

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
 Data File : VX000948.D
 Acq On : 17 Apr 2018 04:34
 Operator : JC/MD
 Sample : PB108244ZHE#06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 17 05:54:07 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	259688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216636	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	161645	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
35) Dibromofluoromethane	5.51	113	128103	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	
50) Toluene-d8	8.72	98	505782	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.14	95	194814	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

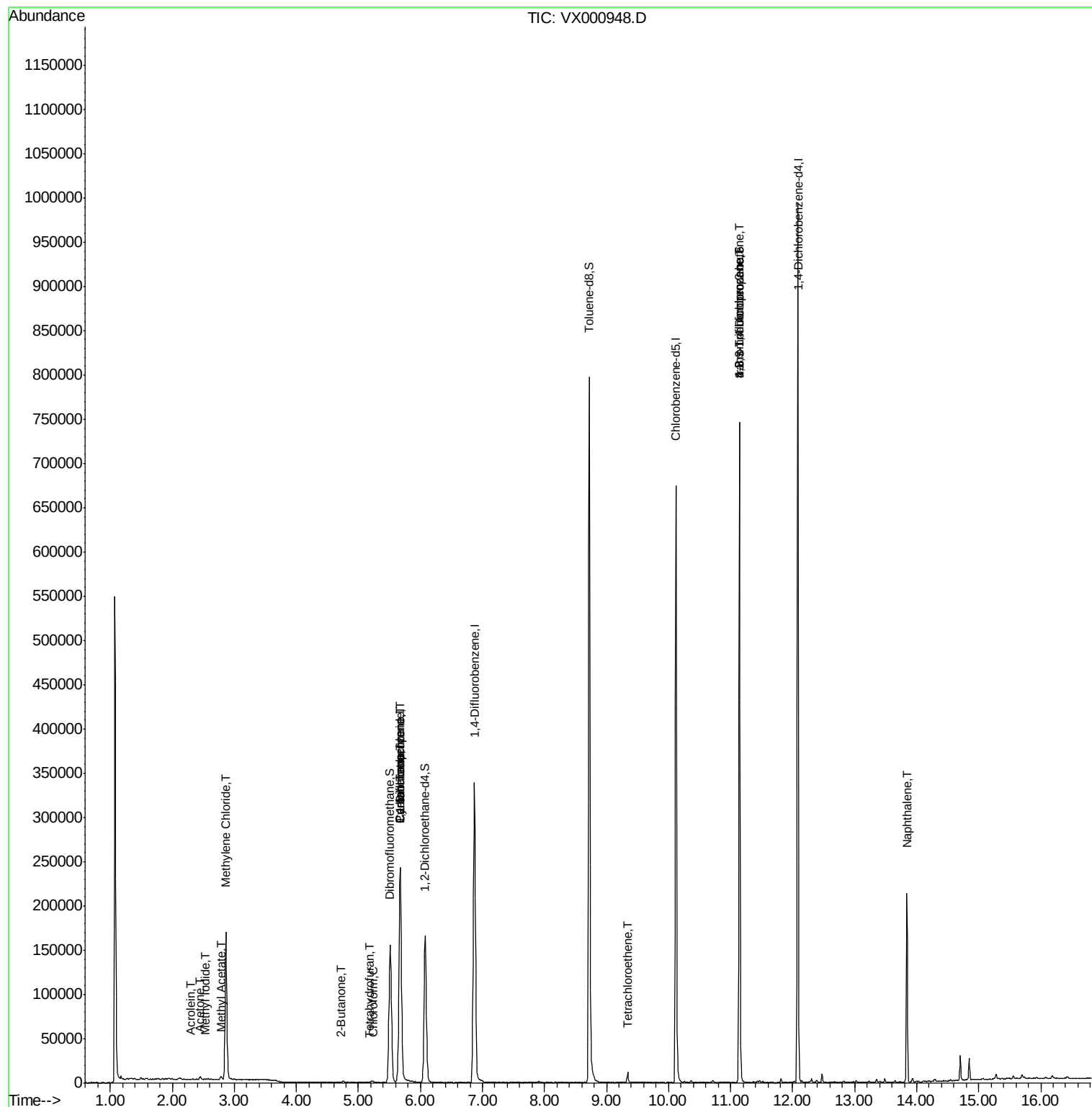
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	298	Below Cal	#	49
10) Methyl Iodide	2.53	142	70	8.260	ug/l #	42
13) Acrolein	2.29	56	173	0.613	ug/l #	13
16) Acetone	2.45	43	3289	2.913	ug/l	97
18) Methyl Acetate	2.78	43	3746	1.282	ug/l	99
20) Methylene Chloride	2.87	84	80665	30.714	ug/l	97
25) 2-Butanone	4.71	43	547	0.293	ug/l	90
29) Tetrahydrofuran	5.17	42	285	0.241	ug/l #	42
30) Chloroform	5.23	83	2178	0.453	ug/l	99
31) Cyclohexane	5.67	56	4483	1.039	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15887	3.964	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22347	4.982	ug/l #	15
64) Tetrachloroethene	9.34	164	2378	0.723	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	95560	25.577	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	95560	70.358	ug/l #	11
95) Naphthalene	13.84	128	129993	8.247	ug/l	100

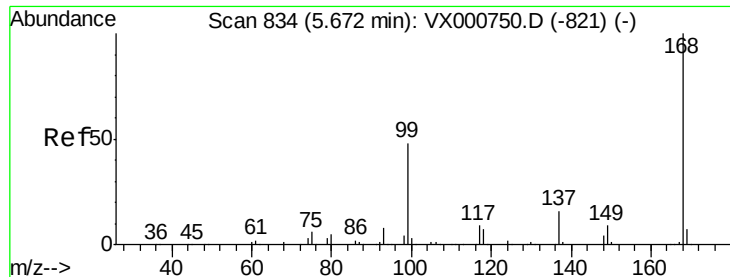
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041618\
Data File : VX000948.D
Acq On : 17 Apr 2018 04:34
Operator : JC/MD
Sample : PB108244ZHE#06 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 17 05:54:07 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: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

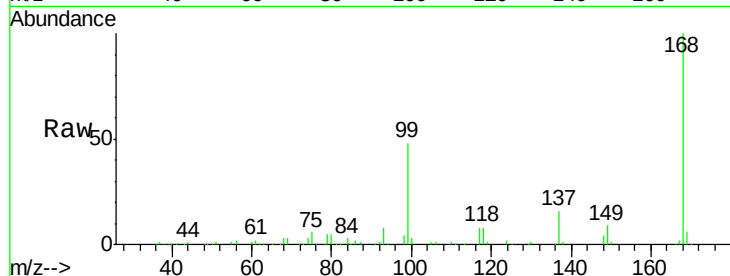
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 259688

Ion Ratio Lower Upper

168 100

99 48.0 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

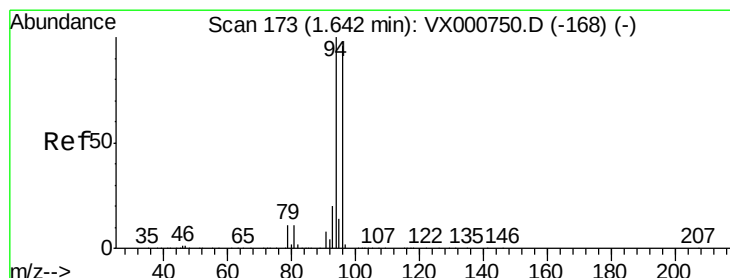
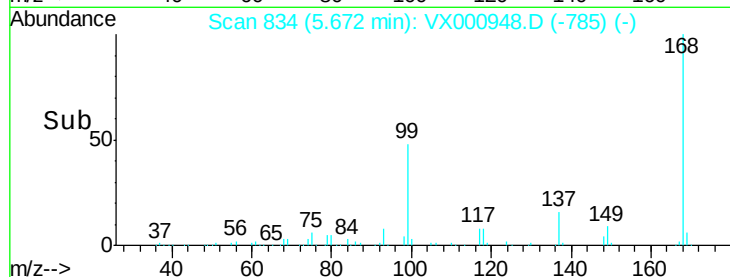
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000948.D

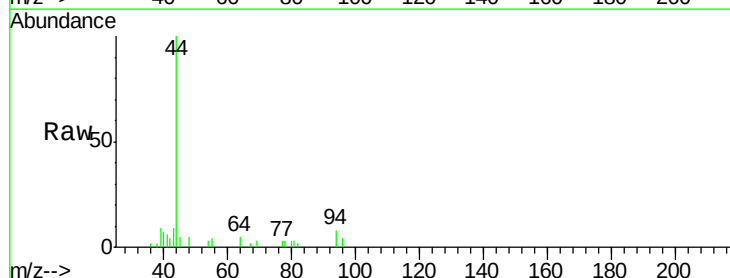
Acq: 17 Apr 2018 04:34

Tgt Ion: 94 Resp: 298

Ion Ratio Lower Upper

94 100

96 46.7 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

200

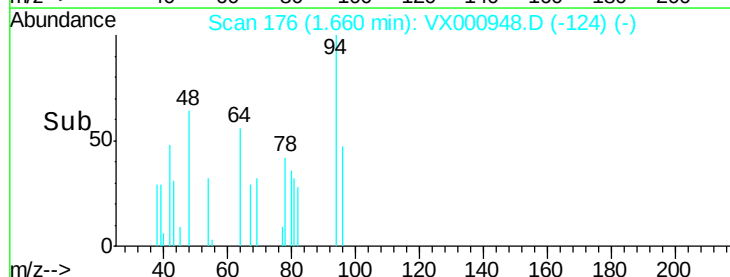
150

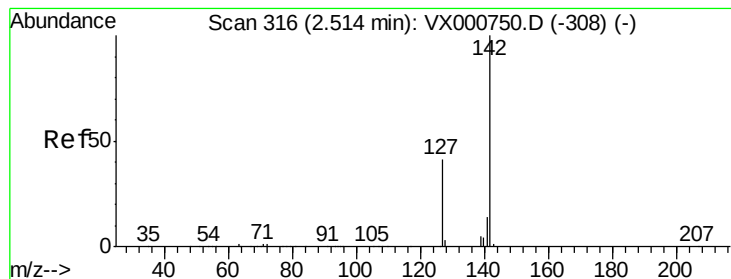
100

50

0

Time-->





#10

Methvl Iodide

Concen: 8.260 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

Instrument :

MSVOA_X

ClientSampled :

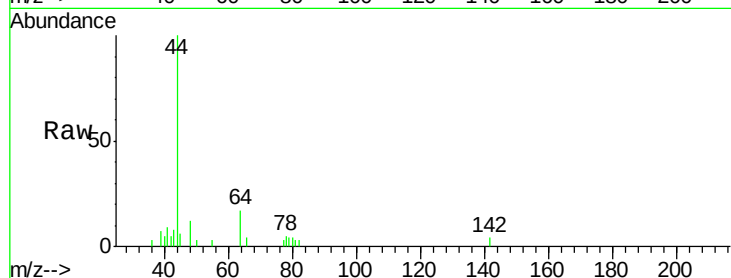
Tot Ion:142 Resp: 70

Ion Ratio Lower Upper

142 100

127 0.0 32.6 49.0#

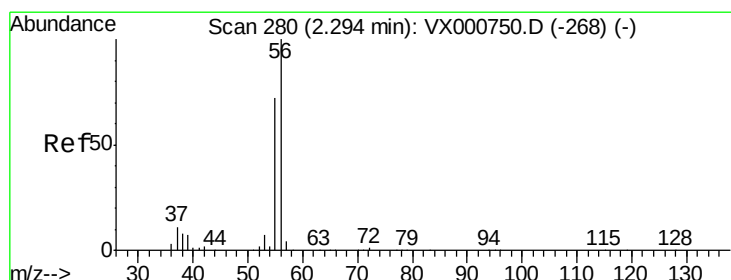
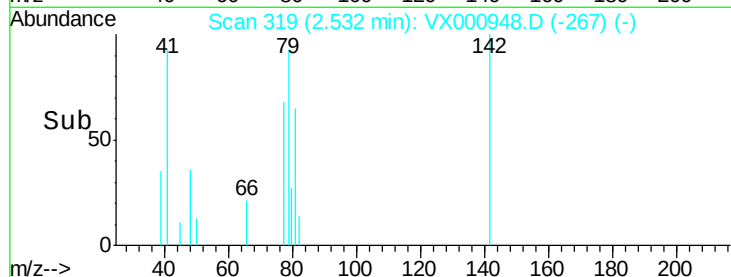
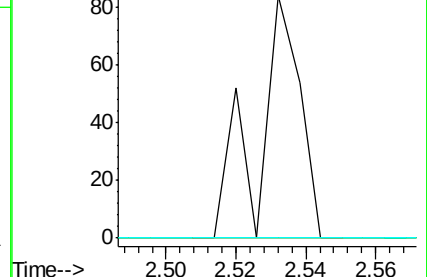
141 0.0 11.5 17.3#



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



#13

Acrolein

Concen: 0.613 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX000948.D

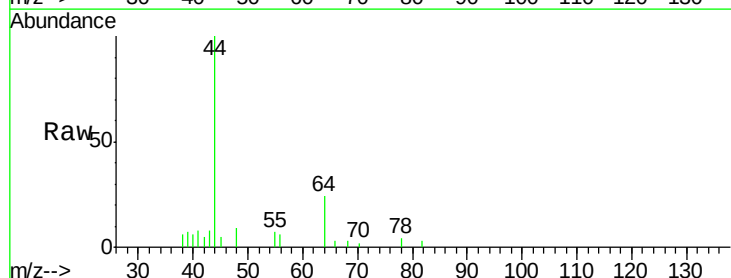
Acq: 17 Apr 2018 04:34

Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

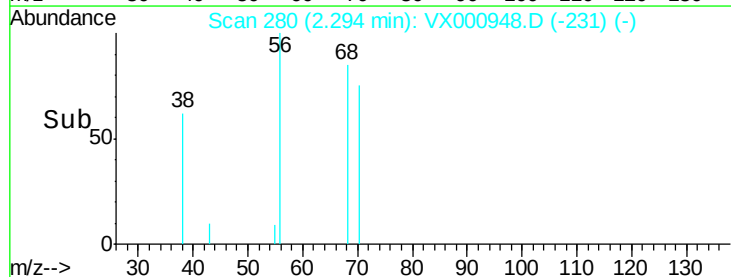
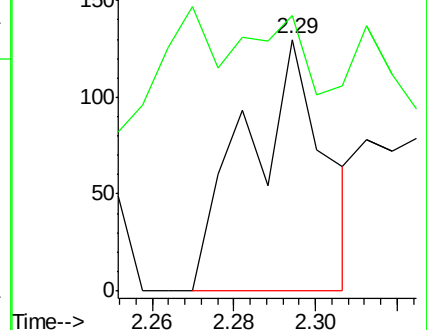
56 100

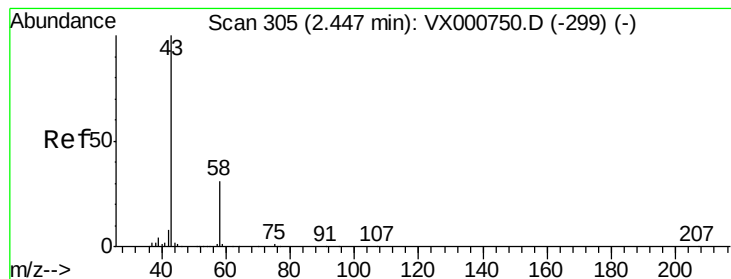
55 0.0 58.7 88.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.913 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

Instrument :

MSVOA_X

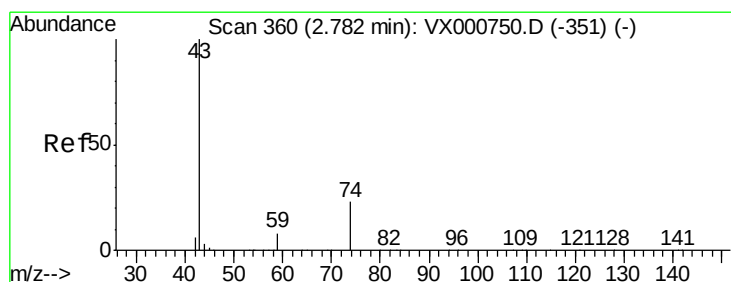
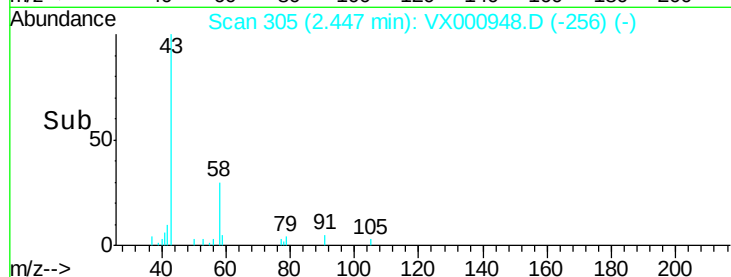
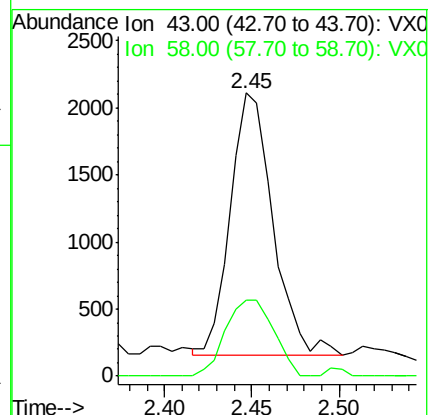
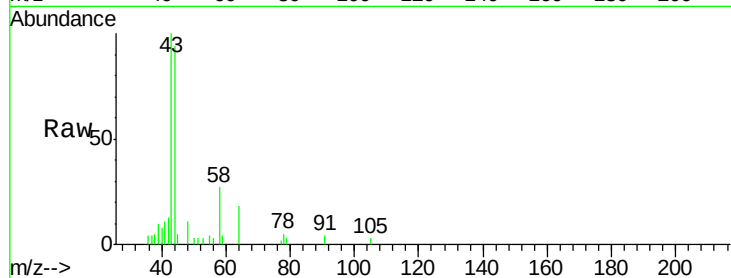
ClientSampleId :

Tot Ion: 43 Resp: 3289

Ion Ratio Lower Upper

43 100

58 29.1 24.6 37.0



#18

Methyl Acetate

Concen: 1.282 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000948.D

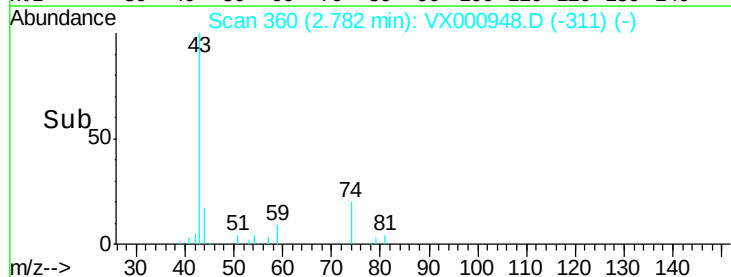
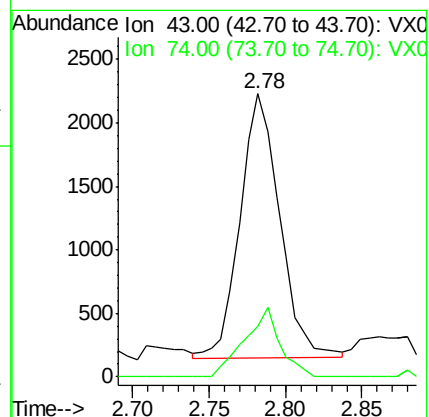
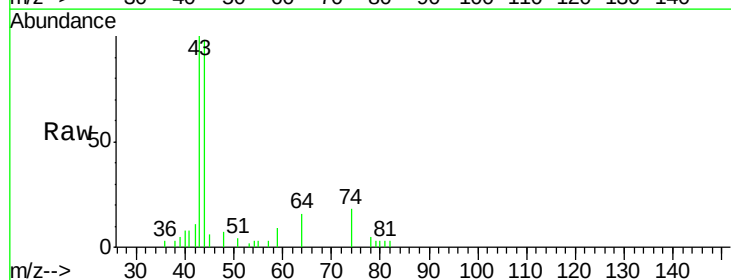
Acq: 17 Apr 2018 04:34

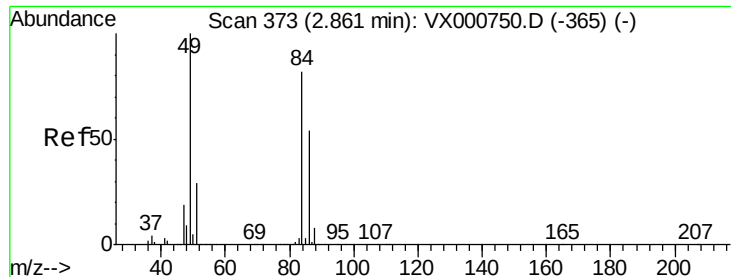
Tgt Ion: 43 Resp: 3746

Ion Ratio Lower Upper

43 100

74 23.4 19.1 28.7

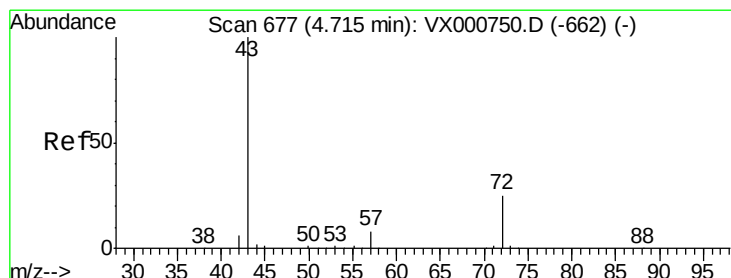
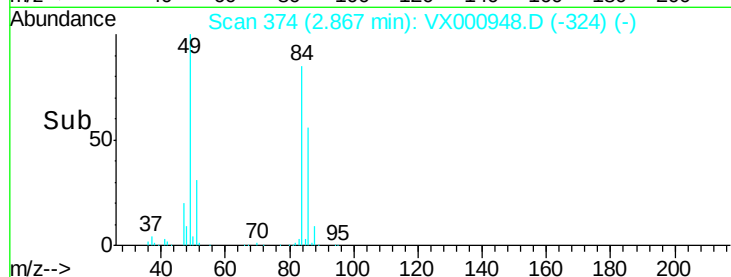
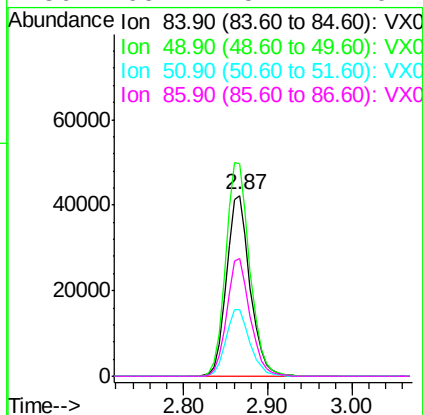
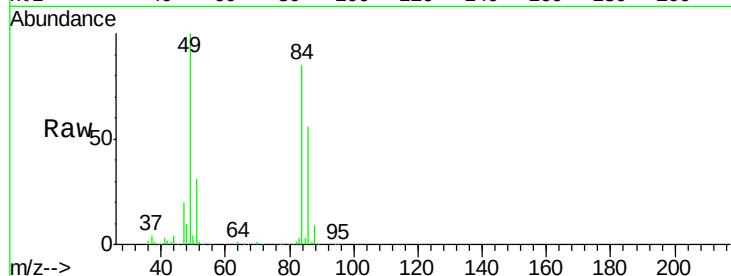




#20
Methylene Chloride
Concen: 30.714 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

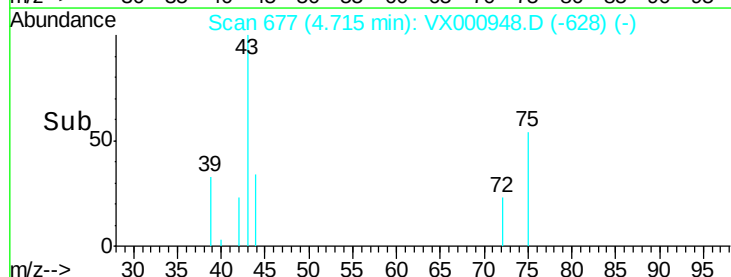
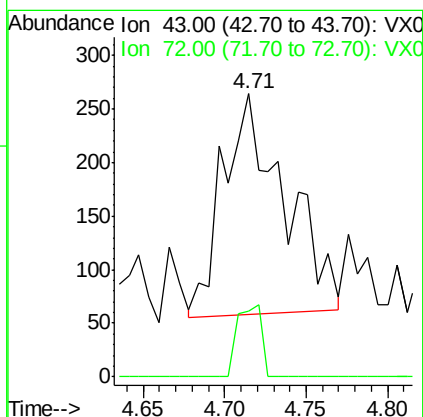
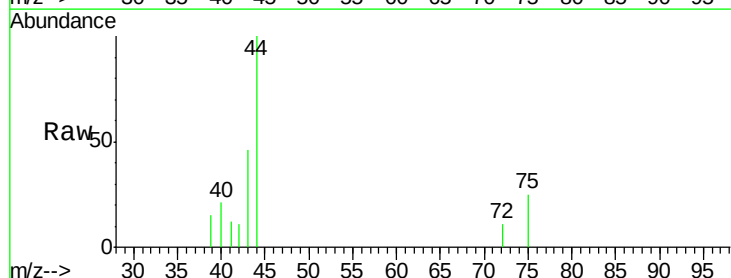
Instrument :
MSVOA_X
ClientSampleId :

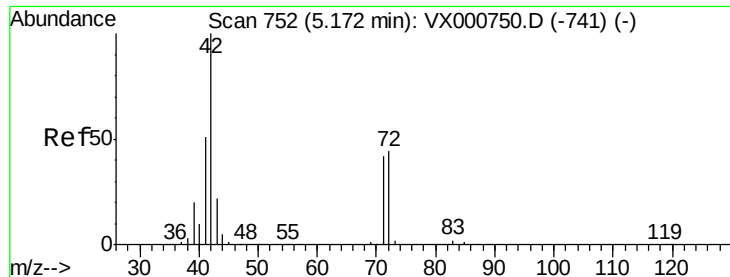
Tot Ion: 84 Resp: 80665
Ion Ratio Lower Upper
84 100
49 117.4 98.1 147.1
51 36.8 28.9 43.3
86 65.4 52.7 79.1



#25
2-Butanone
Concen: 0.293 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Tgt Ion: 43 Resp: 547
Ion Ratio Lower Upper
43 100
72 30.3 20.3 30.5





#29

Tetrahydrofuran

Concen: 0.241 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

Instrument :

MSVOA_X

ClientSampled :

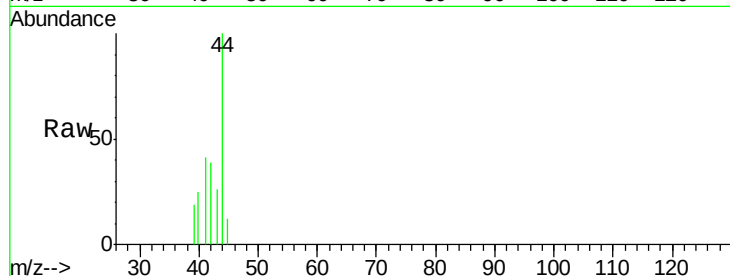
Tot Ion: 42 Resp: 285

Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

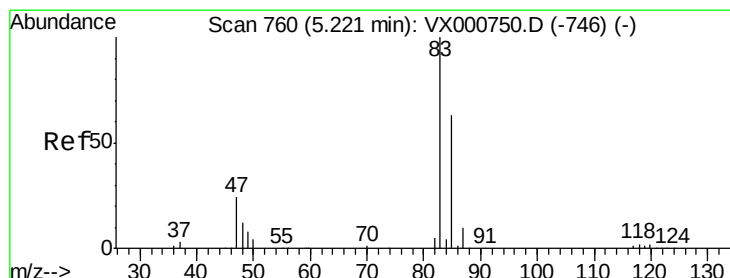
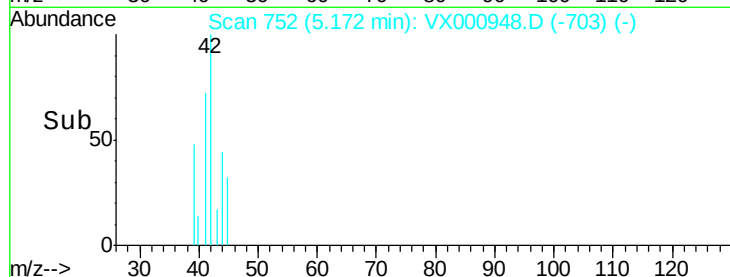
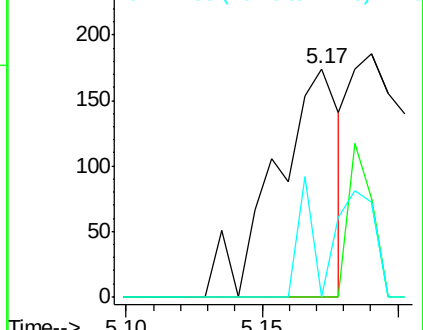
71 11.9 32.8 49.2#



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



#30

Chloroform

Concen: 0.453 ug/l

RT: 5.23 min Scan# 762

Delta R.T. 0.01 min

Lab File: VX000948.D

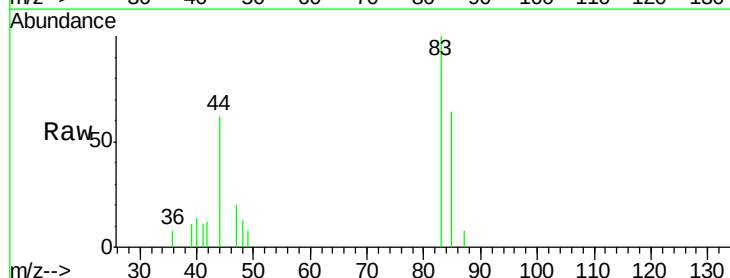
Acq: 17 Apr 2018 04:34

Tgt Ion: 83 Resp: 2178

Ion Ratio Lower Upper

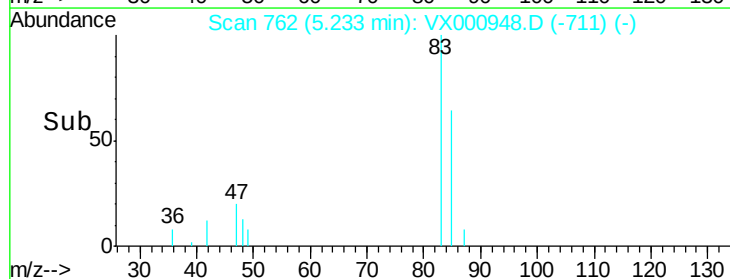
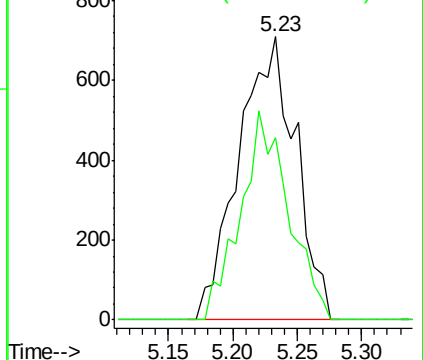
83 100

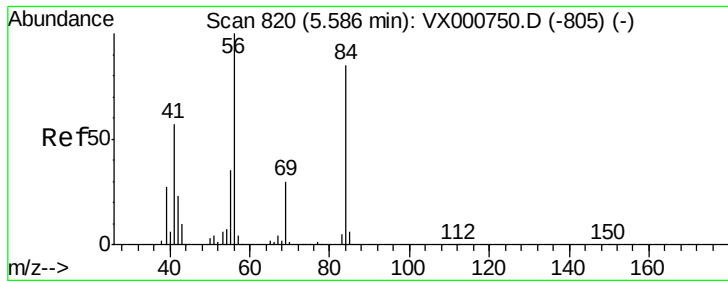
85 64.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

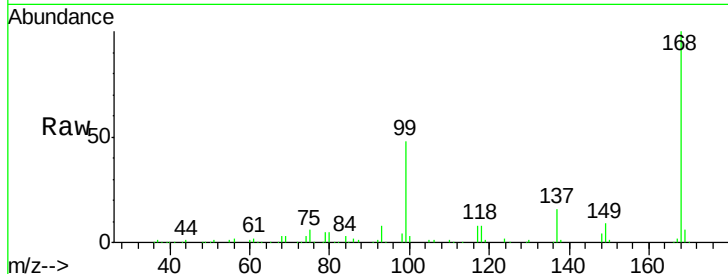




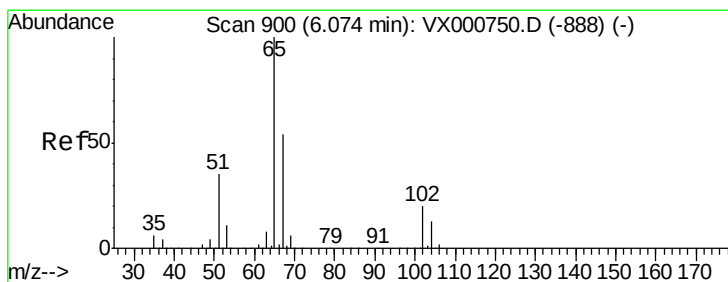
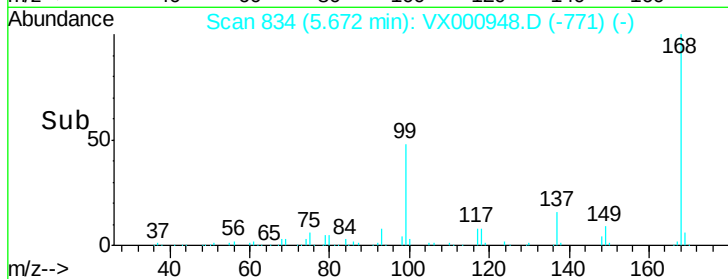
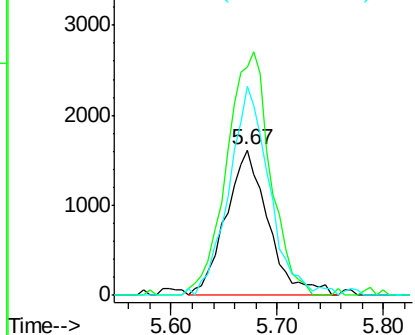
#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4483
Ion Ratio Lower Upper
56 100
69 152.4 24.2 36.4#
84 150.6 67.6 101.4#

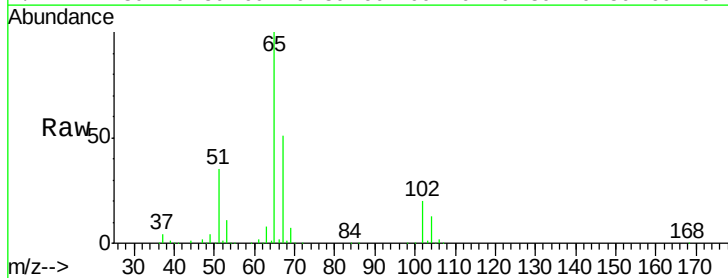


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

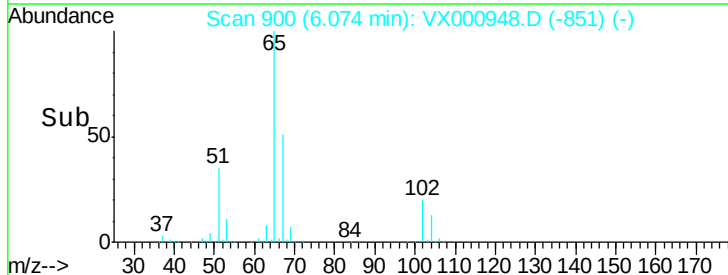
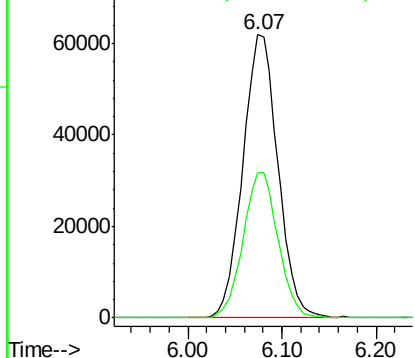


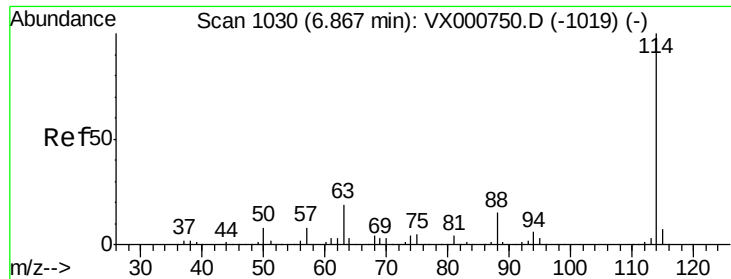
#33
1,2-Dichloroethane-d4
Concen: 49.367 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Tgt Ion: 65 Resp: 161645
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

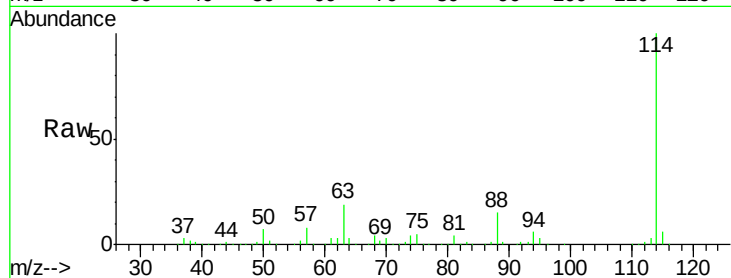




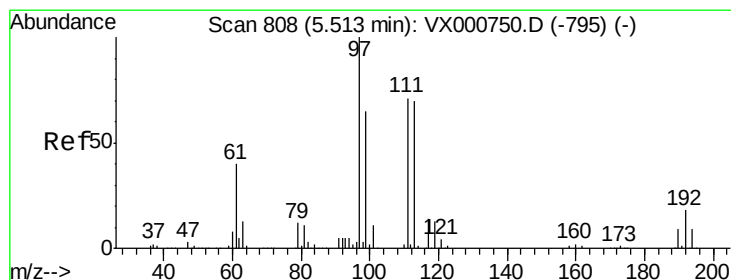
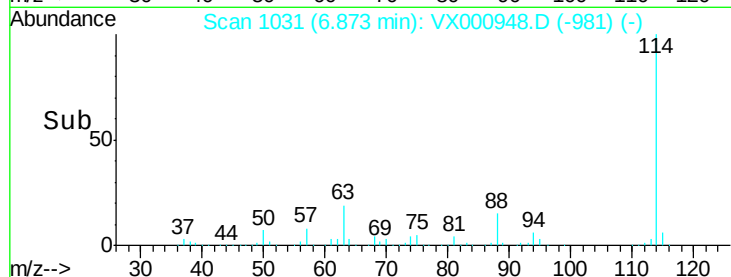
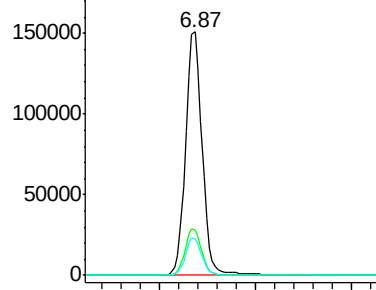
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 363915
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 15.0 0.0 31.0

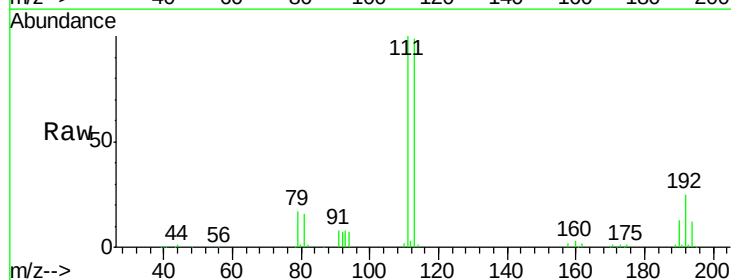


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

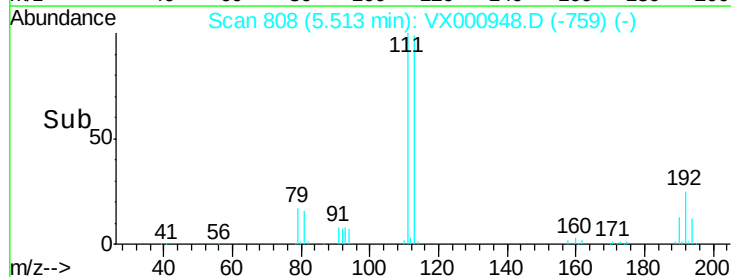
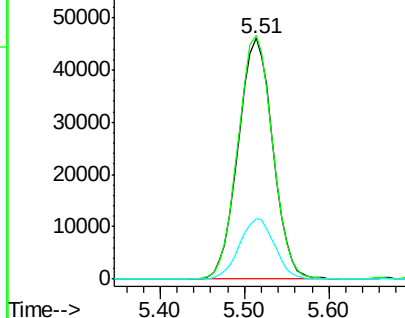


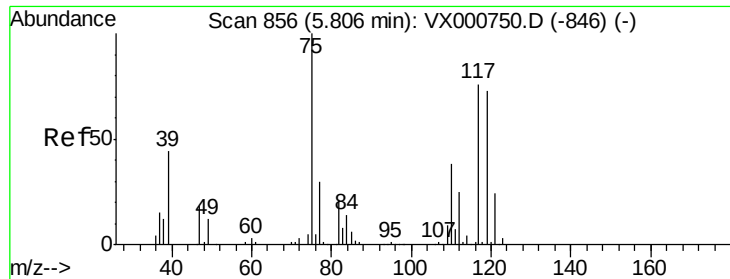
#35
Dibromofluoromethane
Concen: 45.690 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Tgt Ion:113 Resp: 128103
Ion Ratio Lower Upper
113 100
111 101.4 81.5 122.3
192 25.5 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

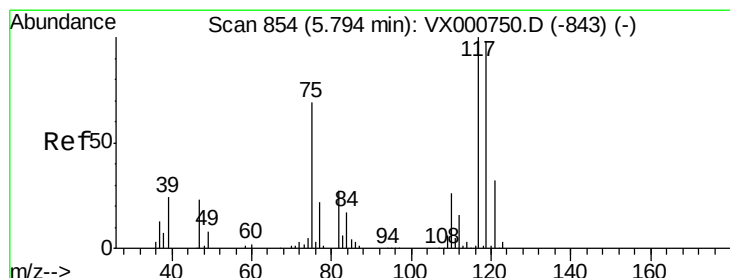
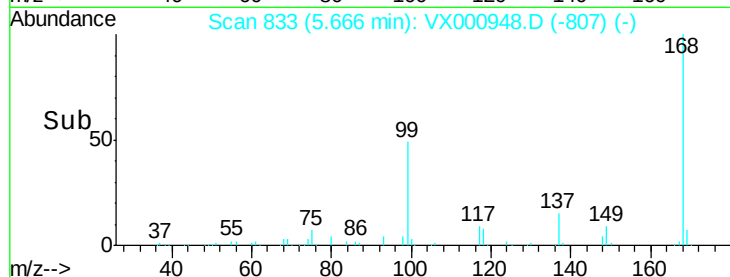
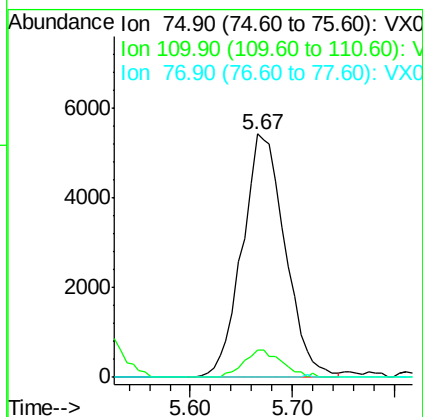
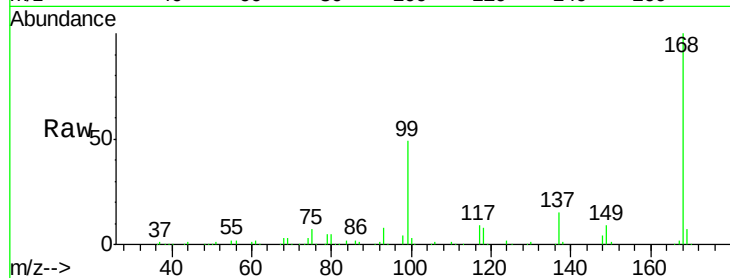




#36
 1,1-Dichloropropene
 Concen: 3.964 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX000948.D
 Acq: 17 Apr 2018 04:34

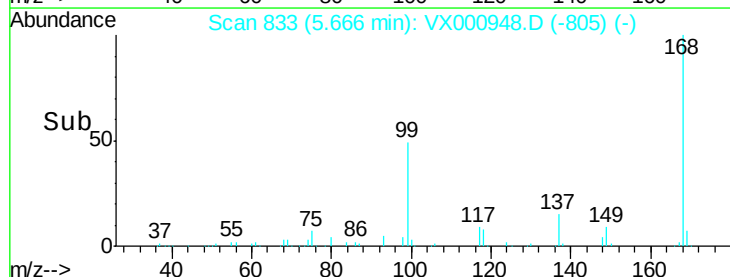
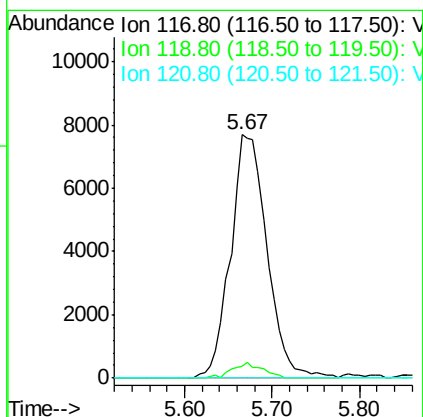
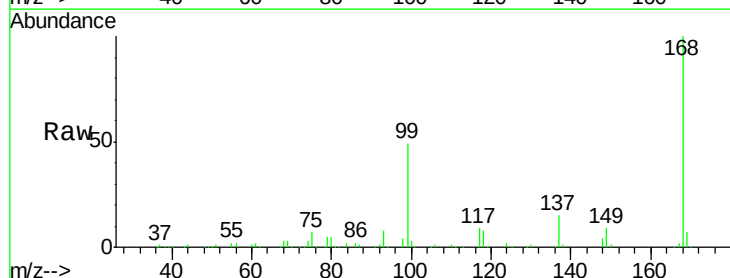
Instrument :
 MSVOA_X
 ClientSampleId :

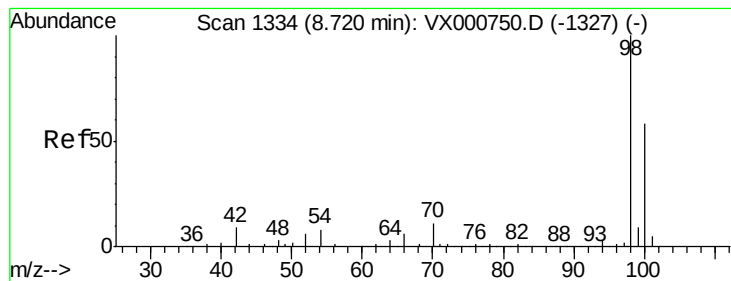
Tot Ion	75	Resp	15887
Ion Ratio	Lower	Upper	
75	100		
110	10.1	19.2	57.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 4.982 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX000948.D
 Acq: 17 Apr 2018 04:34

Tgt Ion	117	Resp	22347
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.1	78.4	117.6#
121	0.0	25.4	38.0#





#50

Toluene-d8

Concen: 48.449 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

Instrument :

MSVOA_X

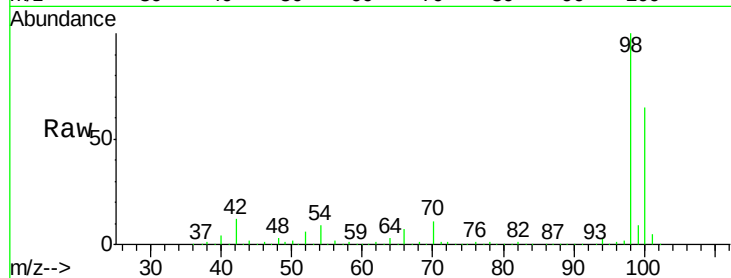
ClientSampleId :

Tot Ion: 98 Resp: 505782

Ion Ratio Lower Upper

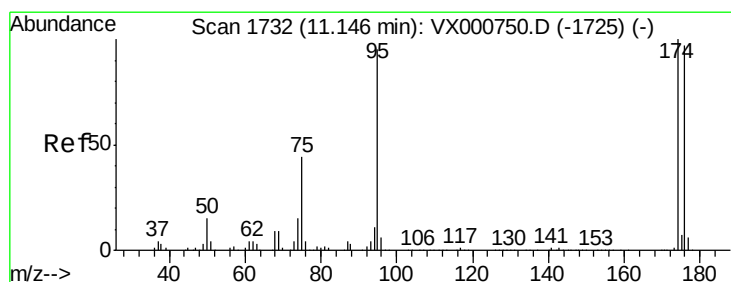
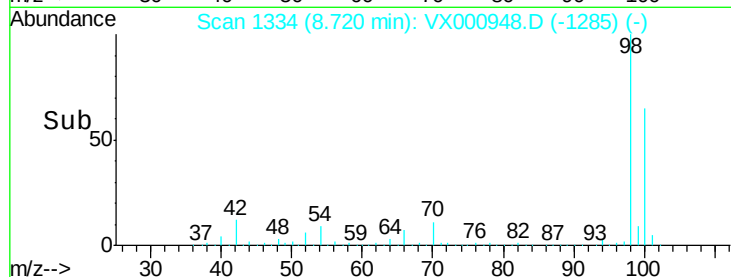
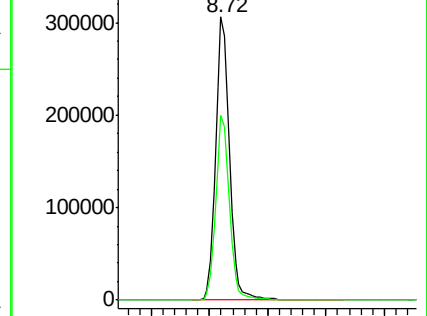
98 100

100 64.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.105 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

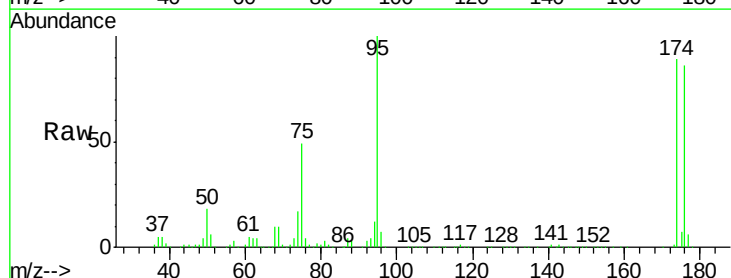
Tgt Ion: 95 Resp: 194814

Ion Ratio Lower Upper

95 100

174 97.1 0.0 198.4

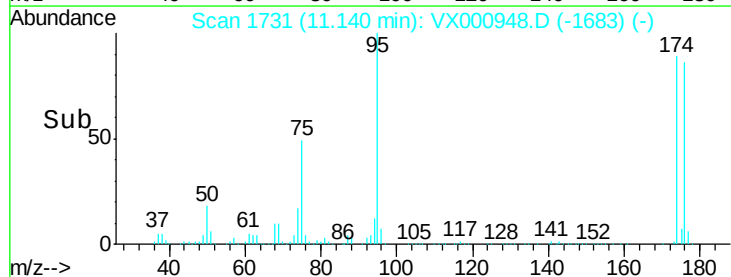
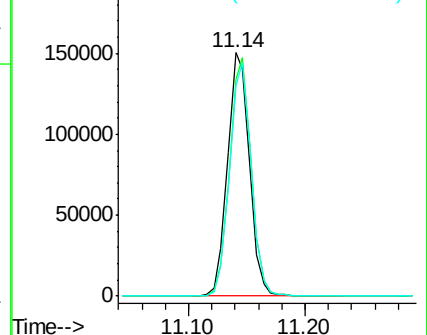
176 95.0 0.0 194.4

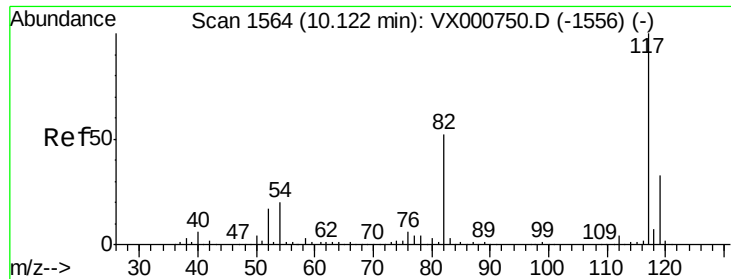


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

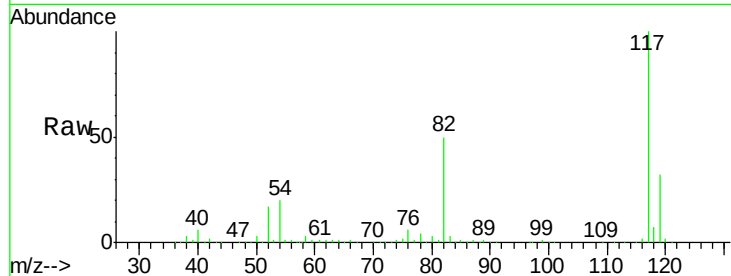




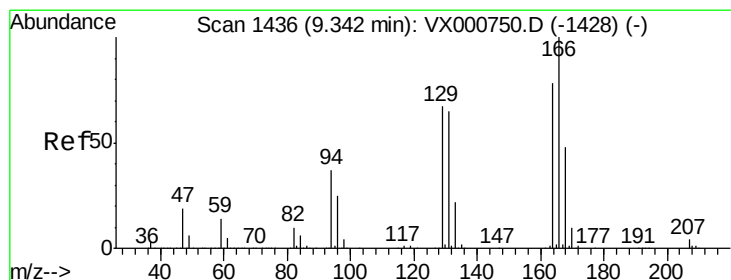
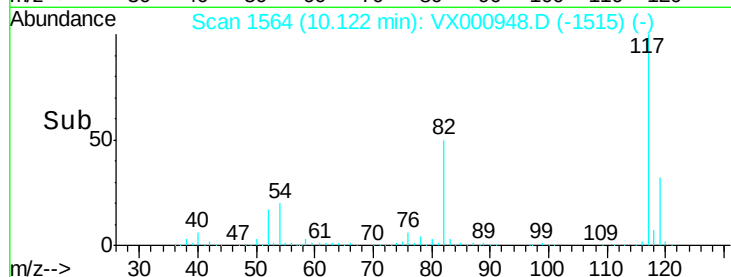
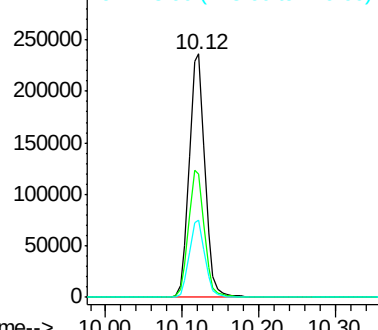
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 336294
Ion Ratio Lower Upper
117 100
82 50.5 41.9 62.9
119 31.9 26.0 39.0



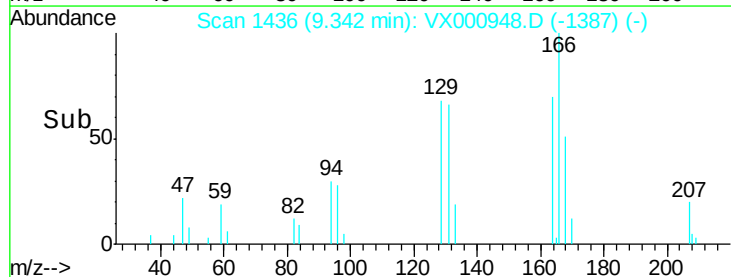
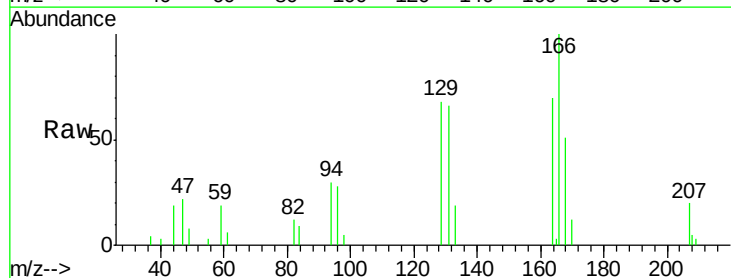
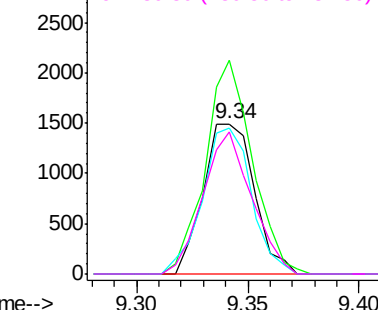
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

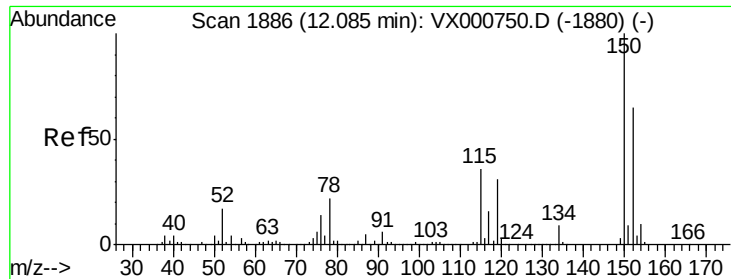


#64
Tetrachloroethene
Concen: 0.723 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Tgt Ion:164 Resp: 2378
Ion Ratio Lower Upper
164 100
166 142.6 102.8 154.2
129 97.4 68.5 102.7
131 94.6 66.6 100.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000948.D

Acq: 17 Apr 2018 04:34

Instrument :

MSVOA_X

ClientSampled :

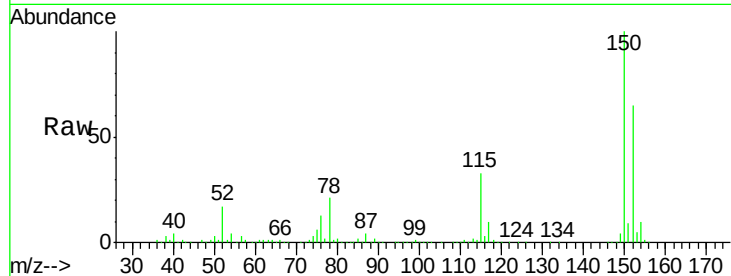
Tot Ion:152 Resp: 216636

Ion Ratio Lower Upper

152 100

115 53.2 37.9 113.7

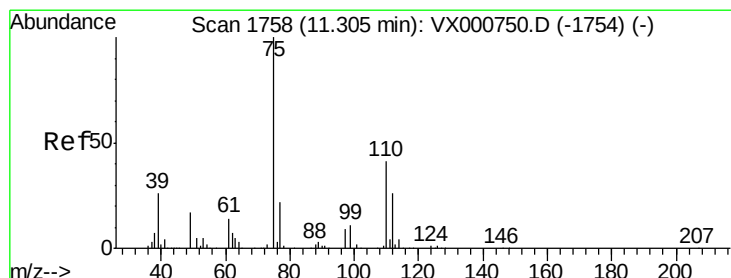
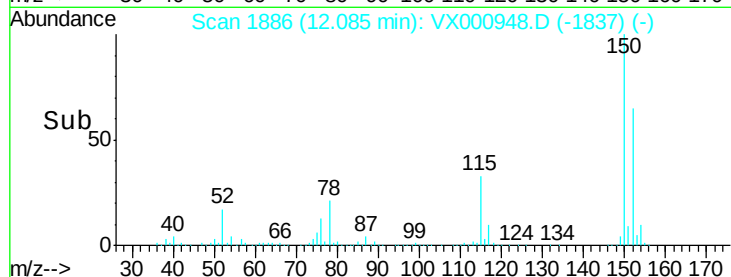
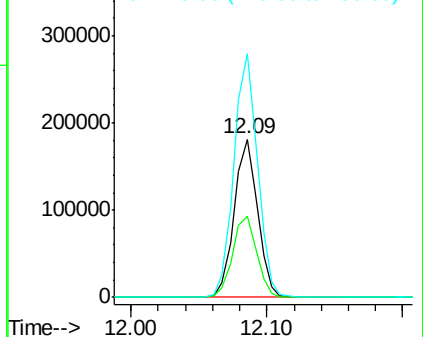
150 155.4 0.0 348.0



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: 25.577 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000948.D

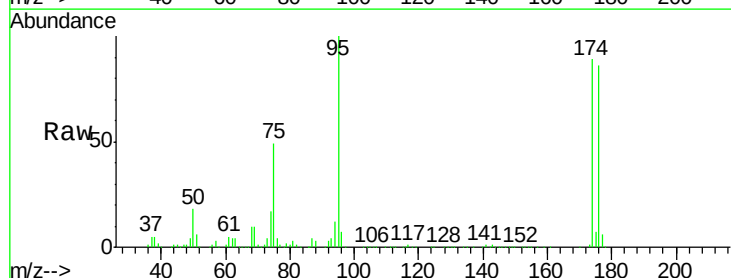
Acq: 17 Apr 2018 04:34

Tgt Ion: 75 Resp: 95560

Ion Ratio Lower Upper

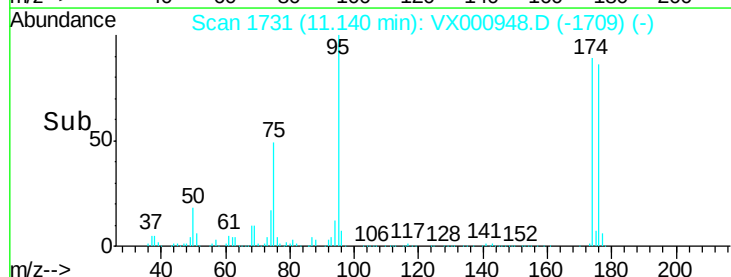
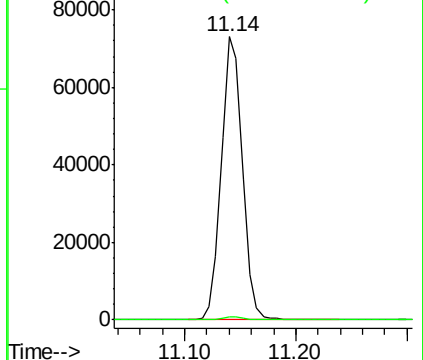
75 100

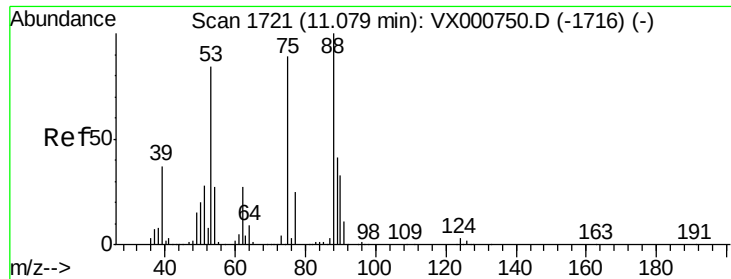
77 1.1 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

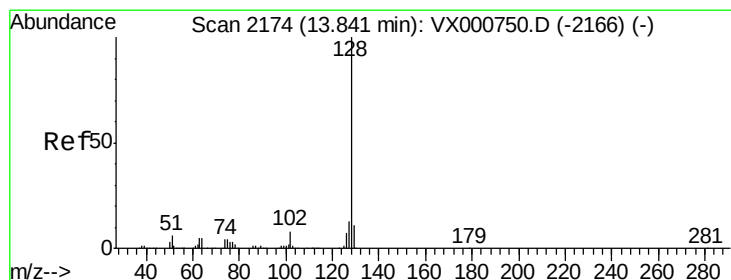
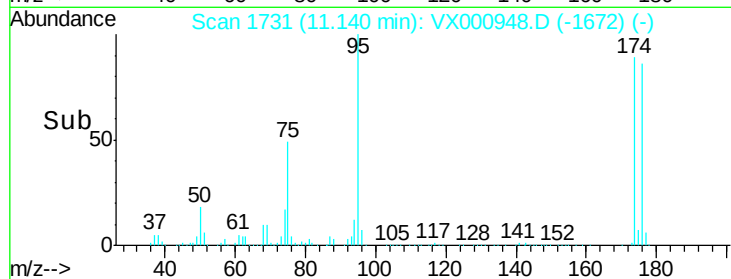
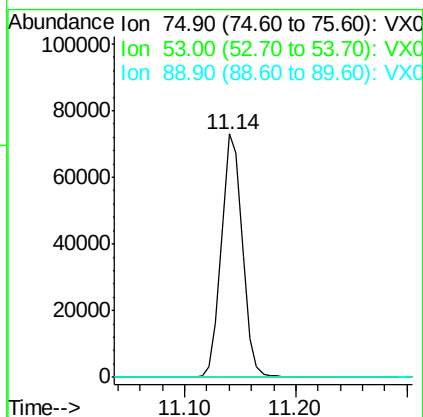
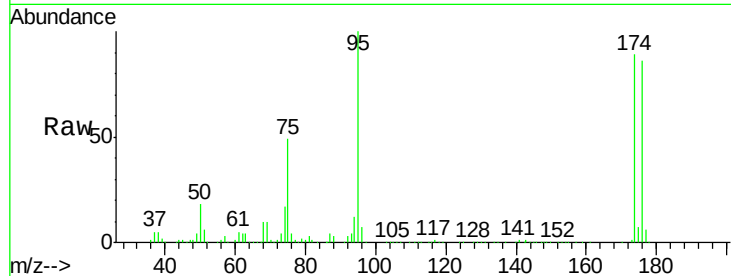




#81
trans-1,4-Dichloro-2-butene
Concen: 70.358 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 95560
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.0#
89 0.0 40.9 61.3#



#95
Naphthalene
Concen: 8.247 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000948.D
Acq: 17 Apr 2018 04:34

Tgt Ion:128 Resp: 129993
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.7 13.1

