

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050619\
 Data File : VX009344.D
 Acq On : 06 May 2019 12:44
 Operator : JC/SP
 Sample : K2685-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: May 07 09:50:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 04 07:18:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115857	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	130021	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
35) Dibromofluoromethane	5.50	113	98205	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	400788	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	129870	43.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.66%	

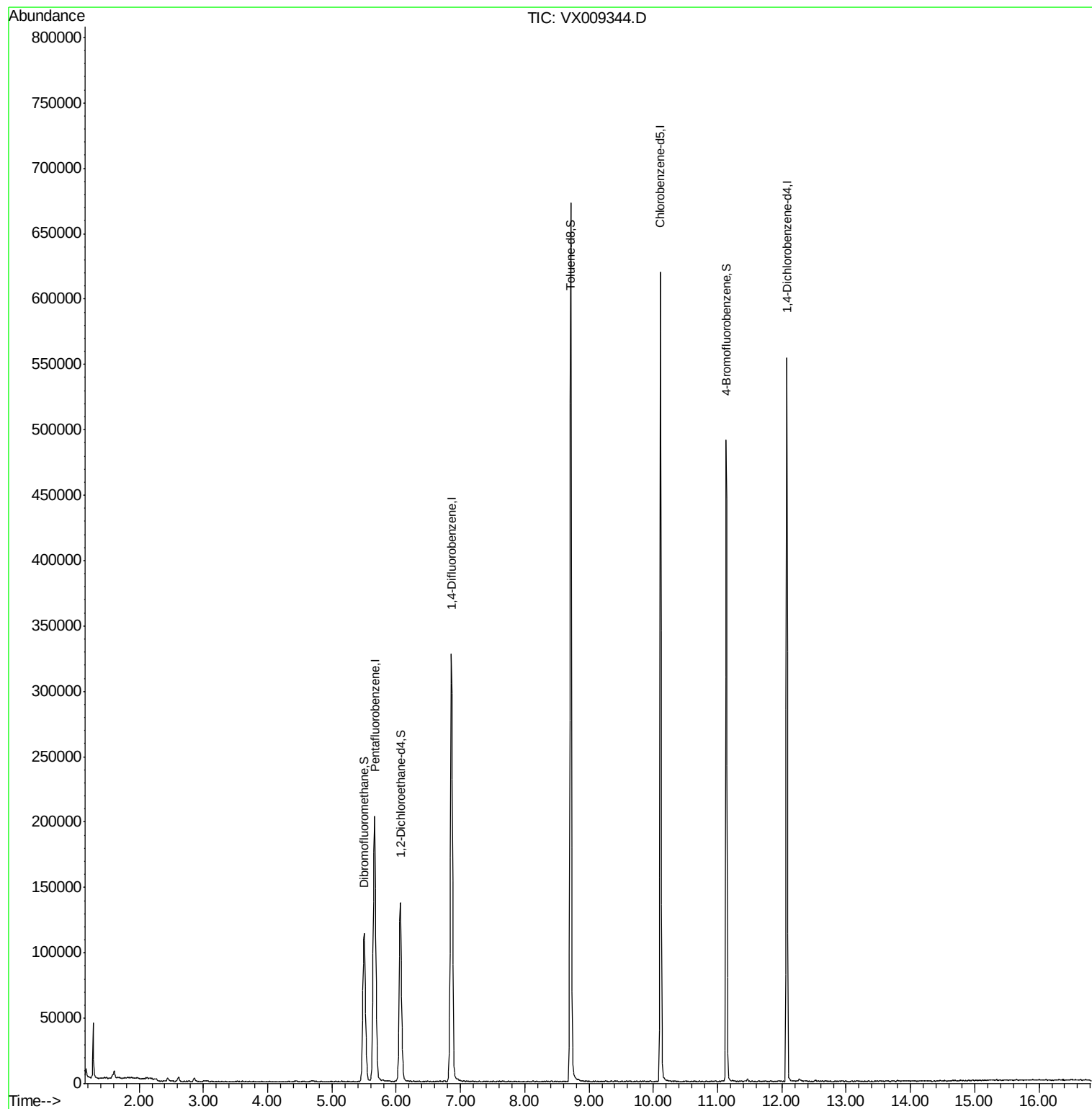
Target Compounds	Qvalue
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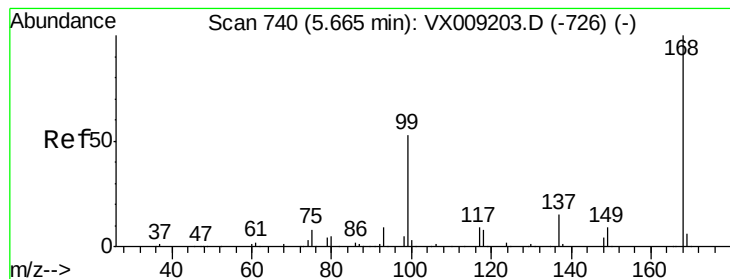
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009344.D

Acq: 06 May 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

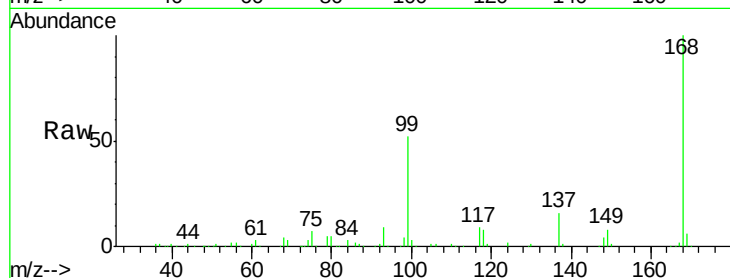
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 201280

Ion Ratio Lower Upper

168 100

99 52.3 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

80000

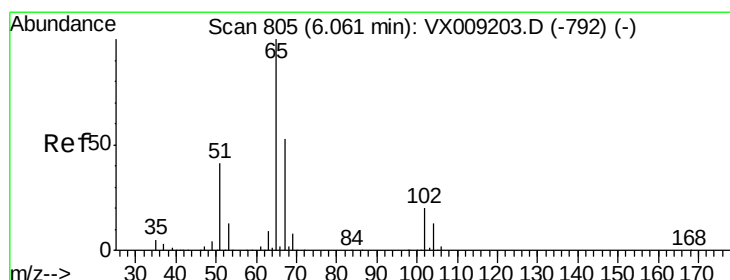
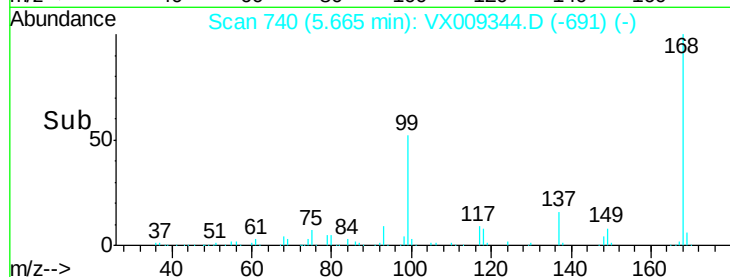
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 47.320 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009344.D

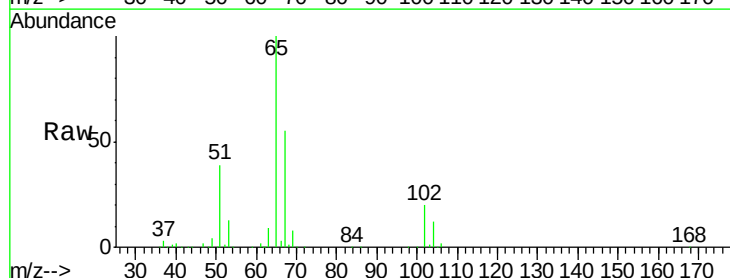
Acq: 06 May 2019 12:44

Tgt Ion: 65 Resp: 130021

Ion Ratio Lower Upper

65 100

67 54.5 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

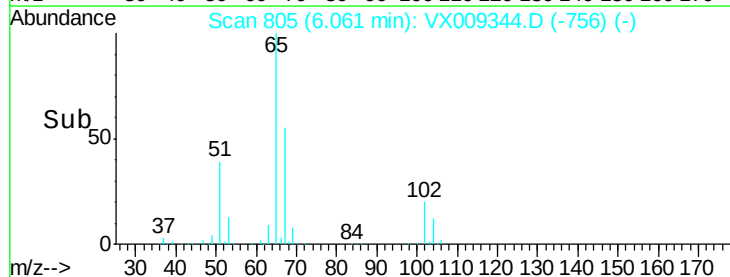
30000

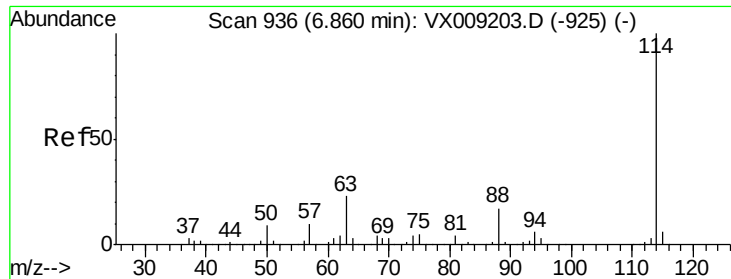
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

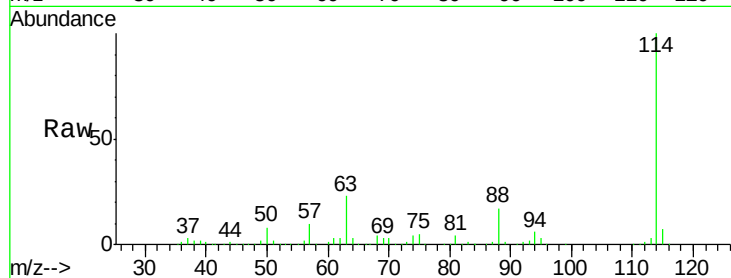




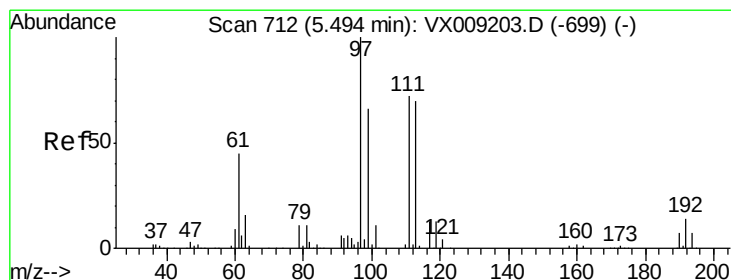
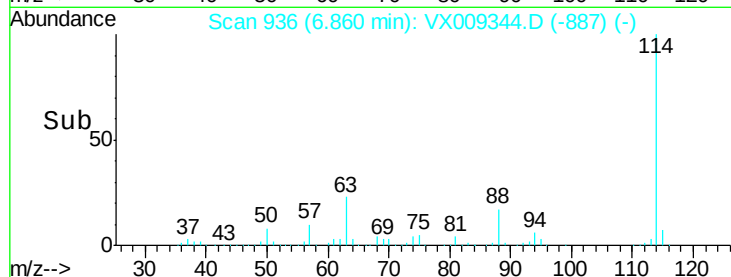
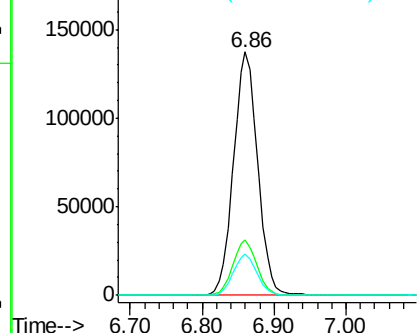
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009344.D
 Acq: 06 May 2019 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	17.0	0.0	33.2

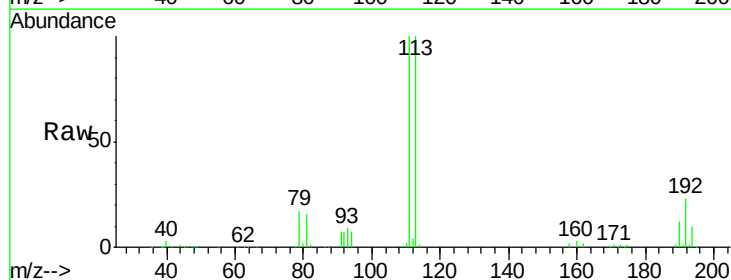


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

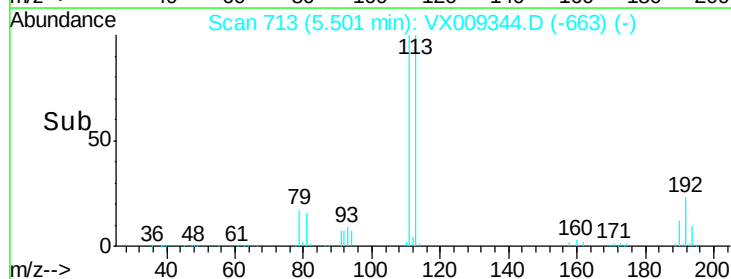
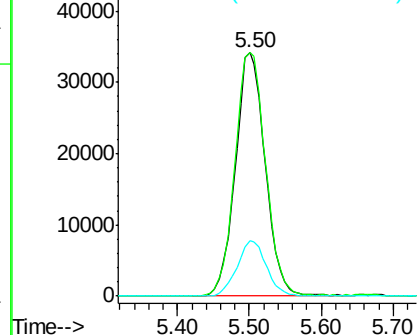


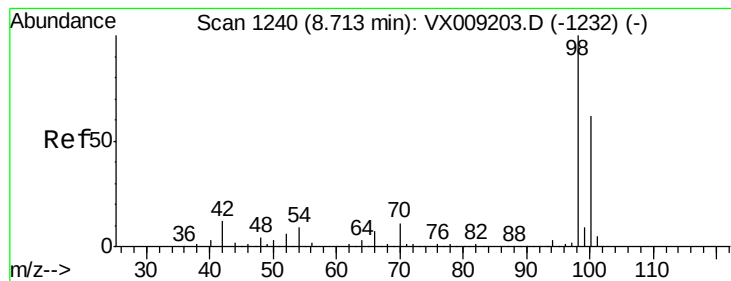
#35
 Dibromofluoromethane
 Concen: 48.625 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009344.D
 Acq: 06 May 2019 12:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	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: 49.154 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009344.D

Acq: 06 May 2019 12:44

Instrument :

MSVOA_X

ClientSampleId :

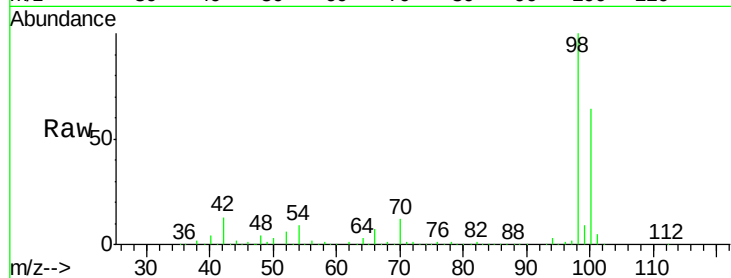
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 400788

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

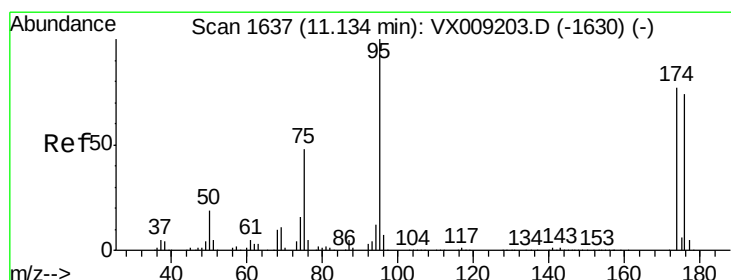
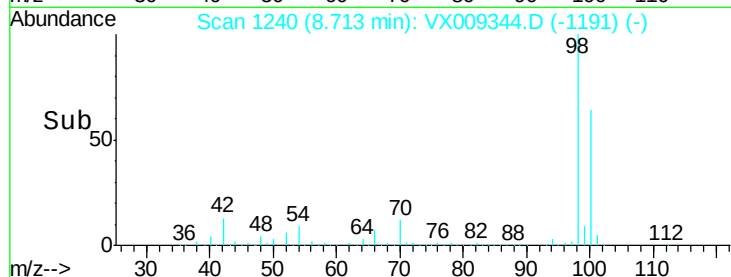
100000

50000

0

8.60 8.70 8.80 8.90 9.00

Time-->



#62

4-Bromofluorobenzene

Concen: 43.834 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009344.D

Acq: 06 May 2019 12:44

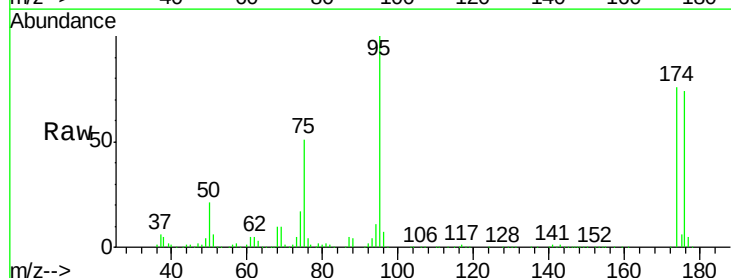
Tgt Ion: 95 Resp: 129870

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

176 79.5 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

11.13

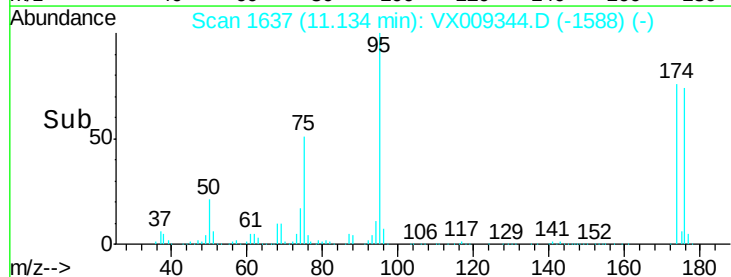
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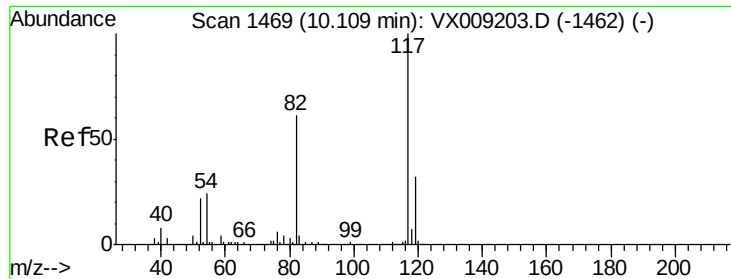
50000

0

11.10 11.20

Time-->

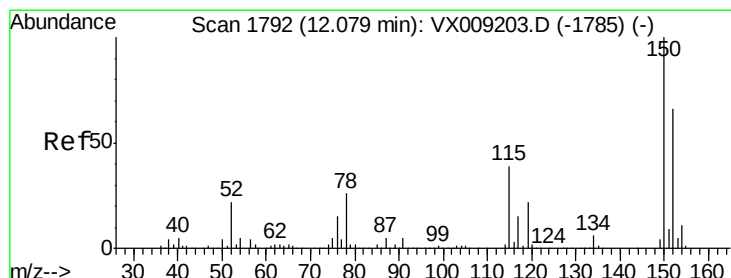
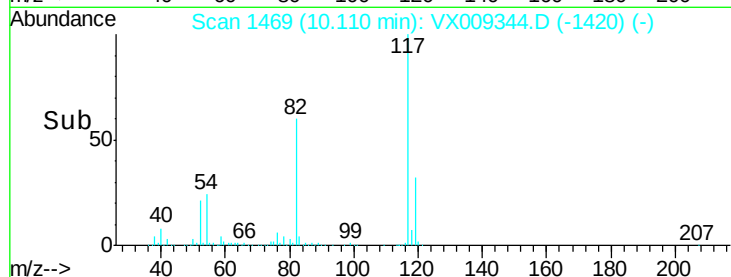
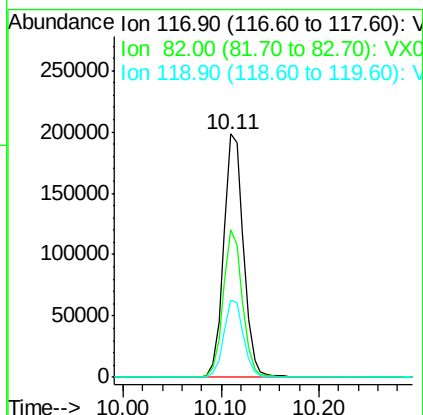
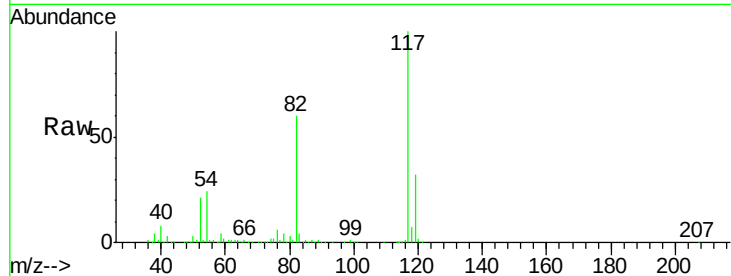




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009344.D
Acq: 06 May 2019 12:44

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 277945
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009344.D
Acq: 06 May 2019 12:44

Tgt Ion:152 Resp: 115857
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 155.3 0.0 346.4

