

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062899.D
 Acq On : 26 Jun 2019 3:02
 Operator : VA/AP
 Sample : K3528-01
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-9.5-10.0

Quant Time: Jun 26 07:29:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	697669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	967676	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	783020	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	426662	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	423624	55.86	ug/l	-0.01
Spiked Amount			Recovery	=	111.72%	
35) Dibromofluoromethane	6.93	113	444437	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
50) Toluene-d8	10.41	98	844430	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	13.55	95	402549	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

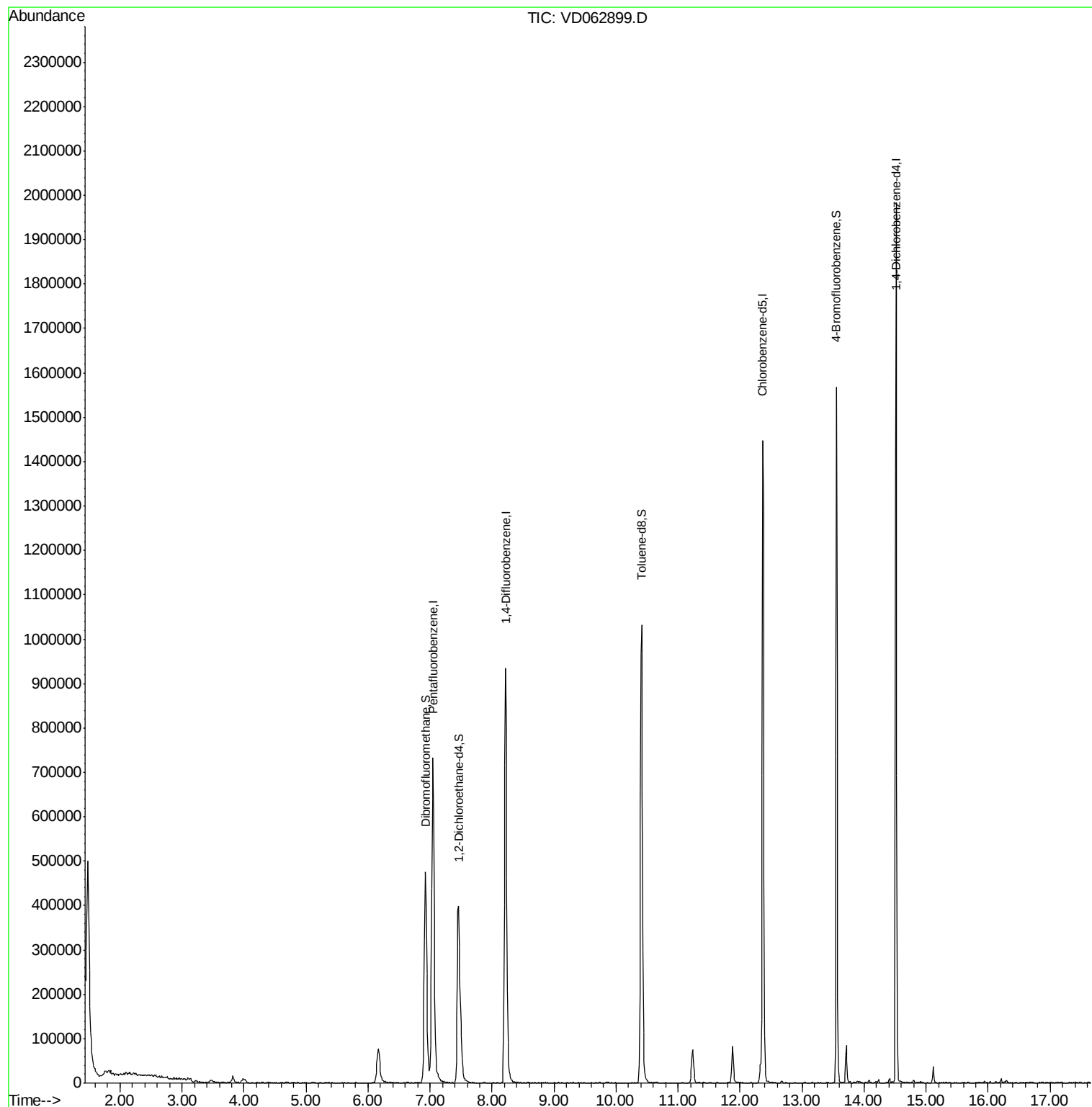
Target Compounds	Qvalue
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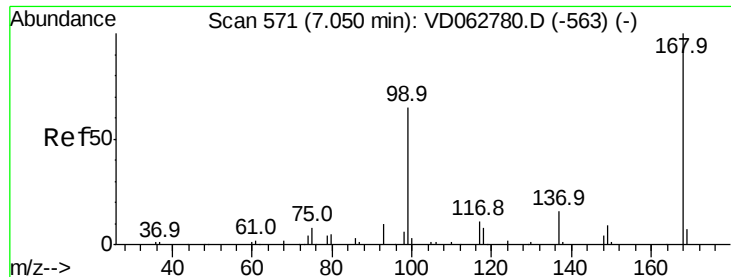
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

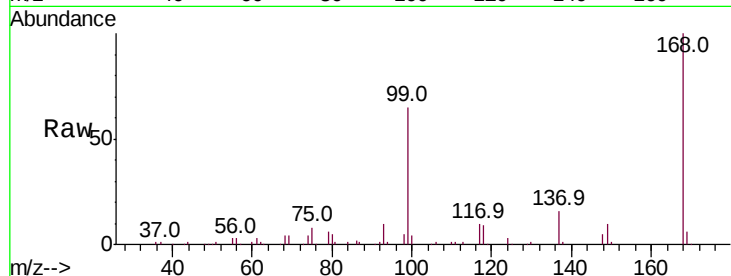
SB-06-9.5-10.0

Tot Ion:168 Resp: 697669

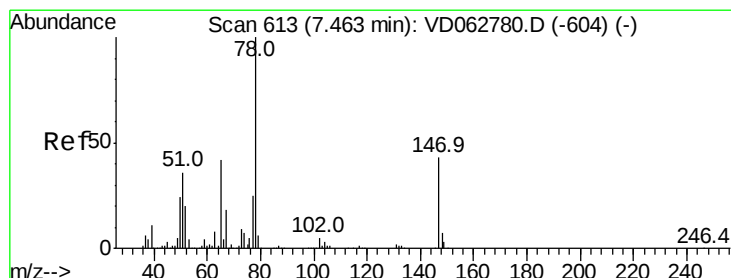
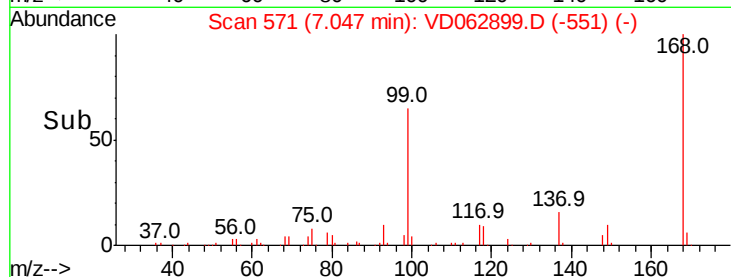
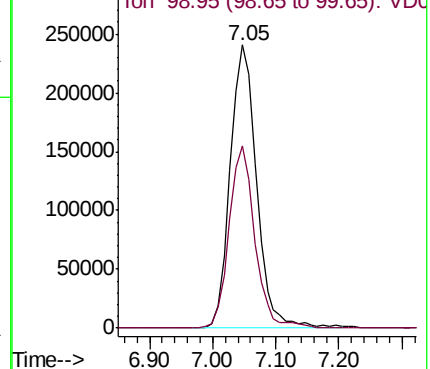
Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 55.861 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062899.D

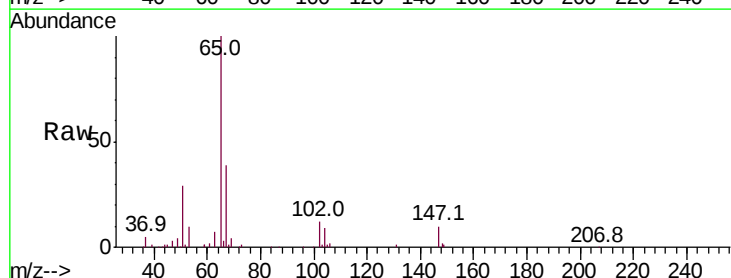
Acq: 26 Jun 2019 3:02

Tgt Ion: 65 Resp: 423624

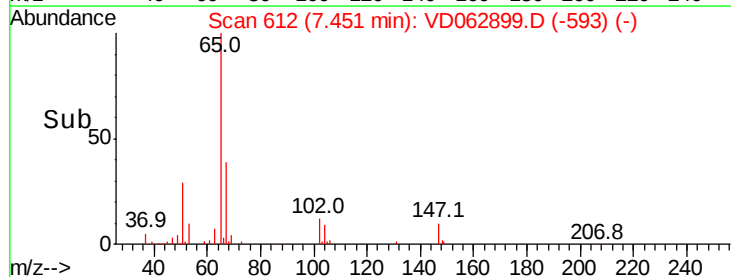
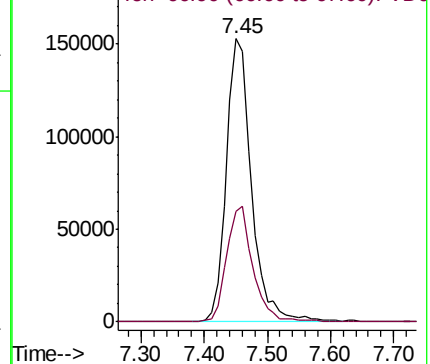
Ion Ratio Lower Upper

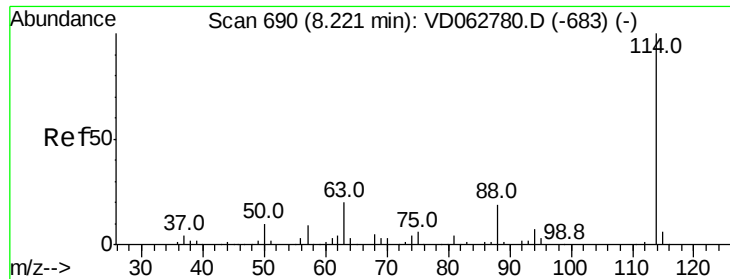
65 100

67 38.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

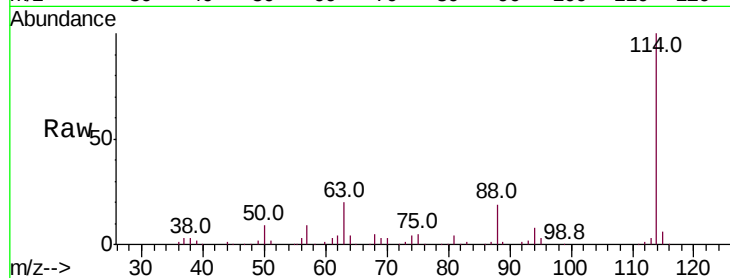




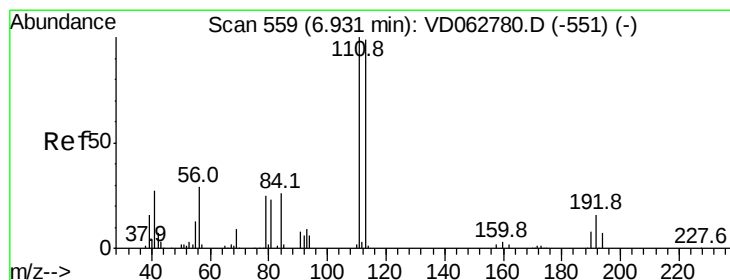
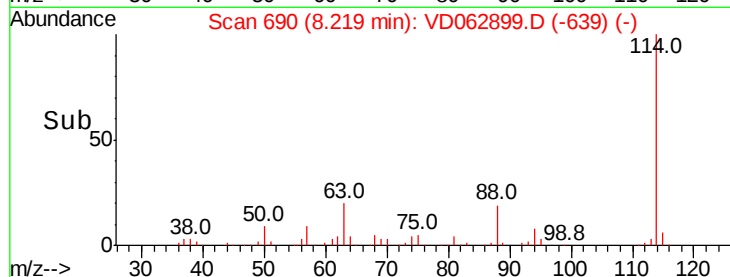
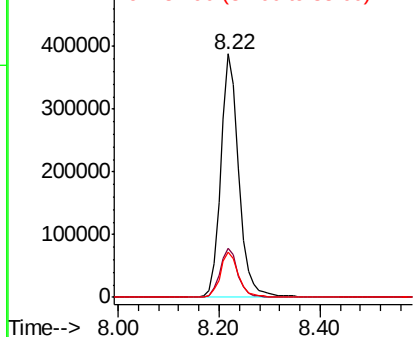
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062899.D
 Acq: 26 Jun 2019 3:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-9.5-10.0

Tot Ion:114 Resp: 967676
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 18.5 0.0 38.8

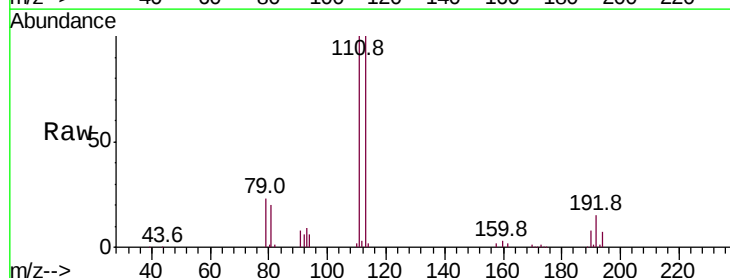


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

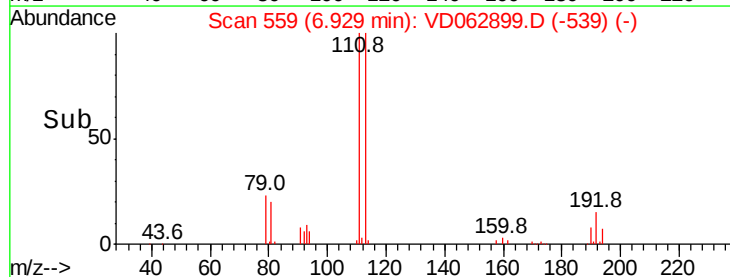
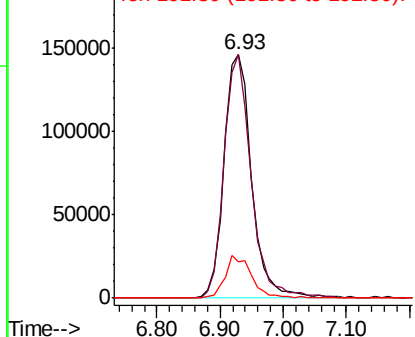


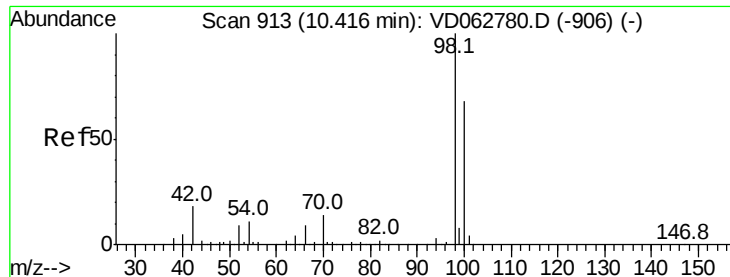
#35
 Dibromofluoromethane
 Concen: 54.469 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062899.D
 Acq: 26 Jun 2019 3:02

Tgt Ion:113 Resp: 444437
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.2 121.8
 192 15.1 12.9 19.3



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: 47.550 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

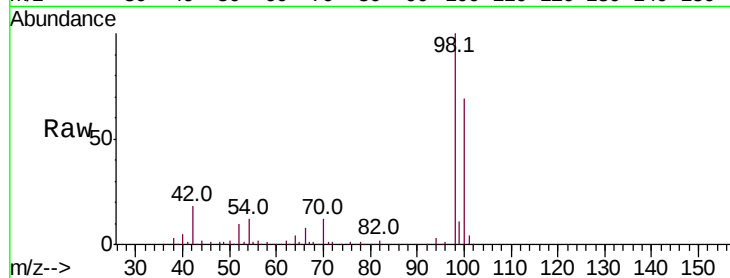
SB-06-9.5-10.0

Tot Ion: 98 Resp: 844430

Ion Ratio Lower Upper

98 100

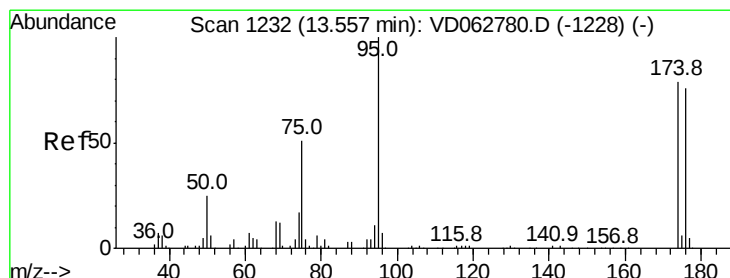
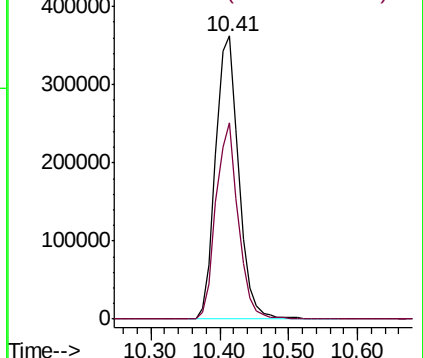
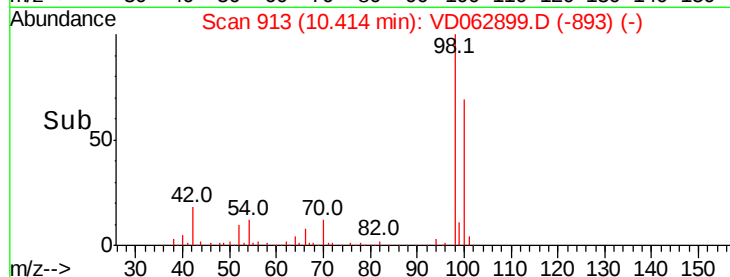
100 69.4 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41



#62

4-Bromofluorobenzene

Concen: 49.851 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

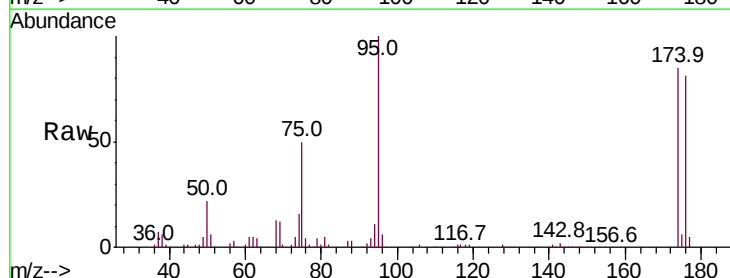
Tgt Ion: 95 Resp: 402549

Ion Ratio Lower Upper

95 100

174 84.9 0.0 158.0

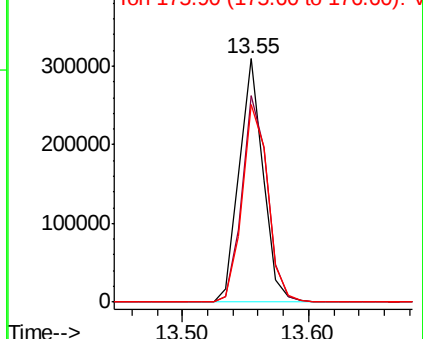
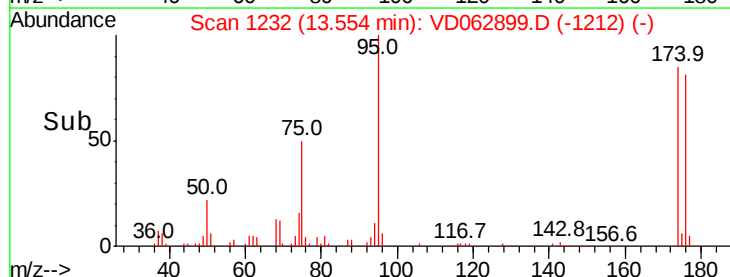
176 81.3 0.0 151.6

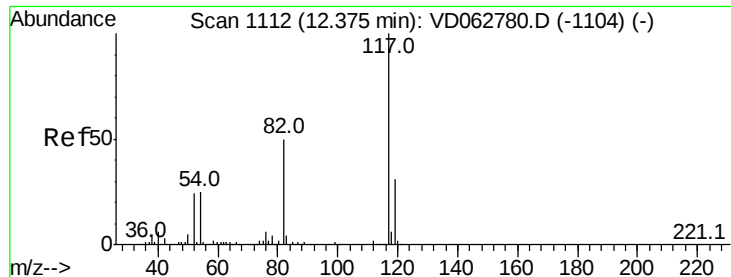


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

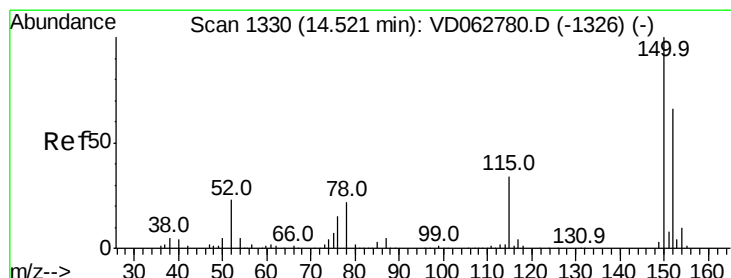
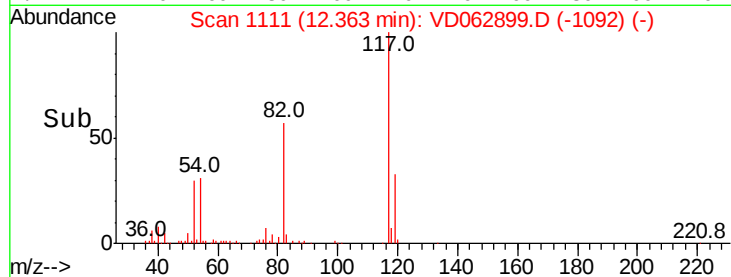
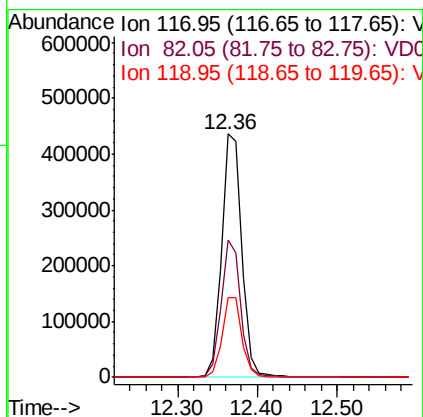
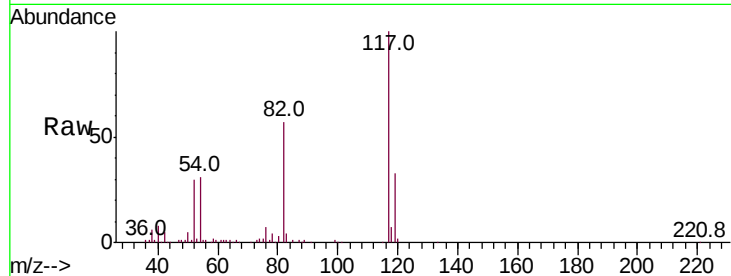




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

Tot Ion:117 Resp: 783020
Ion Ratio Lower Upper
117 100
82 56.6 40.4 60.6
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Tgt Ion:152 Resp: 426662
Ion Ratio Lower Upper
152 100
115 56.4 29.2 87.6
150 158.2 0.0 305.8

