

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX042919\
 Data File : VX009219.D
 Acq On : 29 Apr 2019 19:52
 Operator : JC/SP
 Sample : K2594-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW351-190425

Quant Time: May 03 01:25:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124505	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	138764	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	102964	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
50) Toluene-d8	8.71	98	421247	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	139950	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	

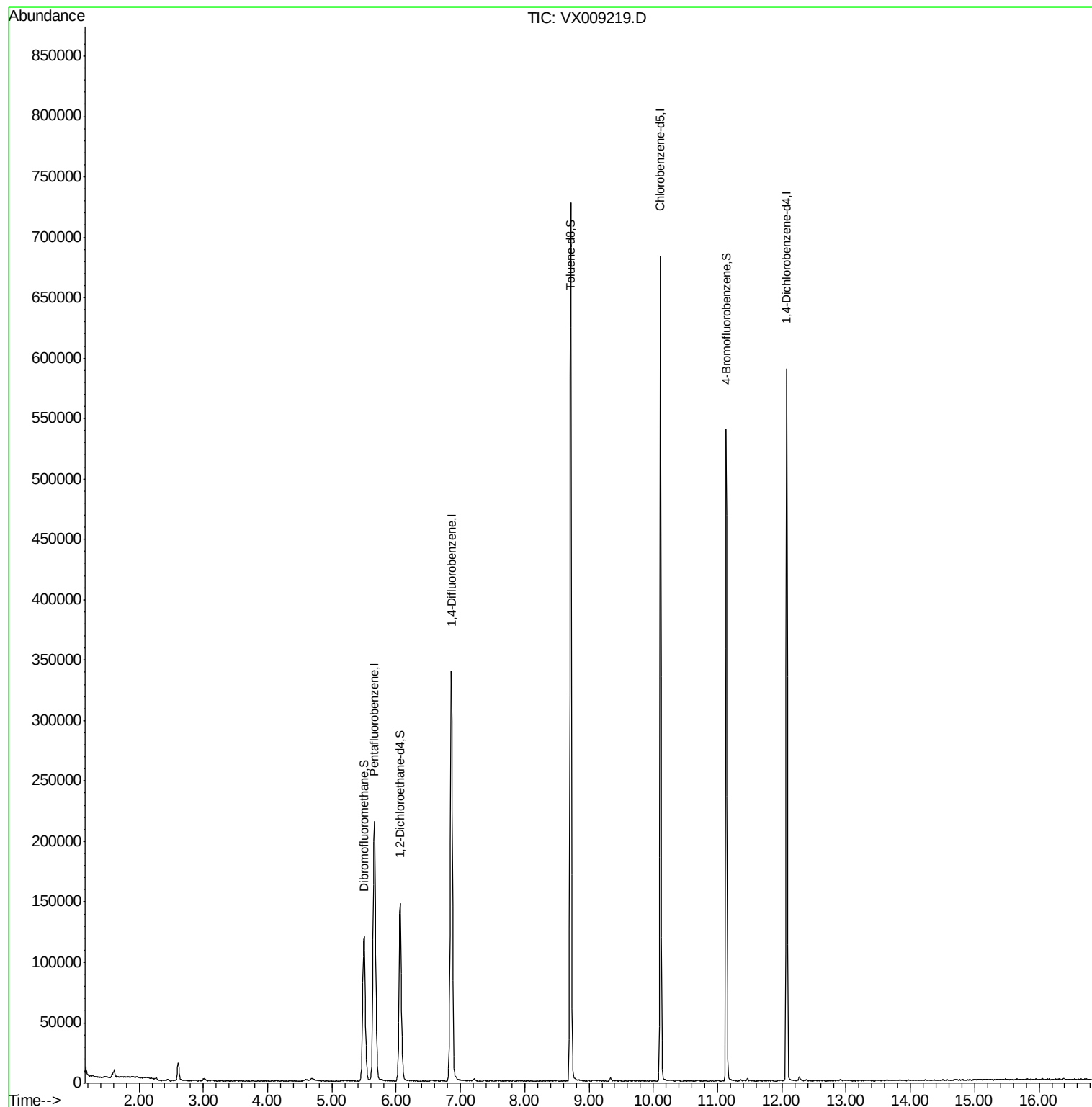
Target Compounds	Qvalue
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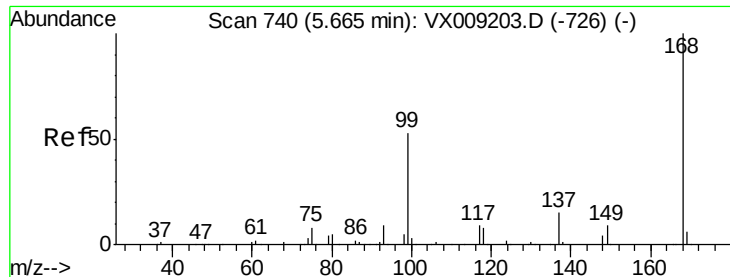
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009219.D

Acq: 29 Apr 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

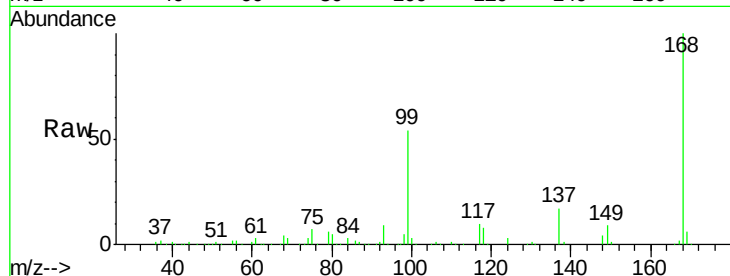
WP021MW351-190425

Tot Ion:168 Resp: 210199

Ion Ratio Lower Upper

168 100

99 54.2 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

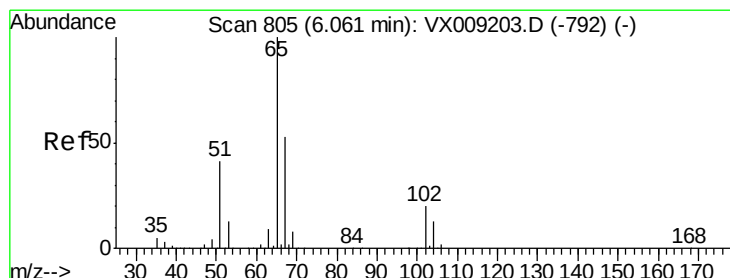
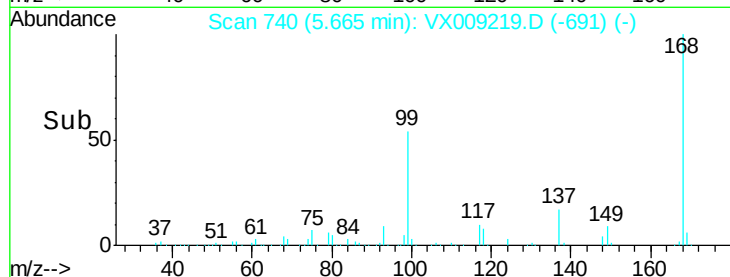
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.359 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009219.D

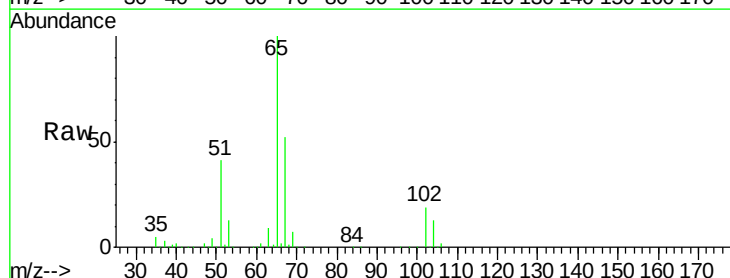
Acq: 29 Apr 2019 19:52

Tgt Ion: 65 Resp: 138764

Ion Ratio Lower Upper

65 100

67 53.7 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

60000

50000

40000

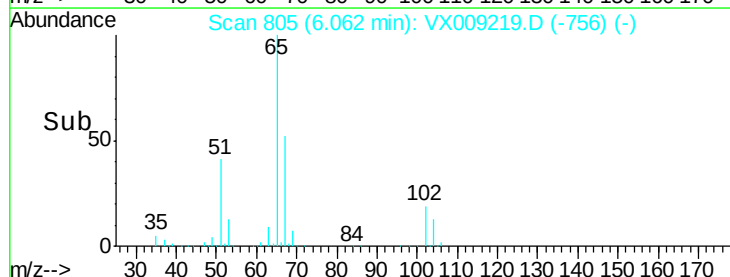
30000

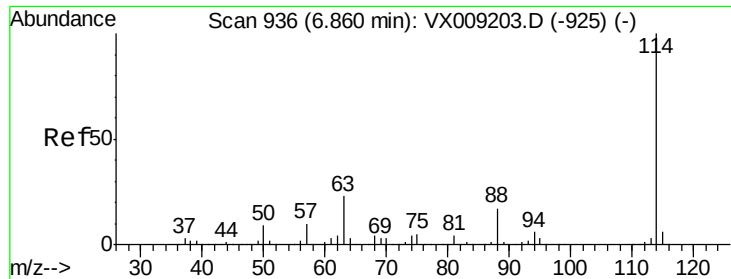
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

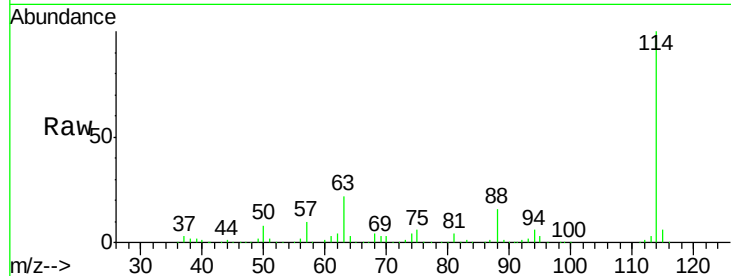




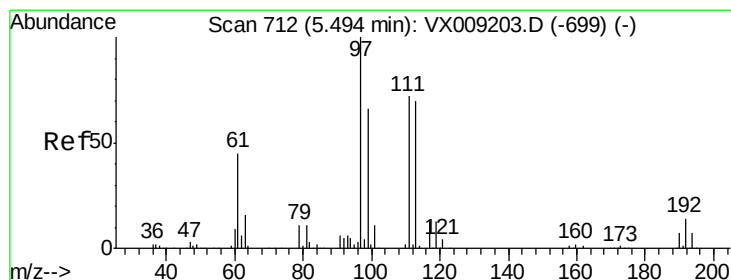
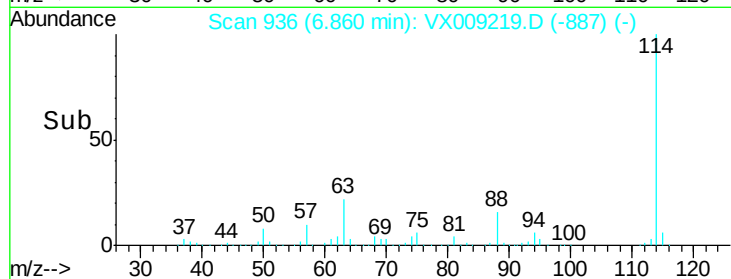
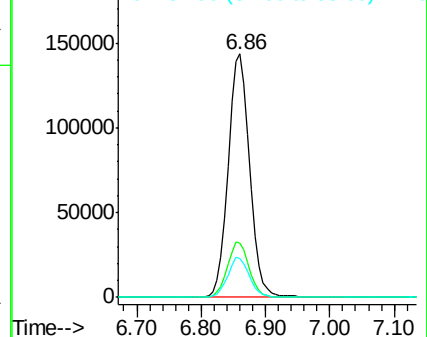
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009219.D
 Acq: 29 Apr 2019 19:52

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW351-190425

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.6
88	16.0	0.0	33.2

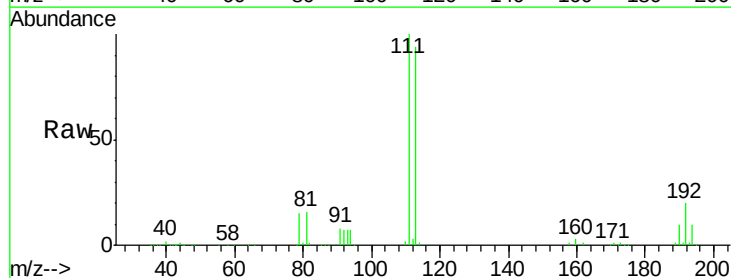


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

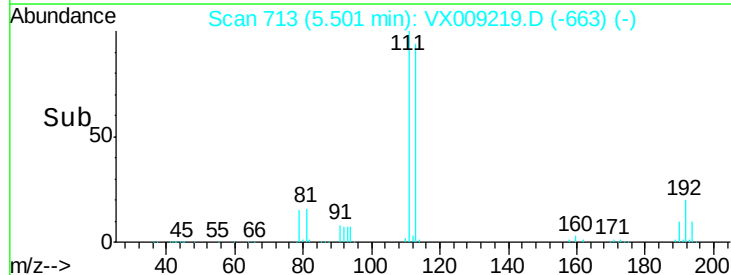
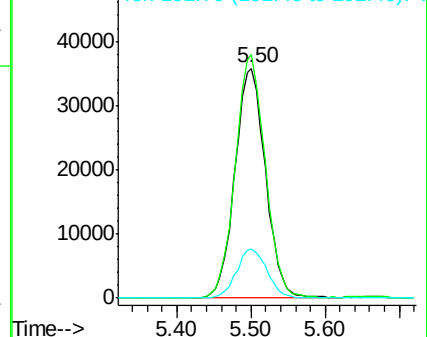


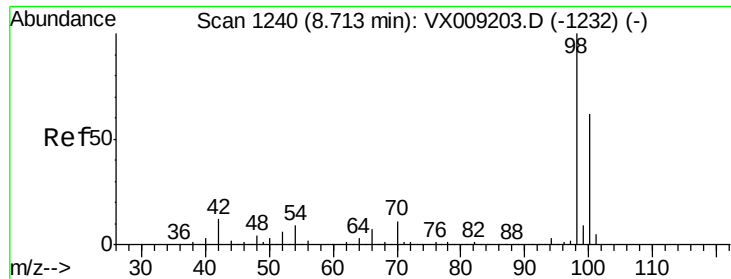
#35
 Dibromofluoromethane
 Concen: 48.291 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009219.D
 Acq: 29 Apr 2019 19:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	21.4	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: 48.936 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009219.D

Acq: 29 Apr 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

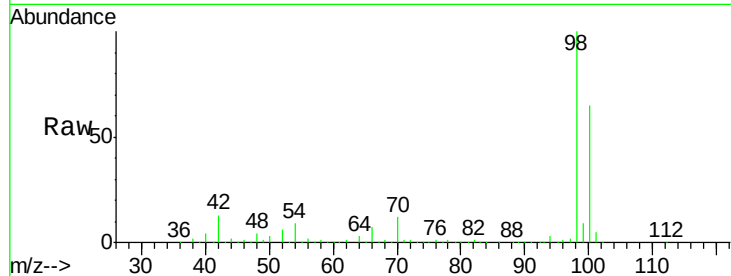
WP021MW351-190425

Tot Ion: 98 Resp: 421247

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

150000

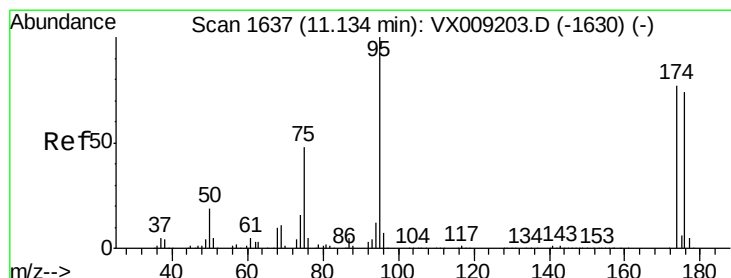
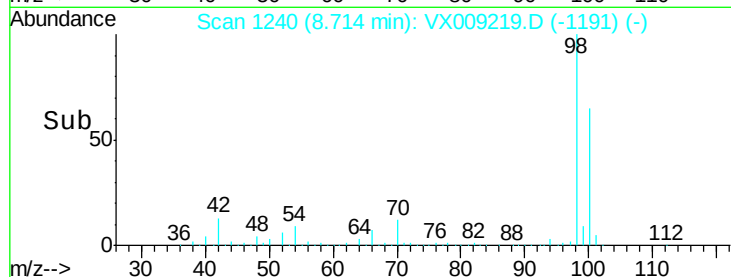
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.743 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009219.D

Acq: 29 Apr 2019 19:52

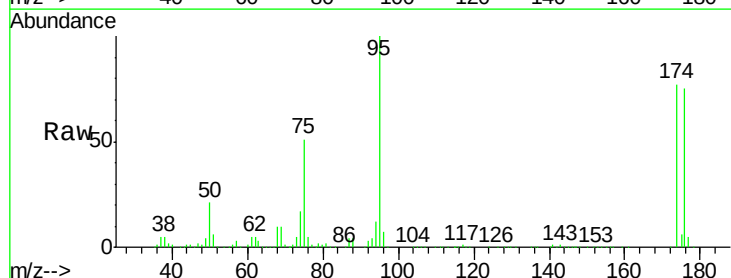
Tgt Ion: 95 Resp: 139950

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

176 78.7 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

150000

11.13

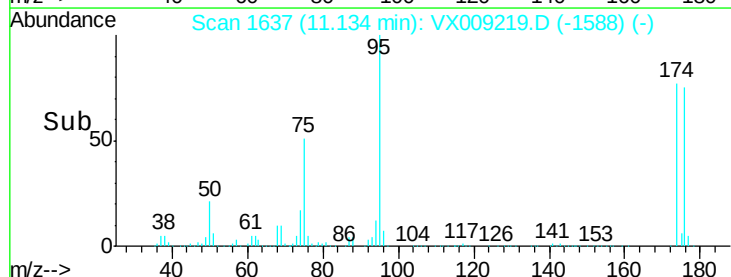
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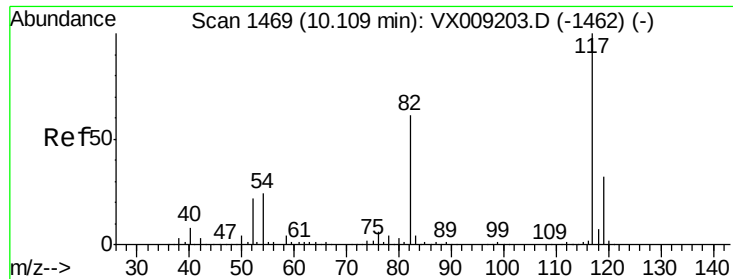
50000

0

11.10 11.20

Time-->

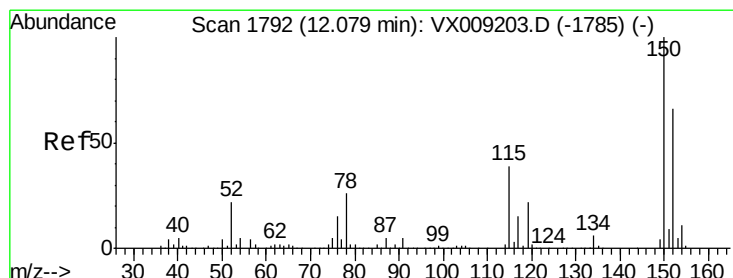
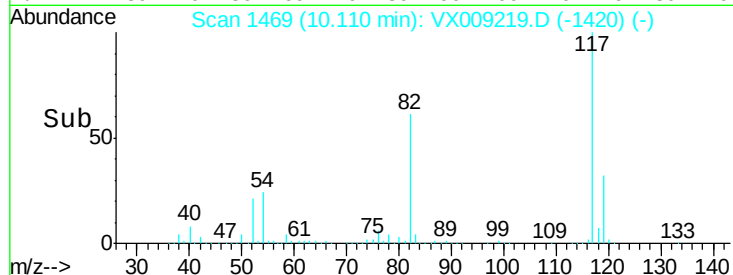
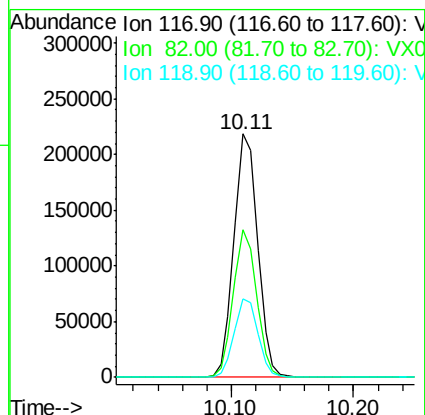
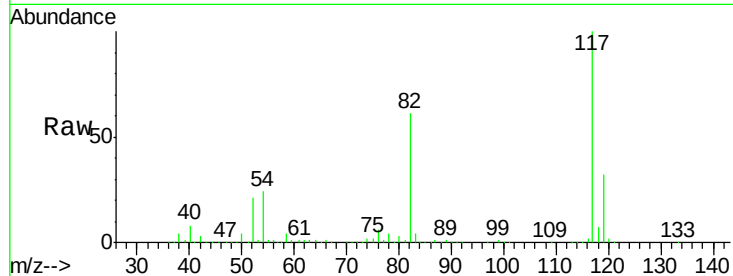




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009219.D
Acq: 29 Apr 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
WP021MW351-190425

Tot Ion:117 Resp: 293805
Ion Ratio Lower Upper
117 100
82 60.8 48.8 73.2
119 32.0 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: VX009219.D
Acq: 29 Apr 2019 19:52

Tgt Ion:152 Resp: 124505
Ion Ratio Lower Upper
152 100
115 58.6 41.2 123.6
150 156.7 0.0 346.4

