

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063244.D
 Acq On : 30 Jul 2019 16:19
 Operator : VA/AP
 Sample : K4049-02
 Misc : 4.06g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Jul 31 06:35:03 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	889058	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1168875	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	877695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	323958	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	435335	44.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.26%	
35) Dibromofluoromethane	6.92	113	471819	47.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	94.56%	
50) Toluene-d8	10.40	98	875654	39.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.42%	
62) 4-Bromofluorobenzene	13.55	95	304455	29.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.82%	

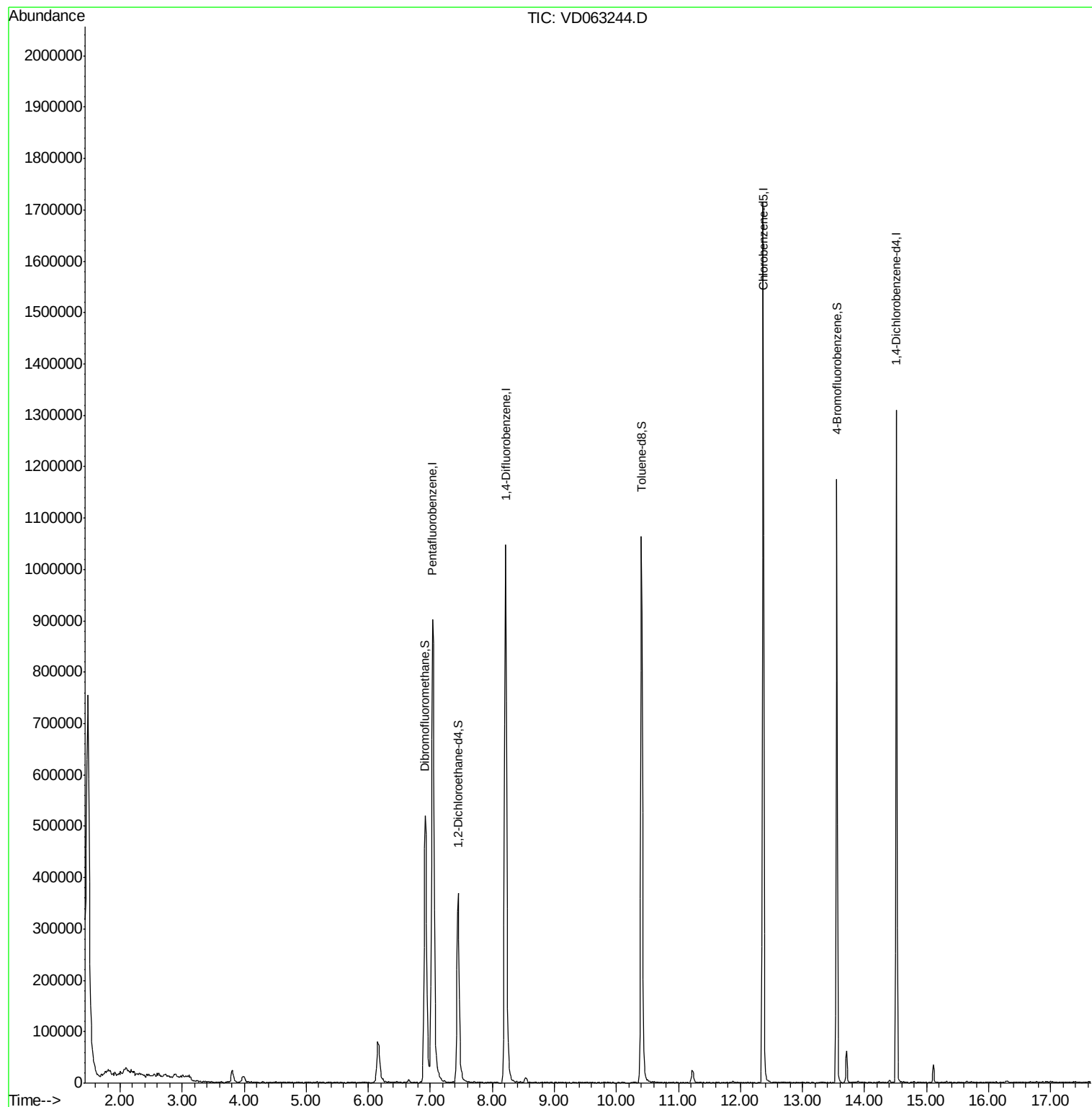
Target Compounds	Qvalue
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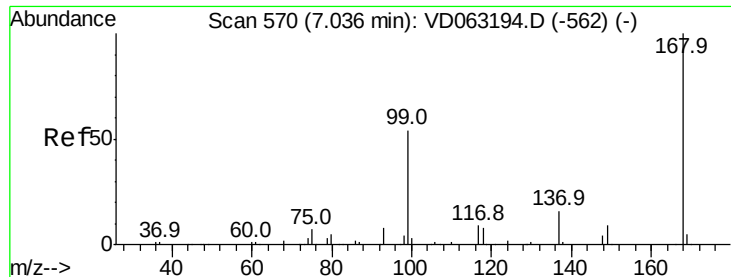
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
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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: VD063244.D

Acq: 30 Jul 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

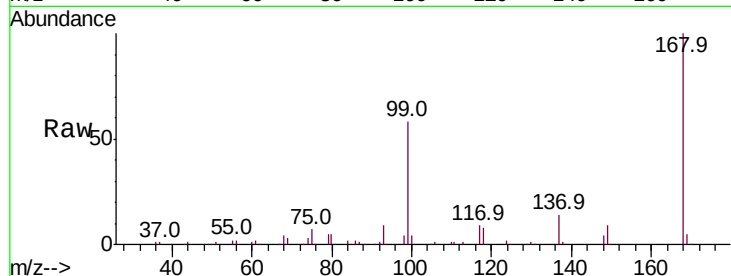
SP-2

Tot Ion:168 Resp: 889058

Ion Ratio Lower Upper

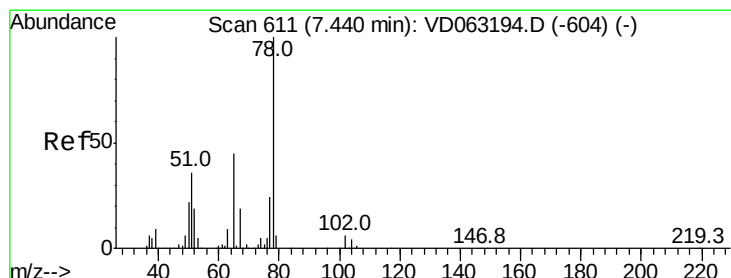
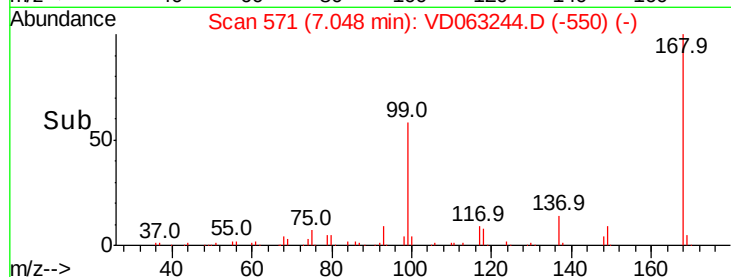
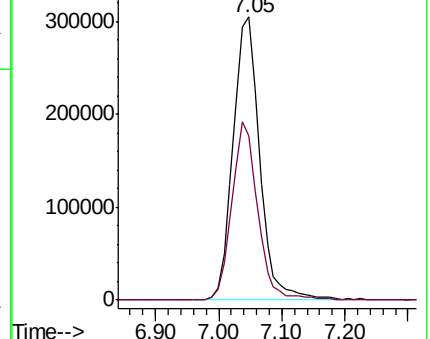
168 100

99 58.2 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: 44.129 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063244.D

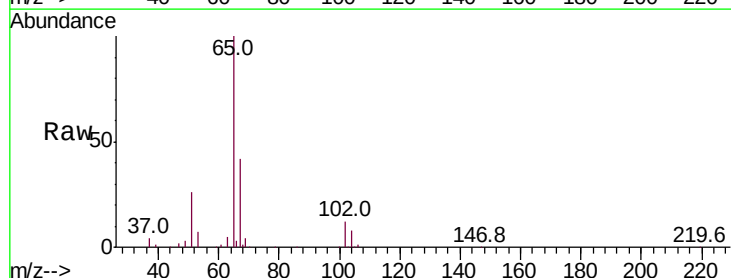
Acq: 30 Jul 2019 16:19

Tgt Ion: 65 Resp: 435335

Ion Ratio Lower Upper

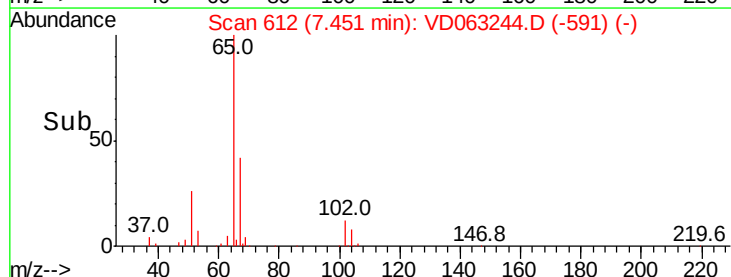
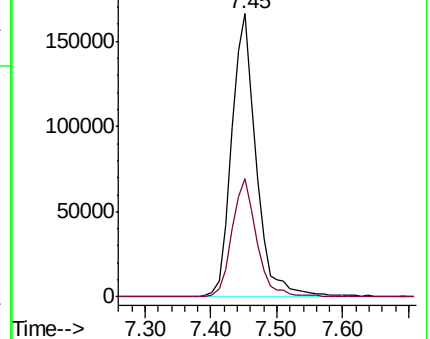
65 100

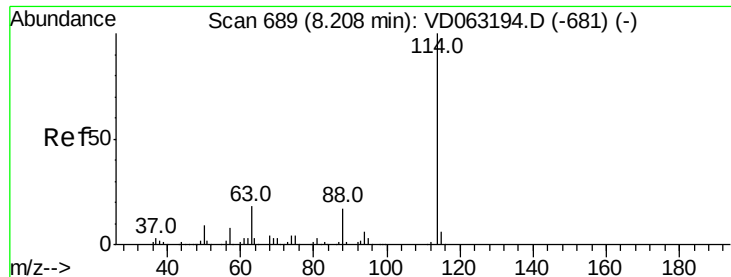
67 41.7 0.0 85.8



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: VD063244.D

Acq: 30 Jul 2019 16:19

Instrument :

MSVOA_D

ClientSampleId :

SP-2

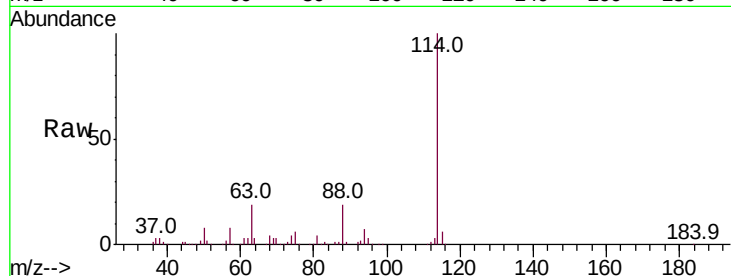
Tot Ion:114 Resp: 1168875

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.2

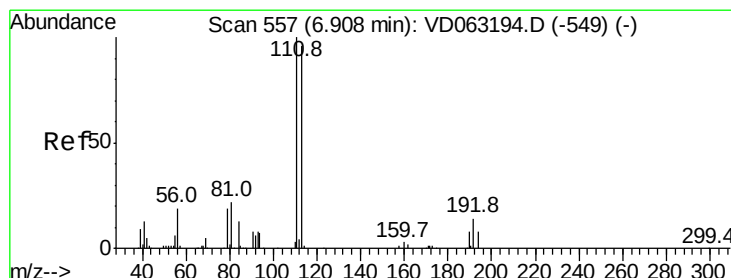
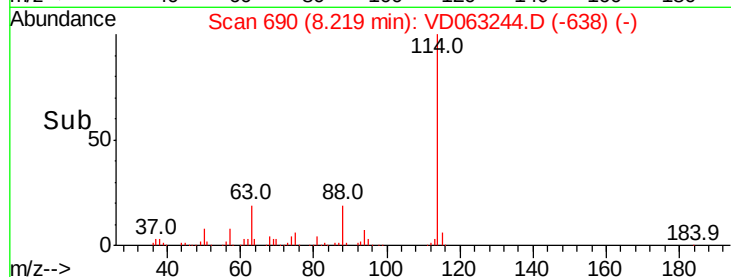
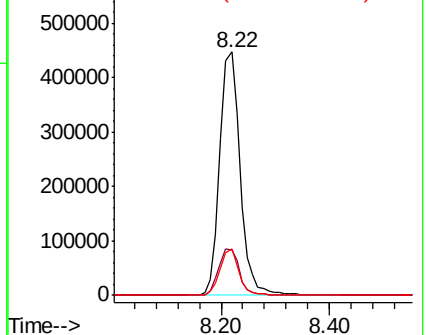
88 19.2 0.0 34.6



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: 47.278 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063244.D

Acq: 30 Jul 2019 16:19

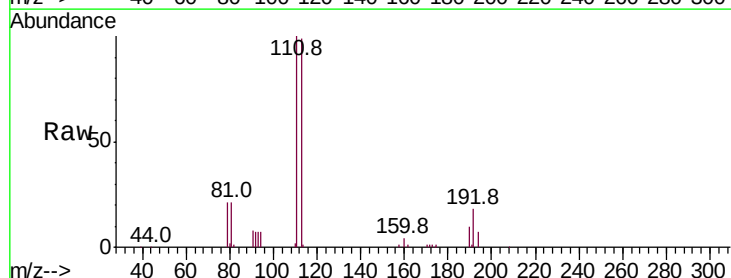
Tgt Ion:113 Resp: 471819

Ion Ratio Lower Upper

113 100

111 100.6 83.2 124.8

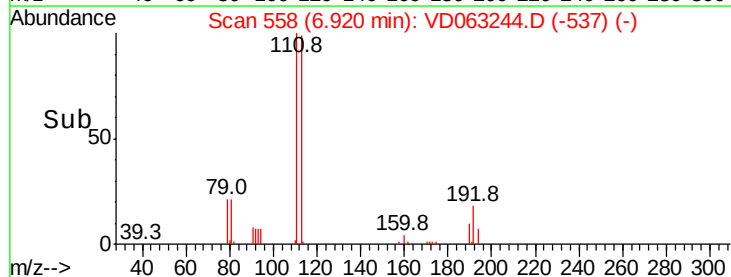
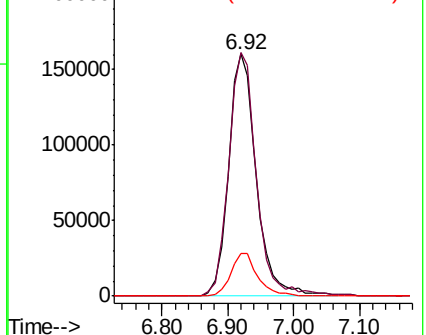
192 17.9 11.8 17.8#

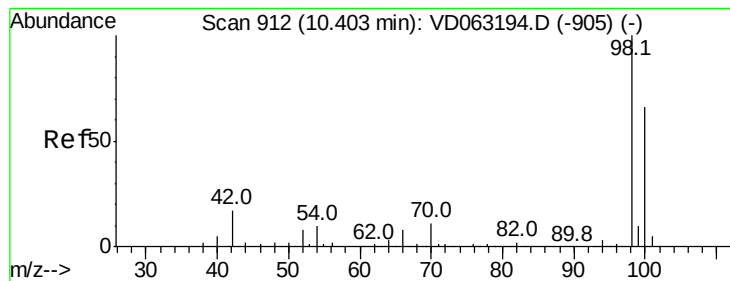


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 39.206 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063244.D

Acq: 30 Jul 2019 16:19

Instrument :

MSVOA_D

ClientSampled :

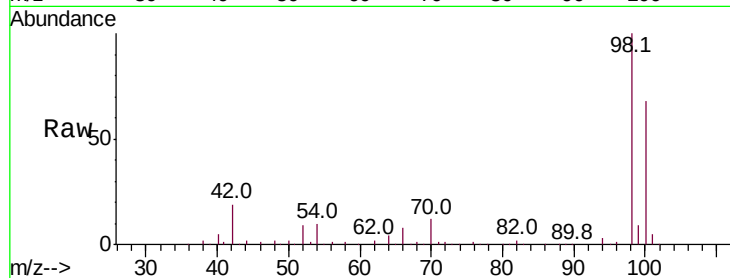
SP-2

Tot Ion: 98 Resp: 875654

Ion Ratio Lower Upper

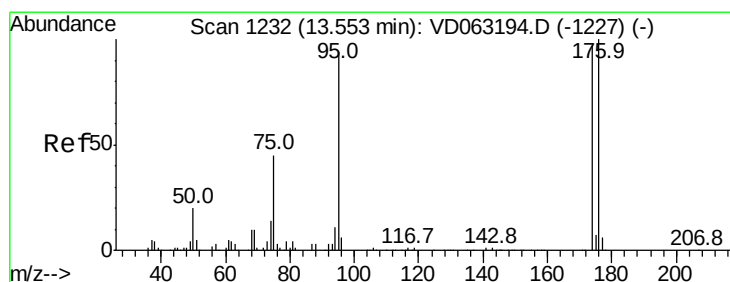
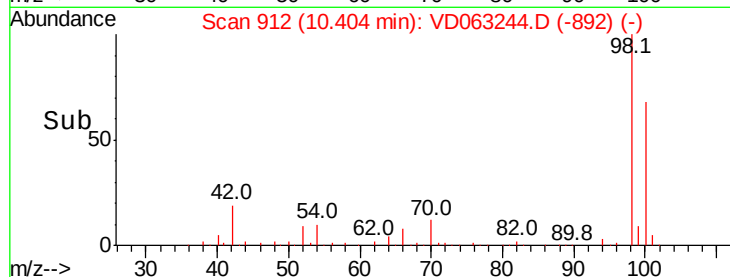
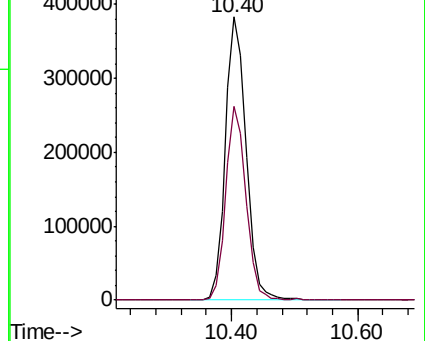
98 100

100 68.3 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: 29.914 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063244.D

Acq: 30 Jul 2019 16:19

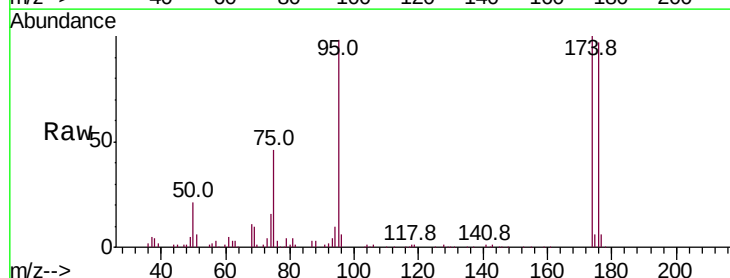
Tgt Ion: 95 Resp: 304455

Ion Ratio Lower Upper

95 100

174 101.7 0.0 205.4

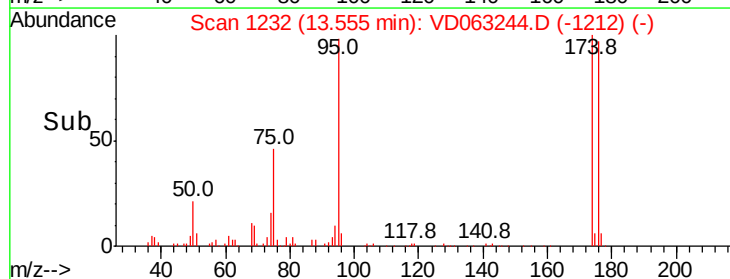
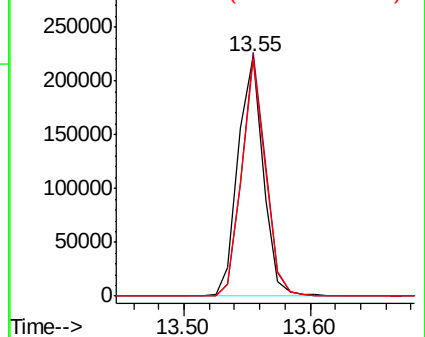
176 98.9 0.0 211.8

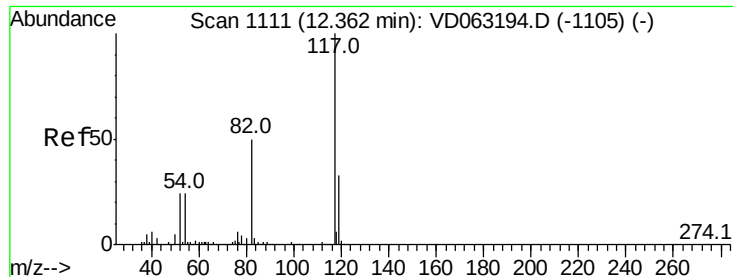


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

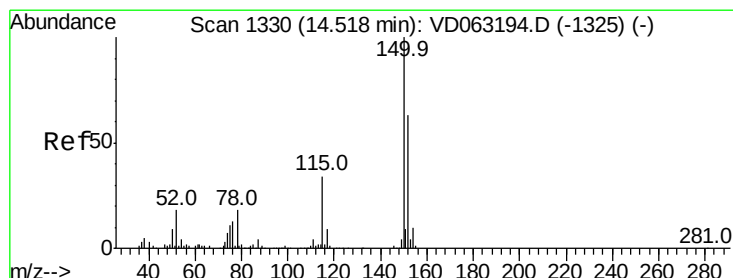
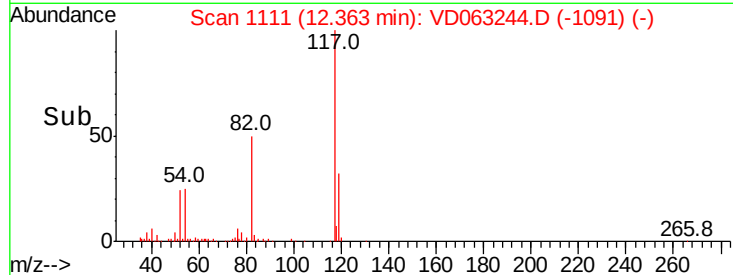
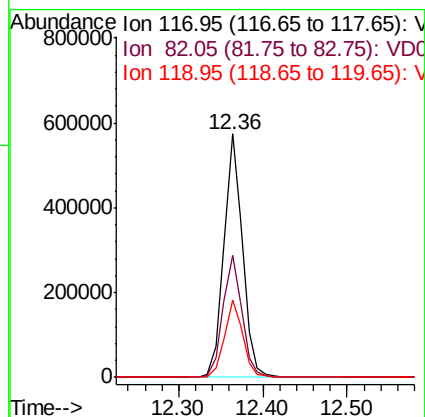
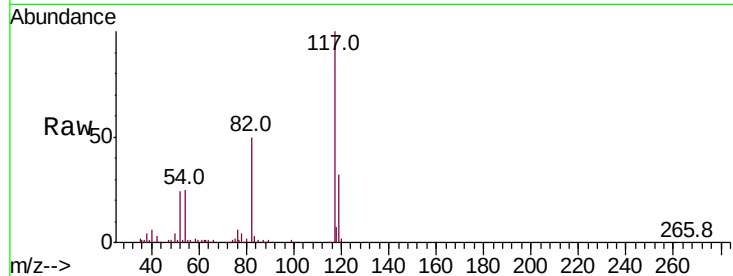




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063244.D
Acq: 30 Jul 2019 16:19

Instrument :
MSVOA_D
ClientSampled :
SP-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	40.1	60.1
119	31.5	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: VD063244.D
Acq: 30 Jul 2019 16:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.6	27.5	82.4
150	149.9	0.0	320.6

