

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005818.D
 Acq On : 06 Nov 2018 19:18
 Operator : JC/MD
 Sample : J5827-40
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-D

Quant Time: Nov 07 09:36:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

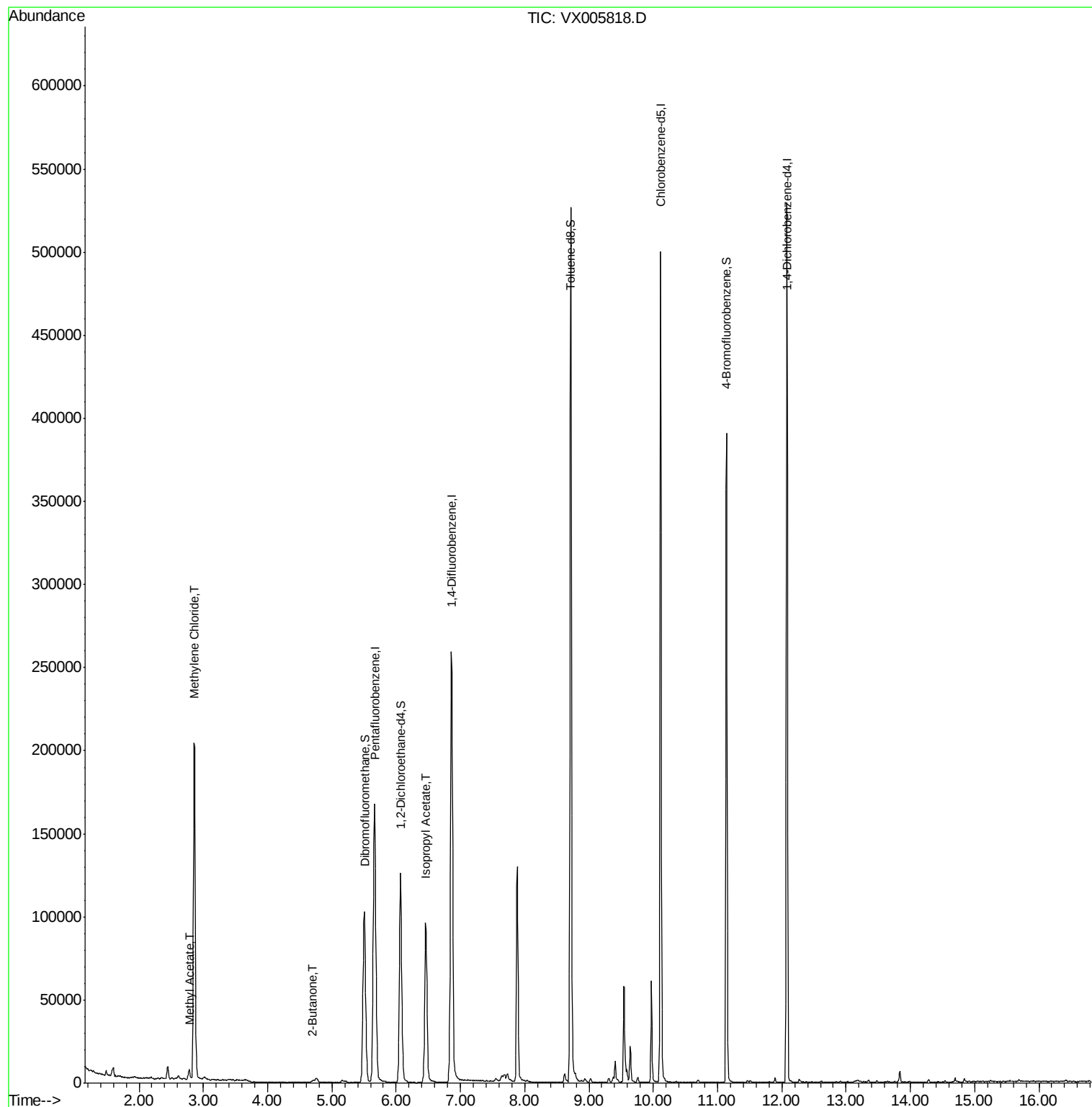
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	158841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	231679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	118956	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	5.50	113	90152	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
50) Toluene-d8	8.71	98	324176	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	11.14	95	100742	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.84%	
Target Compounds						
18) Methyl Acetate	2.78	43	7376	2.213	ug/l	93
20) Methylene Chloride	2.86	84	95185	47.531	ug/l	92
25) 2-Butanone	4.71	43	1951	0.996	ug/l	95
43) Isopropyl Acetate	6.46	43	122358	24.236	ug/l	95

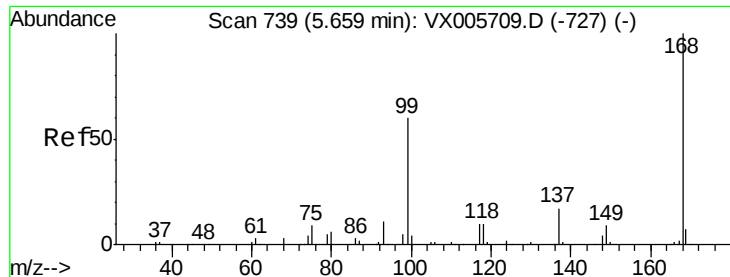
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

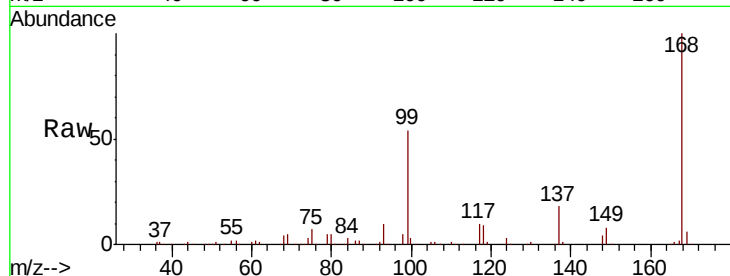
SP-D

Tot Ion:168 Resp: 158841

Ion Ratio Lower Upper

168 100

99 53.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

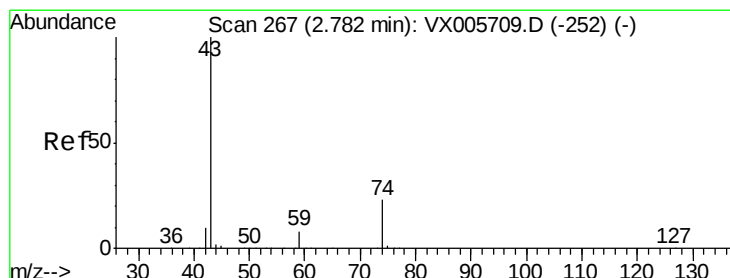
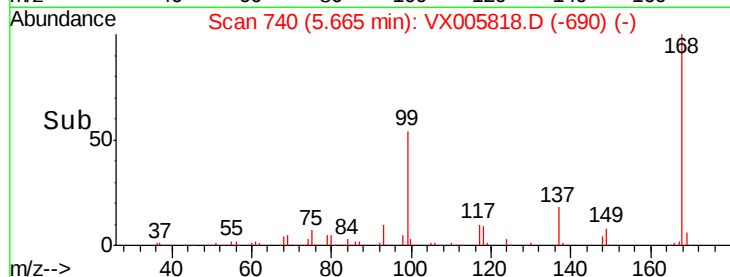
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 2.213 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005818.D

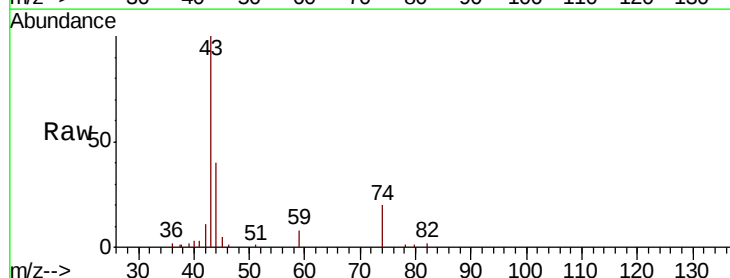
Acq: 06 Nov 2018 19:18

Tgt Ion: 43 Resp: 7376

Ion Ratio Lower Upper

43 100

74 24.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

5000

4000

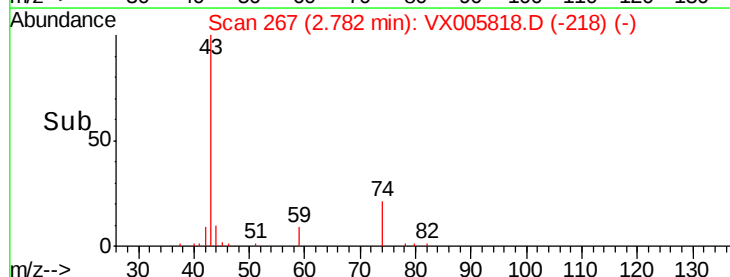
3000

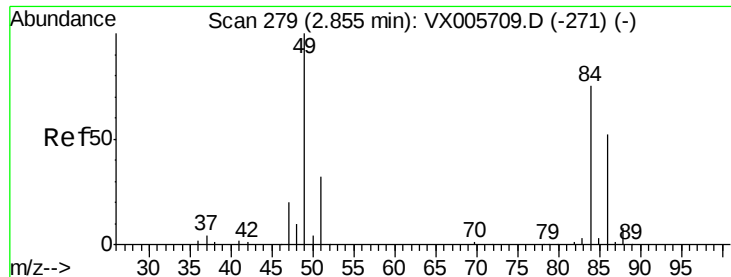
2000

1000

0

Time--> 2.70 2.75 2.80 2.85

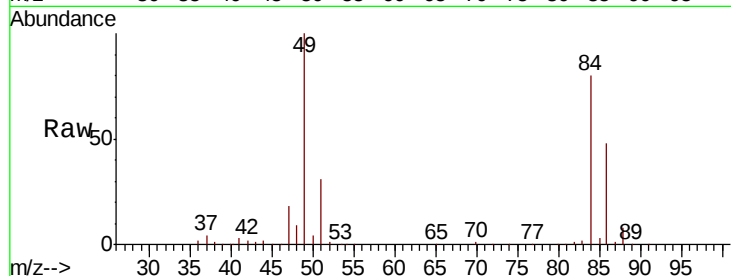




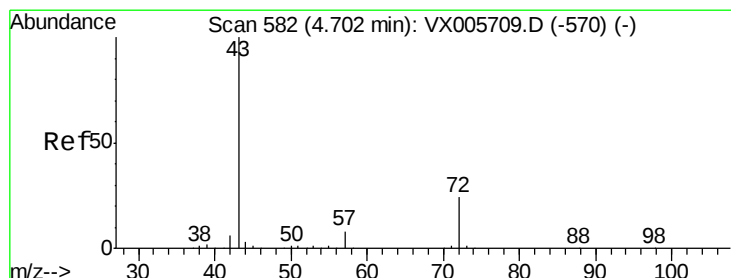
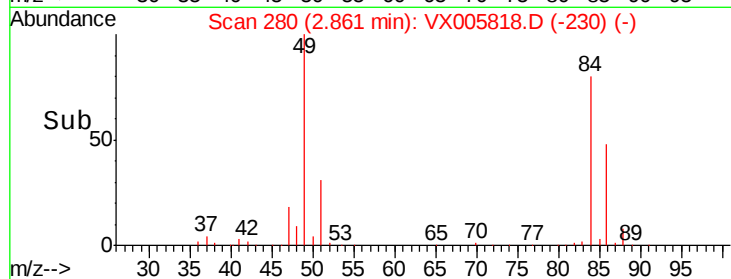
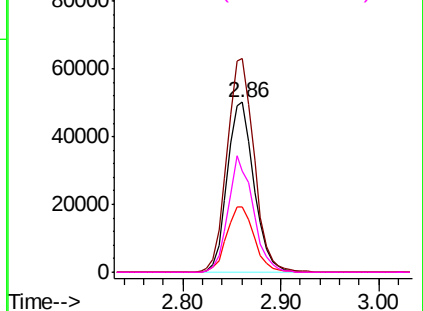
#20
Methvlene Chloride
Concen: 47.531 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005818.D
Acq: 06 Nov 2018 19:18

Instrument :
MSVOA_X
ClientSampleId :
SP-D

Tot Ion:	84	Resp:	95185
Ion	Ratio	Lower	Upper
84	100		
49	125.5	109.5	164.3
51	38.4	33.3	49.9
86	59.6	52.7	79.1

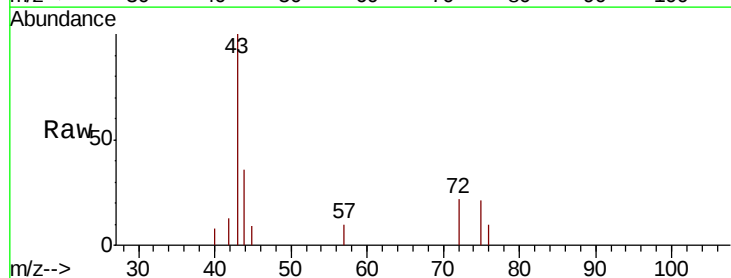


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

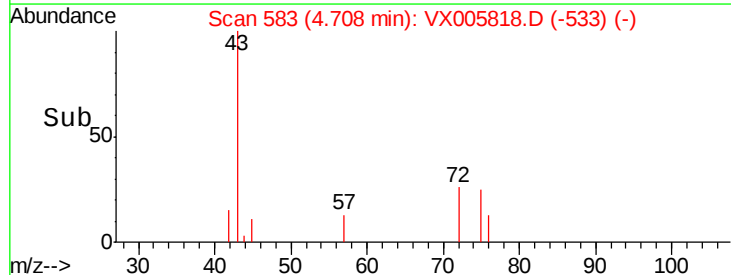
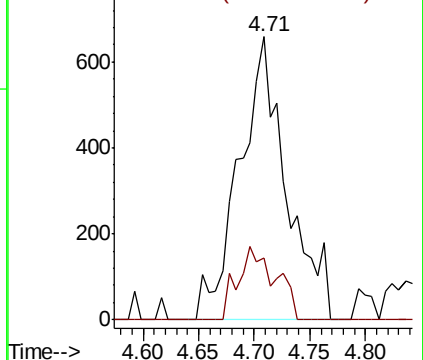


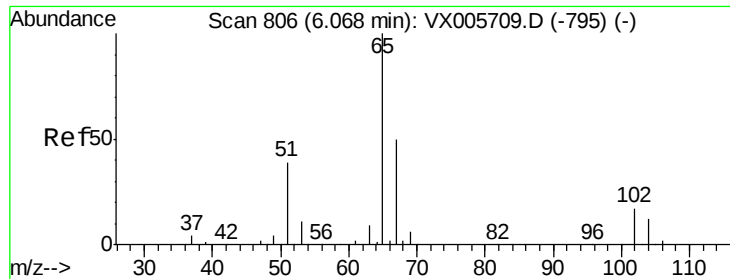
#25
2-Butanone
Concen: 0.996 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005818.D
Acq: 06 Nov 2018 19:18

Tgt Ion:	43	Resp:	1951
Ion	Ratio	Lower	Upper
43	100		
72	21.7	19.2	28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.224 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

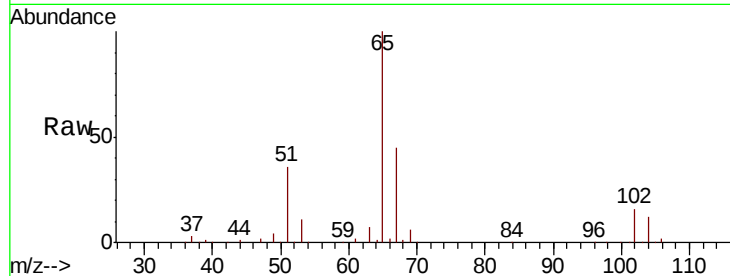
SP-D

Tot Ion: 65 Resp: 118956

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

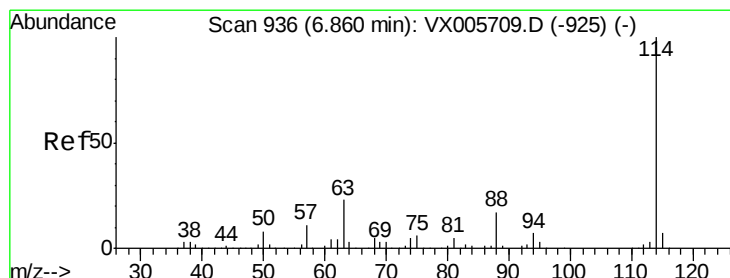
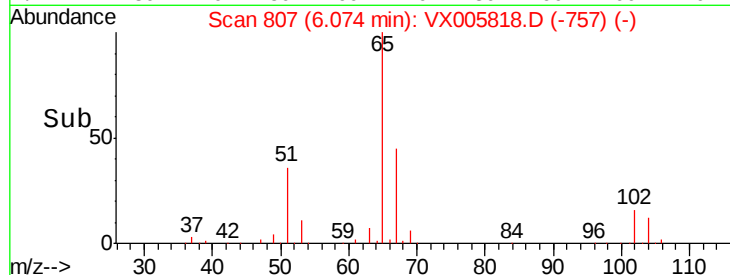
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

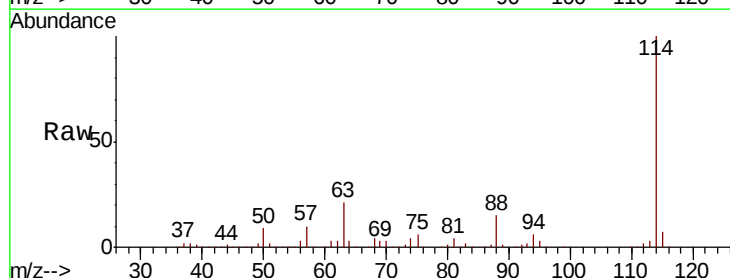
Tgt Ion: 114 Resp: 255901

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.8

88 15.5 0.0 31.2



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

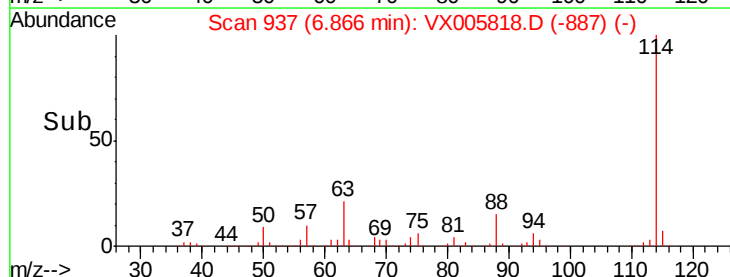
6.87

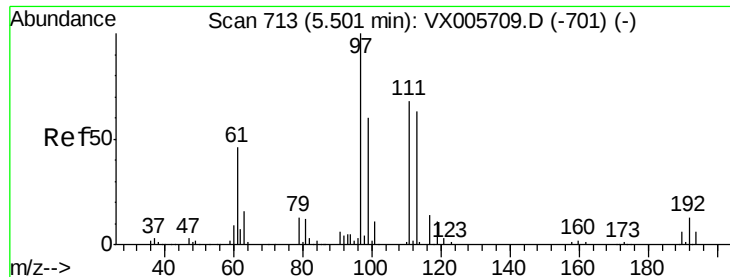
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.879 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

SP-D

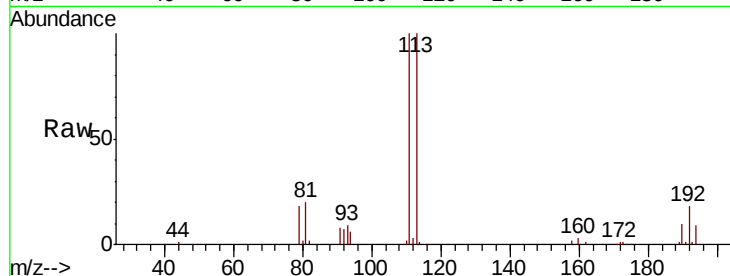
Tot Ion:113 Resp: 90152

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

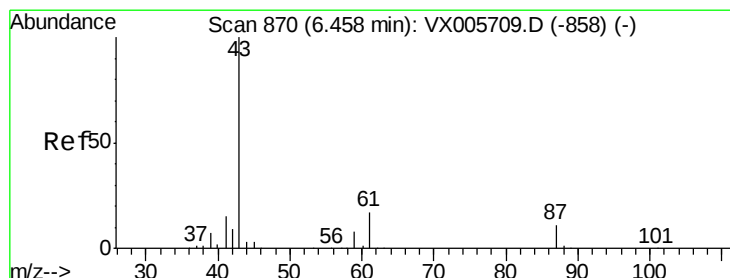
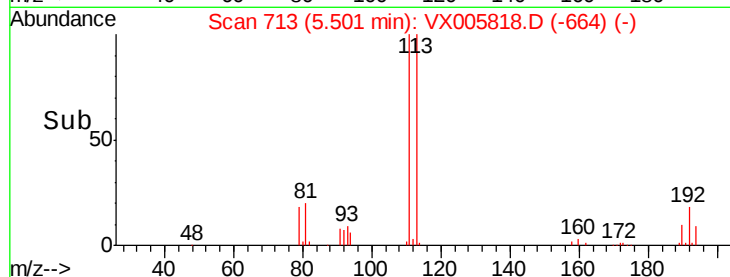
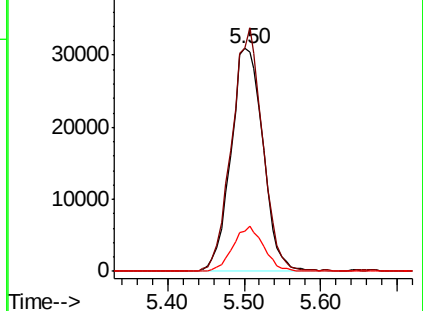
192 19.4 17.9 26.9



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



#43

Isopropyl Acetate

Concen: 24.236 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

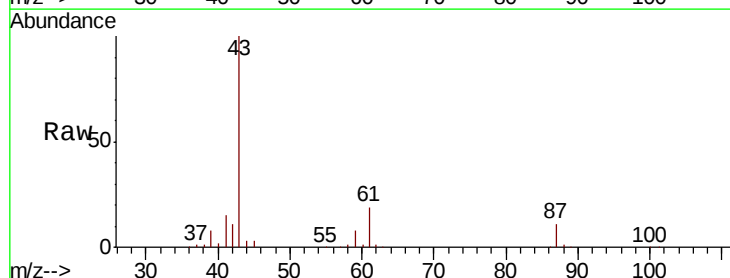
Tgt Ion: 43 Resp: 122358

Ion Ratio Lower Upper

43 100

61 20.7 14.6 22.0

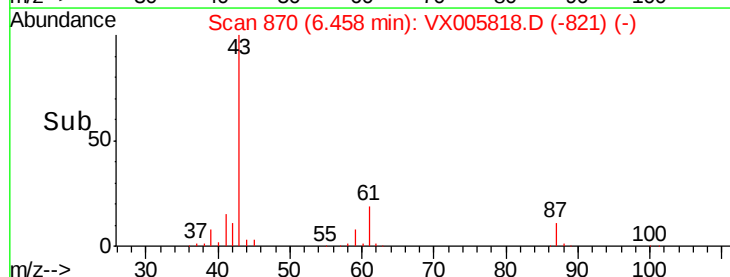
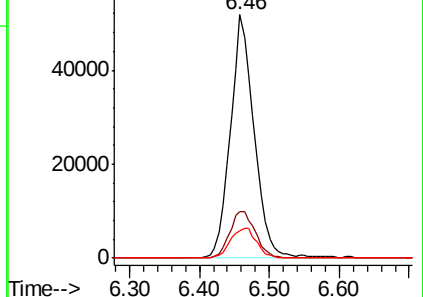
87 13.5 9.6 14.4

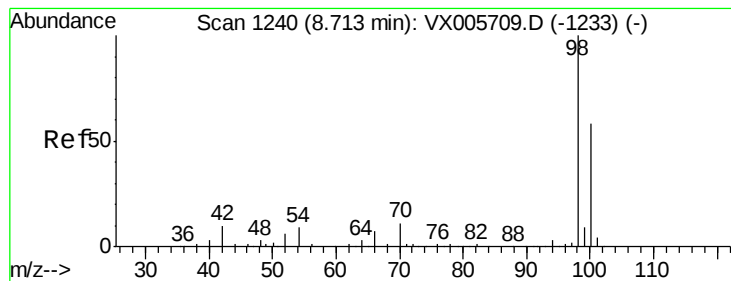


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.164 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

Instrument :

MSVOA_X

ClientSampleId :

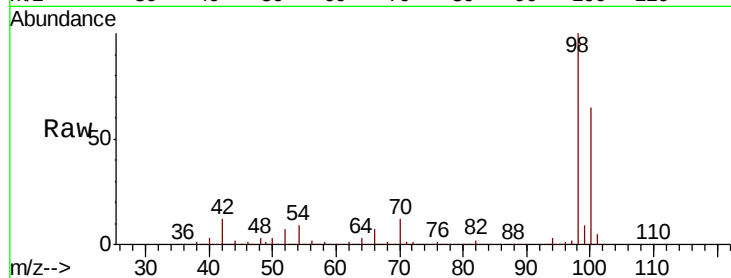
SP-D

Tot Ion: 98 Resp: 324176

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

200000

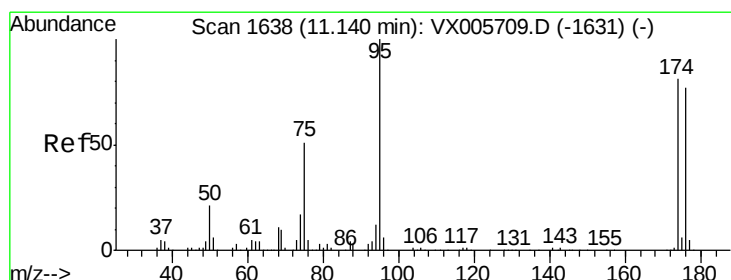
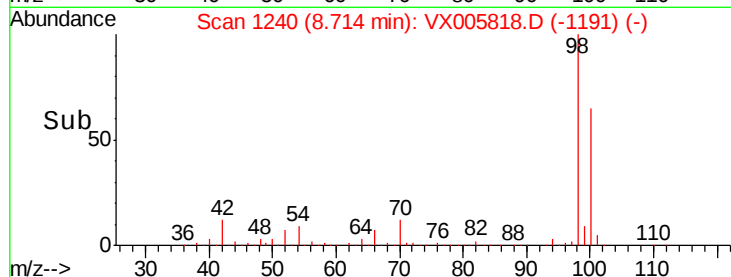
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.923 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005818.D

Acq: 06 Nov 2018 19:18

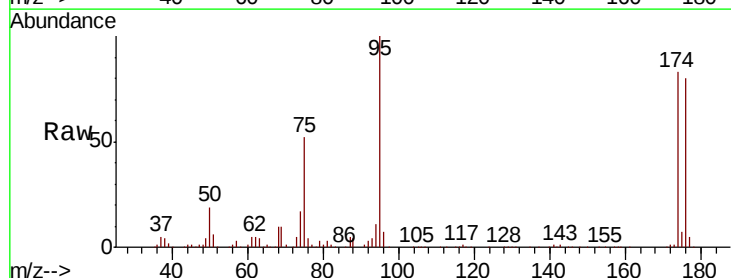
Tgt Ion: 95 Resp: 100742

Ion Ratio Lower Upper

95 100

174 80.8 0.0 184.4

176 77.6 0.0 177.4



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

11.14

100000

80000

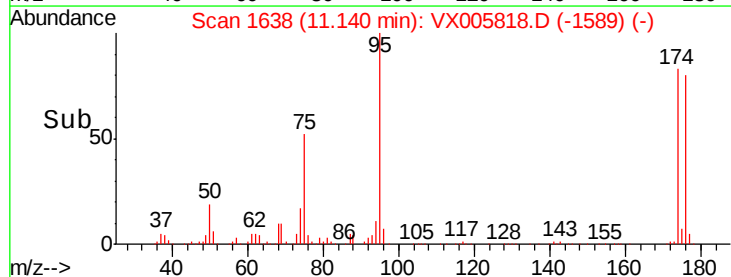
60000

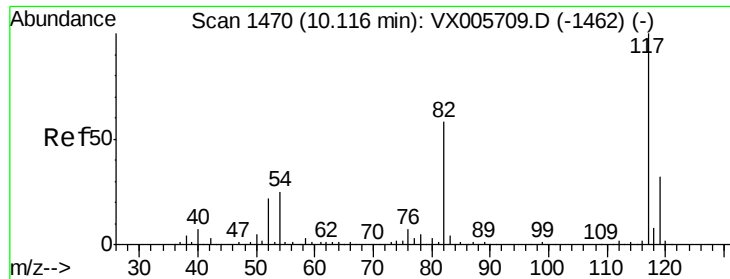
40000

20000

0

Time-->

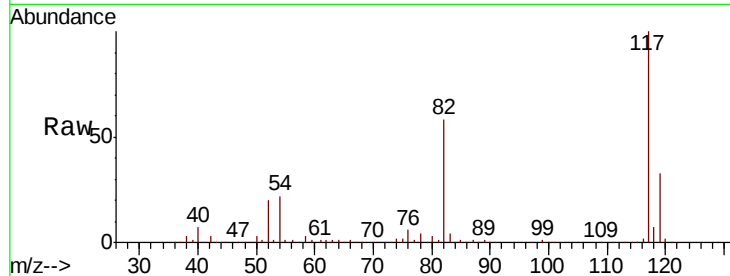




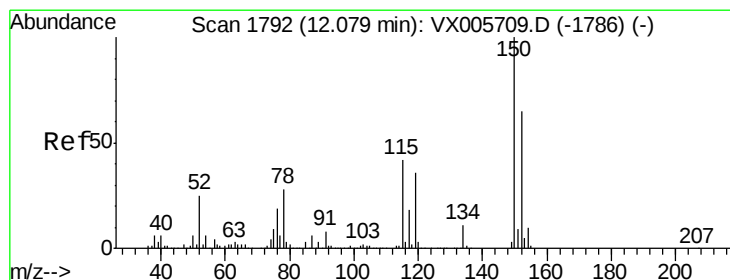
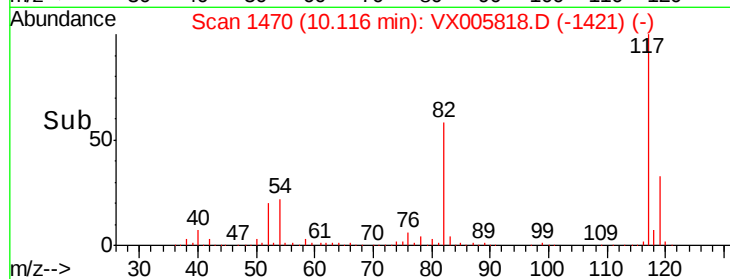
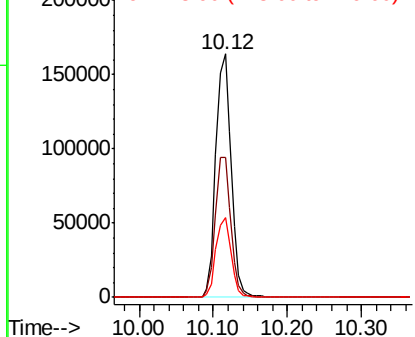
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005818.D
Acq: 06 Nov 2018 19:18

Instrument :
MSVOA_X
ClientSampled :
SP-D

Tot Ion:117 Resp: 231679
Ion Ratio Lower Upper
117 100
82 57.7 44.1 66.1
119 32.6 26.2 39.2

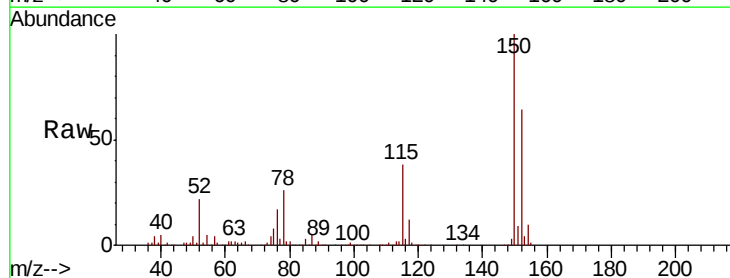


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005818.D
Acq: 06 Nov 2018 19:18

Tgt Ion:152 Resp: 101659
Ion Ratio Lower Upper
152 100
115 59.8 39.4 118.1
150 156.2 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

