

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111218\
 Data File : VD060346.D
 Acq On : 12 Nov 2018 19:19
 Operator : JC/SY
 Sample : J5908-03
 Misc : 7.07g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-2-S

Quant Time: Nov 13 01:56:10 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

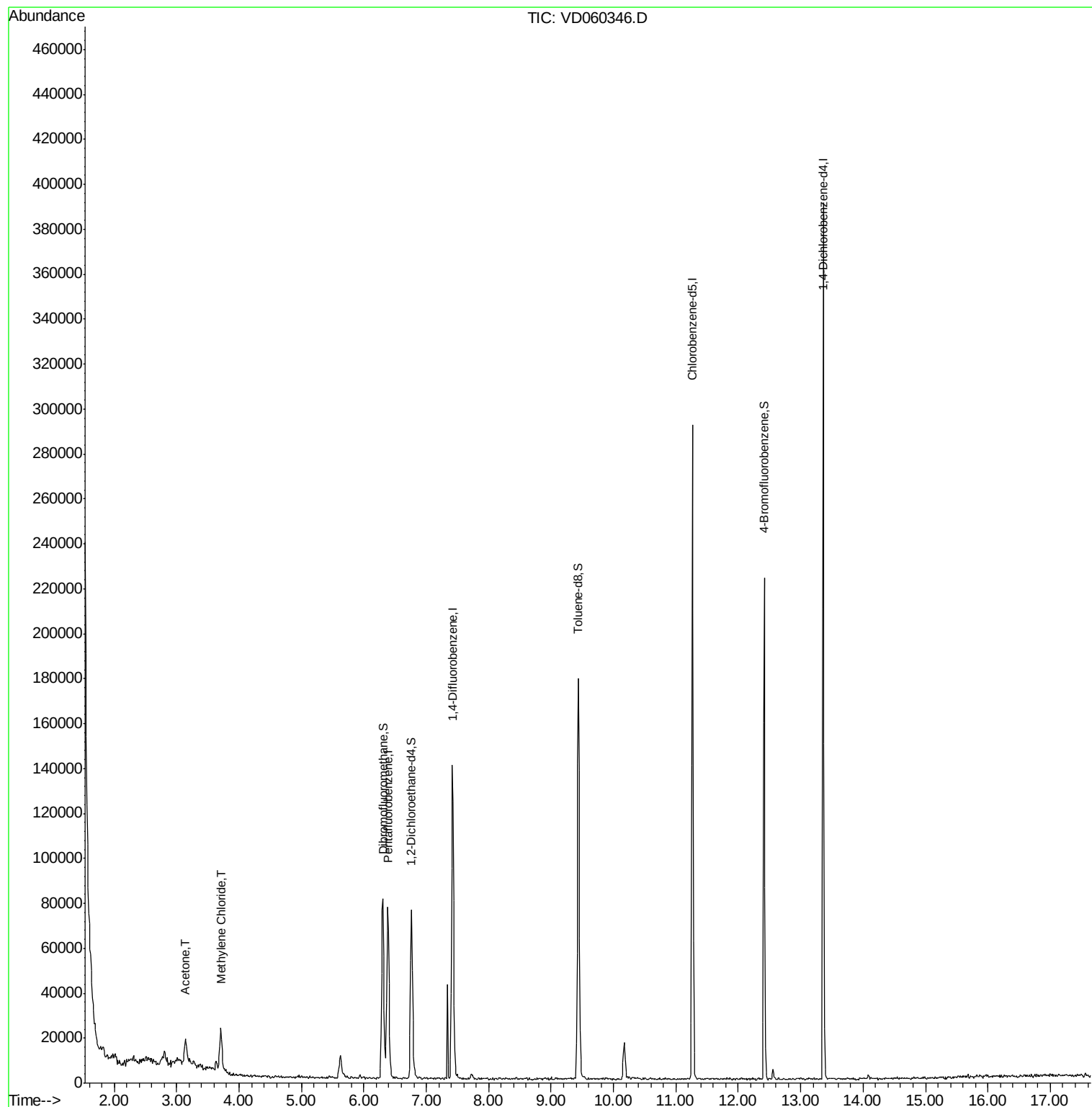
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	76983	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	142928	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	145158	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	80205	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	65847	119.46	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	238.92%	
35) Dibromofluoromethane	6.31	113	64186	60.22	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	120.44%	
50) Toluene-d8	9.43	98	139167	44.61	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.22%	
62) 4-Bromofluorobenzene	12.42	95	59747	52.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.72%	
Target Compounds						
16) Acetone	3.15	43	24071	251.753	ug/l	96
20) Methylene Chloride	3.71	84	10968	12.931	ug/l	95

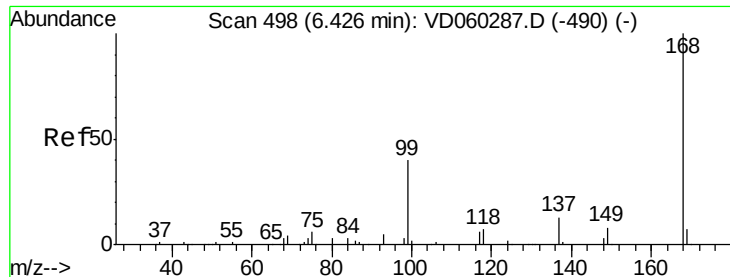
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 06 13:56:04 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampleId :

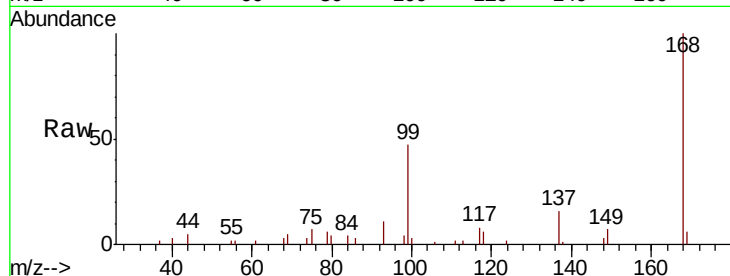
SR-2-S

Tot Ion:168 Resp: 76983

Ion Ratio Lower Upper

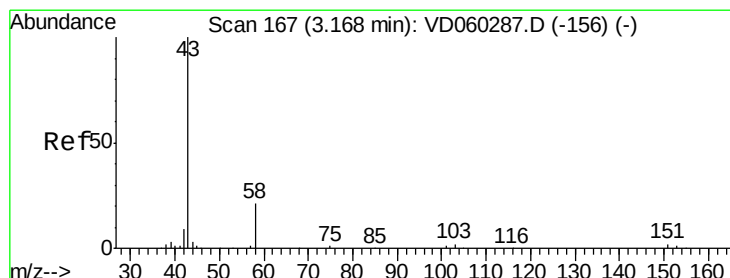
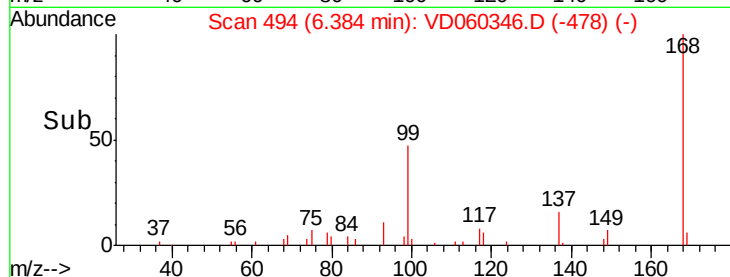
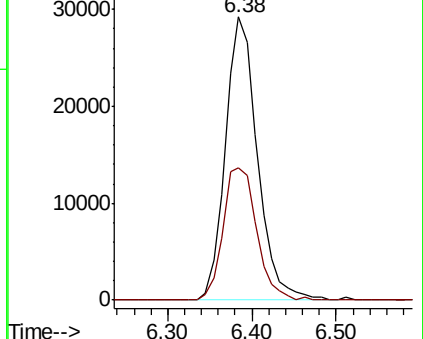
168 100

99 46.9 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: 251.753 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060346.D

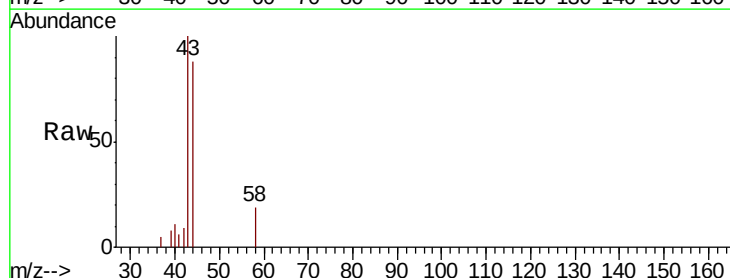
Acq: 12 Nov 2018 19:19

Tgt Ion: 43 Resp: 24071

Ion Ratio Lower Upper

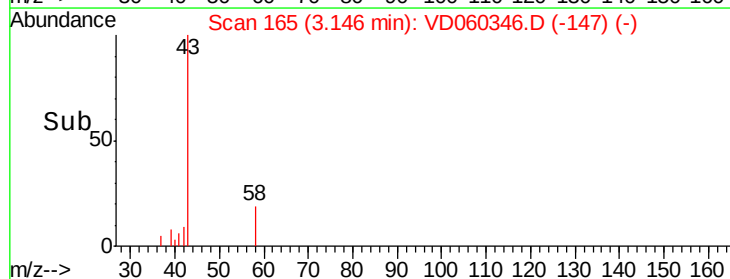
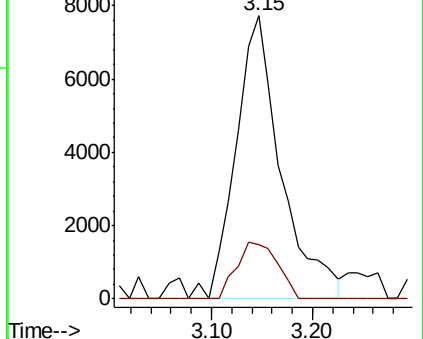
43 100

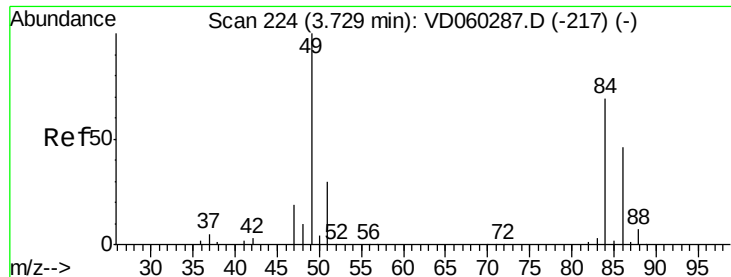
58 19.0 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

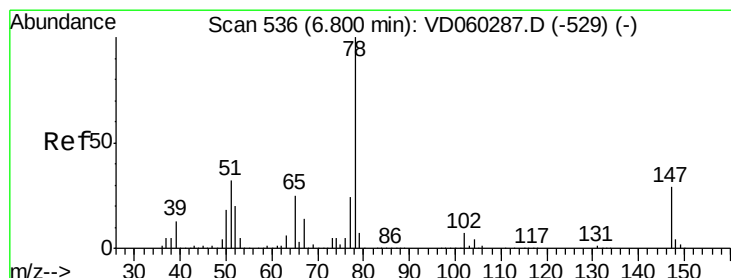
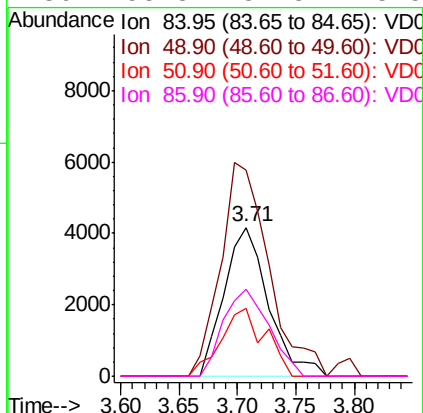
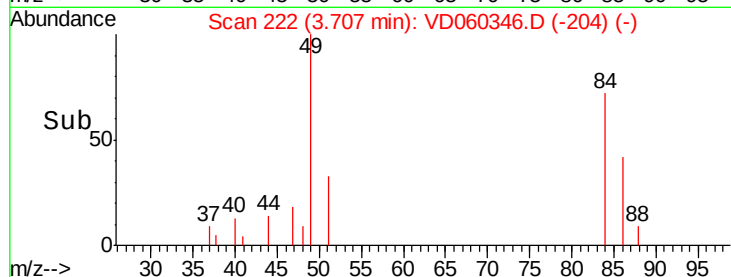
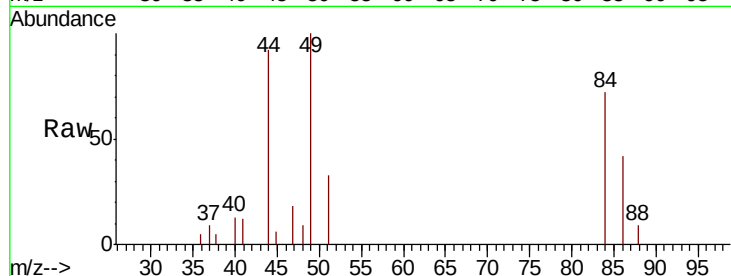




#20
Methylene Chloride
Concen: 12.931 ug/l
RT: 3.71 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

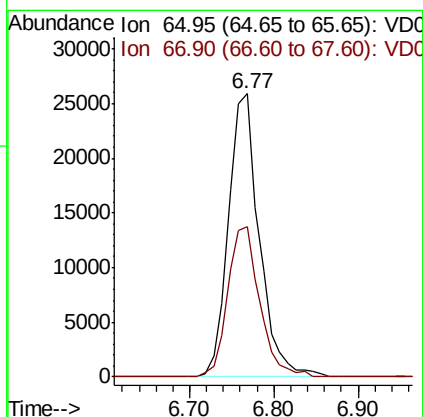
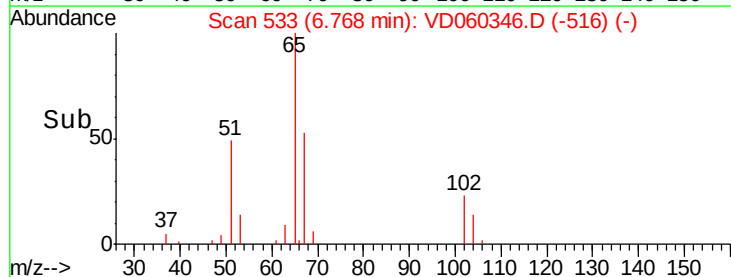
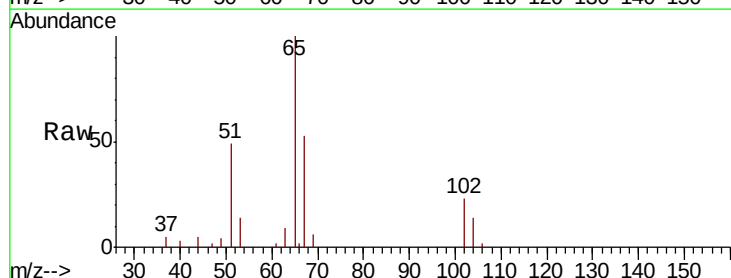
Instrument :
MSVOA_D
ClientSampleID :
SR-2-S

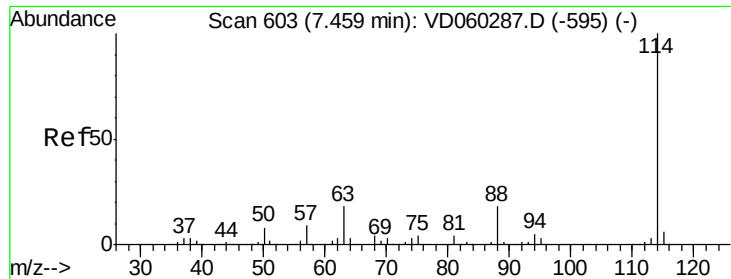
Tot Ion: 84 Resp: 10968
Ion Ratio Lower Upper
84 100
49 138.4 115.6 173.4
51 45.9 35.6 53.4
86 58.8 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. -0.03 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Tgt Ion: 65 Resp: 65847
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.8

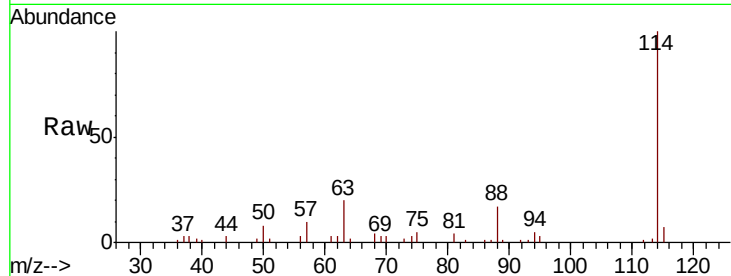




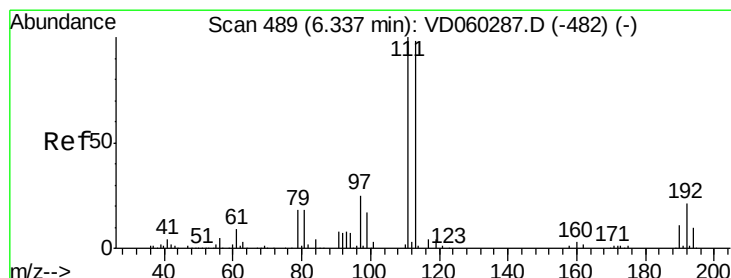
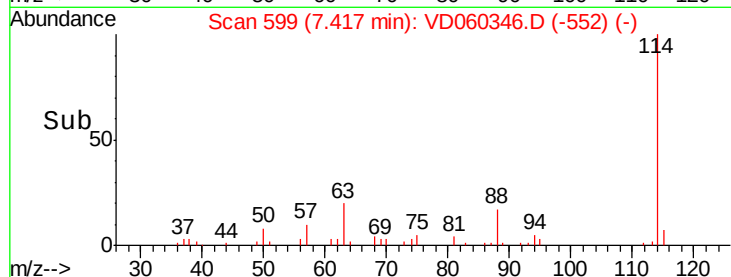
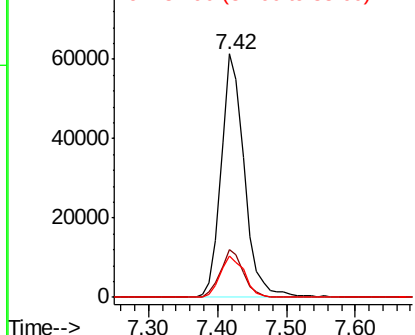
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.04 min
 Lab File: VD060346.D
 Acq: 12 Nov 2018 19:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SR-2-S

Tot Ion:114 Resp: 142928
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 34.0
 88 17.2 0.0 35.4

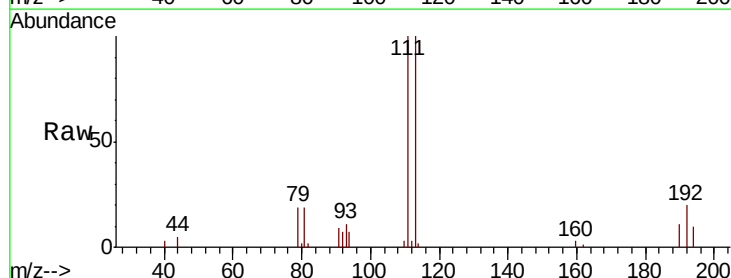


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

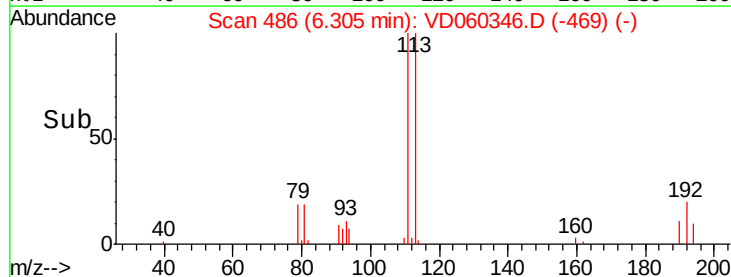
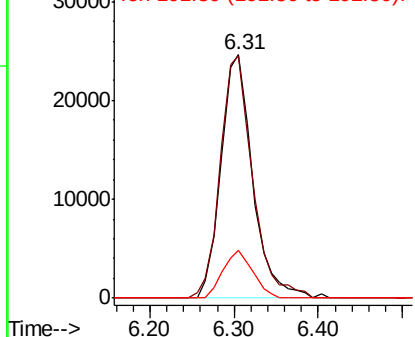


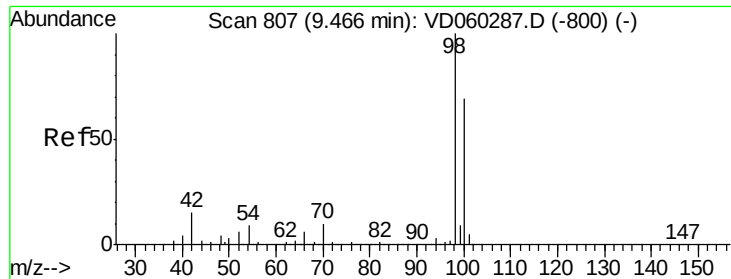
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: VD060346.D
 Acq: 12 Nov 2018 19:19

Tgt Ion:113 Resp: 64186
 Ion Ratio Lower Upper
 113 100
 111 99.5 81.6 122.4
 192 19.7 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: 9.43 min Scan# 804

Delta R.T. -0.03 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

Instrument :

MSVOA_D

ClientSampleId :

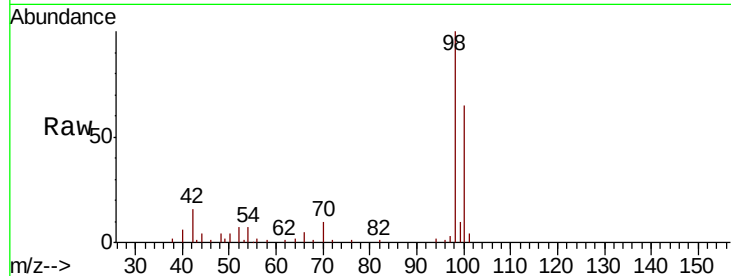
SR-2-S

Tot Ion: 98 Resp: 139167

Ion Ratio Lower Upper

98 100

100 65.0 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.43

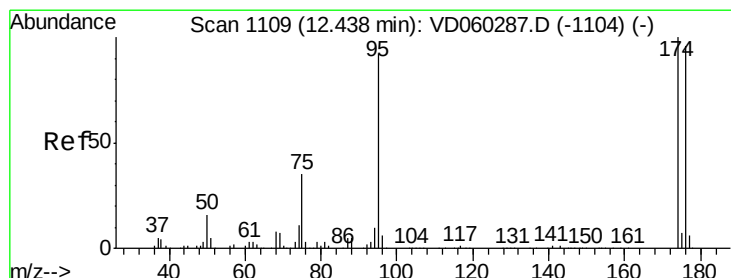
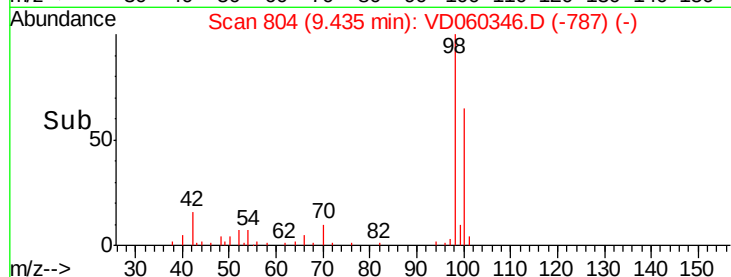
60000

40000

20000

0

Time--> 9.30 9.40 9.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060346.D

Acq: 12 Nov 2018 19:19

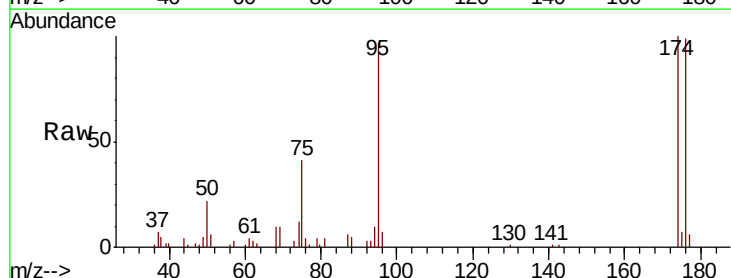
Tgt Ion: 95 Resp: 59747

Ion Ratio Lower Upper

95 100

174 103.2 0.0 160.8

176 102.3 0.0 154.6



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

12.42

60000

50000

40000

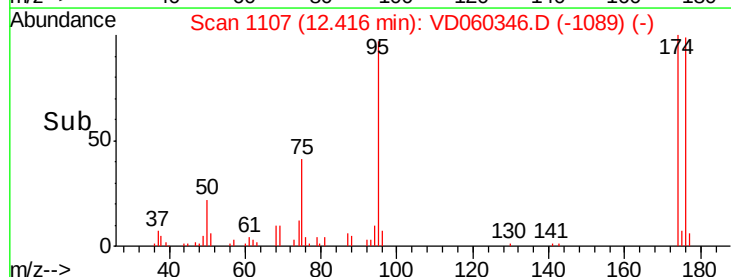
30000

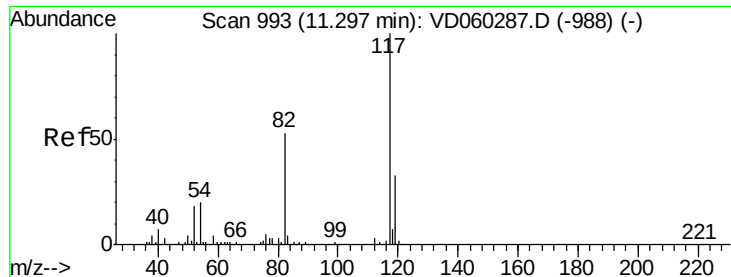
20000

10000

0

Time--> 12.35 12.40 12.45 12.50

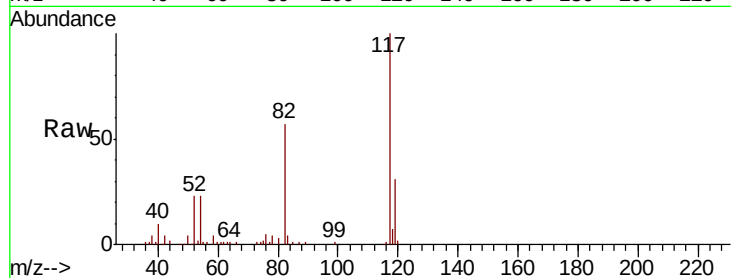




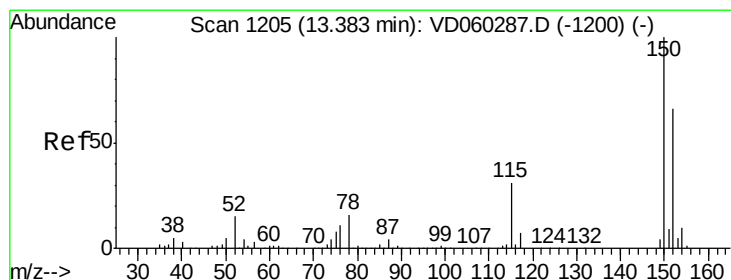
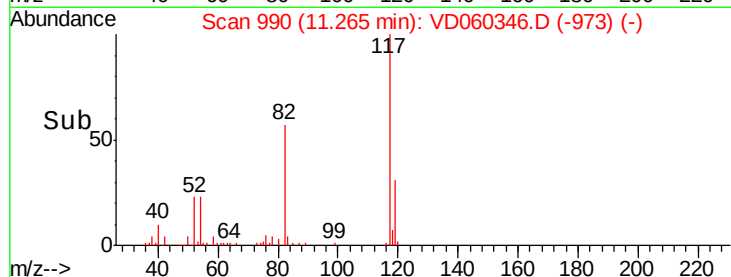
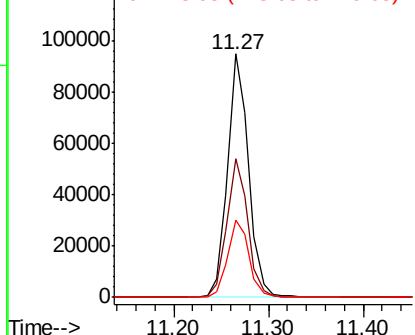
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Instrument :
MSVOA_D
ClientSampleId :
SR-2-S

Tot Ion:117 Resp: 145158
Ion Ratio Lower Upper
117 100
82 56.7 43.7 65.5
119 31.5 26.1 39.1

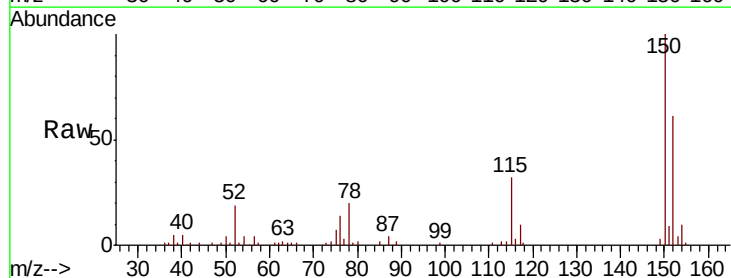


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060346.D
Acq: 12 Nov 2018 19:19

Tgt Ion:152 Resp: 80205
Ion Ratio Lower Upper
152 100
115 52.1 24.1 72.3
150 164.3 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

