

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
 Data File : VX000877.D
 Acq On : 14 Apr 2018 16:17
 Operator : JC/MD
 Sample : J2353-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW001-180411

Quant Time: Apr 16 05:51:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	245082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192573	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	144644	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	5.51	113	117339	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
50) Toluene-d8	8.73	98	458892	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.15	95	175053	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	

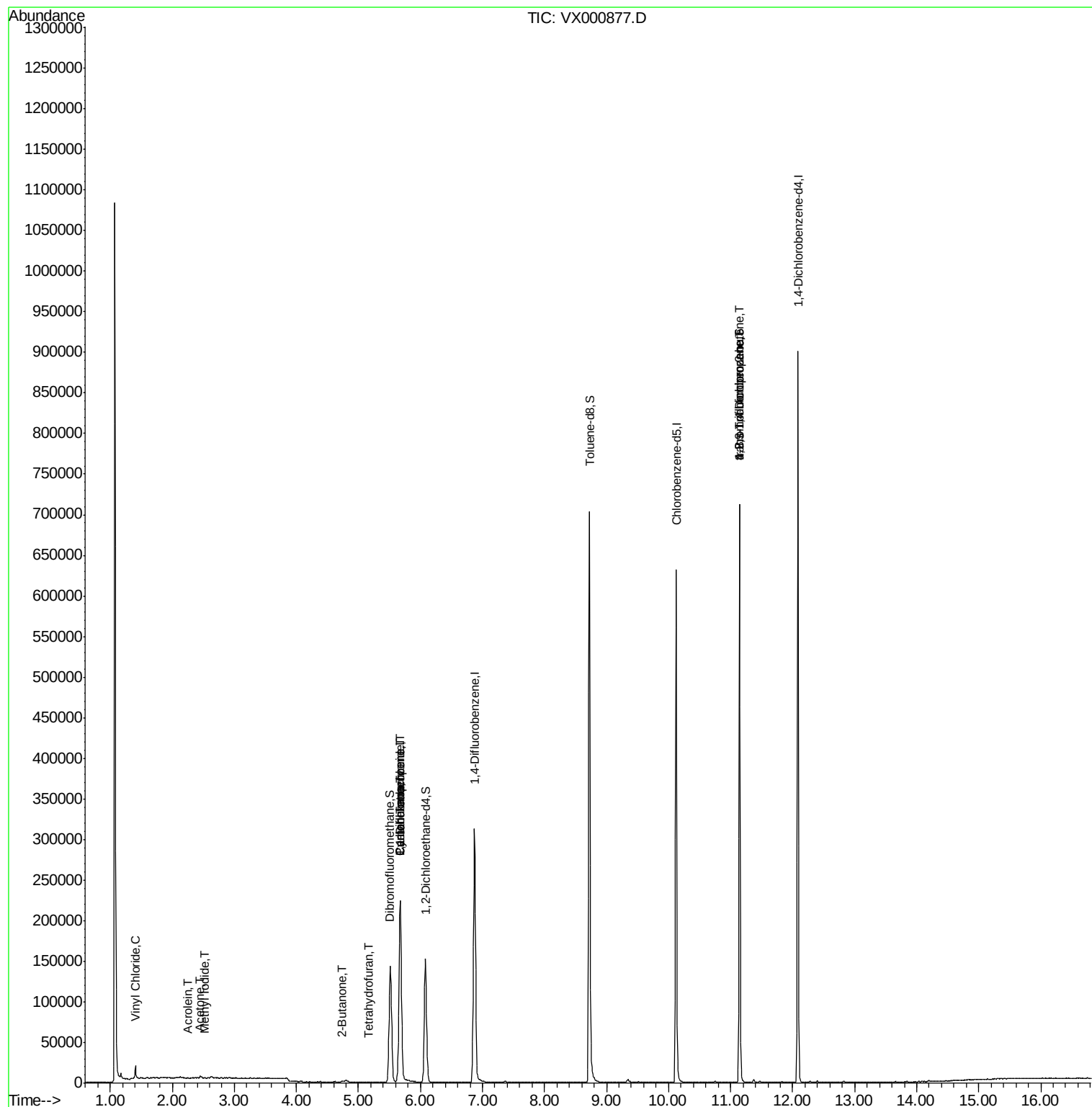
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	8873	3.33	ug/l	97
5) Bromomethane	1.66	94	387	Below Cal	#	42
10) Methyl Iodide	2.51	142	179	8.31	ug/l #	42
13) Acrolein	2.26	56	151	0.57	ug/l	84
16) Acetone	2.45	43	2373	2.23	ug/l	95
25) 2-Butanone	4.73	43	1757	1.00	ug/l #	73
29) Tetrahydrofuran	5.17	42	237	0.21	ug/l #	33
31) Cyclohexane	5.67	56	4420	1.09	ug/l #	12
36) 1,1-Dichloropropene	5.67	75	15167	4.18	ug/l #	48
38) Carbon Tetrachloride	5.67	117	21070	5.19	ug/l #	15
76) 1,2,3-Trichloropropane	11.15	75	84514	25.45	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	84514	70.00	ug/l #	11

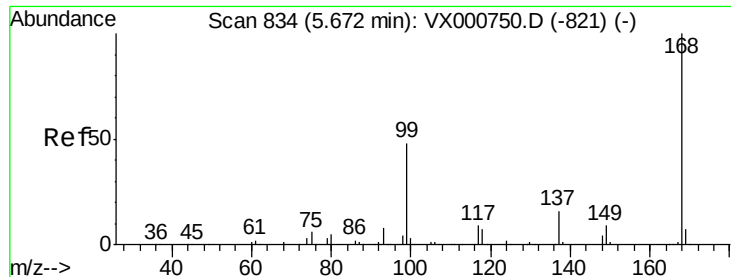
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
Data File : VX000877.D
Acq On : 14 Apr 2018 16:17
Operator : JC/MD
Sample : J2353-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS032MW001-180411

Quant Time: Apr 16 05:51:35 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

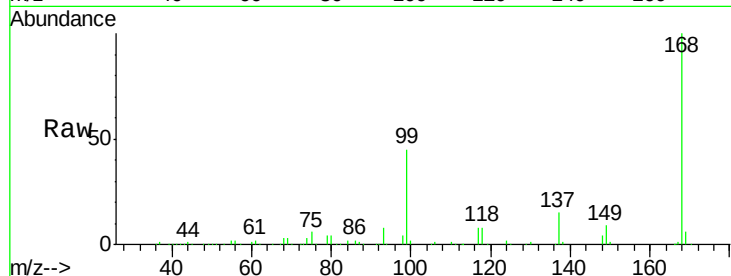
SS032MW001-180411

Tgt Ion:168 Resp: 245082

Ion Ratio Lower Upper

168 100

99 44.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

80000

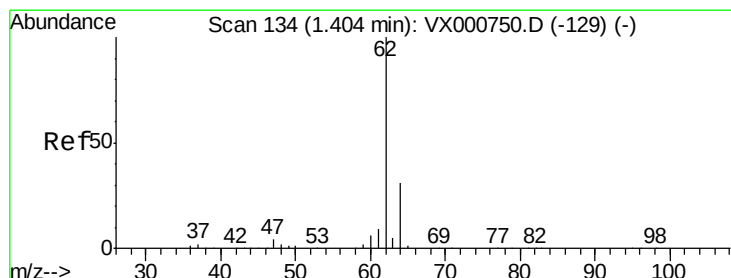
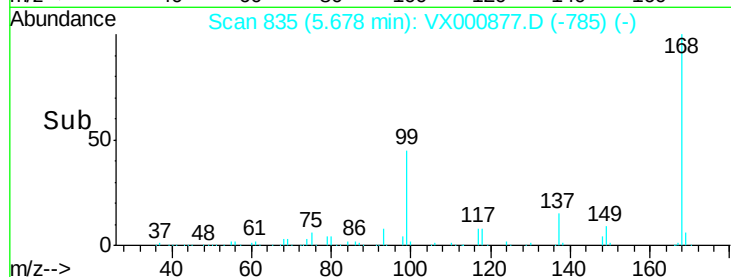
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000877.D

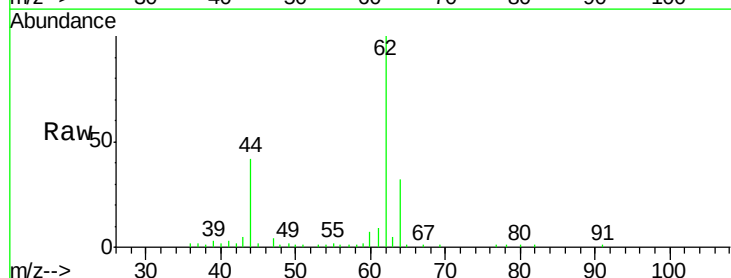
Acq: 14 Apr 2018 16:17

Tgt Ion: 62 Resp: 8873

Ion Ratio Lower Upper

62 100

64 32.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

10000

8000

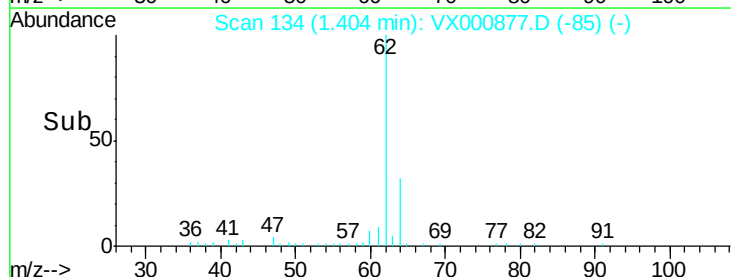
6000

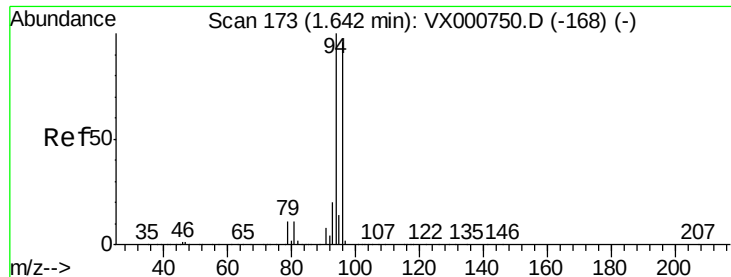
4000

2000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

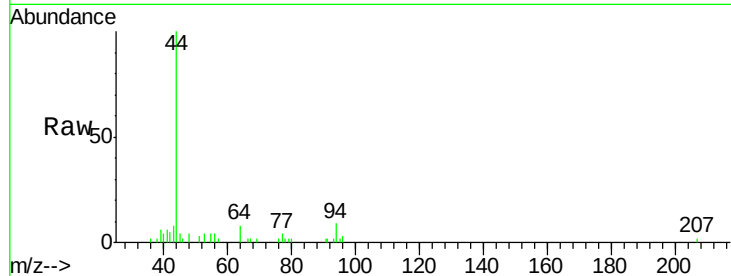
SS032MW001-180411

Tgt Ion: 94 Resp: 387

Ion Ratio Lower Upper

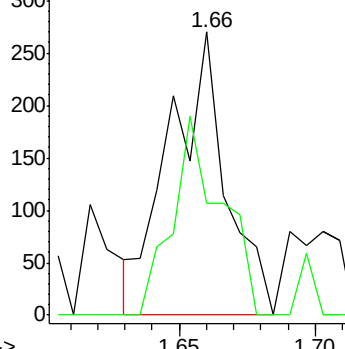
94 100

96 39.6 77.0 115.6#

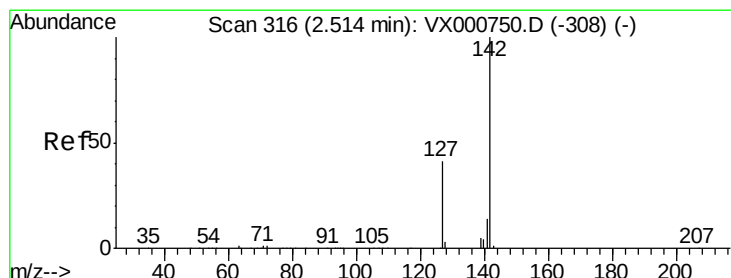
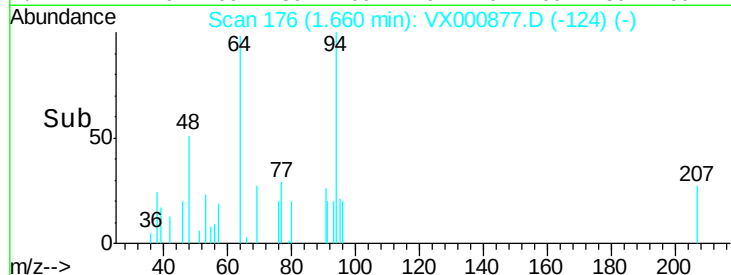


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#10

Methyl Iodide

Concen: 8.31 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

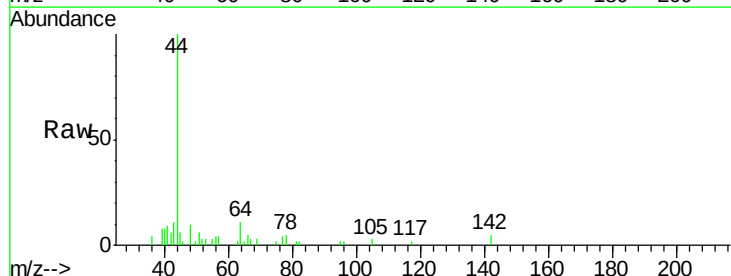
Tgt Ion: 142 Resp: 179

Ion Ratio Lower Upper

142 100

127 0.0 32.6 49.0#

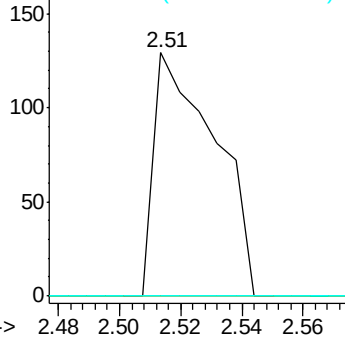
141 0.0 11.5 17.3#



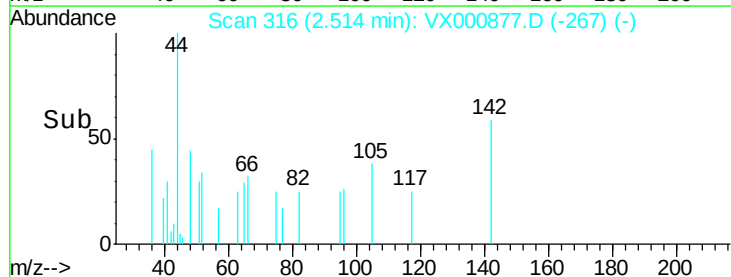
Abundance Ion 141.80 (141.50 to 142.50): V

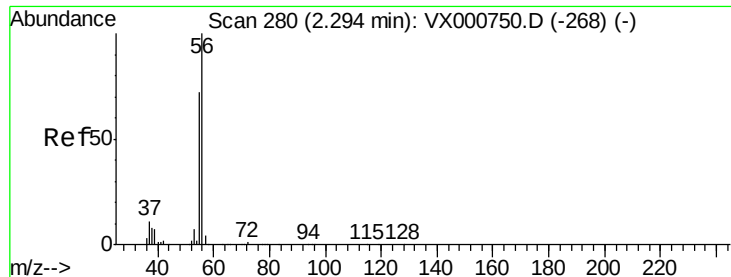
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->





#13

Acrolein

Concen: 0.57 ug/l

RT: 2.26 min Scan# 275

Delta R.T. -0.03 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

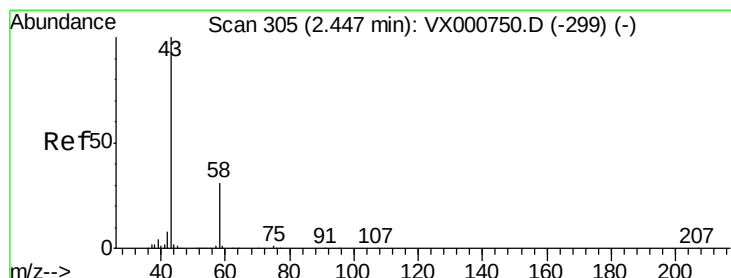
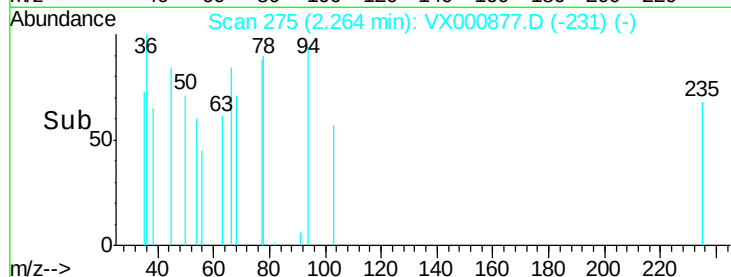
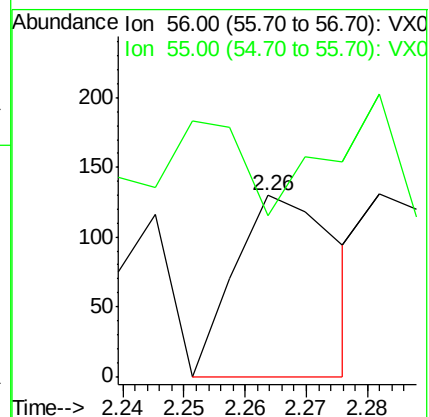
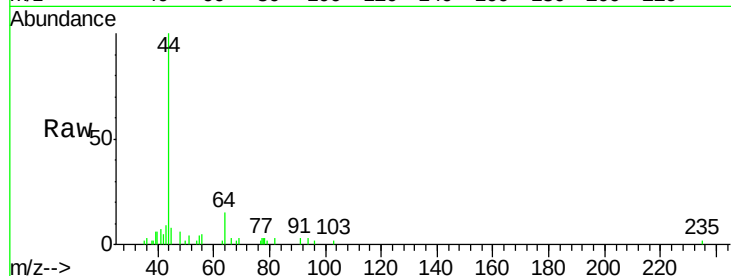
SS032MW001-180411

Tgt Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

55 59.6 58.7 88.1



#16

Acetone

Concen: 2.23 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000877.D

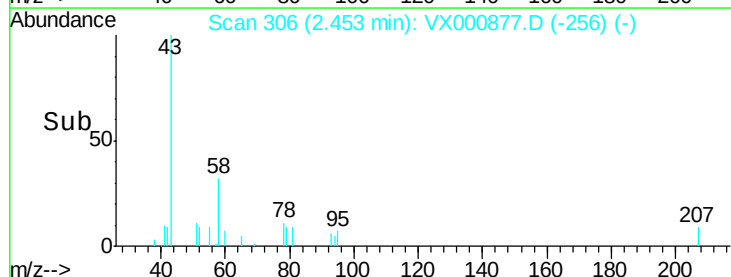
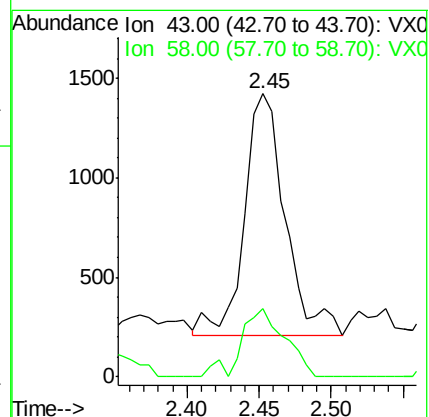
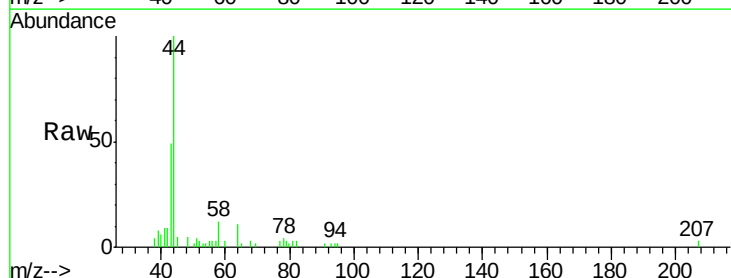
Acq: 14 Apr 2018 16:17

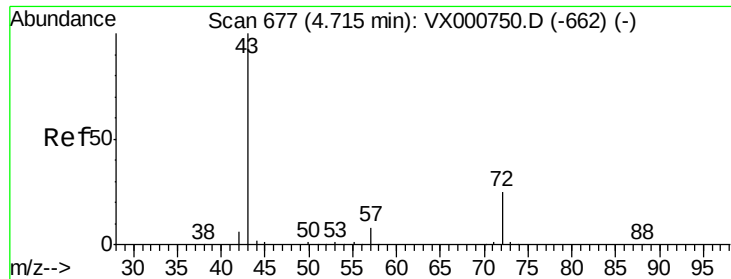
Tgt Ion: 43 Resp: 2373

Ion Ratio Lower Upper

43 100

58 28.2 24.6 37.0





#25

2-Butanone

Concen: 1.00 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

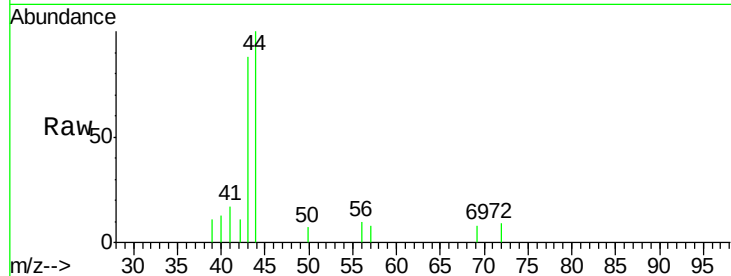
SS032MW001-180411

Tgt Ion: 43 Resp: 1757

Ion Ratio Lower Upper

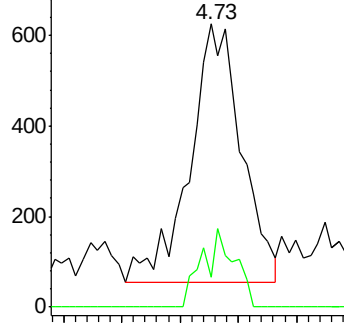
43 100

72 11.8 20.3 30.5#

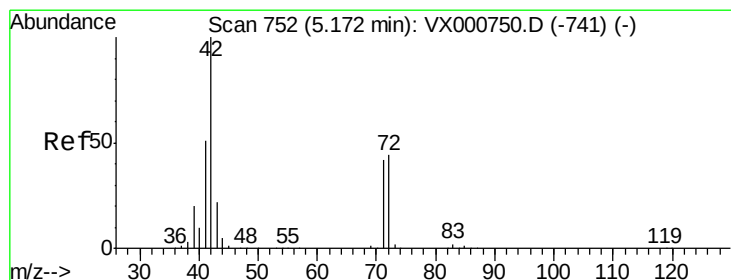
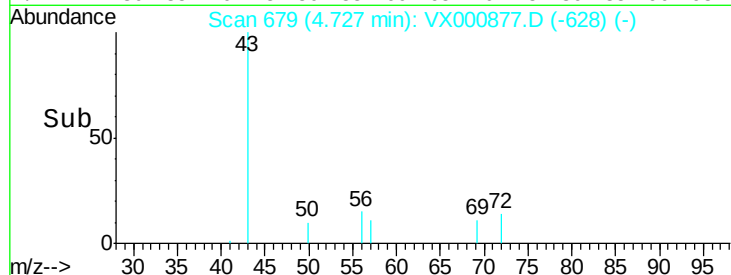


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

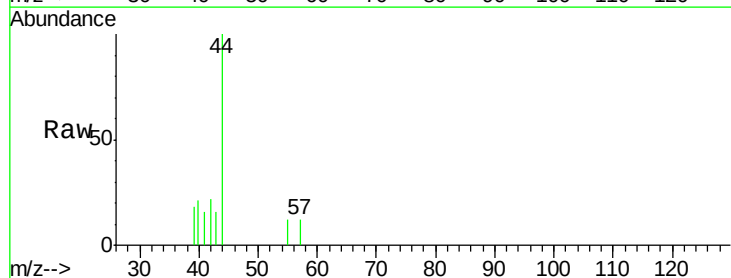
Tgt Ion: 42 Resp: 237

Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

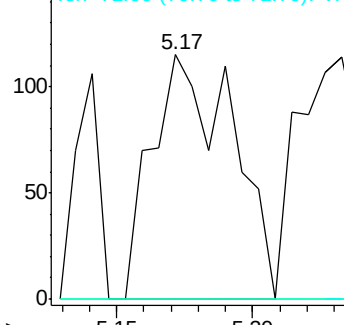
71 0.0 32.8 49.2#



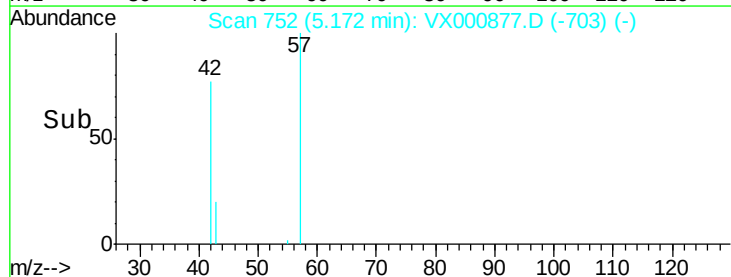
Abundance Ion 42.00 (41.70 to 42.70): VX0

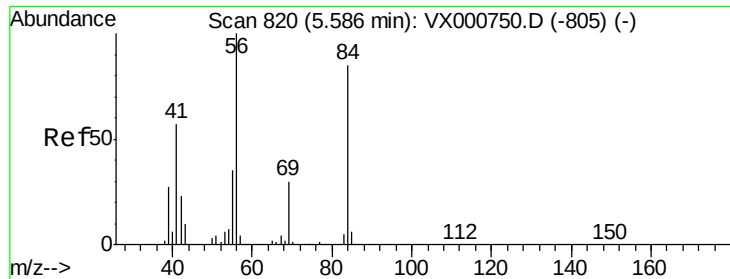
Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



Time-->

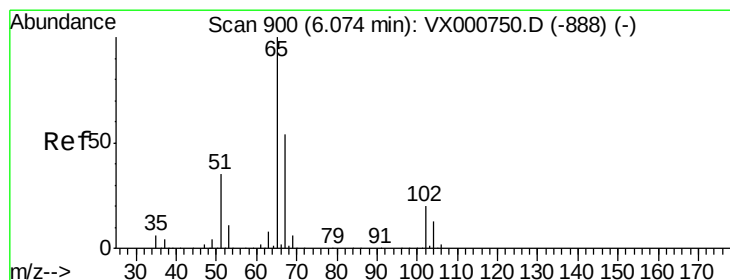
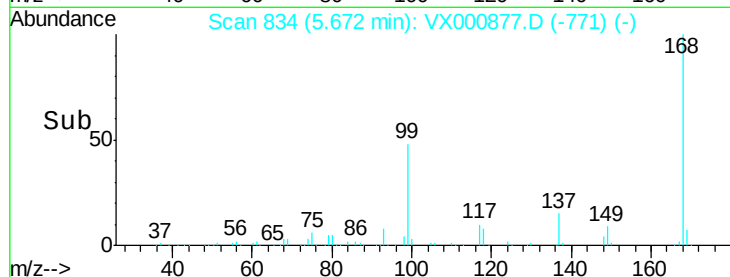
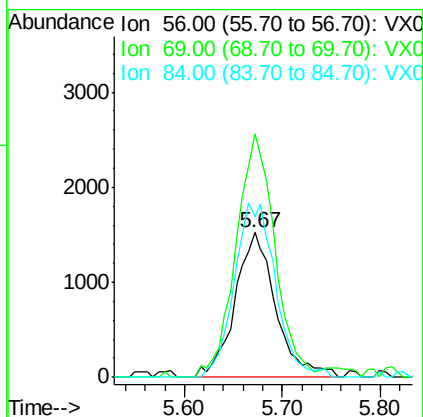
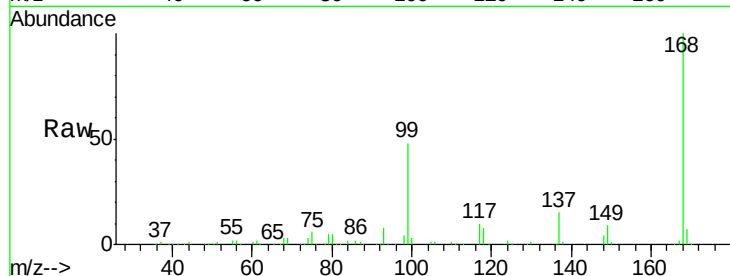




#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX000877.D
Acq: 14 Apr 2018 16:17

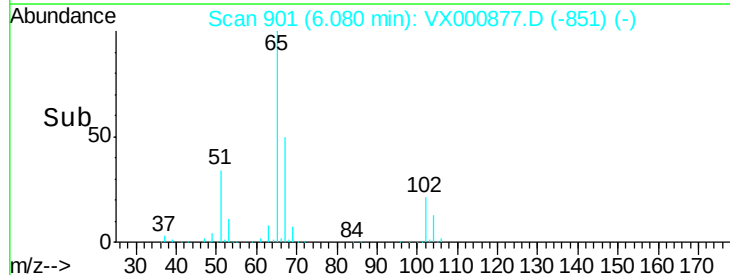
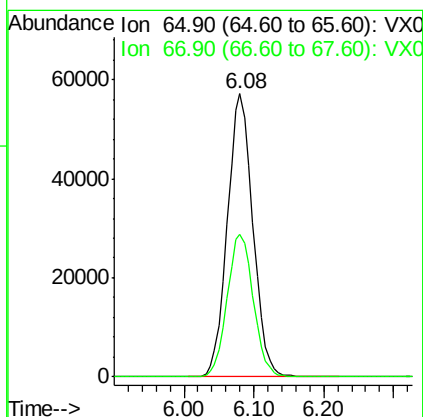
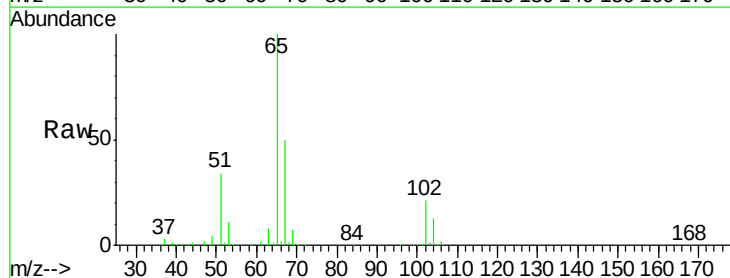
Instrument :
MSVOA_X
ClientSampleId :
SS032MW001-180411

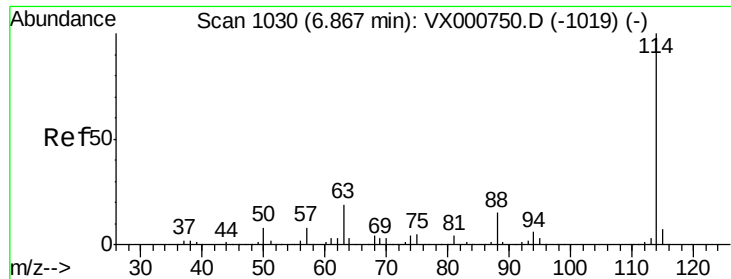
Tgt Ion: 56 Resp: 4420
Ion Ratio Lower Upper
56 100
69 168.2 24.2 36.4#
84 110.7 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 46.81 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000877.D
Acq: 14 Apr 2018 16:17

Tgt Ion: 65 Resp: 144644
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

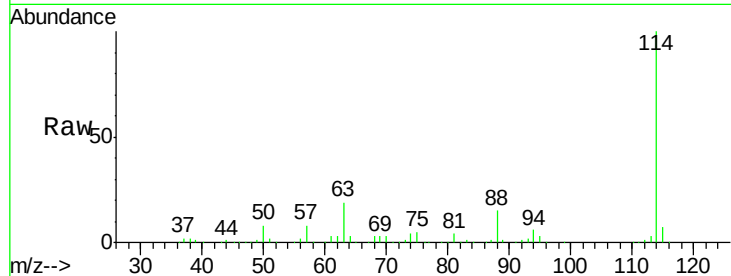




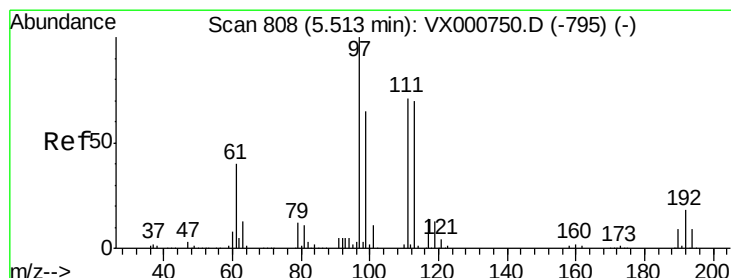
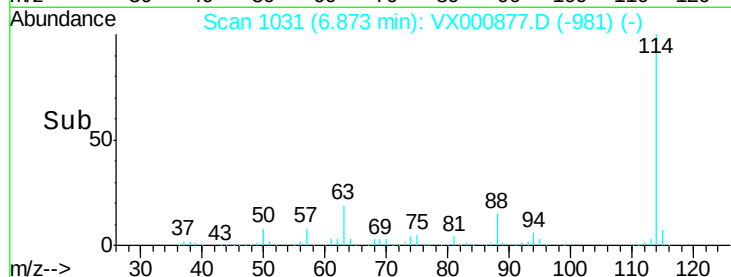
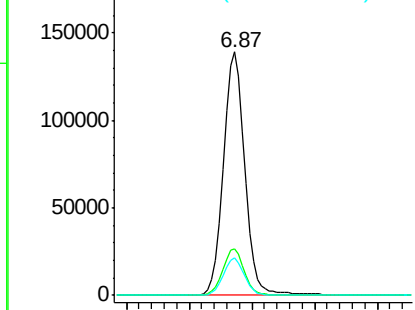
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000877.D
 Acq: 14 Apr 2018 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW001-180411

Tgt Ion:114 Resp: 329270
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.3 0.0 31.0

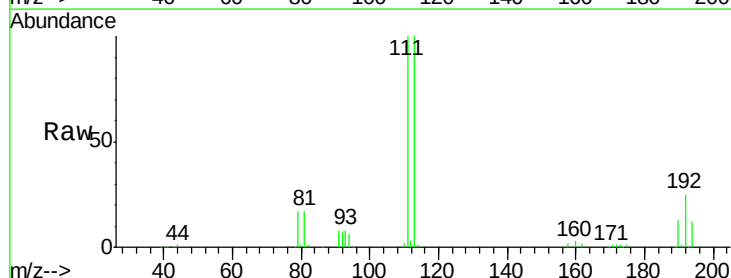


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

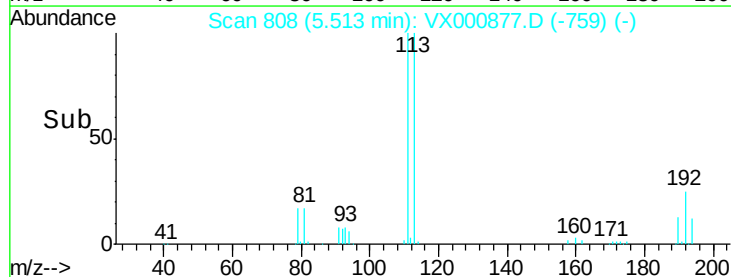
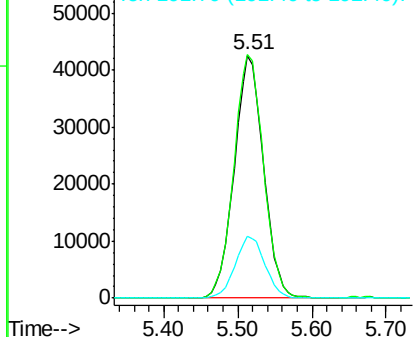


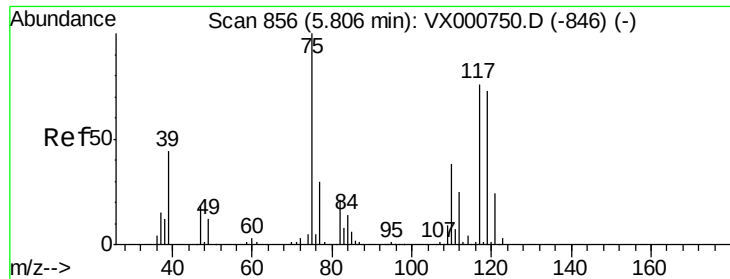
#35
 Dibromofluoromethane
 Concen: 46.25 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000877.D
 Acq: 14 Apr 2018 16:17

Tgt Ion:113 Resp: 117339
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.5 122.3
 192 25.7 20.4 30.6



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





#36

1,1-Dichloropropene

Concen: 4.18 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

SS032MW001-180411

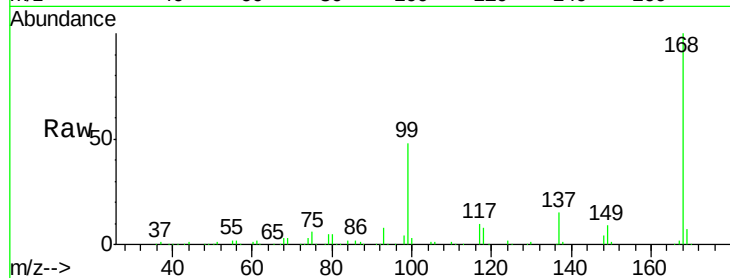
Tgt Ion: 75 Resp: 15167

Ion Ratio Lower Upper

75 100

110 10.0 19.2 57.6#

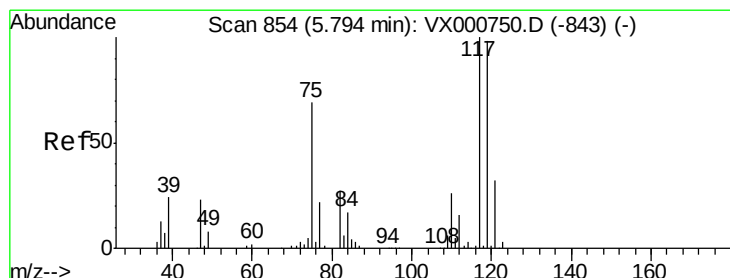
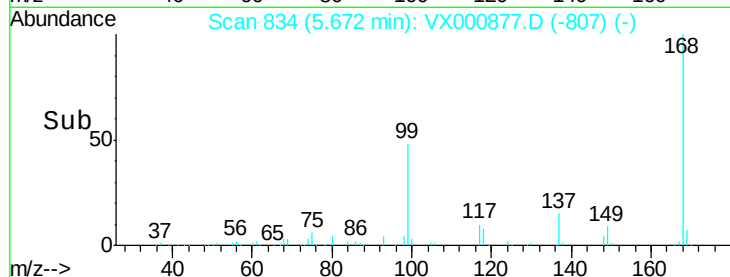
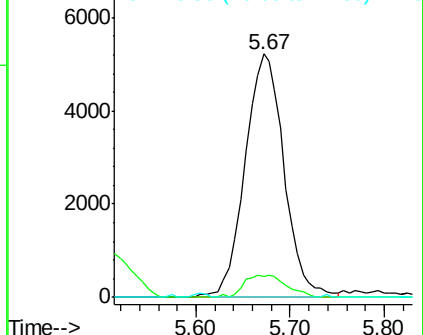
77 0.0 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.19 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

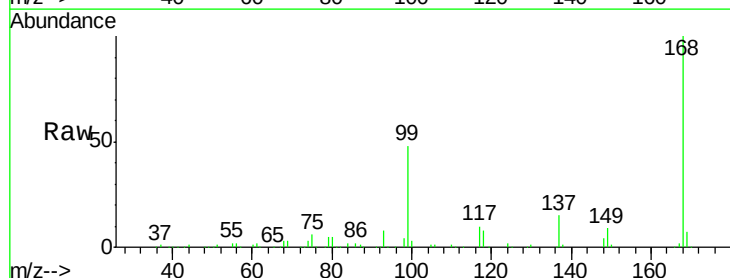
Tgt Ion: 117 Resp: 21070

Ion Ratio Lower Upper

117 100

119 4.6 78.4 117.6#

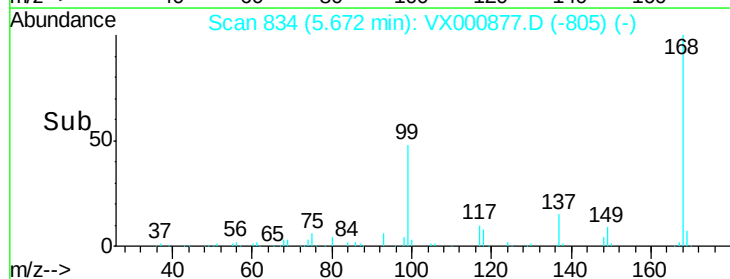
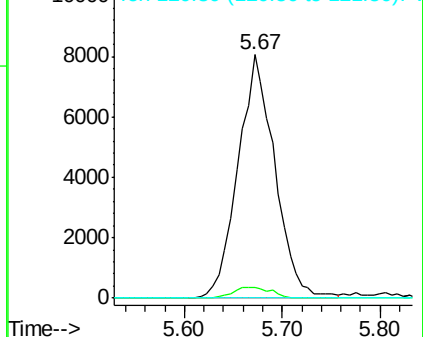
121 0.0 25.4 38.0#

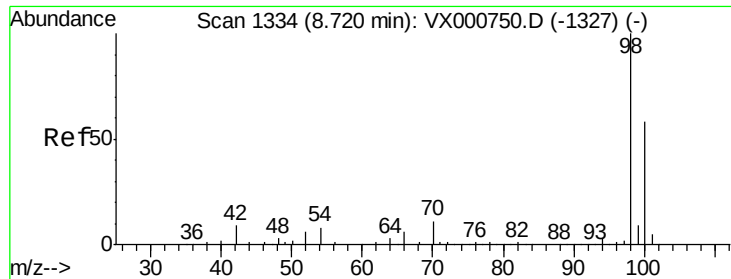


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.58 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

Instrument :

MSVOA_X

ClientSampleId :

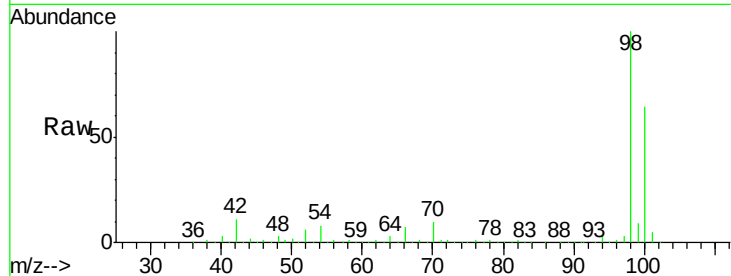
SS032MW001-180411

Tgt Ion: 98 Resp: 458892

Ion Ratio Lower Upper

98 100

100 64.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

250000

200000

150000

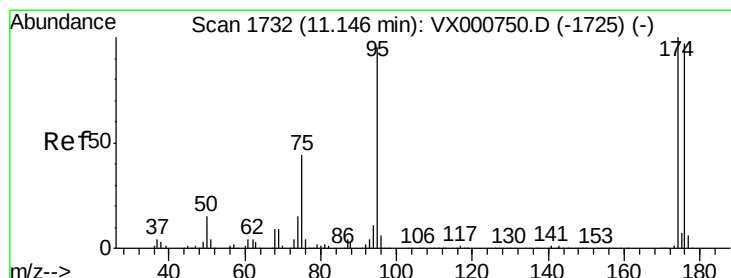
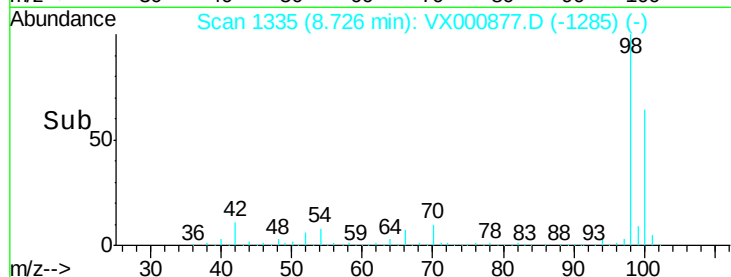
100000

50000

0

8.60 8.70 8.80 8.90 9.00

Time-->



#62

4-Bromofluorobenzene

Concen: 44.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000877.D

Acq: 14 Apr 2018 16:17

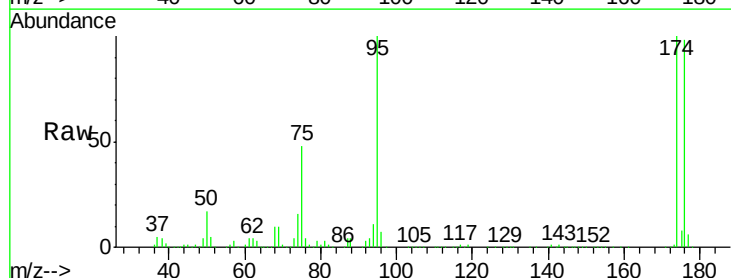
Tgt Ion: 95 Resp: 175053

Ion Ratio Lower Upper

95 100

174 97.2 0.0 198.4

176 95.0 0.0 194.4



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

11.15

150000

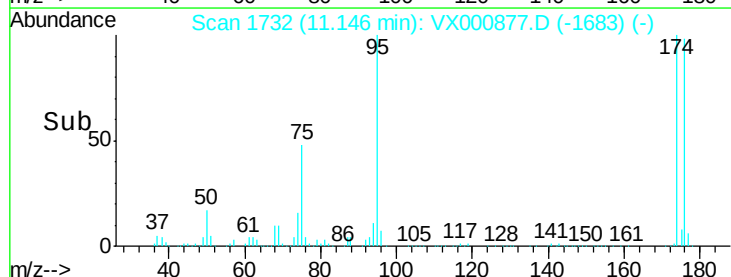
100000

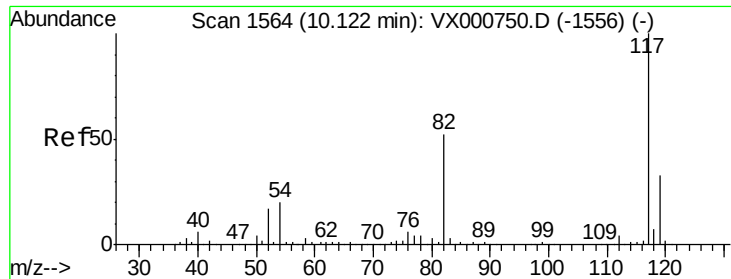
50000

0

11.10 11.20

Time-->

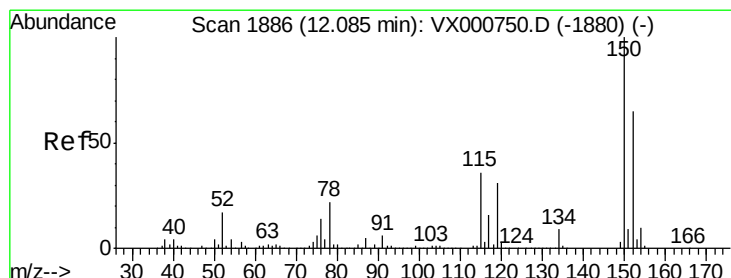
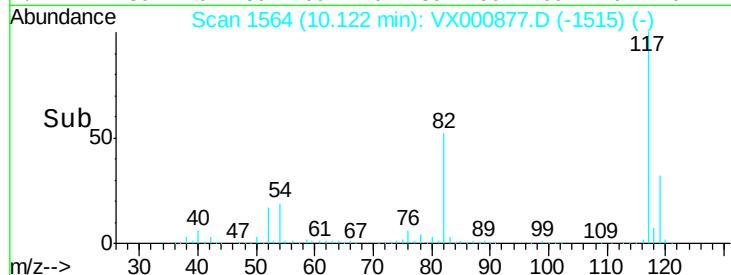
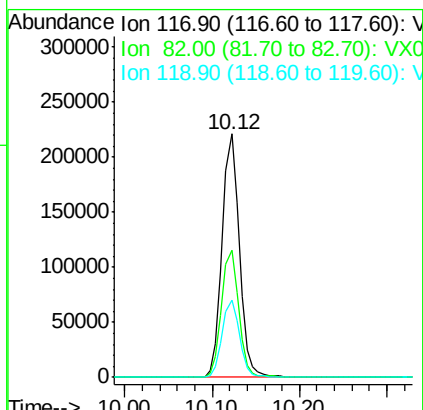
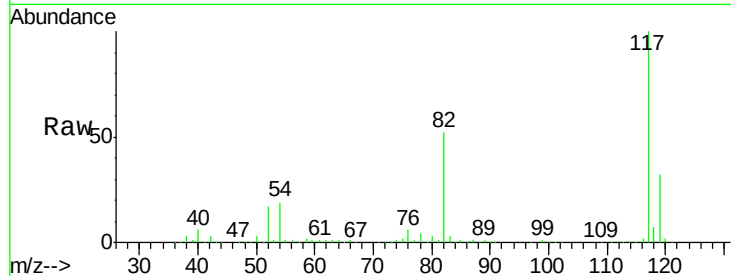




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VX000877.D
 Acq: 14 Apr 2018 16:17

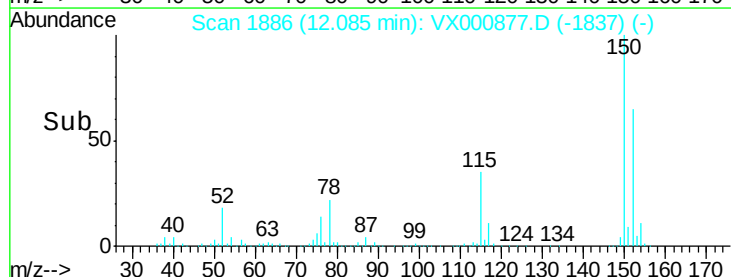
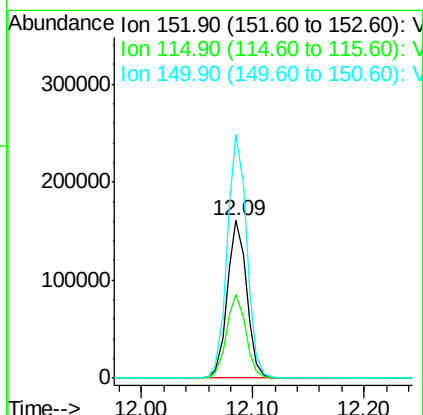
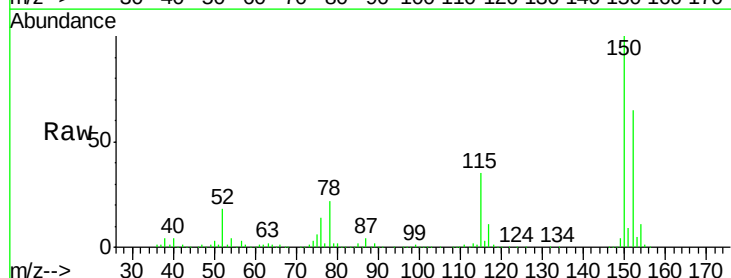
Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW001-180411

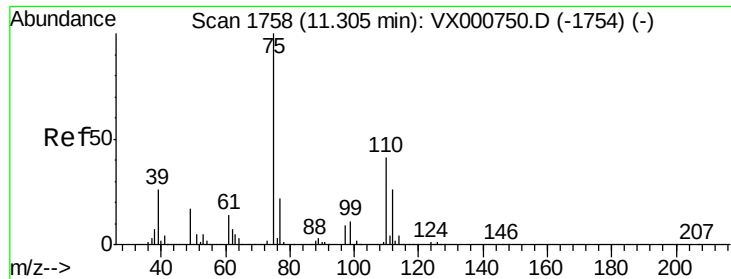
Tgt Ion:117 Resp: 301634
 Ion Ratio Lower Upper
 117 100
 82 52.0 41.9 62.9
 119 31.6 26.0 39.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000877.D
 Acq: 14 Apr 2018 16:17

Tgt Ion:152 Resp: 192573
 Ion Ratio Lower Upper
 152 100
 115 53.1 37.9 113.7
 150 155.9 0.0 348.0

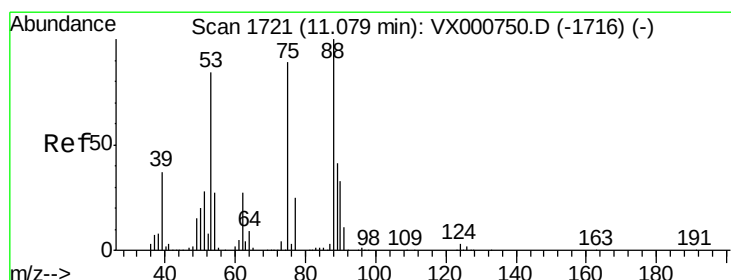
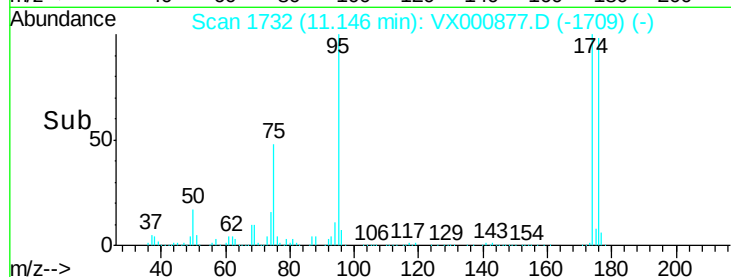
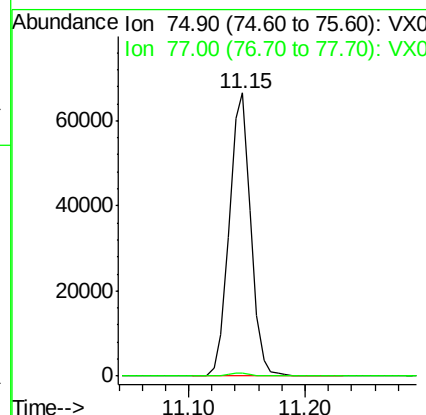
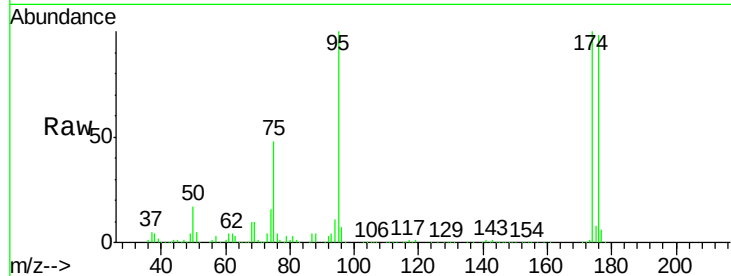




#76
 1,2,3-Trichloropropane
 Concen: 25.45 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000877.D
 Acq: 14 Apr 2018 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW001-180411

Tgt Ion: 75 Resp: 84514
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.00 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.07 min
 Lab File: VX000877.D
 Acq: 14 Apr 2018 16:17

Tgt Ion: 75 Resp: 84514
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.0#
 89 0.0 40.9 61.3#

