

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062542.D
 Acq On : 28 May 2019 16:47
 Operator : VA/AP
 Sample : K3065-01RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16-1.5-2.0RE

Quant Time: May 29 01:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

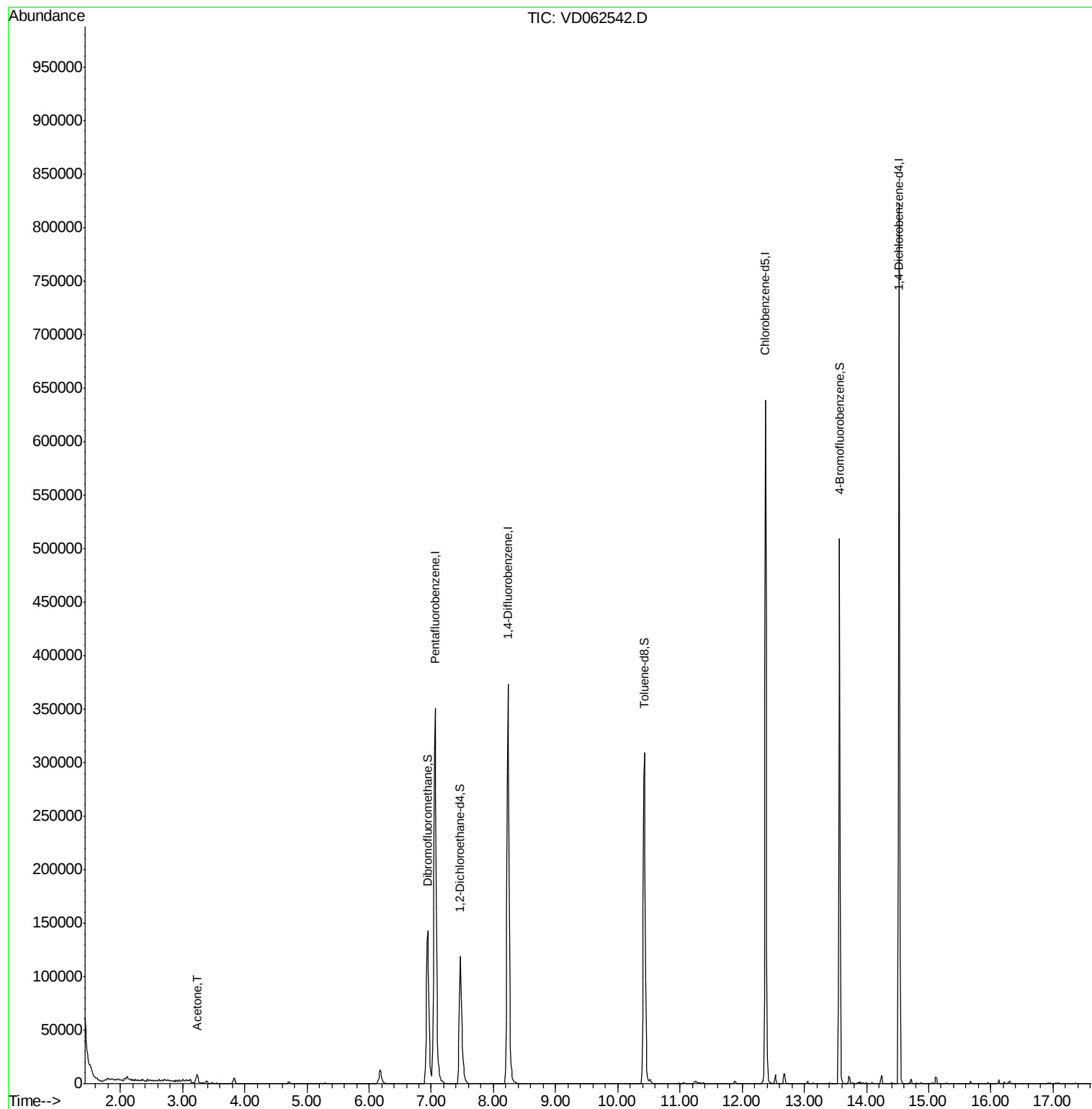
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	311529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	377504	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	315136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	178628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	135253	40.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.12%	
35) Dibromofluoromethane	6.94	113	125284	36.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.58%	
50) Toluene-d8	10.43	98	255755	34.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.64%	
62) 4-Bromofluorobenzene	13.57	95	135403	41.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.06%	
Target Compounds						
16) Acetone	3.23	43	16487	27.590	ug/l #	Qvalue 69

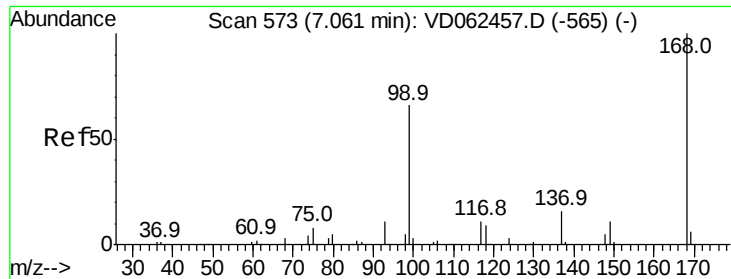
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.00 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

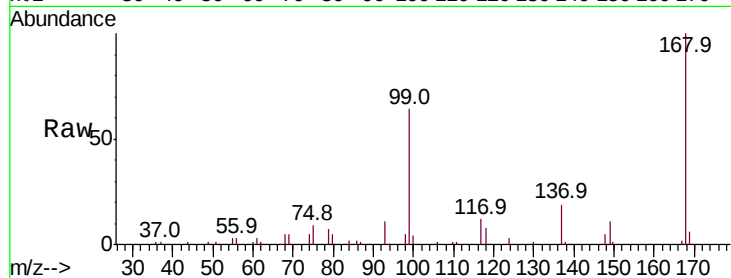
B-16-1.5-2.0RE

Tot Ion:168 Resp: 311529

Ion Ratio Lower Upper

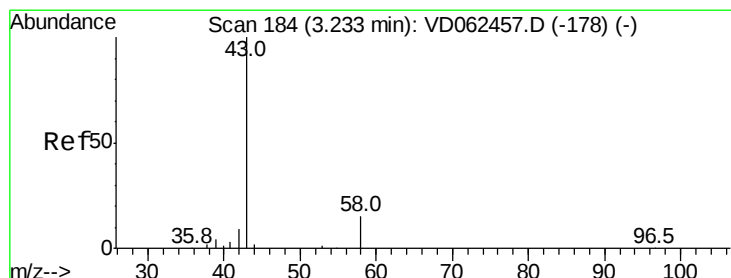
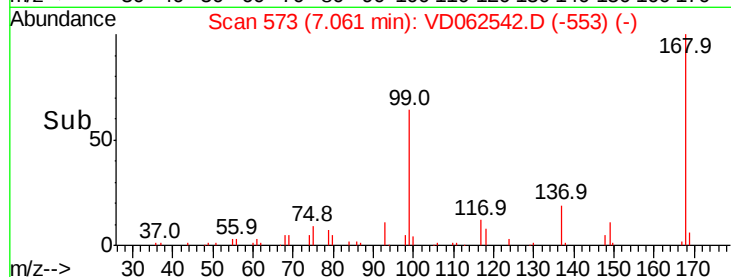
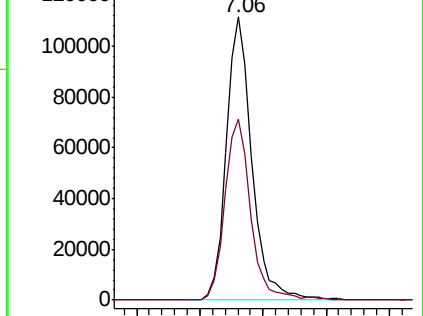
168 100

99 63.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 27.590 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD062542.D

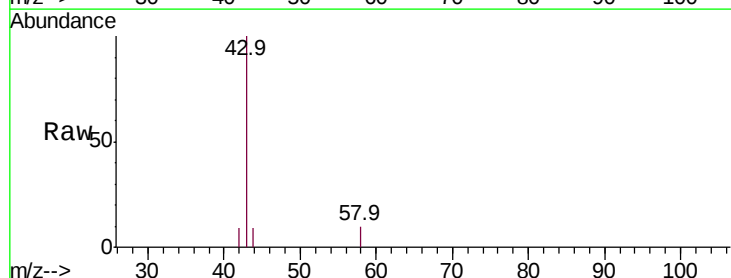
Acq: 28 May 2019 16:47

Tgt Ion: 43 Resp: 16487

Ion Ratio Lower Upper

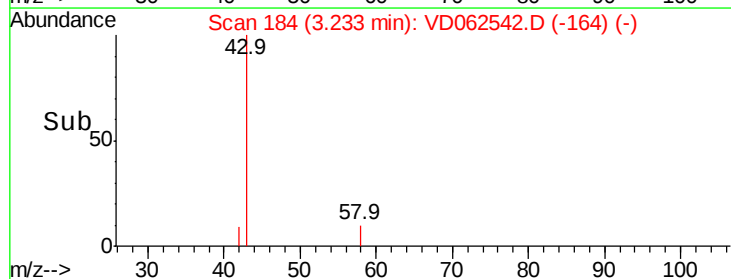
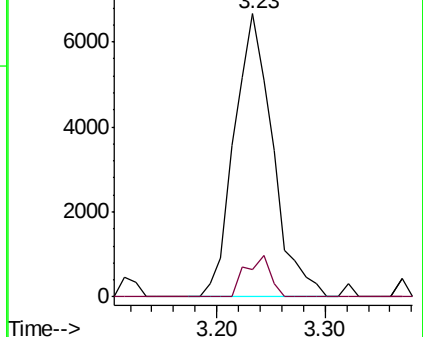
43 100

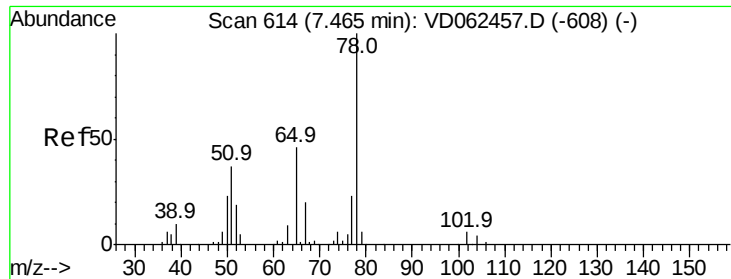
58 9.6 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 40.559 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.01 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

Instrument :

MSVOA_D

ClientSampleId :

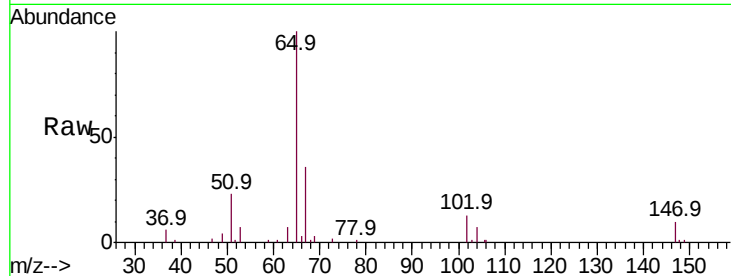
B-16-1.5-2.0RE

Tot Ion: 65 Resp: 135253

Ion Ratio Lower Upper

65 100

67 35.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

60000

50000

40000

30000

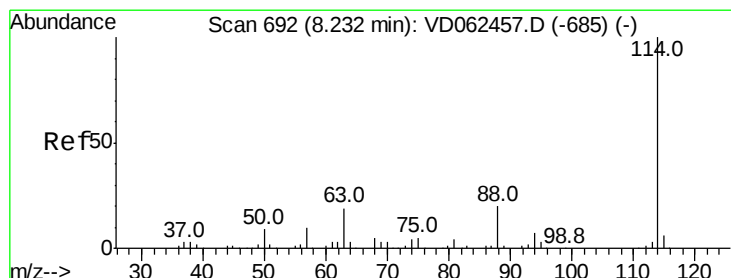
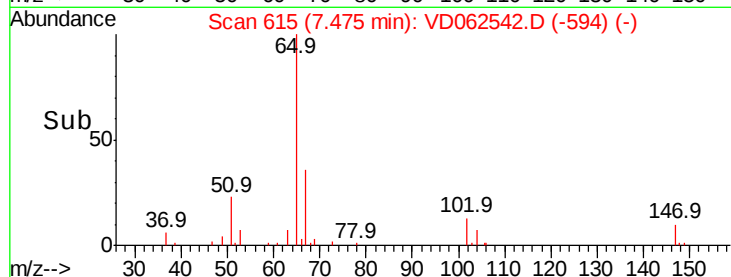
20000

10000

0

Time-->

7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.00 min

Lab File: VD062542.D

Acq: 28 May 2019 16:47

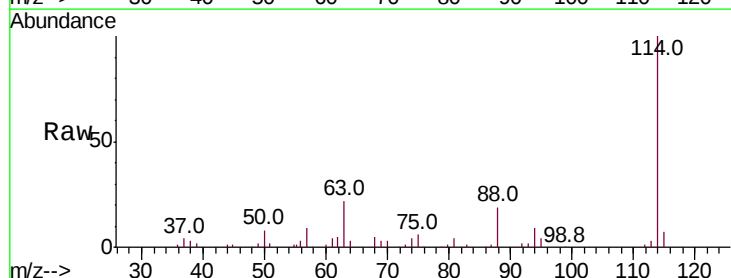
Tgt Ion: 114 Resp: 377504

Ion Ratio Lower Upper

114 100

63 21.5 0.0 32.4

88 19.5 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

200000

150000

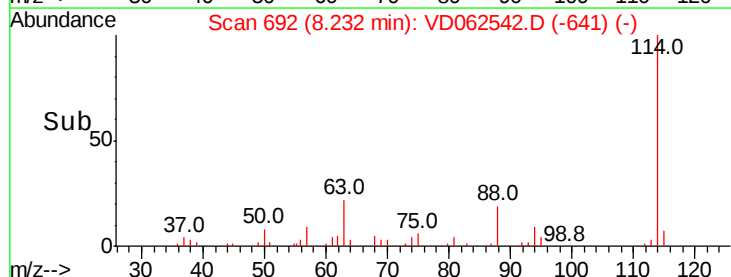
100000

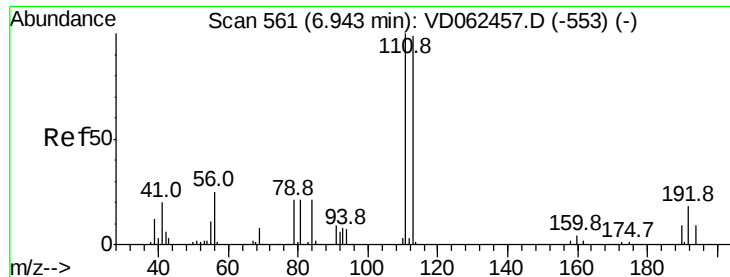
50000

0

Time-->

8.10 8.20 8.30 8.40

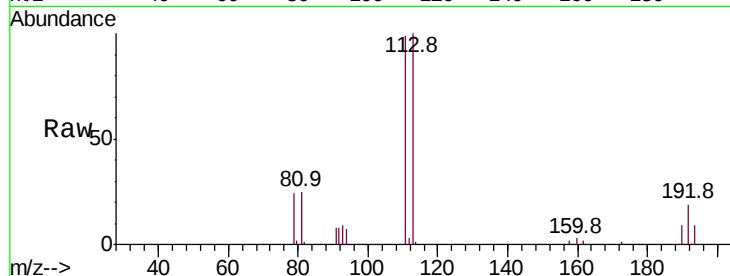




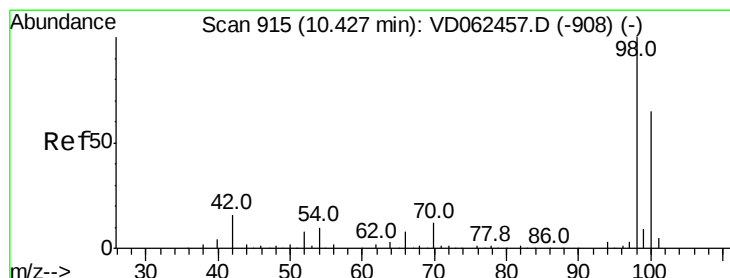
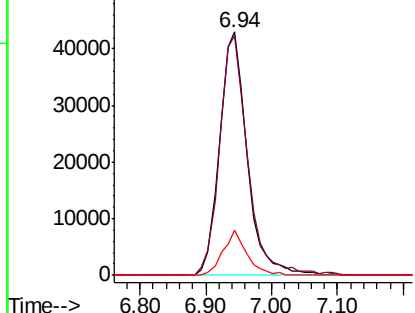
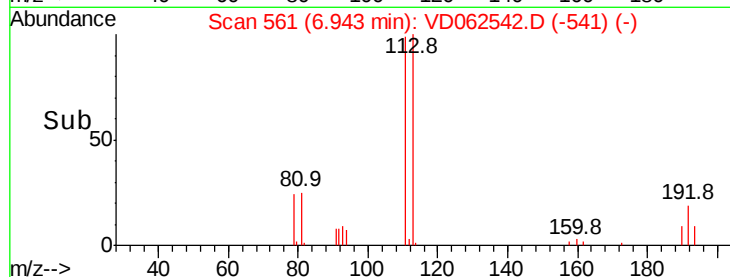
#35
 Dibromofluoromethane
 Concen: 36.788 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD062542.D
 Acq: 28 May 2019 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16-1.5-2.0RE

Tot Ion:113 Resp: 125284
 Ion Ratio Lower Upper
 113 100
 111 98.7 78.5 117.7
 192 18.7 13.0 19.4

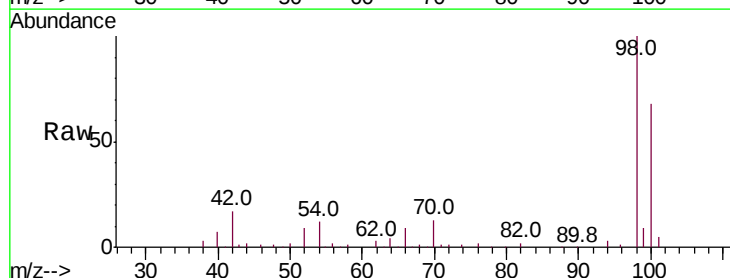


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

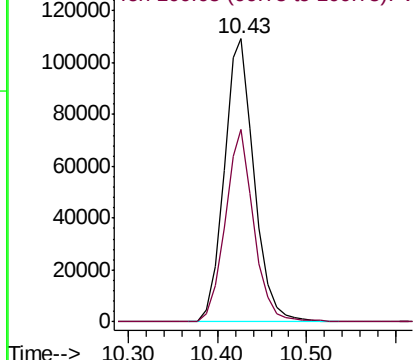
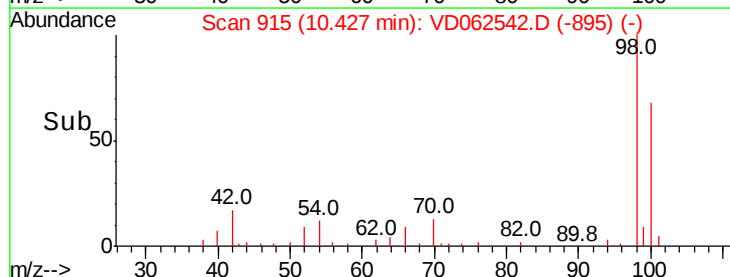


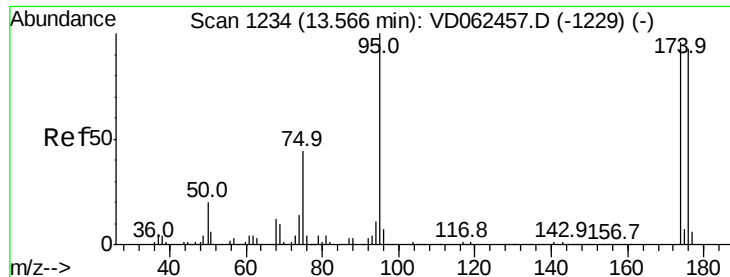
#50
 Toluene-d8
 Concen: 34.317 ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VD062542.D
 Acq: 28 May 2019 16:47

Tgt Ion: 98 Resp: 255755
 Ion Ratio Lower Upper
 98 100
 100 67.8 53.8 80.8



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

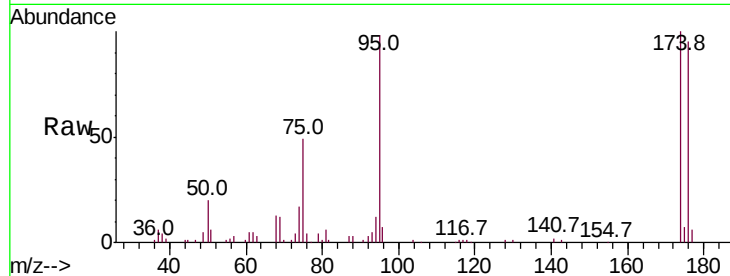




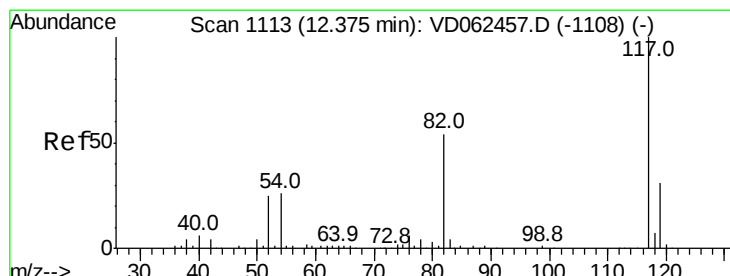
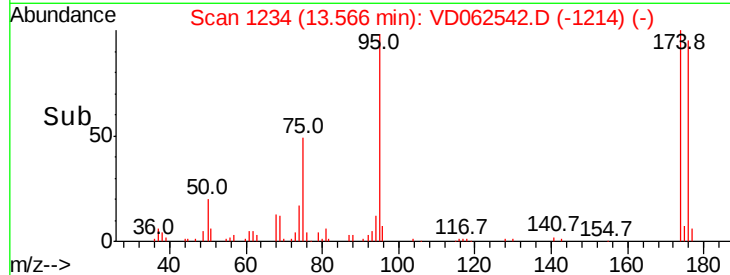
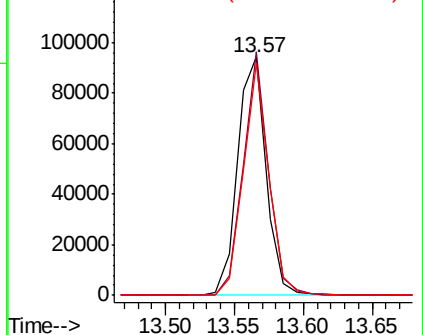
#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VD062542.D
Acq: 28 May 2019 16:47

Instrument :
MSVOA_D
ClientSampleId :
B-16-1.5-2.0RE

Tot Ion: 95 Resp: 135403
Ion Ratio Lower Upper
95 100
174 102.1 0.0 181.8
176 97.1 0.0 174.4

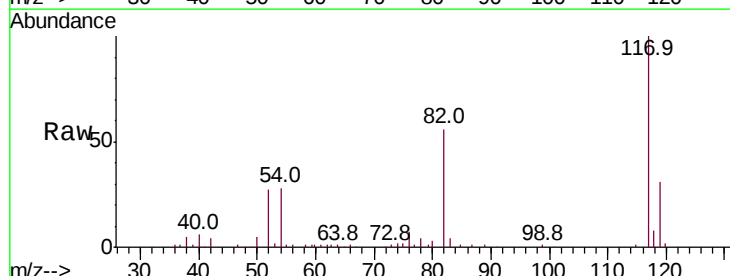


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

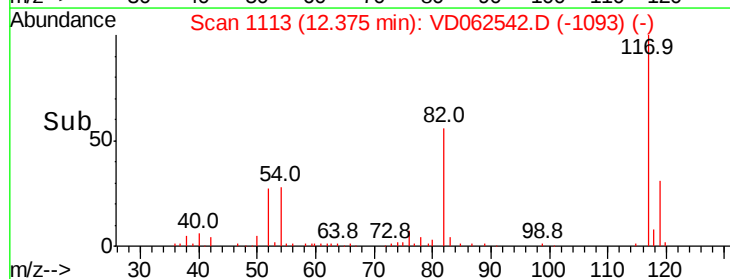
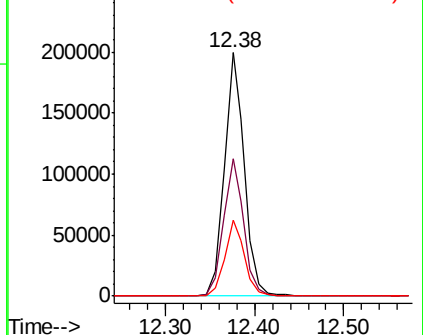


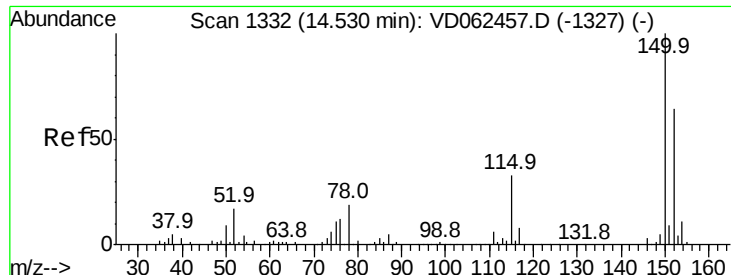
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062542.D
Acq: 28 May 2019 16:47

Tgt Ion: 117 Resp: 315136
Ion Ratio Lower Upper
117 100
82 56.5 36.2 54.2#
119 31.4 26.2 39.4



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

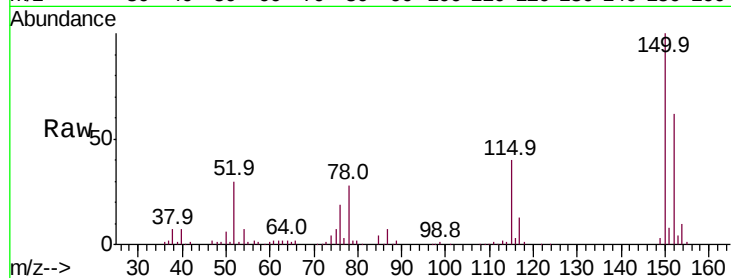




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062542.D
 Acq: 28 May 2019 16:47

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16-1.5-2.0RE

Tot Ion:152 Resp: 178628
 Ion Ratio Lower Upper
 152 100
 115 64.5 30.9 92.7
 150 160.3 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

