

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060358.D
 Acq On : 13 Nov 2018 14:06
 Operator : JC/SY
 Sample : J5901-02
 Misc : 5.43g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-E

Quant Time: Nov 14 12:40:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

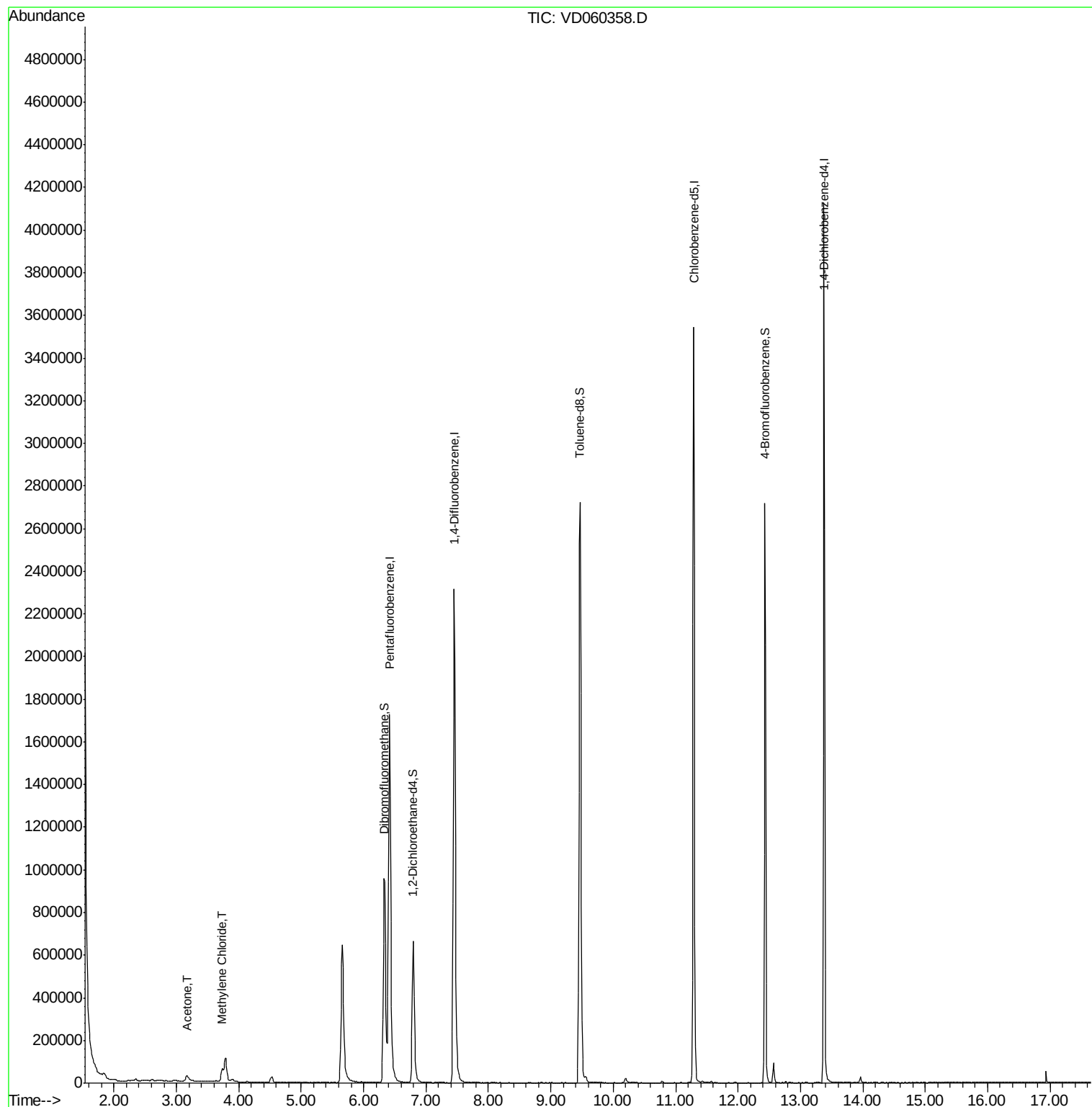
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1684383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2412066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1903742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	944127	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	560035	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	6.33	113	781084	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
50) Toluene-d8	9.47	98	2229695	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
62) 4-Bromofluorobenzene	12.43	95	772479	40.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.00%	
Target Compounds						
16) Acetone	3.17	43	62021	29.647	ug/l	95
20) Methylene Chloride	3.73	84	38528	2.076	ug/l	97

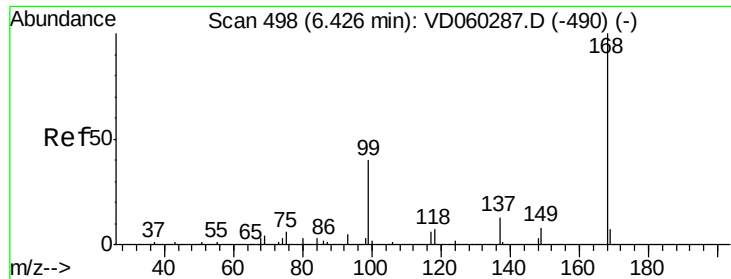
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060358.D

Acq: 13 Nov 2018 14:06

Instrument :

MSVOA_D

ClientSampleId :

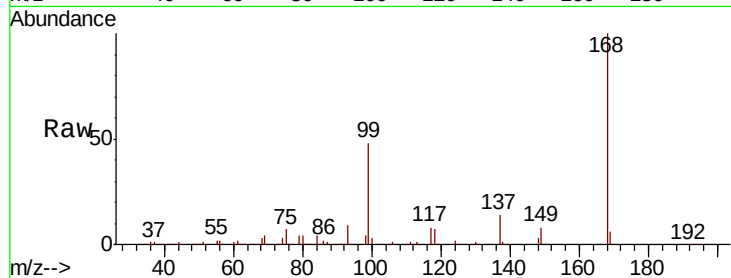
S-E

Tot Ion:168 Resp: 1684383

Ion Ratio Lower Upper

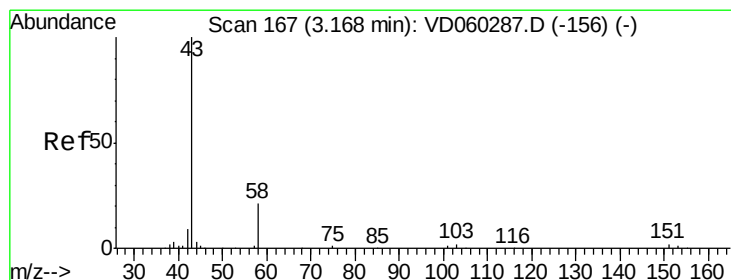
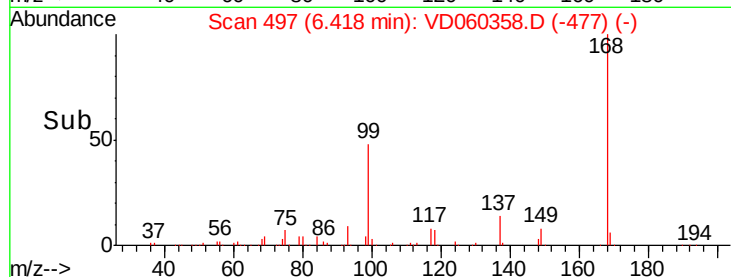
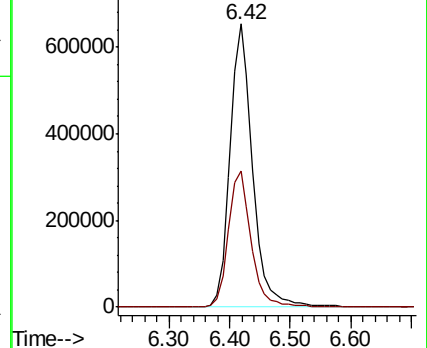
168 100

99 48.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 29.647 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060358.D

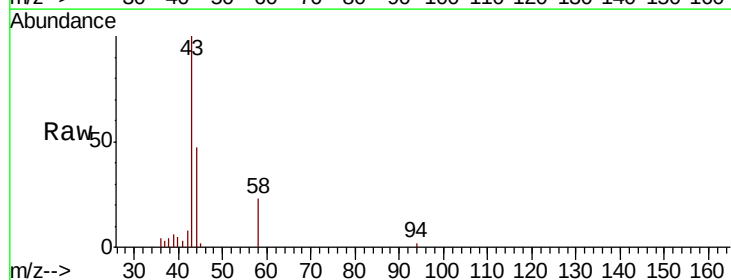
Acq: 13 Nov 2018 14:06

Tgt Ion: 43 Resp: 62021

Ion Ratio Lower Upper

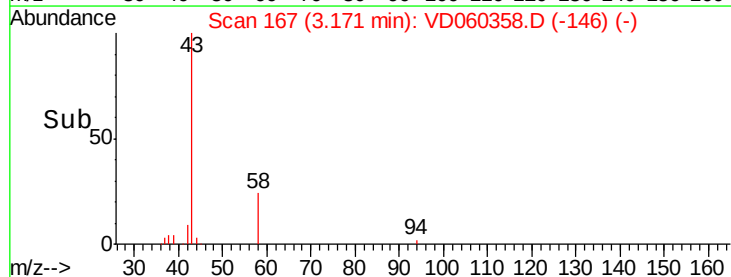
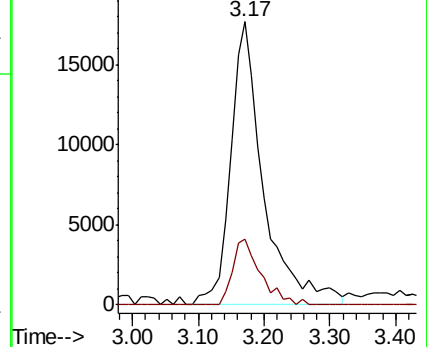
43 100

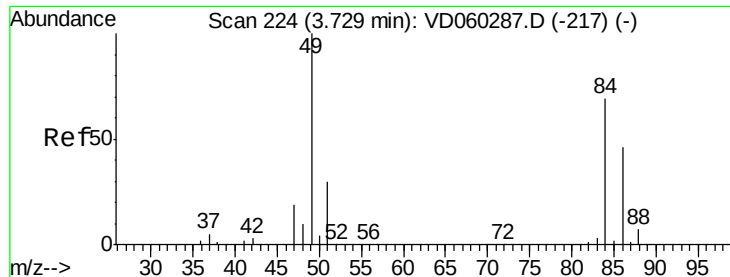
58 23.4 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

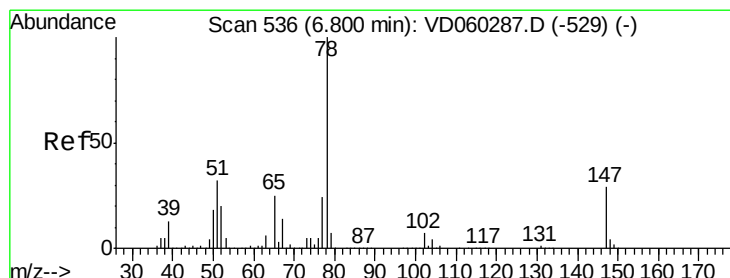
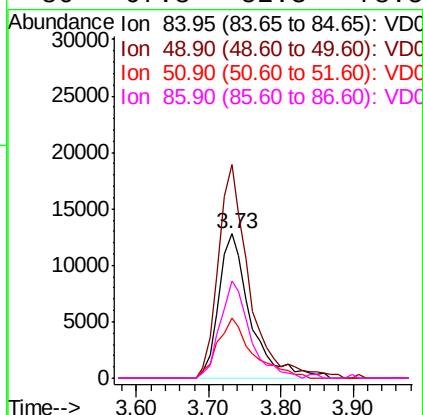
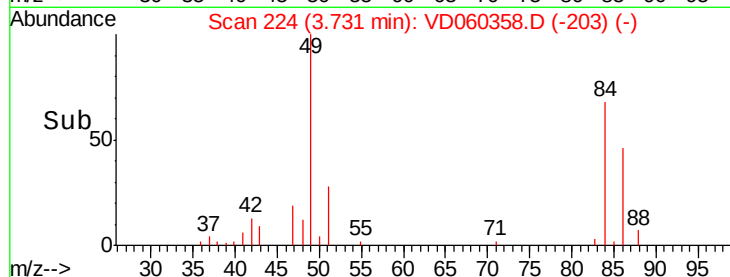
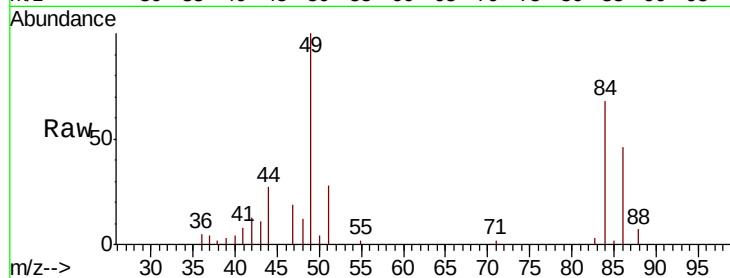




#20
Methylene Chloride
Concen: 2.076 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060358.D
Acq: 13 Nov 2018 14:06

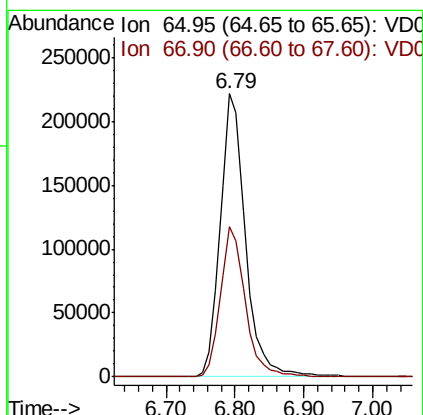
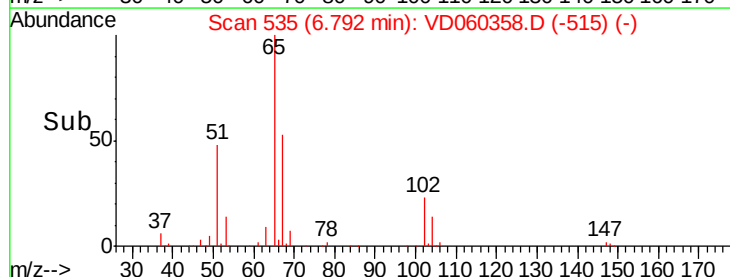
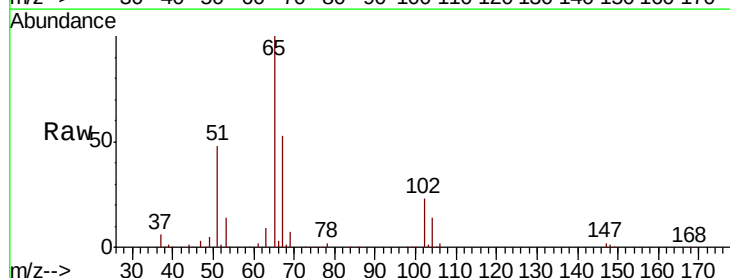
Instrument :
MSVOA_D
ClientSampleId :
S-E

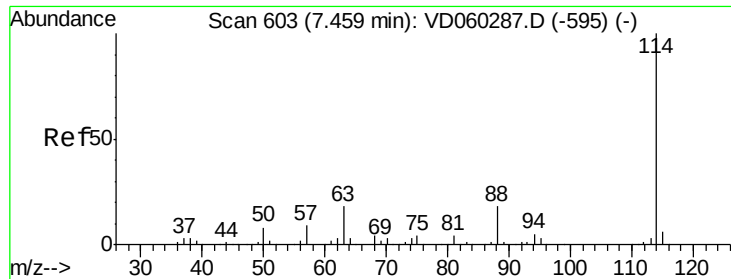
Tot Ion: 84 Resp: 38528
Ion Ratio Lower Upper
84 100
49 148.0 115.6 173.4
51 41.8 35.6 53.4
86 67.8 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060358.D
Acq: 13 Nov 2018 14:06

Tgt Ion: 65 Resp: 560035
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.8

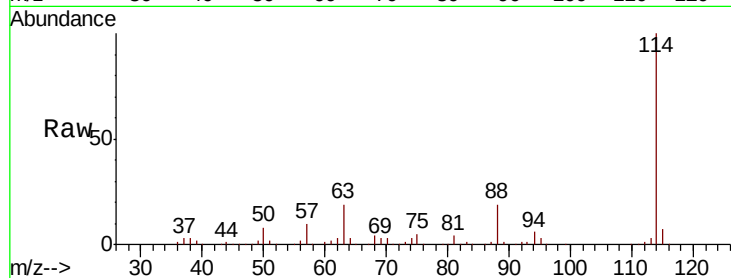




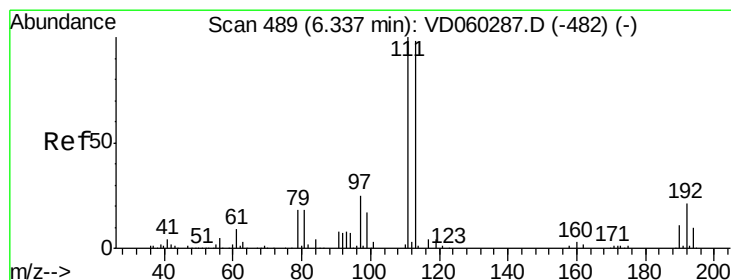
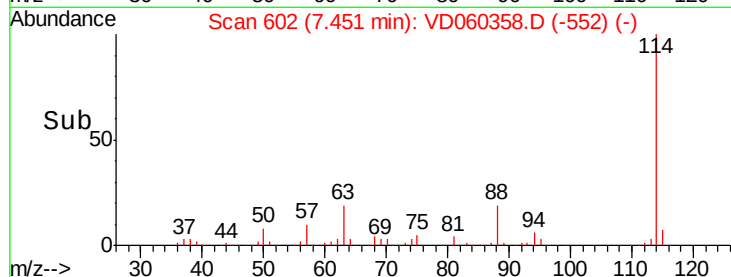
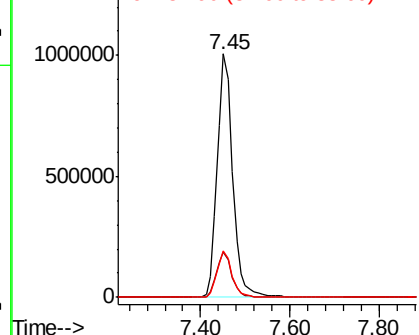
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060358.D
 Acq: 13 Nov 2018 14:06

Instrument :
 MSVOA_D
 ClientSampleID :
 S-E

Tot Ion:114 Resp: 2412066
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 19.0 0.0 35.4

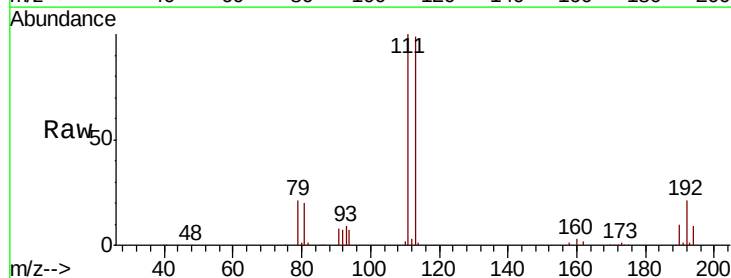


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

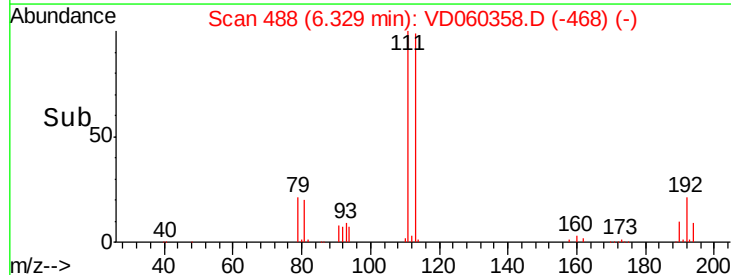
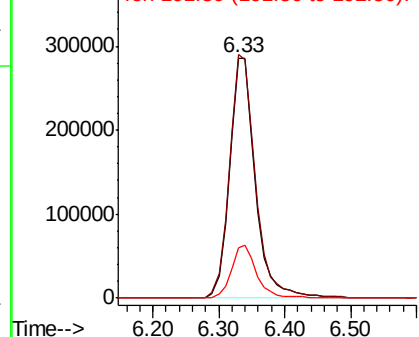


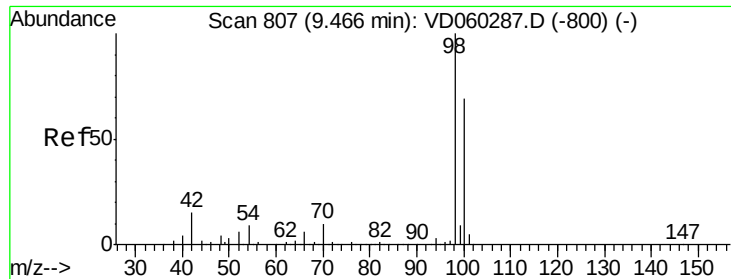
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060358.D
 Acq: 13 Nov 2018 14:06

Tgt Ion:113 Resp: 781084
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.6 122.4
 192 21.0 16.5 24.7



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

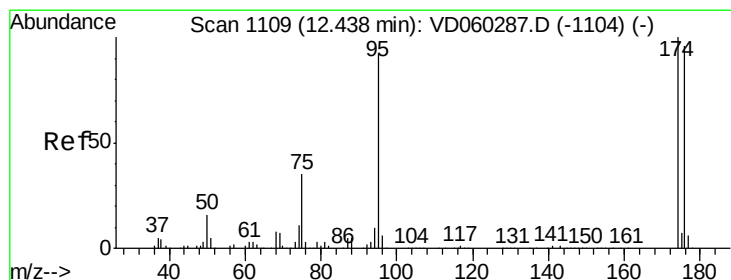
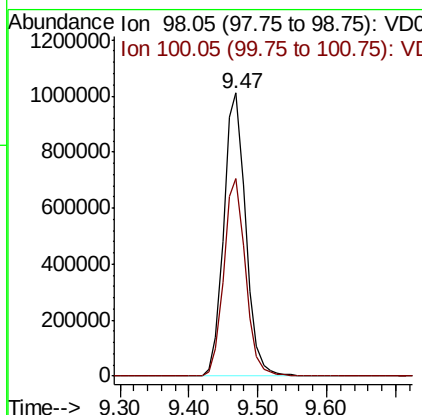
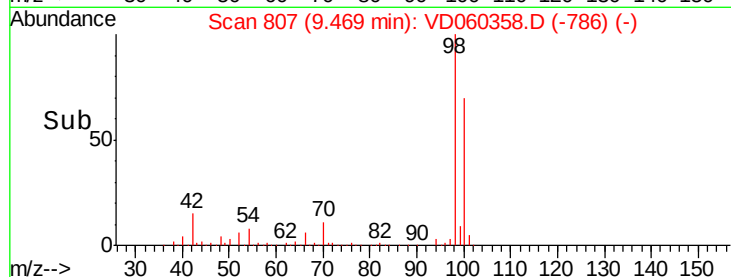
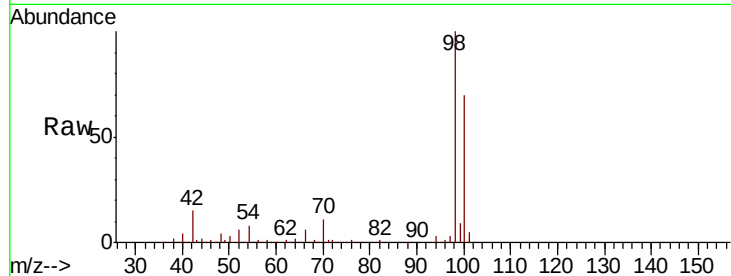




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.00 min
Lab File: VD060358.D
Acq: 13 Nov 2018 14:06

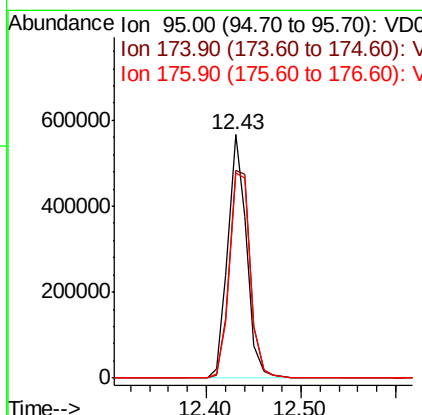
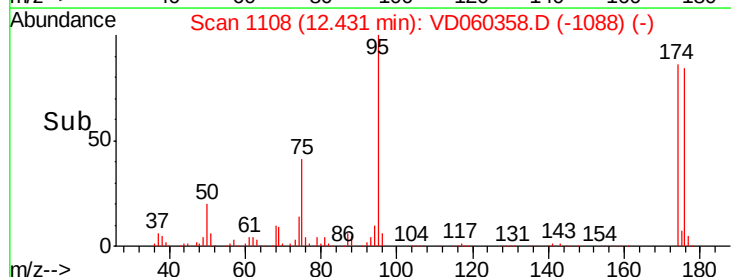
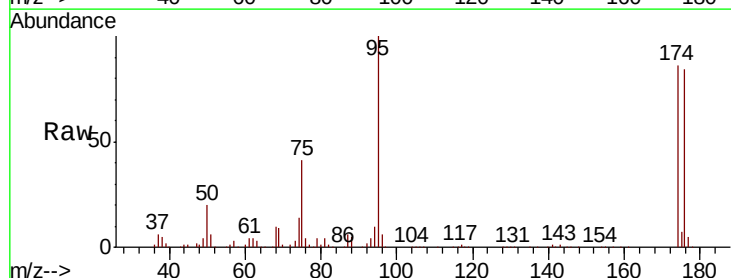
Instrument :
MSVOA_D
ClientSampled :
S-E

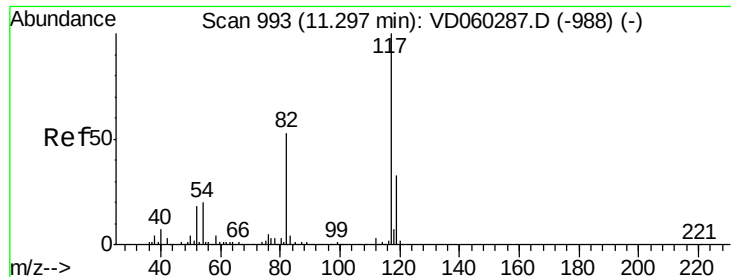
Tot Ion: 98 Resp: 2229695
Ion Ratio Lower Upper
98 100
100 69.7 55.2 82.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060358.D
Acq: 13 Nov 2018 14:06

Tgt Ion: 95 Resp: 772479
Ion Ratio Lower Upper
95 100
174 85.6 0.0 160.8
176 84.0 0.0 154.6

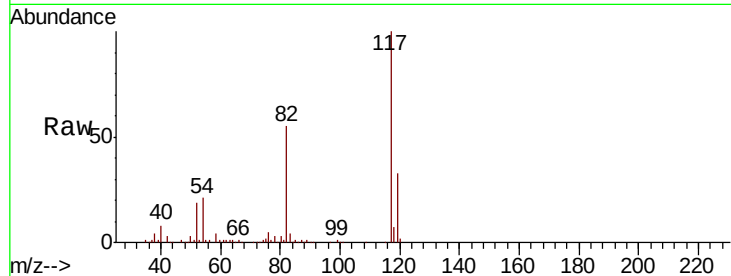




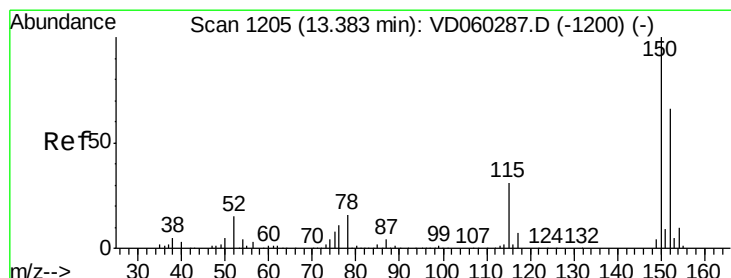
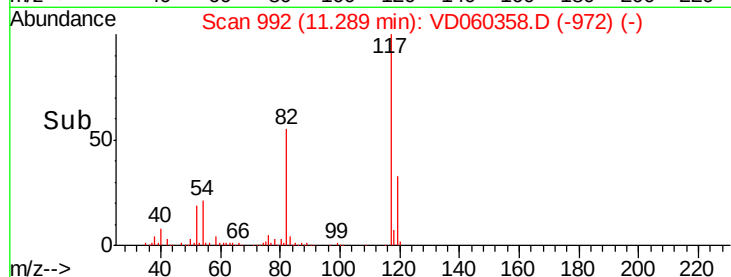
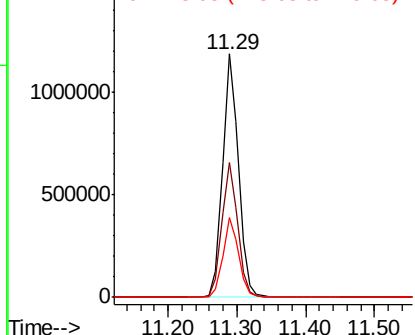
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060358.D
Acq: 13 Nov 2018 14:06

Instrument :
MSVOA_D
ClientSampleId :
S-E

Tot Ion:117 Resp: 1903742
Ion Ratio Lower Upper
117 100
82 55.1 43.7 65.5
119 32.8 26.1 39.1

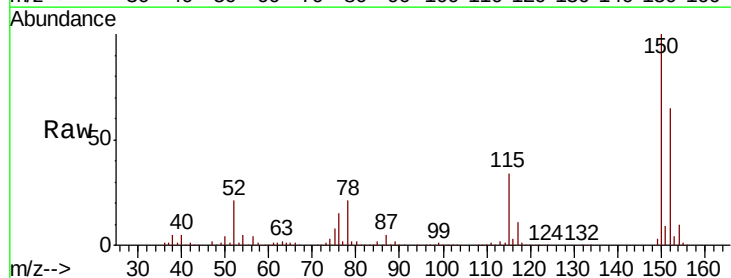


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060358.D
Acq: 13 Nov 2018 14:06

Tgt Ion:152 Resp: 944127
Ion Ratio Lower Upper
152 100
115 53.1 24.1 72.3
150 154.6 0.0 310.6



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

