

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041118\
 Data File : VX000783.D
 Acq On : 11 Apr 2018 17:13
 Operator : JC/MD
 Sample : J2306-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT3075

Quant Time: Apr 12 07:07:11 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	312276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	437061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	411250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244774	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	159001	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	
35) Dibromofluoromethane	5.51	113	134973	40.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.16%	
50) Toluene-d8	8.73	98	504440	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	
62) 4-Bromofluorobenzene	11.15	95	204022	39.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.66%	

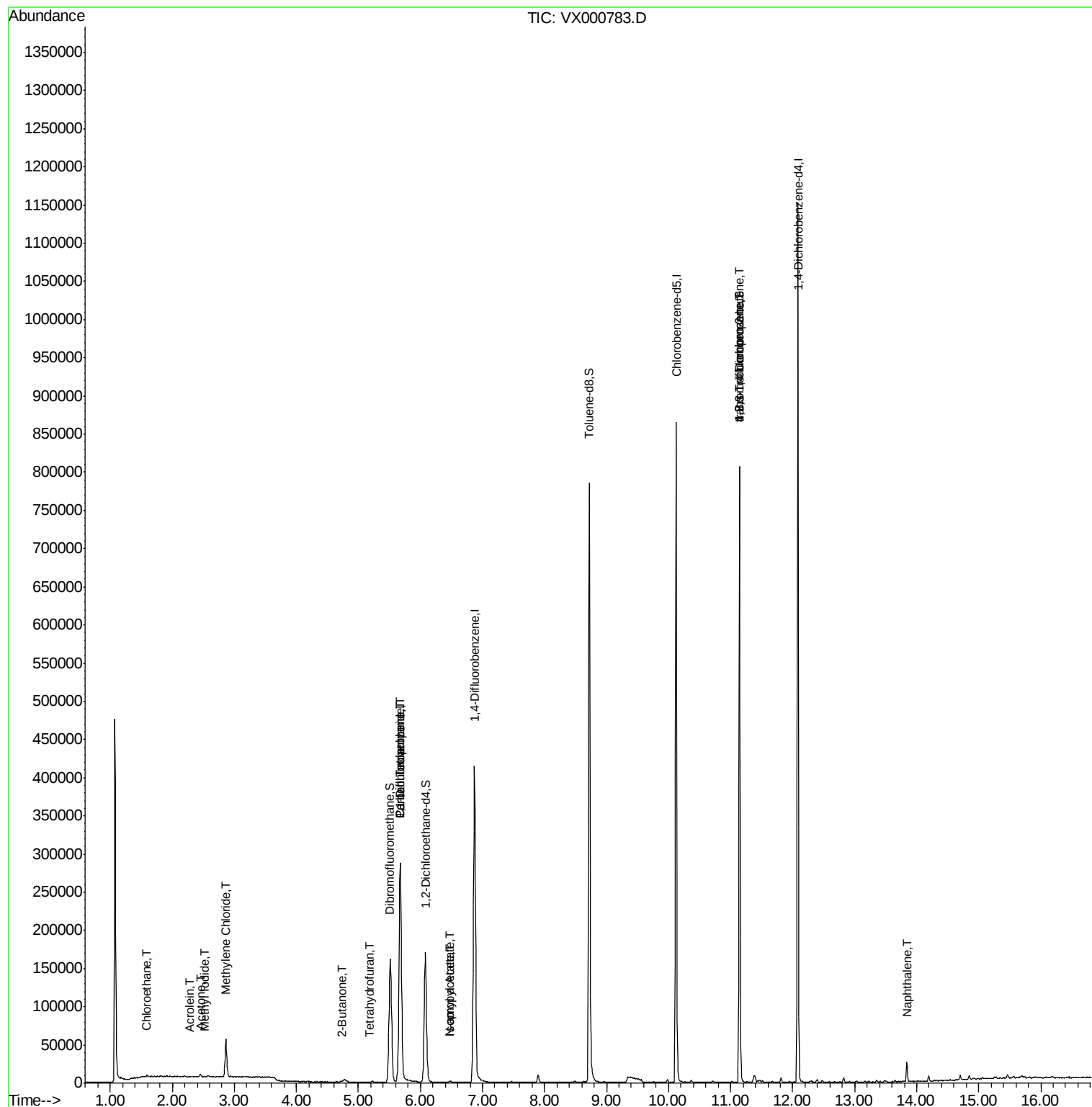
Target Compounds						Qvalue
5) Bromomethane	1.66	94	402	Below Cal	#	58
6) Chloroethane	1.59	64	802	0.39	ug/l #	75
10) Methyl Iodide	2.52	142	247	8.32	ug/l #	75
13) Acrolein	2.28	56	125	0.37	ug/l	89
16) Acetone	2.45	43	4287	3.16	ug/l	99
20) Methylene Chloride	2.87	84	23814	7.54	ug/l	96
25) 2-Butanone	4.72	43	906	0.40	ug/l #	81
29) Tetrahydrofuran	5.18	42	299	0.21	ug/l #	48
36) 1,1-Dichloropropene	5.68	75	18220	3.79	ug/l #	49
38) Carbon Tetrachloride	5.68	117	26502	4.92	ug/l #	14
43) Isopropyl Acetate	6.48	43	2310	0.29	ug/l #	86
74) N-amyl acetate	6.48	43	2310	0.33	ug/l #	100
76) 1,2,3-Trichloropropane	11.15	75	99878	23.66	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.15	75	99878	65.08	ug/l #	11
95) Naphthalene	13.84	128	16420	0.92	ug/l	99

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

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041118\
Data File : VX000783.D
Acq On : 11 Apr 2018 17:13
Operator : JC/MD
Sample : J2306-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RT3075

Quant Time: Apr 12 07:07:11 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: VX000783.D

Acq: 11 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

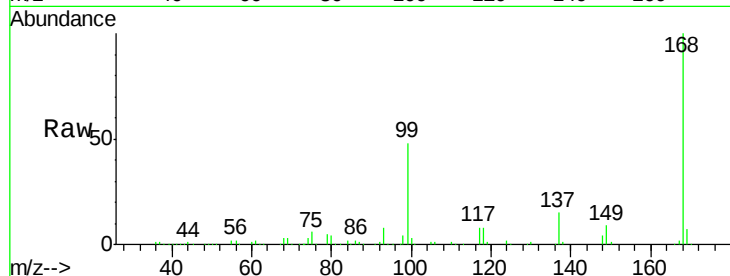
RT3075

Tgt Ion:168 Resp: 312276

Ion Ratio Lower Upper

168 100

99 47.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

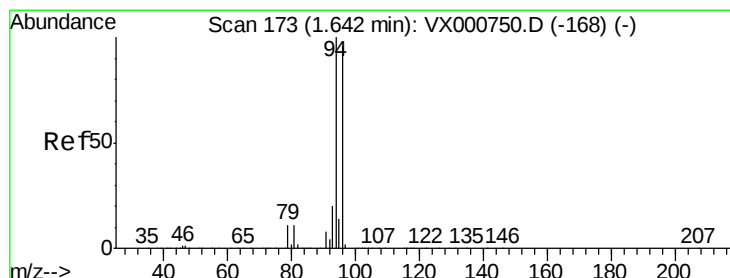
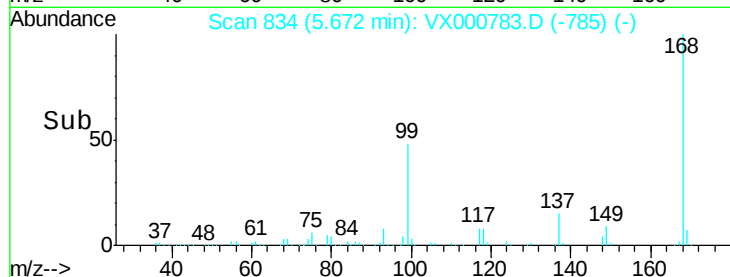
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000783.D

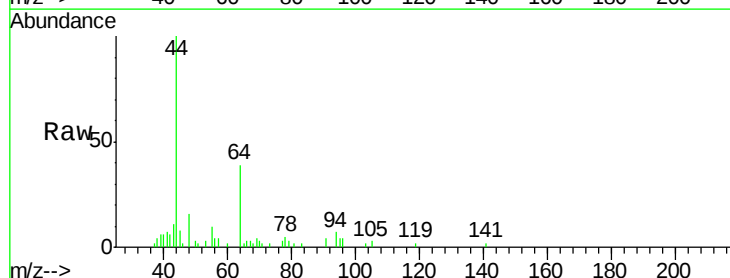
Acq: 11 Apr 2018 17:13

Tgt Ion: 94 Resp: 402

Ion Ratio Lower Upper

94 100

96 55.1 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

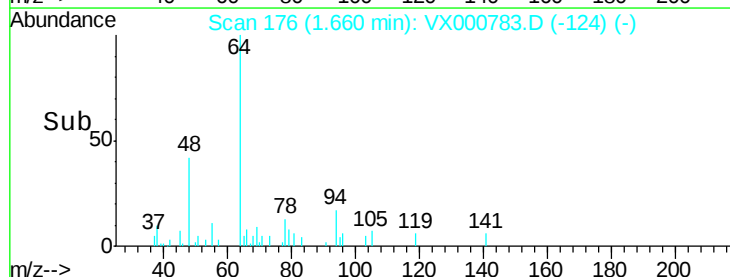
150

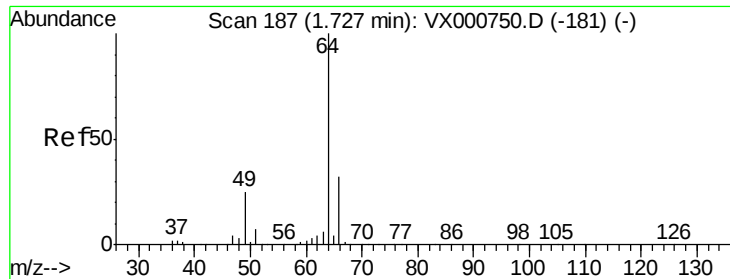
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.39 ug/l

RT: 1.59 min Scan# 165

Delta R.T. -0.13 min

Lab File: VX000783.D

Acq: 11 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

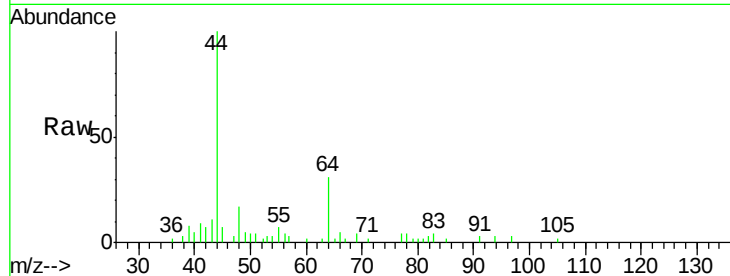
RT3075

Tgt Ion: 64 Resp: 802

Ion Ratio Lower Upper

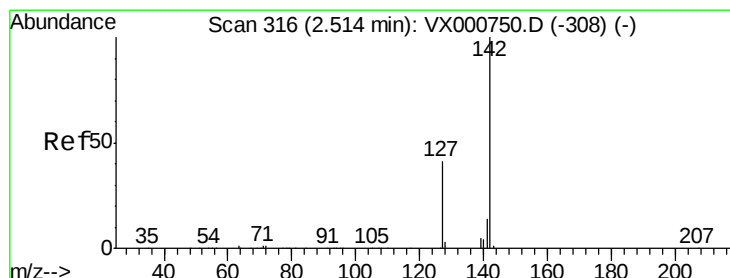
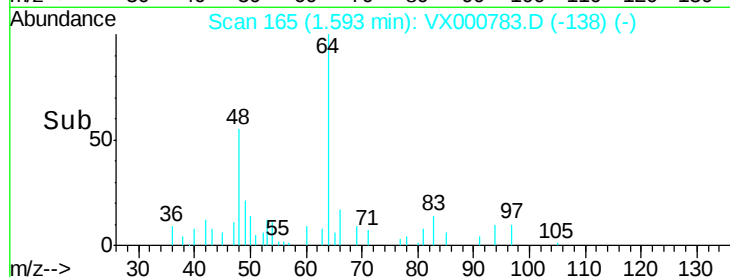
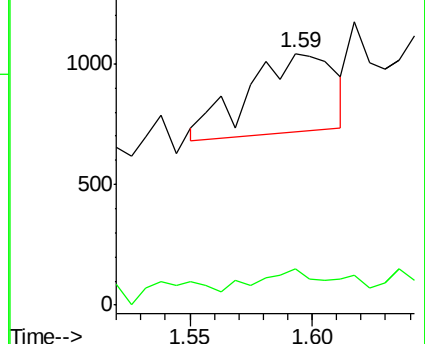
64 100

66 17.7 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 8.32 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000783.D

Acq: 11 Apr 2018 17:13

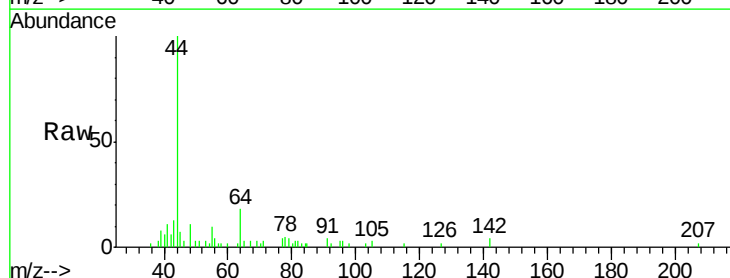
Tgt Ion: 142 Resp: 247

Ion Ratio Lower Upper

142 100

127 27.5 32.6 49.0#

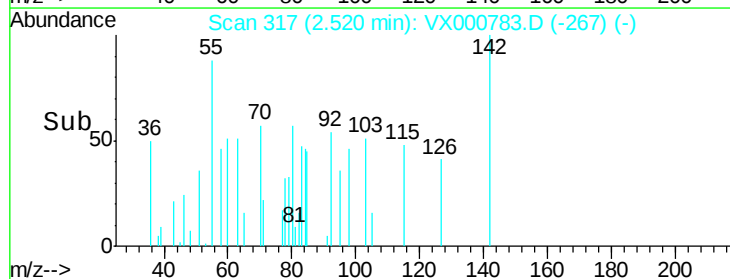
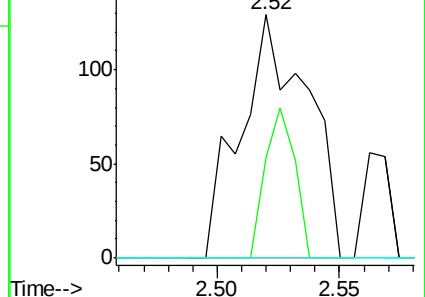
141 0.0 11.5 17.3#

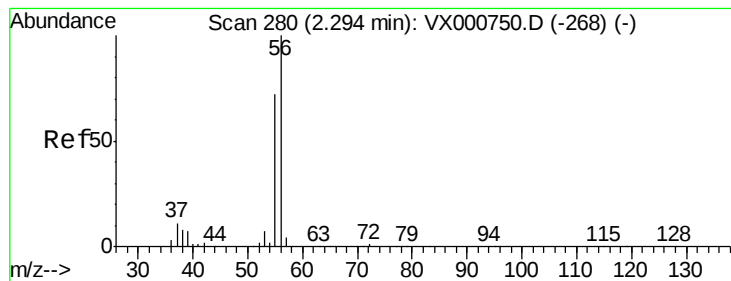


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.37 ug/l

RT: 2.28 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX000783.D

Acq: 11 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampled :

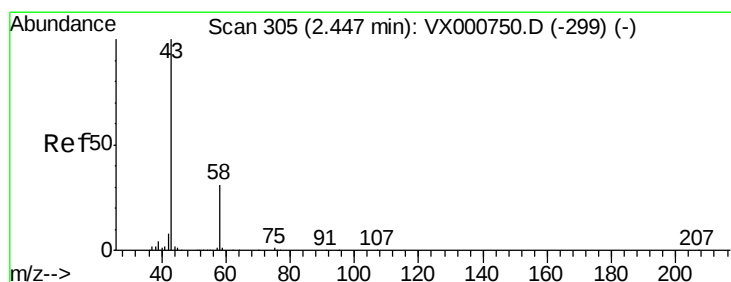
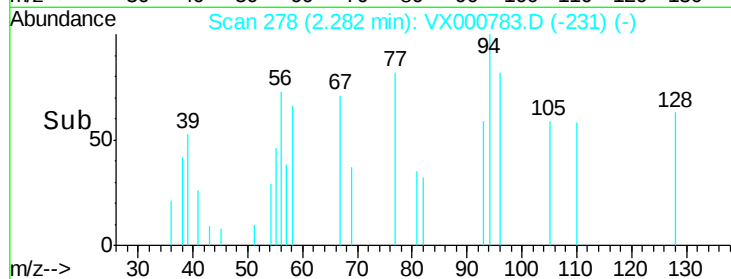
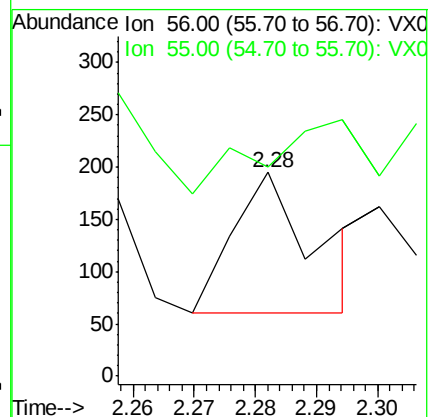
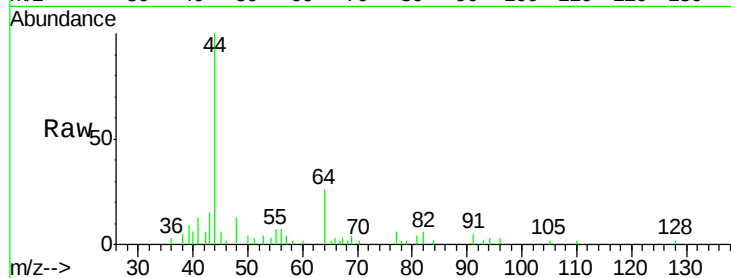
RT3075

Tgt Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

55 64.0 58.7 88.1



#16

Acetone

Concen: 3.16 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000783.D

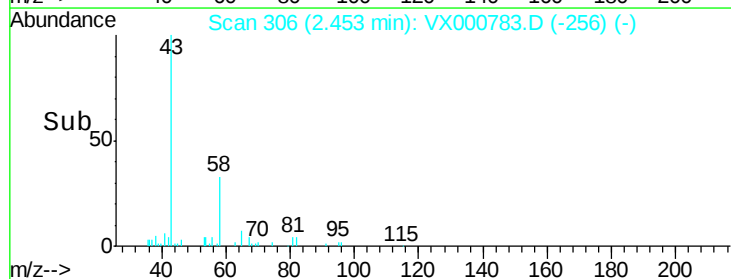
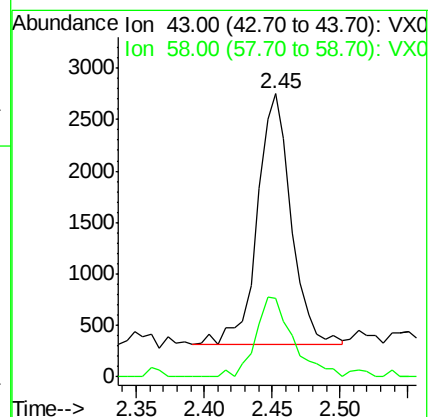
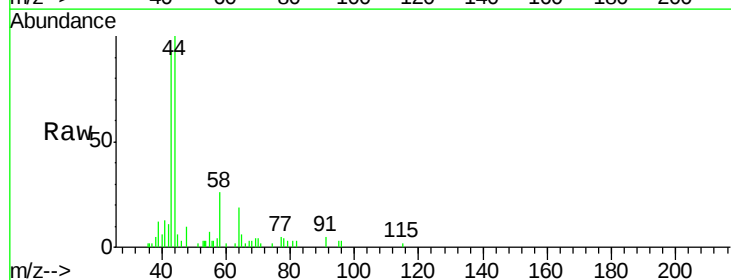
Acq: 11 Apr 2018 17:13

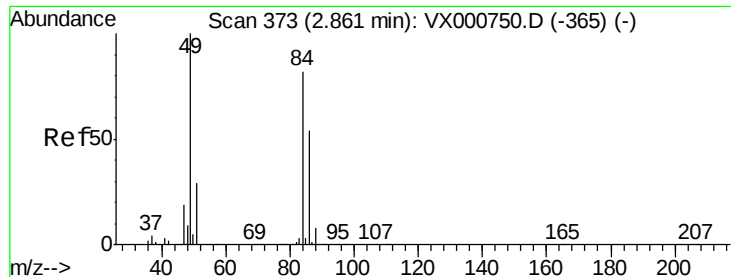
Tgt Ion: 43 Resp: 4287

Ion Ratio Lower Upper

43 100

58 31.4 24.6 37.0

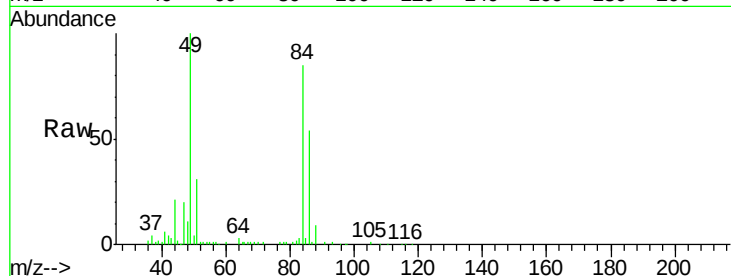




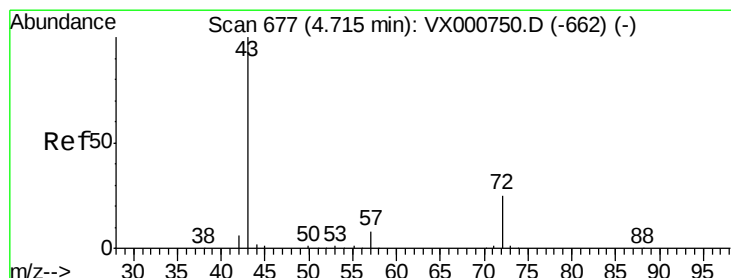
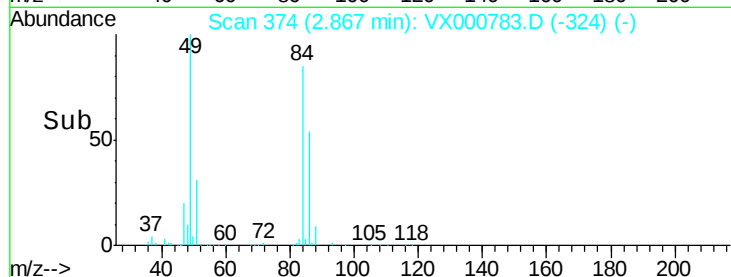
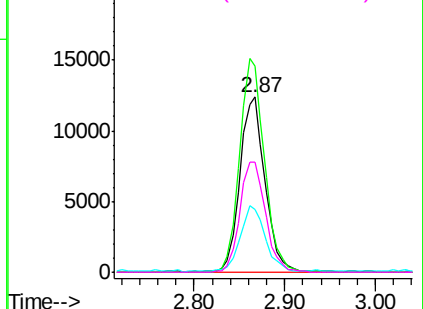
#20
Methylene Chloride
Concen: 7.54 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
RT3075

Tgt Ion: 84 Resp: 23814
Ion Ratio Lower Upper
84 100
49 117.7 98.1 147.1
51 35.2 28.9 43.3
86 63.2 52.7 79.1

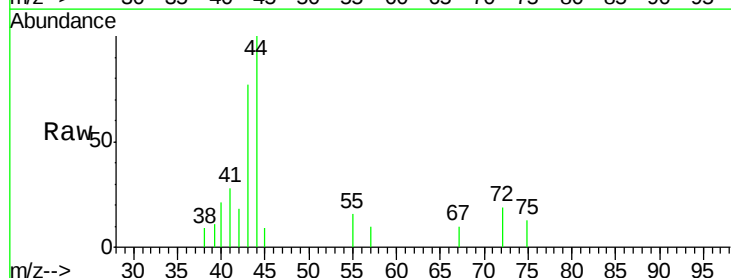


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

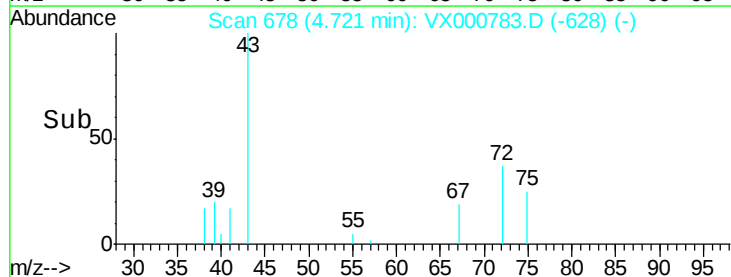
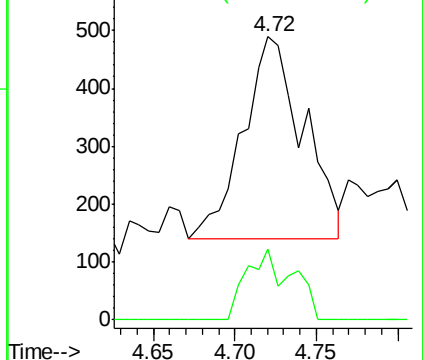


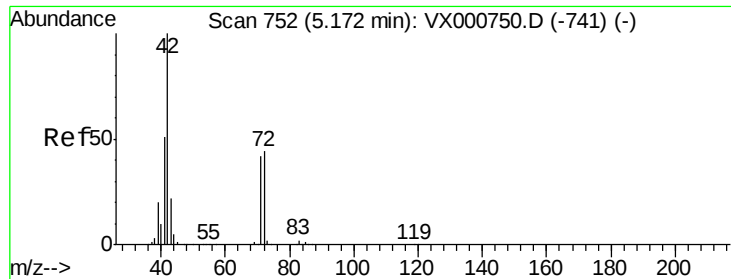
#25
2-Butanone
Concen: 0.40 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
72 34.9 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

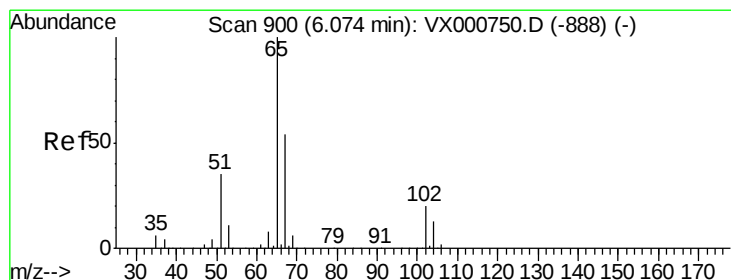
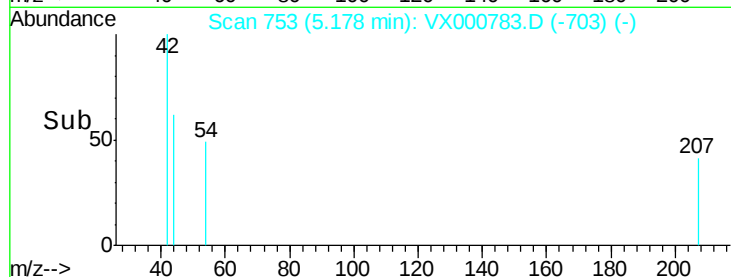
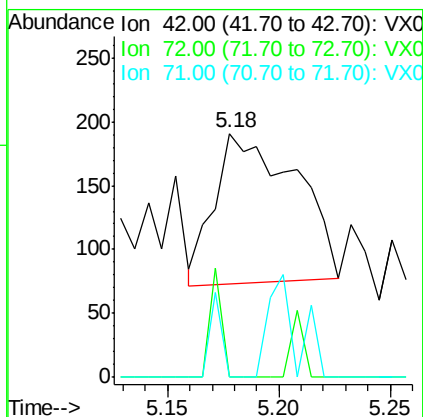
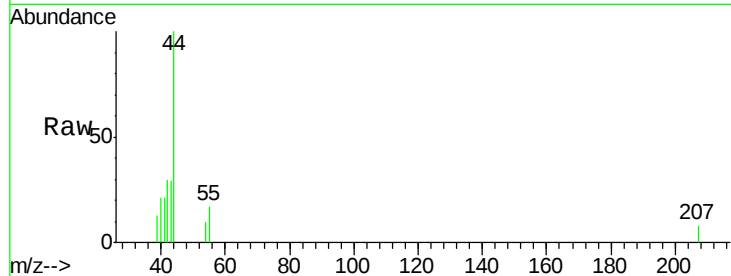




#29
Tetrahydrofuran
Concen: 0.21 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

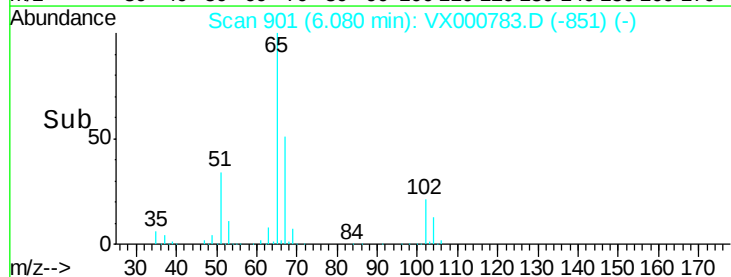
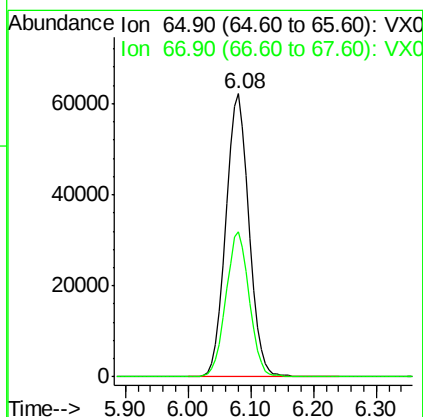
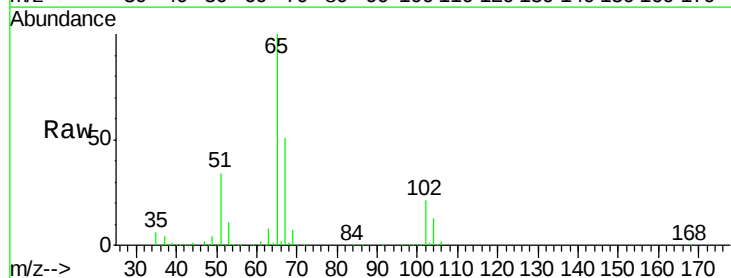
Instrument :
MSVOA_X
ClientSampled :
RT3075

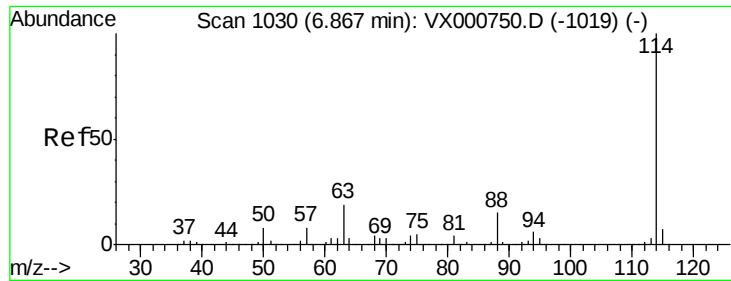
Tgt Ion: 42 Resp: 299
Ion Ratio Lower Upper
42 100
72 10.4 35.1 52.7#
71 8.0 32.8 49.2#



#33
1,2-Dichloroethane-d4
Concen: 40.38 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Tgt Ion: 65 Resp: 159001
Ion Ratio Lower Upper
65 100
67 51.8 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: VX000783.D

Acq: 11 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

RT3075

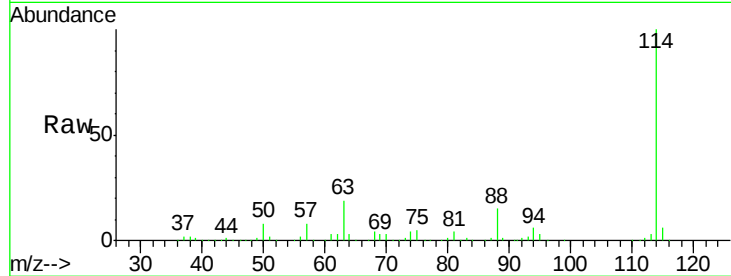
Tgt Ion:114 Resp: 437061

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

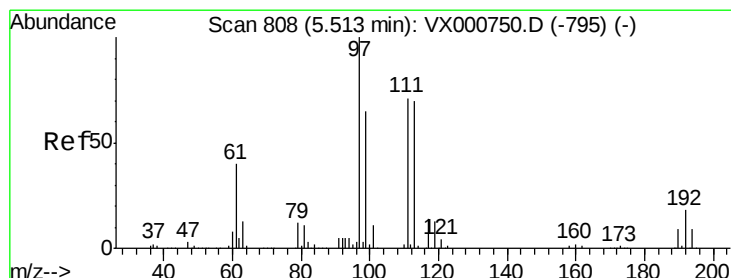
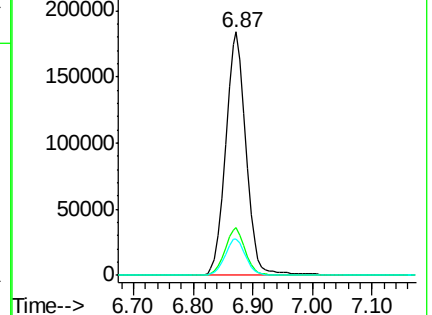
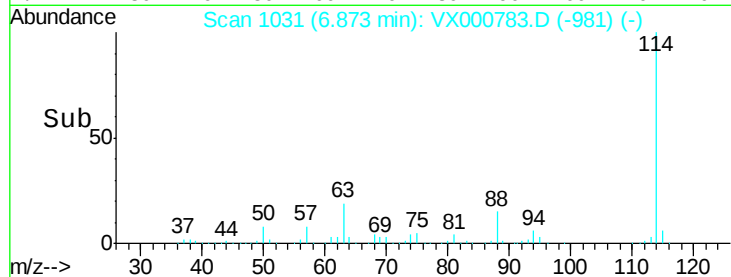
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 40.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000783.D

Acq: 11 Apr 2018 17:13

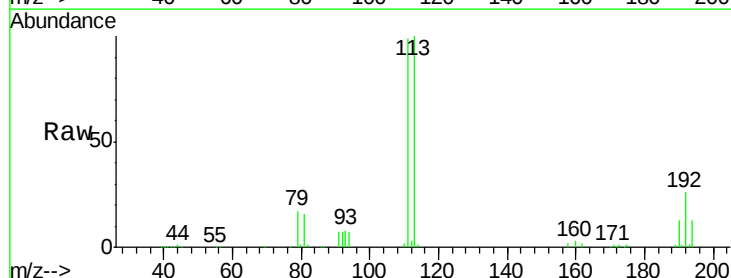
Tgt Ion:113 Resp: 134973

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

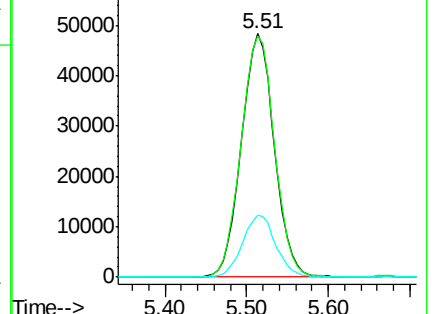
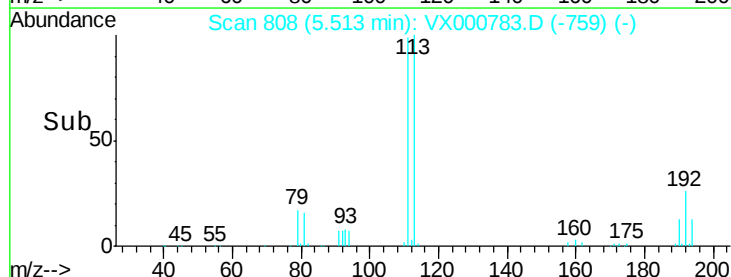
192 25.8 20.4 30.6

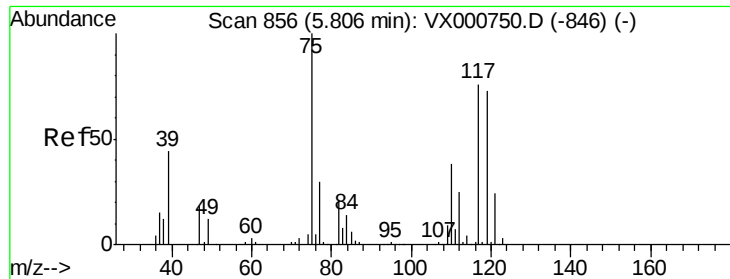


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

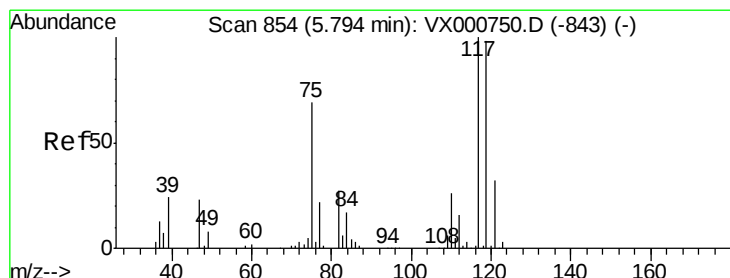
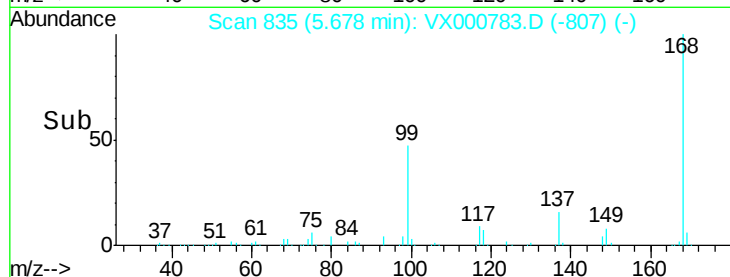
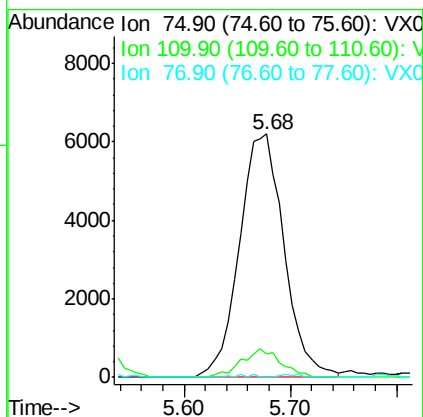
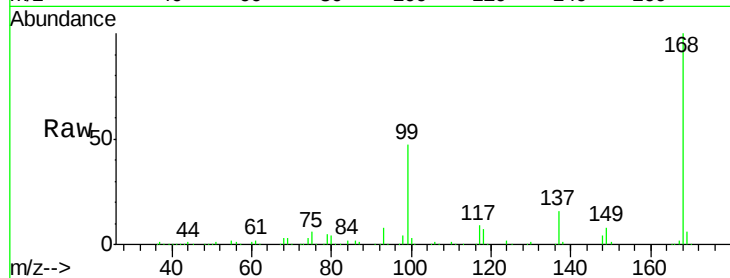




#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000783.D
 Acq: 11 Apr 2018 17:13

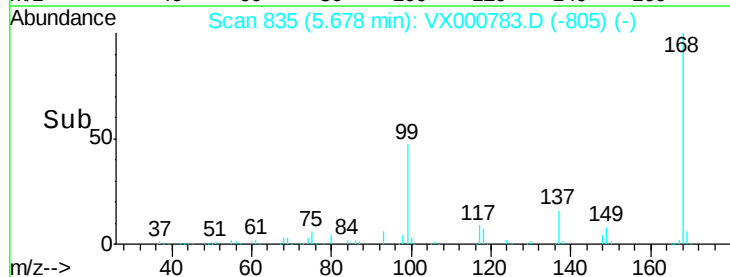
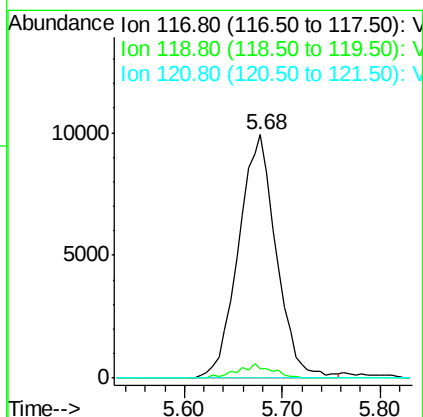
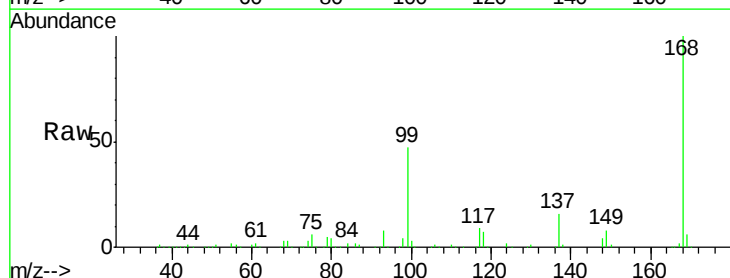
Instrument :
 MSVOA_X
 ClientSampleId :
 RT3075

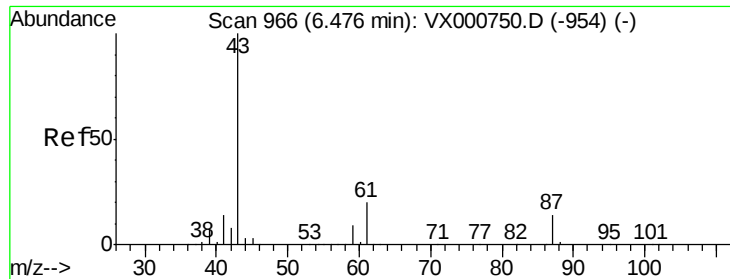
Tgt Ion: 75 Resp: 18220
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.2 57.6#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 4.92 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000783.D
 Acq: 11 Apr 2018 17:13

Tgt Ion: 117 Resp: 26502
 Ion Ratio Lower Upper
 117 100
 119 3.8 78.4 117.6#
 121 0.0 25.4 38.0#





#43

Isopropyl Acetate

Concen: 0.29 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000783.D

Acq: 11 Apr 2018 17:13

Instrument :

MSVOA_X

ClientSampleId :

RT3075

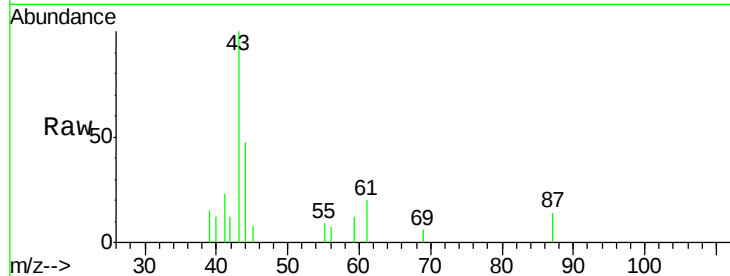
Tgt Ion: 43 Resp: 2310

Ion Ratio Lower Upper

43 100

61 19.7 15.6 23.4

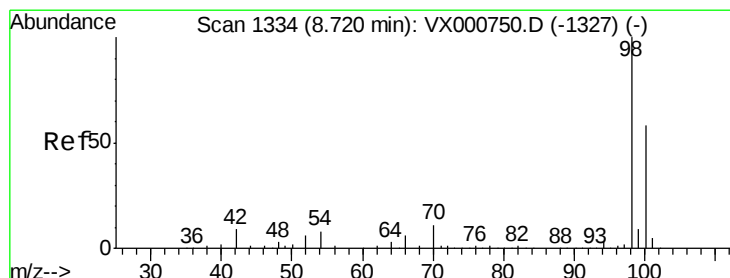
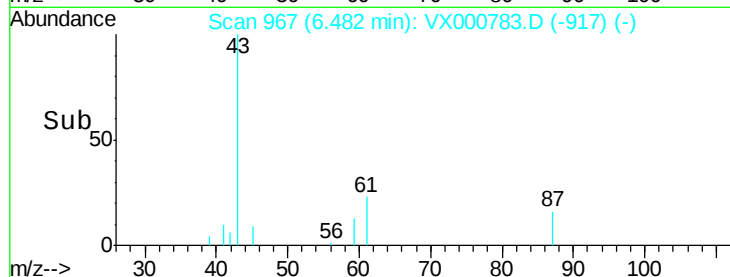
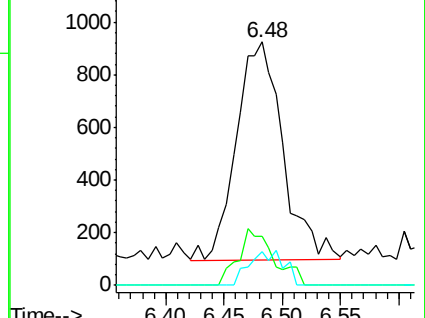
87 0.0 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 40.23 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000783.D

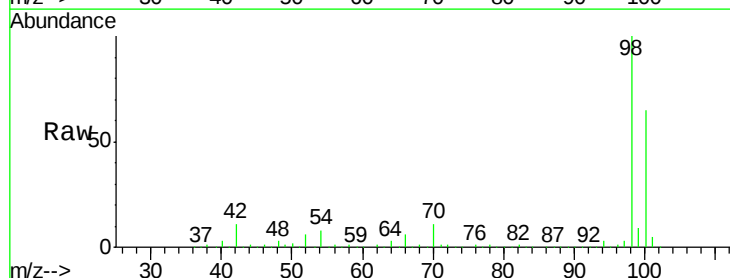
Acq: 11 Apr 2018 17:13

Tgt Ion: 98 Resp: 504440

Ion Ratio Lower Upper

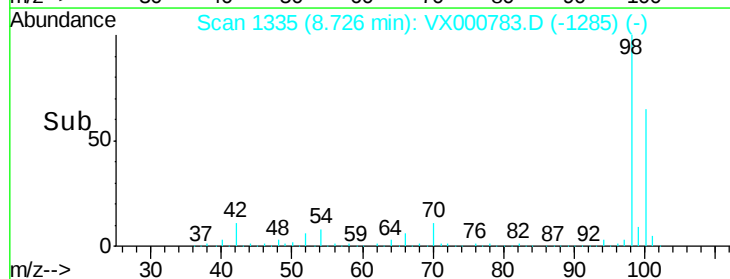
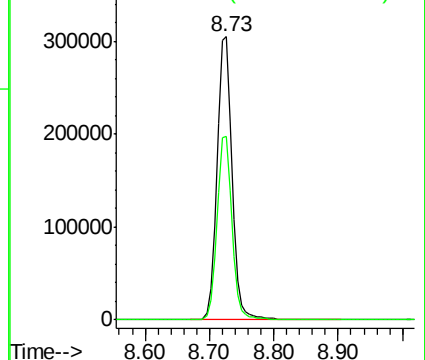
98 100

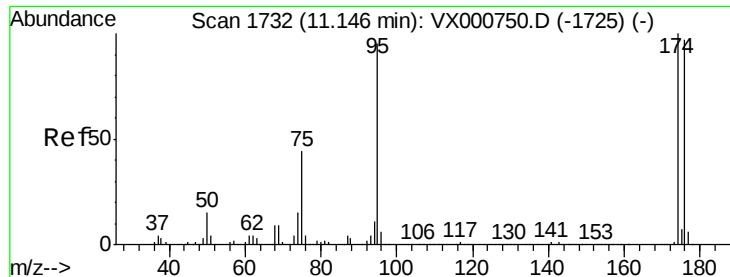
100 64.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

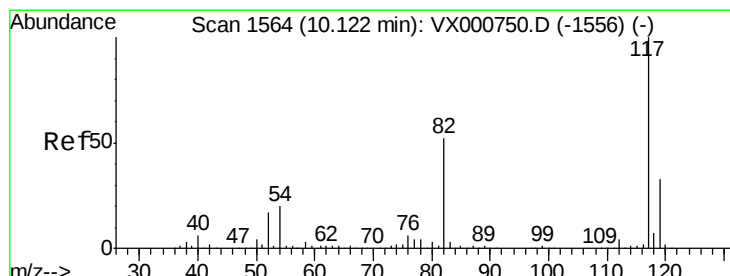
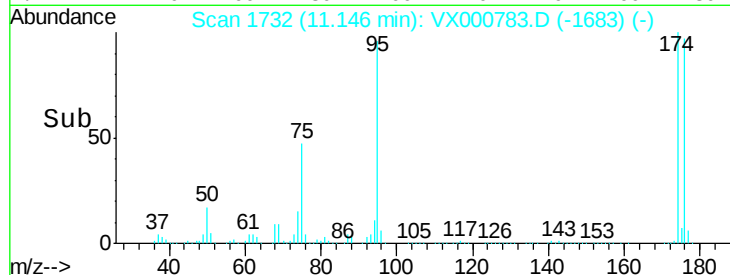
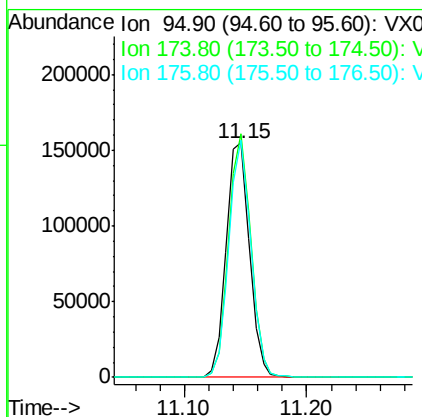
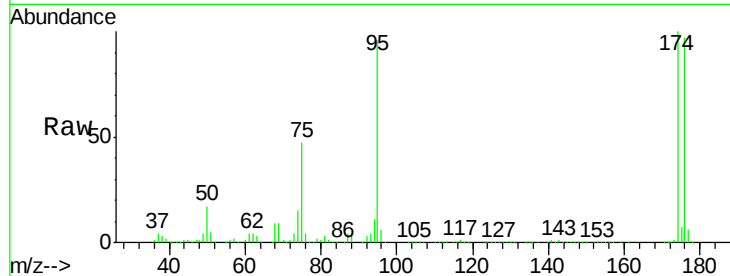




#62
4-Bromofluorobenzene
Concen: 39.33 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

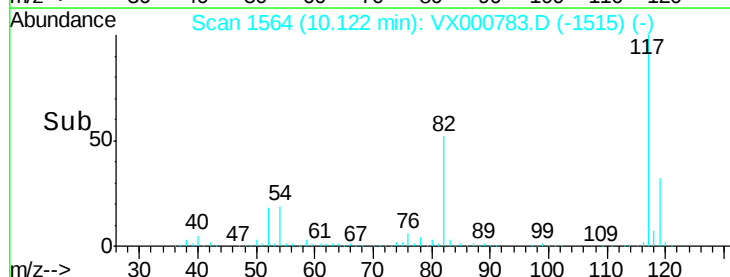
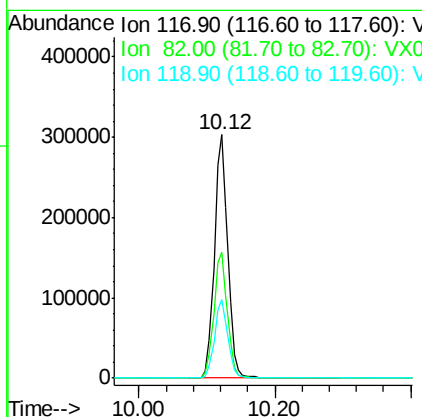
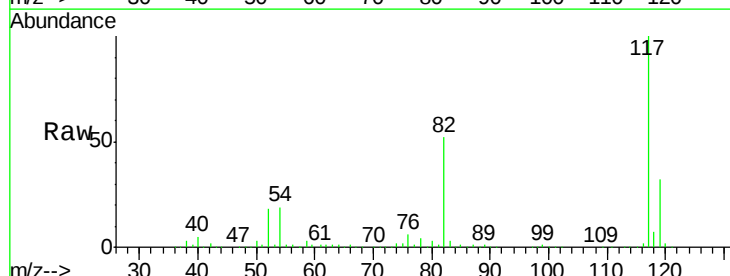
Instrument :
MSVOA_X
ClientSampleId :
RT3075

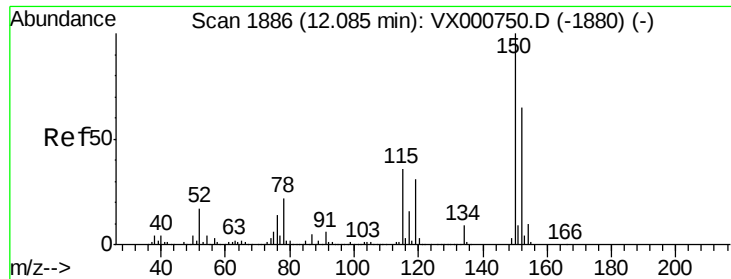
Tgt Ion: 95 Resp: 204022
Ion Ratio Lower Upper
95 100
174 98.9 0.0 198.4
176 95.3 0.0 194.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Tgt Ion: 117 Resp: 411250
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 32.3 26.0 39.0



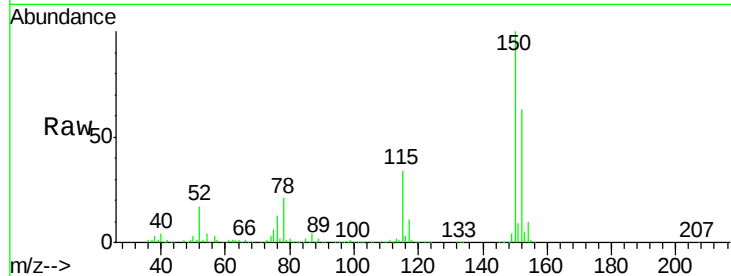


#72

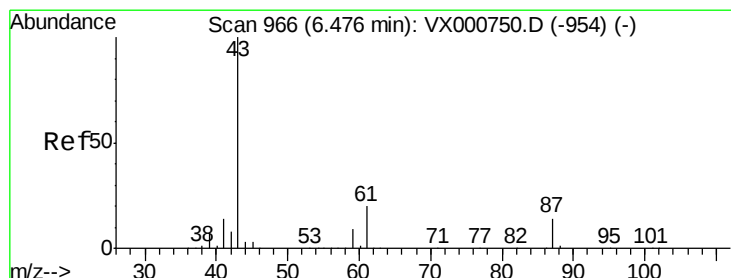
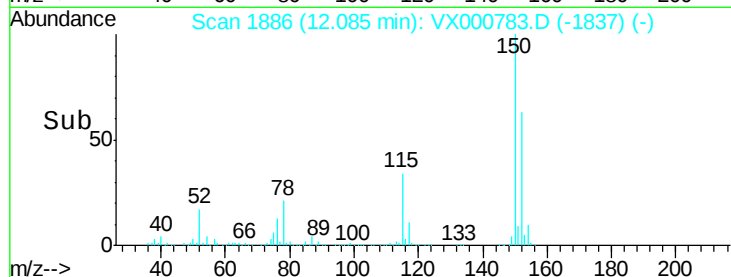
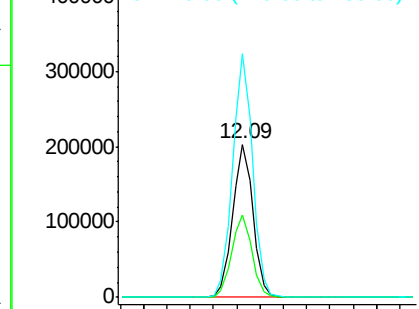
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
RT3075

Tgt Ion:152 Resp: 244774
Ion Ratio Lower Upper
152 100
115 53.9 37.9 113.7
150 156.9 0.0 348.0



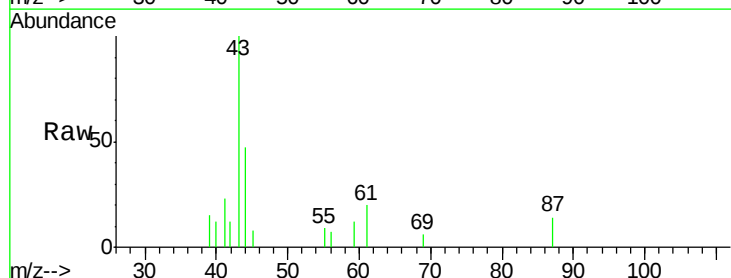
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



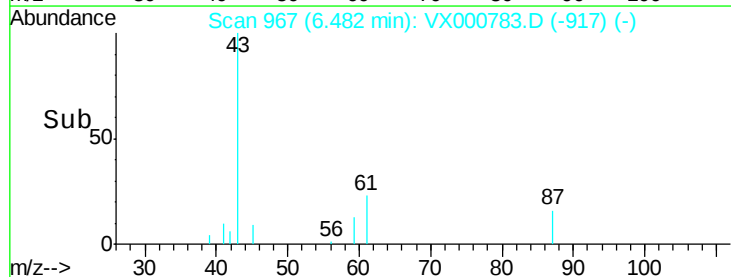
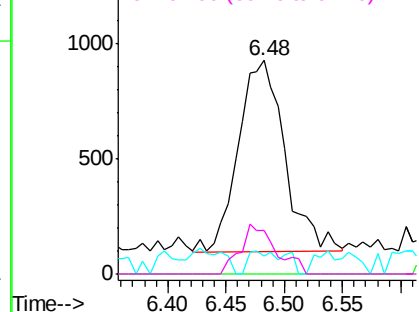
#74

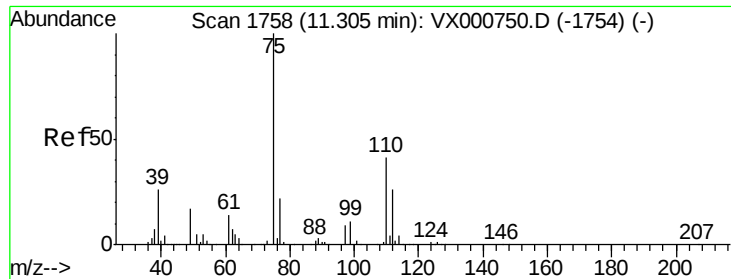
N-ethyl acetate
Concen: 0.33 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 9.7 0.0 0.0#
61 19.7 15.6 23.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

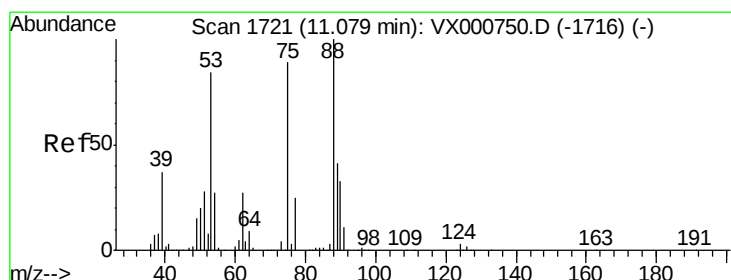
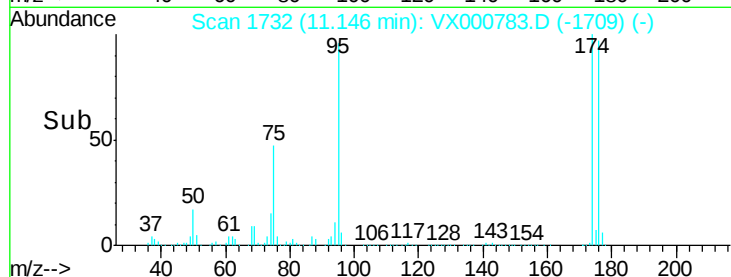
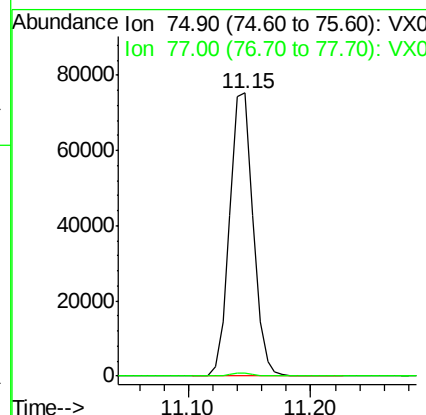
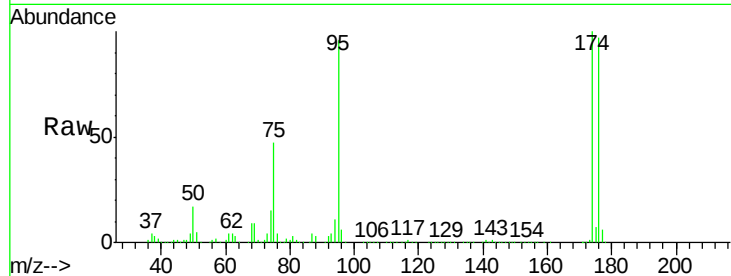




#76
 1,2,3-Trichloropropane
 Concen: 23.66 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.16 min
 Lab File: VX000783.D
 Acq: 11 Apr 2018 17:13

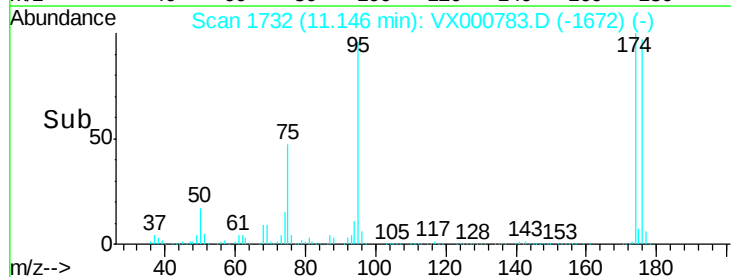
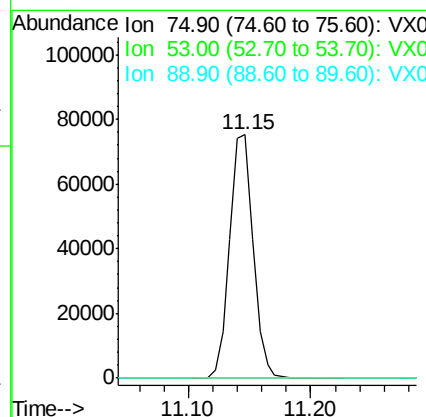
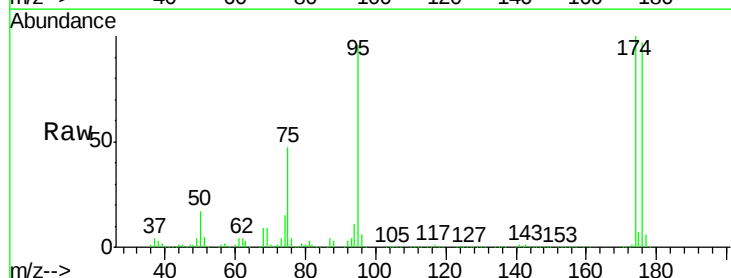
Instrument :
 MSVOA_X
 ClientSampleId :
 RT3075

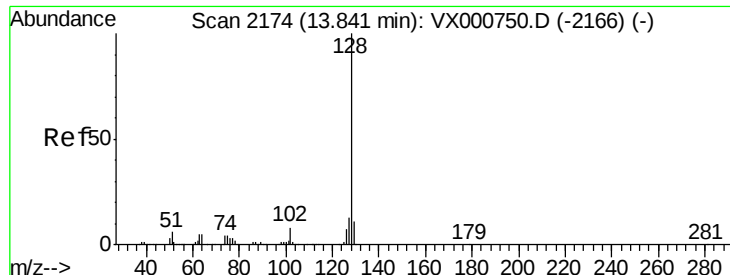
Tgt Ion: 75 Resp: 99878
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.08 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. 0.07 min
 Lab File: VX000783.D
 Acq: 11 Apr 2018 17:13

Tgt Ion: 75 Resp: 99878
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.4 113.0#
 89 0.0 40.9 61.3#

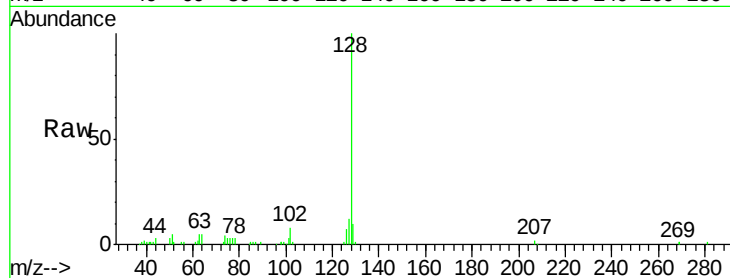




#95
Naphthalene
Concen: 0.92 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000783.D
Acq: 11 Apr 2018 17:13

Instrument :
MSVOA_X
ClientSampleId :
RT3075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	10.7	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

