

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051119\
 Data File : VD062247.D
 Acq On : 11 May 2019 19:45
 Operator : FY/SY
 Sample : K2719-22
 Misc : 5.64g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS011-1824-01

Quant Time: May 15 02:55:06 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	7.05	168	616009	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	783560	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	583069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	175977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	335225	58.56	ug/l	0.03
Spiked Amount	50.000		Recovery	=	117.12%	
35) Dibromofluoromethane	6.92	113	368033	56.61	ug/l	0.03
Spiked Amount	50.000		Recovery	=	113.22%	
50) Toluene-d8	10.41	98	714468	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	13.56	95	207246	32.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.84%	

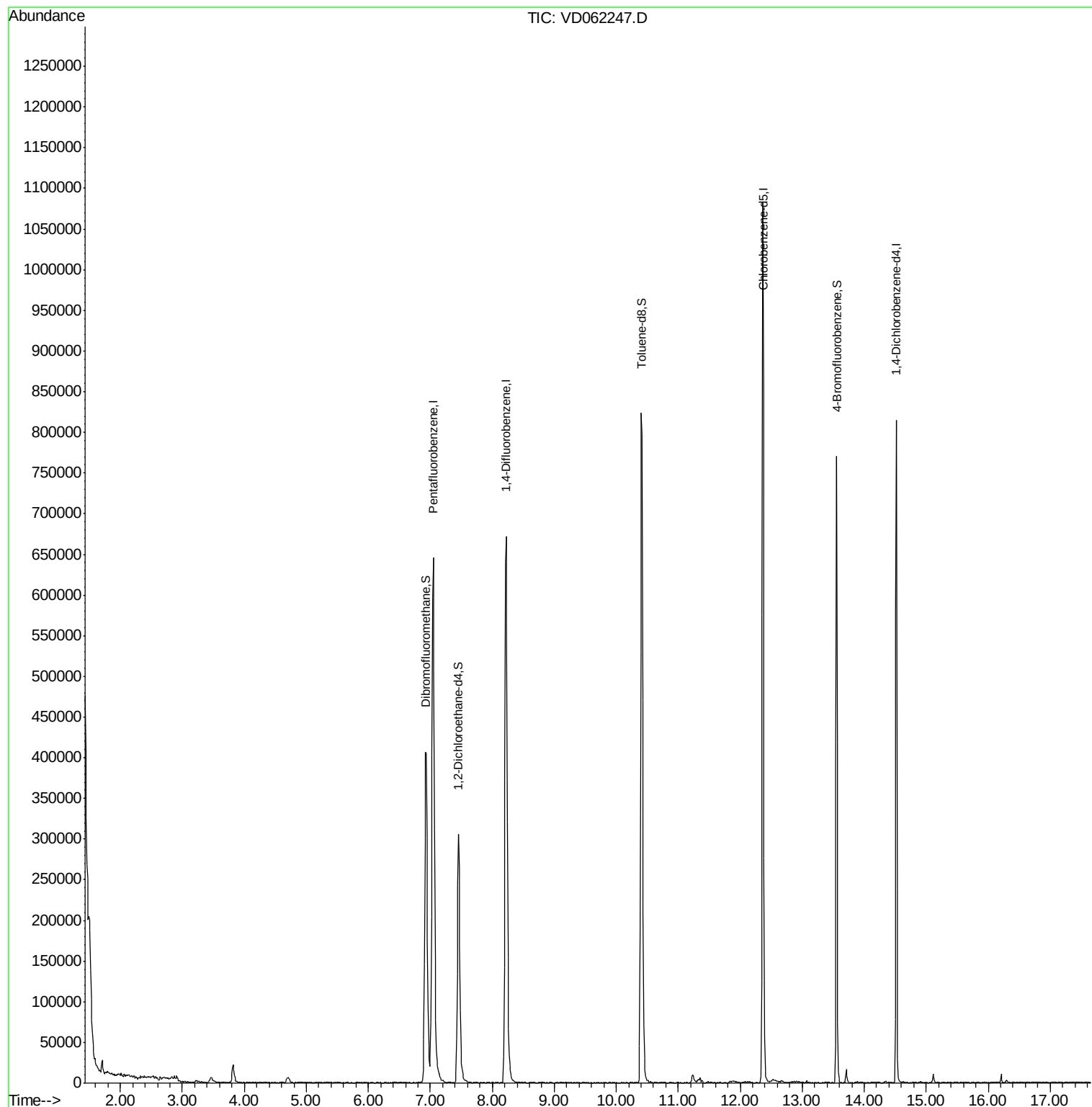
Target Compounds	Qvalue

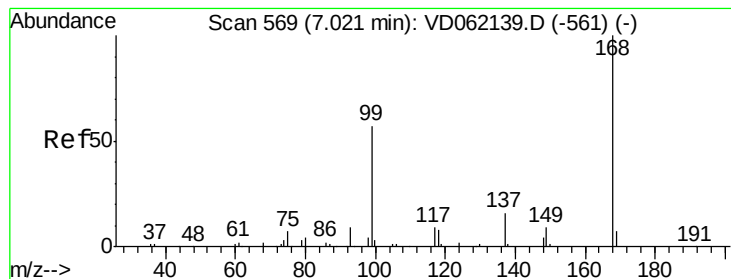
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062247.D

Acq: 11 May 2019 19:45

Instrument :

MSVOA_D

ClientSampleId :

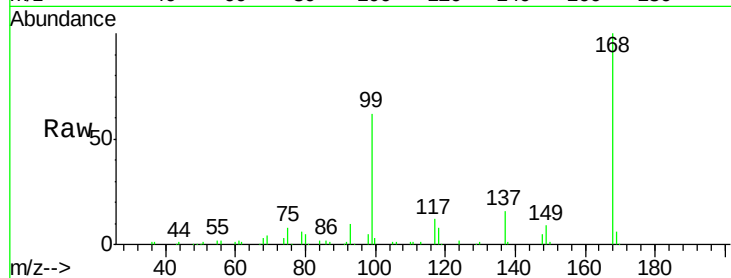
P026-SS011-1824-01

Tot Ion:168 Resp: 616009

Ion Ratio Lower Upper

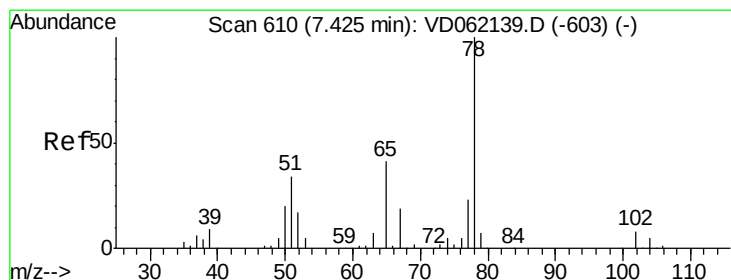
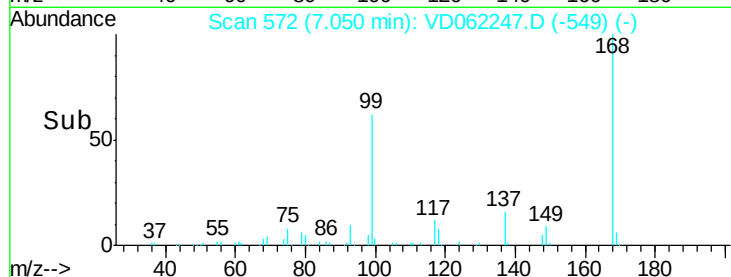
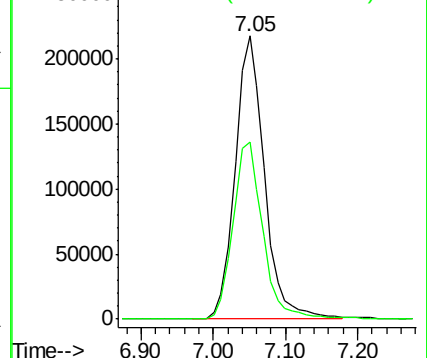
168 100

99 62.5 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: 58.558 ug/l

RT: 7.45 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062247.D

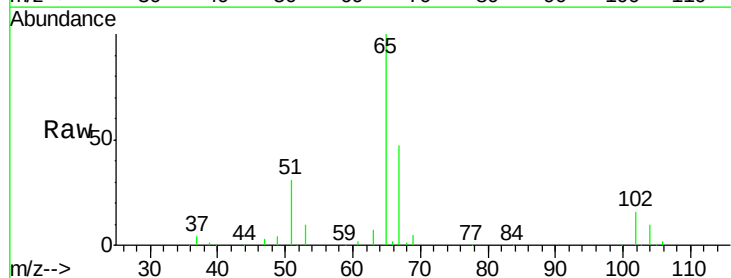
Acq: 11 May 2019 19:45

Tgt Ion: 65 Resp: 335225

Ion Ratio Lower Upper

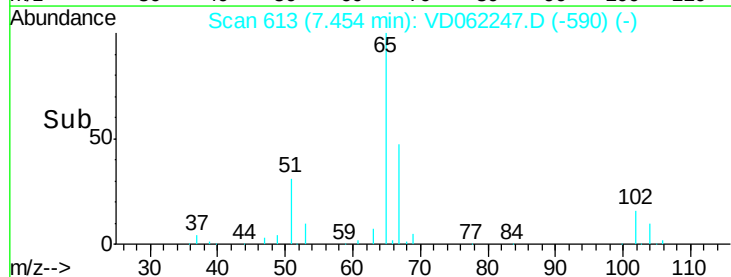
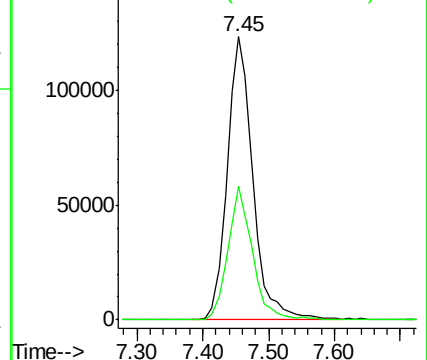
65 100

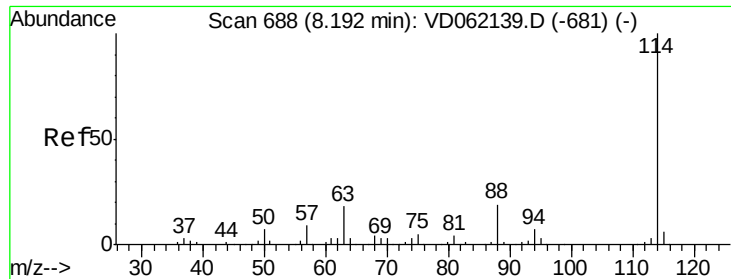
67 47.1 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

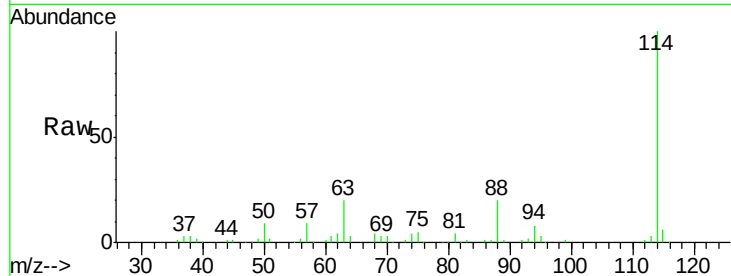




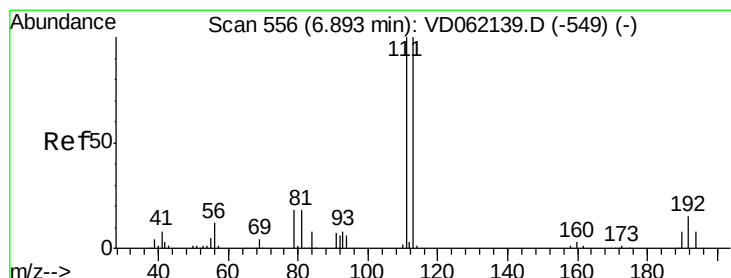
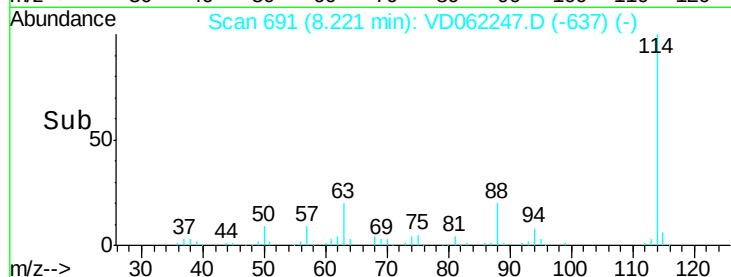
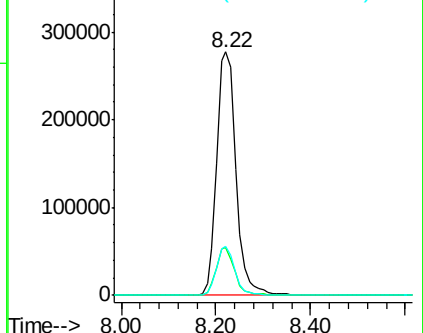
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. 0.03 min
Lab File: VD062247.D
Acq: 11 May 2019 19:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS011-1824-01

Tot Ion:114 Resp: 783560
Ion Ratio Lower Upper
114 100
63 19.6 0.0 32.4
88 20.2 0.0 33.6

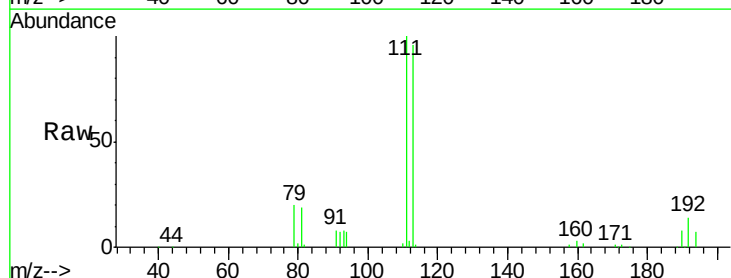


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

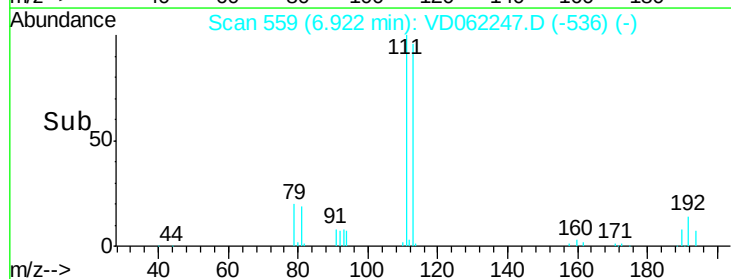
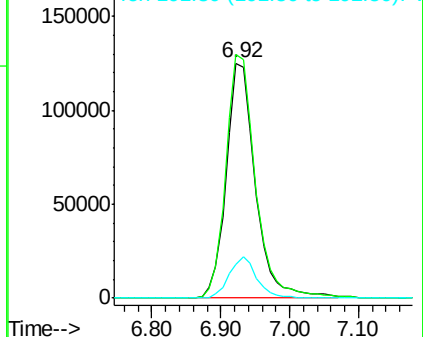


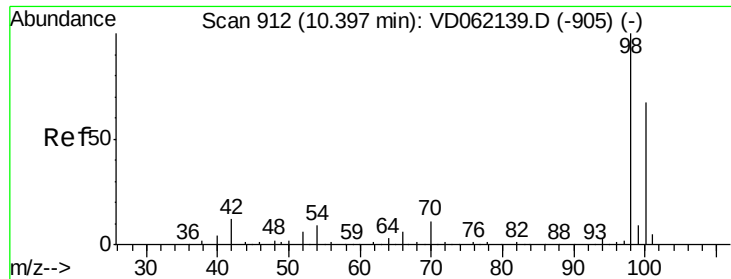
#35
Dibromofluoromethane
Concen: 56.609 ug/l
RT: 6.92 min Scan# 559
Delta R.T. 0.03 min
Lab File: VD062247.D
Acq: 11 May 2019 19:45

Tgt Ion:113 Resp: 368033
Ion Ratio Lower Upper
113 100
111 103.7 78.5 117.7
192 14.5 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

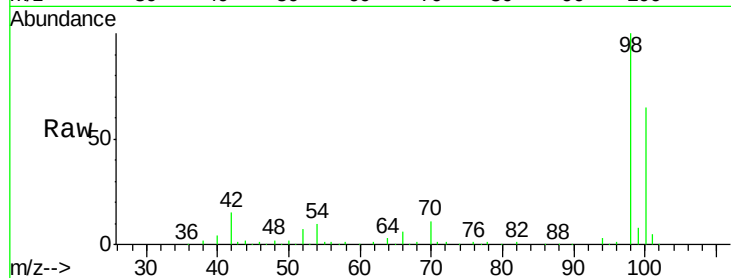




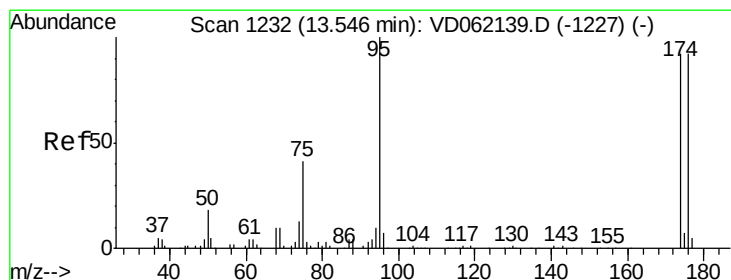
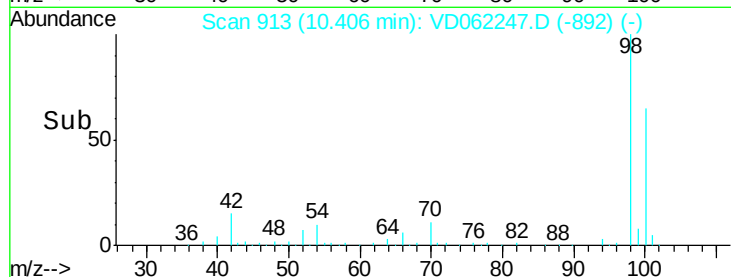
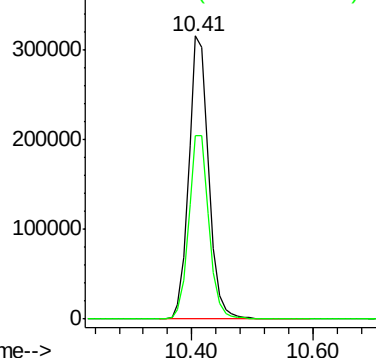
#50
Toluene-d8
Concen: 45.580 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD062247.D
Acq: 11 May 2019 19:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS011-1824-01

Tot Ion: 98 Resp: 714468
Ion Ratio Lower Upper
98 100
100 64.7 53.8 80.8

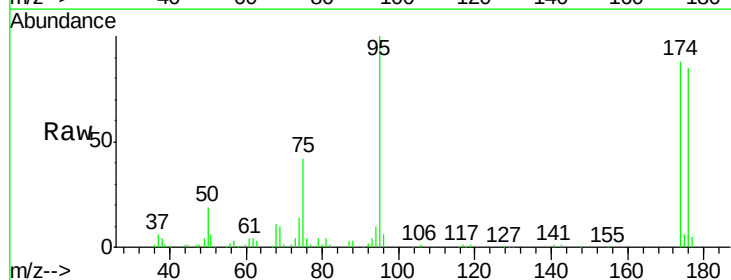


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

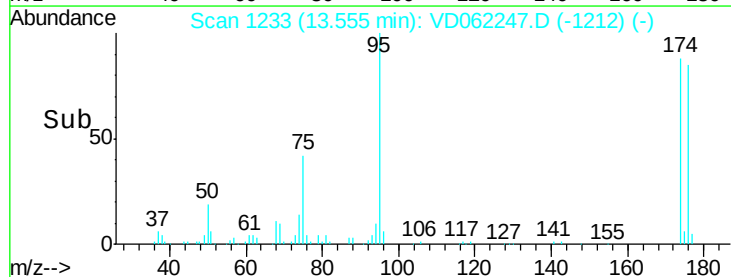
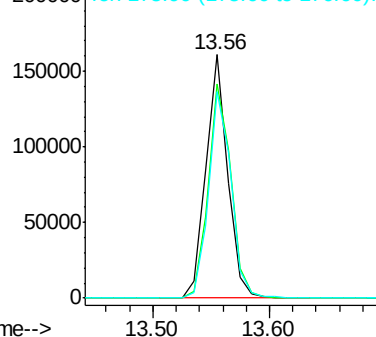


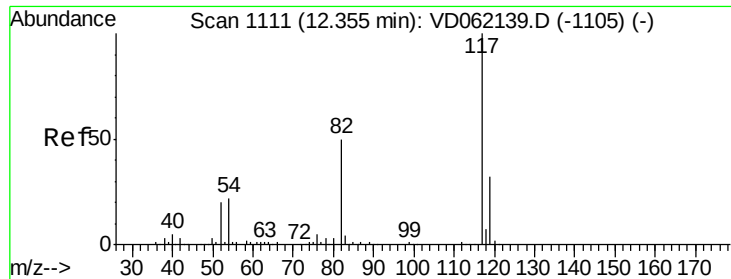
#62
4-Bromofluorobenzene
Concen: 32.925 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062247.D
Acq: 11 May 2019 19:45

Tgt Ion: 95 Resp: 207246
Ion Ratio Lower Upper
95 100
174 88.2 0.0 181.8
176 85.0 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

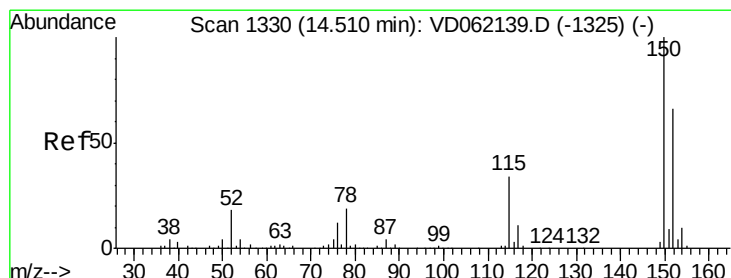
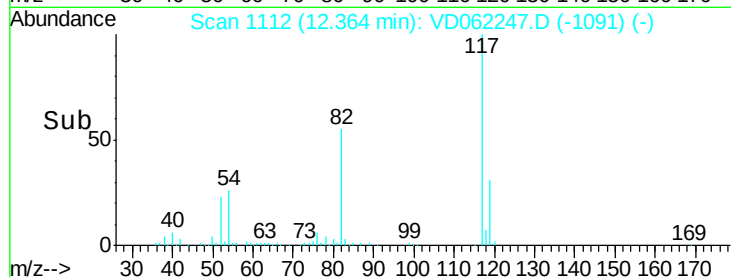
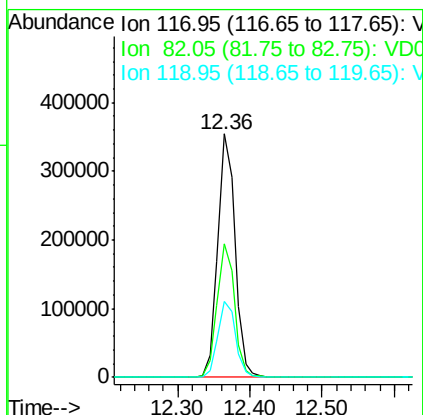
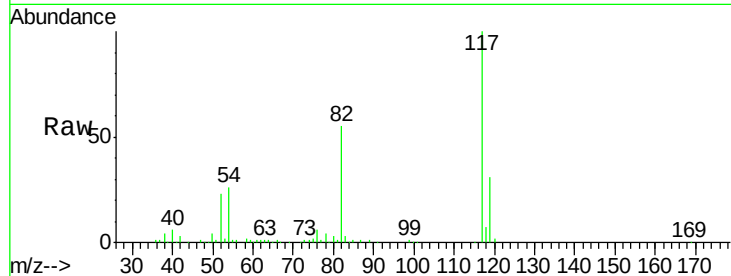




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062247.D
Acq: 11 May 2019 19:45

Instrument :
MSVOA_D
ClientSampleId :
P026-SS011-1824-01

Tot Ion:117 Resp: 583069
Ion Ratio Lower Upper
117 100
82 55.0 36.2 54.2#
119 31.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062247.D
Acq: 11 May 2019 19:45

Tgt Ion:152 Resp: 175977
Ion Ratio Lower Upper
152 100
115 53.9 30.9 92.7
150 153.8 0.0 314.8

