

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063269.D
 Acq On : 31 Jul 2019 10:40
 Operator : VA/AP
 Sample : VD0731SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Quant Time: Aug 01 04:12:17 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	1079057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1509868	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1260417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	658417	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	603190	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	6.92	113	676878	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
50) Toluene-d8	10.40	98	1494423	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	13.55	95	637629	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

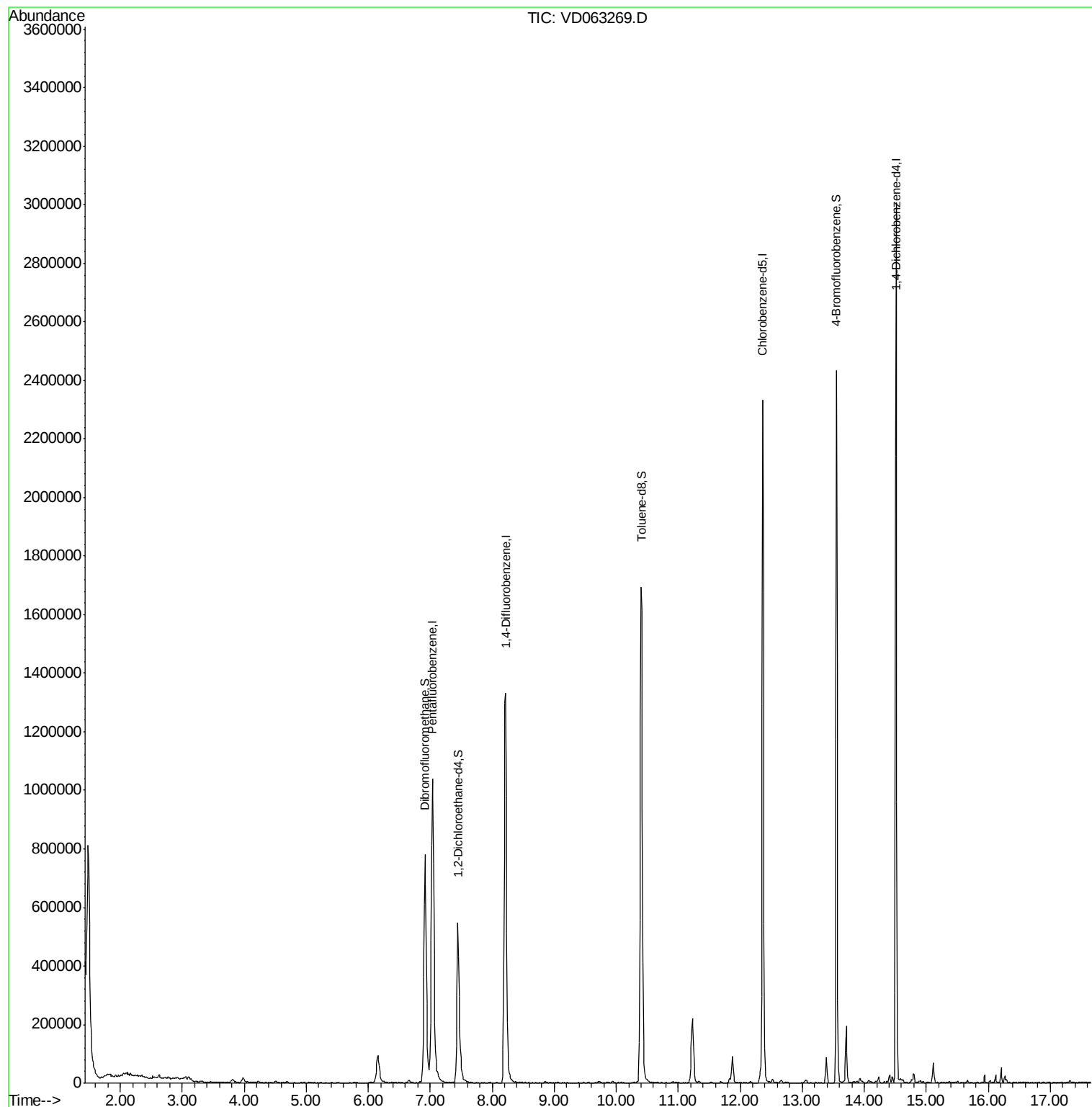
Target Compounds	Qvalue

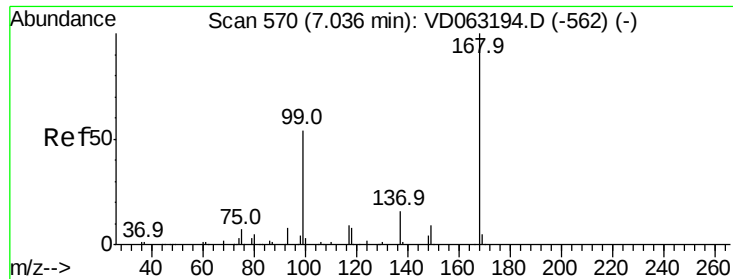
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073119\
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

Instrument :

MSVOA_D

ClientSampleId :

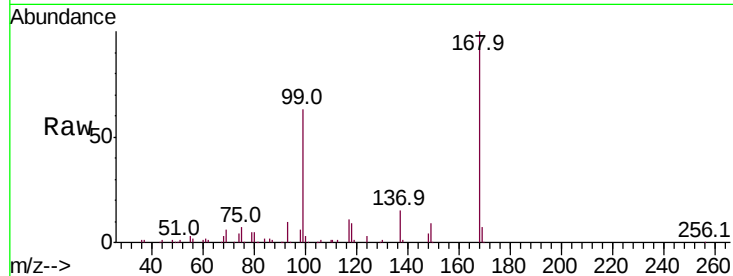
VD0731SBL01

Tot Ion:168 Resp: 1079057

Ion Ratio Lower Upper

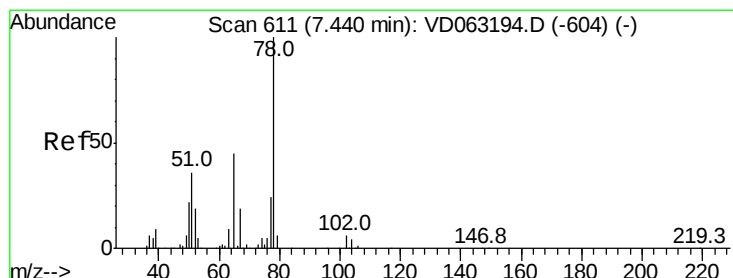
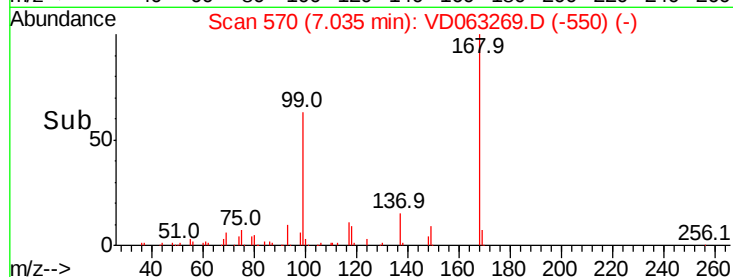
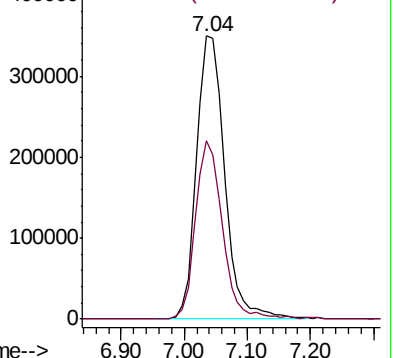
168 100

99 62.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 50.378 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063269.D

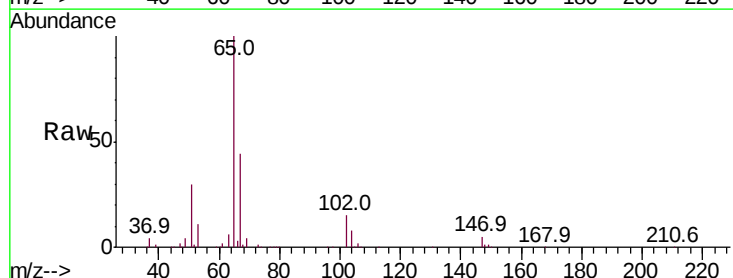
Acq: 31 Jul 2019 10:40

Tgt Ion: 65 Resp: 603190

Ion Ratio Lower Upper

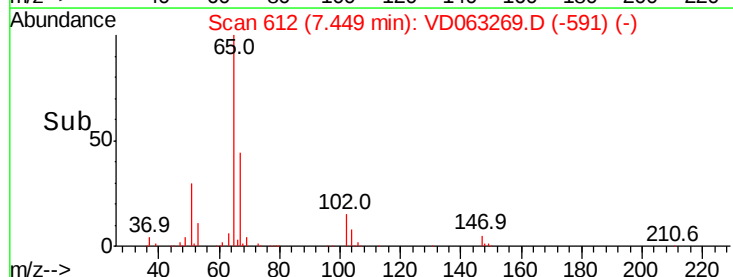
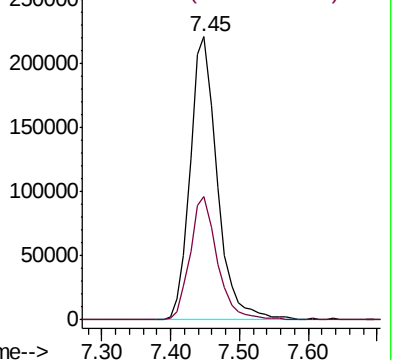
65 100

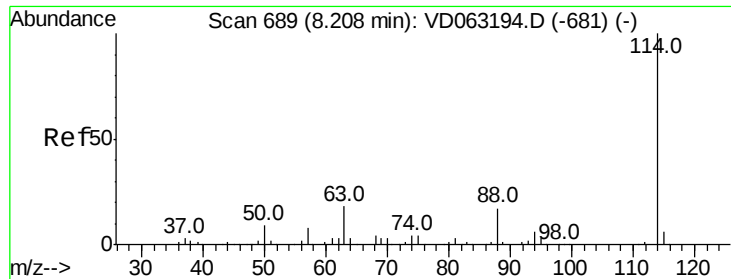
67 43.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

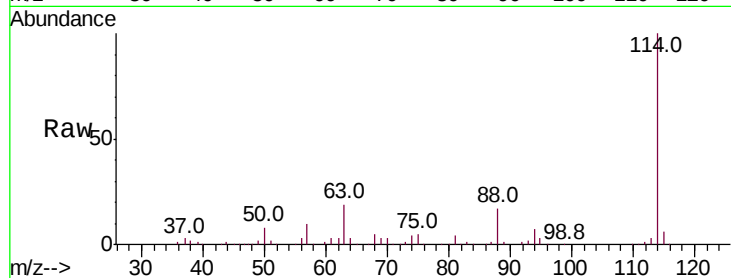




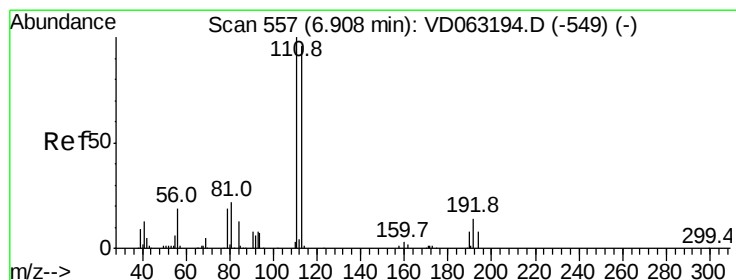
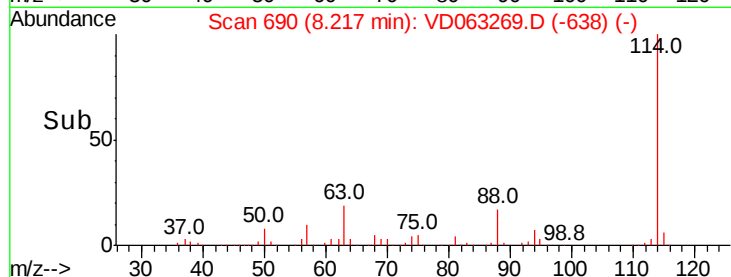
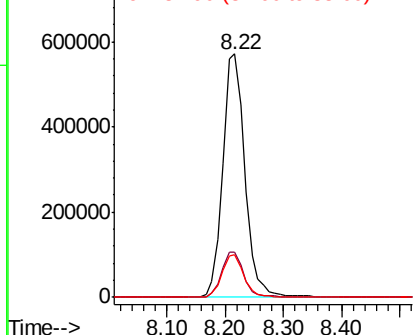
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063269.D
 Acq: 31 Jul 2019 10:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Tot Ion:114 Resp: 1509868
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.2
 88 17.4 0.0 34.6

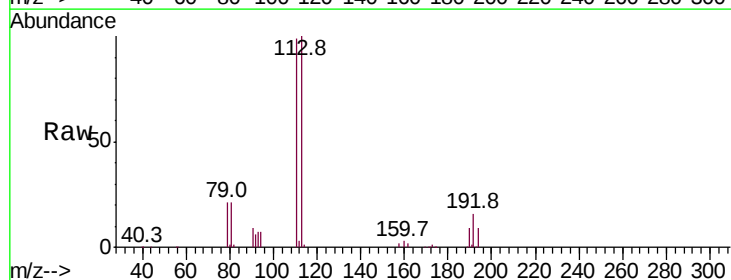


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

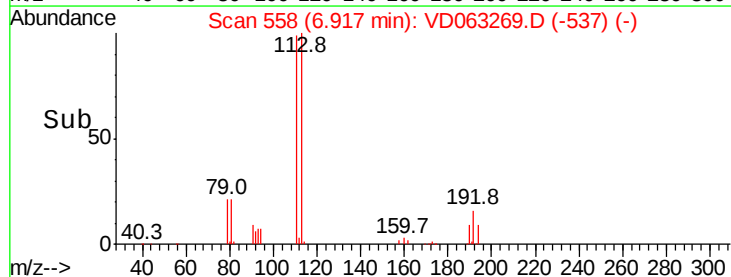
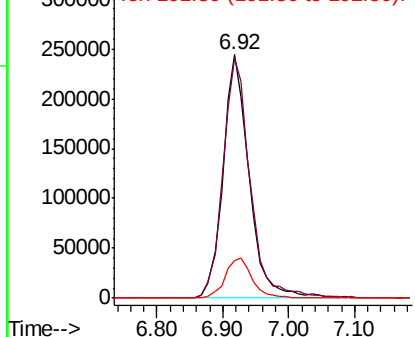


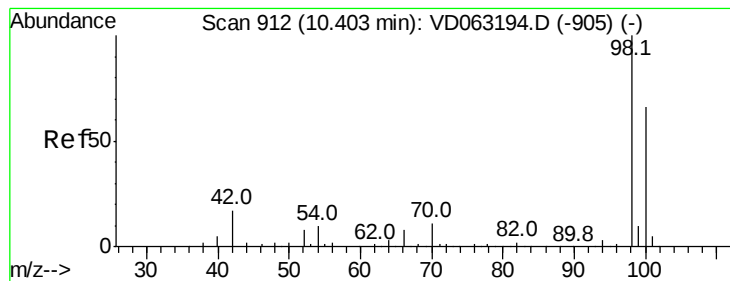
#35
 Dibromofluoromethane
 Concen: 52.508 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063269.D
 Acq: 31 Jul 2019 10:40

Tgt Ion:113 Resp: 676878
 Ion Ratio Lower Upper
 113 100
 111 98.6 83.2 124.8
 192 15.7 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: 51.800 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

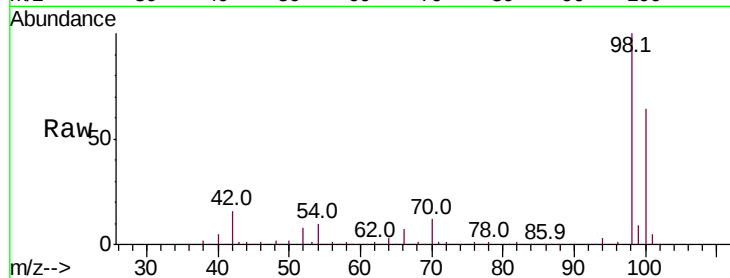
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

Tot Ion: 98 Resp: 1494423

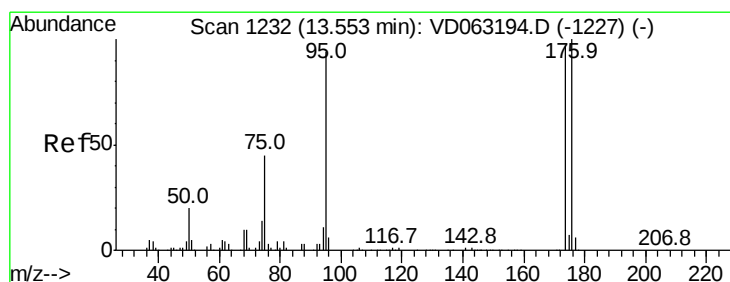
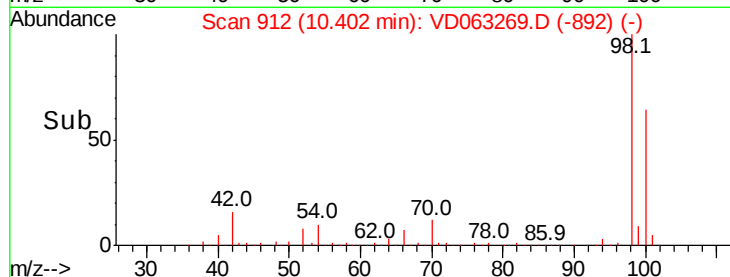
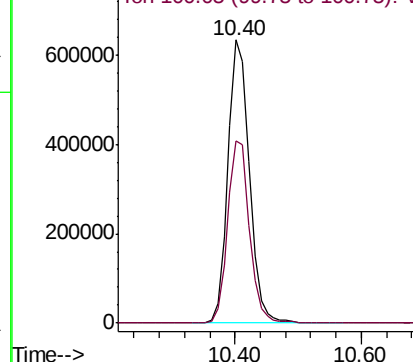
Ion Ratio Lower Upper

98 100

100 64.3 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 48.500 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063269.D

Acq: 31 Jul 2019 10:40

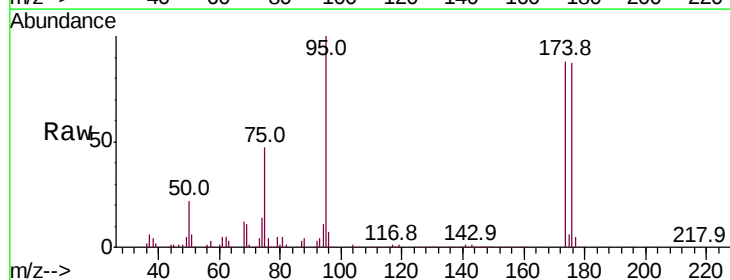
Tgt Ion: 95 Resp: 637629

Ion Ratio Lower Upper

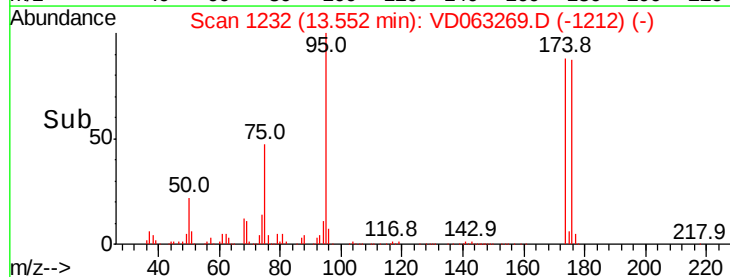
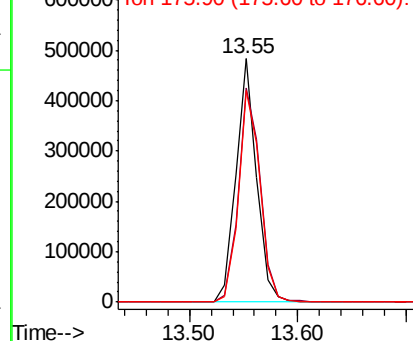
95 100

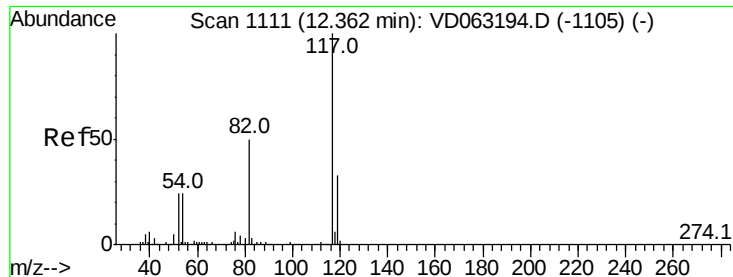
174 88.1 0.0 205.4

176 86.8 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

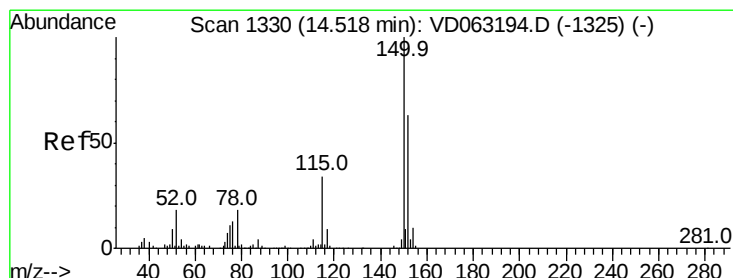
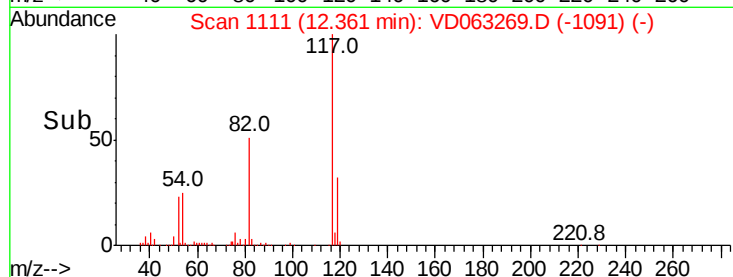
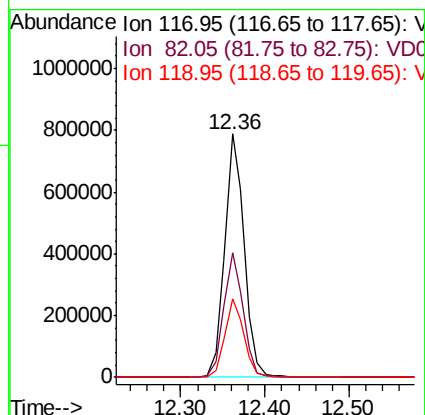
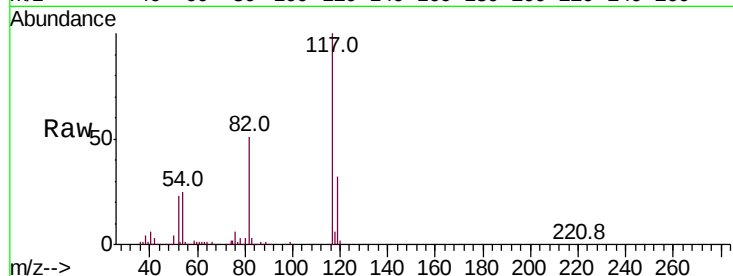




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063269.D
Acq: 31 Jul 2019 10:40

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

Tot Ion:117 Resp: 1260417
Ion Ratio Lower Upper
117 100
82 51.4 40.1 60.1
119 32.0 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: VD063269.D
Acq: 31 Jul 2019 10:40

Tgt Ion:152 Resp: 658417
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 151.8 0.0 320.6

