

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062350.D
 Acq On : 14 May 2019 16:57
 Operator : FY/SY
 Sample : K2756-21
 Misc : 5.99g/5mL/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS008-0612-01

Quant Time: May 15 02:17:58 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

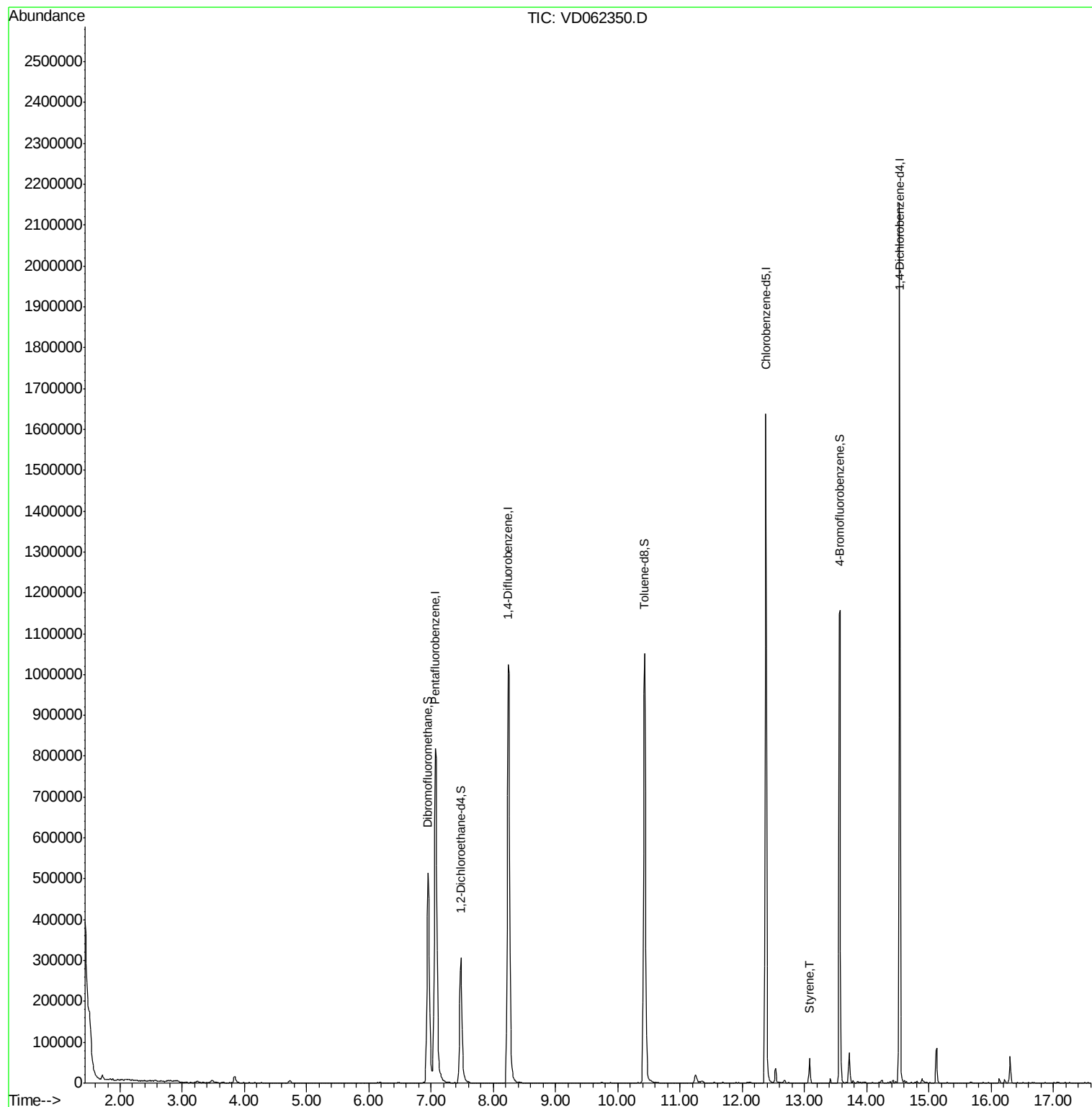
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	800375	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	1149728	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	860109	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	435809	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	353060	47.47	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	6.95	113	449810	47.15	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	10.43	98	891382	38.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	77.52%	
62) 4-Bromofluorobenzene	13.56	95	370111	40.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.14%	
Target Compounds						
70) Styrene	13.08	104	24123	1.570	ug/l #	Qvalue 81

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062350.D

Acq: 14 May 2019 16:57

Instrument :

MSVOA_D

ClientSampleId :

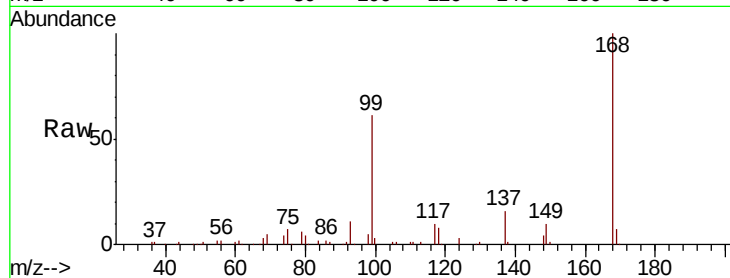
P021-SS008-0612-01

Tgt Ion:168 Resp: 800375

Ion Ratio Lower Upper

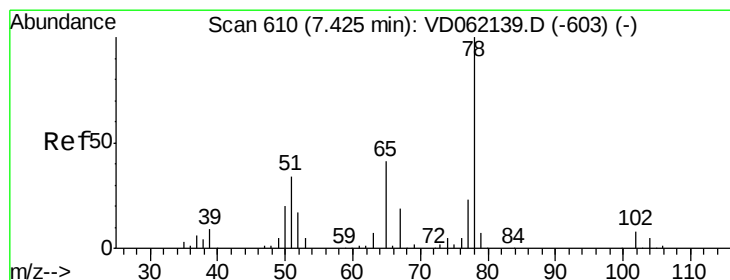
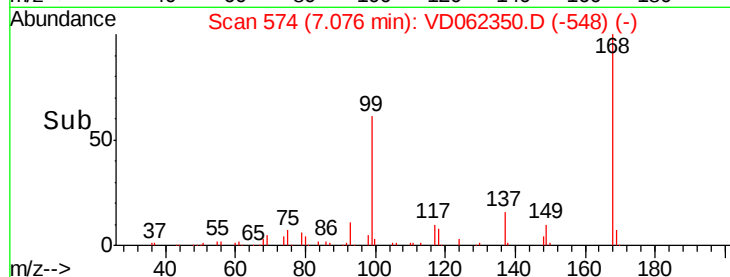
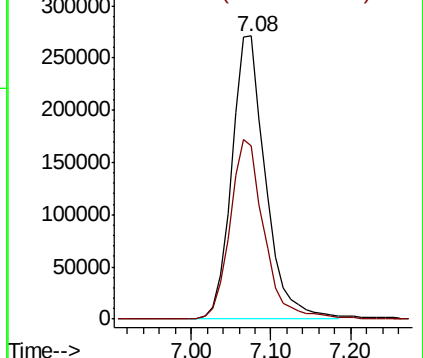
168 100

99 61.0 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: 47.467 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062350.D

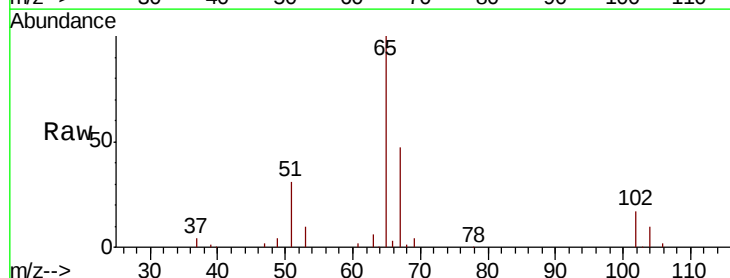
Acq: 14 May 2019 16:57

Tgt Ion: 65 Resp: 353060

Ion Ratio Lower Upper

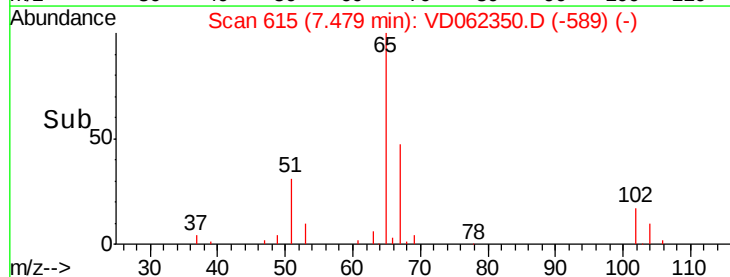
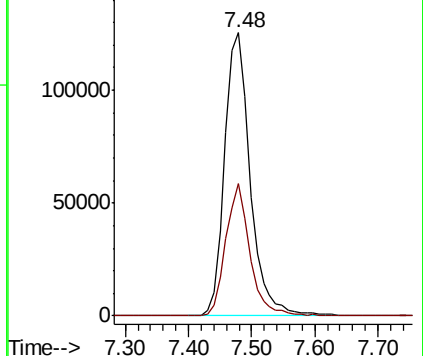
65 100

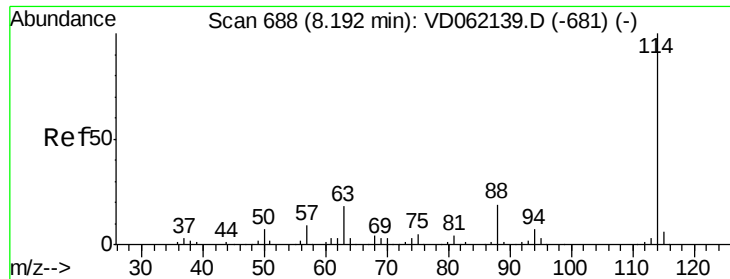
67 46.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

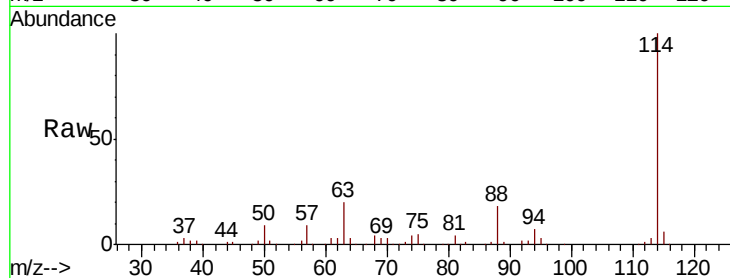




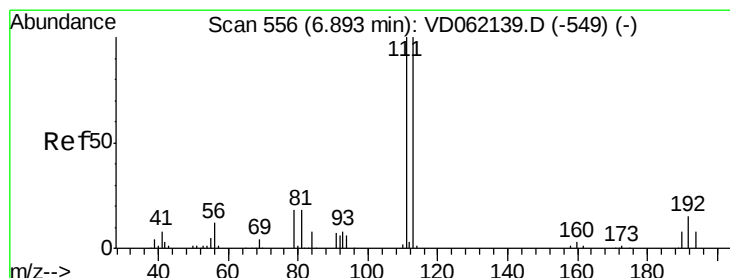
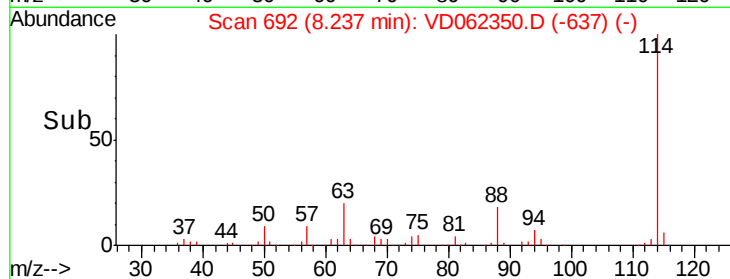
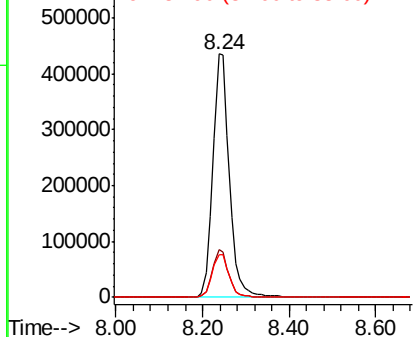
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062350.D
 Acq: 14 May 2019 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS008-0612-01

Tgt Ion:114 Resp: 1149728
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 32.4
 88 17.6 0.0 33.6

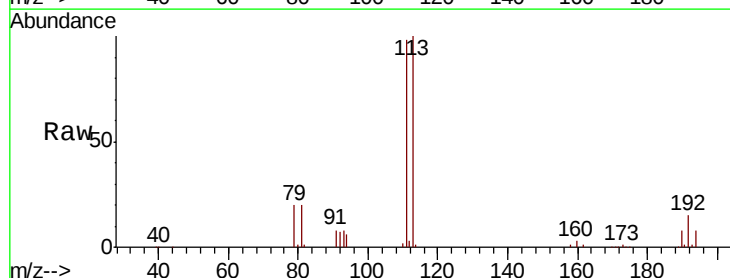


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

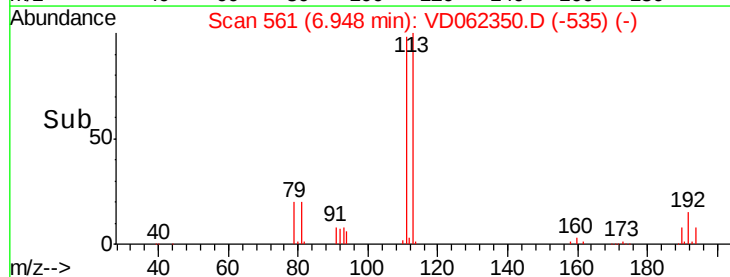
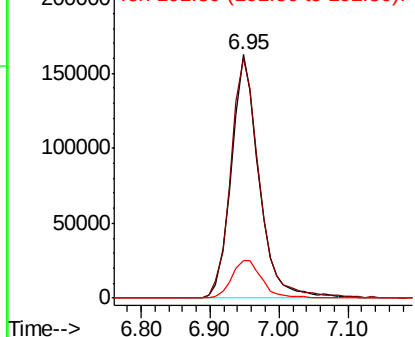


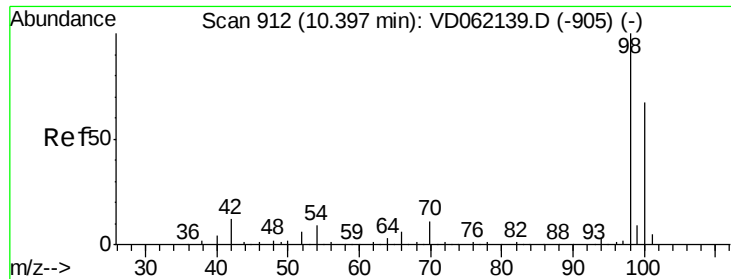
#35
 Dibromofluoromethane
 Concen: 47.153 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062350.D
 Acq: 14 May 2019 16:57

Tgt Ion:113 Resp: 449810
 Ion Ratio Lower Upper
 113 100
 111 98.5 78.5 117.7
 192 15.4 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

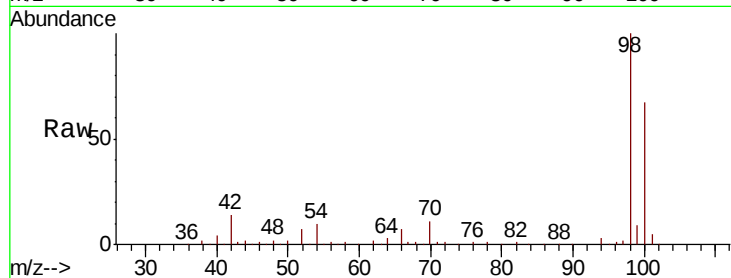




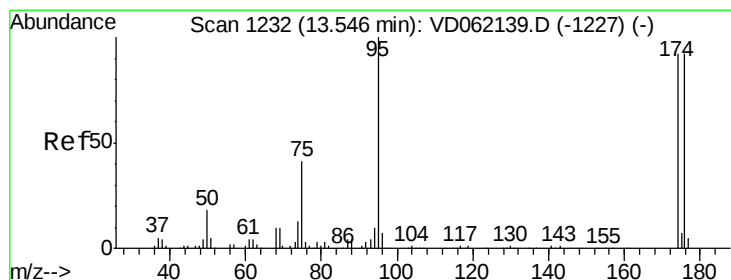
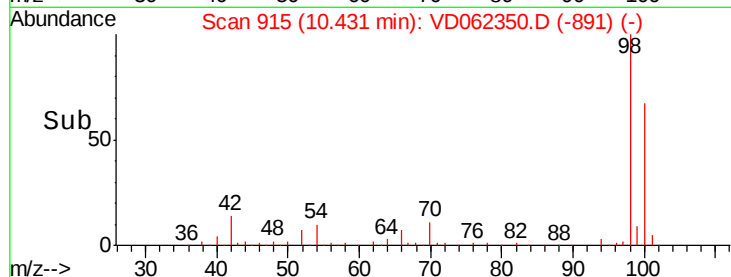
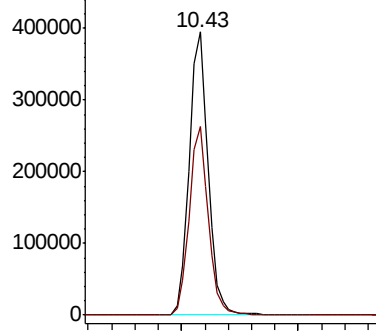
#50
Toluene-d8
Concen: 38.755 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD062350.D
Acq: 14 May 2019 16:57

Instrument :
MSVOA_D
ClientSampleId :
P021-SS008-0612-01

Tgt Ion: 98 Resp: 891382
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.8

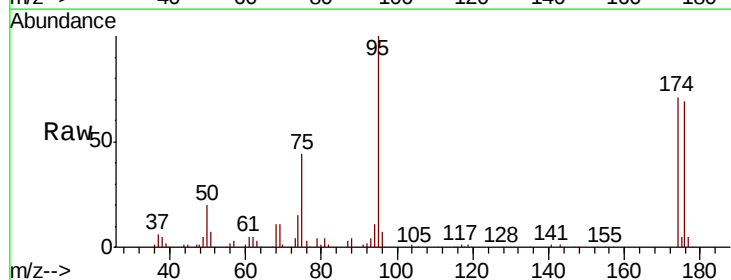


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

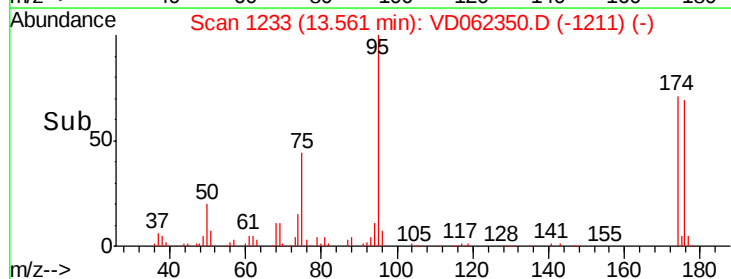
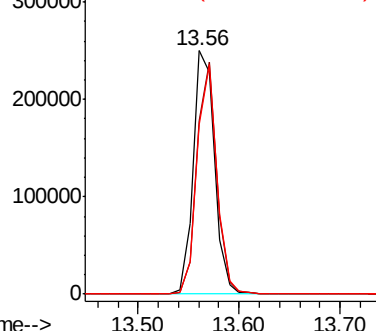


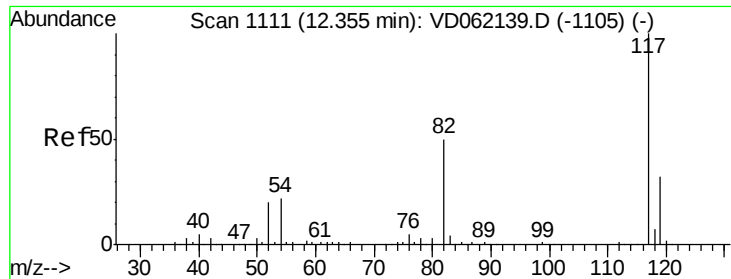
#62
4-Bromofluorobenzene
Concen: 40.072 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062350.D
Acq: 14 May 2019 16:57

Tgt Ion: 95 Resp: 370111
Ion Ratio Lower Upper
95 100
174 71.2 0.0 181.8
176 69.4 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

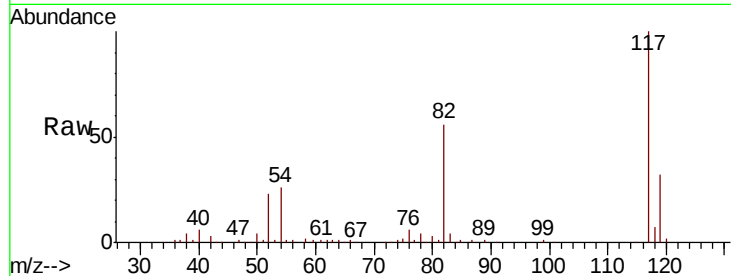




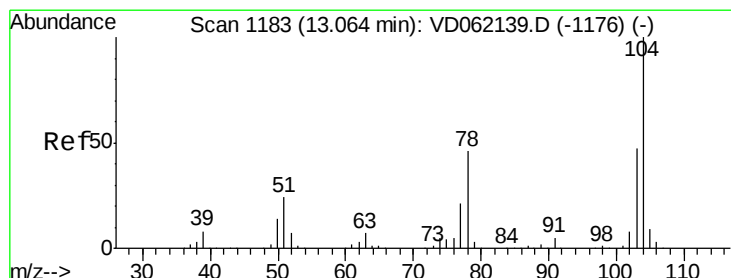
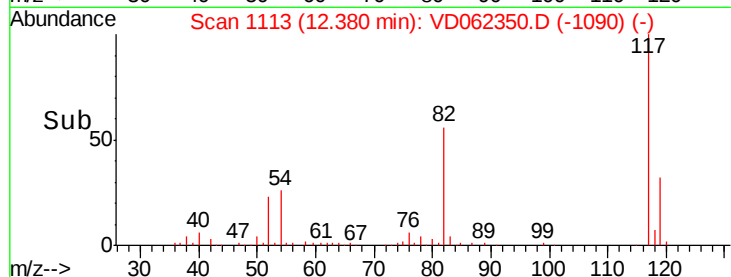
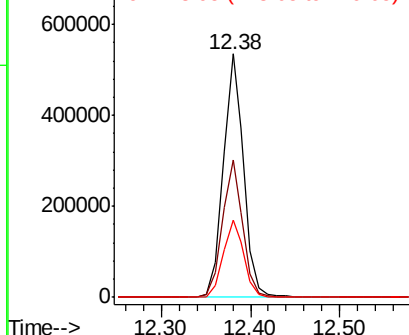
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062350.D
Acq: 14 May 2019 16:57

Instrument :
MSVOA_D
ClientSampleId :
P021-SS008-0612-01

Tgt Ion:117 Resp: 860109
Ion Ratio Lower Upper
117 100
82 56.5 36.2 54.2#
119 31.9 26.2 39.4

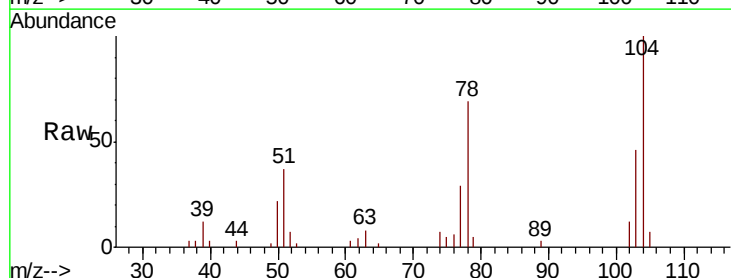


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

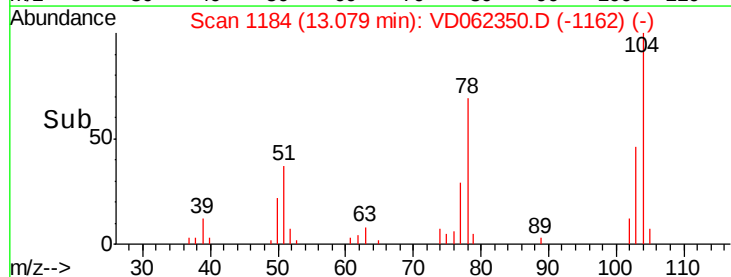
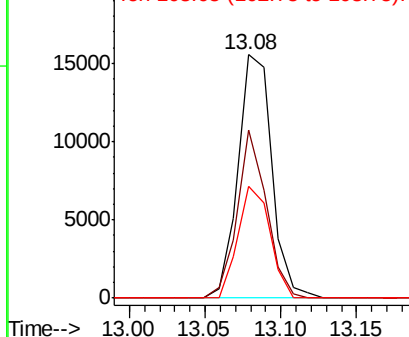


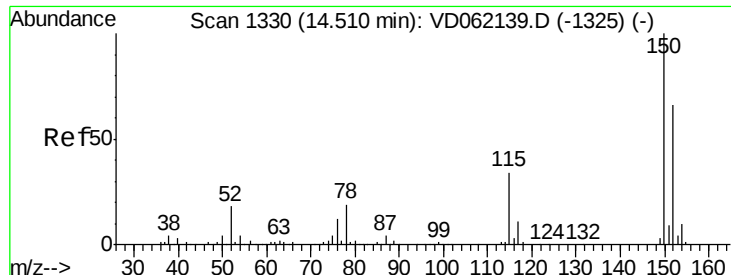
#70
Styrene
Concen: 1.570 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.02 min
Lab File: VD062350.D
Acq: 14 May 2019 16:57

Tgt Ion:104 Resp: 24123
Ion Ratio Lower Upper
104 100
78 69.0 35.4 53.2#
103 46.0 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: VD062350.D
 Acq: 14 May 2019 16:57

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS008-0612-01

Tgt Ion:152 Resp: 435809
 Ion Ratio Lower Upper
 152 100
 115 61.2 30.9 92.7
 150 155.6 0.0 314.8

