

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000807.D
 Acq On : 12 Apr 2018 17:23
 Operator : JC/MD
 Sample : J2312-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F-4-09-18

Quant Time: Apr 13 07:30:02 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	5.67	168	276581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204201	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	158895	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	
35) Dibromofluoromethane	5.51	113	130647	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	
50) Toluene-d8	8.73	98	493647	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.15	95	187843	43.67	ug/l	0.00
Spiked Amount			Recovery	=	87.34%	

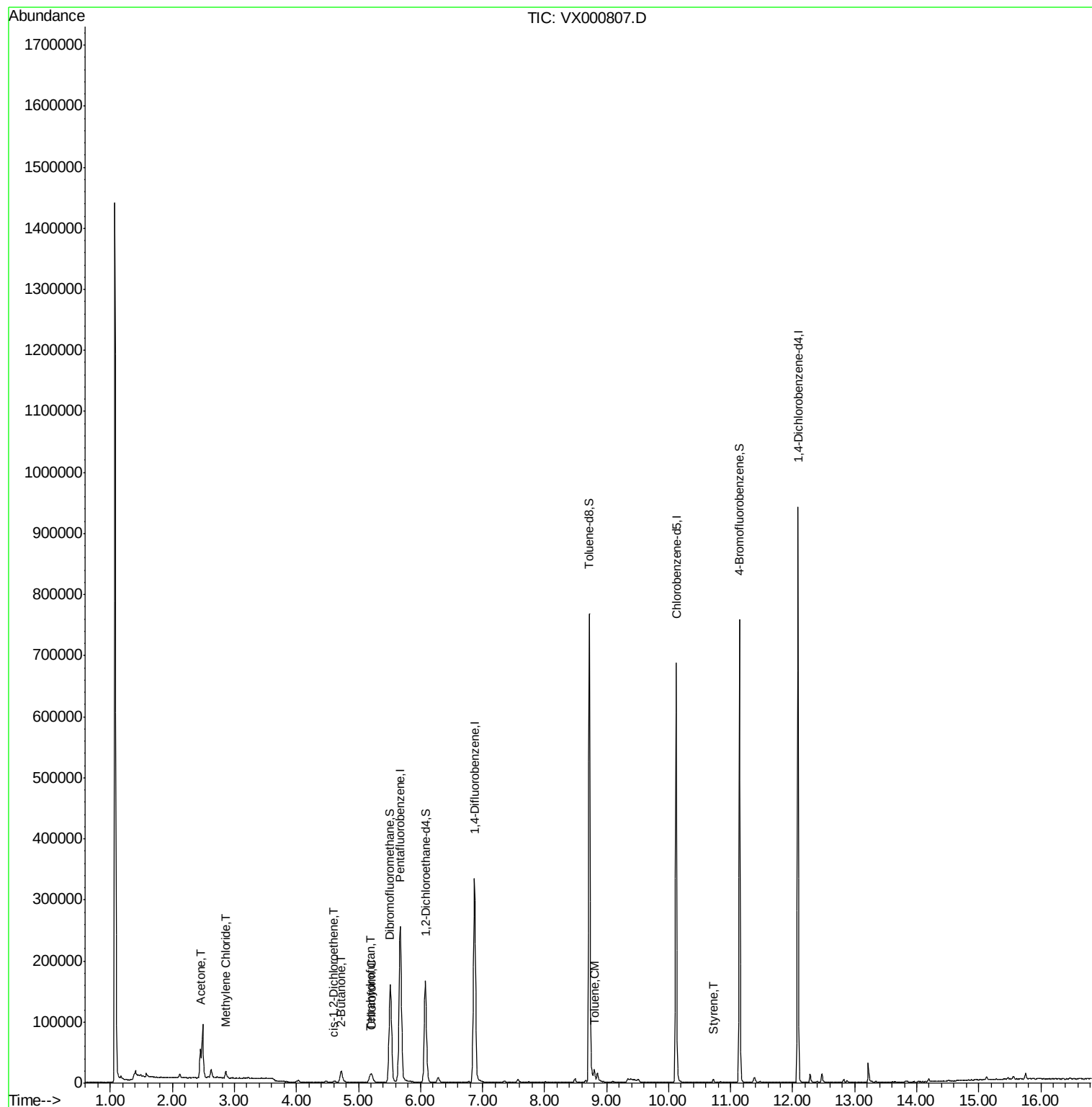
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	49824	41.43	ug/l	98
20) Methylene Chloride	2.86	84	4770	1.71	ug/l	93
25) 2-Butanone	4.72	43	33411	16.82	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	1053	0.33	ug/l	82
29) Tetrahydrofuran	5.18	42	7821	6.20	ug/l	98
30) Chloroform	5.22	83	2197	0.43	ug/l	95
52) Toluene	8.79	92	1711	0.23	ug/l	94
70) Styrene	10.72	104	2069	0.24	ug/l	93

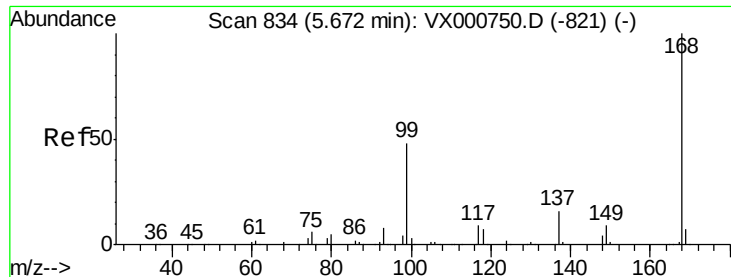
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J2312-01
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Instrument :
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ClientSampleId :
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Quant Time: Apr 13 07:30:02 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: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000807.D

Acq: 12 Apr 2018 17:23

Instrument :

MSVOA_X

ClientSampleId :

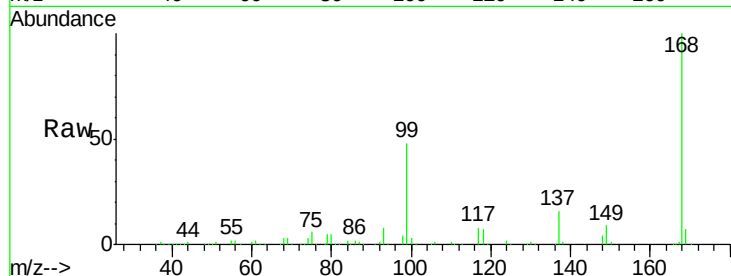
F-4-09-18

Tot Ion:168 Resp: 276581

Ion Ratio Lower Upper

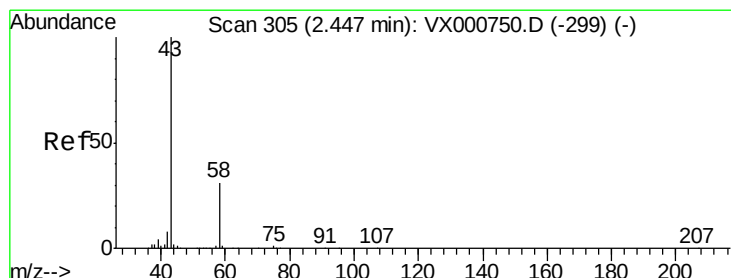
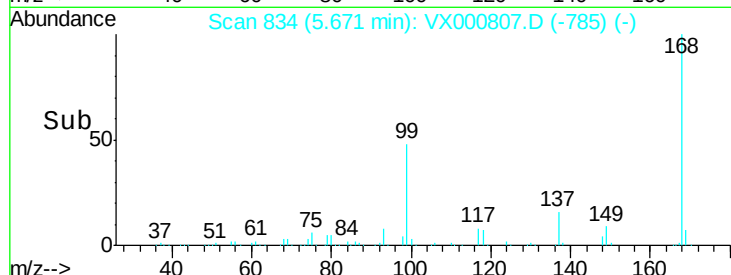
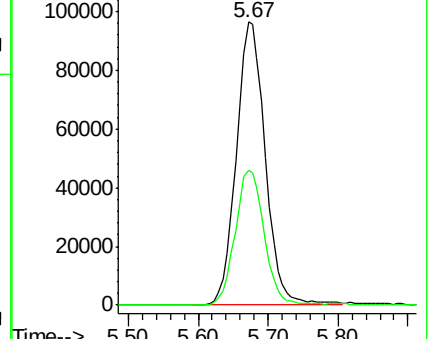
168 100

99 47.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 41.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000807.D

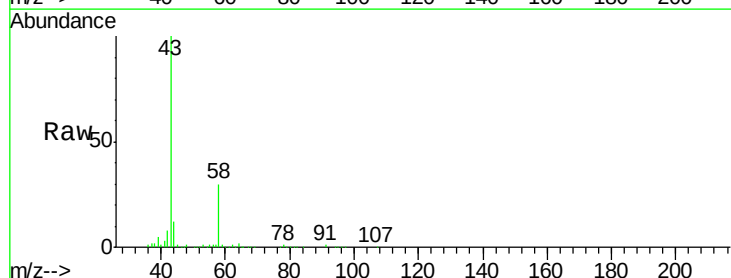
Acq: 12 Apr 2018 17:23

Tgt Ion: 43 Resp: 49824

Ion Ratio Lower Upper

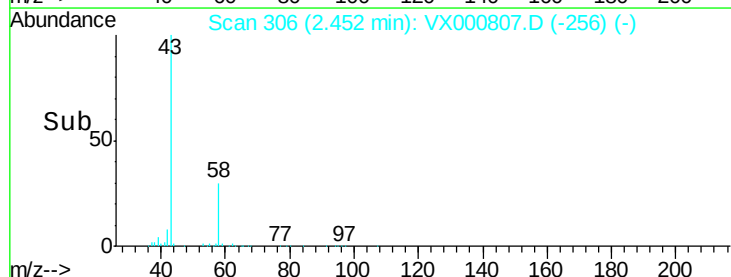
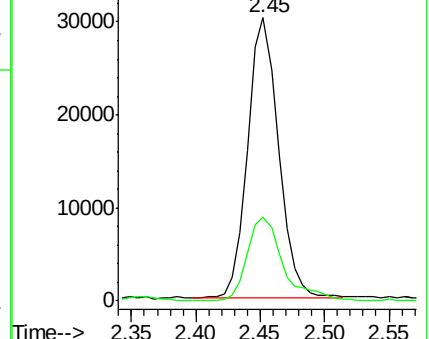
43 100

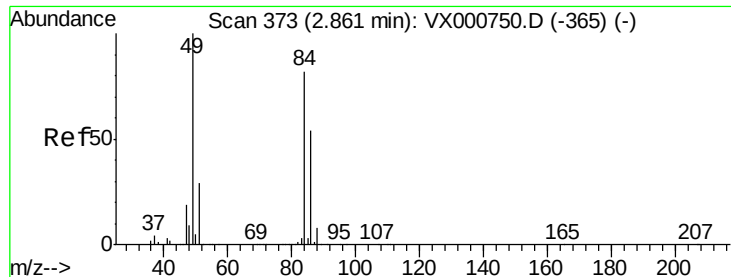
58 29.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#20

Methylene Chloride

Concen: 1.71 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000807.D

Acq: 12 Apr 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

F-4-09-18

Tot Ion: 84 Resp: 4770

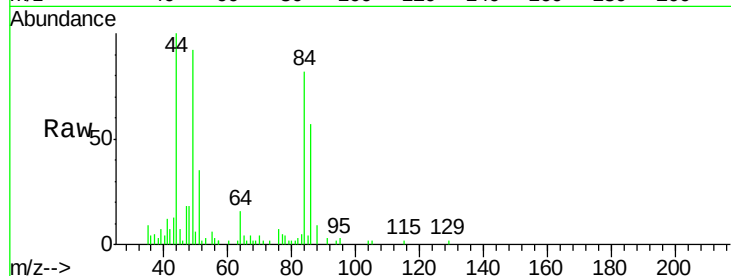
Ion Ratio Lower Upper

84 100

49 112.1 98.1 147.1

51 39.9 28.9 43.3

86 69.4 52.7 79.1

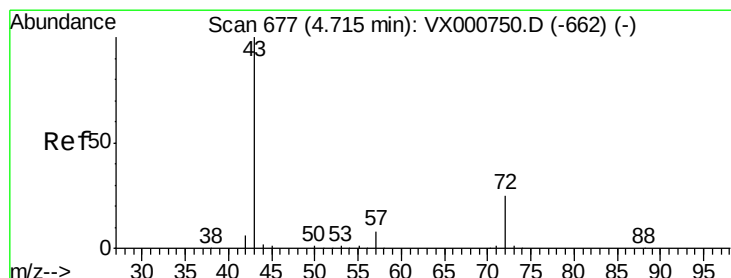
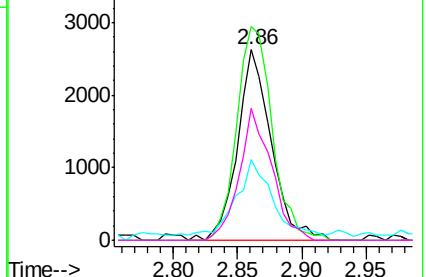
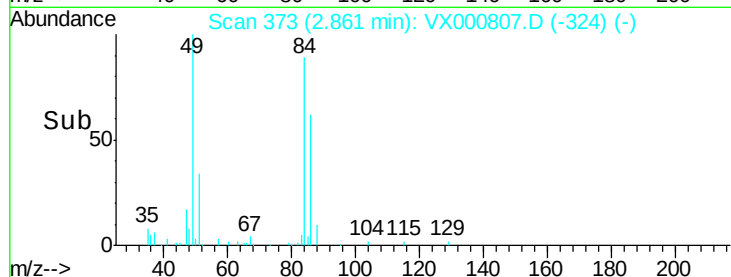


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 16.82 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000807.D

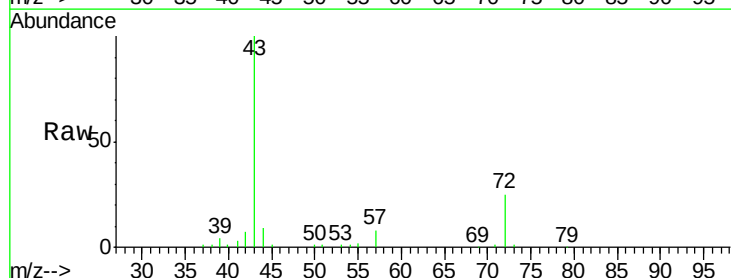
Acq: 12 Apr 2018 17:23

Tgt Ion: 43 Resp: 33411

Ion Ratio Lower Upper

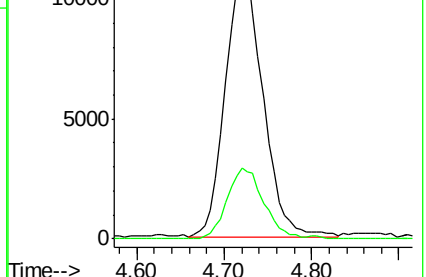
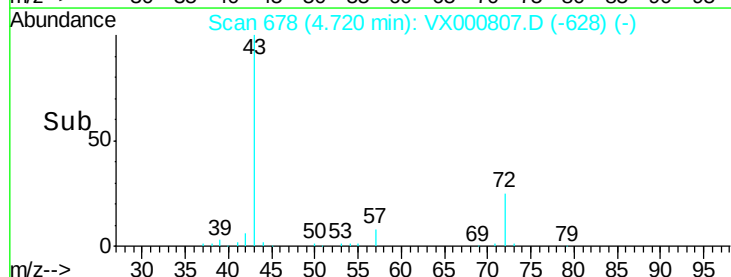
43 100

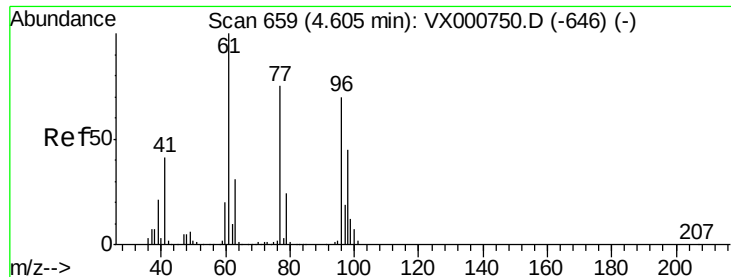
72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 0.33 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000807.D

Acq: 12 Apr 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

F-4-09-18

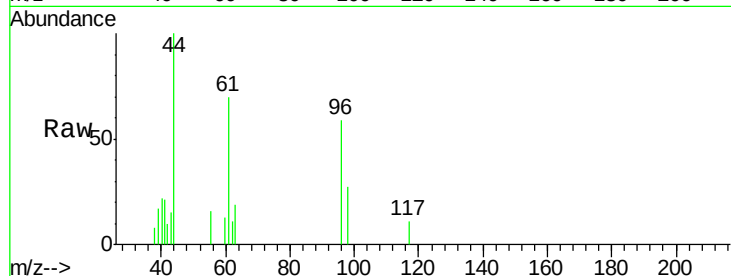
Tot Ion: 96 Resp: 1053

Ion Ratio Lower Upper

96 100

61 115.0 0.0 292.4

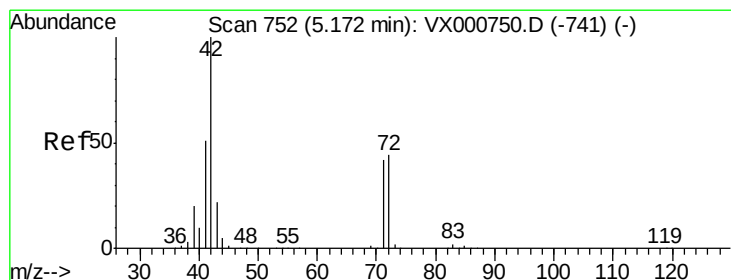
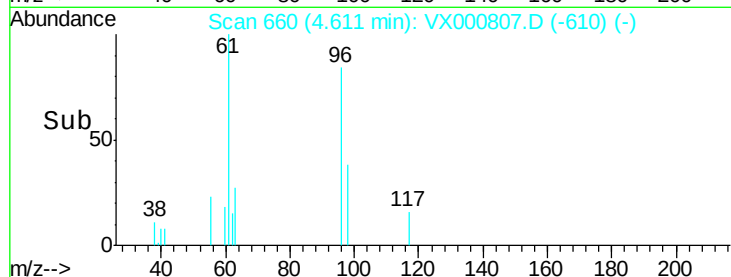
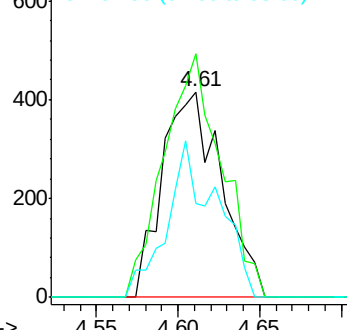
98 63.2 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#29

Tetrahydrofuran

Concen: 6.20 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000807.D

Acq: 12 Apr 2018 17:23

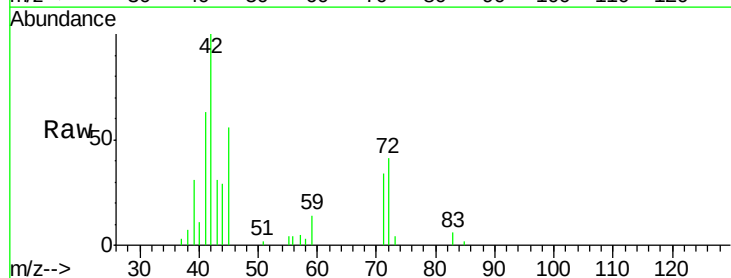
Tgt Ion: 42 Resp: 7821

Ion Ratio Lower Upper

42 100

72 41.3 35.1 52.7

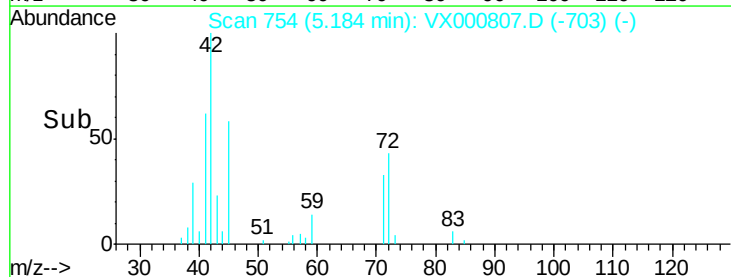
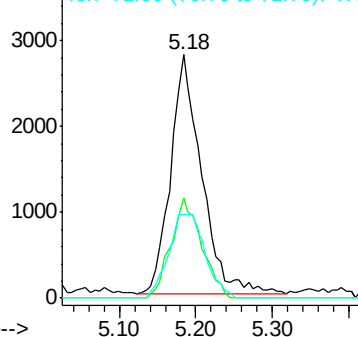
71 41.0 32.8 49.2

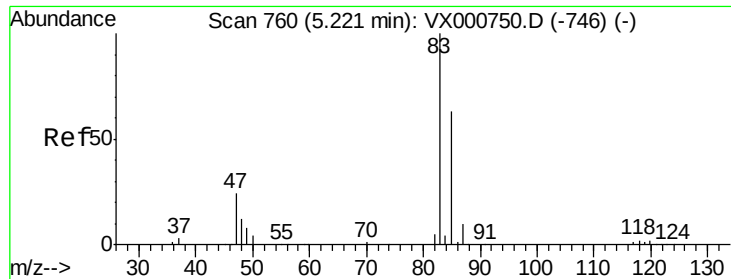


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#30

Chloroform

Concen: 0.43 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000807.D

Acq: 12 Apr 2018 17:23

Instrument :

MSVOA_X

ClientSampled :

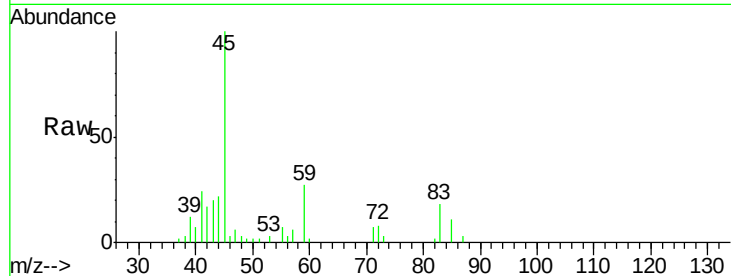
F-4-09-18

Tot Ion: 83 Resp: 2197

Ion Ratio Lower Upper

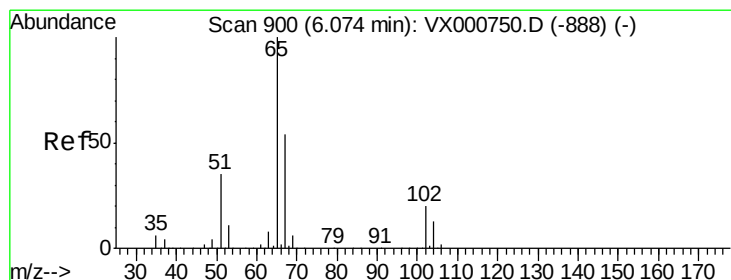
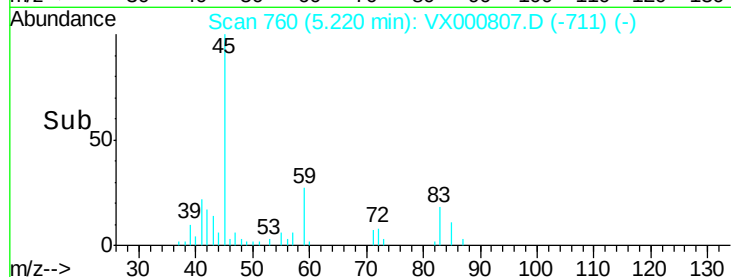
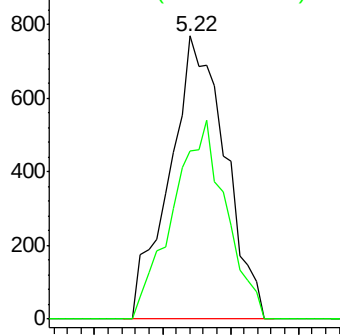
83 100

85 59.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.56 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000807.D

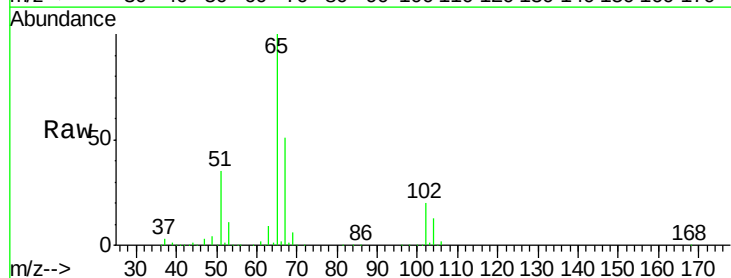
Acq: 12 Apr 2018 17:23

Tgt Ion: 65 Resp: 158895

Ion Ratio Lower Upper

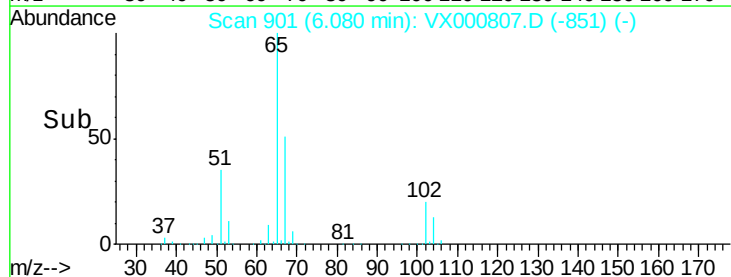
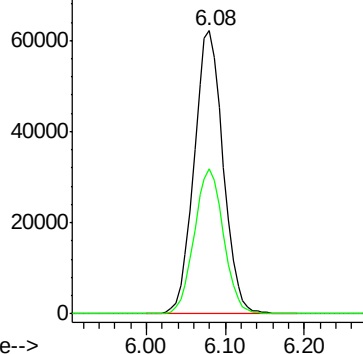
65 100

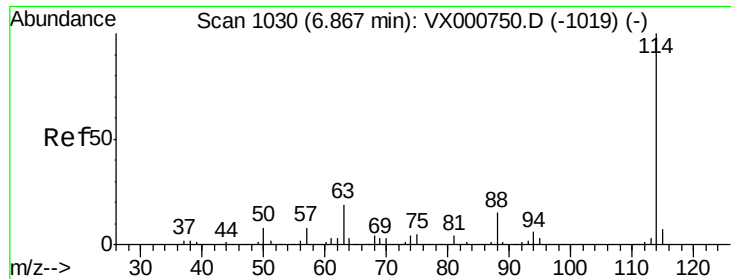
67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

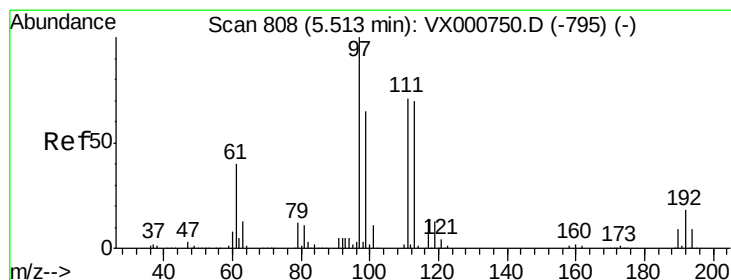
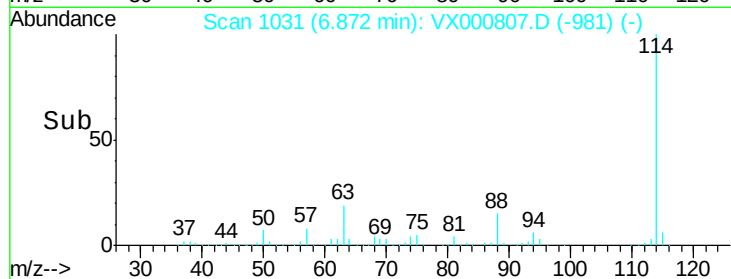
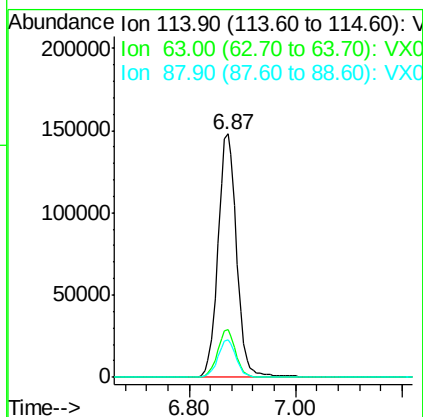
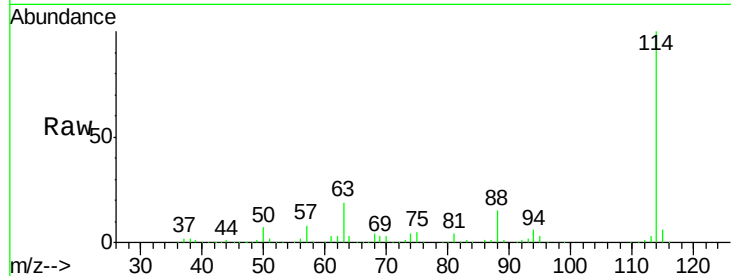




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000807.D
 Acq: 12 Apr 2018 17:23

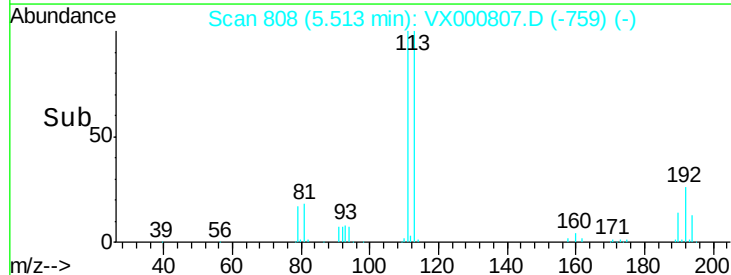
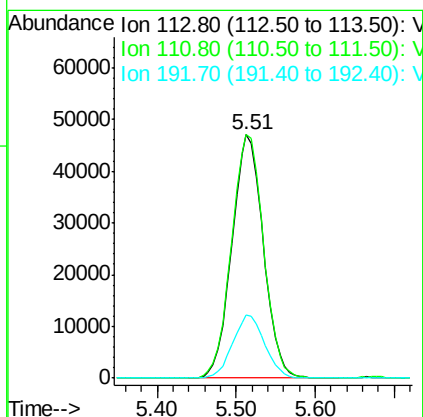
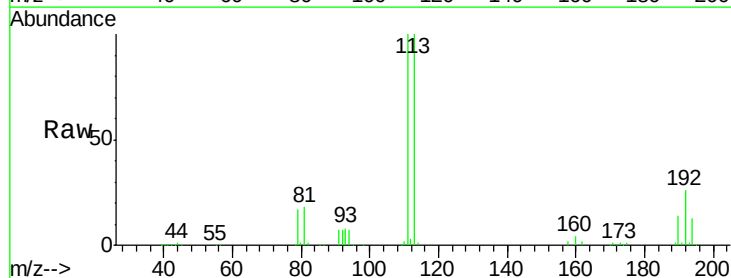
Instrument :
 MSVOA_X
 ClientSampleId :
 F-4-09-18

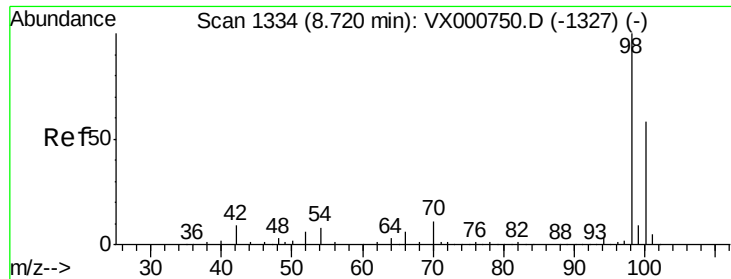
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.4
88	15.4	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000807.D
 Acq: 12 Apr 2018 17:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.5	122.3
192	26.4	20.4	30.6

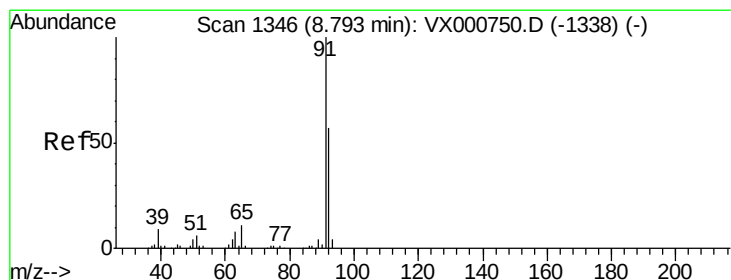
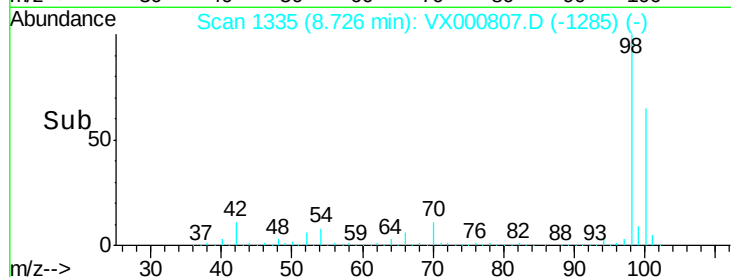
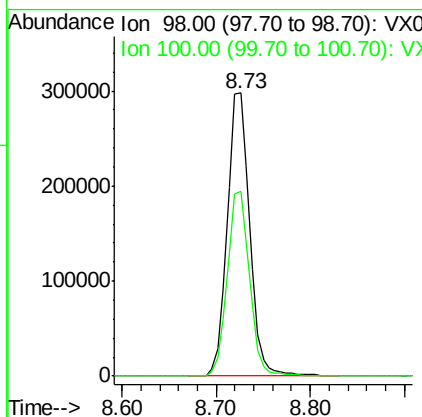
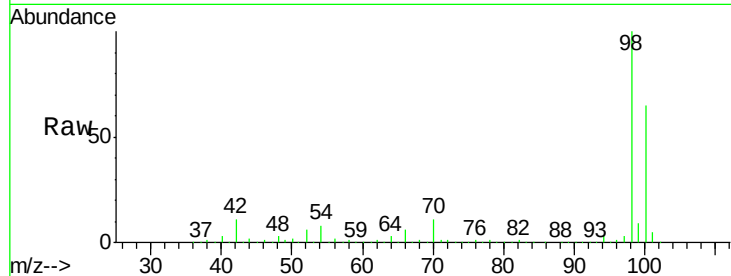




#50
Toluene-d8
Concen: 47.48 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000807.D
Acq: 12 Apr 2018 17:23

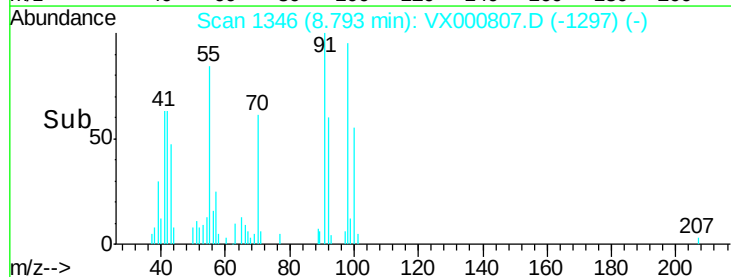
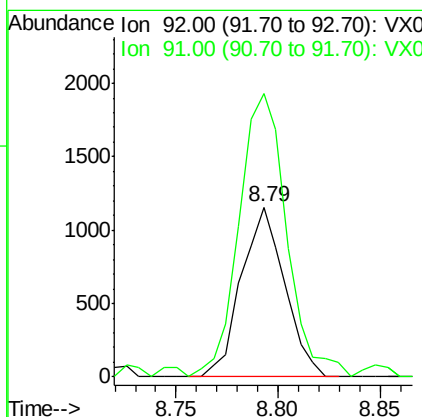
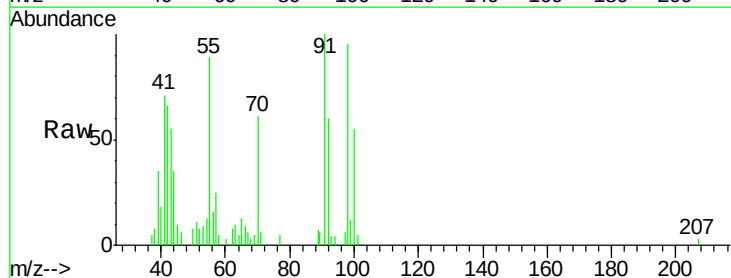
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18

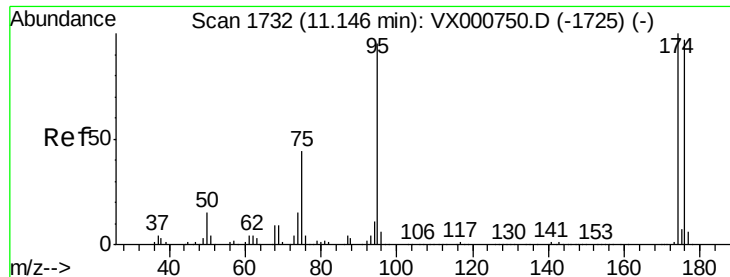
Tot Ion: 98 Resp: 493647
Ion Ratio Lower Upper
98 100
100 64.8 52.6 79.0



#52
Toluene
Concen: 0.23 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000807.D
Acq: 12 Apr 2018 17:23

Tgt Ion: 92 Resp: 1711
Ion Ratio Lower Upper
92 100
91 182.4 139.0 208.4

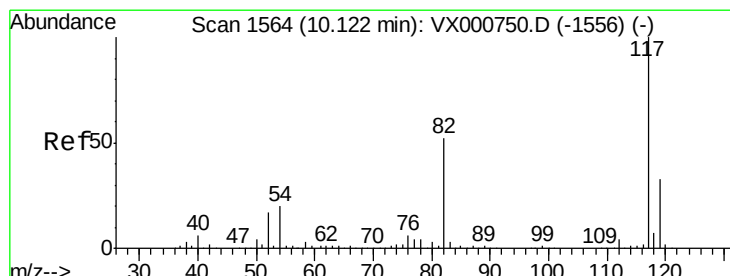
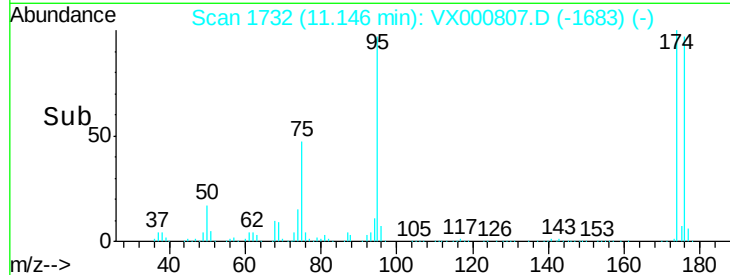
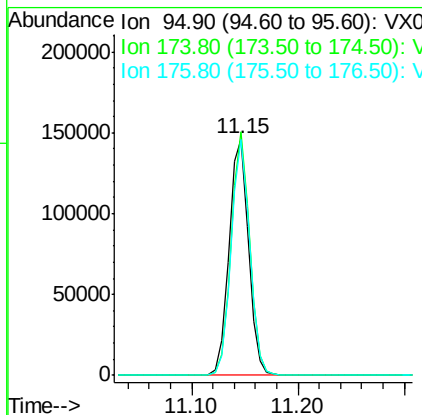
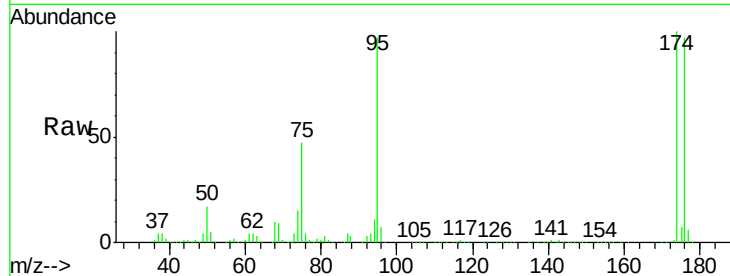




#62
4-Bromofluorobenzene
Concen: 43.67 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000807.D
Acq: 12 Apr 2018 17:23

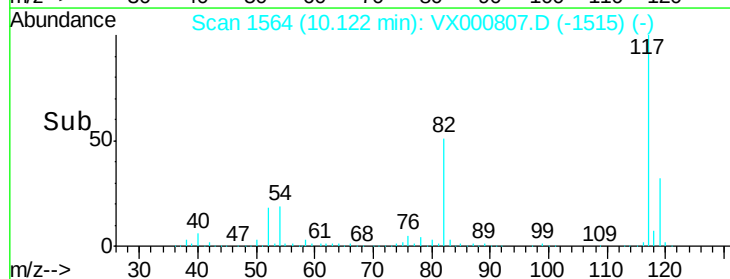
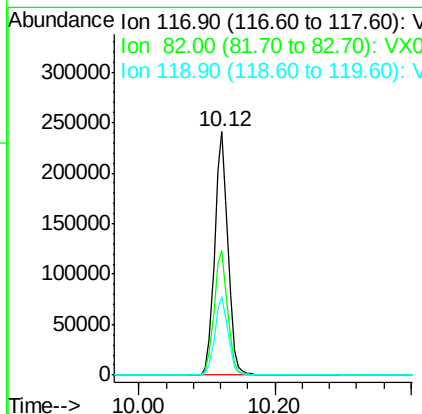
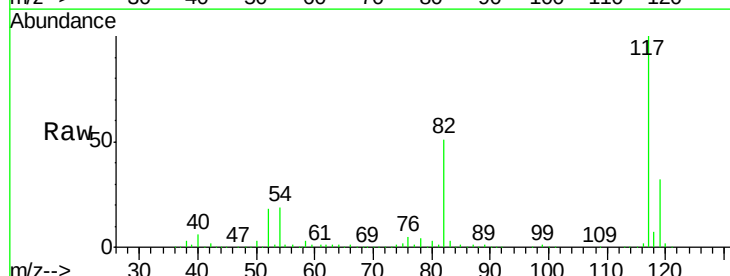
Instrument :
MSVOA_X
ClientSampled :
F-4-09-18

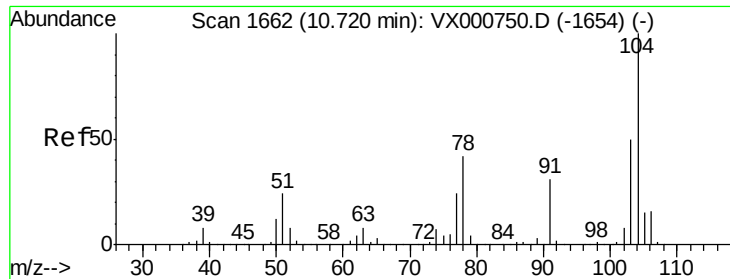
Tot Ion: 95 Resp: 187843
Ion Ratio Lower Upper
95 100
174 98.3 0.0 198.4
176 95.5 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000807.D
Acq: 12 Apr 2018 17:23

Tgt Ion: 117 Resp: 325483
Ion Ratio Lower Upper
117 100
82 51.3 41.9 62.9
119 32.2 26.0 39.0

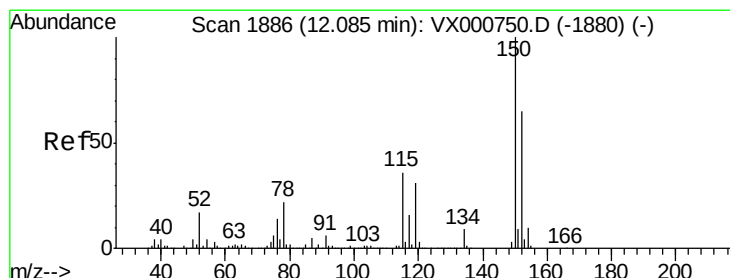
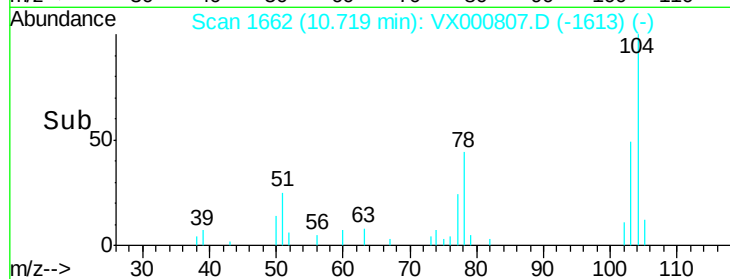
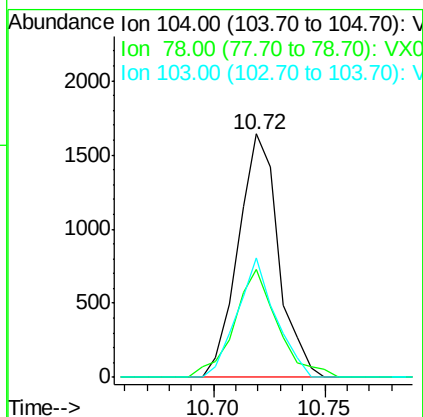
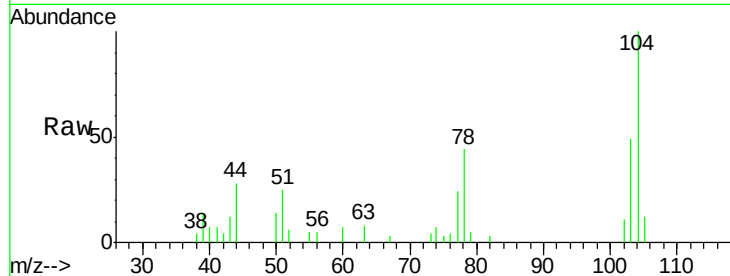




#70
Stvrene
Concen: 0.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000807.D
Acq: 12 Apr 2018 17:23

Instrument :
MSVOA_X
ClientSampled :
F-4-09-18

Tot Ion:104 Resp: 2069
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 46.6 44.1 66.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000807.D
Acq: 12 Apr 2018 17:23

Tgt Ion:152 Resp: 204201
Ion Ratio Lower Upper
152 100
115 52.8 37.9 113.7
150 154.6 0.0 348.0

