

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063256.D
 Acq On : 30 Jul 2019 23:43
 Operator : VA/AP
 Sample : VD0730SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL02

Quant Time: Jul 31 06:48:31 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	7.03	168	998530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1427820	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1233080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	619020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	548969	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	6.91	113	616913	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	10.40	98	1377707	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	13.55	95	561402	45.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.32%	

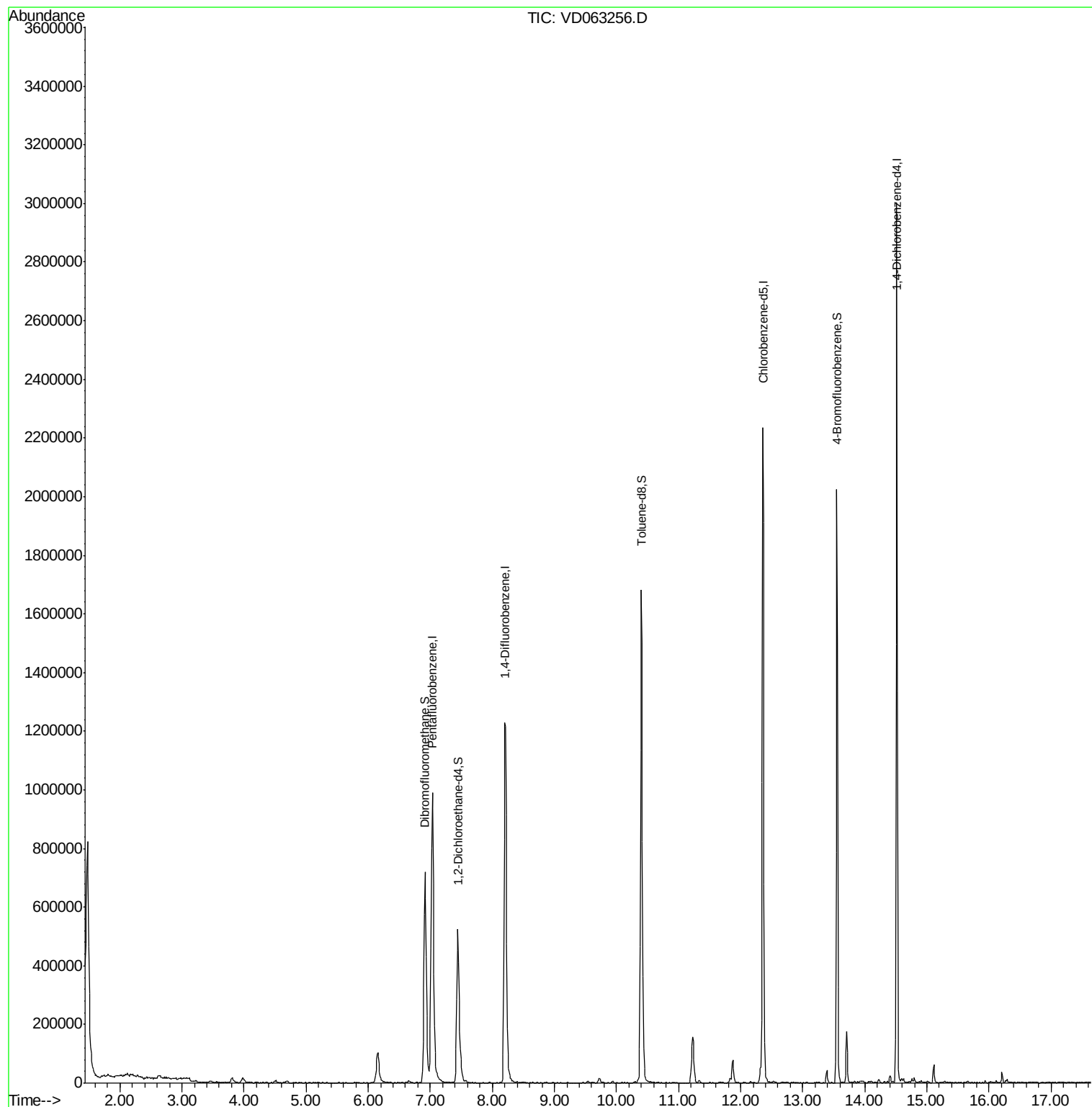
Target Compounds	Qvalue

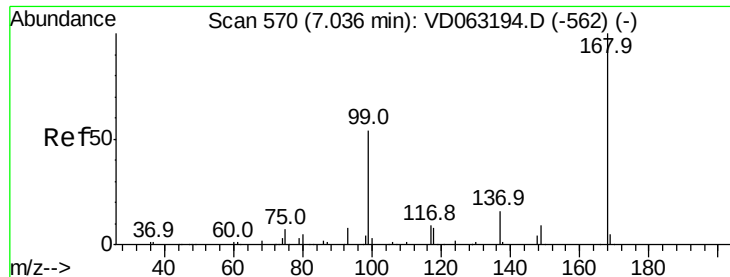
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
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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: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063256.D

Acq: 30 Jul 2019 23:43

Instrument :

MSVOA_D

ClientSampleId :

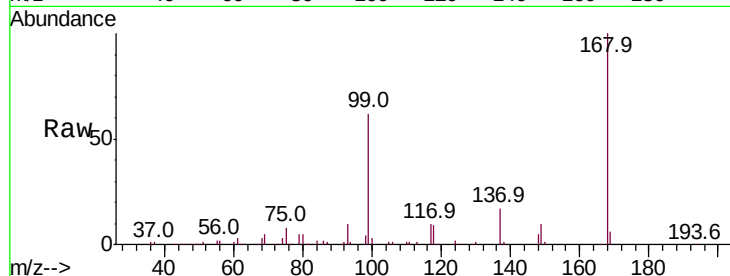
VD0730SBL02

Tot Ion:168 Resp: 998530

Ion Ratio Lower Upper

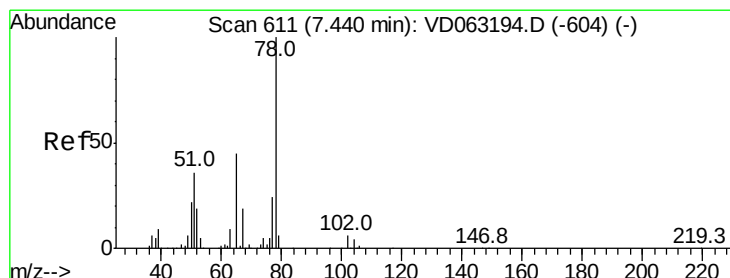
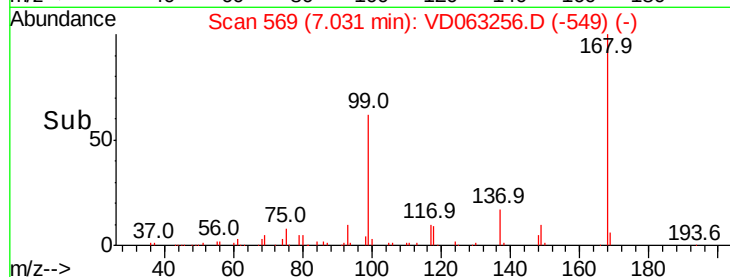
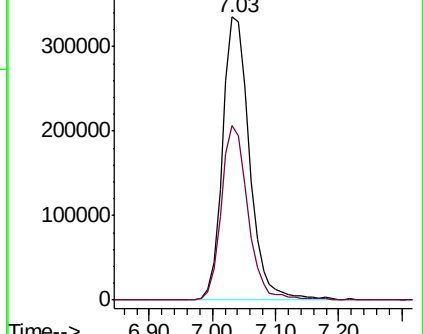
168 100

99 61.7 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: 49.548 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063256.D

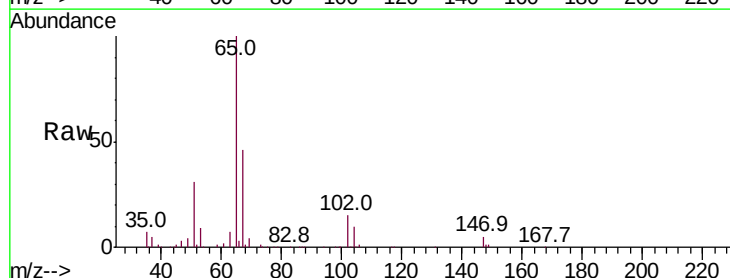
Acq: 30 Jul 2019 23:43

Tgt Ion: 65 Resp: 548969

Ion Ratio Lower Upper

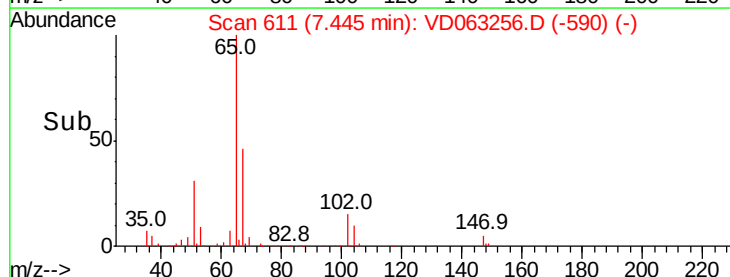
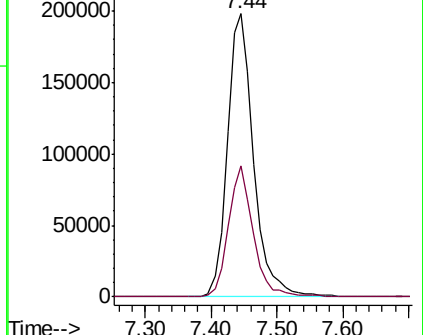
65 100

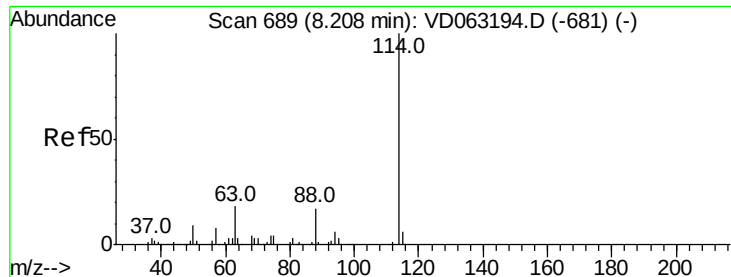
67 46.4 0.0 85.8



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: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063256.D

Acq: 30 Jul 2019 23:43

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL02

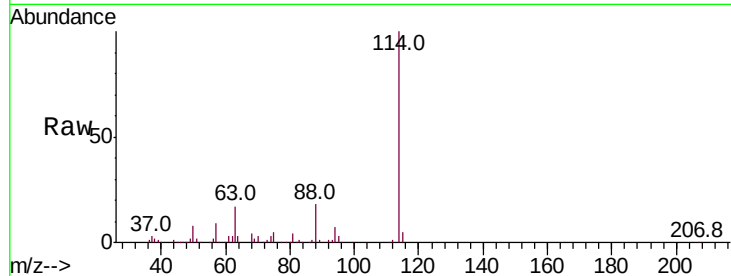
Tot Ion:114 Resp: 1427820

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

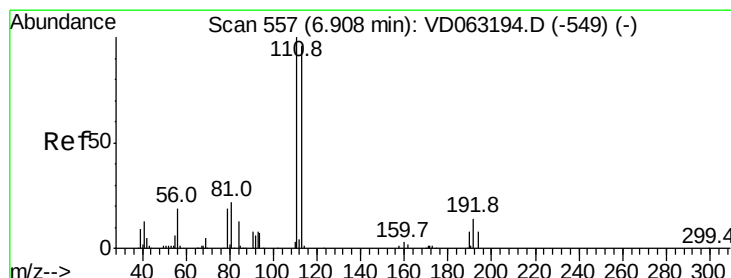
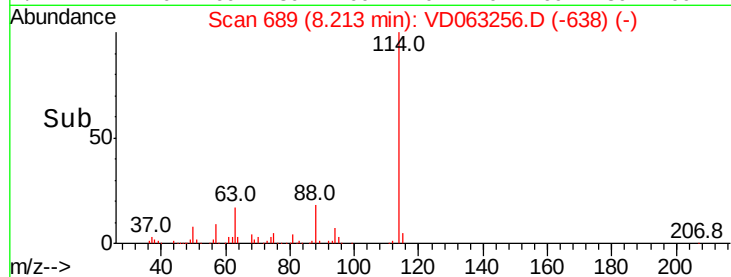
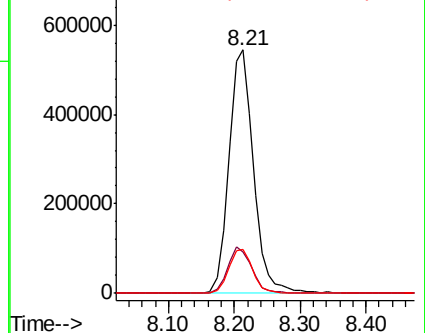
88 17.8 0.0 34.6



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: 50.606 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD063256.D

Acq: 30 Jul 2019 23:43

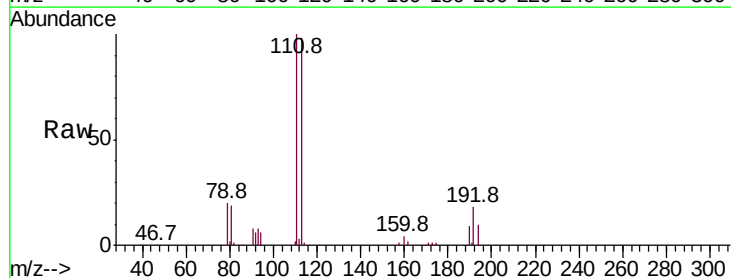
Tgt Ion:113 Resp: 616913

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

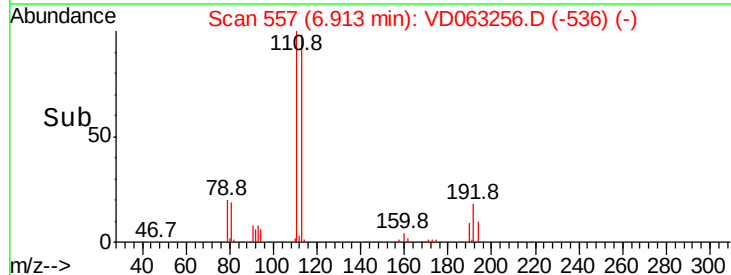
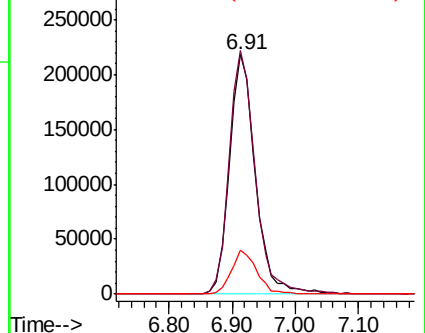
192 18.3 11.8 17.8#

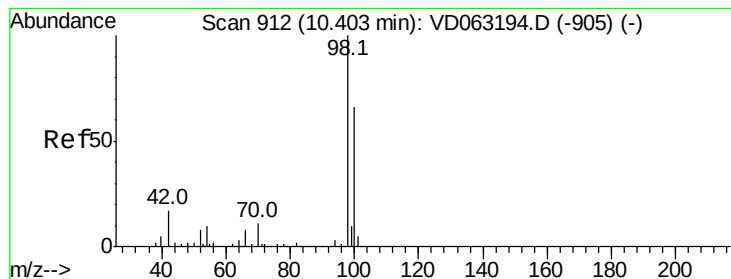


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 50.498 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD063256.D

Acq: 30 Jul 2019 23:43

Instrument :

MSVOA_D

ClientSampleId :

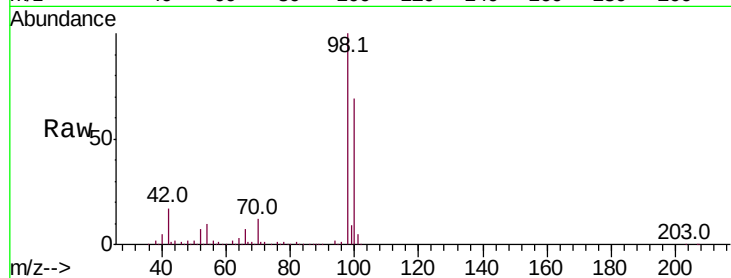
VD0730SBL02

Tot Ion: 98 Resp: 1377707

Ion Ratio Lower Upper

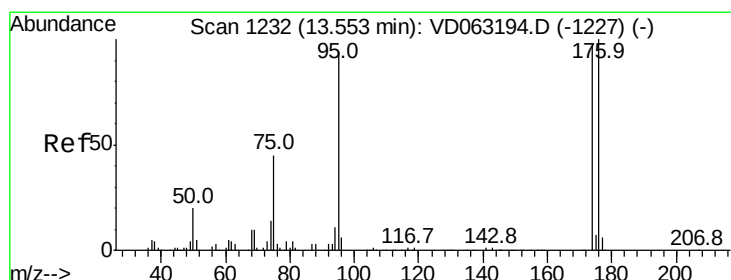
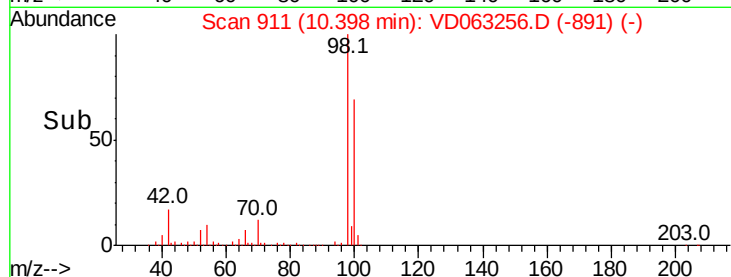
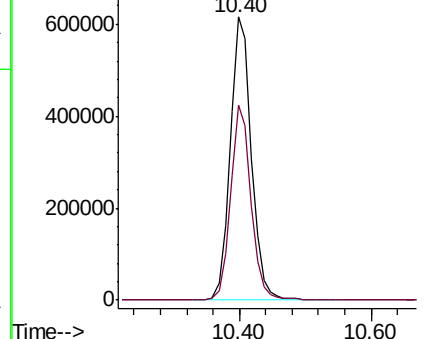
98 100

100 68.9 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: 45.156 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD063256.D

Acq: 30 Jul 2019 23:43

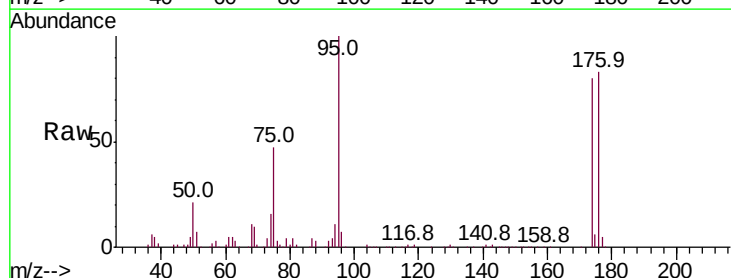
Tgt Ion: 95 Resp: 561402

Ion Ratio Lower Upper

95 100

174 80.4 0.0 205.4

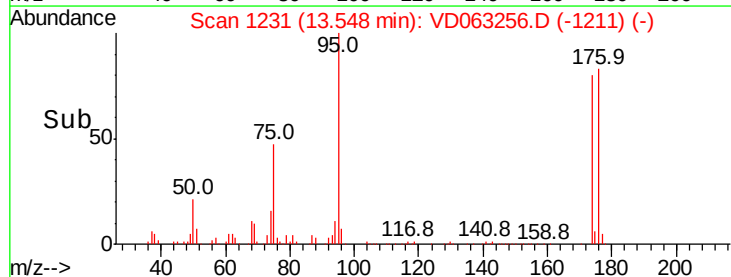
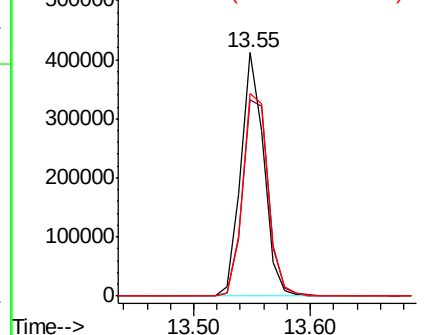
176 83.1 0.0 211.8

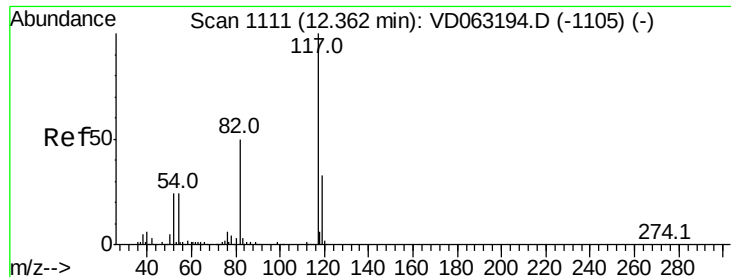


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

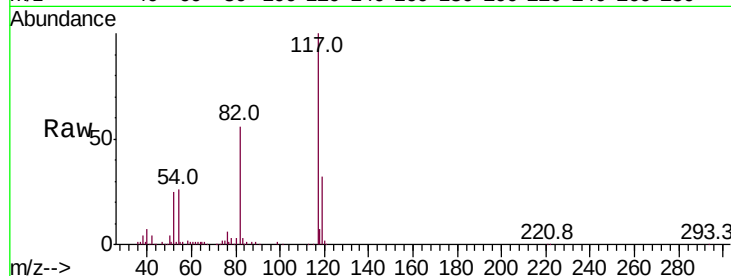




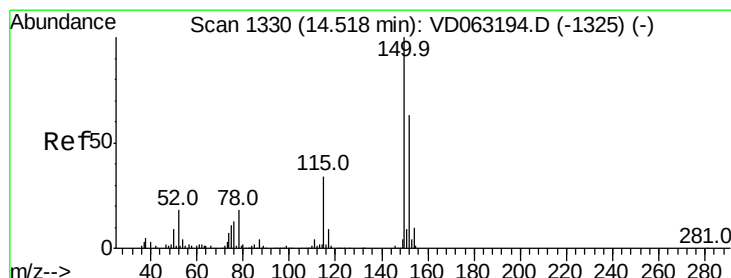
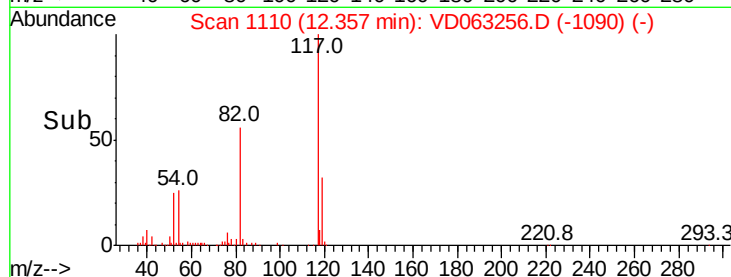
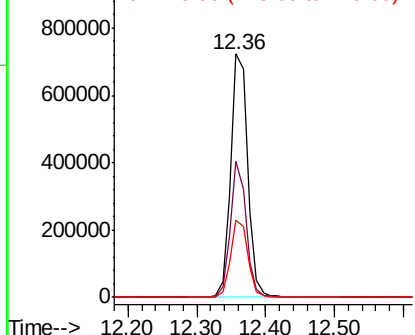
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063256.D
Acq: 30 Jul 2019 23:43

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL02

Tot Ion:117 Resp: 1233080
Ion Ratio Lower Upper
117 100
82 56.0 40.1 60.1
119 31.6 26.5 39.7

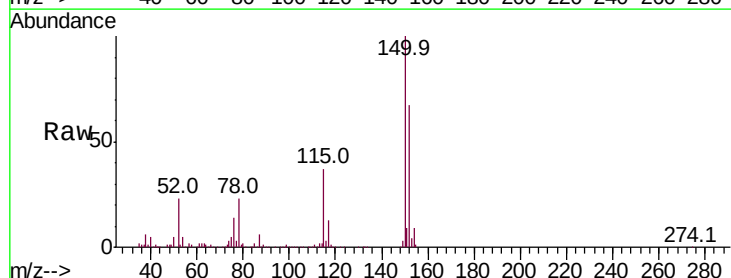


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063256.D
Acq: 30 Jul 2019 23:43

Tgt Ion:152 Resp: 619020
Ion Ratio Lower Upper
152 100
115 55.5 27.5 82.4
150 148.7 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

