

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060032.D
 Acq On : 17 Sep 2018 20:19
 Operator : JC/SY
 Sample : J4929-05RE
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-12RE

Quant Time: Sep 18 05:30:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

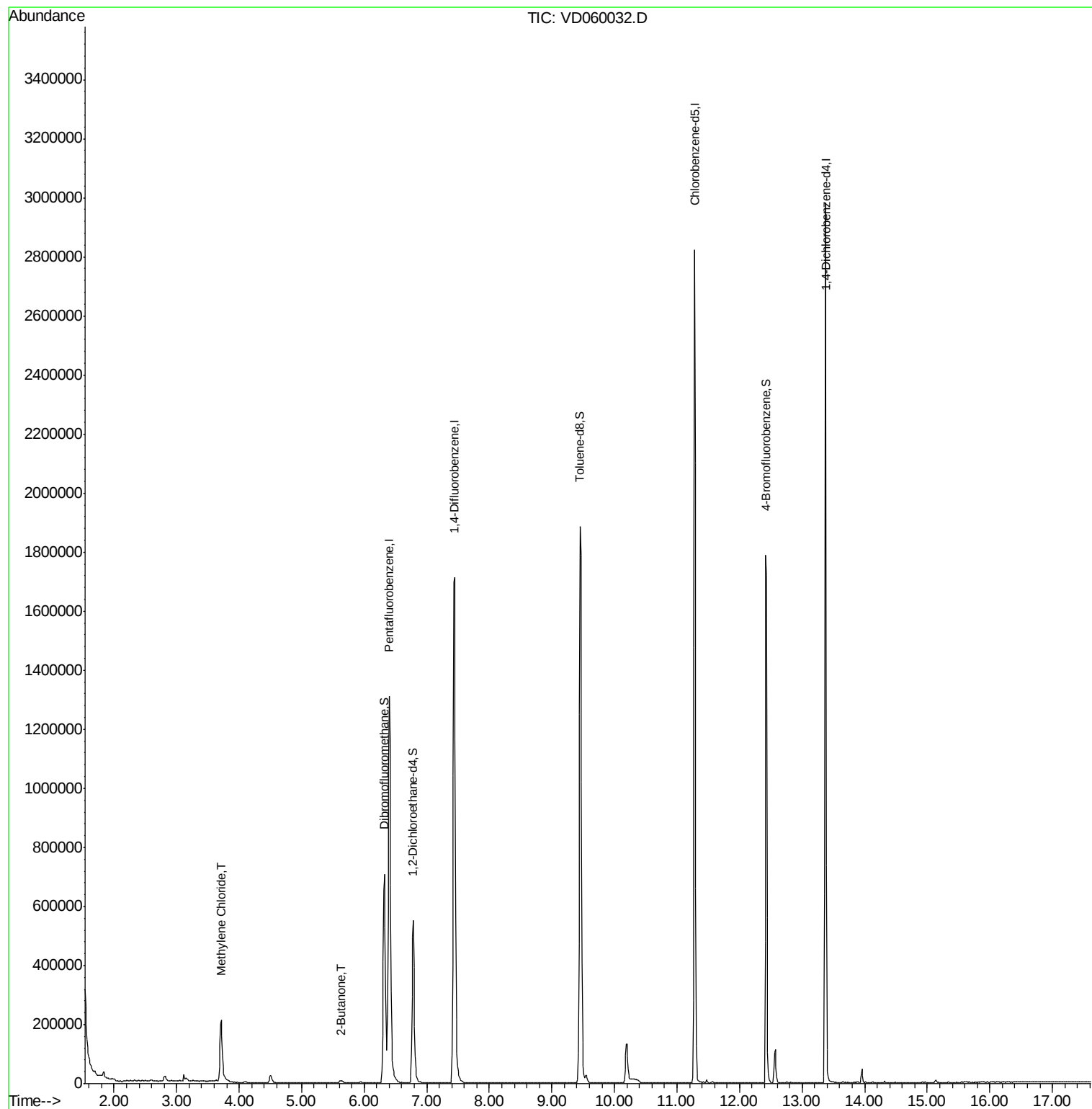
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1238733	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1841494	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1457027	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	758790	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	444602	46.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	6.32	113	553666	38.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	76.96%	
50) Toluene-d8	9.45	98	1549063	38.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.70%	
62) 4-Bromofluorobenzene	12.42	95	565996	37.16	ug/l	0.01
Spiked Amount 50.000			Recovery	=	74.32%	
Target Compounds						
20) Methylene Chloride	3.71	84	127890	2.84	ug/l	Qvalue 96
25) 2-Butanone	5.62	43	12732	2.53	ug/l	95

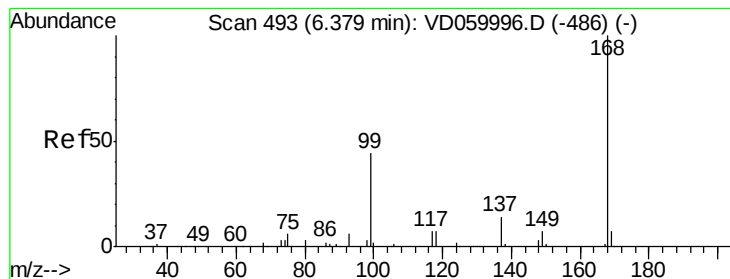
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060032.D

Acq: 17 Sep 2018 20:19

Instrument :

MSVOA_D

ClientSampleId :

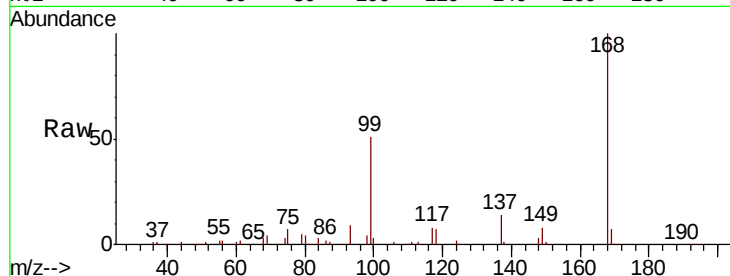
SP-PIT-12RE

Tot Ion:168 Resp: 1238733

Ion Ratio Lower Upper

168 100

99 50.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

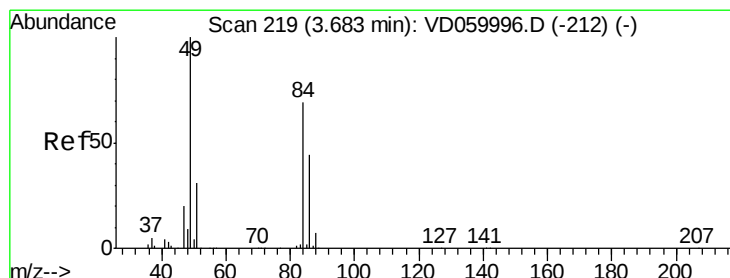
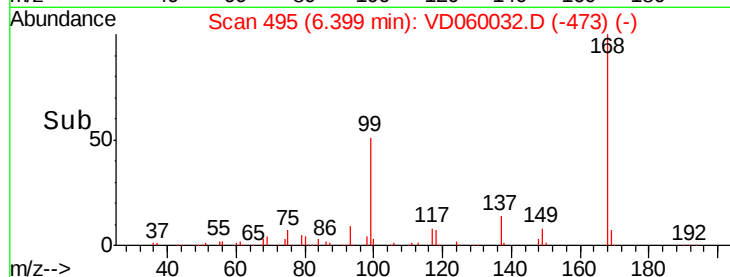
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 2.84 ug/l

RT: 3.71 min Scan# 222

Delta R.T. 0.03 min

Lab File: VD060032.D

Acq: 17 Sep 2018 20:19

Tgt Ion: 84 Resp: 127890

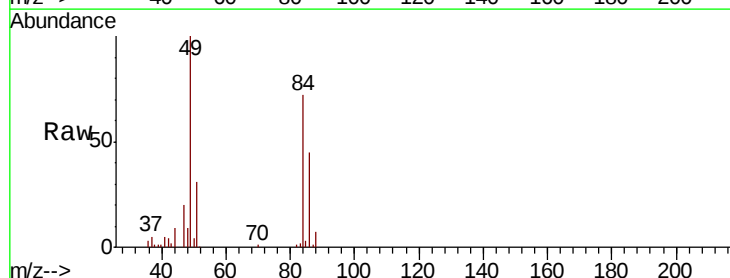
Ion Ratio Lower Upper

84 100

49 138.5 116.6 175.0

51 42.8 35.9 53.9

86 63.0 51.8 77.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

100000

80000

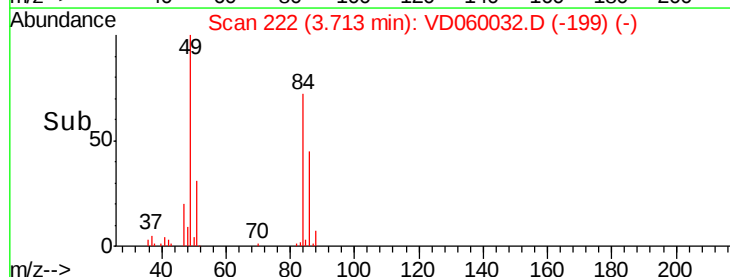
60000

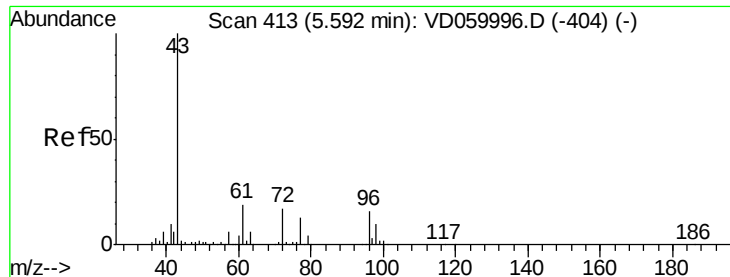
40000

20000

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Time-->

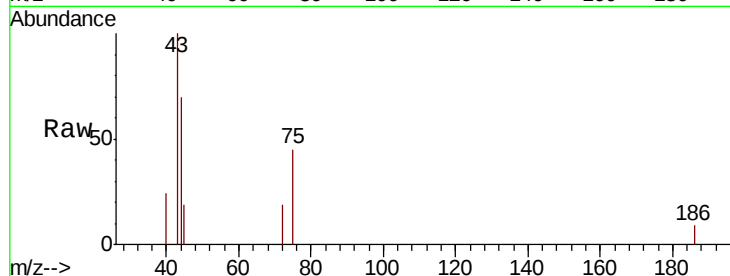




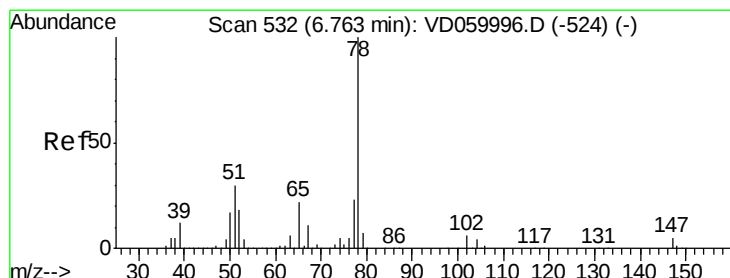
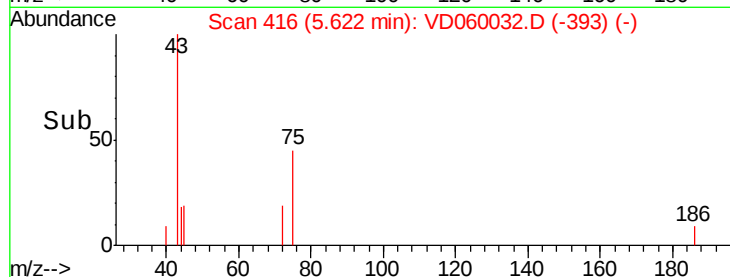
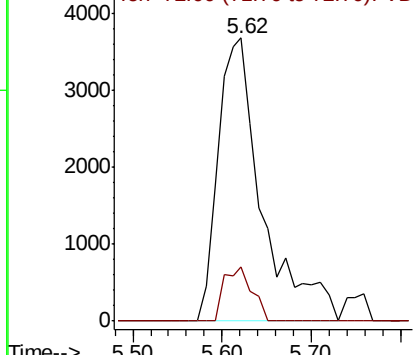
#25
2-Butanone
Concen: 2.53 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.03 min
Lab File: VD060032.D
Acq: 17 Sep 2018 20:19

Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-12RE

Tot Ion: 43 Resp: 12732
Ion Ratio Lower Upper
43 100
72 19.1 13.6 20.4

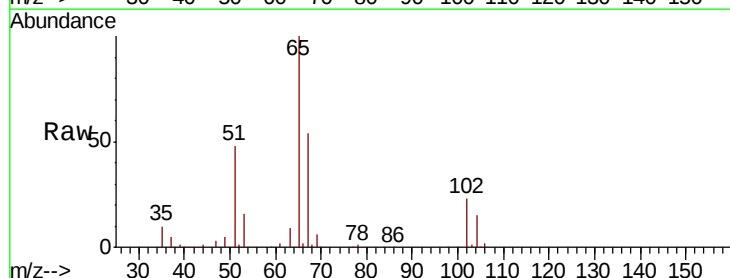


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

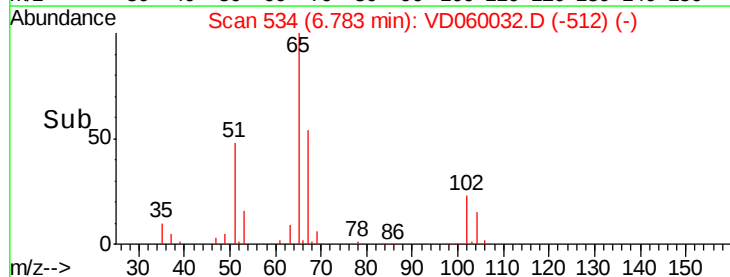
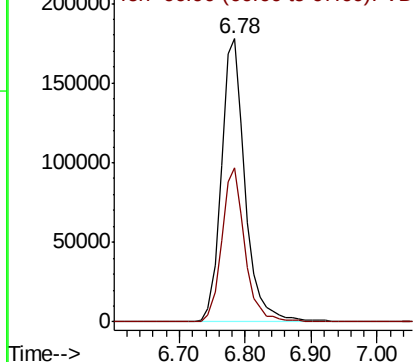


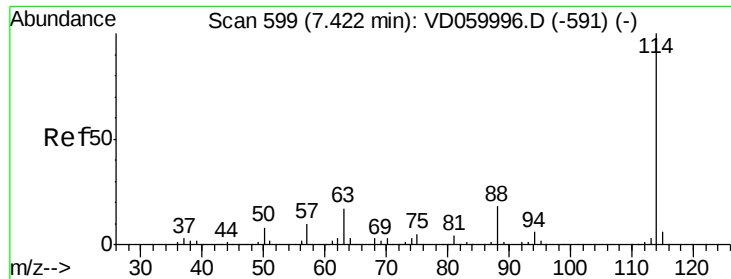
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060032.D
Acq: 17 Sep 2018 20:19

Tgt Ion: 65 Resp: 444602
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

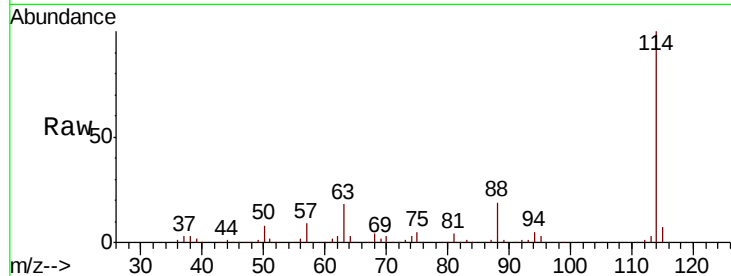




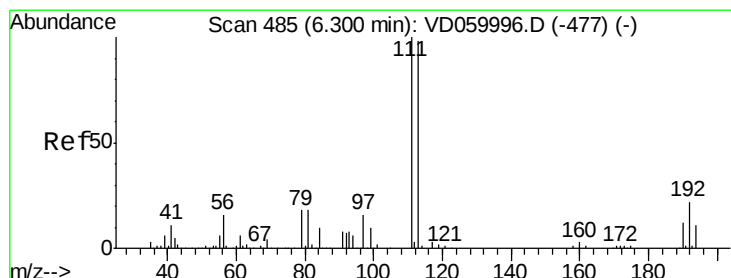
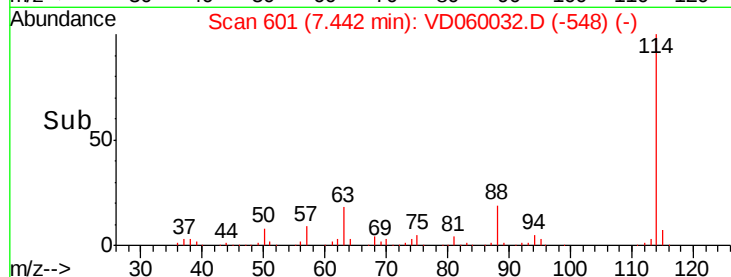
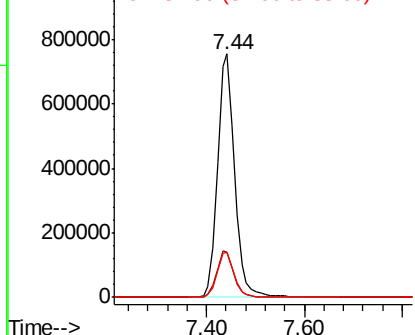
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060032.D
 Acq: 17 Sep 2018 20:19

Instrument :
 MSVOA_D
 ClientSampleID :
 SP-PIT-12RE

Tot Ion:114 Resp: 1841494
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.4
 88 18.5 0.0 35.8

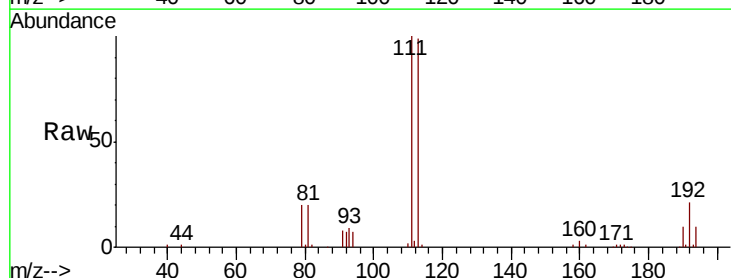


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

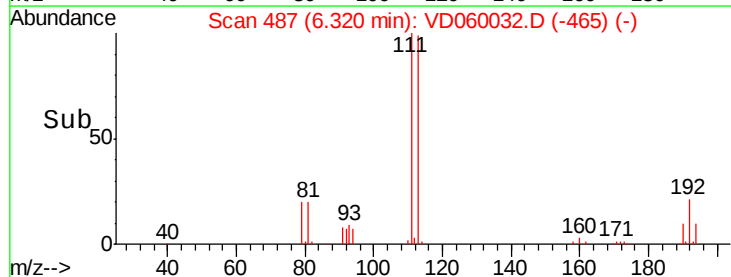
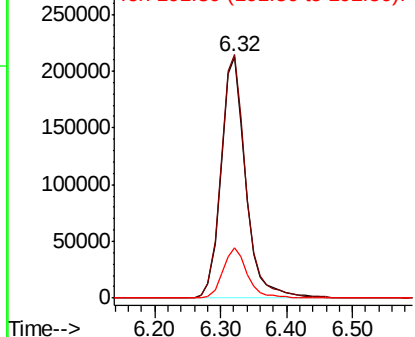


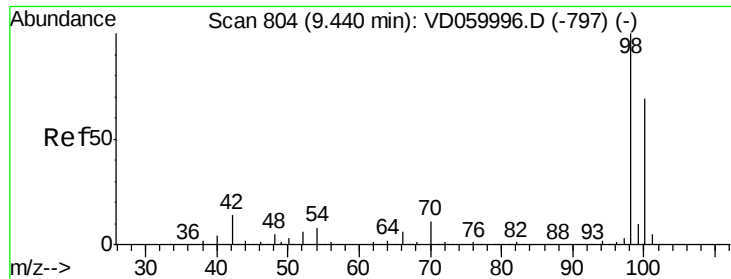
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060032.D
 Acq: 17 Sep 2018 20:19

Tgt Ion:113 Resp: 553666
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.3 121.9
 192 21.1 18.1 27.1



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: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060032.D

Acq: 17 Sep 2018 20:19

Instrument :

MSVOA_D

ClientSampleId :

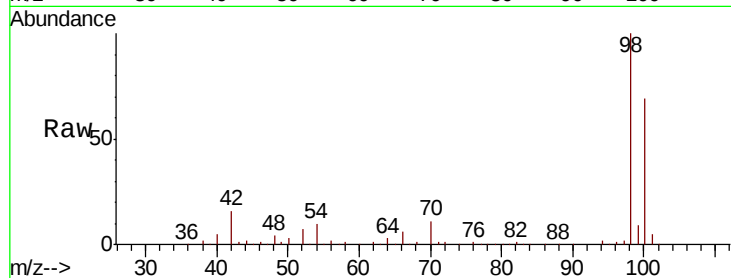
SP-PIT-12RE

Tot Ion: 98 Resp: 1549063

Ion Ratio Lower Upper

98 100

100 69.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VD059996.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD059996.D (-797) (-)

800000

600000

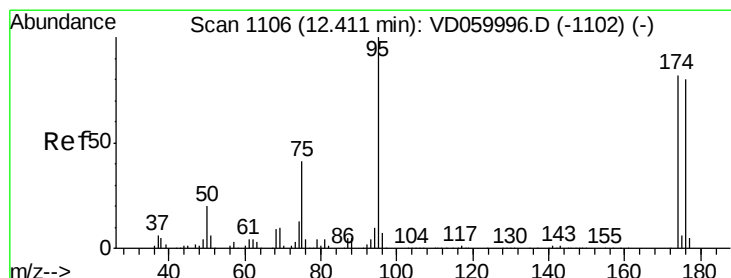
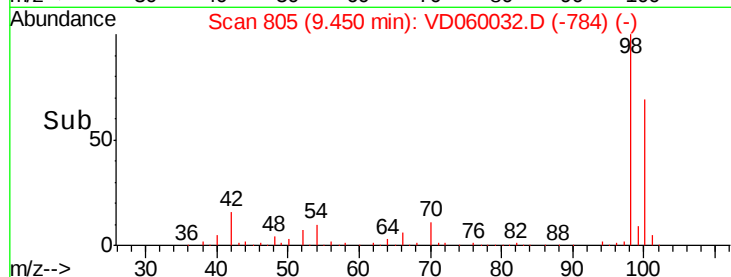
400000

200000

0

9.30 9.40 9.50 9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060032.D

Acq: 17 Sep 2018 20:19

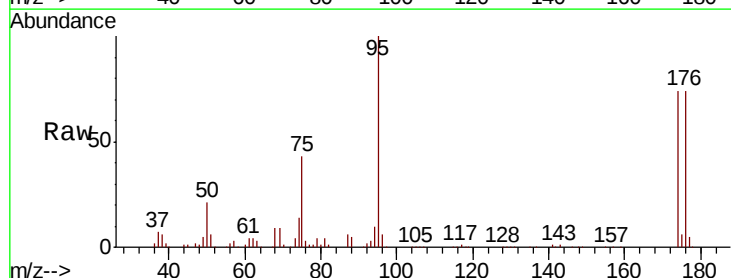
Tgt Ion: 95 Resp: 565996

Ion Ratio Lower Upper

95 100

174 74.2 0.0 165.0

176 74.3 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VD059996.D (-1102) (-)

Ion 173.90 (173.60 to 174.60): VD059996.D (-1102) (-)

Ion 175.90 (175.60 to 176.60): VD059996.D (-1102) (-)

500000

400000

300000

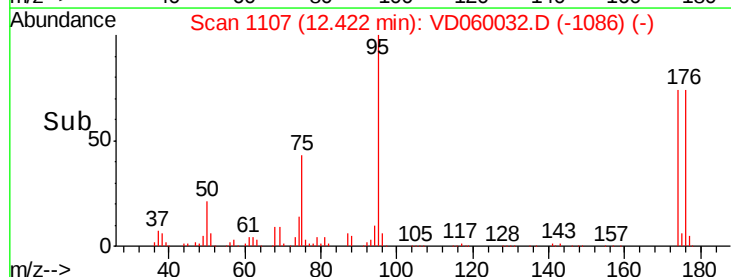
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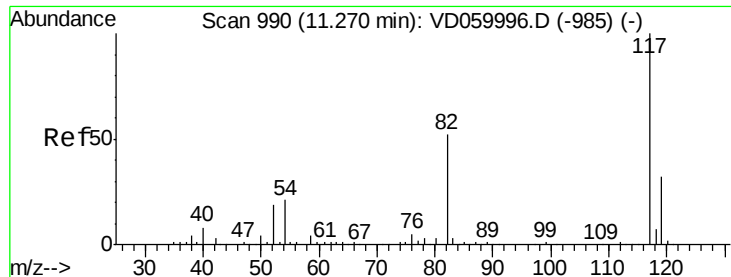
100000

0

12.30 12.40 12.50 12.60

Time-->

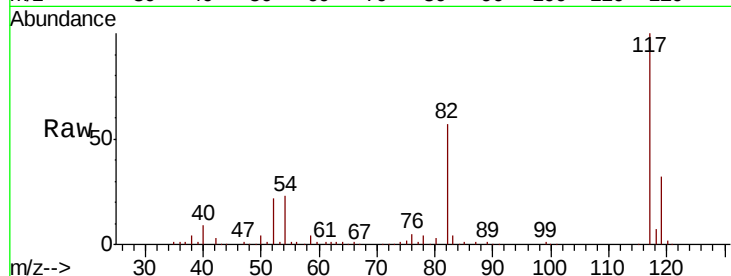




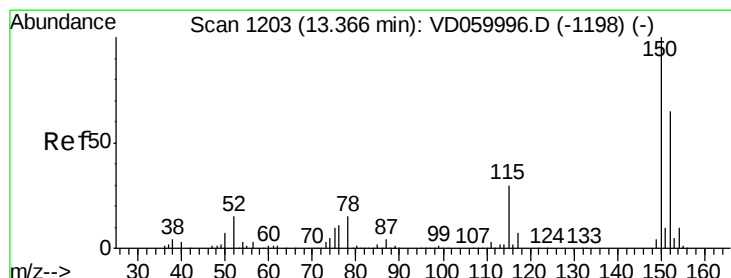
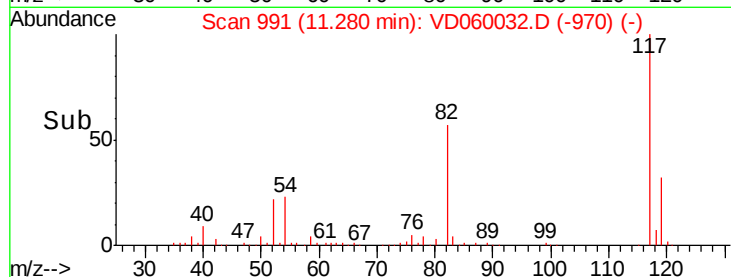
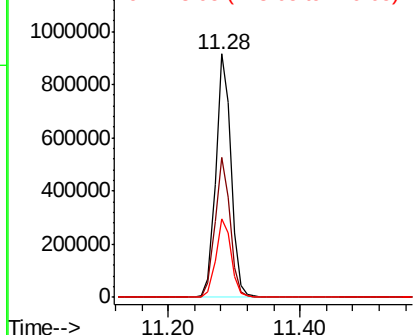
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060032.D
Acq: 17 Sep 2018 20:19

Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-12RE

Tot Ion:117 Resp: 1457027
Ion Ratio Lower Upper
117 100
82 57.4 41.7 62.5
119 32.0 26.0 39.0

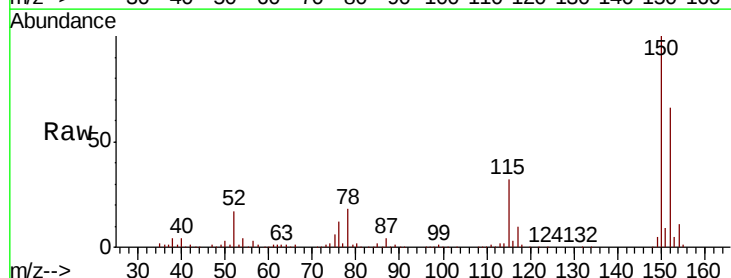


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060032.D
Acq: 17 Sep 2018 20:19

Tgt Ion:152 Resp: 758790
Ion Ratio Lower Upper
152 100
115 48.8 24.6 73.8
150 151.2 0.0 313.4



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

