

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002246.D
 Acq On : 02 Jun 2018 18:17
 Operator : JC/MD
 Sample : J3234-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0050

Quant Time: Jun 04 05:12:04 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	224189	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	5.51	113	162568	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
50) Toluene-d8	8.72	98	650995	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.14	95	228131	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	415	Below Cal	#	62
6) Chloroethane	1.73	64	917	0.44	ug/l	# 80
8) Diethyl Ether	2.19	74	184706	94.83	ug/l	99
10) Methyl Iodide	2.53	142	1295	0.32	ug/l	# 89
11) Tert butyl alcohol	3.08	59	10729	12.71	ug/l	# 91
13) Acrolein	2.29	56	206	0.56	ug/l	# 63
16) Acetone	2.45	43	3780	2.28	ug/l	91
18) Methyl Acetate	2.79	43	312	Below Cal	#	68
20) Methylene Chloride	2.86	84	833	Below Cal		88
21) trans-1,2-Dichloroethene	3.18	96	124	Below Cal	#	34
24) 1,1-Dichloroethane	3.70	63	10558	1.86	ug/l	99
25) 2-Butanone	4.72	43	1078	0.35	ug/l	# 90
28) Bromochloromethane	5.05	49	21	Below Cal	#	14
29) Tetrahydrofuran	5.17	42	26629	13.45	ug/l	100
36) 1,1-Dichloropropene	5.67	75	17391	3.59	ug/l	# 52
38) Carbon Tetrachloride	5.67	117	22706	4.02	ug/l	# 14
40) Benzene	6.15	78	13468	0.95	ug/l	97
41) Methacrylonitrile	5.18	41	15372	3.34	ug/l	# 54
42) 1,2-Dichloroethane	6.20	62	1168	0.21	ug/l	# 76
45) 1,2-Dichloropropane	7.52	63	3818	0.99	ug/l	96
49) 1,4-Dioxane	7.77	88	966	10.24	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	3305	0.52	ug/l	96
65) Chlorobenzene	10.15	112	39327	3.93	ug/l	99
67) Ethyl Benzene	10.26	91	12950	0.74	ug/l	98
68) m/p-Xylenes	10.36	106	11018	1.66	ug/l	97
69) o-Xylene	10.70	106	3075	0.46	ug/l	95
73) Isopropylbenzene	11.02	105	5934	0.40	ug/l	92
74) N-amyl acetate	6.49	43	1293	Below Cal	#	60
75) 1,1,2,2-Tetrachloroethane	11.27	83	132	Below Cal	#	44
76) 1,2,3-Trichloropropane	11.14	75	122982	28.95	ug/l	# 32
79) 2-Chlorotoluene	11.43	91	394	Below Cal	#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	122982	69.59	ug/l	# 10
84) 1,2,4-Trimethylbenzene	11.81	105	2671	0.20	ug/l	98
87) 1,3-Dichlorobenzene	12.10	146	14176	1.99	ug/l	82

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Response via : Initial Calibration

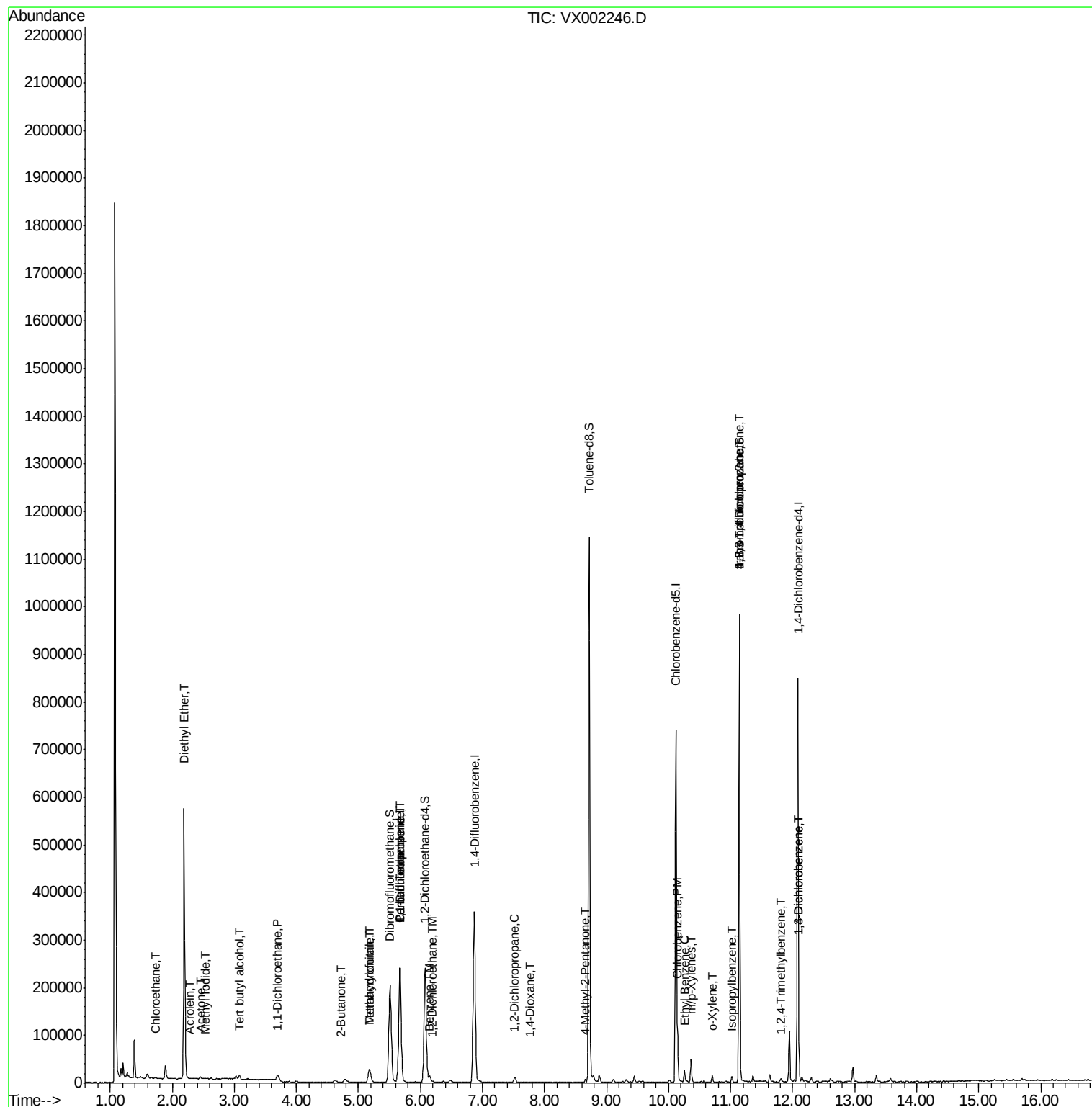
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	12.10	146	14176	1.99	ug/l	82

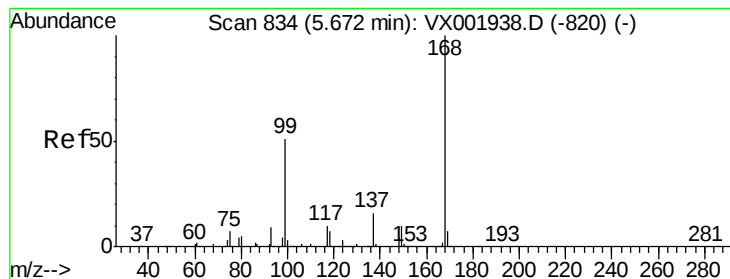
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

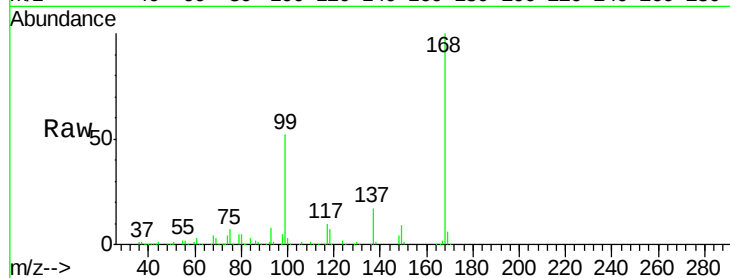
LF6-0050

Tot Ion:168 Resp: 240610

Ion Ratio Lower Upper

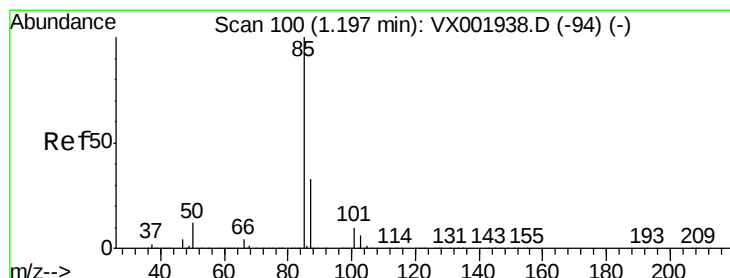
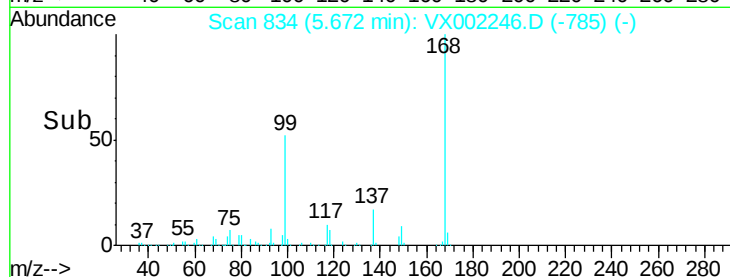
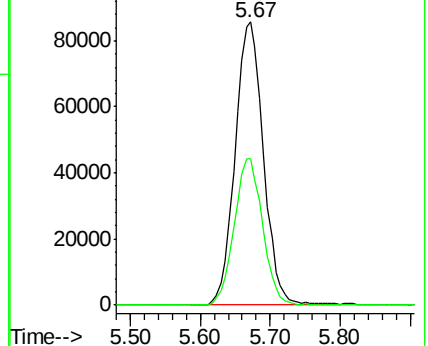
168 100

99 51.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.21 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX002246.D

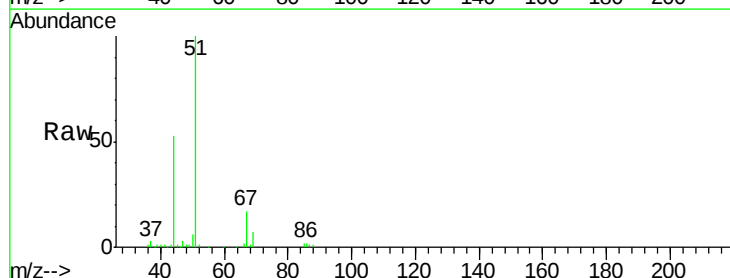
Acq: 02 Jun 2018 18:17

Tgt Ion: 85 Resp: 415

Ion Ratio Lower Upper

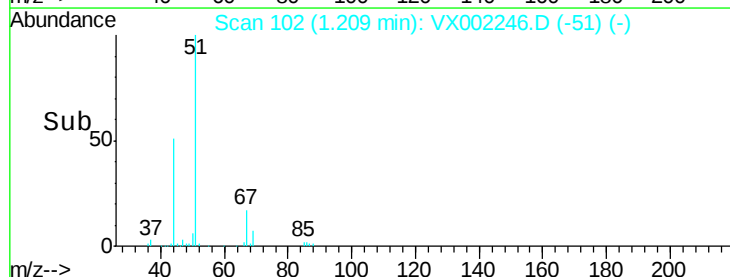
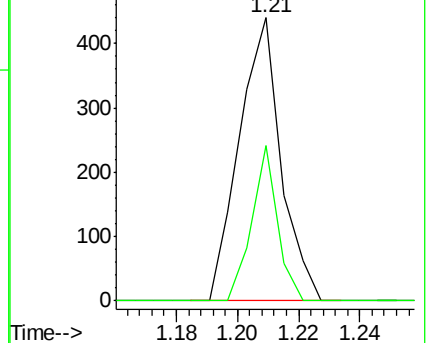
85 100

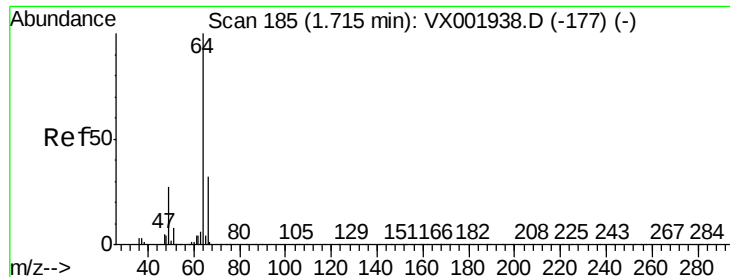
87 55.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#6

Chloroethane

Concen: 0.44 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampled :

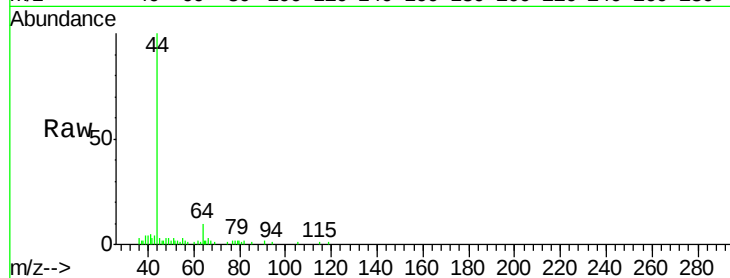
LF6-0050

Tot Ion: 64 Resp: 917

Ion Ratio Lower Upper

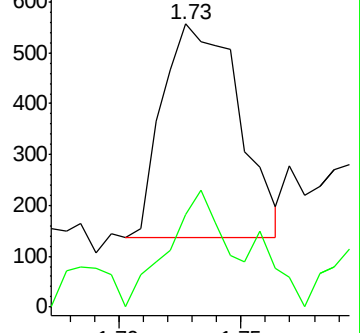
64 100

66 43.2 25.6 38.4#

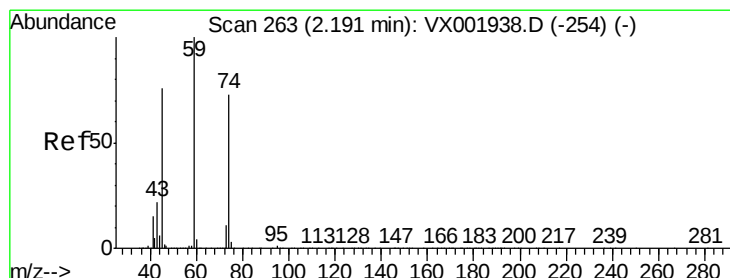
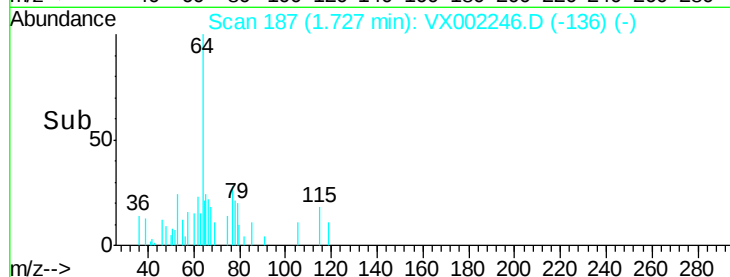


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#8

Diethyl Ether

Concen: 94.83 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002246.D

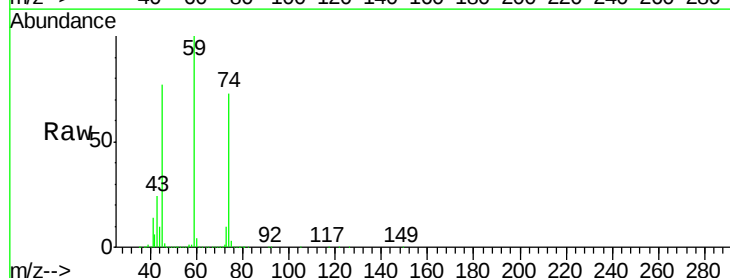
Acq: 02 Jun 2018 18:17

Tgt Ion: 74 Resp: 184706

Ion Ratio Lower Upper

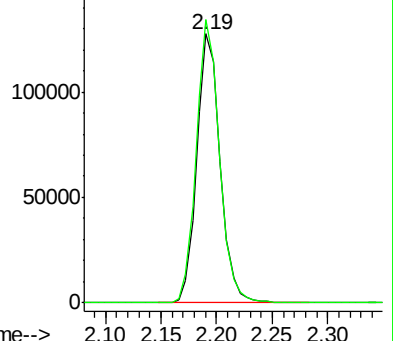
74 100

45 104.4 51.5 154.7

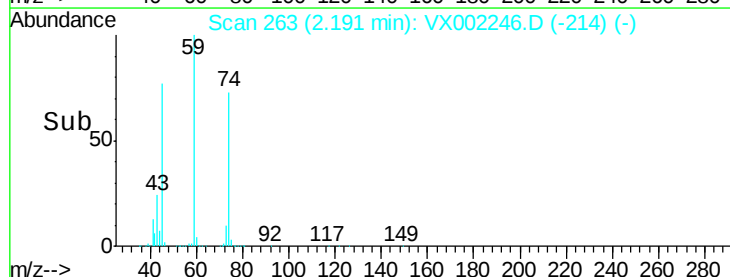


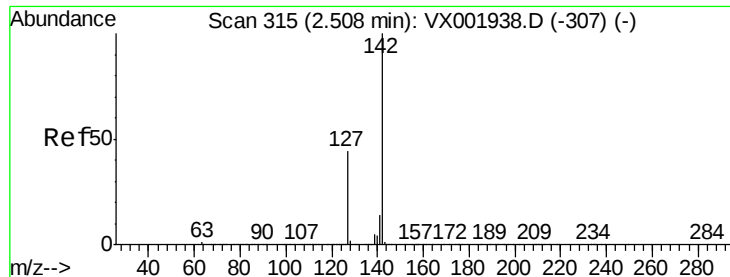
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->

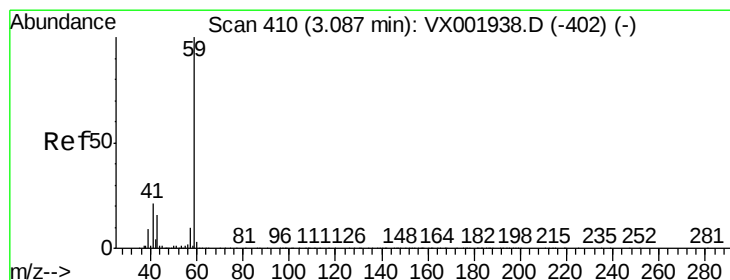
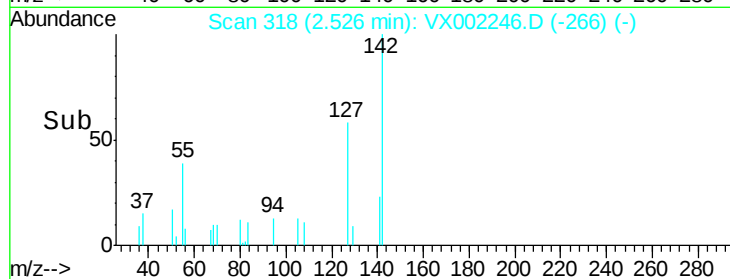
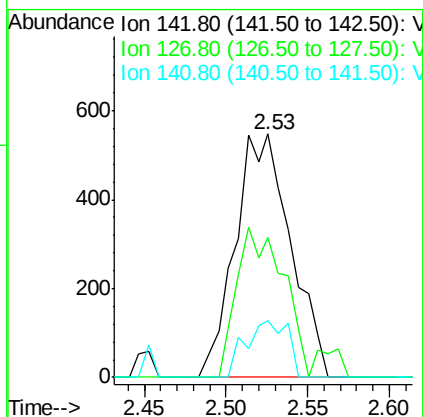
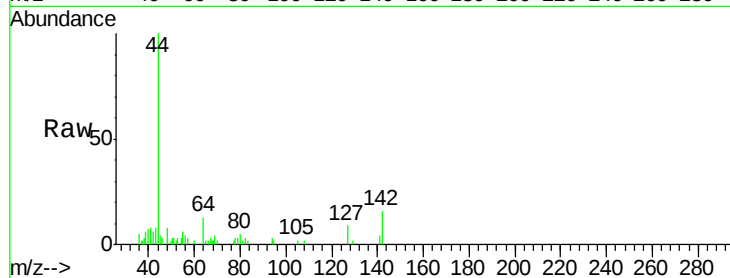




#10
Methvl Iodide
Concen: 0.32 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

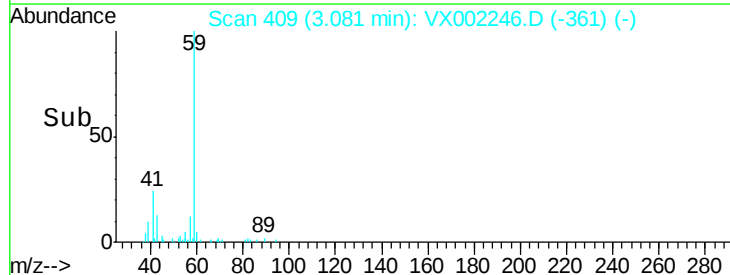
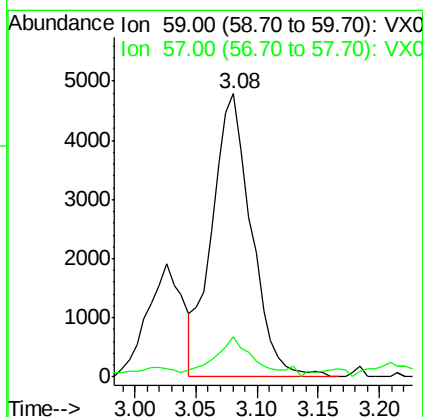
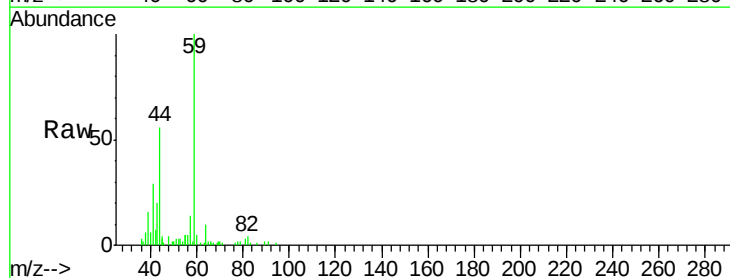
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050

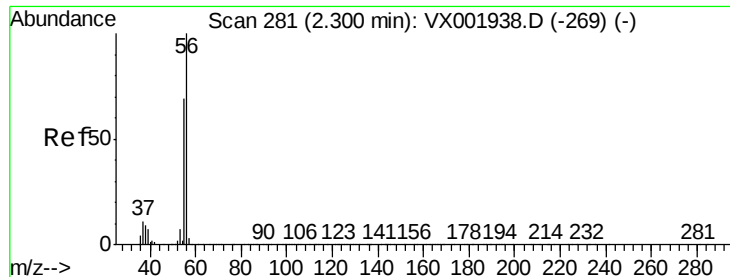
Tot Ion	Ratio	Lower	Upper
142	100		
127	52.0	35.5	53.3
141	17.5	11.3	16.9#



#11
Tert butyl alcohol
Concen: 12.71 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion	Ratio	Lower	Upper
59	100		
57	14.4	8.9	13.3#





#13

Acrolein

Concen: 0.56 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampled :

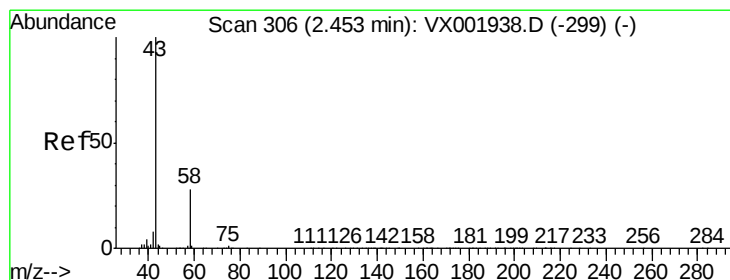
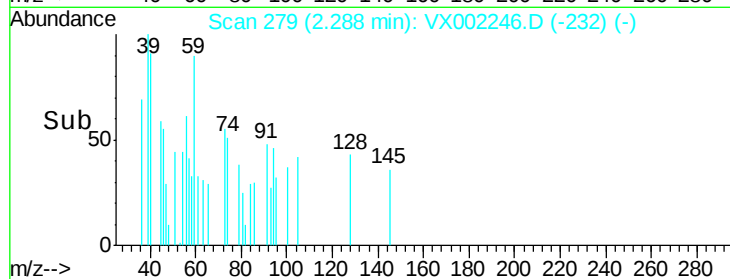
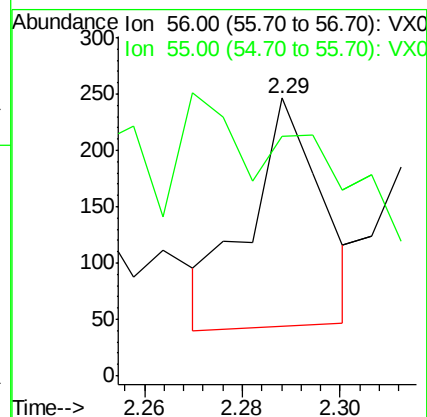
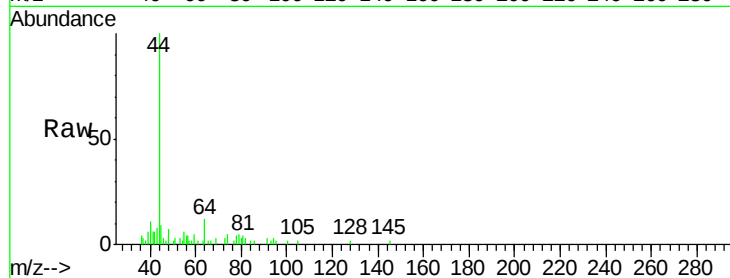
LF6-0050

Tot Ion: 56 Resp: 206

Ion Ratio Lower Upper

56 100

55 40.8 56.8 85.2#



#16

Acetone

Concen: 2.28 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002246.D

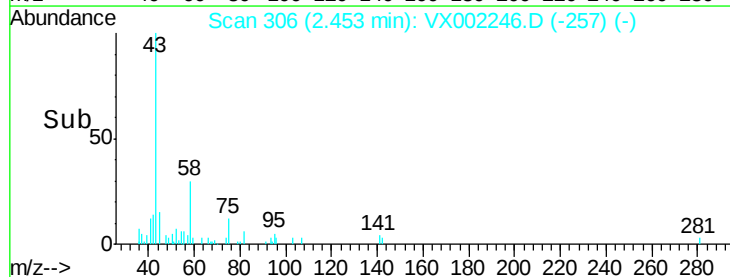
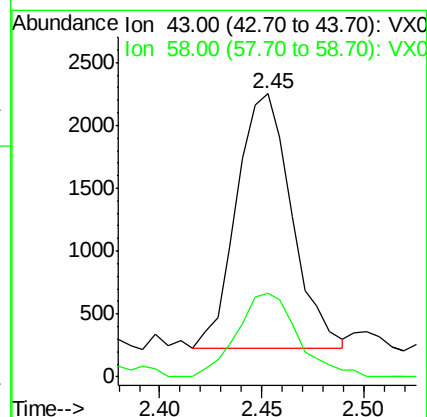
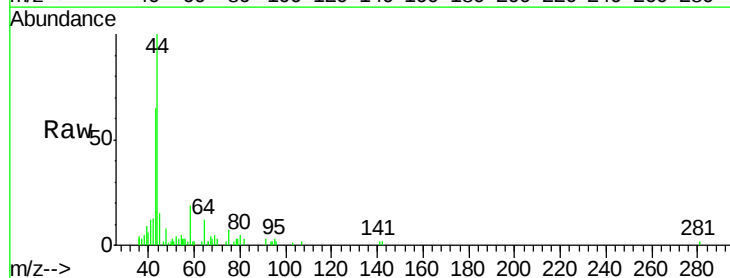
Acq: 02 Jun 2018 18:17

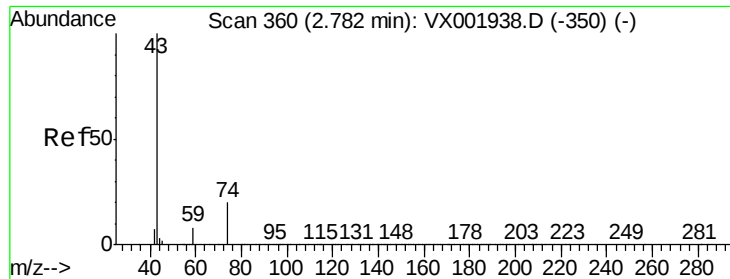
Tgt Ion: 43 Resp: 3780

Ion Ratio Lower Upper

43 100

58 32.7 22.3 33.5

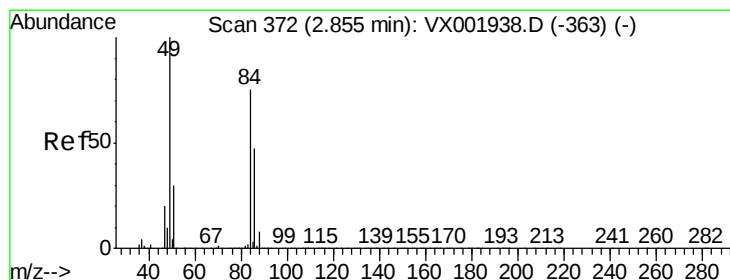
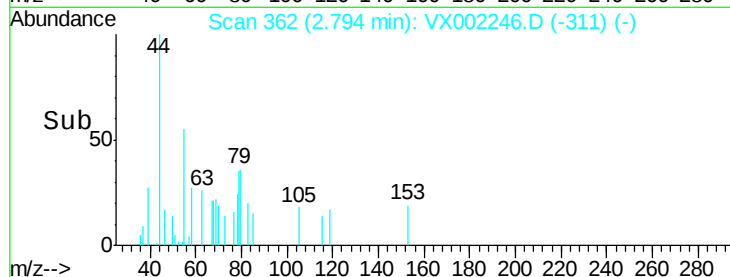
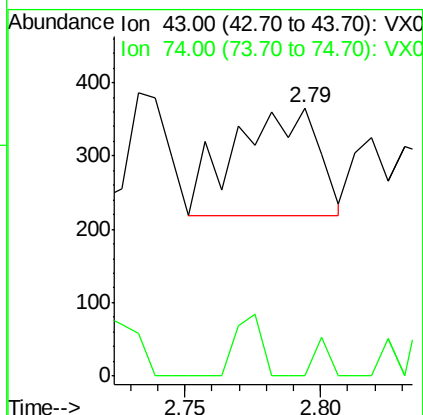
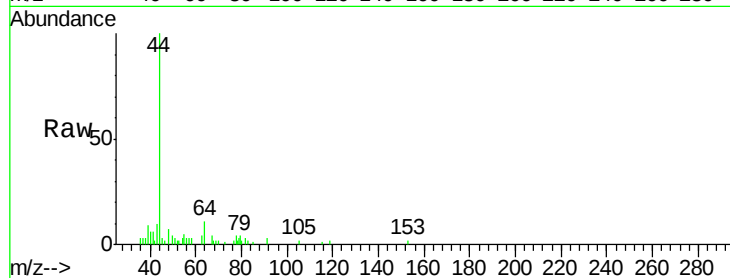




#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 362
Delta R.T. 0.01 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

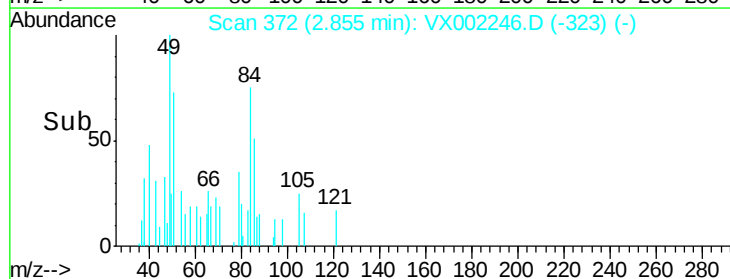
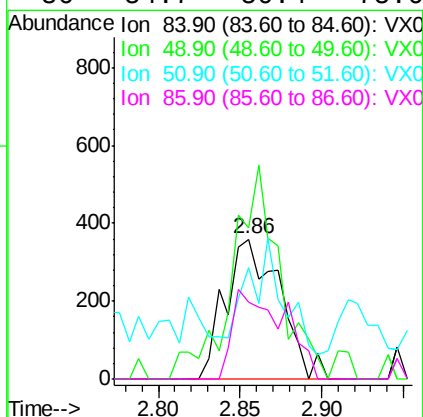
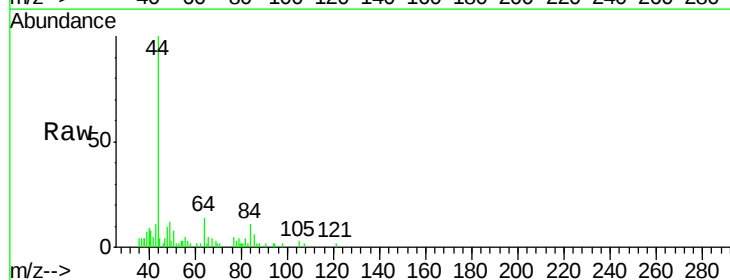
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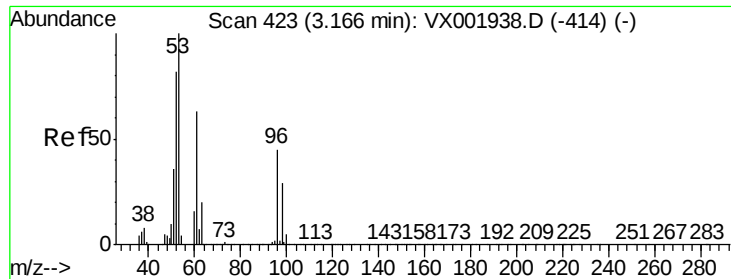
Tot Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 6.1 16.8 25.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion: 84 Resp: 833
Ion Ratio Lower Upper
84 100
49 115.6 107.2 160.8
51 38.3 32.4 48.6
86 54.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050

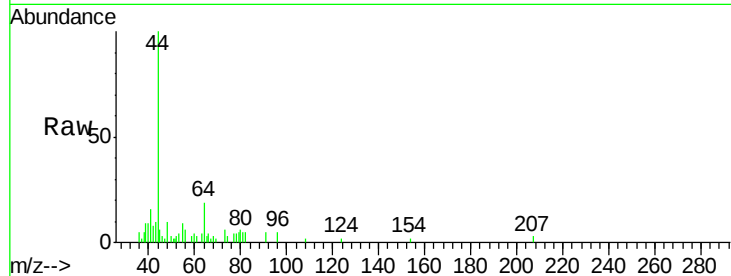
Tot Ion: 96 Resp: 124

Ion Ratio Lower Upper

96 100

61 69.6 113.3 169.9#

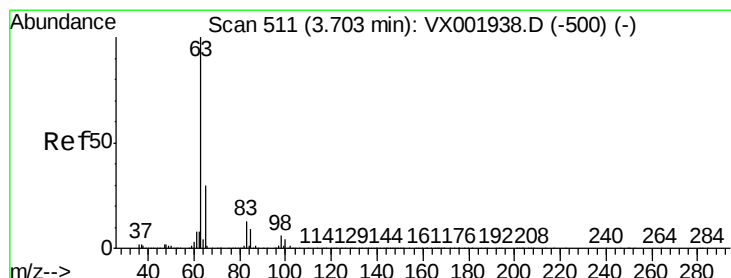
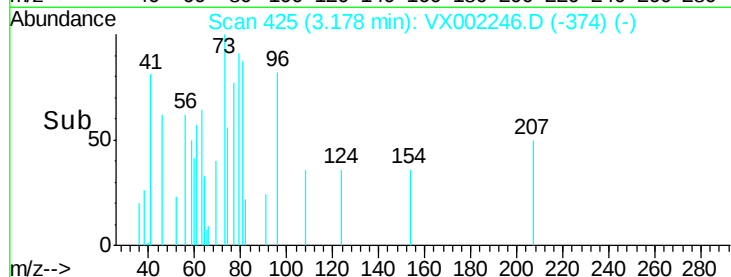
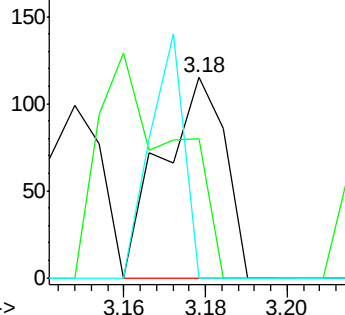
98 0.0 51.7 77.5#



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



#24

1,1-Dichloroethane

Concen: 1.86 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

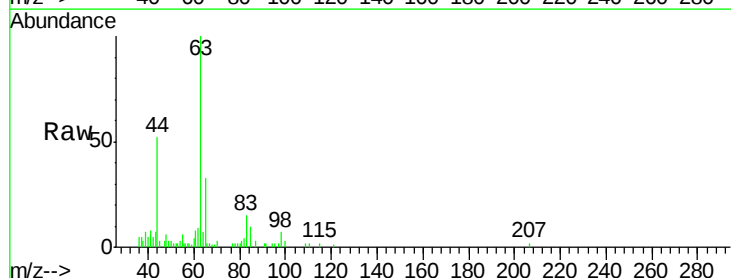
Tgt Ion: 63 Resp: 10558

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

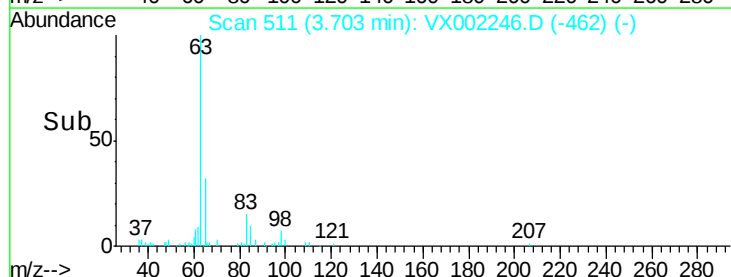
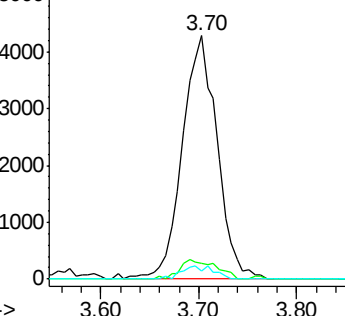
100 3.4 2.1 6.5

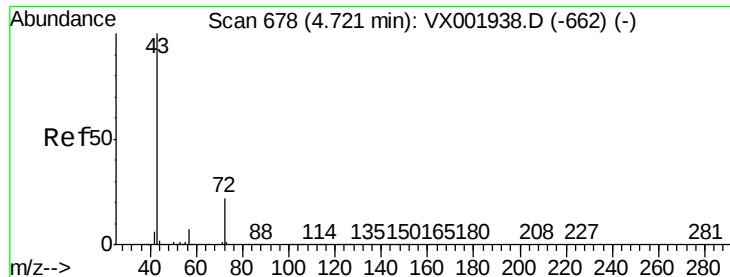


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 0.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampled :

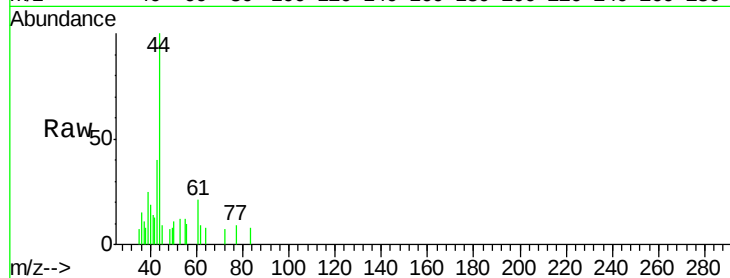
LF6-0050

Tot Ion: 43 Resp: 1078

Ion Ratio Lower Upper

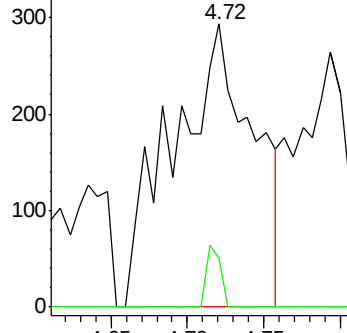
43 100

72 17.4 17.9 26.9#

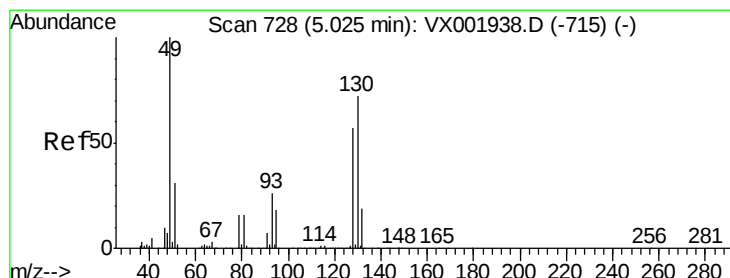
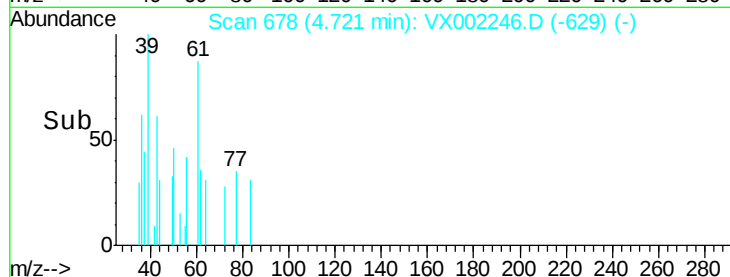


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#28

Bromochloromethane

Concen: Below Cal

RT: 5.05 min Scan# 732

Delta R.T. 0.02 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

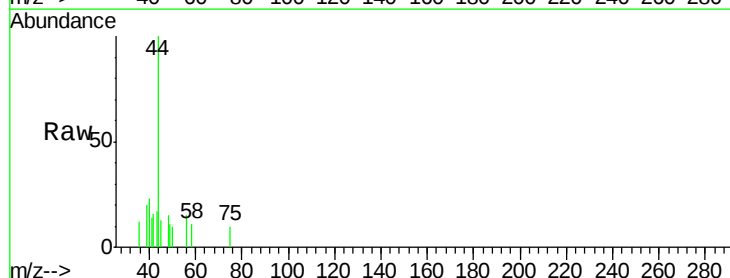
Tgt Ion: 49 Resp: 21

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

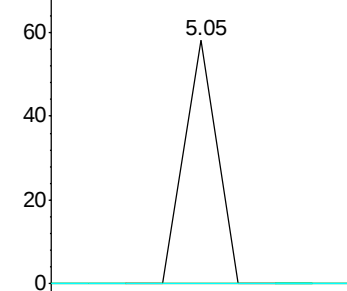
130 0.0 59.4 89.2#



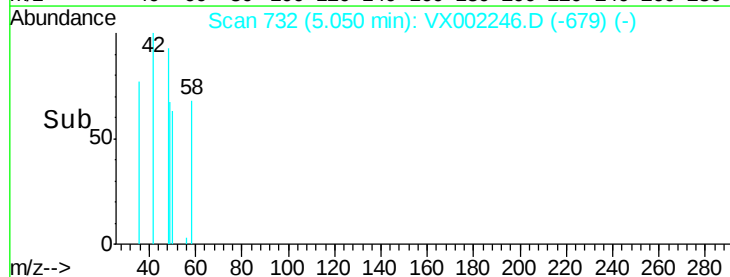
Abundance Ion 48.90 (48.60 to 49.60): VX0

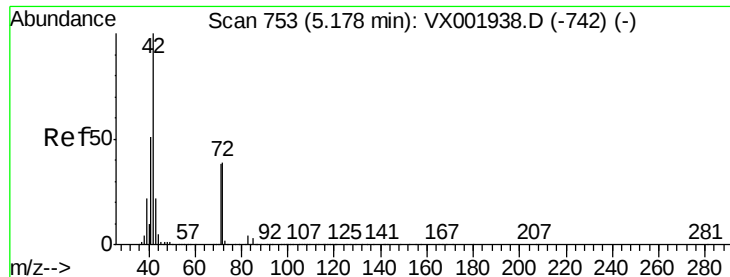
Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->

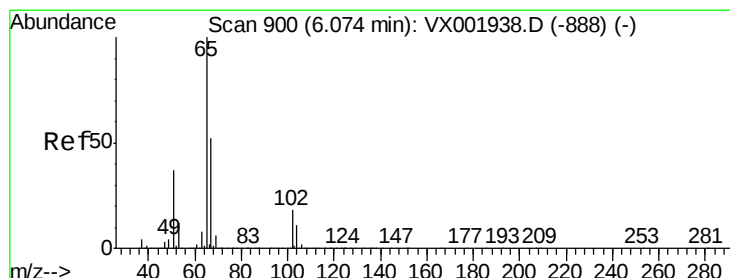
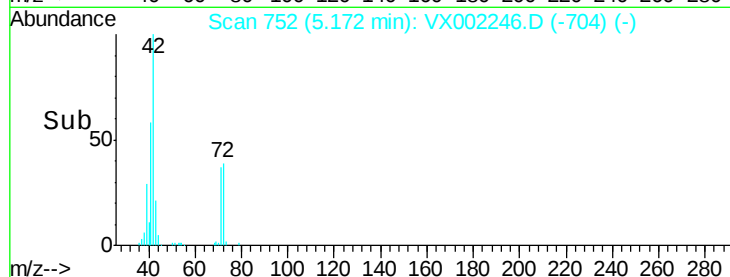
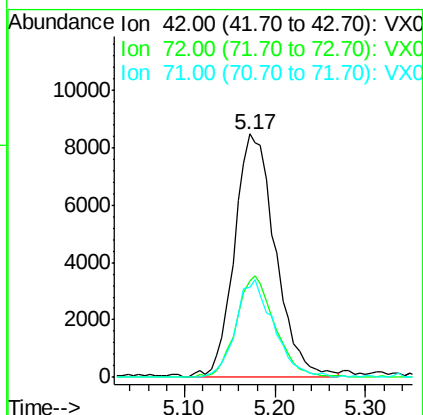
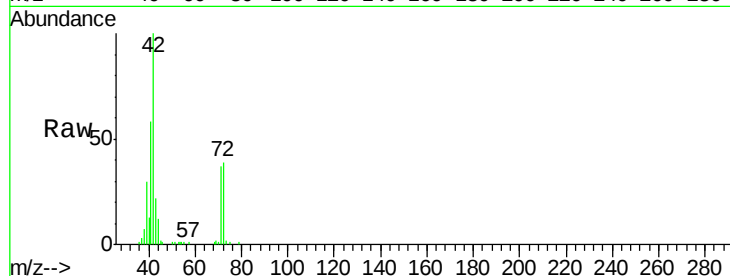




#29
Tetrahydrofuran
Concen: 13.45 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

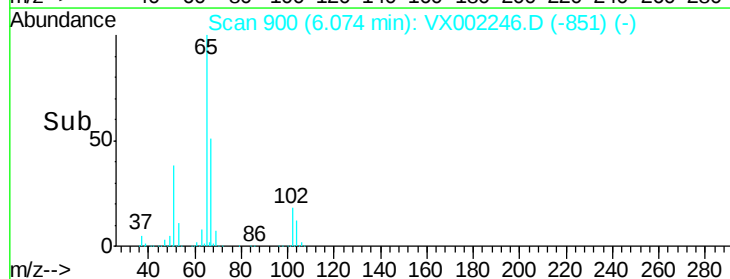
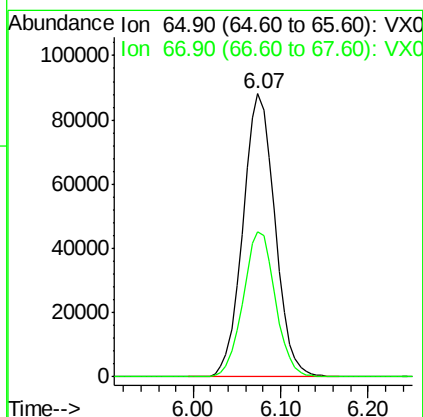
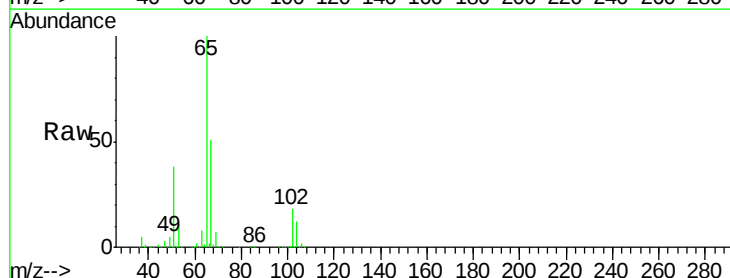
Instrument :
MSVOA_X
ClientSampled :
LF6-0050

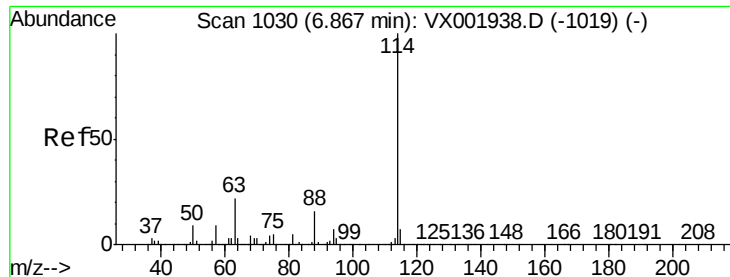
Tot Ion: 42 Resp: 26629
Ion Ratio Lower Upper
42 100
72 38.9 31.4 47.0
71 37.2 29.5 44.3



#33
1,2-Dichloroethane-d4
Concen: 52.13 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion: 65 Resp: 224189
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050

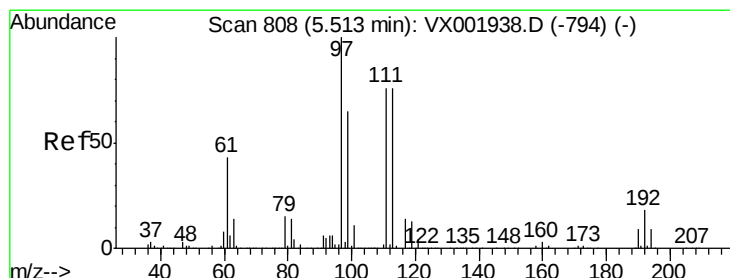
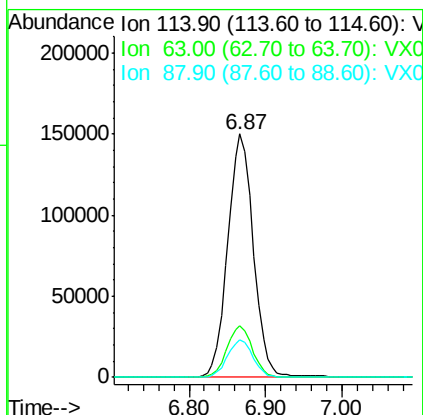
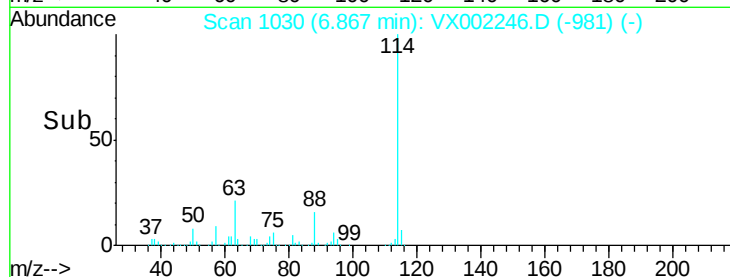
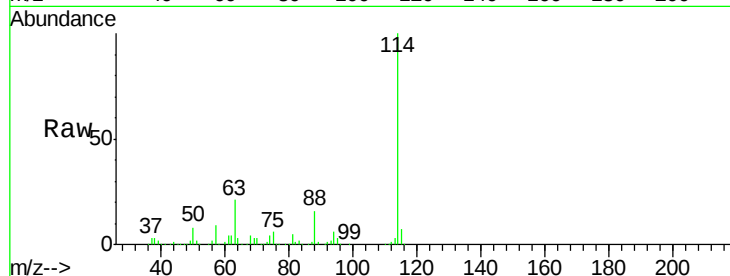
Tot Ion:114 Resp: 348159

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.2

88 15.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 46.69 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

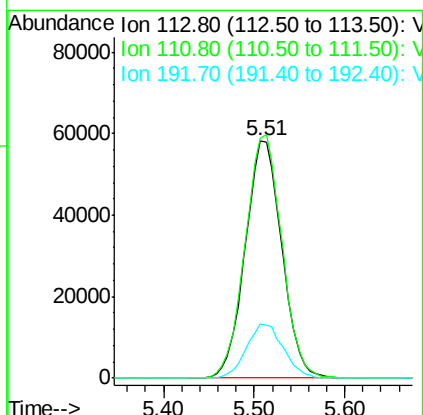
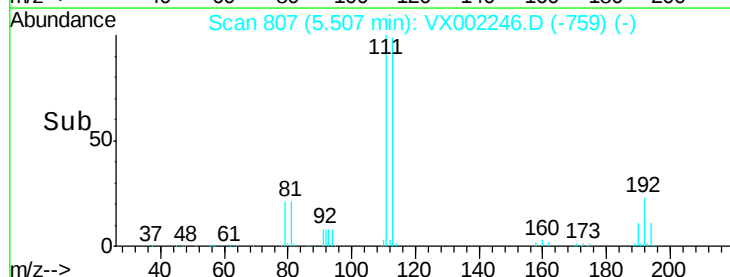
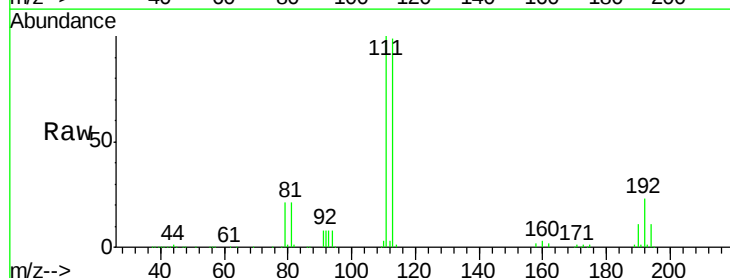
Tgt Ion:113 Resp: 162568

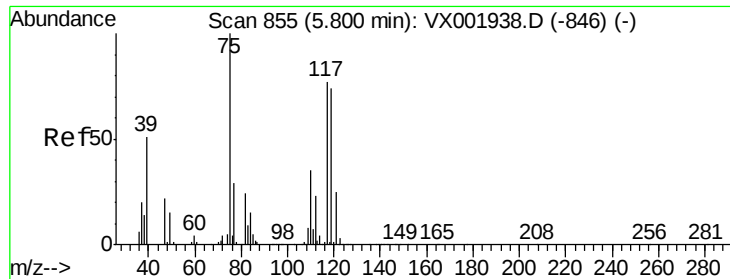
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 23.1 18.9 28.3

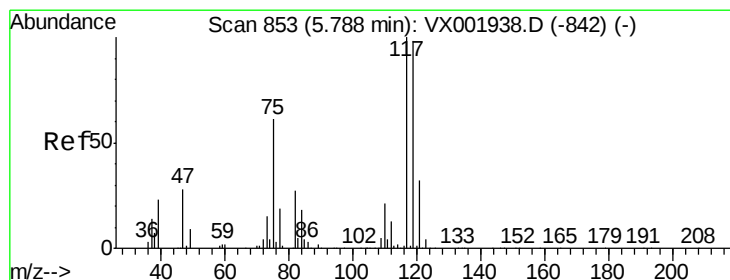
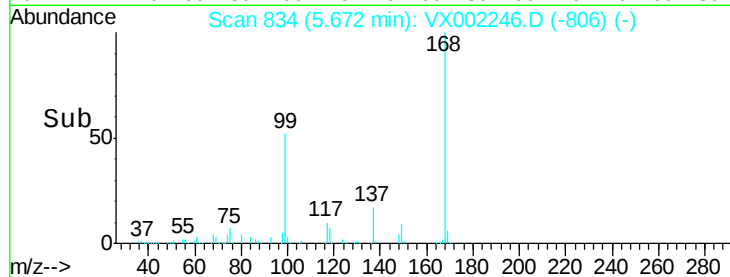
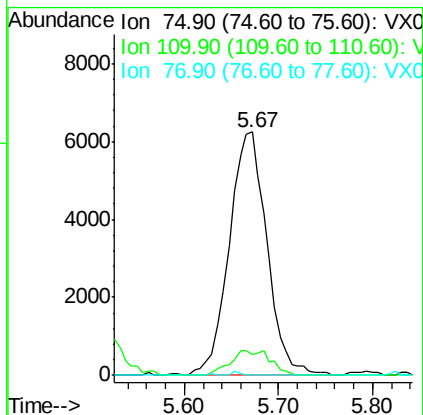
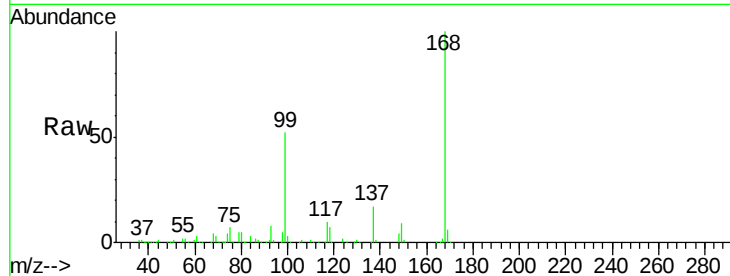




#36
 1,1-Dichloropropene
 Concen: 3.59 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002246.D
 Acq: 02 Jun 2018 18:17

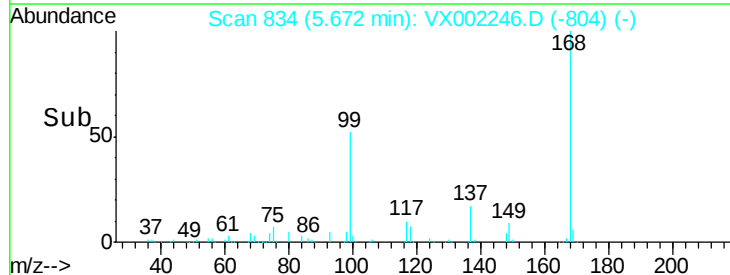
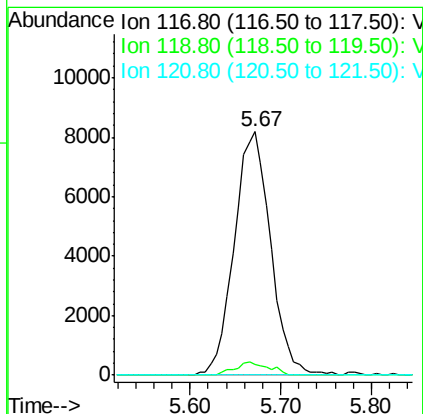
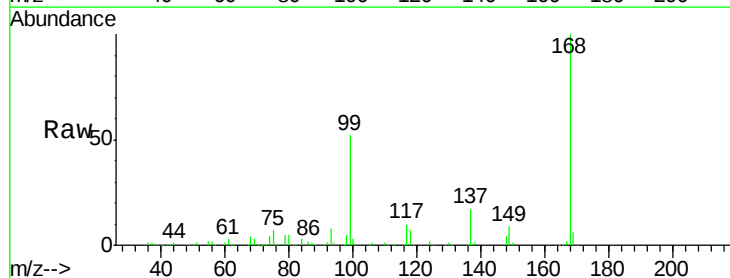
Instrument :
 MSVOA_X
 ClientSampled :
 LF6-0050

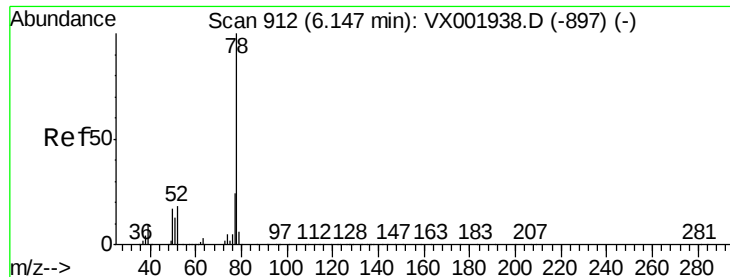
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.4	52.2#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 4.02 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX002246.D
 Acq: 02 Jun 2018 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.5	117.7#
121	0.0	25.5	38.3#





#40

Benzene

Concen: 0.95 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

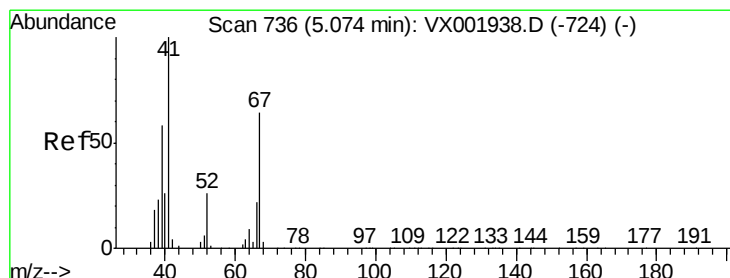
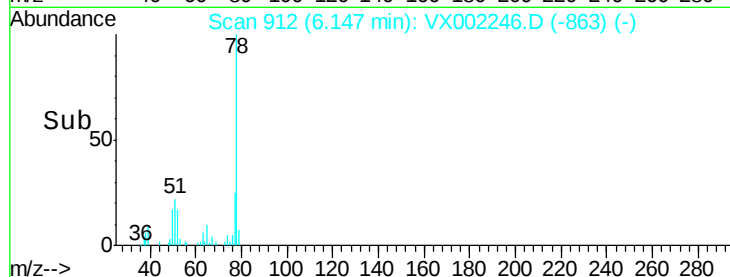
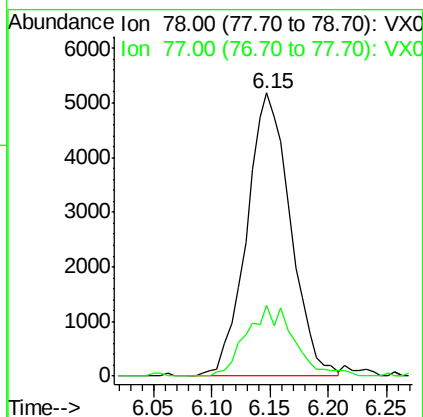
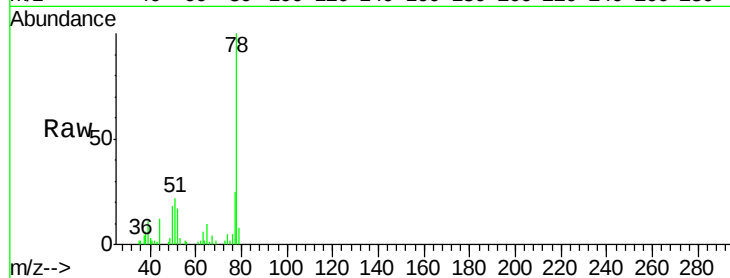
LF6-0050

Tot Ion: 78 Resp: 13468

Ion Ratio Lower Upper

78 100

77 25.2 19.1 28.7



#41

Methacrylonitrile

Concen: 3.34 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.10 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Tgt Ion: 41 Resp: 15372

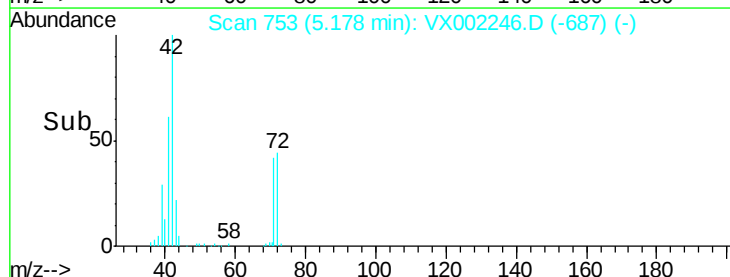
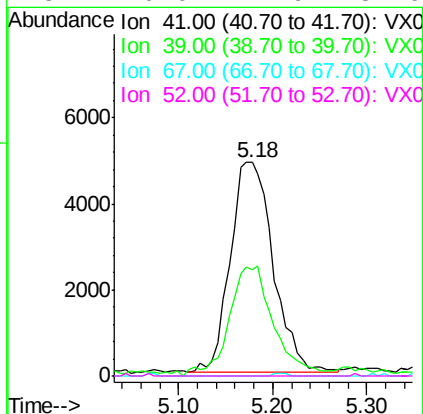
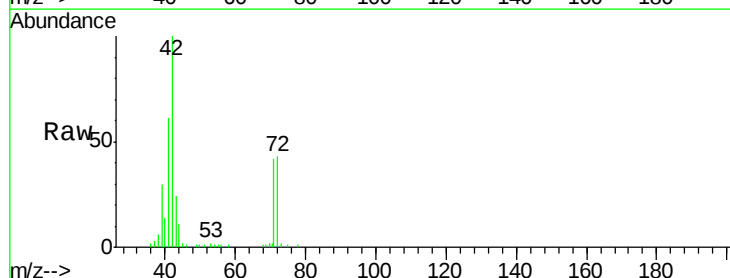
Ion Ratio Lower Upper

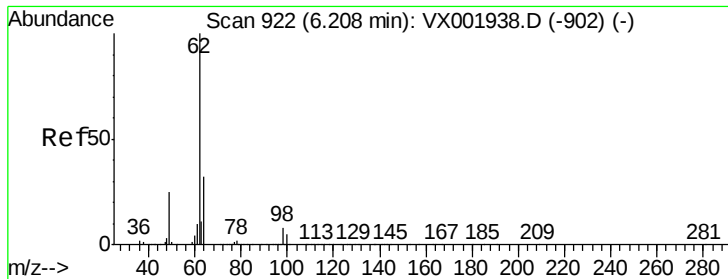
41 100

39 54.6 46.0 69.0

67 0.0 50.6 75.8#

52 0.0 21.9 32.9#





#42

1,2-Dichloroethane

Concen: 0.21 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

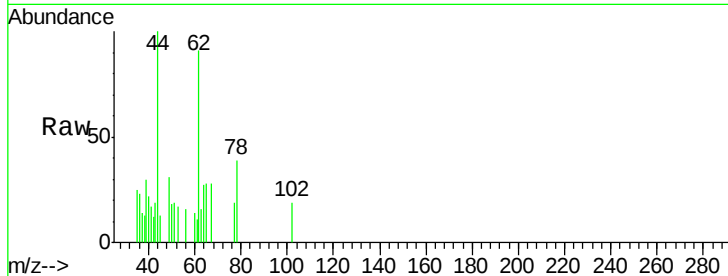
LF6-0050

Tot Ion: 62 Resp: 1168

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

500

400

300

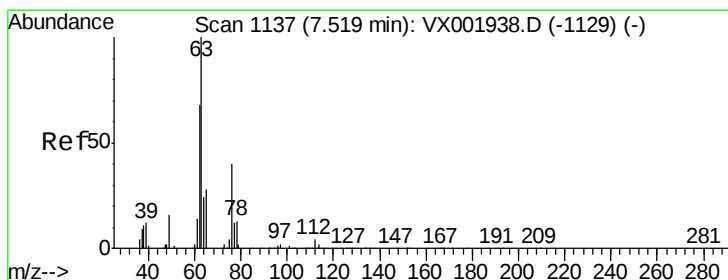
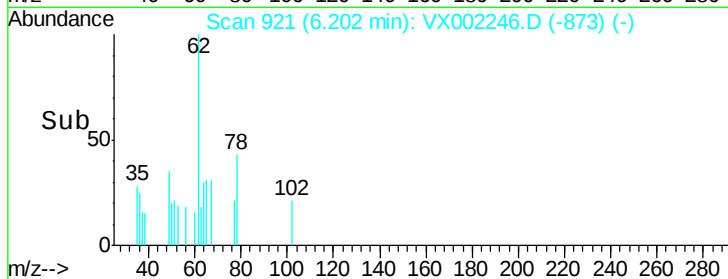
200

100

0

6.15 6.20 6.25 6.30

Time-->



#45

1,2-Dichloropropane

Concen: 0.99 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002246.D

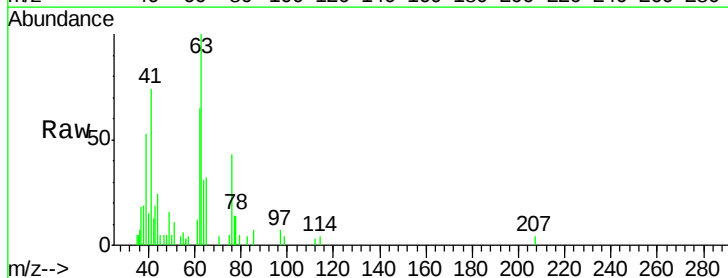
Acq: 02 Jun 2018 18:17

Tgt Ion: 63 Resp: 3818

Ion Ratio Lower Upper

63 100

65 32.5 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

2000

1500

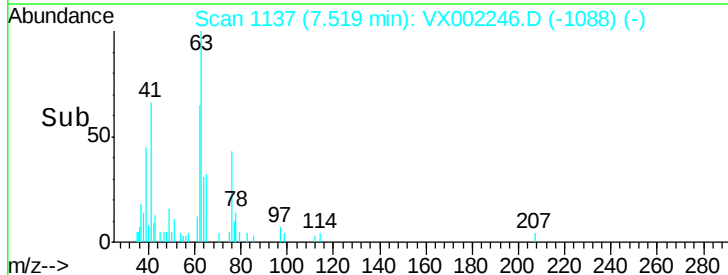
1000

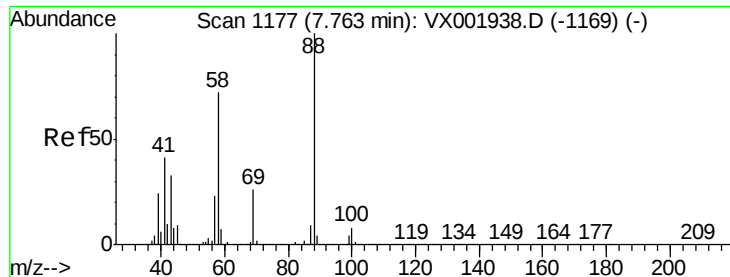
500

0

7.45 7.50 7.55 7.60

Time-->

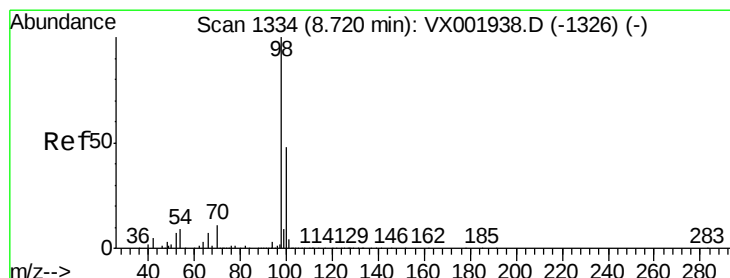
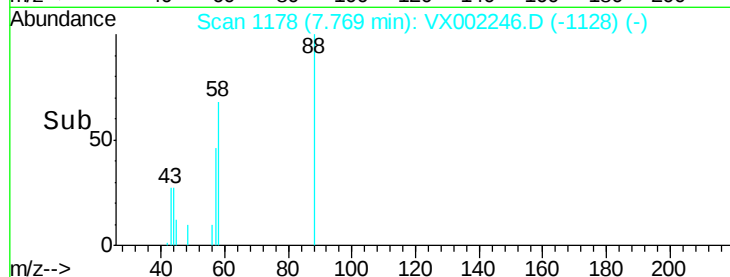
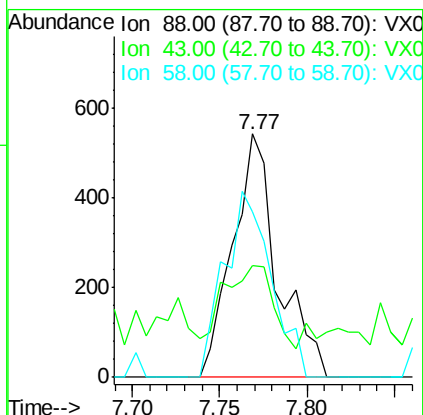
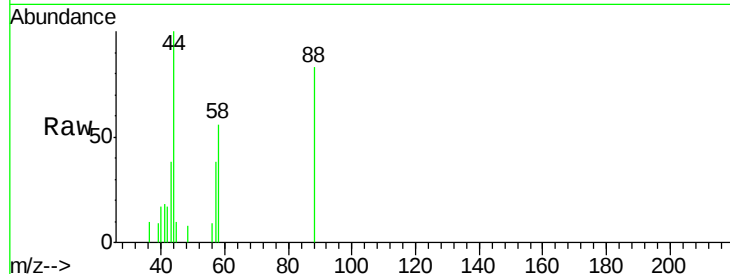




#49
1,4-Dioxane
Concen: 10.24 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

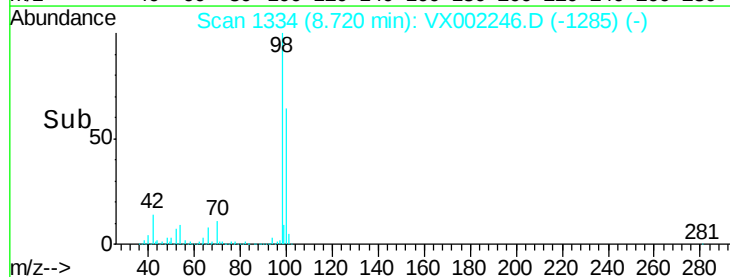
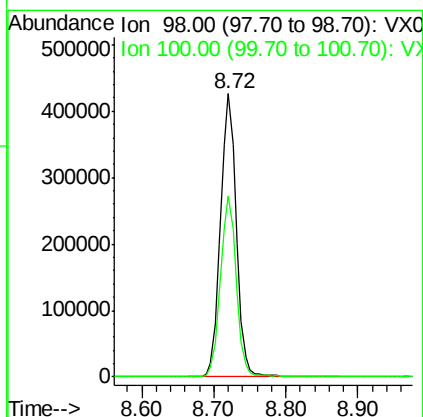
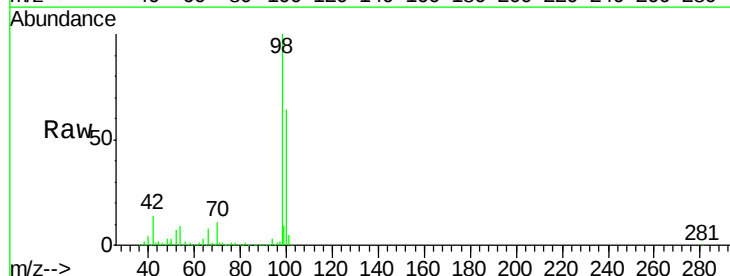
Instrument :
MSVOA_X
ClientSampled :
LF6-0050

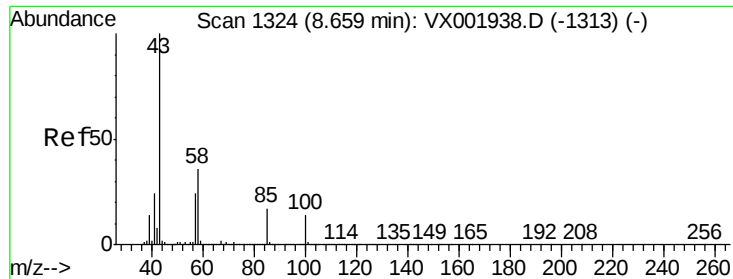
Tot Ion: 88 Resp: 966
Ion Ratio Lower Upper
88 100
43 36.6 29.8 44.8
58 79.7 58.7 88.1



#50
Toluene-d8
Concen: 51.65 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion: 98 Resp: 650995
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3

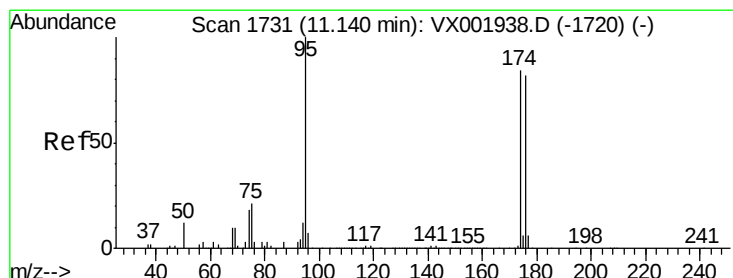
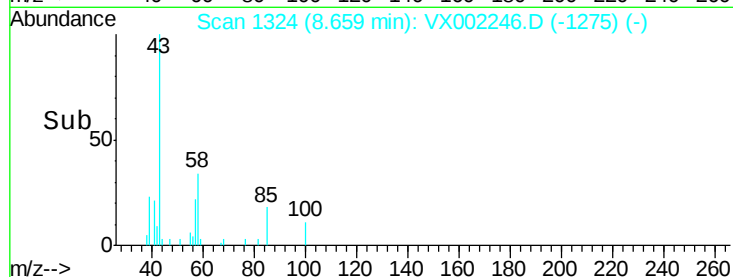
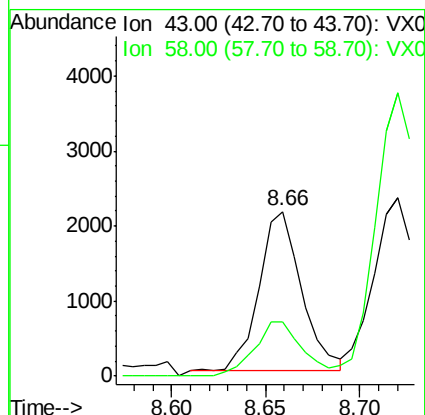
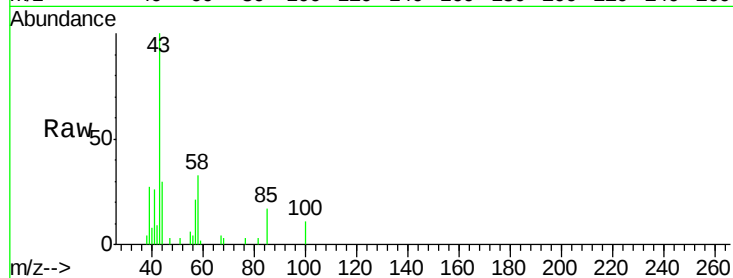




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

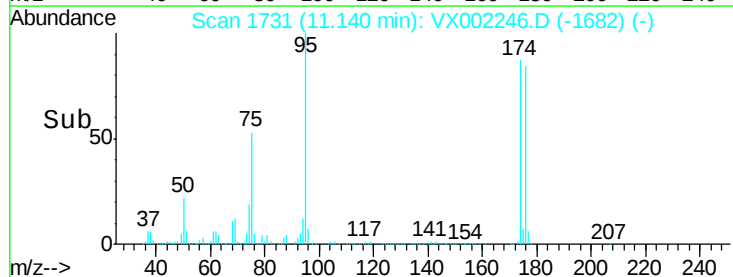
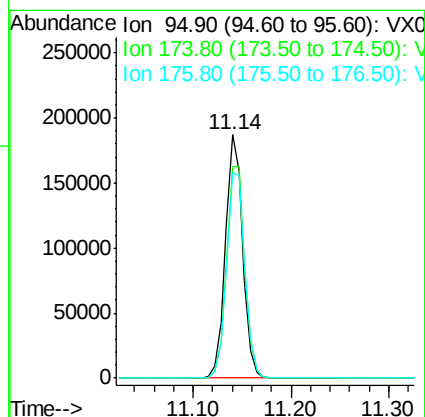
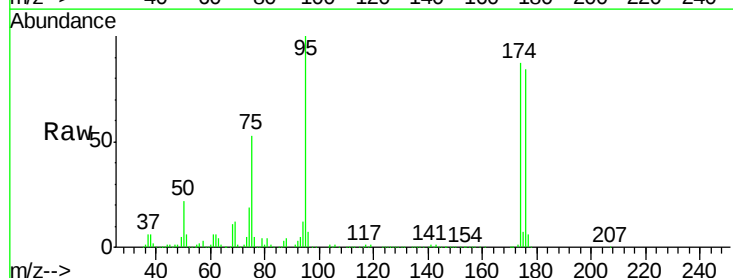
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050

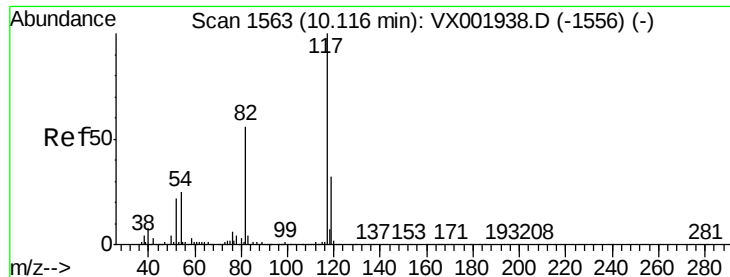
Tot Ion: 43 Resp: 3305
Ion Ratio Lower Upper
43 100
58 38.2 28.5 42.7



#62
4-Bromofluorobenzene
Concen: 46.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion: 95 Resp: 228131
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.8
176 89.7 0.0 175.6

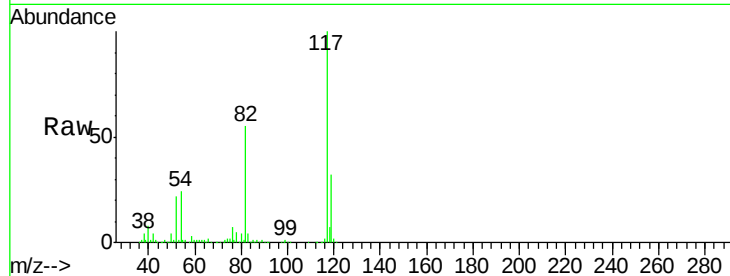




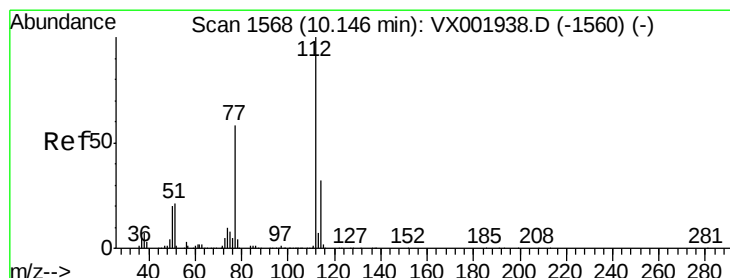
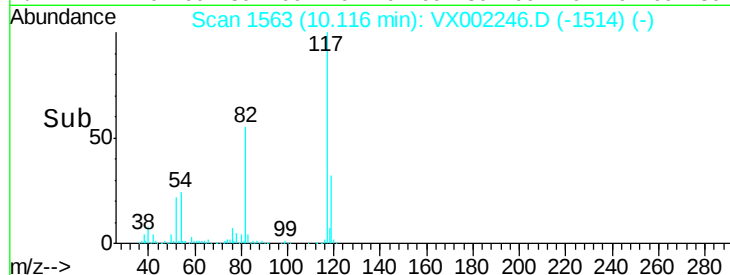
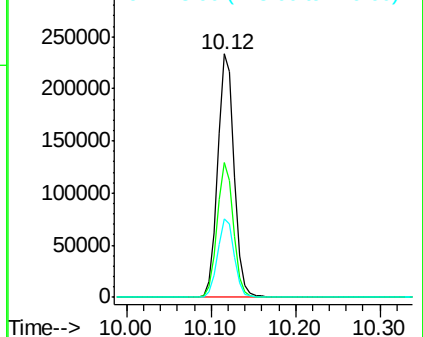
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Instrument :
MSVOA_X
ClientSampled :
LF6-0050

Tot Ion:117 Resp: 316054
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.5 25.5 38.3

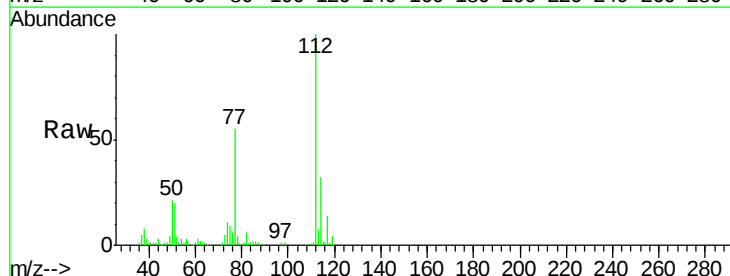


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

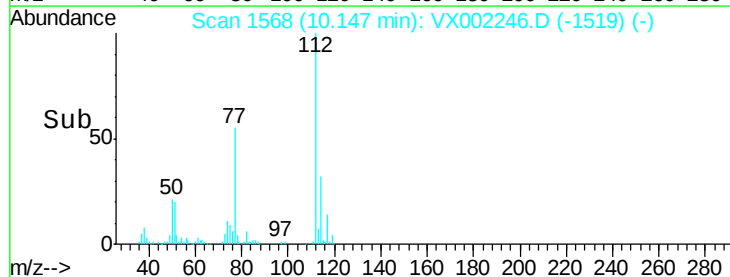
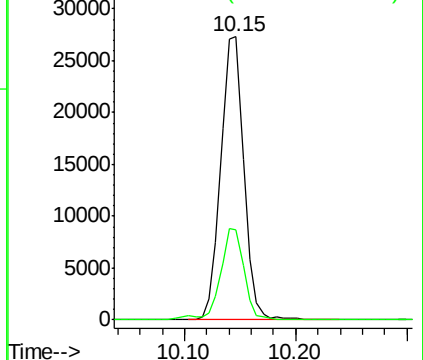


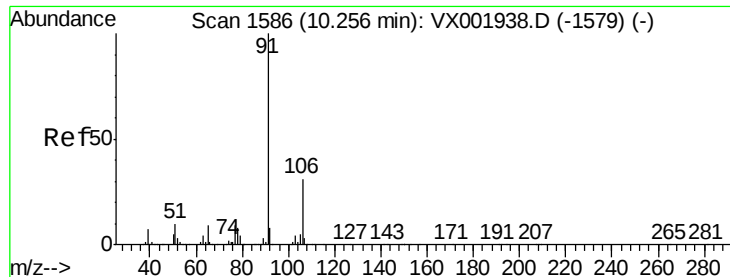
#65
Chlorobenzene
Concen: 3.93 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion:112 Resp: 39327
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 0.74 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

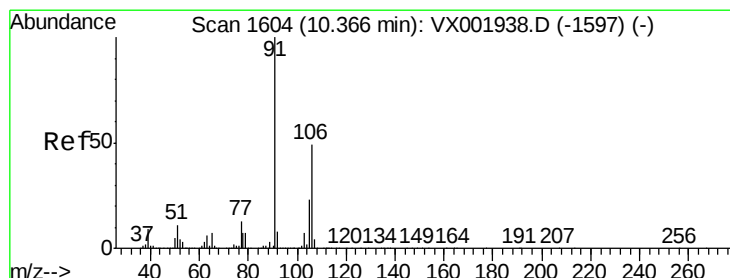
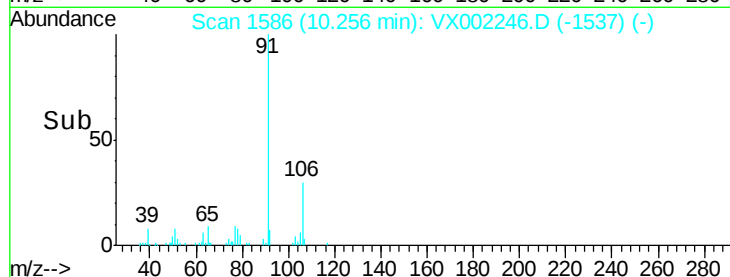
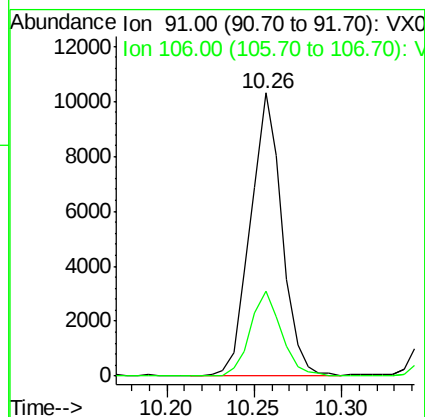
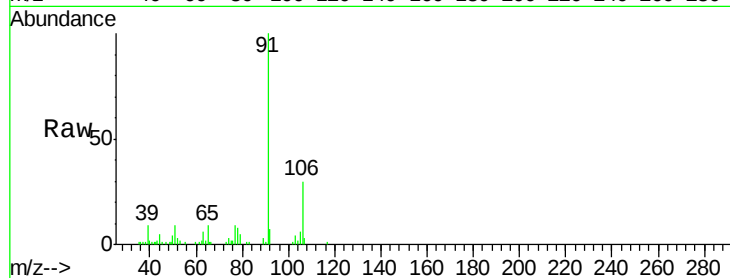
LF6-0050

Tot Ion: 91 Resp: 12950

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.6



#68

m/p-Xylenes

Concen: 1.66 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002246.D

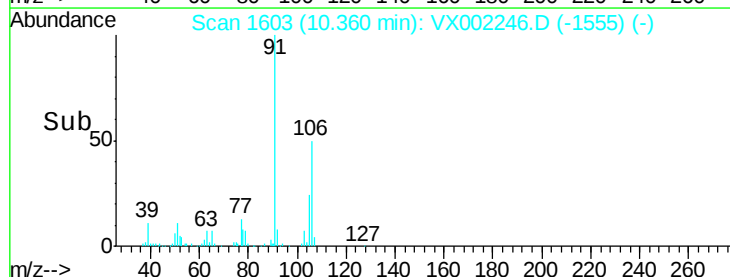
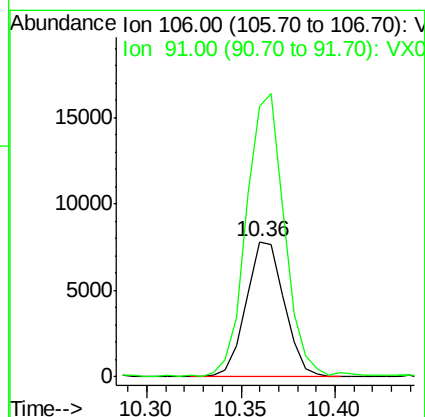
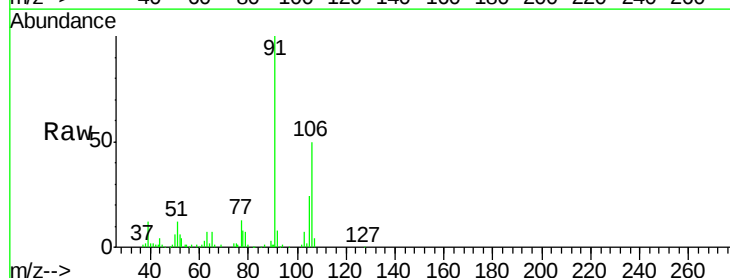
Acq: 02 Jun 2018 18:17

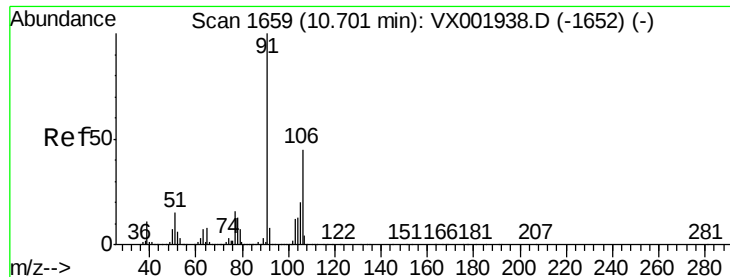
Tgt Ion: 106 Resp: 11018

Ion Ratio Lower Upper

106 100

91 211.7 165.0 247.6

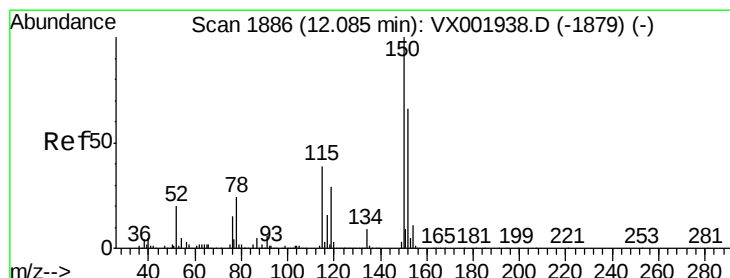
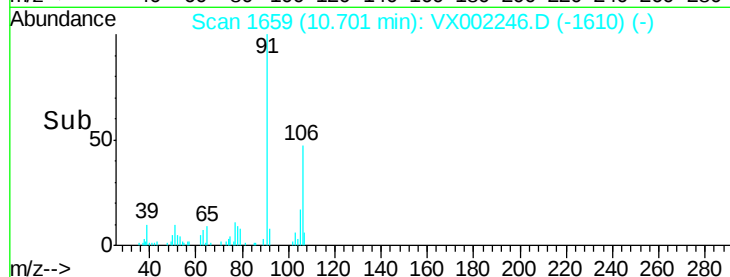
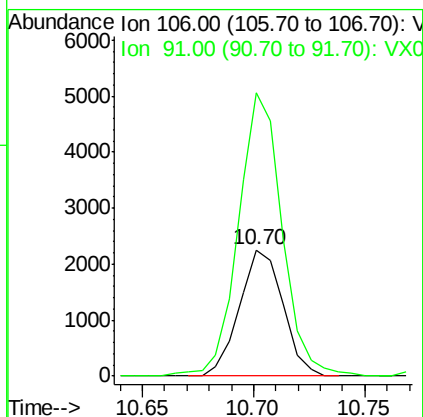
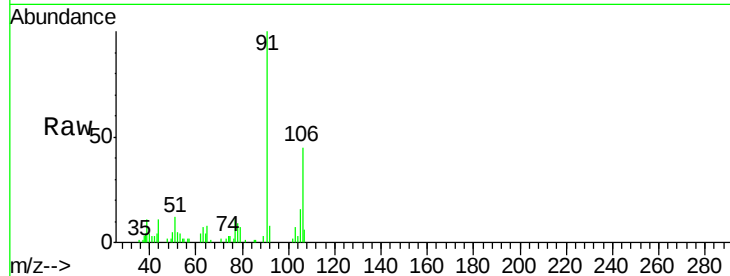




#69
o-Xylene
Concen: 0.46 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

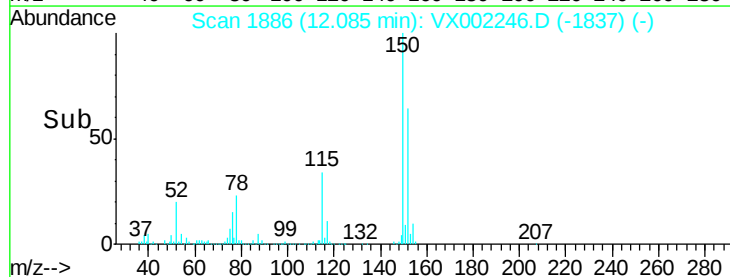
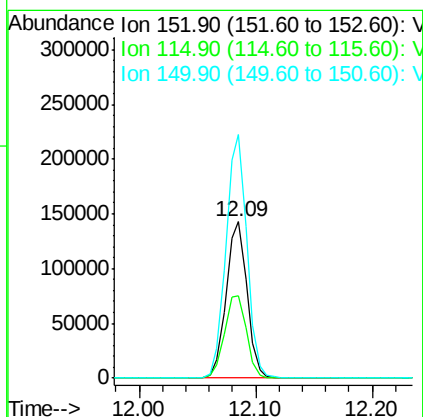
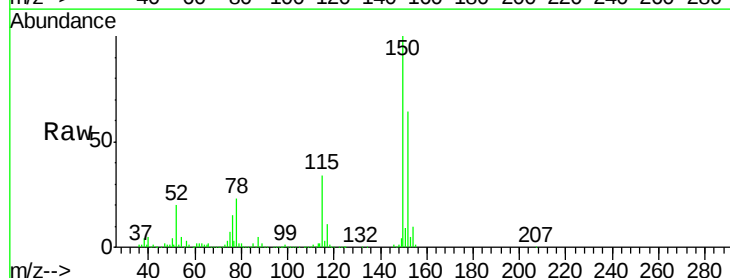
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050

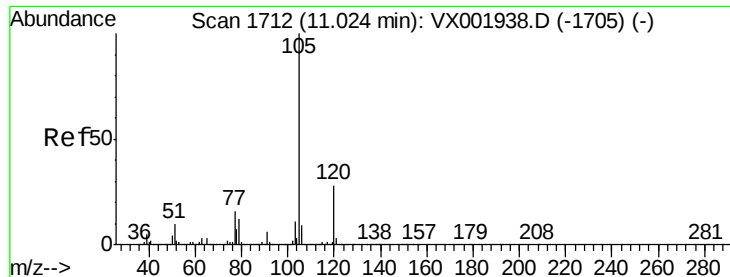
Tot Ion:106 Resp: 3075
Ion Ratio Lower Upper
106 100
91 225.1 108.7 325.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion:152 Resp: 176841
Ion Ratio Lower Upper
152 100
115 55.6 42.3 126.8
150 156.1 0.0 351.0





#73

Isopropylbenzene

Concen: 0.40 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

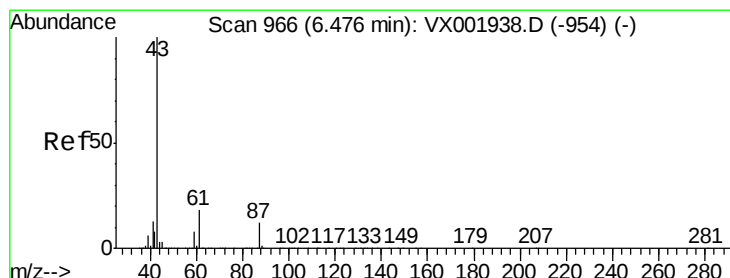
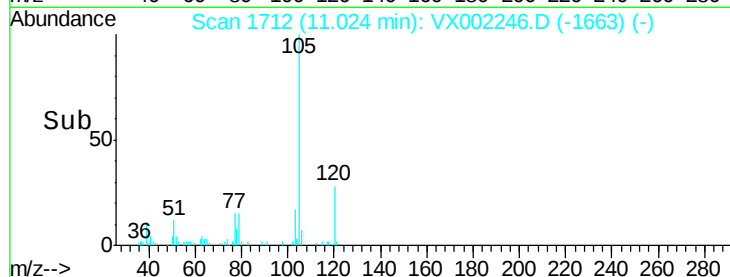
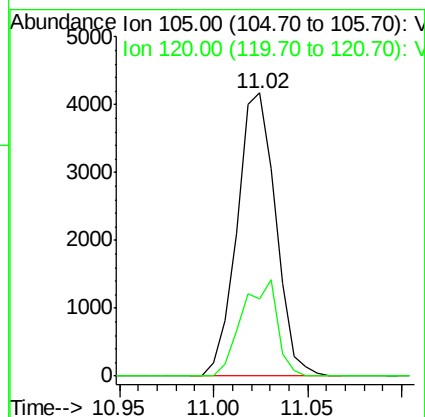
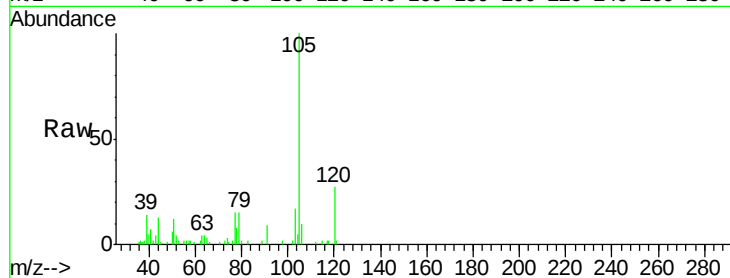
LF6-0050

Tot Ion:105 Resp: 5934

Ion Ratio Lower Upper

105 100

120 31.0 13.6 40.7



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Tgt Ion: 43 Resp: 1293

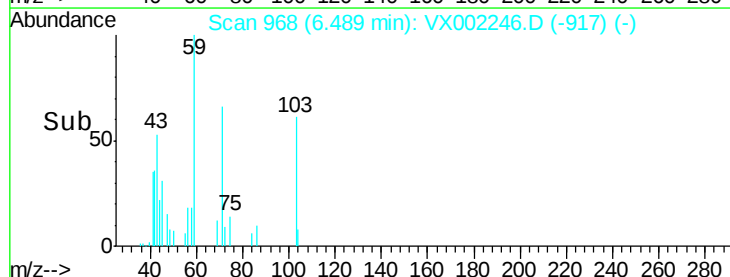
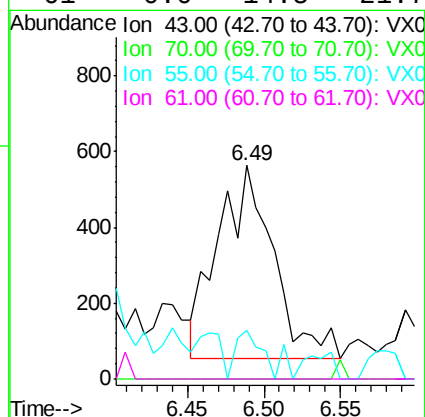
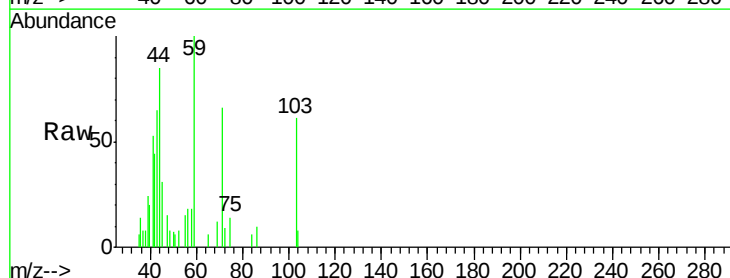
Ion Ratio Lower Upper

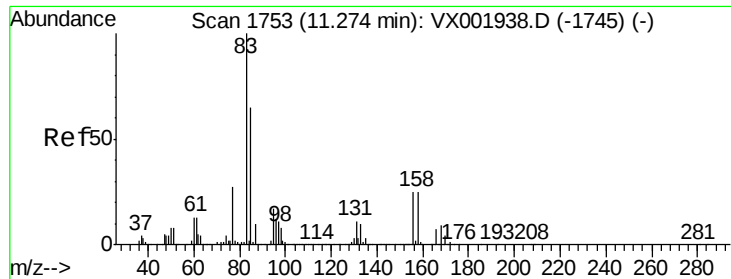
43 100

70 0.0 0.1 0.1#

55 11.2 0.1 0.1#

61 0.0 14.5 21.7#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050

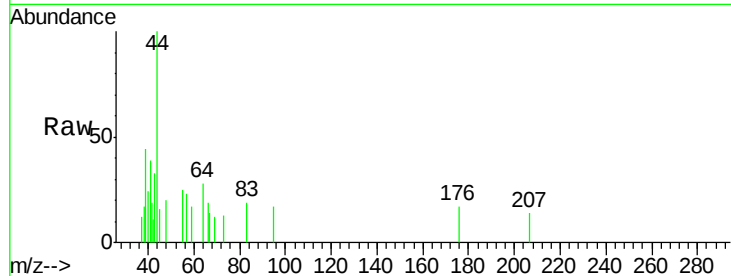
Tot Ion: 83 Resp: 132

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

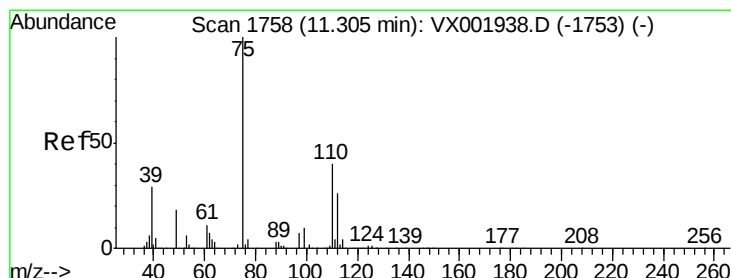
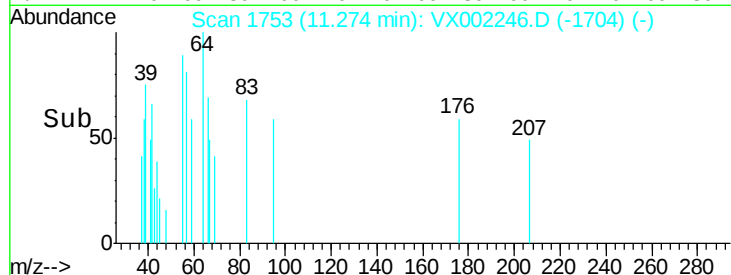
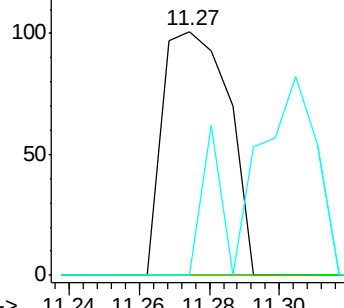
85 17.4 32.6 97.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 28.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002246.D

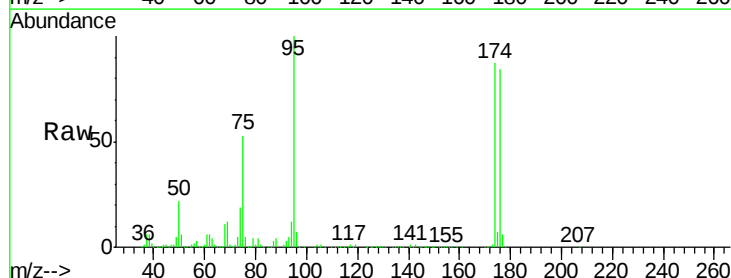
Acq: 02 Jun 2018 18:17

Tgt Ion: 75 Resp: 122982

Ion Ratio Lower Upper

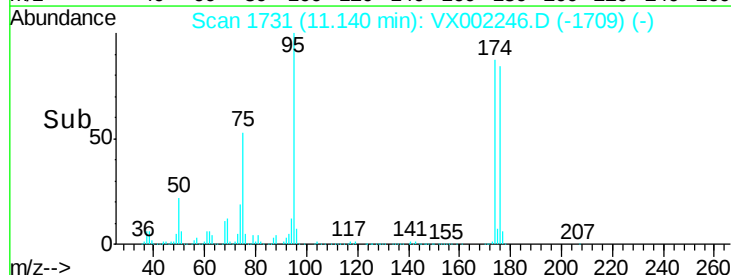
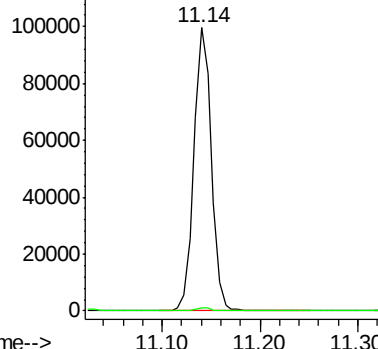
75 100

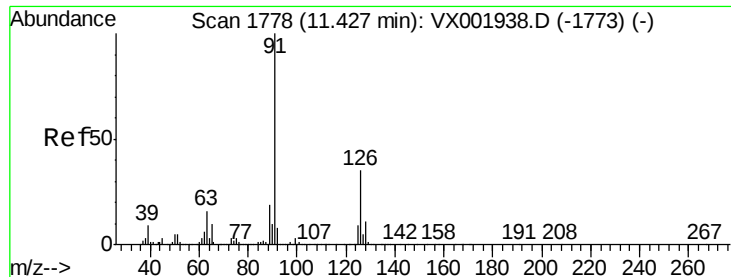
77 1.0 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

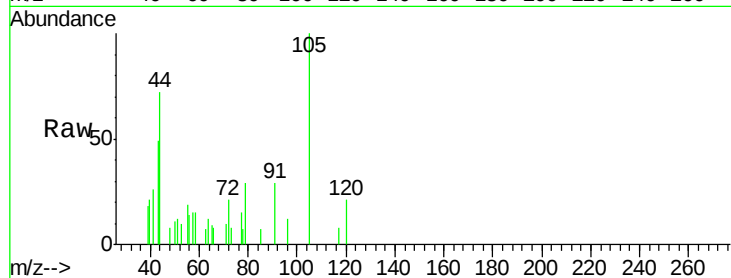
LF6-0050

Tot Ion: 91 Resp: 394

Ion Ratio Lower Upper

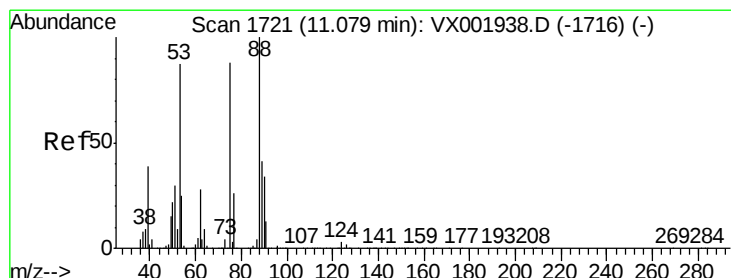
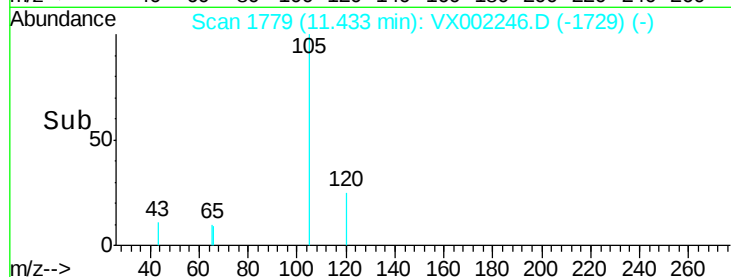
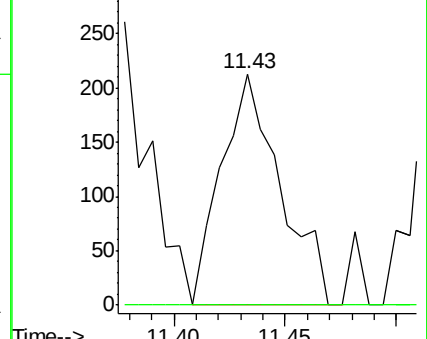
91 100

126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

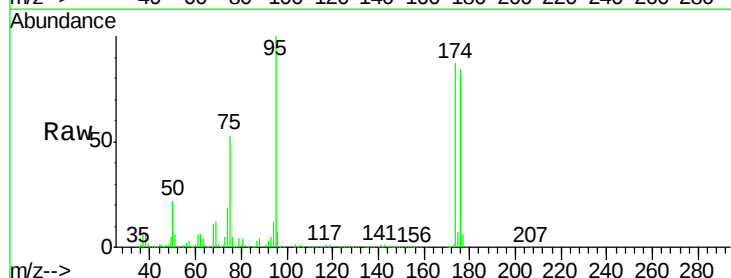
Tgt Ion: 75 Resp: 122982

Ion Ratio Lower Upper

75 100

53 0.1 78.0 117.0#

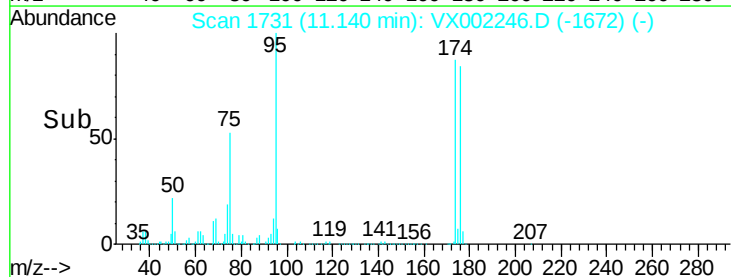
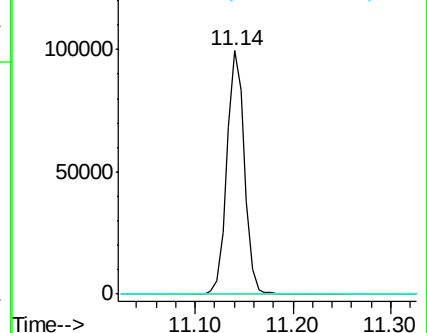
89 0.1 39.4 59.2#

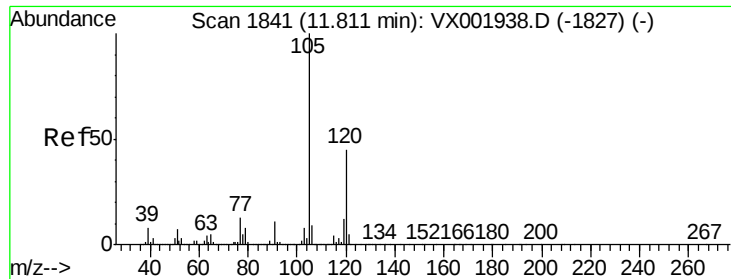


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

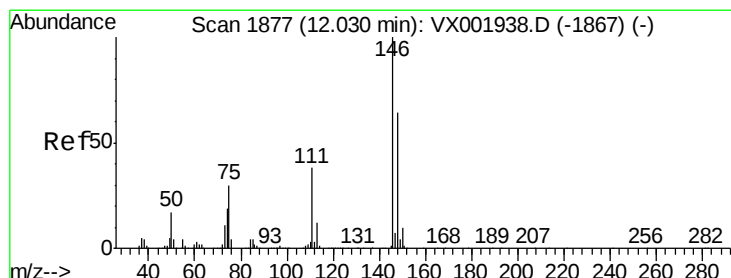
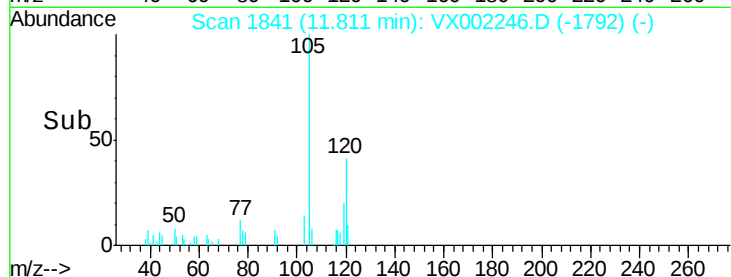
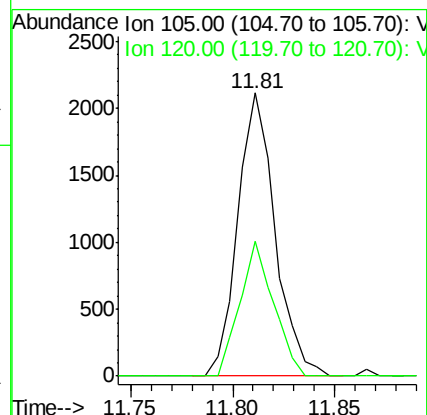
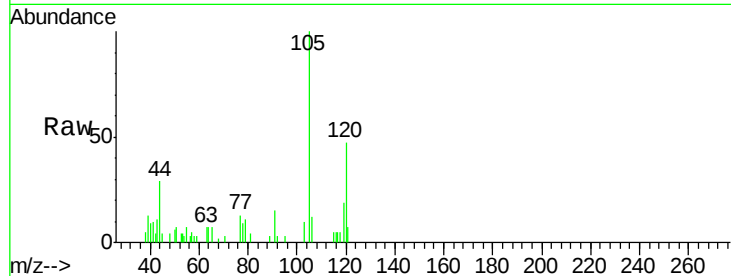




#84
1,2,4-Trimethylbenzene
Concen: 0.20 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

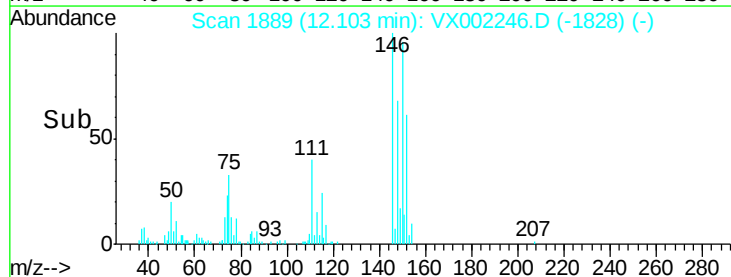
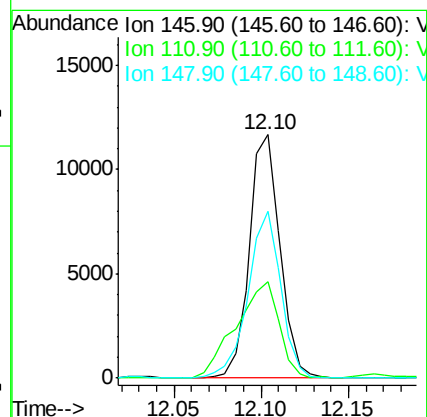
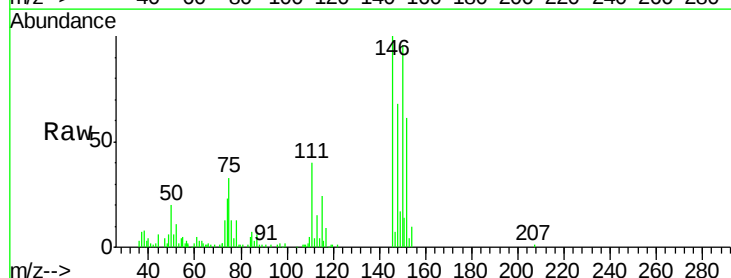
Instrument :
MSVOA_X
ClientSampleId :
LF6-0050

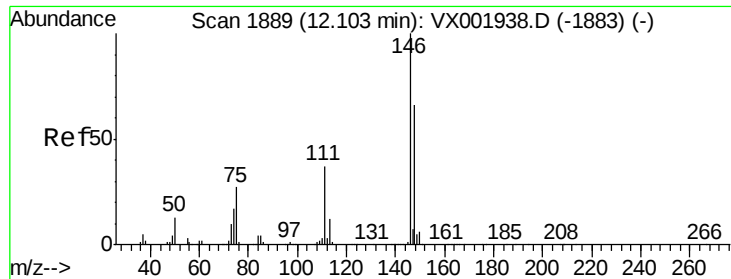
Tot Ion:105 Resp: 2671
Ion Ratio Lower Upper
105 100
120 42.8 22.1 66.5



#87
1,3-Dichlorobenzene
Concen: 1.99 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX002246.D
Acq: 02 Jun 2018 18:17

Tgt Ion:146 Resp: 14176
Ion Ratio Lower Upper
146 100
111 55.8 19.3 57.8
148 73.1 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 1.99 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002246.D

Acq: 02 Jun 2018 18:17

Instrument :

MSVOA_X

ClientSampleId :

LF6-0050

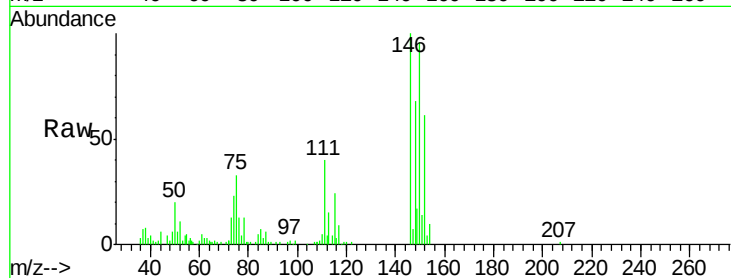
Tot Ion:146 Resp: 14176

Ion Ratio Lower Upper

146 100

111 55.8 18.9 56.5

148 73.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

