

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
 Data File : VX000817.D
 Acq On : 12 Apr 2018 22:30
 Operator : JC/MD
 Sample : VX0412WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL02

Quant Time: Apr 13 06:58:35 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	5.67	168	281532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	367493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	332648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214875	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	160362	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
35) Dibromofluoromethane	5.51	113	130779	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	8.72	98	506725	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.15	95	197589	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	

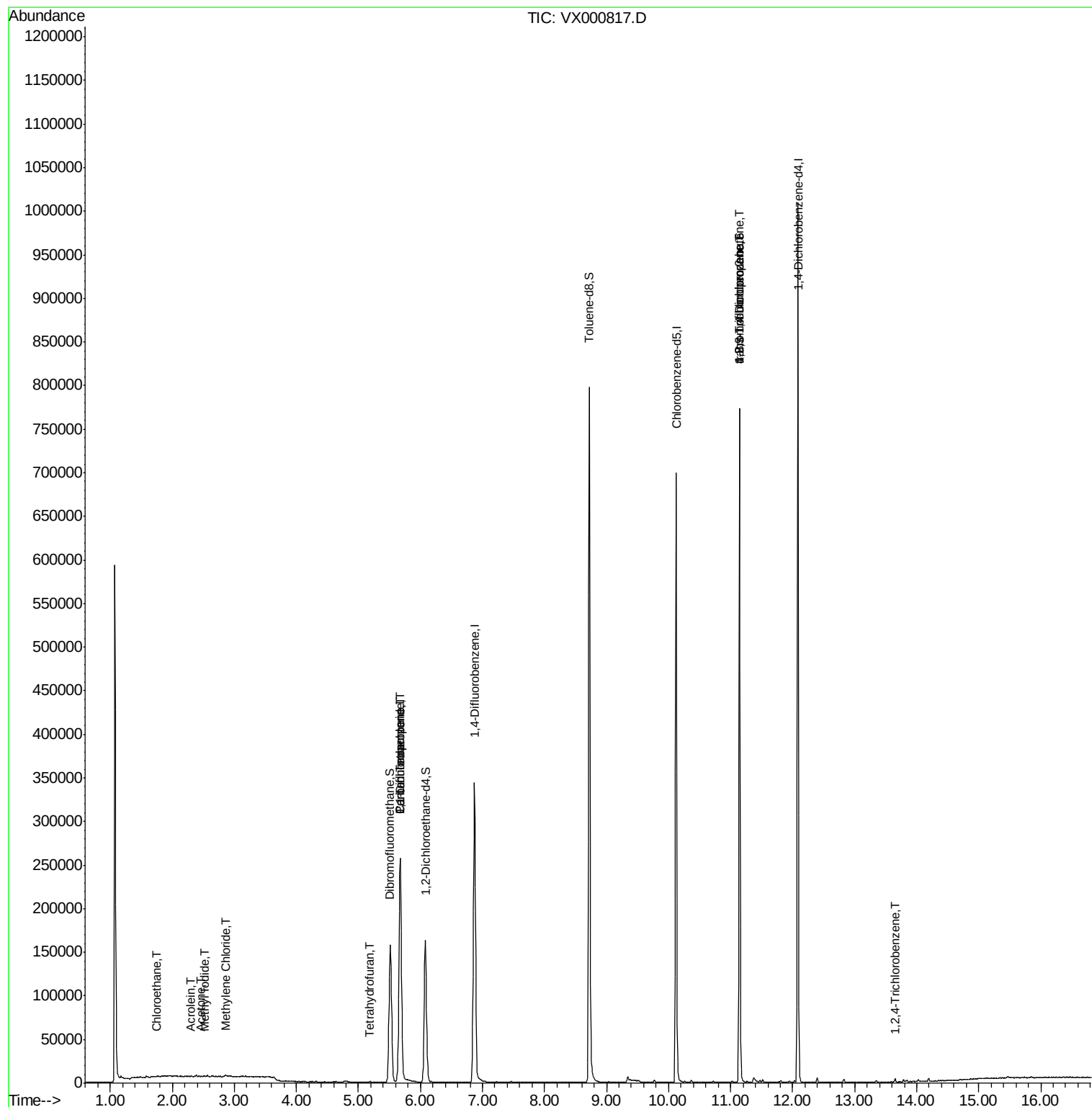
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	581	Below Cal	#	74
6) Chloroethane	1.74	64	2645	1.42	ug/l #	57
10) Methyl Iodide	2.51	142	283	8.34	ug/l	95
13) Acrolein	2.29	56	83	0.27	ug/l #	1
16) Acetone	2.45	43	399	0.33	ug/l	95
20) Methylene Chloride	2.86	84	630	0.22	ug/l #	65
29) Tetrahydrofuran	5.18	42	512	0.40	ug/l #	78
36) 1,1-Dichloropropene	5.67	75	16541	4.09	ug/l #	49
38) Carbon Tetrachloride	5.67	117	24038	5.31	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	95782	25.85	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	95782	71.10	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.65	180	1272	0.21	ug/l	94

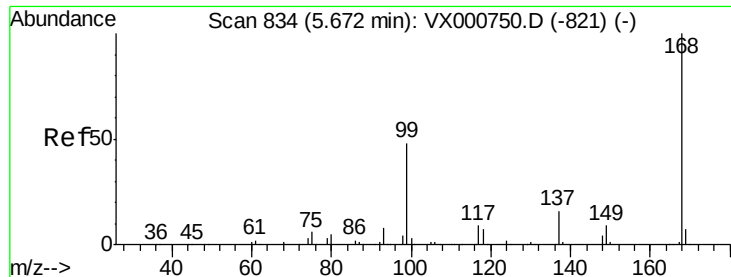
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041218\
Data File : VX000817.D
Acq On : 12 Apr 2018 22:30
Operator : JC/MD
Sample : VX0412WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL02

Quant Time: Apr 13 06:58:35 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

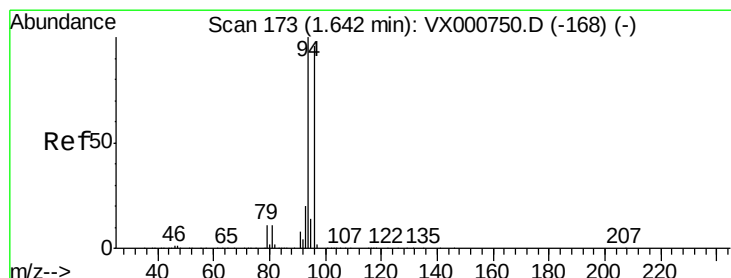
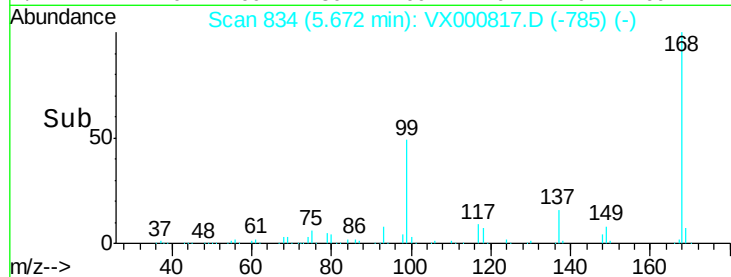
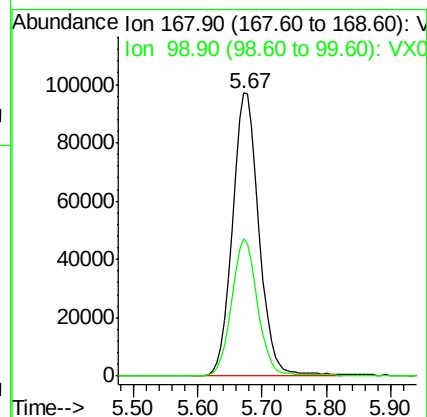
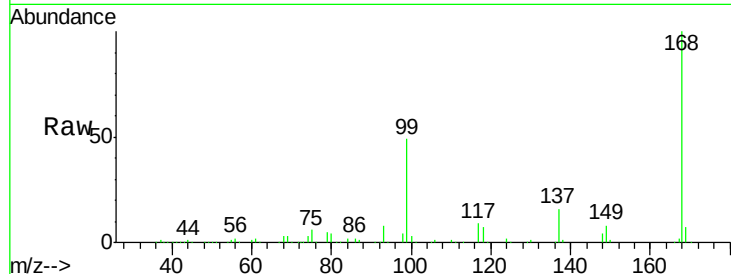




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX000817.D
Acq: 12 Apr 2018 22:30

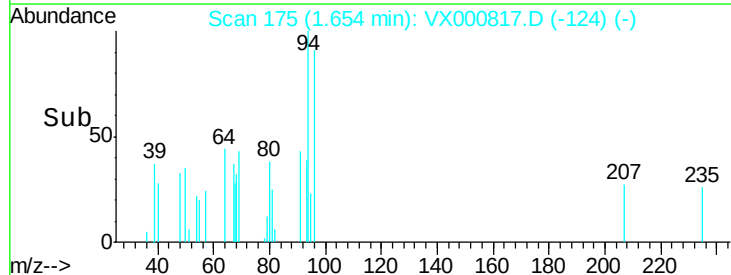
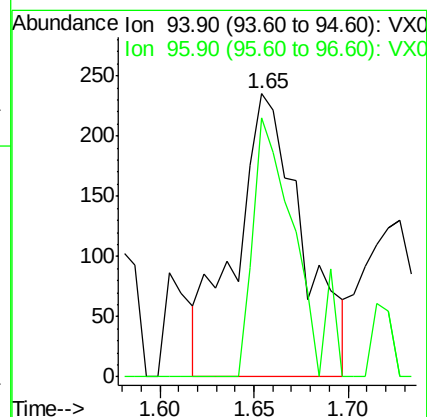
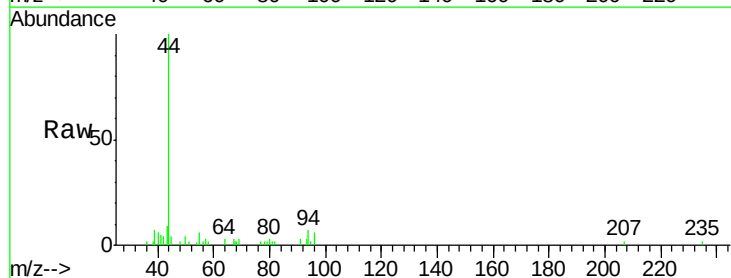
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL02

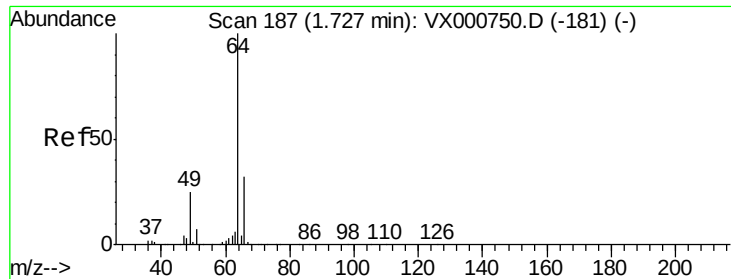
Tgt Ion:168 Resp: 281532
Ion Ratio Lower Upper
168 100
99 48.6 38.3 57.5



#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.01 min
Lab File: VX000817.D
Acq: 12 Apr 2018 22:30

Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 122.2 77.0 115.6#





#6

Chloroethane

Concen: 1.42 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

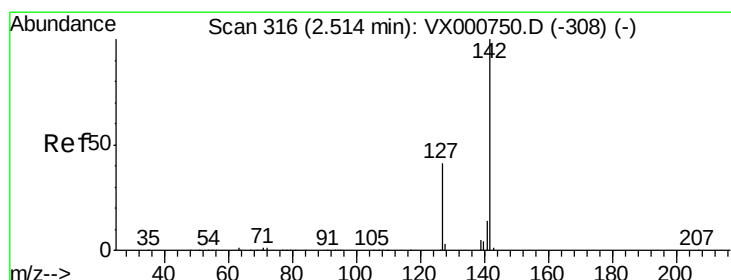
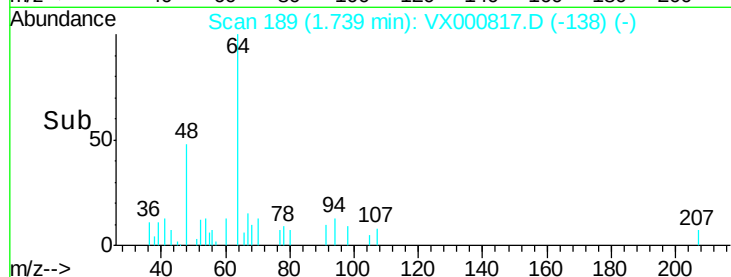
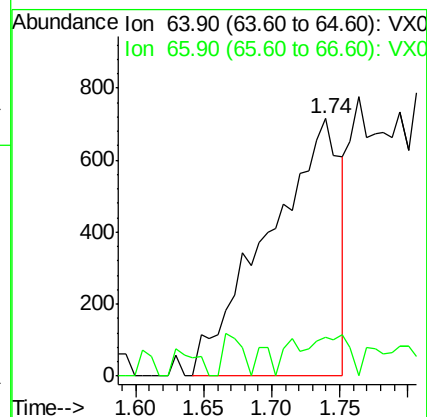
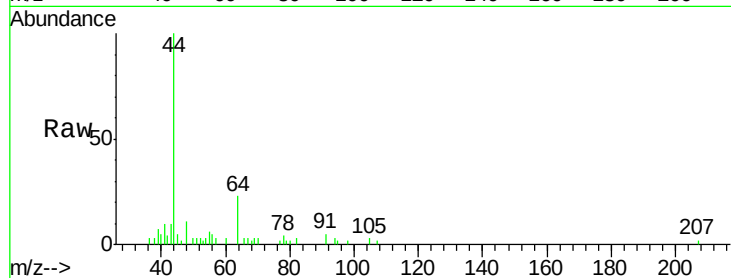
VX0412WBL02

Tgt Ion: 64 Resp: 2645

Ion Ratio Lower Upper

64 100

66 7.8 25.3 37.9#



#10

Methyl Iodide

Concen: 8.34 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

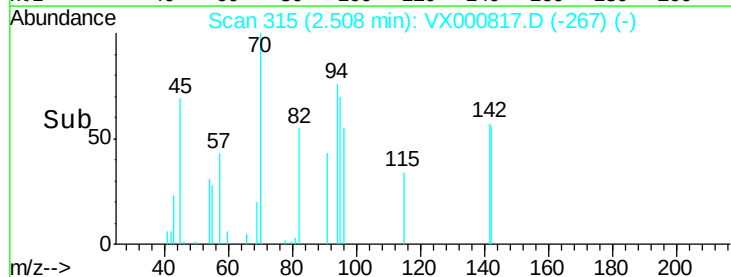
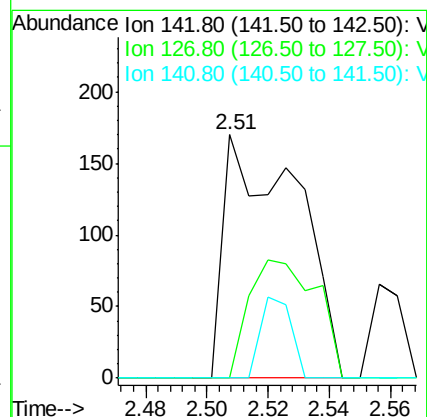
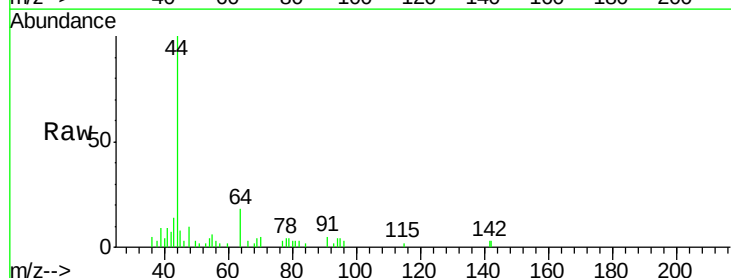
Tgt Ion: 142 Resp: 283

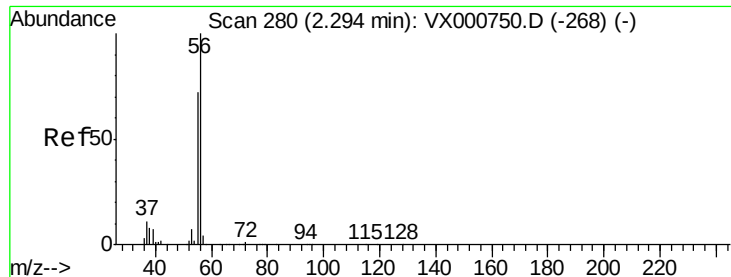
Ion Ratio Lower Upper

142 100

127 44.9 32.6 49.0

141 14.1 11.5 17.3





#13

Acrolein

Concen: 0.27 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

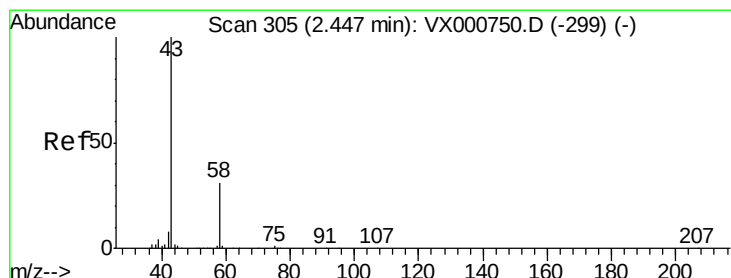
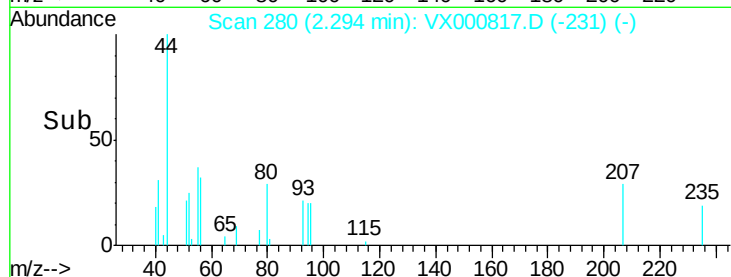
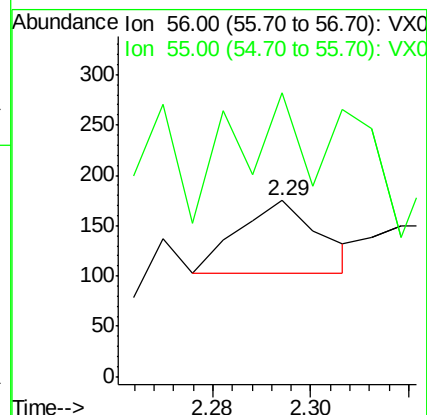
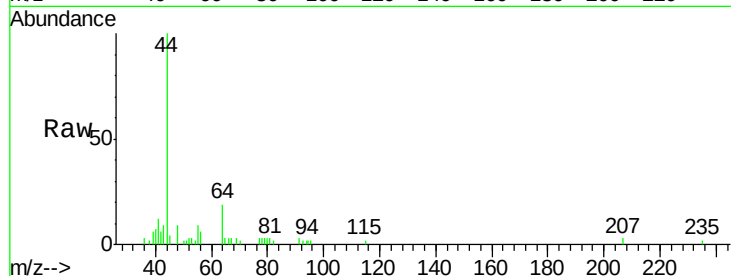
VX0412WBL02

Tgt Ion: 56 Resp: 83

Ion Ratio Lower Upper

56 100

55 273.5 58.7 88.1#



#16

Acetone

Concen: 0.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000817.D

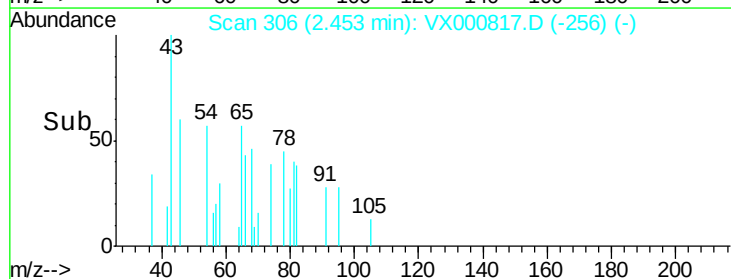
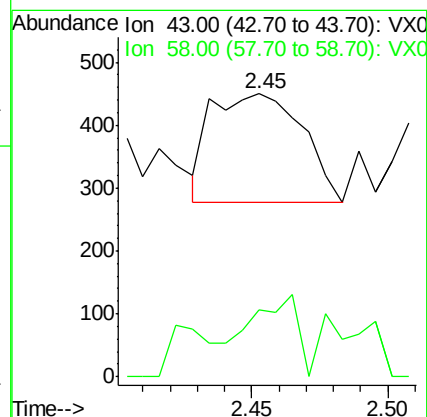
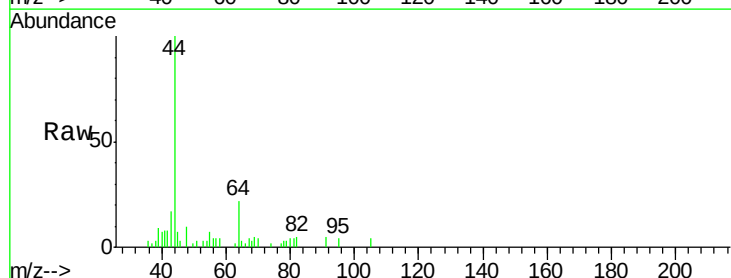
Acq: 12 Apr 2018 22:30

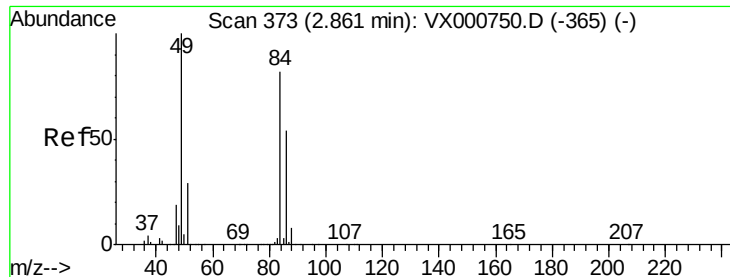
Tgt Ion: 43 Resp: 399

Ion Ratio Lower Upper

43 100

58 27.9 24.6 37.0





#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL02

Tgt Ion: 84 Resp: 630

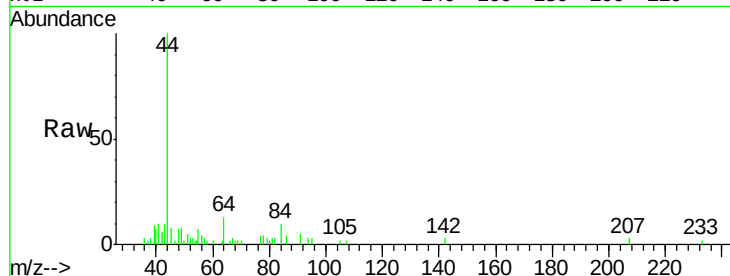
Ion Ratio Lower Upper

84 100

49 74.9 98.1 147.1#

51 47.5 28.9 43.3#

86 43.1 52.7 79.1#

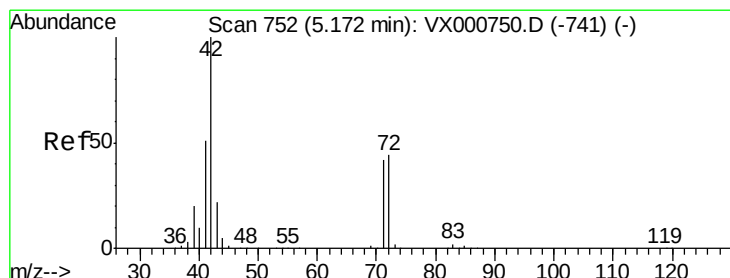
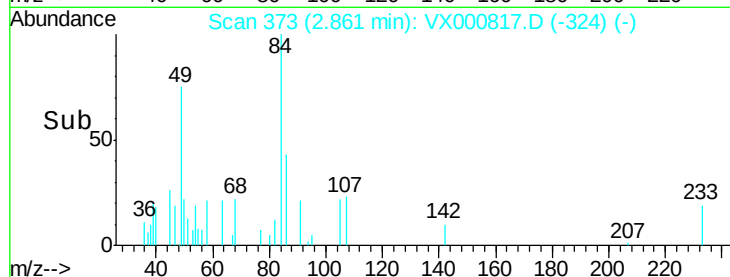
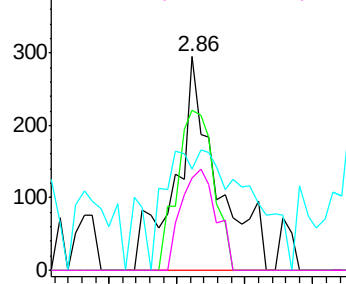


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

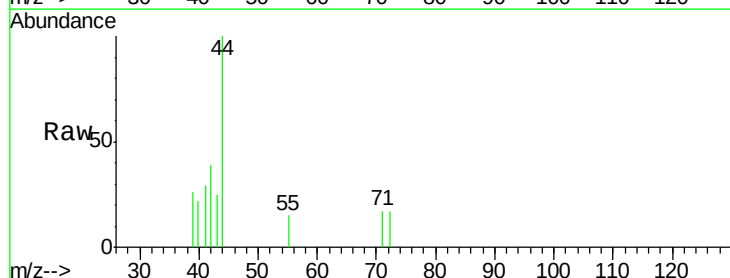
Tgt Ion: 42 Resp: 512

Ion Ratio Lower Upper

42 100

72 19.3 35.1 52.7#

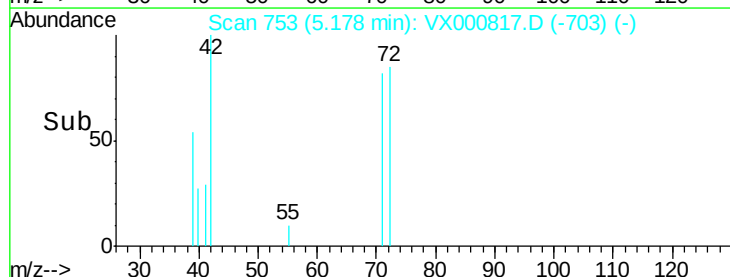
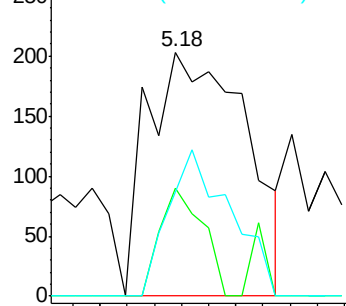
71 37.9 32.8 49.2

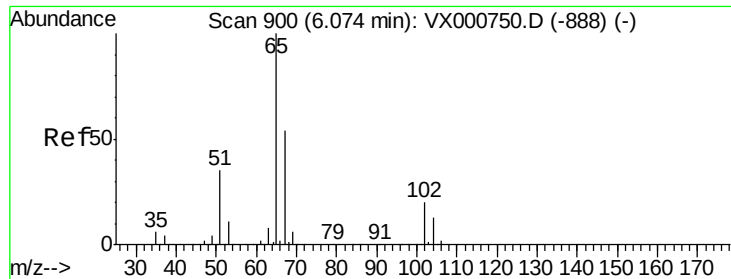


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

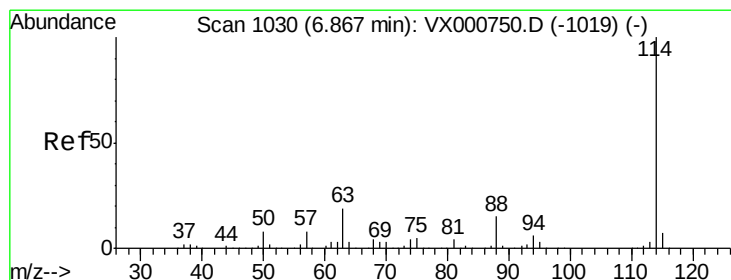
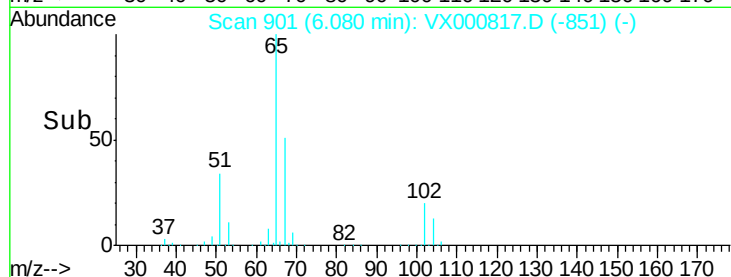
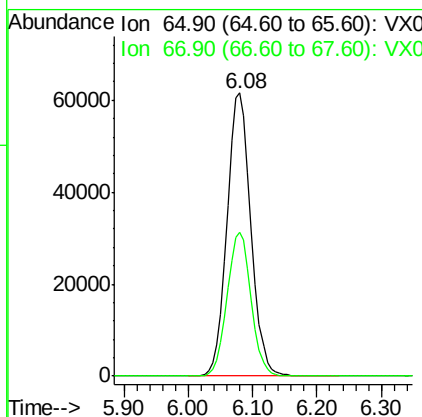
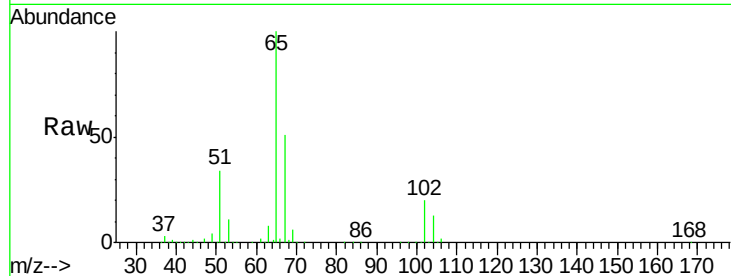




#33
 1,2-Dichloroethane-d4
 Concen: 45.17 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000817.D
 Acq: 12 Apr 2018 22:30

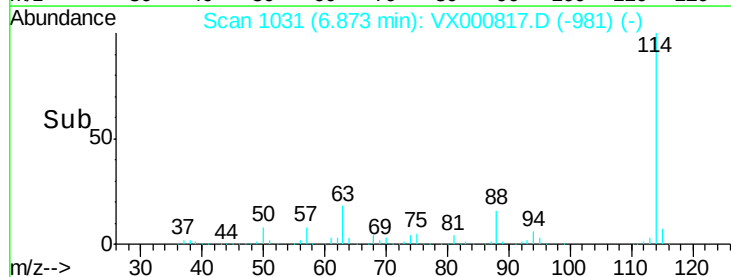
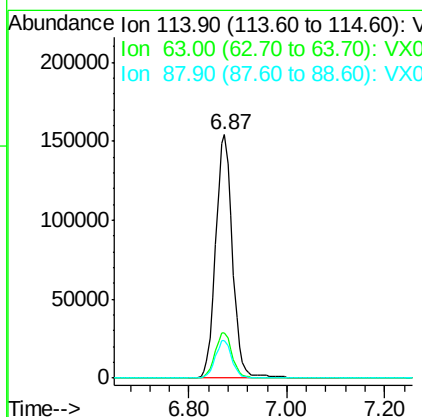
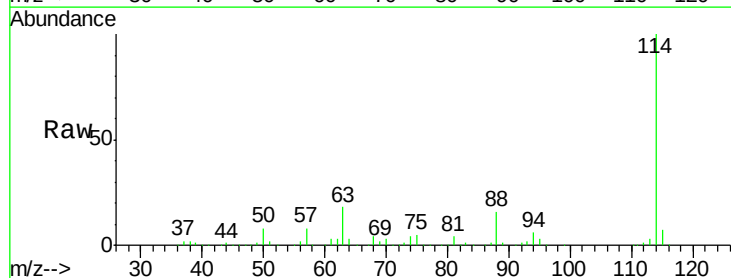
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL02

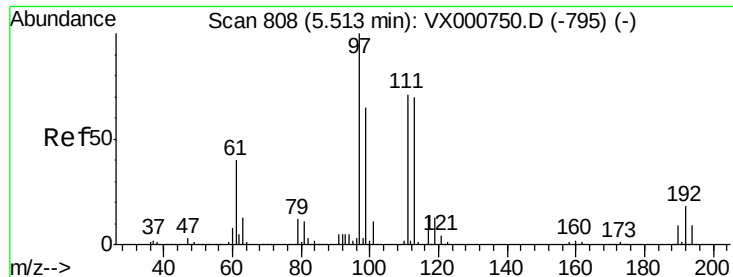
Tgt Ion: 65 Resp: 160362
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000817.D
 Acq: 12 Apr 2018 22:30

Tgt Ion: 114 Resp: 367493
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 15.6 0.0 31.0

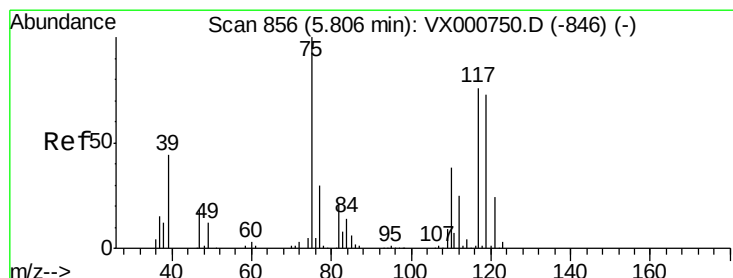
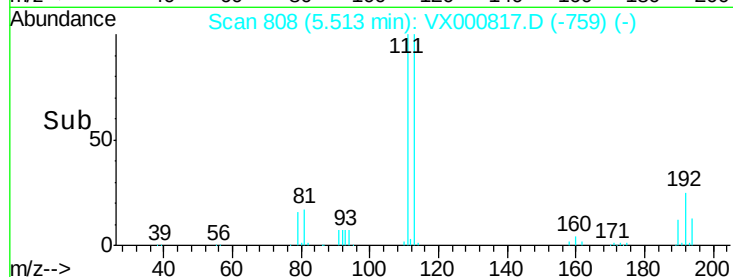
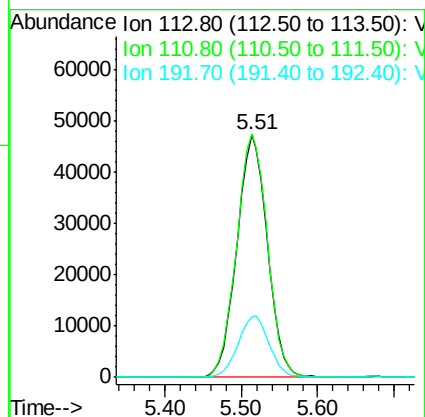
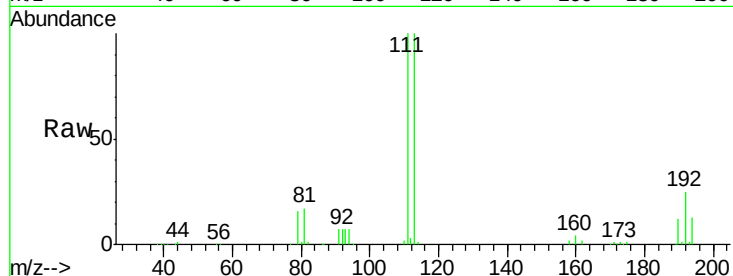




#35
 Dibromofluoromethane
 Concen: 46.19 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000817.D
 Acq: 12 Apr 2018 22:30

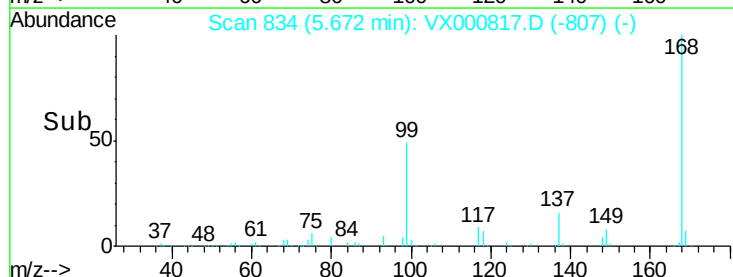
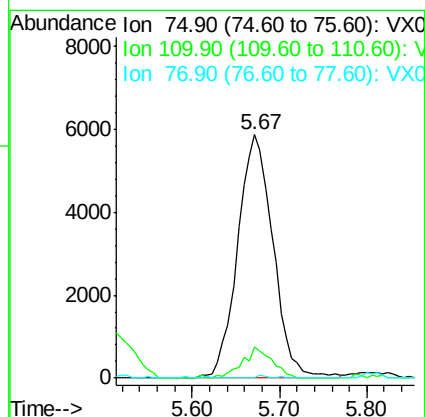
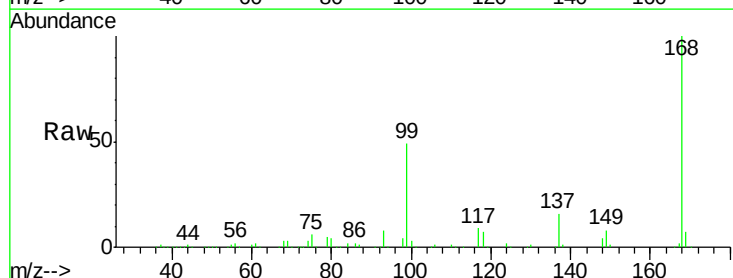
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL02

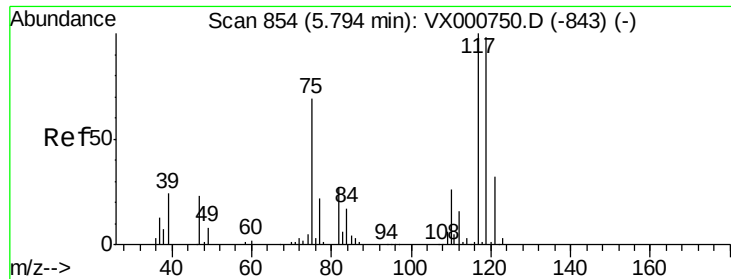
Tgt Ion:113 Resp: 130779
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 25.8 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 4.09 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX000817.D
 Acq: 12 Apr 2018 22:30

Tgt Ion: 75 Resp: 16541
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.2 57.6#
 77 0.3 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.31 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL02

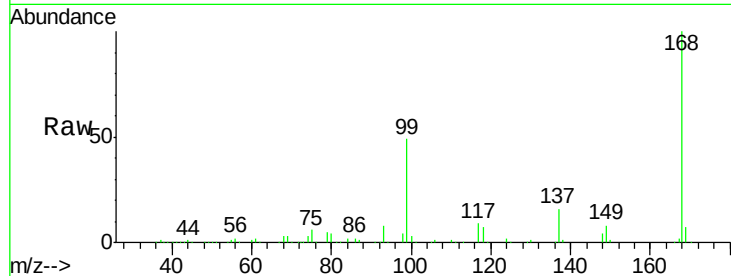
Tgt Ion: 117 Resp: 24038

Ion Ratio Lower Upper

117 100

119 5.7 78.4 117.6#

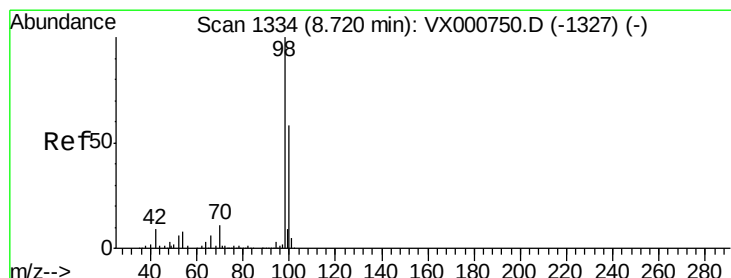
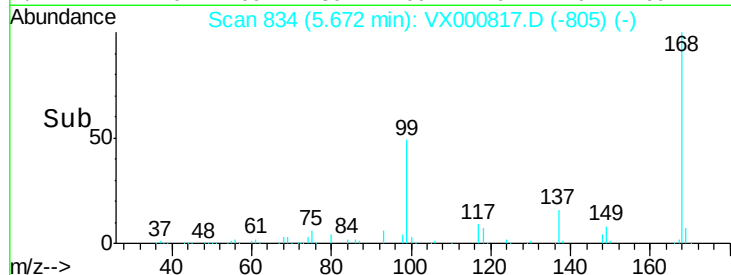
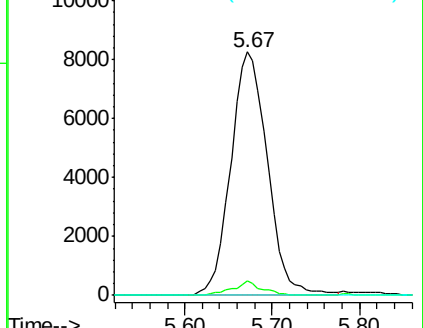
121 0.0 25.4 38.0#



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: 48.07 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000817.D

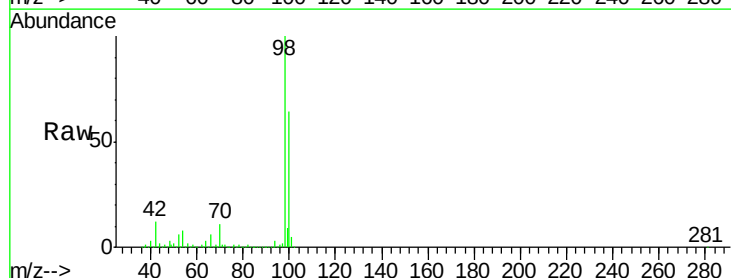
Acq: 12 Apr 2018 22:30

Tgt Ion: 98 Resp: 506725

Ion Ratio Lower Upper

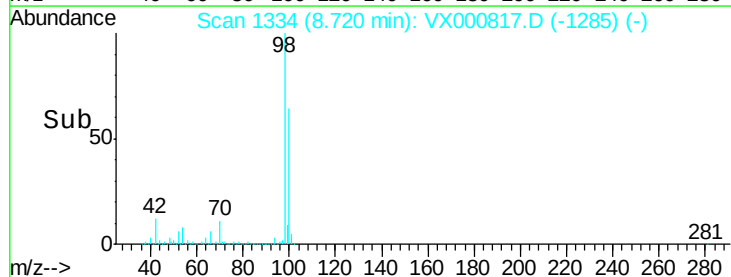
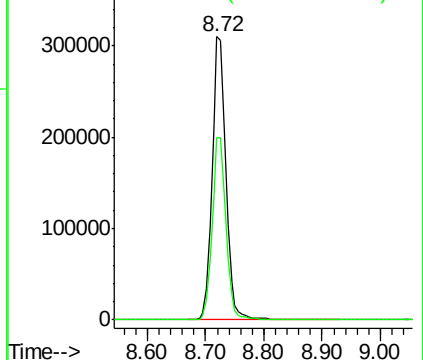
98 100

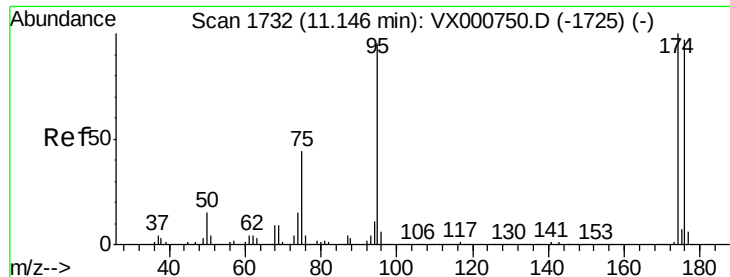
100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

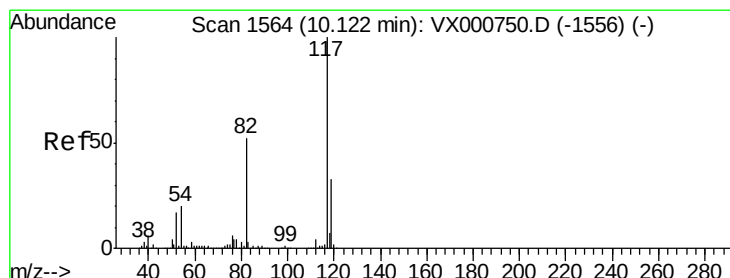
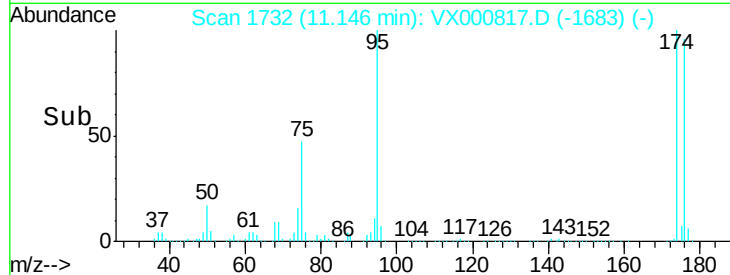
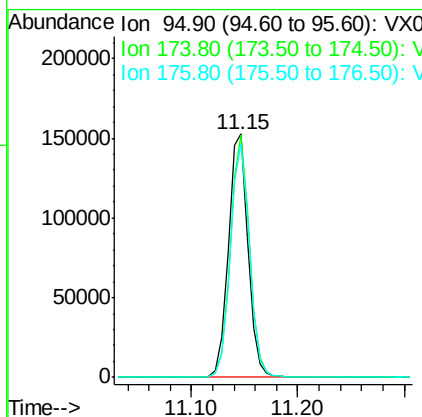
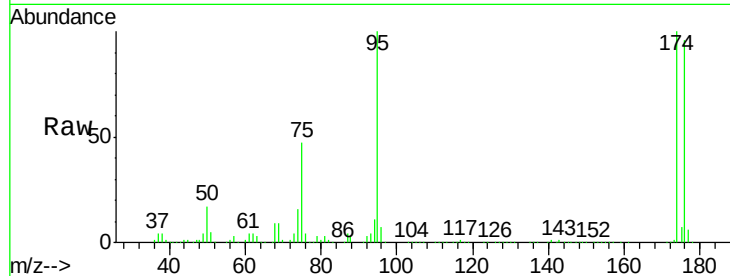




#62
4-Bromofluorobenzene
Concen: 45.30 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000817.D
Acq: 12 Apr 2018 22:30

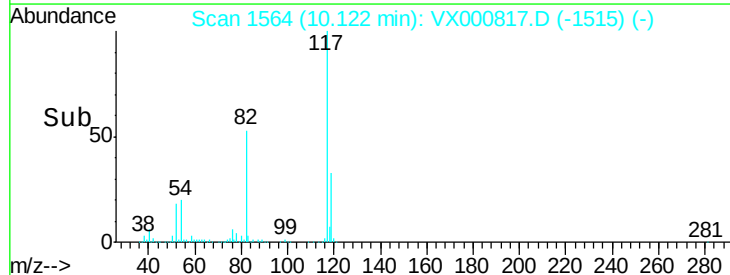
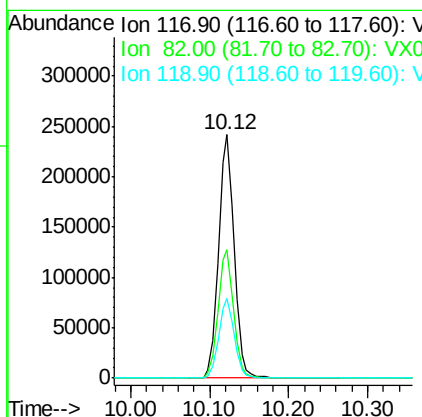
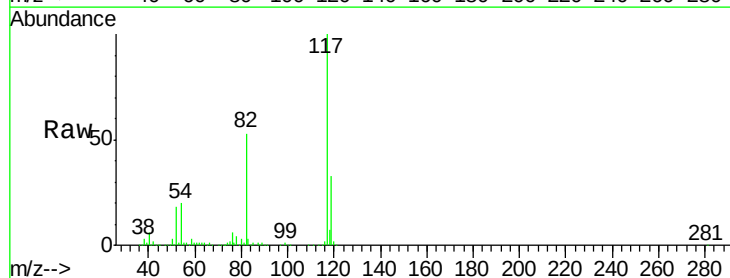
Instrument :
MSVOA_X
ClientSampleId :
VX0412WBL02

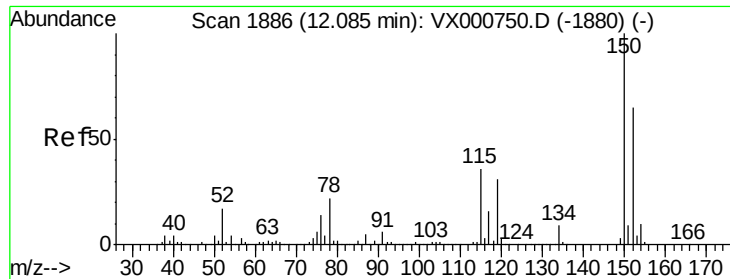
Tgt Ion: 95 Resp: 197589
Ion Ratio Lower Upper
95 100
174 96.7 0.0 198.4
176 93.7 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000817.D
Acq: 12 Apr 2018 22:30

Tgt Ion: 117 Resp: 332648
Ion Ratio Lower Upper
117 100
82 52.5 41.9 62.9
119 32.7 26.0 39.0

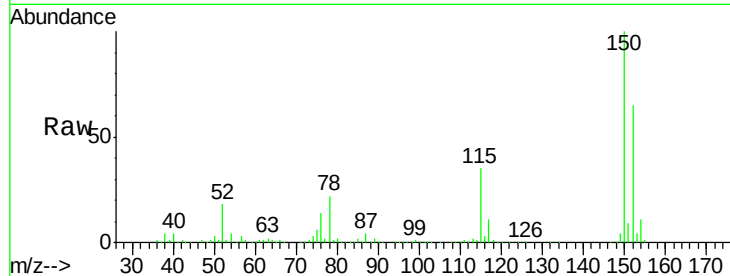




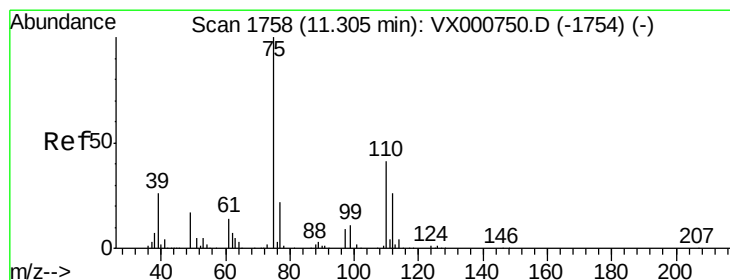
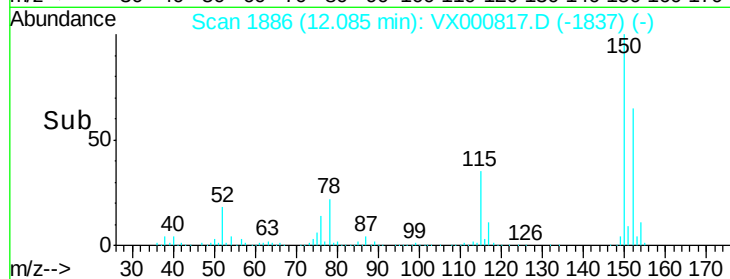
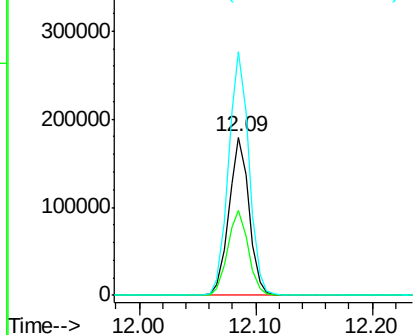
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000817.D
 Acq: 12 Apr 2018 22:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0412WBL02

Tgt Ion:152 Resp: 214875
 Ion Ratio Lower Upper
 152 100
 115 54.6 37.9 113.7
 150 156.7 0.0 348.0

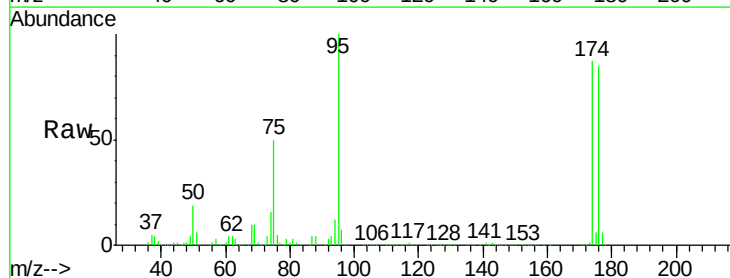


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

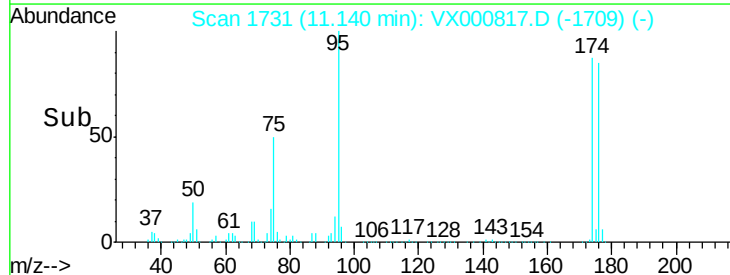
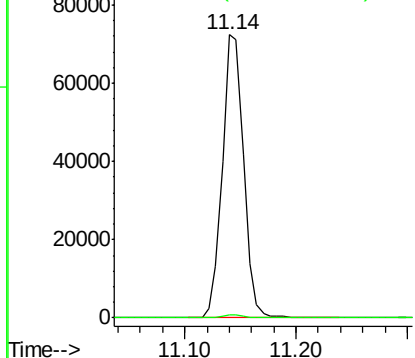


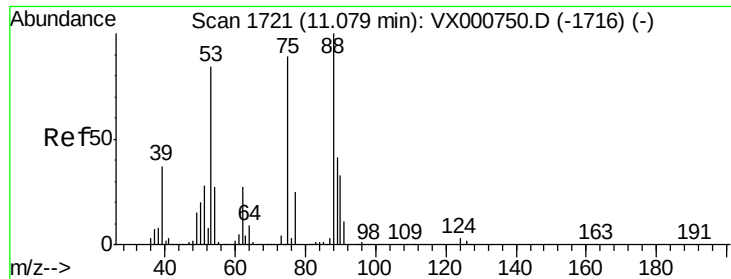
#76
 1,2,3-Trichloropropane
 Concen: 25.85 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX000817.D
 Acq: 12 Apr 2018 22:30

Tgt Ion: 75 Resp: 95782
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 71.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

Instrument :

MSVOA_X

ClientSampleId :

VX0412WBL02

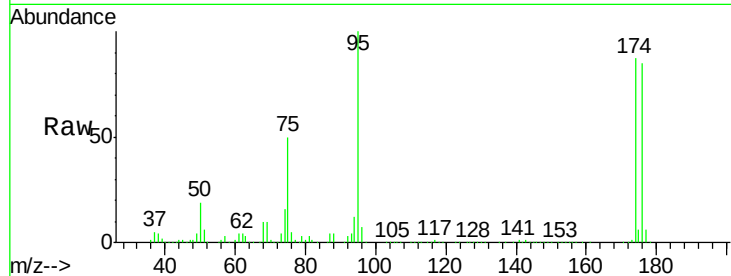
Tgt Ion: 75 Resp: 95782

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

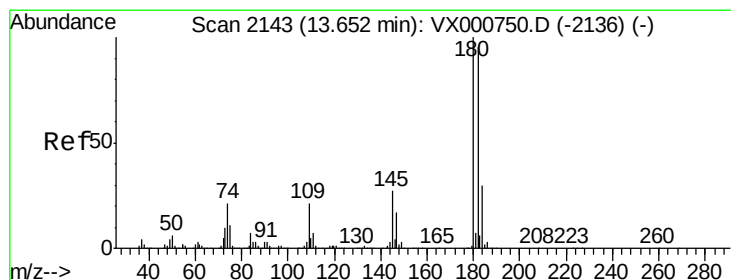
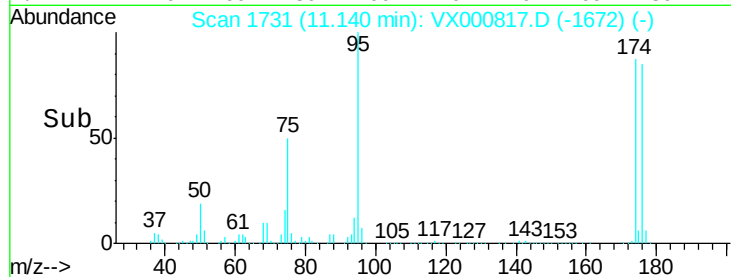
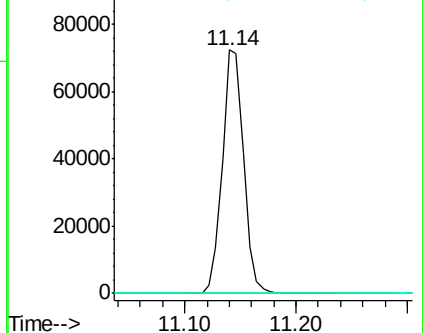
89 0.0 40.9 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#93

1,2,4-Trichlorobenzene

Concen: 0.21 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000817.D

Acq: 12 Apr 2018 22:30

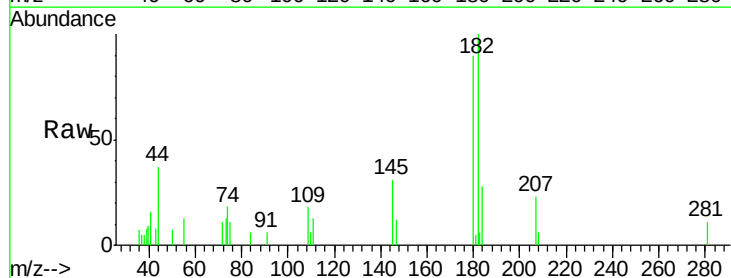
Tgt Ion: 180 Resp: 1272

Ion Ratio Lower Upper

180 100

182 89.2 47.5 142.5

145 31.7 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

