

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061157.D
 Acq On : 18 Mar 2019 20:41
 Operator : VA/AP
 Sample : K1687-07
 Misc : 6.05g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-031519-A

Quant Time: Mar 19 04:37:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

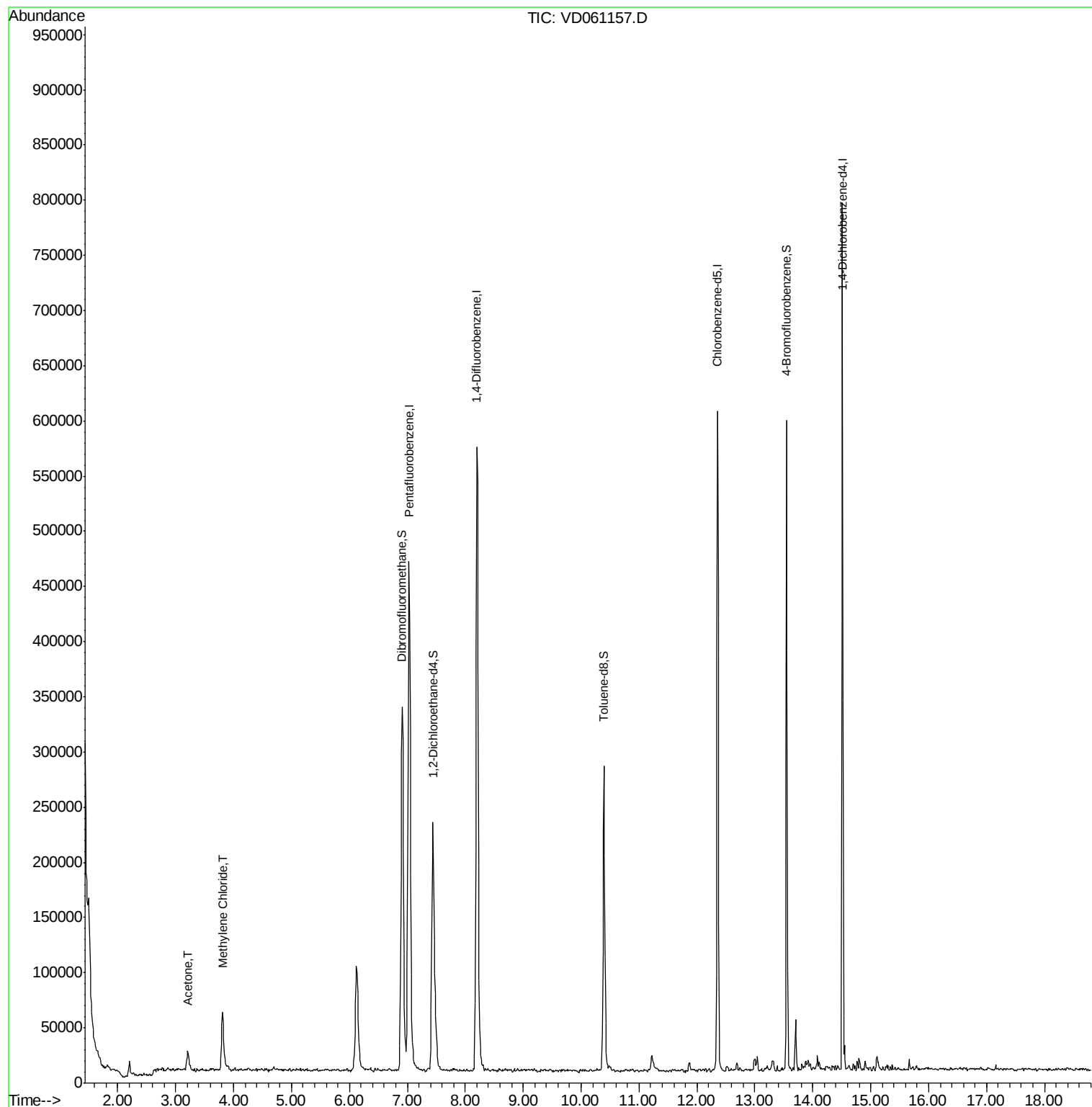
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	488678	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	725622	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.35	117	378499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	176793	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	196716	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
35) Dibromofluoromethane	6.91	113	325106	60.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.74%	
50) Toluene-d8	10.40	98	237721	17.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.16%	
62) 4-Bromofluorobenzene	13.55	95	187240	35.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.36%	
Target Compounds						
16) Acetone	3.21	43	32790	28.190	ug/l	98
20) Methylene Chloride	3.81	84	38873	2.940	ug/l #	91

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

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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

Instrument :

MSVOA_D

ClientSampleId :

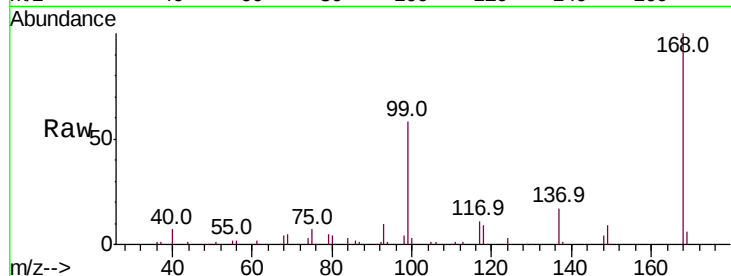
HR-05-031519-A

Tot Ion:168 Resp: 488678

Ion Ratio Lower Upper

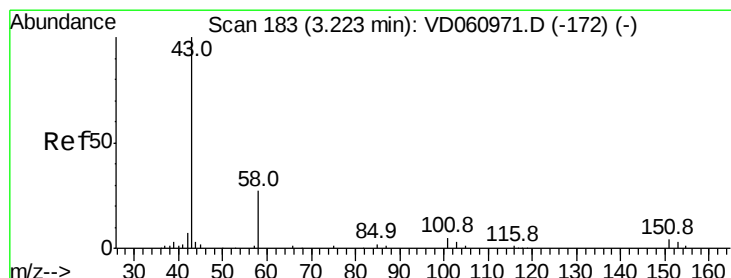
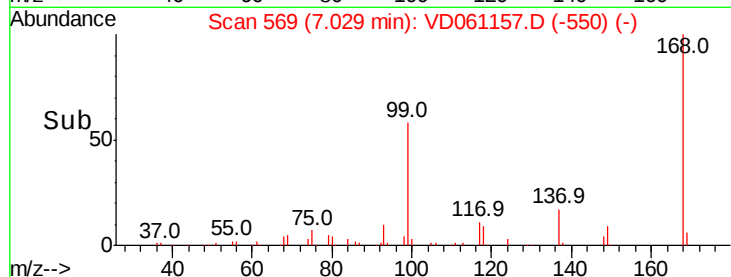
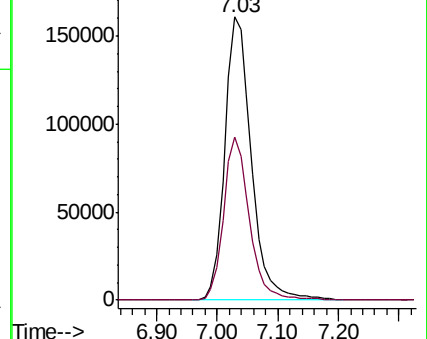
168 100

99 57.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 28.190 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061157.D

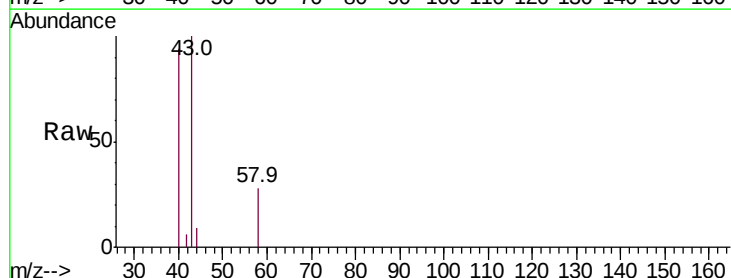
Acq: 18 Mar 2019 20:41

Tgt Ion: 43 Resp: 32790

Ion Ratio Lower Upper

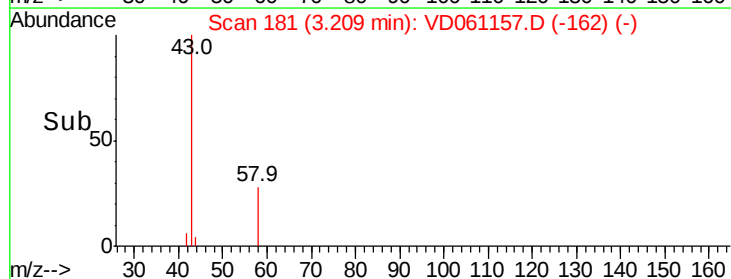
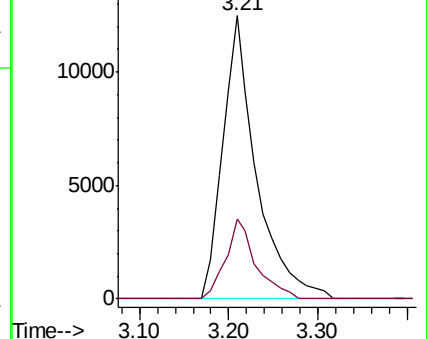
43 100

58 28.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

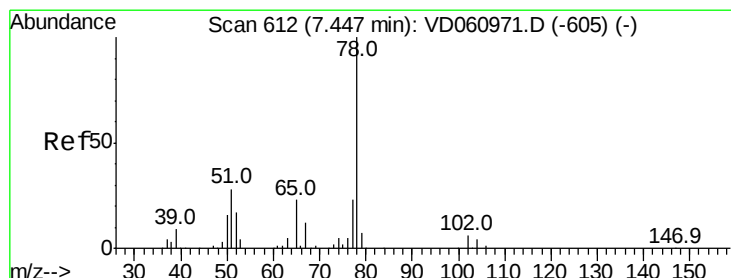
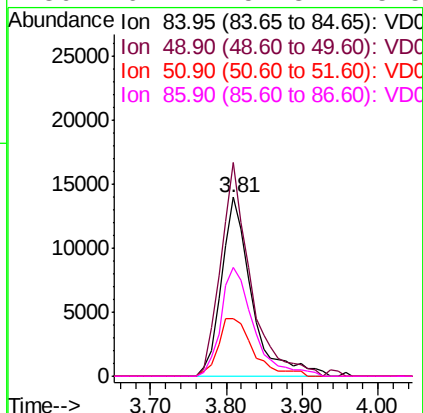
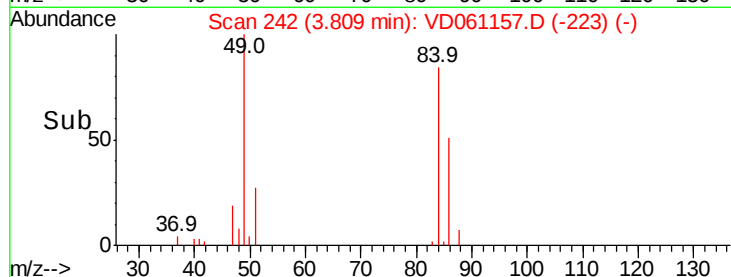
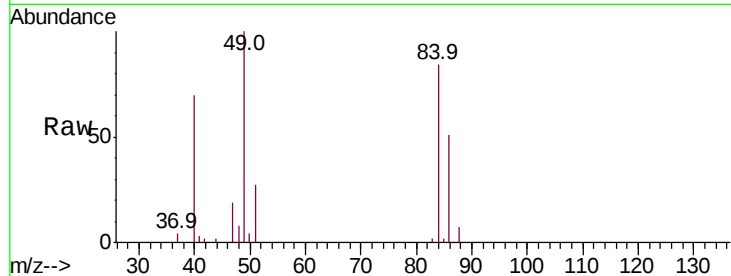




#20
Methylene Chloride
Concen: 2.940 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

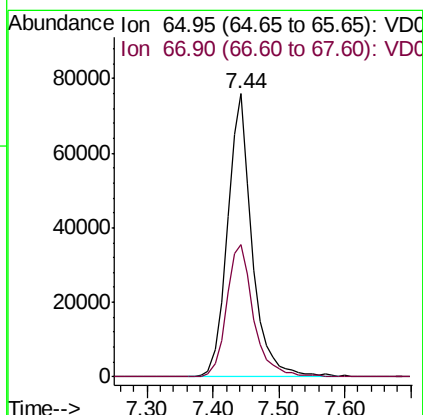
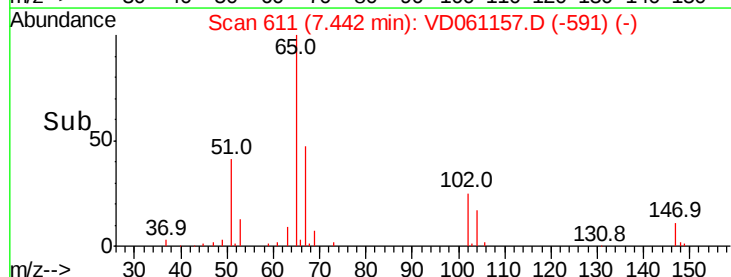
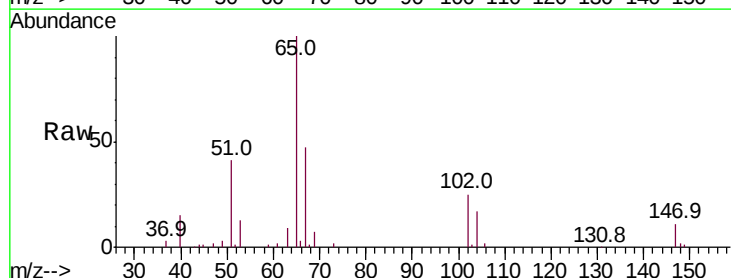
Instrument :
MSVOA_D
ClientSampleId :
HR-05-031519-A

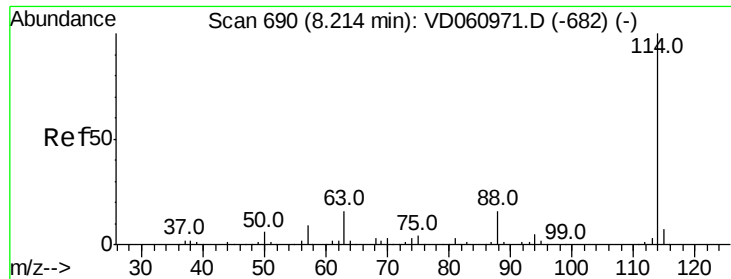
Tot Ion: 84 Resp: 38873
Ion Ratio Lower Upper
84 100
49 119.3 104.2 156.2
51 32.1 32.3 48.5#
86 61.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.00 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Tgt Ion: 65 Resp: 196716
Ion Ratio Lower Upper
65 100
67 46.6 0.0 105.2

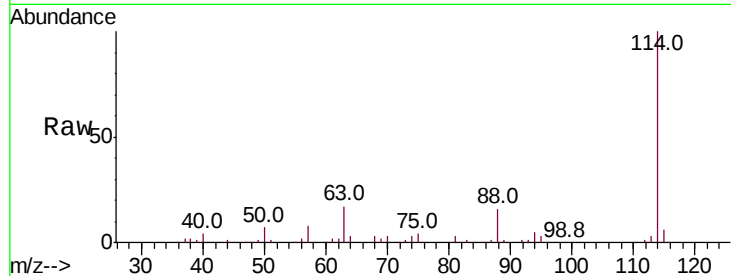




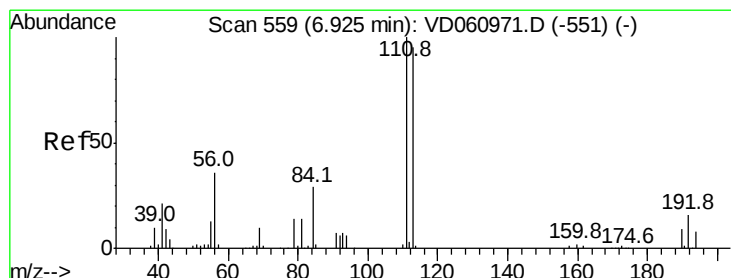
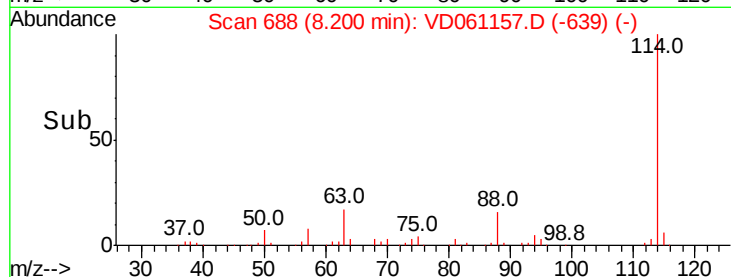
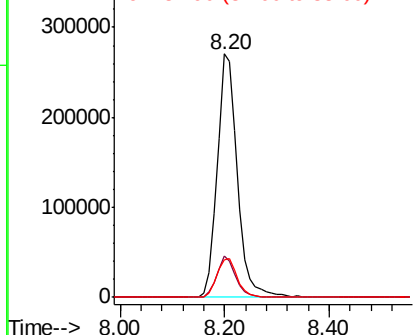
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD061157.D
 Acq: 18 Mar 2019 20:41

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-031519-A

Tot Ion:114 Resp: 725622
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 31.4
 88 15.7 0.0 33.0

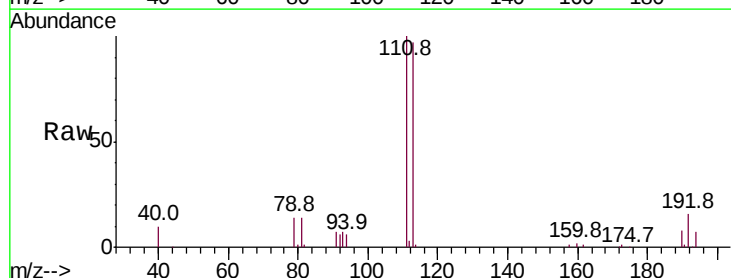


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

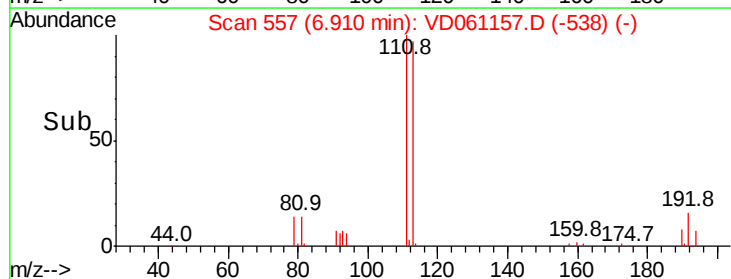
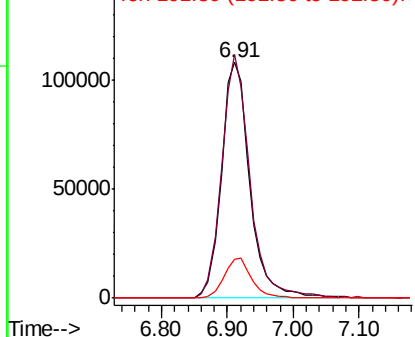


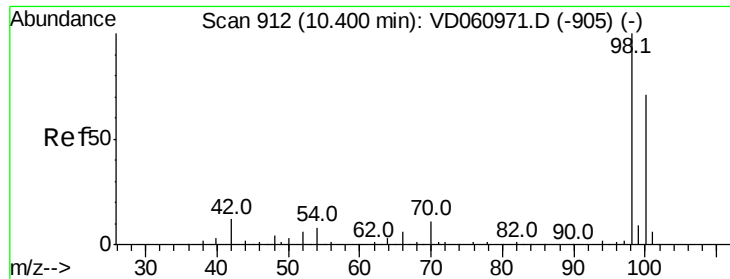
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061157.D
 Acq: 18 Mar 2019 20:41

Tgt Ion:113 Resp: 325106
 Ion Ratio Lower Upper
 113 100
 111 103.2 84.2 126.4
 192 16.6 13.1 19.7



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: N.D. ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.00 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

Instrument :

MSVOA_D

ClientSampleId :

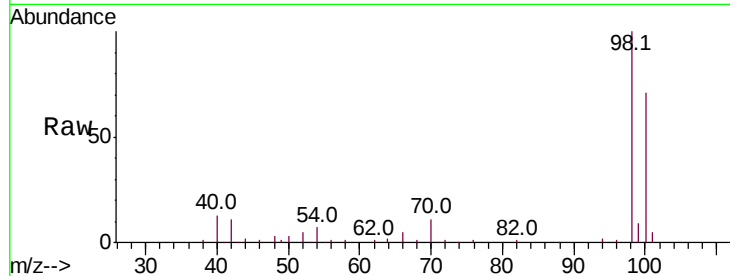
HR-05-031519-A

Tot Ion: 98 Resp: 237721

Ion Ratio Lower Upper

98 100

100 70.7 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40

120000

100000

80000

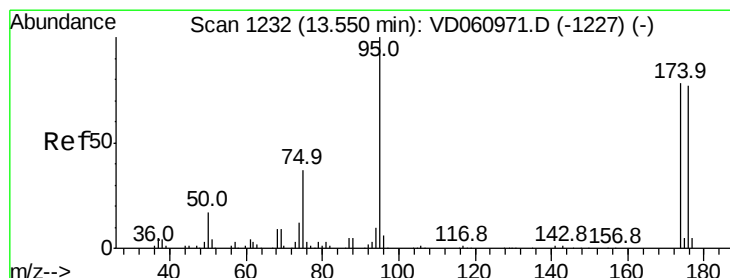
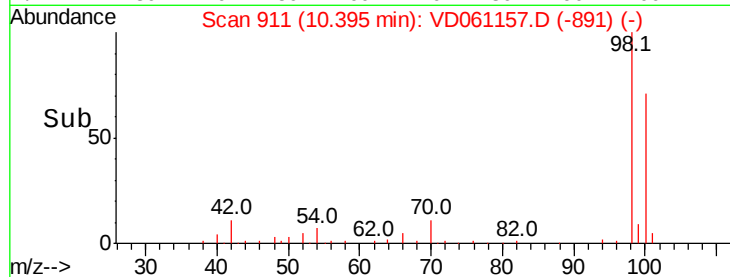
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VD061157.D

Acq: 18 Mar 2019 20:41

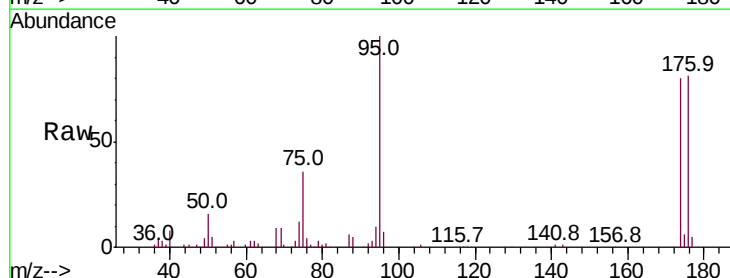
Tgt Ion: 95 Resp: 187240

Ion Ratio Lower Upper

95 100

174 80.3 0.0 155.6

176 80.9 0.0 153.8



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

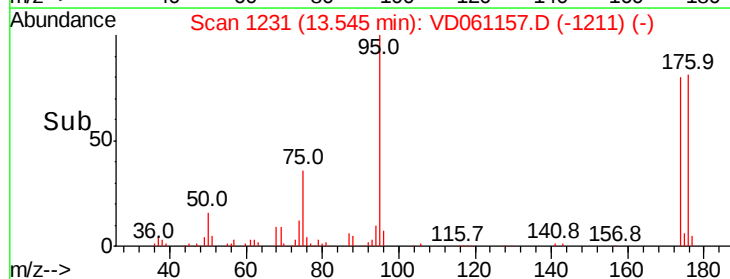
150000

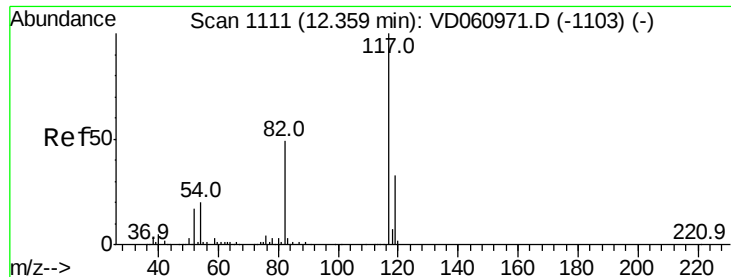
100000

50000

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Time-->

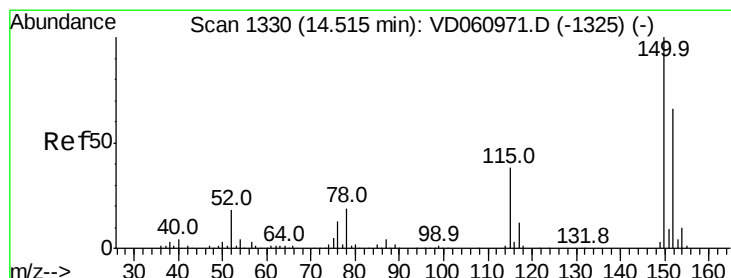
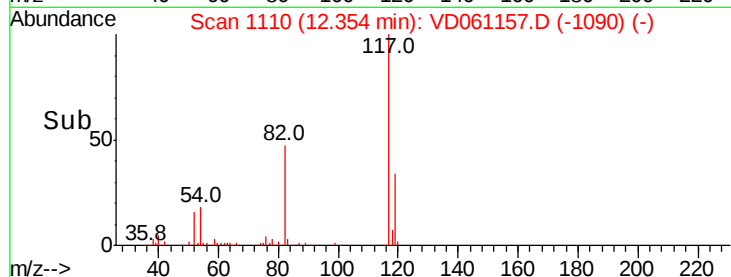
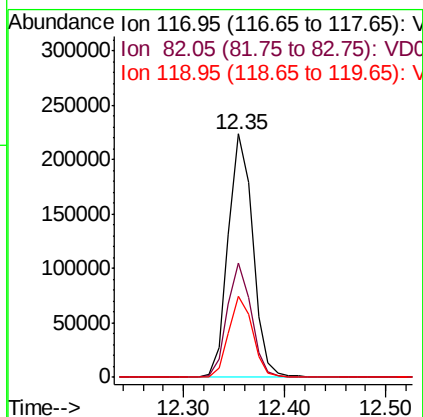
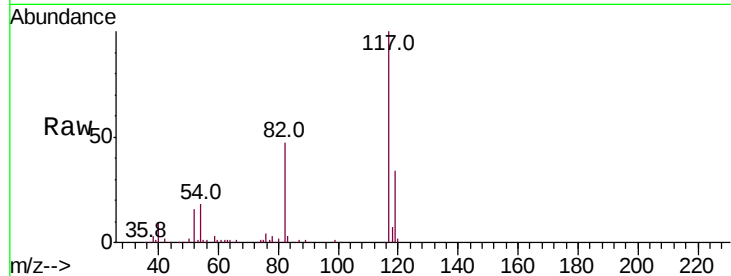




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Instrument :
MSVOA_D
ClientSampleId :
HR-05-031519-A

Tot Ion:117 Resp: 378499
Ion Ratio Lower Upper
117 100
82 46.7 38.9 58.3
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061157.D
Acq: 18 Mar 2019 20:41

Tgt Ion:152 Resp: 176793
Ion Ratio Lower Upper
152 100
115 54.1 28.6 85.9
150 157.1 0.0 310.6

