

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050919\
 Data File : VD062190.D
 Acq On : 9 May 2019 16:06
 Operator : FY/SY
 Sample : K2717-01RE
 Misc : 5.60g/5mL/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Quant Time: May 10 04:45:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	23966	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.19	114	41123	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	36165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	13956	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	21638	97.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	194.30%	
35) Dibromofluoromethane	6.89	113	20625	60.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.90%	
50) Toluene-d8	10.39	98	40424	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	13.55	95	16437	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	

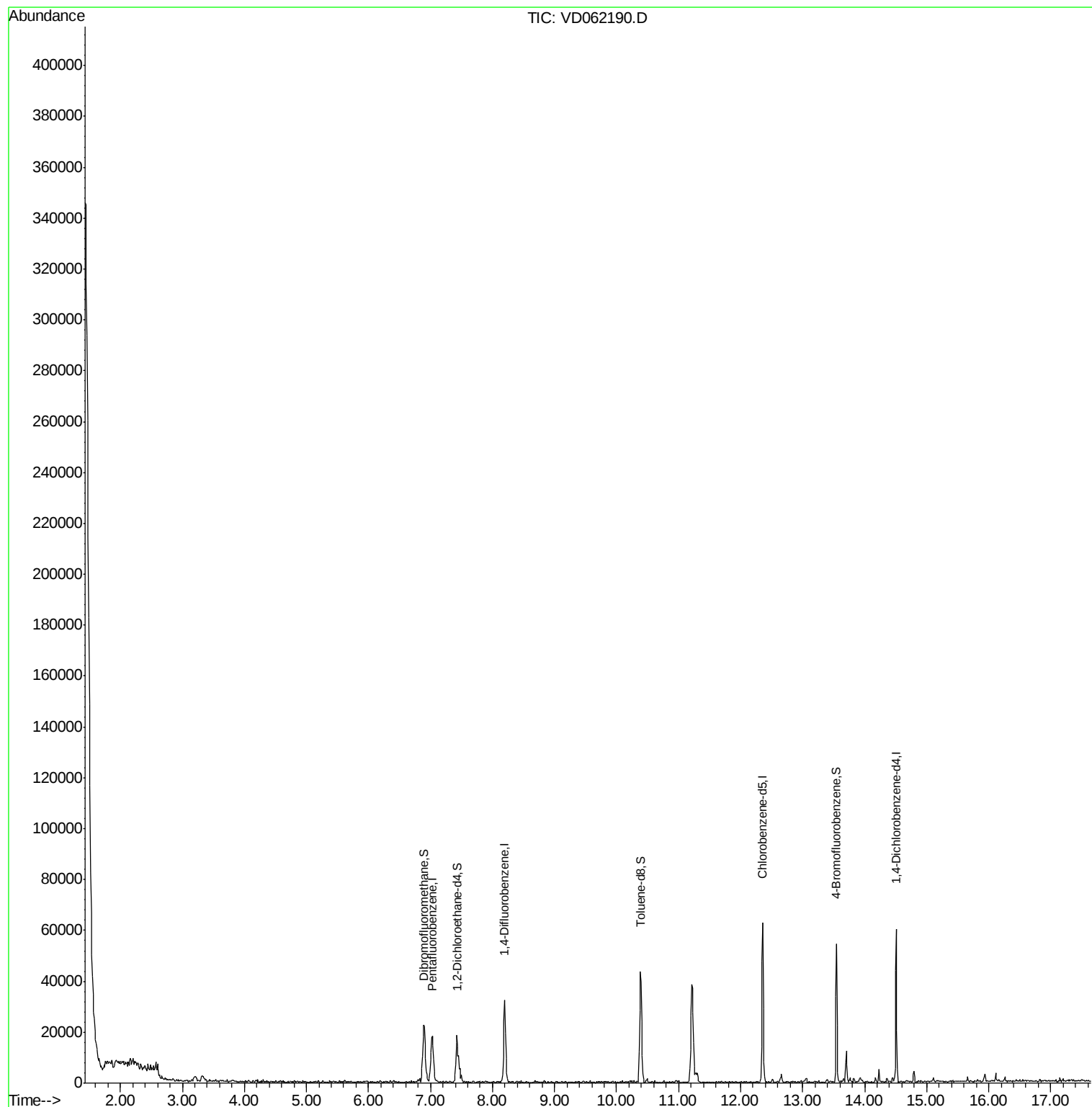
Target Compounds	Qvalue
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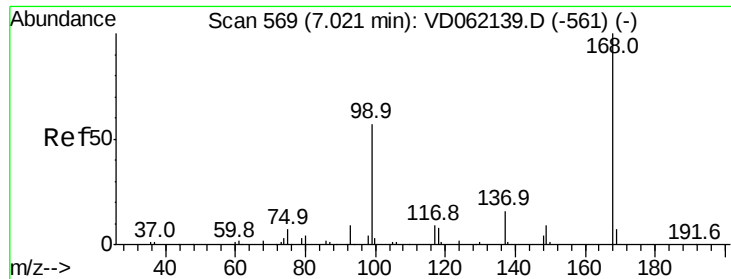
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

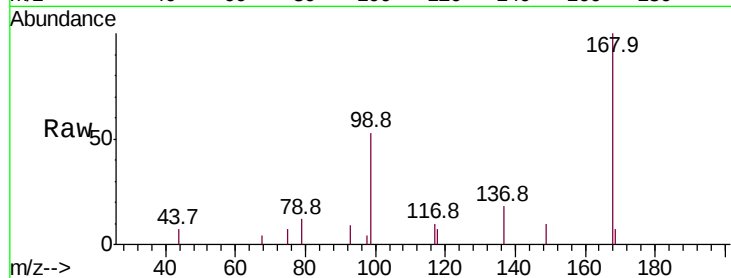
P026-SS001-0002-01RE

Tot Ion:168 Resp: 23966

Ion Ratio Lower Upper

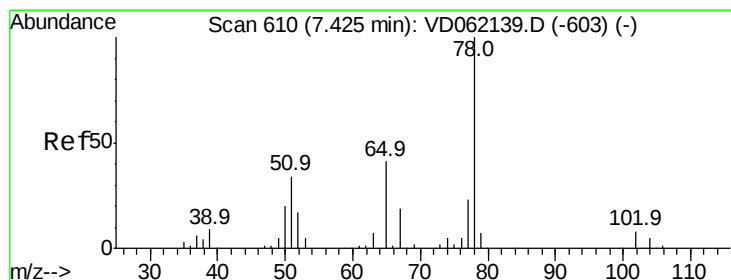
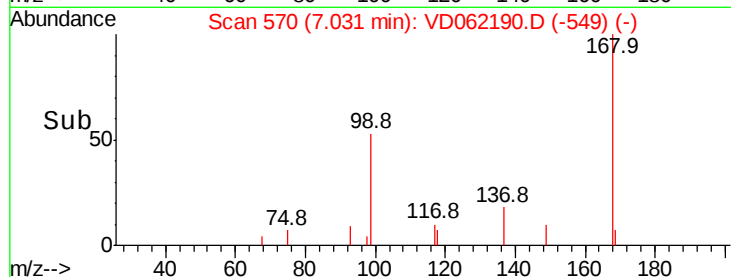
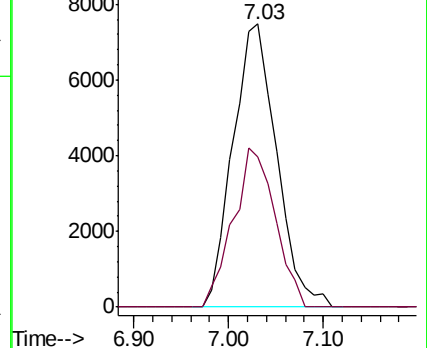
168 100

99 53.1 46.5 69.7



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: 97.154 ug/l

RT: 7.42 min Scan# 610

Delta R.T. 0.00 min

Lab File: VD062190.D

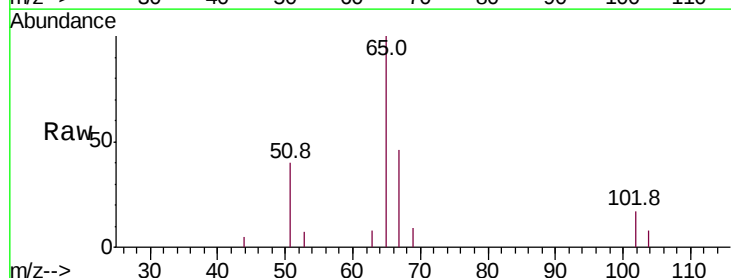
Acq: 9 May 2019 16:06

Tgt Ion: 65 Resp: 21638

Ion Ratio Lower Upper

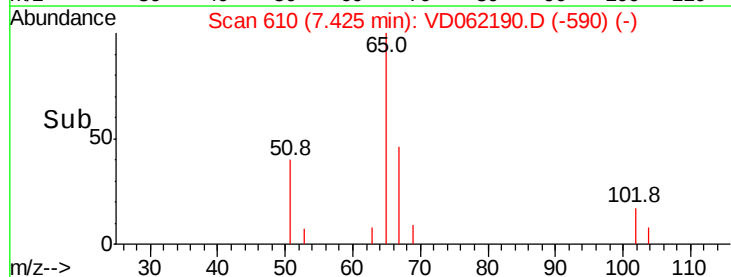
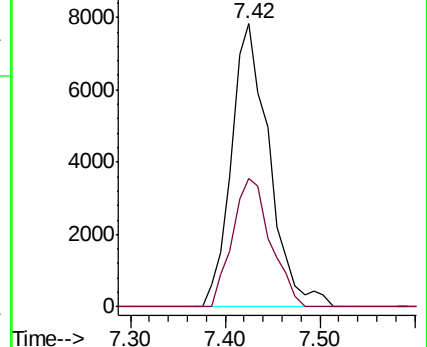
65 100

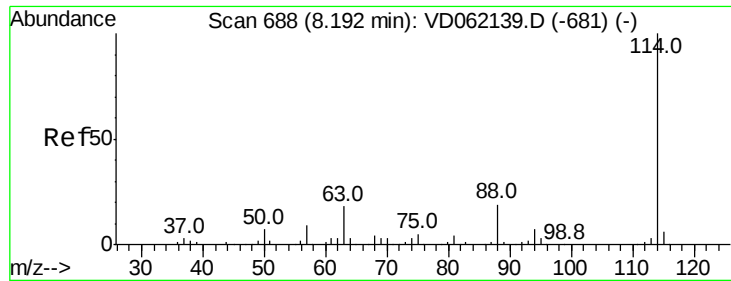
67 45.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

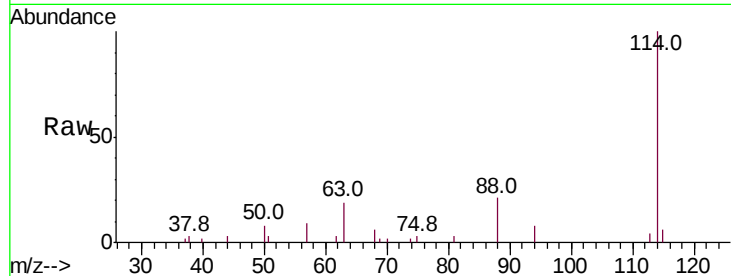




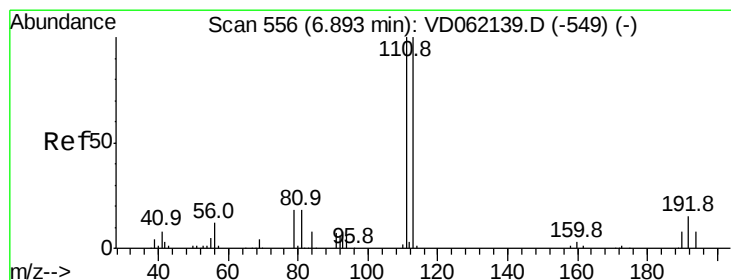
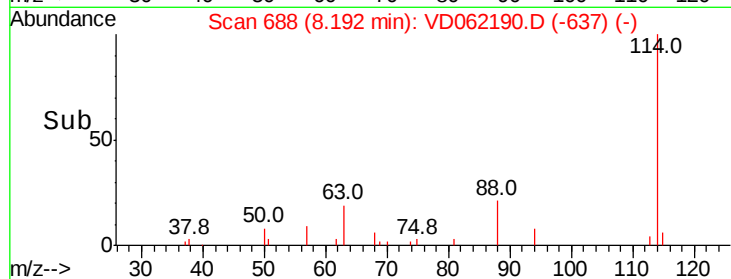
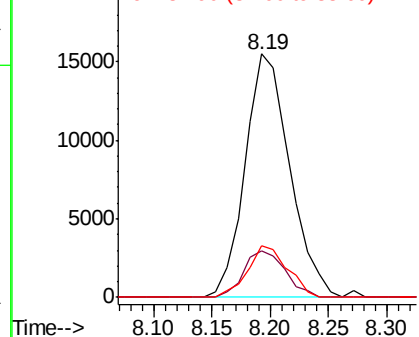
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS001-0002-01RE

Tot Ion:114 Resp: 41123
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 32.4
 88 21.1 0.0 33.6

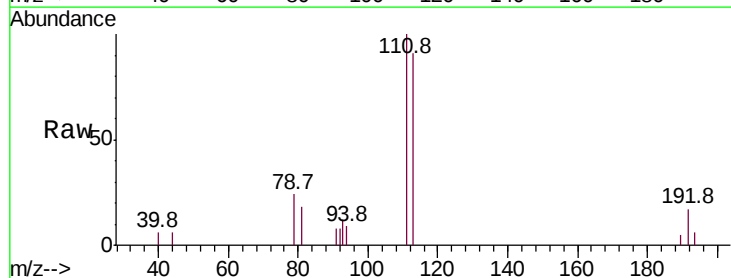


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

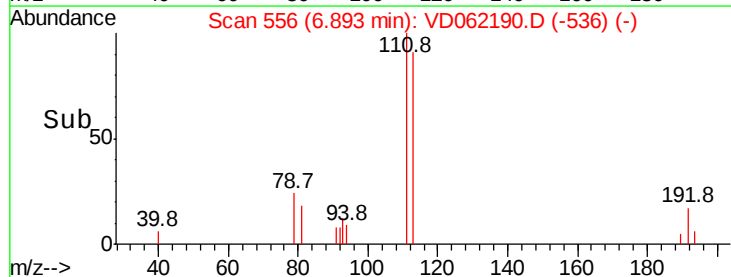
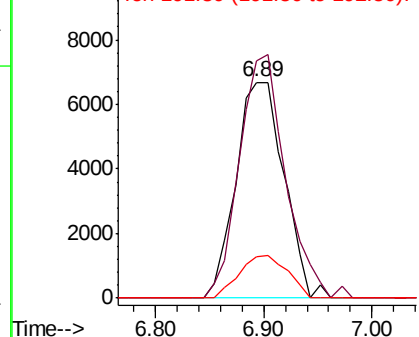


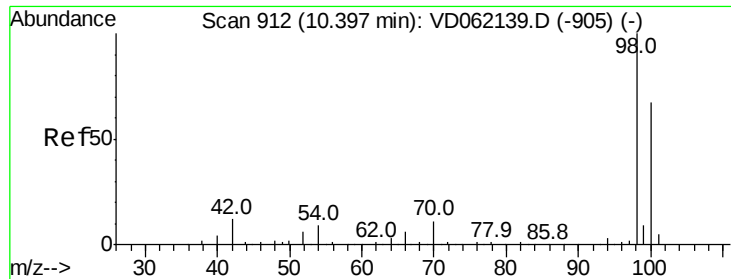
#35
 Dibromofluoromethane
 Concen: 60.448 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: VD062190.D
 Acq: 9 May 2019 16:06

Tgt Ion:113 Resp: 20625
 Ion Ratio Lower Upper
 113 100
 111 110.0 78.5 117.7
 192 19.1 13.0 19.4



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: 49.138 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

Instrument :

MSVOA_D

ClientSampleId :

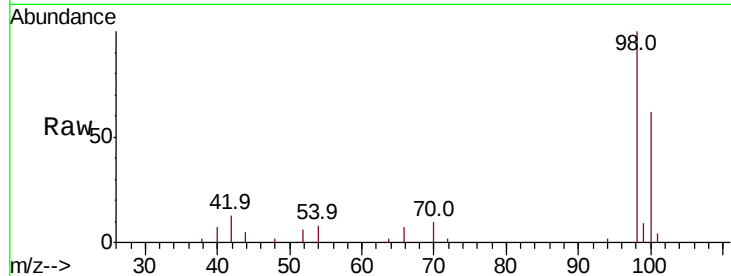
P026-SS001-0002-01RE

Tot Ion: 98 Resp: 40424

Ion Ratio Lower Upper

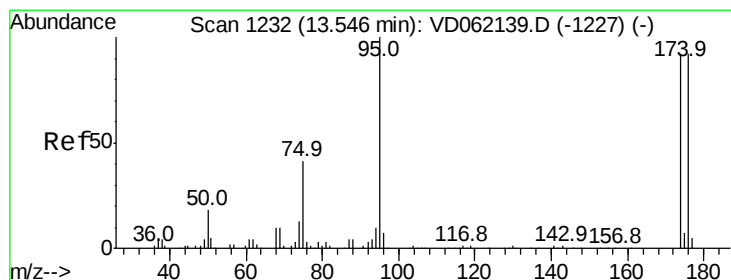
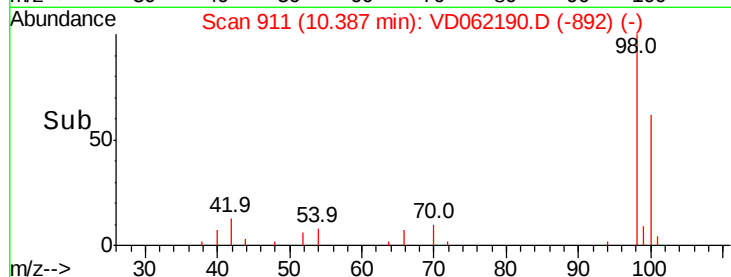
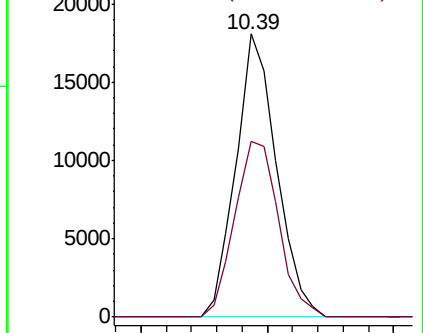
98 100

100 61.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 49.756 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062190.D

Acq: 9 May 2019 16:06

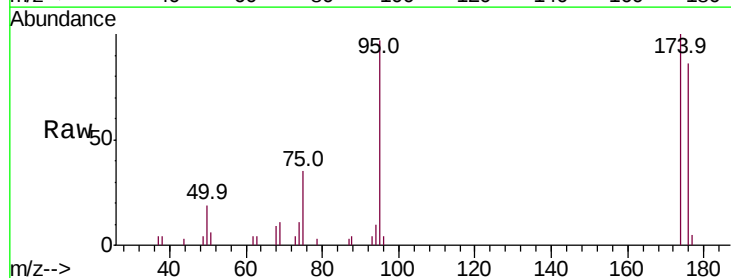
Tgt Ion: 95 Resp: 16437

Ion Ratio Lower Upper

95 100

174 103.6 0.0 181.8

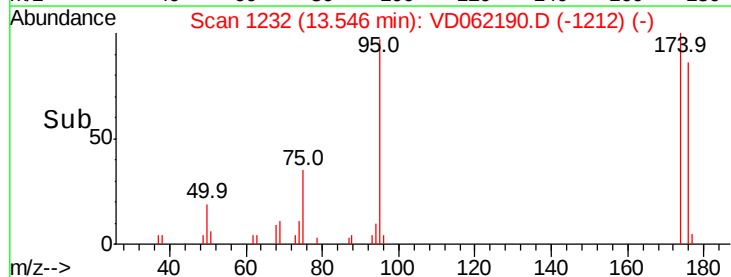
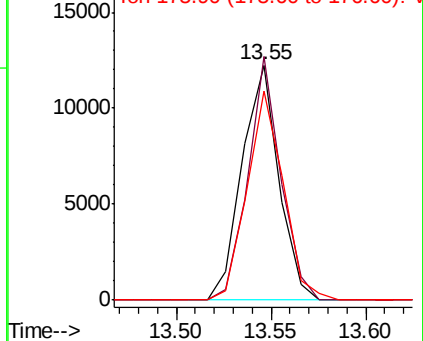
176 88.8 0.0 174.4

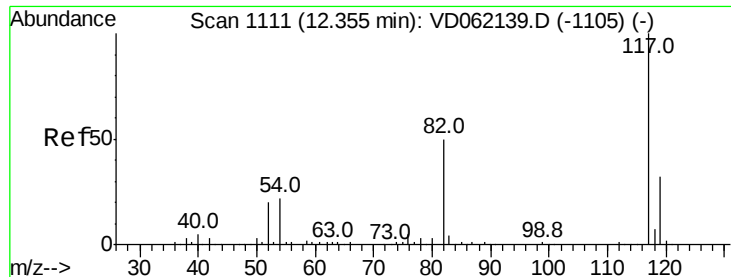


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

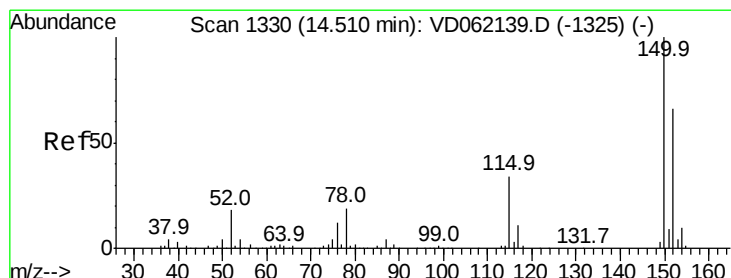
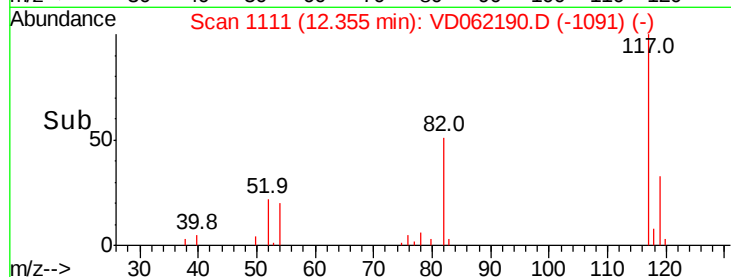
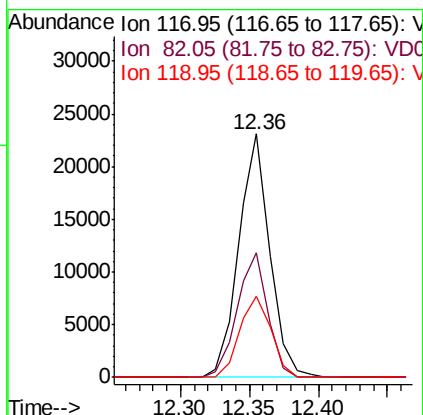
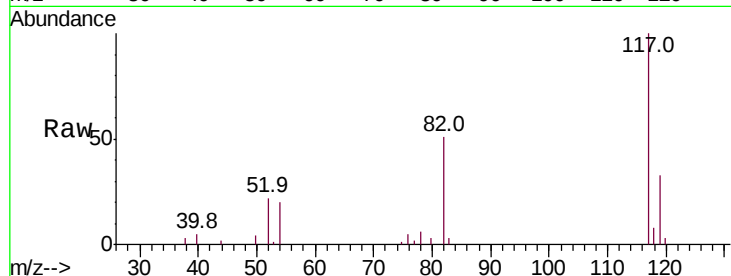




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Instrument :
MSVOA_D
ClientSampleId :
P026-SS001-0002-01RE

Tot Ion:117 Resp: 36165
Ion Ratio Lower Upper
117 100
82 54.4 36.2 54.2#
119 33.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062190.D
Acq: 9 May 2019 16:06

Tgt Ion:152 Resp: 13956
Ion Ratio Lower Upper
152 100
115 67.3 30.9 92.7
150 170.6 0.0 314.8

