

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003786.D
 Acq On : 01 Aug 2018 08:05
 Operator : JC/SP
 Sample : J4164-01
 Misc : 12.17G/5.0mL/MSVOA X/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(3-5)

Quant Time: Aug 01 08:40:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	50856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	80254	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	59335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	22264	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	25378	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.51	113	21117	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
50) Toluene-d8	8.72	98	75782	38.46	ug/l	0.00
Spiked Amount			Recovery	=	76.92%	
62) 4-Bromofluorobenzene	11.14	95	21182	29.16	ug/l	0.00
Spiked Amount			Recovery	=	58.32%	

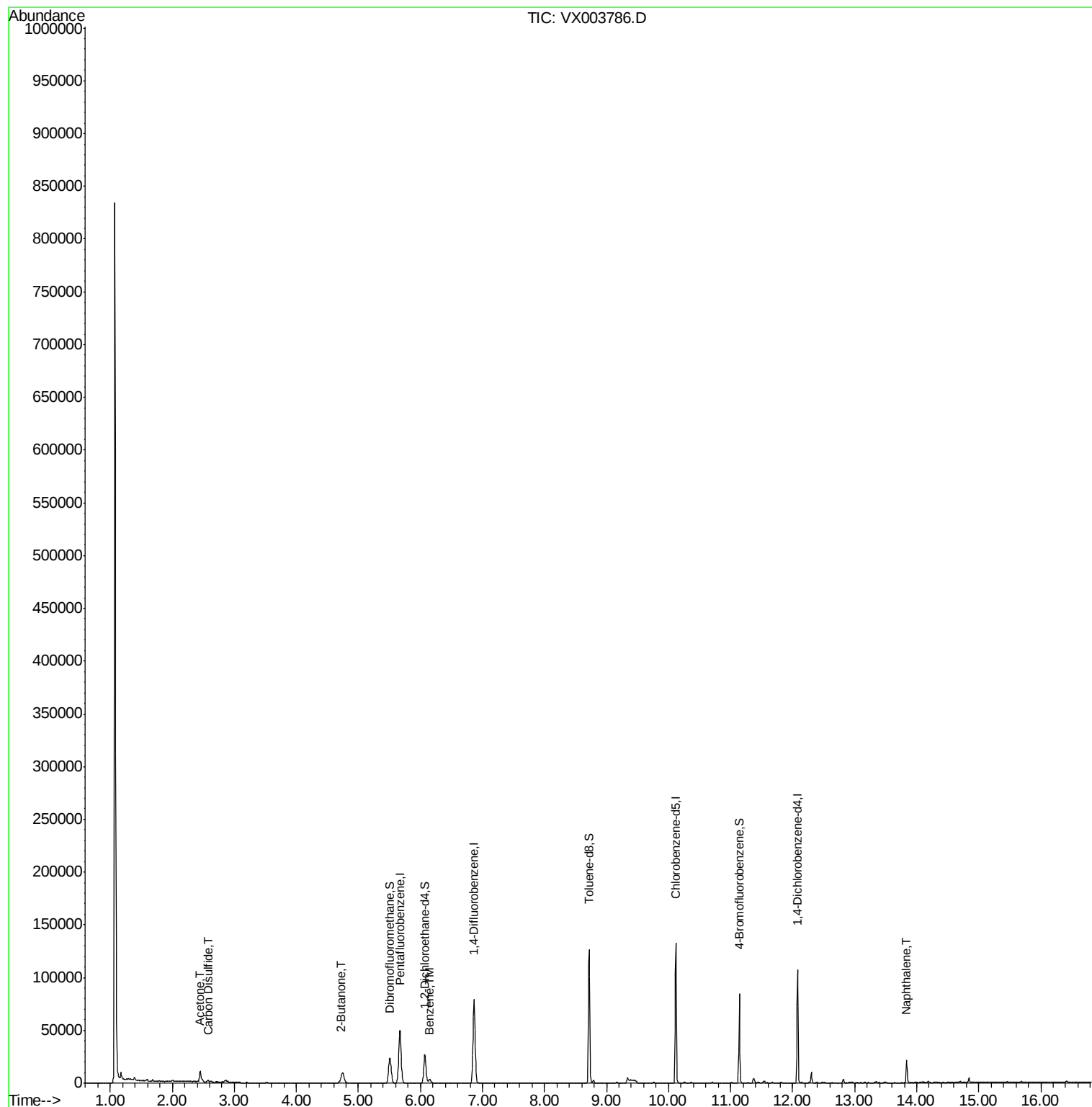
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	11059	56.29	ug/l	100
17) Carbon Disulfide	2.57	76	2508	1.70	ug/l #	93
25) 2-Butanone	4.71	43	3598	12.56	ug/l	99
40) Benzene	6.15	78	3975	1.85	ug/l	100
95) Naphthalene	13.83	128	13507	11.64	ug/l	99

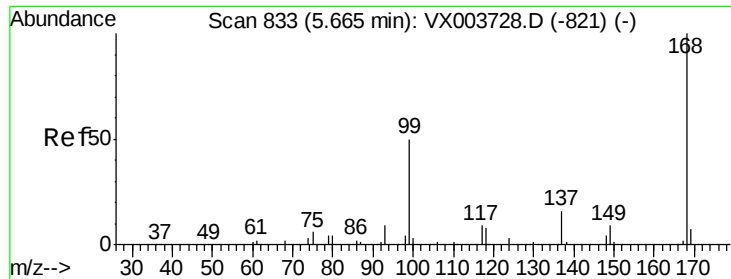
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-6(3-5)

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003786.D

Acq: 01 Aug 2018 08:05

Instrument :

MSVOA_X

ClientSampleId :

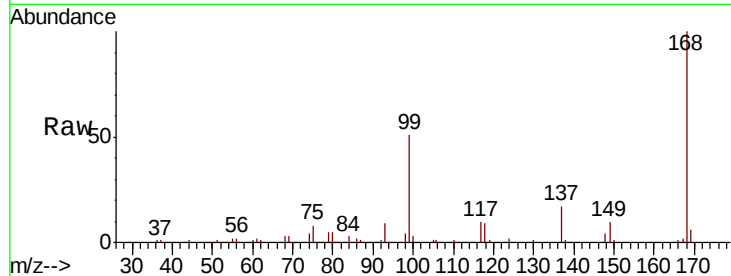
SB-6(3-5)

Tot Ion:168 Resp: 50856

Ion Ratio Lower Upper

168 100

99 51.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

20000

15000

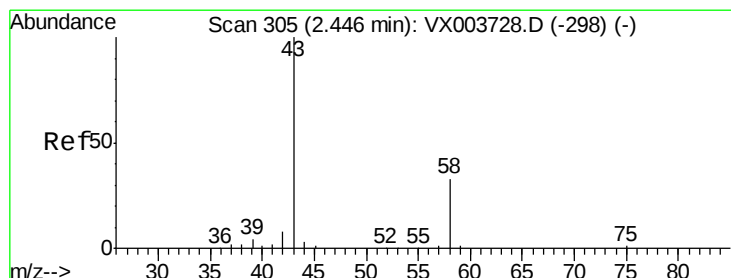
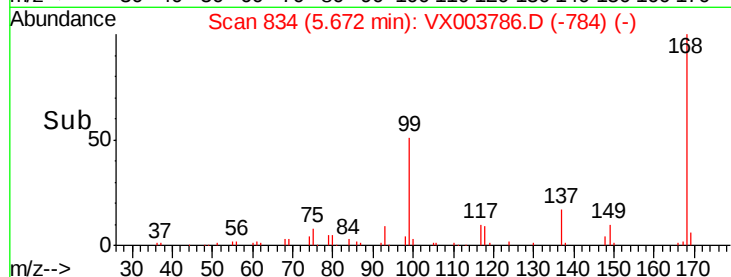
10000

5000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 56.29 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003786.D

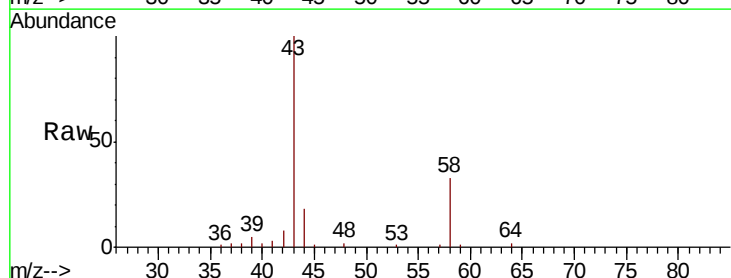
Acq: 01 Aug 2018 08:05

Tgt Ion: 43 Resp: 11059

Ion Ratio Lower Upper

43 100

58 33.4 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

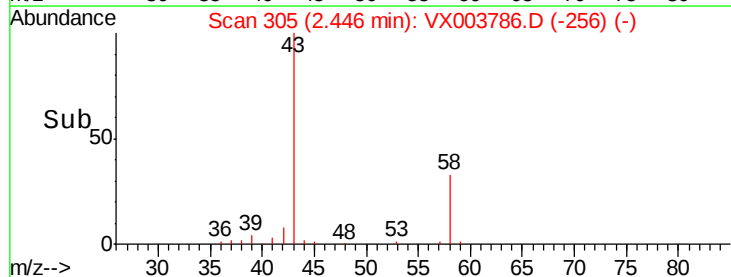
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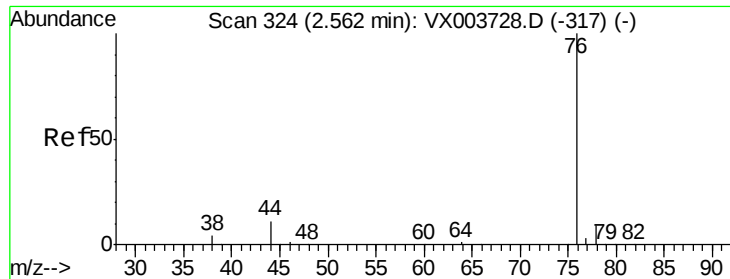
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0

Time-->

2.40 2.45 2.50 2.55

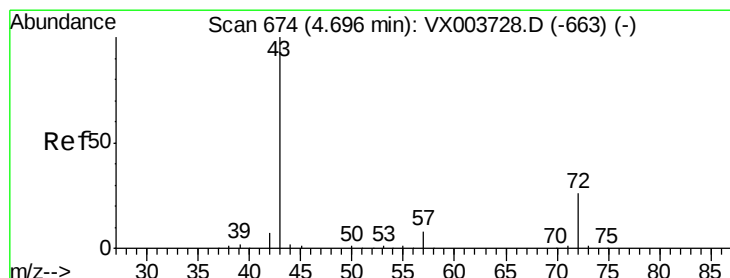
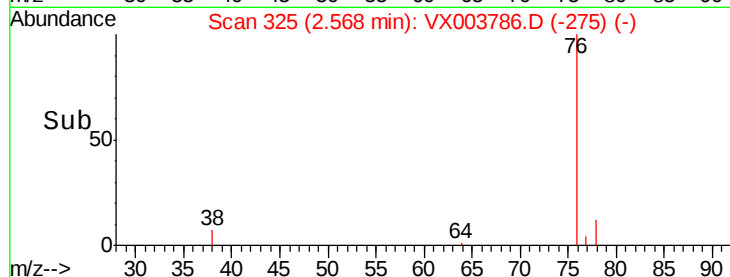
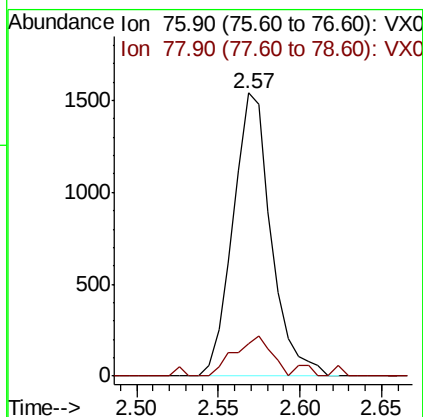
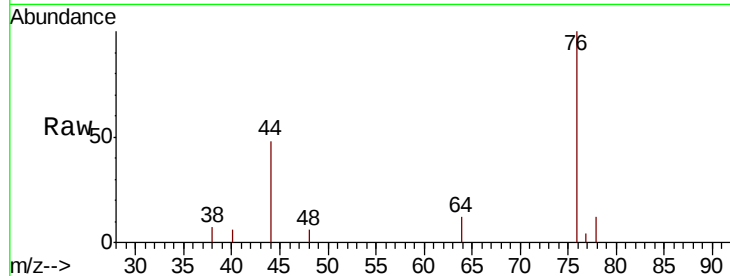




#17
 Carbon Disulfide
 Concen: 1.70 ug/l
 RT: 2.57 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VX003786.D
 Acq: 01 Aug 2018 08:05

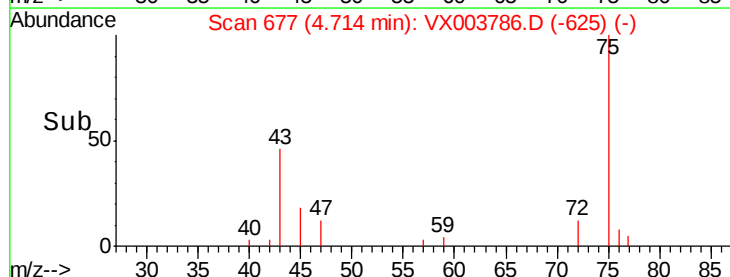
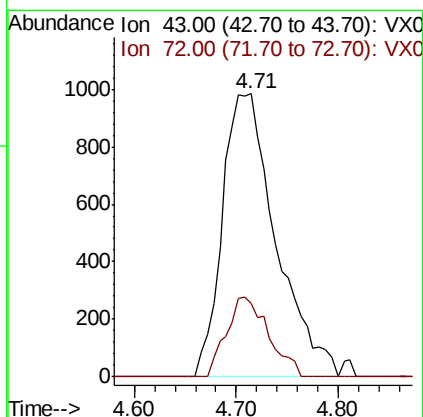
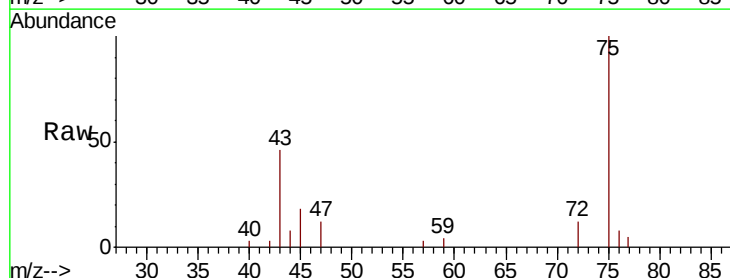
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(3-5)

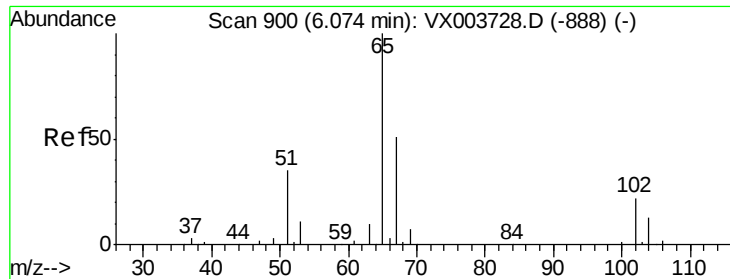
Tot Ion: 76 Resp: 2508
 Ion Ratio Lower Upper
 76 100
 78 11.6 7.3 10.9#



#25
 2-Butanone
 Concen: 12.56 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.02 min
 Lab File: VX003786.D
 Acq: 01 Aug 2018 08:05

Tgt Ion: 43 Resp: 3598
 Ion Ratio Lower Upper
 43 100
 72 25.8 20.9 31.3

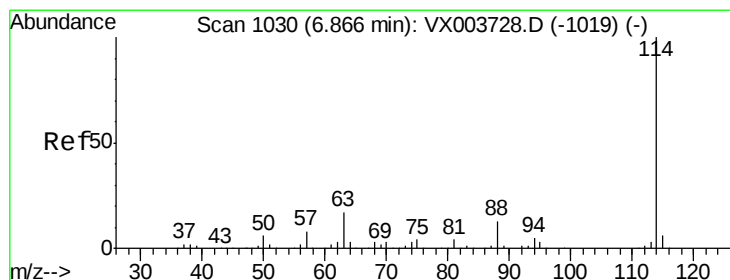
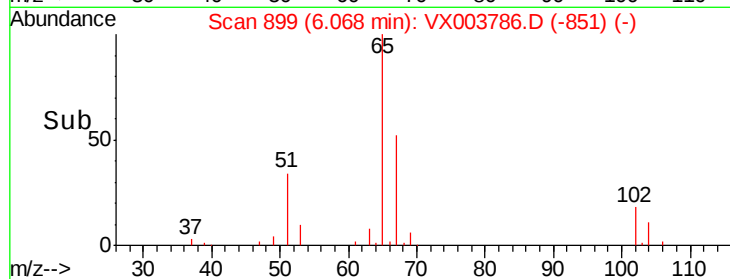
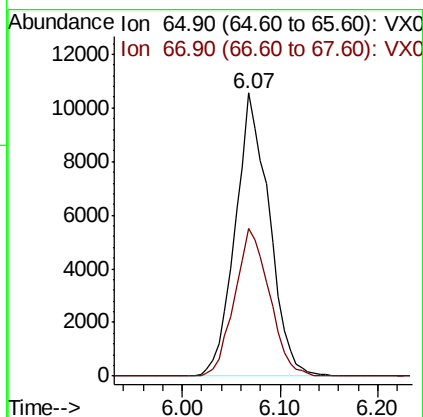
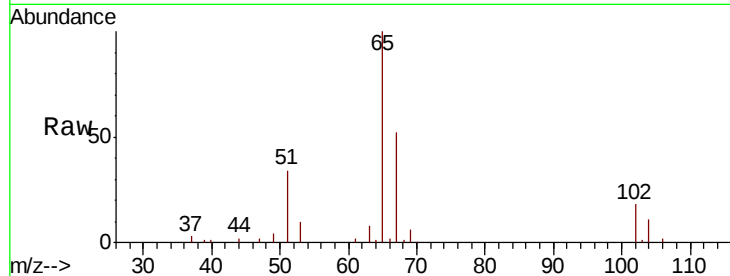




#33
 1,2-Dichloroethane-d4
 Concen: 49.34 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003786.D
 Acq: 01 Aug 2018 08:05

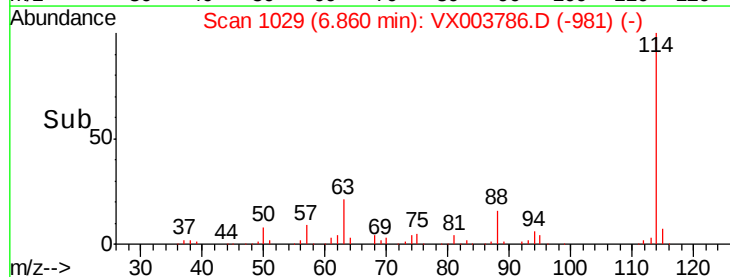
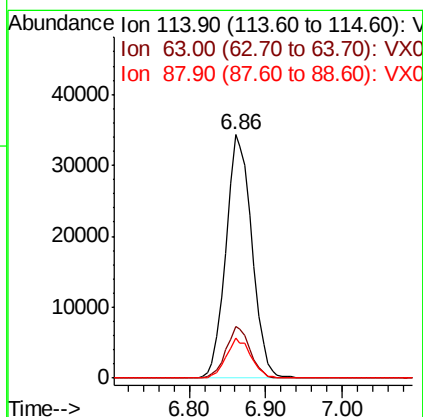
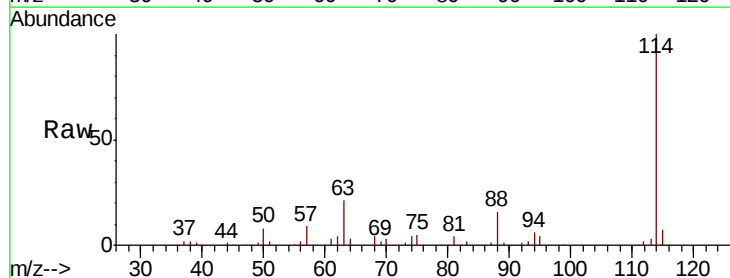
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(3-5)

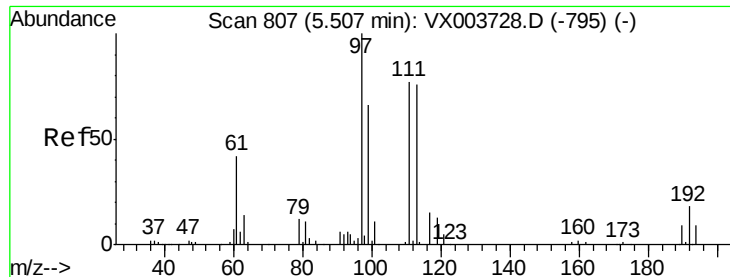
Tot Ion: 65 Resp: 25378
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003786.D
 Acq: 01 Aug 2018 08:05

Tgt Ion: 114 Resp: 80254
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 34.0
 88 16.4 0.0 26.4





#35

Dibromofluoromethane

Concen: 44.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003786.D

Acq: 01 Aug 2018 08:05

Instrument :

MSVOA_X

ClientSampleId :

SB-6(3-5)

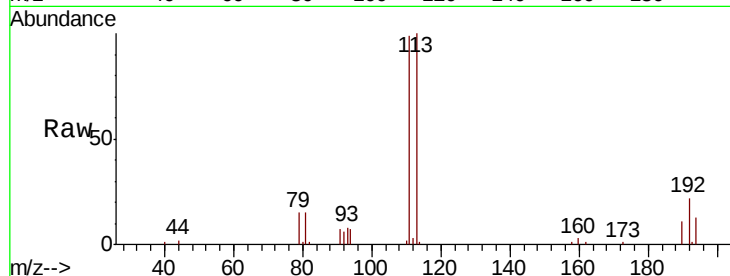
Tot Ion:113 Resp: 21117

Ion Ratio Lower Upper

113 100

111 100.5 81.8 122.6

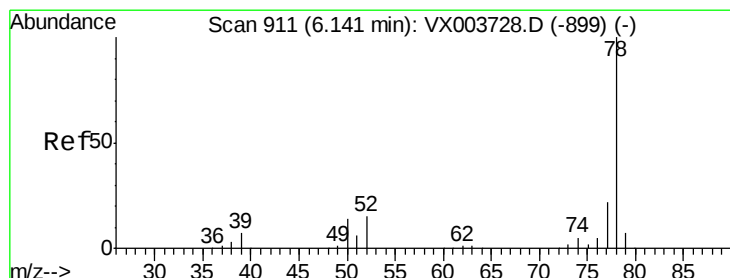
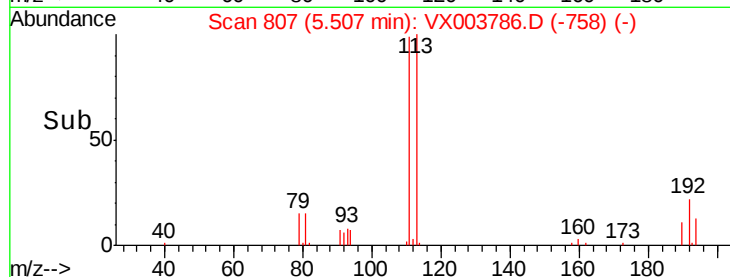
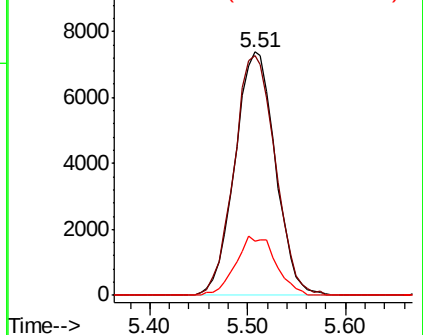
192 23.8 18.8 28.2



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



#40

Benzene

Concen: 1.85 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003786.D

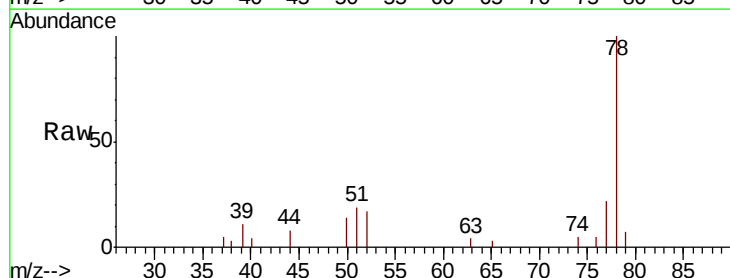
Acq: 01 Aug 2018 08:05

Tgt Ion: 78 Resp: 3975

Ion Ratio Lower Upper

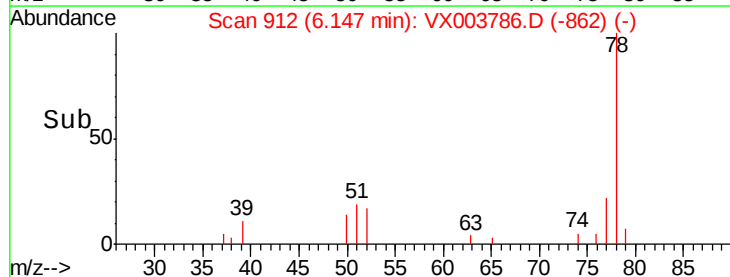
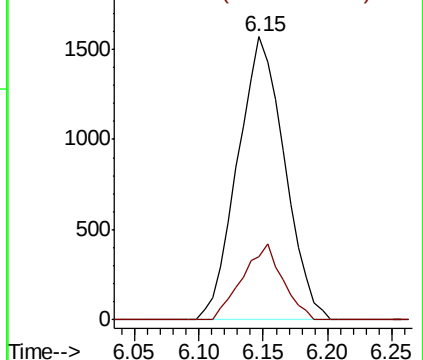
78 100

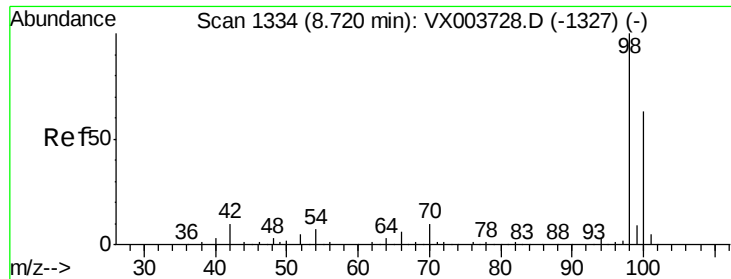
77 22.4 17.9 26.9



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 38.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003786.D

Acq: 01 Aug 2018 08:05

Instrument :

MSVOA_X

ClientSampleId :

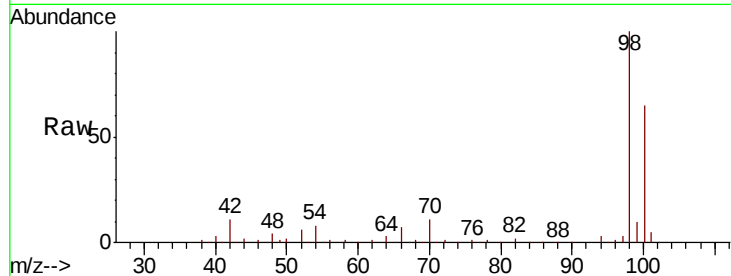
SB-6(3-5)

Tot Ion: 98 Resp: 75782

Ion Ratio Lower Upper

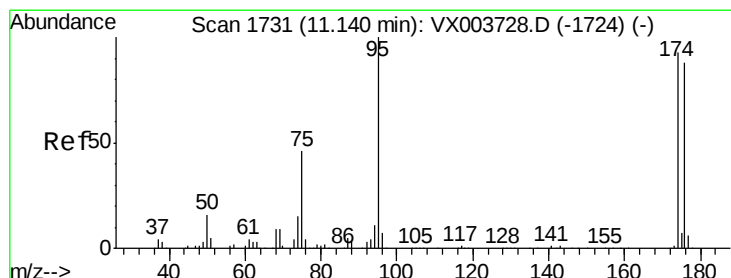
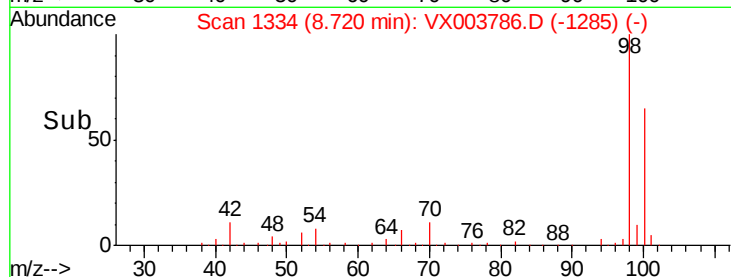
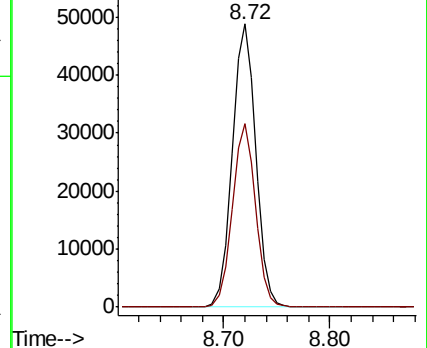
98 100

100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 29.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003786.D

Acq: 01 Aug 2018 08:05

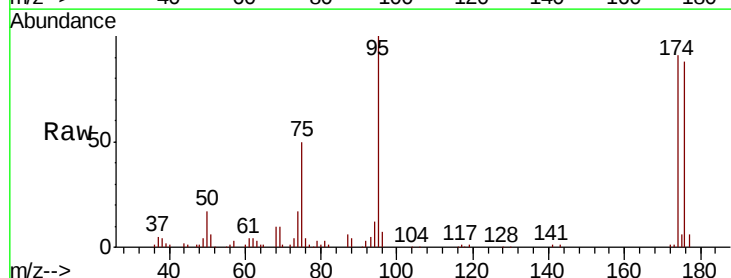
Tgt Ion: 95 Resp: 21182

Ion Ratio Lower Upper

95 100

174 91.7 0.0 186.2

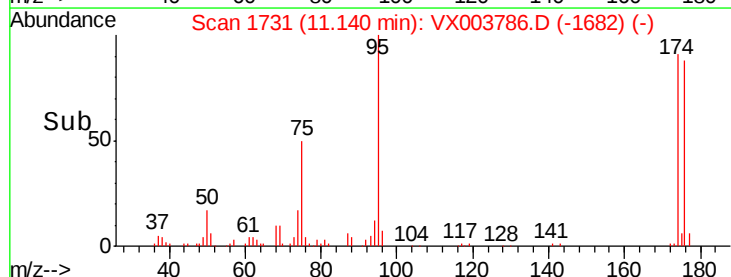
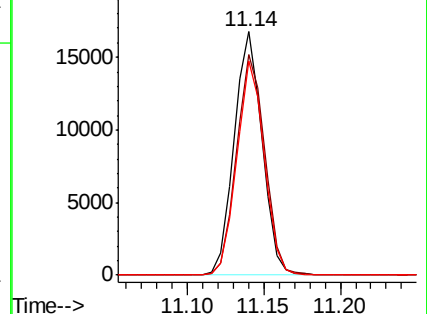
176 86.3 0.0 179.2

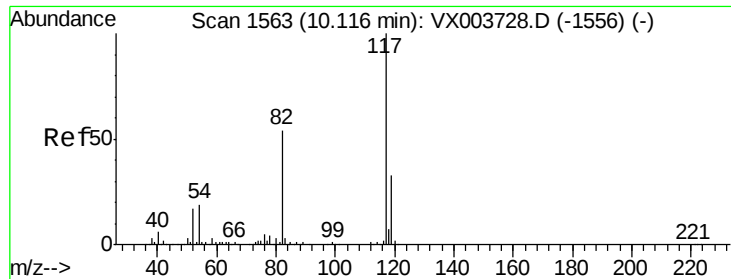


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

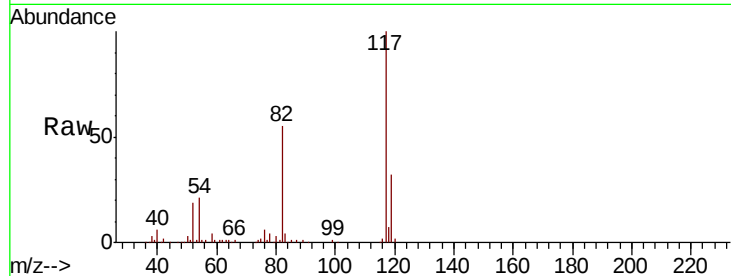




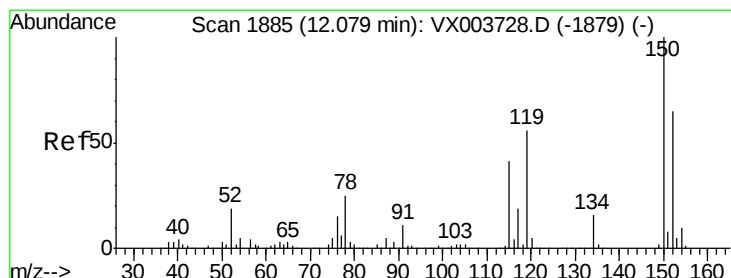
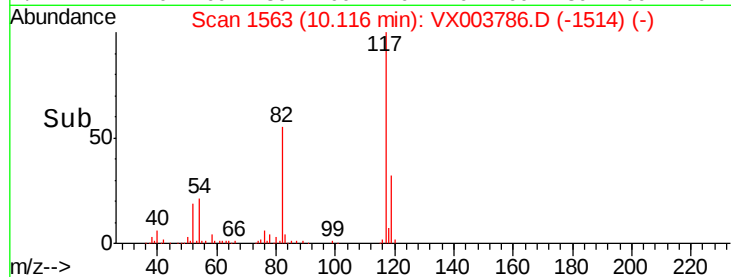
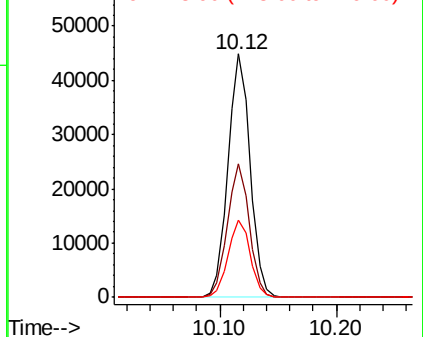
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003786.D
Acq: 01 Aug 2018 08:05

Instrument :
MSVOA_X
ClientSampled :
SB-6(3-5)

Tot Ion:117 Resp: 59335
Ion Ratio Lower Upper
117 100
82 55.0 43.2 64.8
119 31.8 26.3 39.5

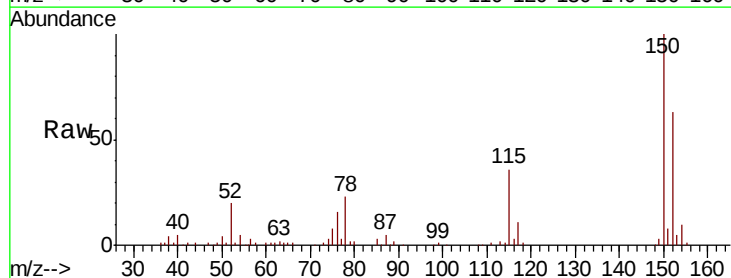


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

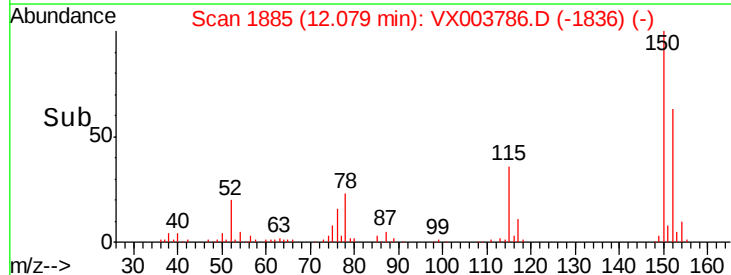
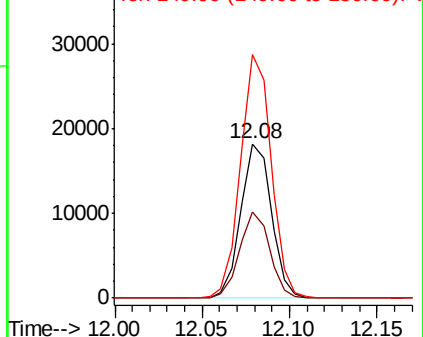


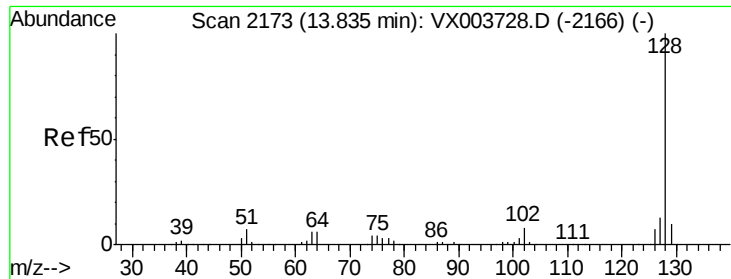
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003786.D
Acq: 01 Aug 2018 08:05

Tgt Ion:152 Resp: 22264
Ion Ratio Lower Upper
152 100
115 55.1 38.5 115.3
150 158.0 0.0 346.2



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

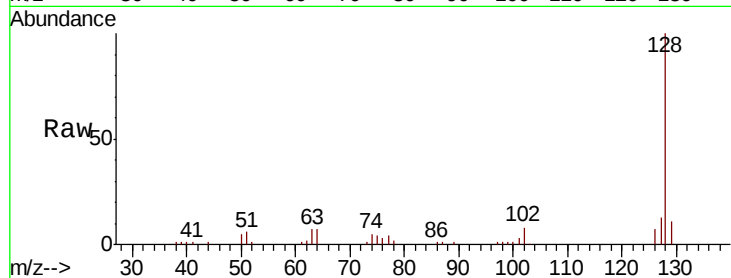




#95
Naphthalene
Concen: 11.64 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003786.D
Acq: 01 Aug 2018 08:05

Instrument :
MSVOA_X
ClientSampleId :
SB-6(3-5)

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.9	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

