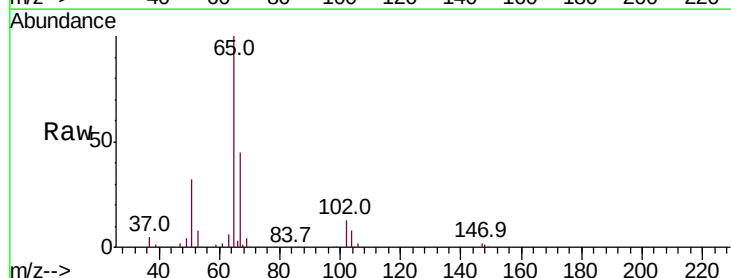
Acq: 30 Jul 2019 10:46

Tgt Ion: 65 Resp: 599827

Ion Ratio Lower Upper

65 100

67 45.3 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

250000

200000

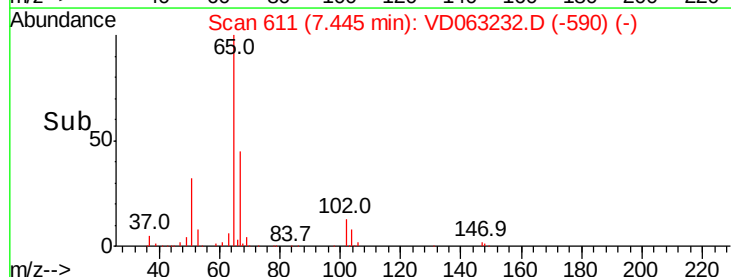
150000

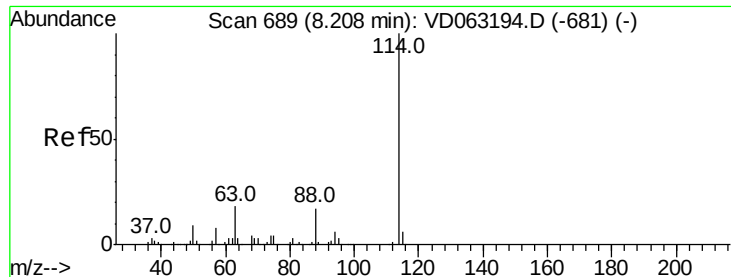
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

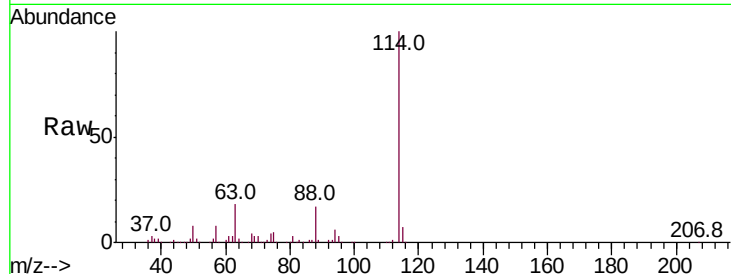
Tot Ion:114 Resp: 1462993

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.2

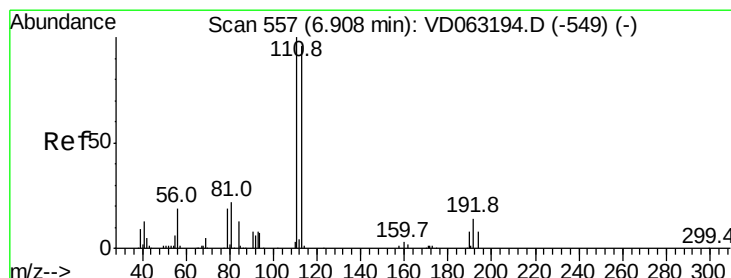
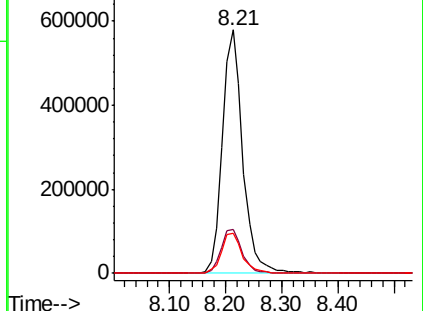
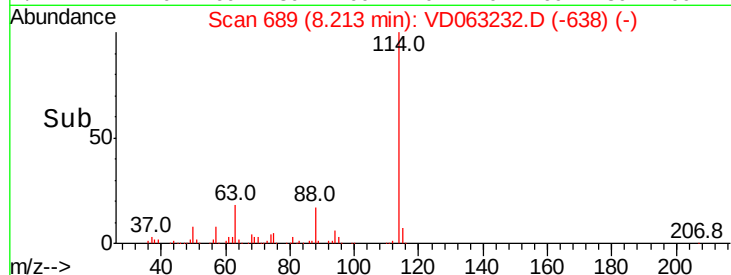
88 16.5 0.0 34.6



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: 52.098 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD063232.D

Acq: 30 Jul 2019 10:46

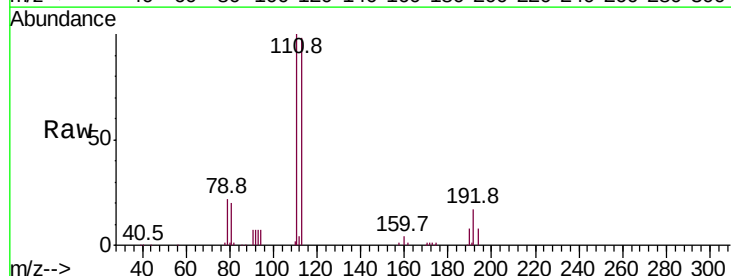
Tgt Ion:113 Resp: 650752

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

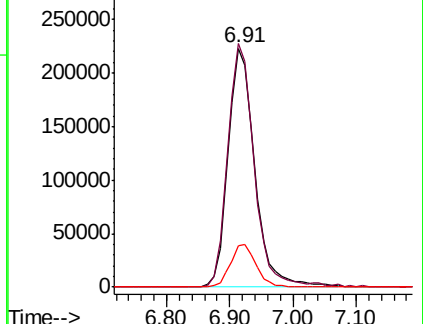
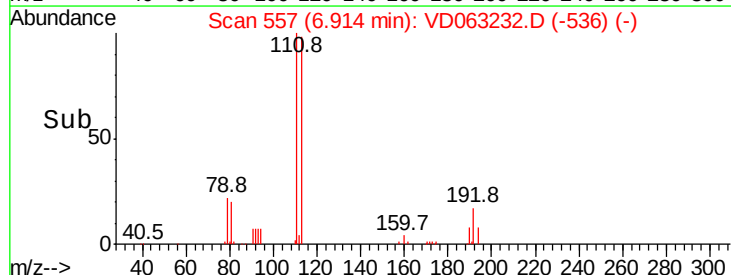
192 17.3 11.8 17.8

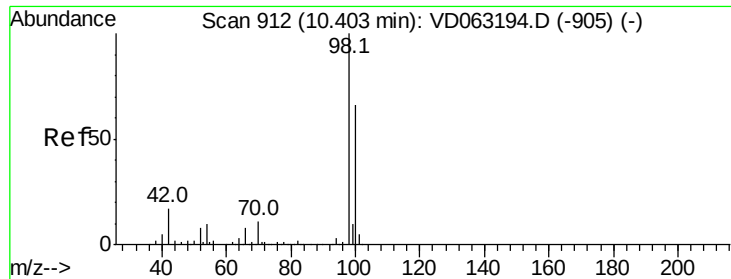


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

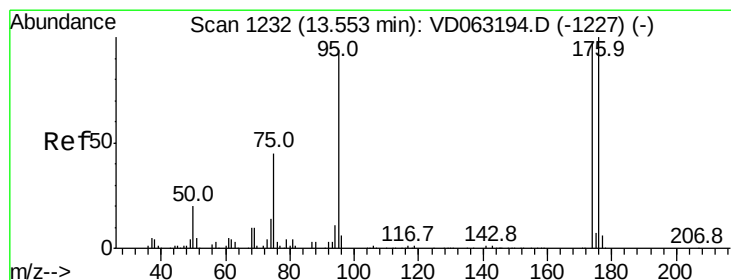
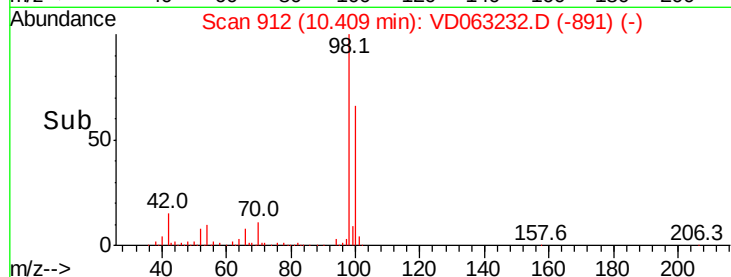
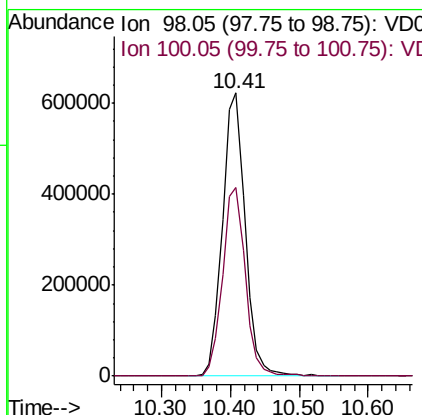
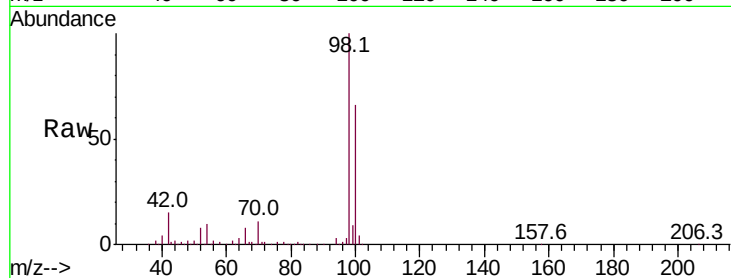




#50
Toluene-d8
Concen: 50.934 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063232.D
Acq: 30 Jul 2019 10:46

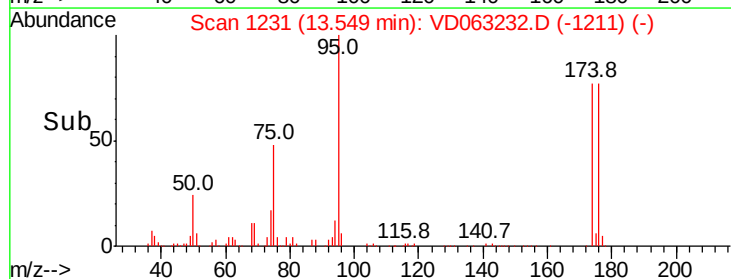
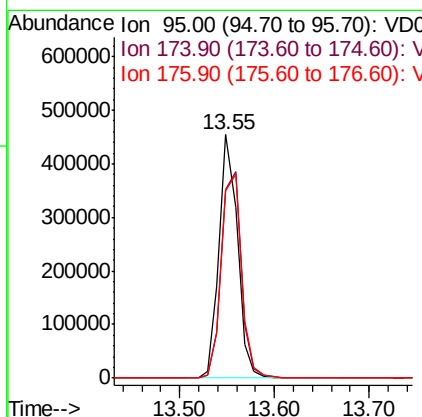
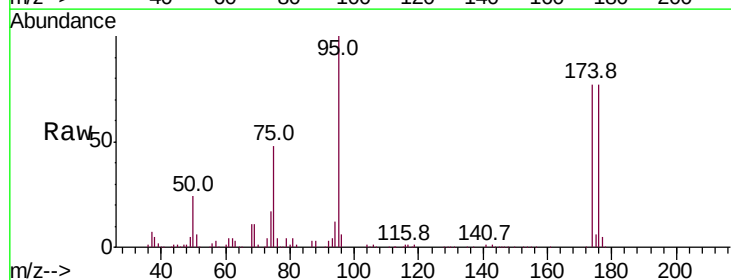
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

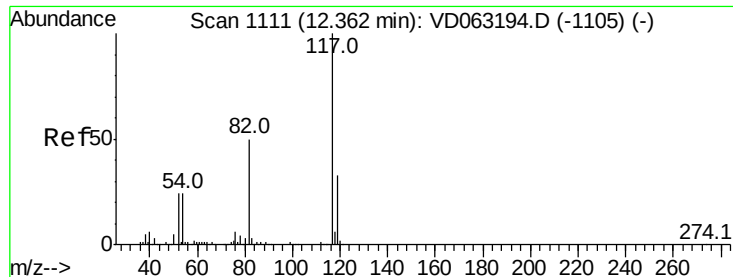
Tot Ion: 98 Resp: 1423826
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 48.225 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063232.D
Acq: 30 Jul 2019 10:46

Tgt Ion: 95 Resp: 614330
Ion Ratio Lower Upper
95 100
174 77.5 0.0 205.4
176 77.2 0.0 211.8

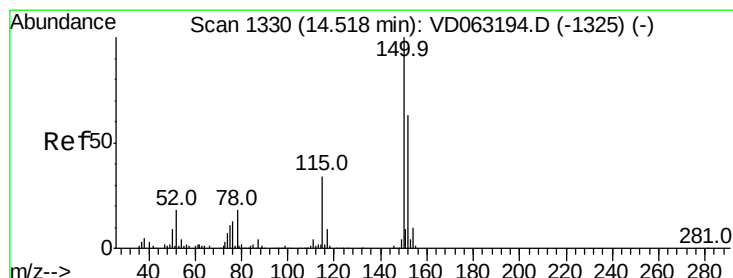
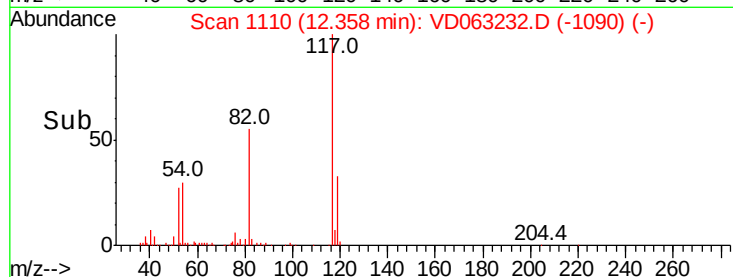
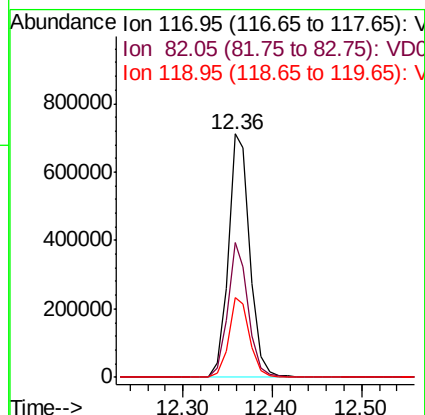
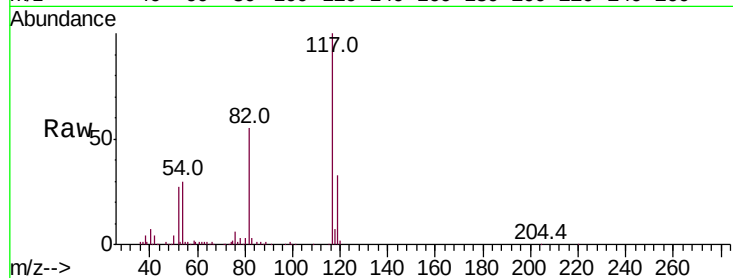




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063232.D
Acq: 30 Jul 2019 10:46

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tot Ion:117 Resp: 1216195
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063232.D
Acq: 30 Jul 2019 10:46

Tgt Ion:152 Resp: 599843
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.4
150 165.1 0.0 320.6

