

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051019\
 Data File : VX009507.D
 Acq On : 11 May 2019 01:30
 Operator : JC/SP
 Sample : K2805-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: May 11 04:33:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	124106	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
35) Dibromofluoromethane	5.50	113	91354	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
50) Toluene-d8	8.71	98	377052	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.13	95	124503	44.54	ug/l	0.00
Spiked Amount			Recovery	=	89.08%	

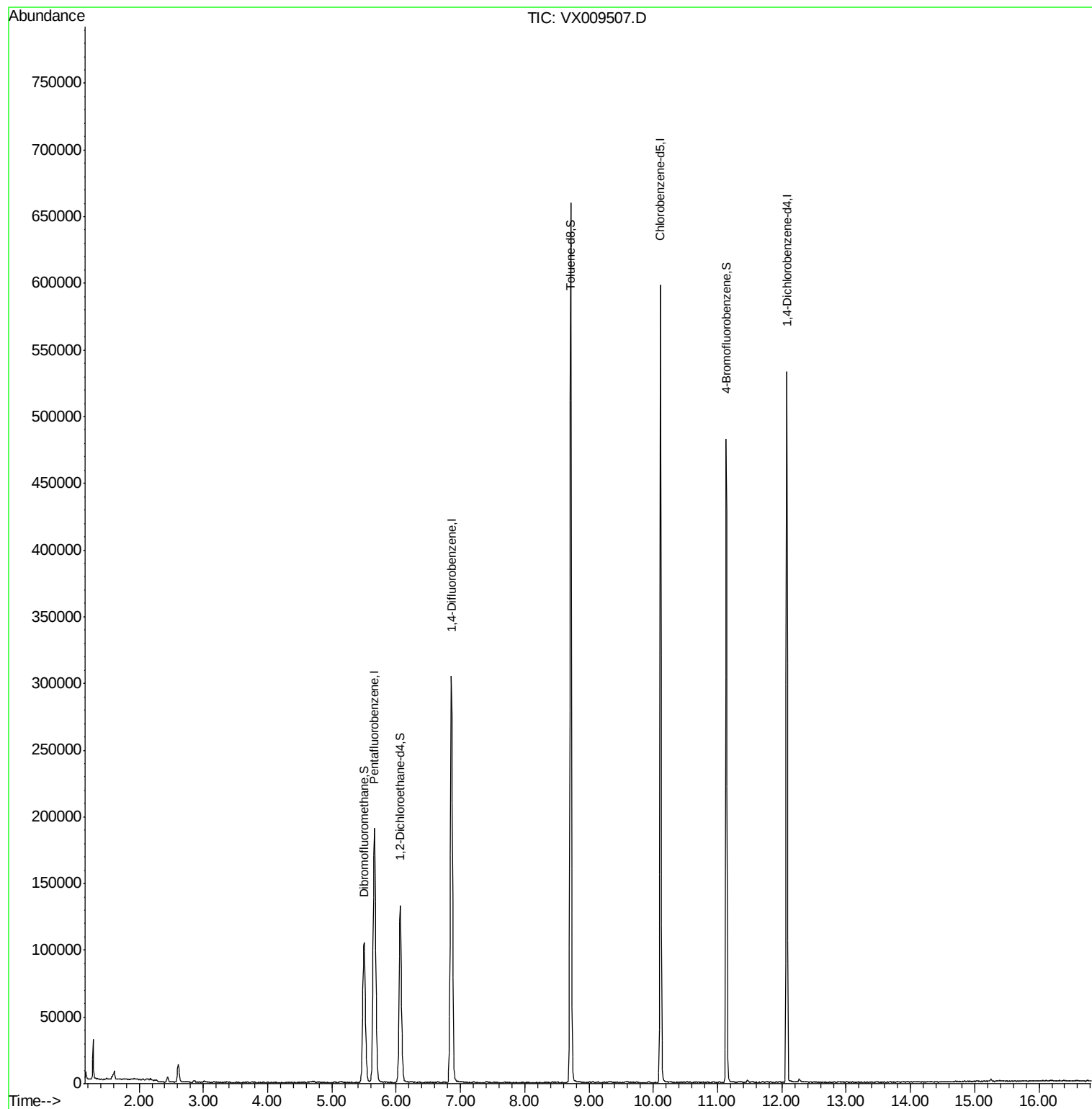
Target Compounds	Qvalue
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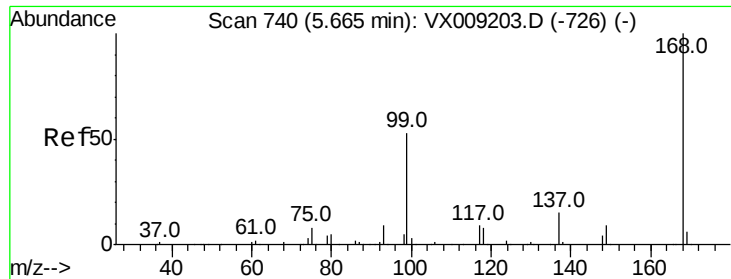
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

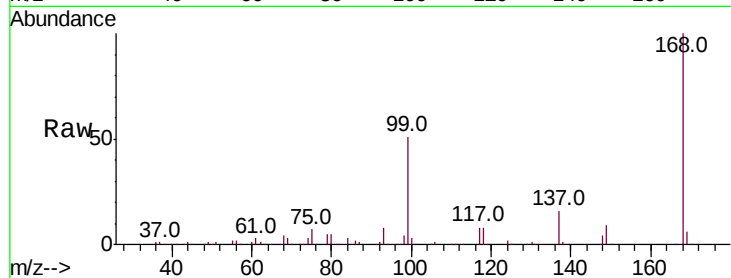
STORAGE-BLANK-SOIL-REF-6

Tot Ion:168 Resp: 188674

Ion Ratio Lower Upper

168 100

99 51.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

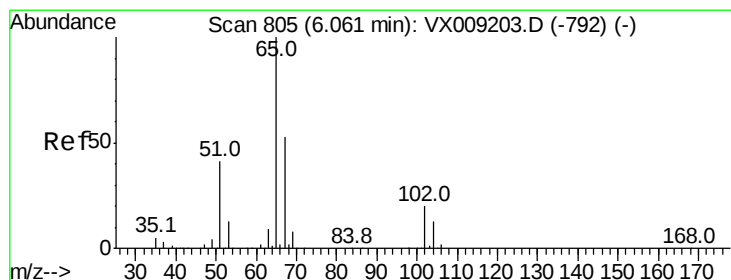
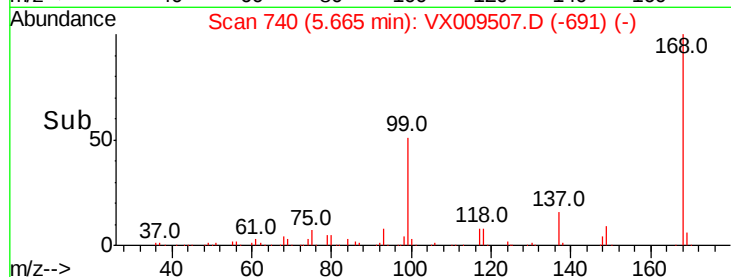
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.185 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009507.D

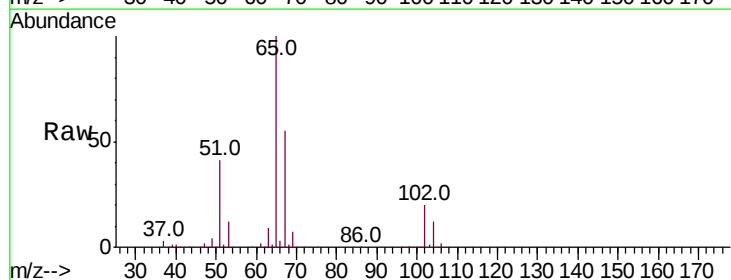
Acq: 11 May 2019 01:30

Tgt Ion: 65 Resp: 124106

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

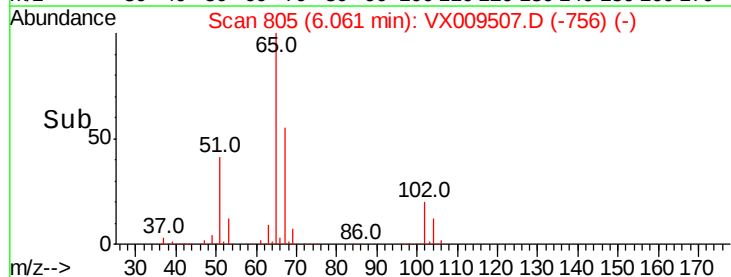
30000

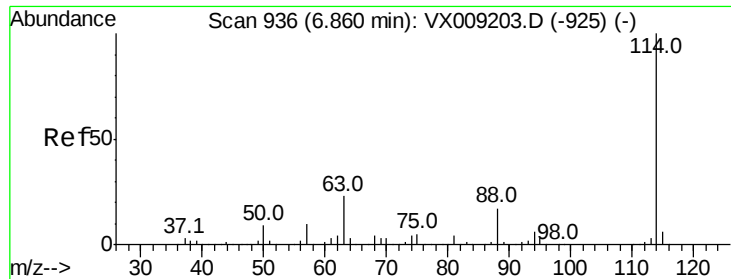
20000

10000

0

Time--> 6.00 6.10 6.20

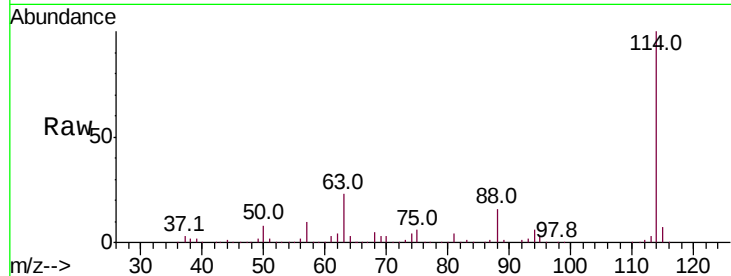




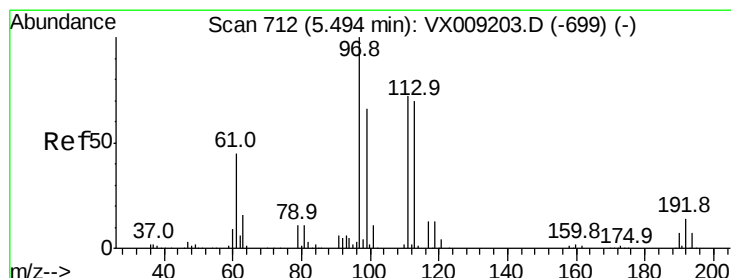
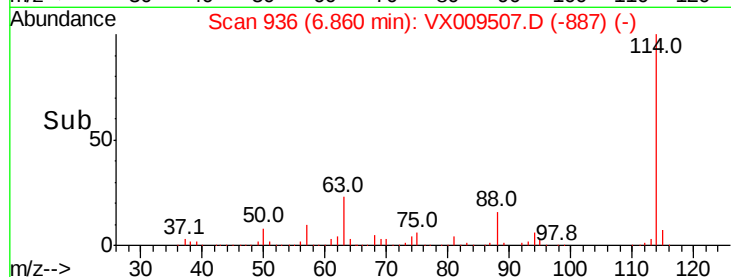
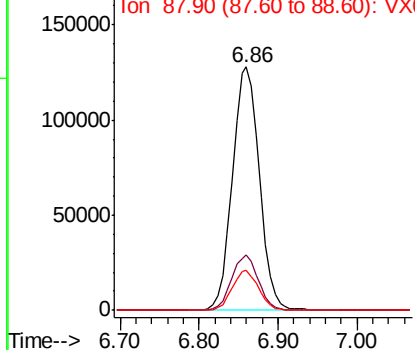
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009507.D
 Acq: 11 May 2019 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	16.3	0.0	33.2

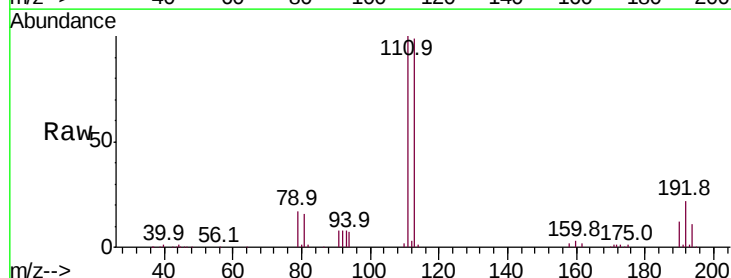


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

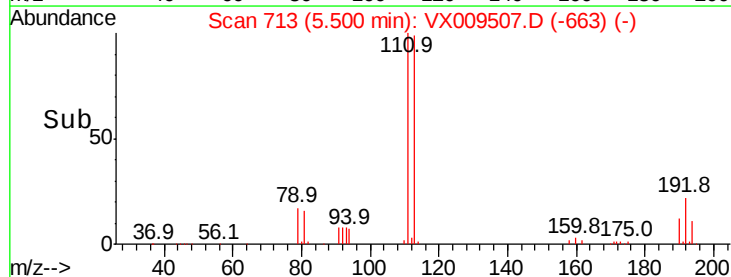
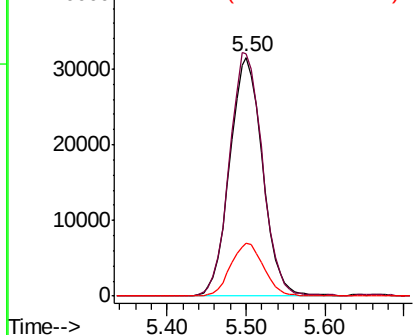


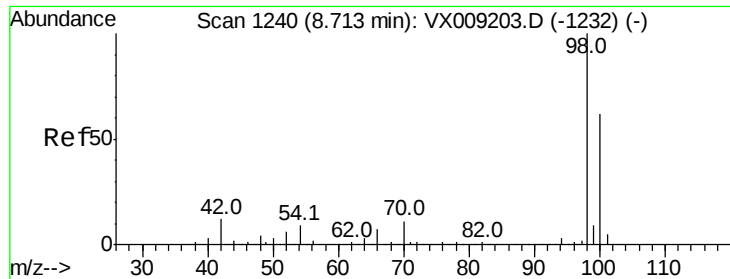
#35
 Dibromofluoromethane
 Concen: 47.943 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009507.D
 Acq: 11 May 2019 01:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	22.3	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.013 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

Instrument :

MSVOA_X

ClientSampleId :

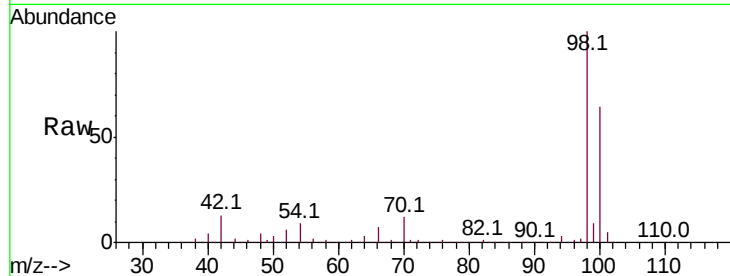
STORAGE-BLANK-SOIL-REF-6

Tot Ion: 98 Resp: 377052

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

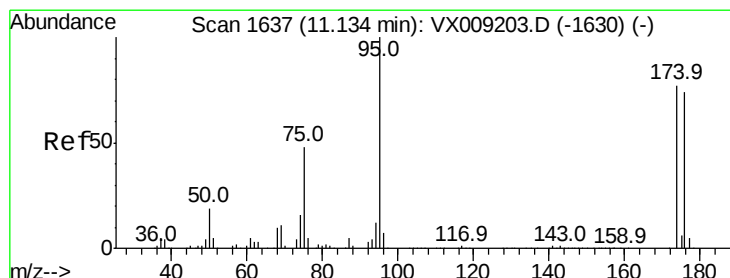
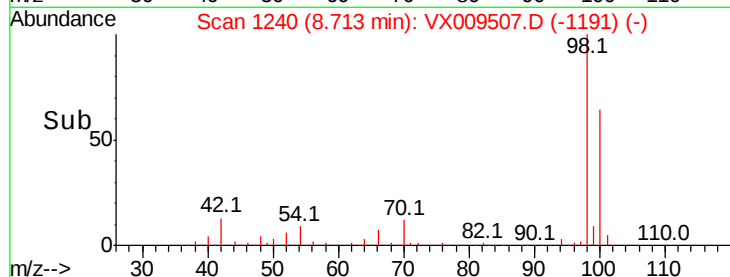
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.540 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009507.D

Acq: 11 May 2019 01:30

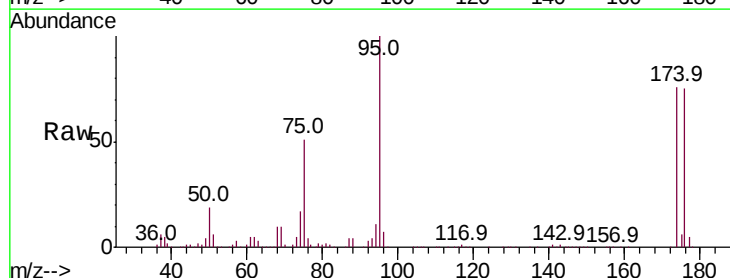
Tgt Ion: 95 Resp: 124503

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

176 79.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

50000

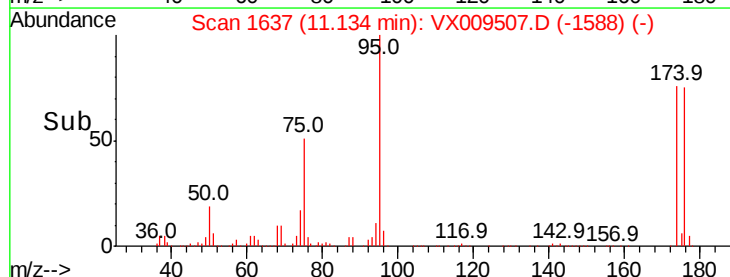
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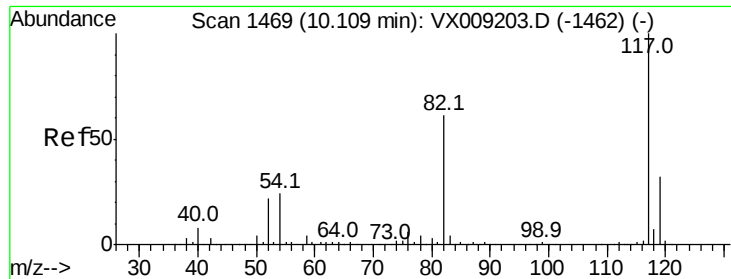
11.10

11.13

11.20

Time-->

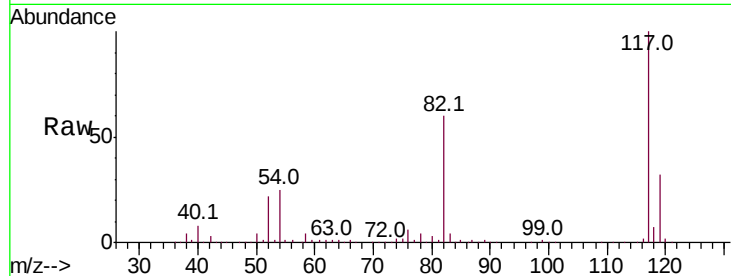




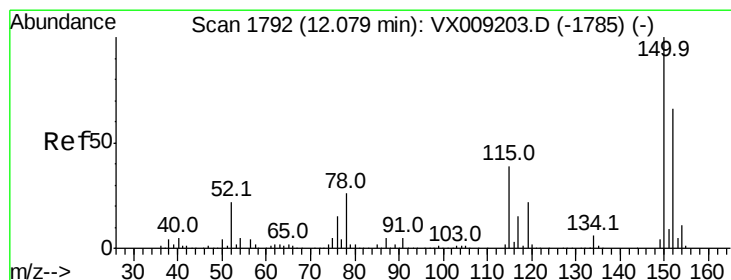
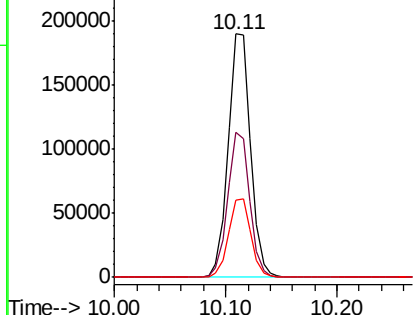
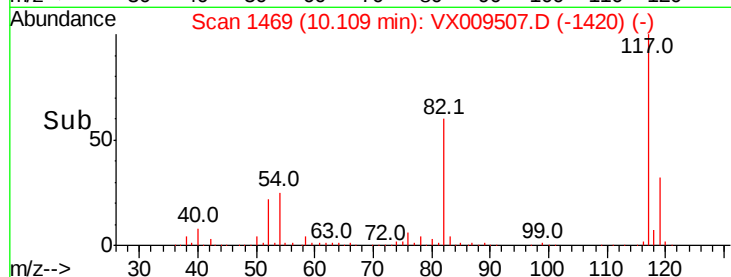
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX009507.D
 Acq: 11 May 2019 01:30

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Tot Ion:117 Resp: 263835
 Ion Ratio Lower Upper
 117 100
 82 59.8 48.8 73.2
 119 31.9 25.8 38.6

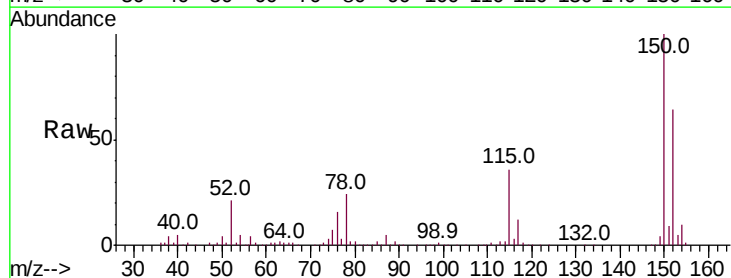


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VX
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009507.D
 Acq: 11 May 2019 01:30

Tgt Ion:152 Resp: 113142
 Ion Ratio Lower Upper
 152 100
 115 58.4 41.2 123.6
 150 157.0 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

