

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001199.D
 Acq On : 28 Apr 2018 04:24
 Operator : JC/MD
 Sample : J2464-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

Quant Time: Apr 28 05:03:50 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	279580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	153591	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.51	113	120184	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
50) Toluene-d8	8.72	98	459206	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	11.14	95	166590	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	2081	0.890	ug/l	99
5) Bromomethane	1.63	94	110	Below Cal	#	3
10) Methyl Iodide	2.53	142	75	7.269	ug/l #	41
11) Tert butyl alcohol	3.07	59	54516	88.881	ug/l	98
13) Acrolein	2.32	56	70	0.302	ug/l #	1
16) Acetone	2.45	43	3621	2.831	ug/l	99
18) Methyl Acetate	2.78	43	1682	0.526	ug/l	98
22) Diisopropyl ether	3.88	45	62797	8.479	ug/l	97
23) Vinyl Acetate	3.88	43	34015	5.414	ug/l #	73
25) 2-Butanone	4.72	43	763	0.399	ug/l #	50
26) 2,2-Dichloropropane	4.76	77	1155	0.377	ug/l #	53
29) Tetrahydrofuran	5.18	42	380	0.309	ug/l #	56
31) Cyclohexane	5.59	56	1498	0.453	ug/l	94
36) 1,1-Dichloropropene	5.68	75	12487	4.053	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17107	5.415	ug/l #	15
40) Benzene	6.15	78	600395	67.366	ug/l	100
42) 1,2-Dichloroethane	6.15	62	5770	1.607	ug/l #	76
43) Isopropyl Acetate	6.48	43	2269	0.392	ug/l #	70
44) Trichloroethene	7.21	130	897	0.338	ug/l	94
52) Toluene	8.79	92	3880	0.666	ug/l	91
54) cis-1,3-Dichloropropene	9.24	75	130	3.219	ug/l #	1
59) 2-Hexanone	9.52	43	6387	2.142	ug/l	63
65) Chlorobenzene	10.15	112	5790968	861.598	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.16	131	483	0.208	ug/l #	9
67) Ethyl Benzene	10.26	91	3230	0.296	ug/l	92
73) Isopropylbenzene	11.02	105	10287	1.058	ug/l	100
74) N-amyl acetate	6.48	43	2269	0.463	ug/l #	72
76) 1,2,3-Trichloropropane	11.14	75	86371	28.447	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.67	105	49195	5.979	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.14	75	86371	86.273	ug/l #	6
83) tert-Butylbenzene	11.77	119	2751	0.335	ug/l	92
84) 1,2,4-Trimethylbenzene	11.67	105	49195	5.817	ug/l	79
85) sec-Butylbenzene	11.95	105	9069	0.945	ug/l	98
86) p-Isopropyltoluene	12.24	119	13457	1.508	ug/l	95

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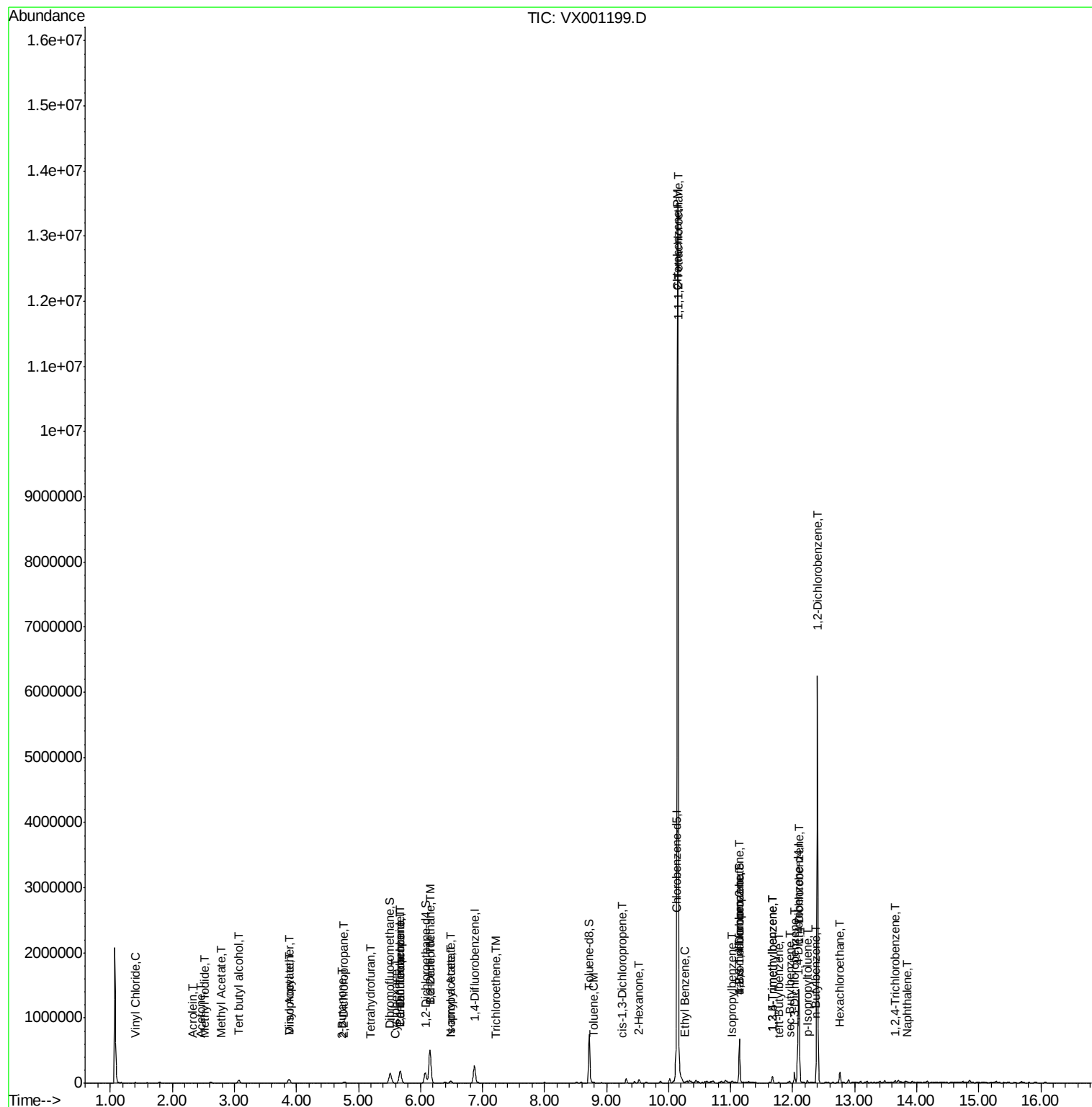
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.03	146	55579	10.742	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	460028	85.337	ug/l	99
89) n-Butylbenzene	12.37	91	2547	0.330	ug/l #	7
90) Hexachloroethane	12.76	117	68091	47.469	ug/l #	1
91) 1,2-Dichlorobenzene	12.40	146	2050451	392.103	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	6117	1.492	ug/l #	87
95) Naphthalene	13.84	128	8779	0.769	ug/l #	78

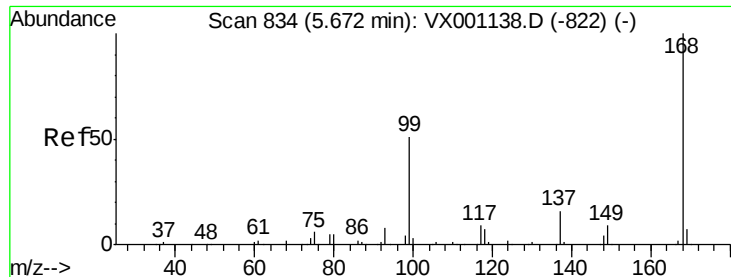
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

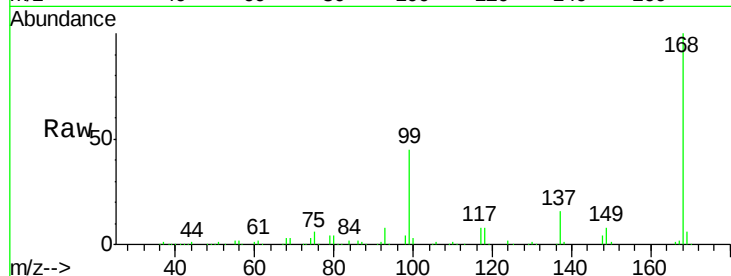
LF015MW047-180418

Tgt Ion:168 Resp: 200651

Ion Ratio Lower Upper

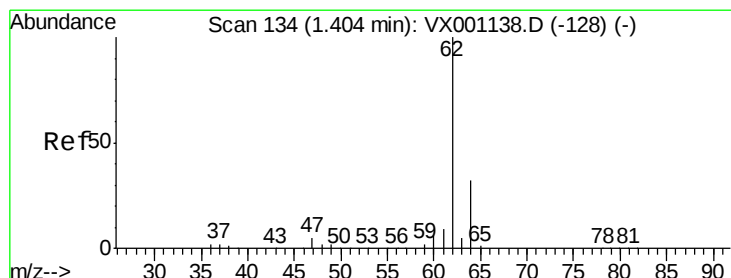
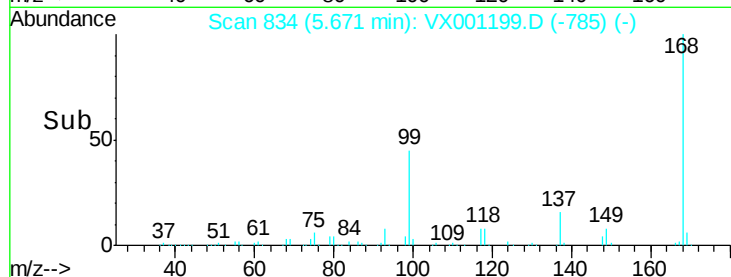
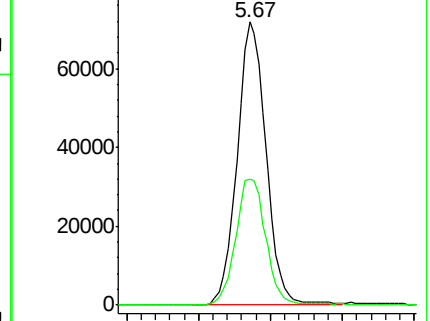
168 100

99 44.6 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.890 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001199.D

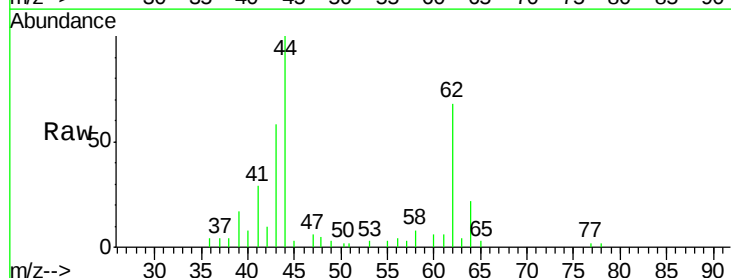
Acq: 28 Apr 2018 04:24

Tgt Ion: 62 Resp: 2081

Ion Ratio Lower Upper

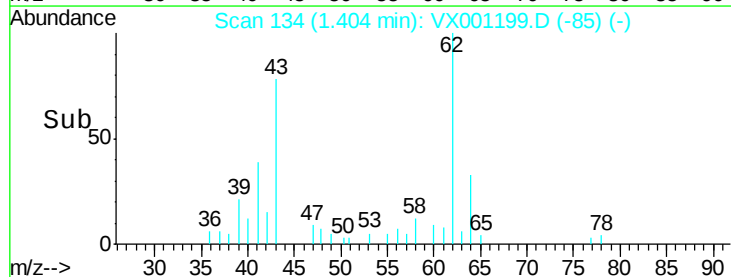
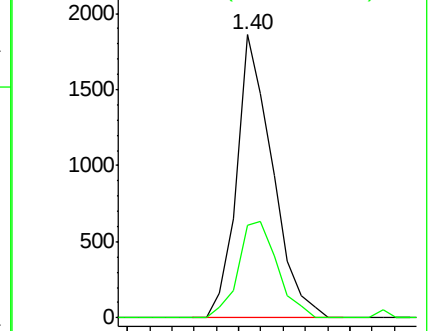
62 100

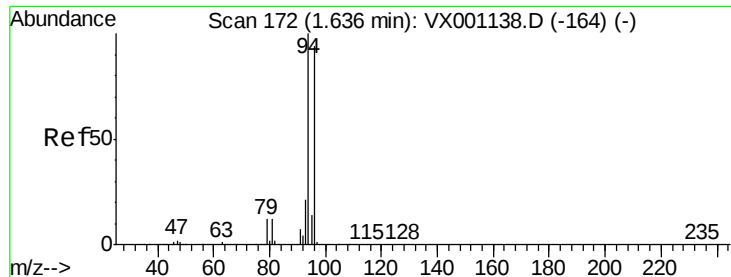
64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

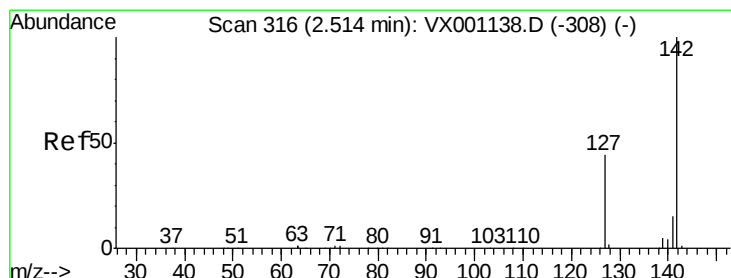
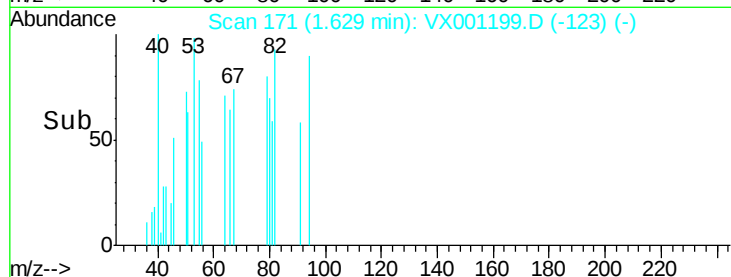
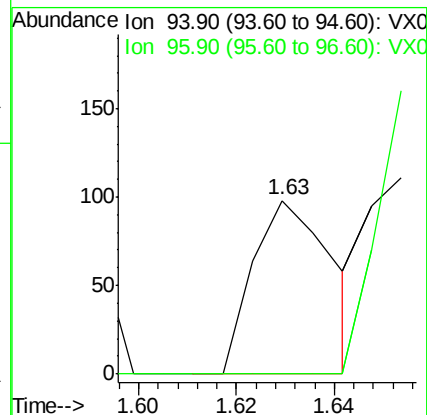
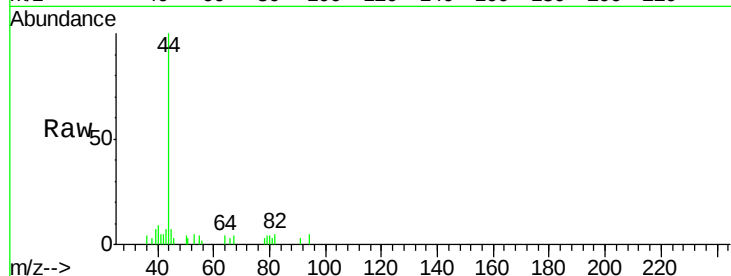
LF015MW047-180418

Tgt Ion: 94 Resp: 110

Ion Ratio Lower Upper

94 100

96 0.0 75.3 112.9#



#10

Methyl Iodide

Concen: 7.269 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

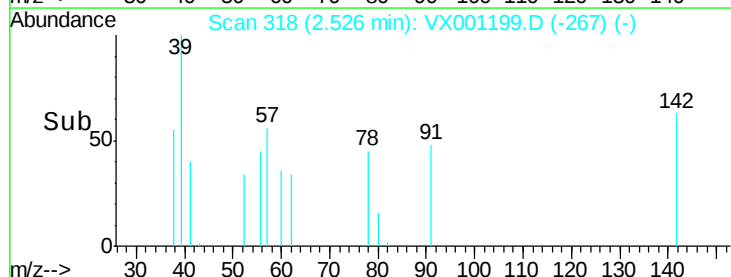
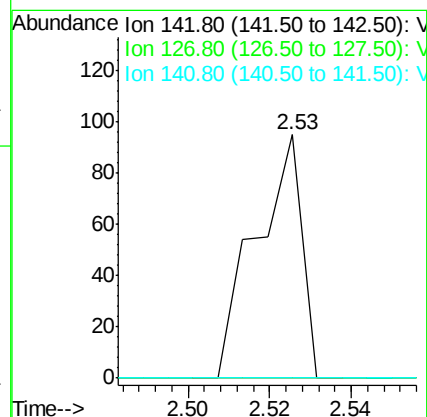
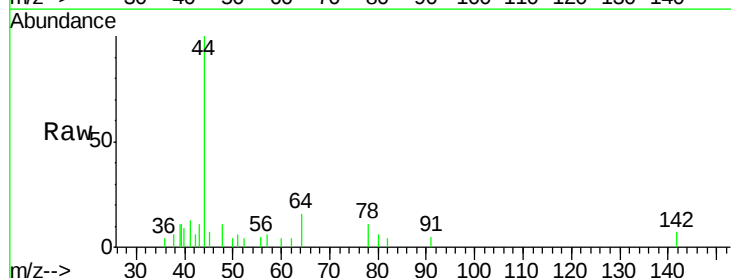
Tgt Ion: 142 Resp: 75

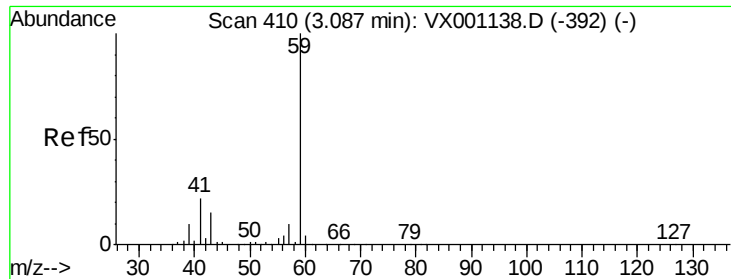
Ion Ratio Lower Upper

142 100

127 0.0 34.7 52.1#

141 0.0 11.6 17.4#

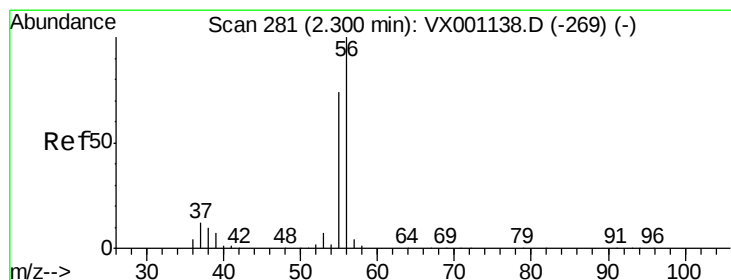
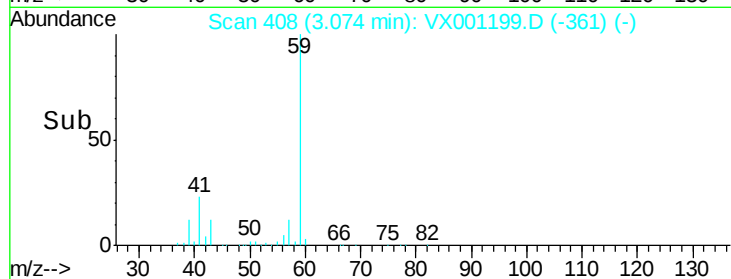
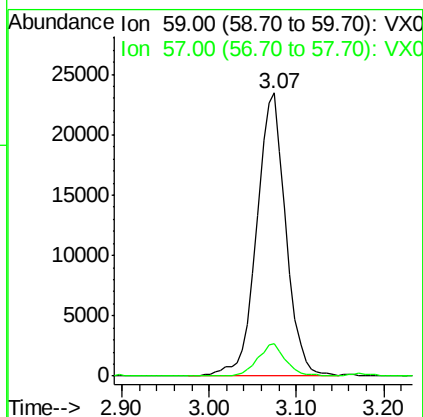
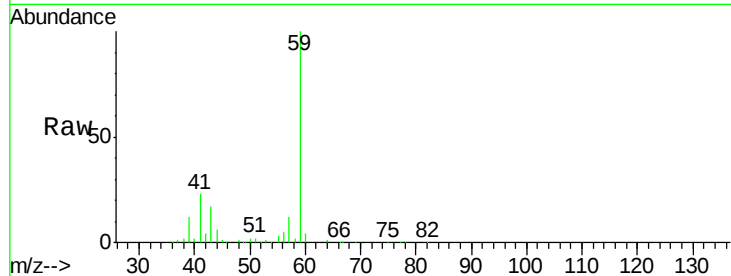




#11
Tert butyl alcohol
Concen: 88.881 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

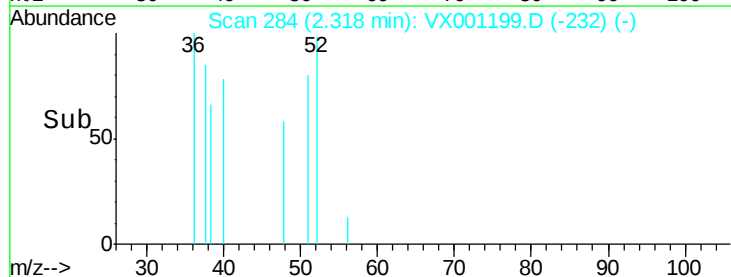
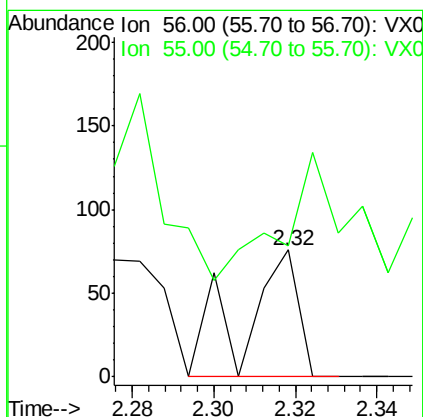
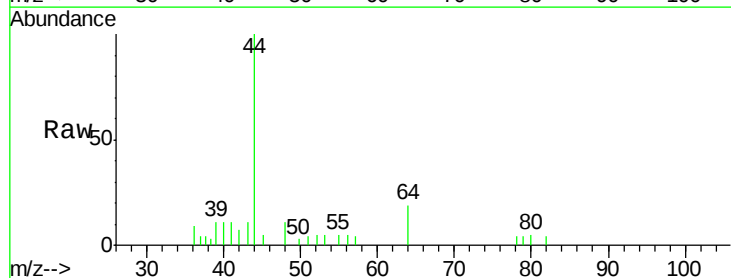
Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-180418

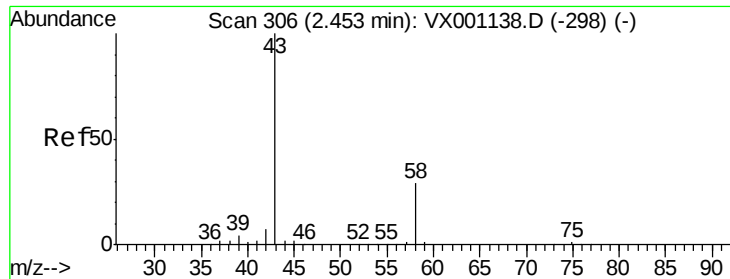
Tgt Ion: 59 Resp: 54516
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.4



#13
Acrolein
Concen: 0.302 ug/l
RT: 2.32 min Scan# 284
Delta R.T. 0.02 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 170.0 57.2 85.8#





#16

Acetone

Concen: 2.831 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

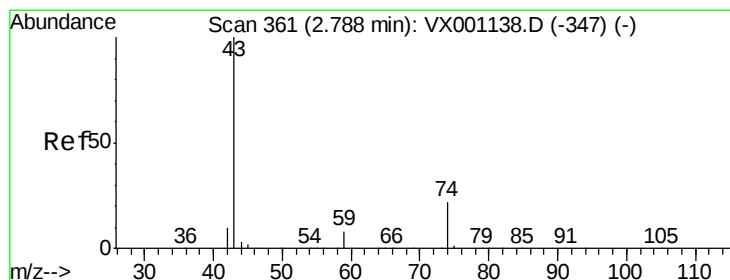
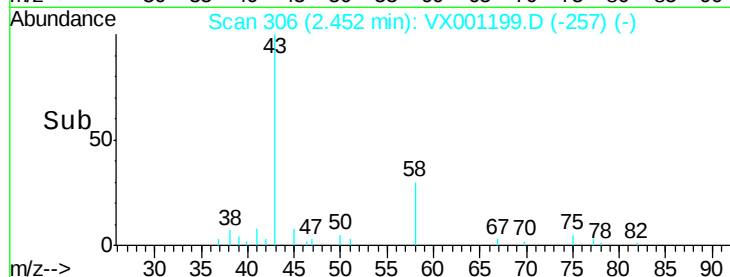
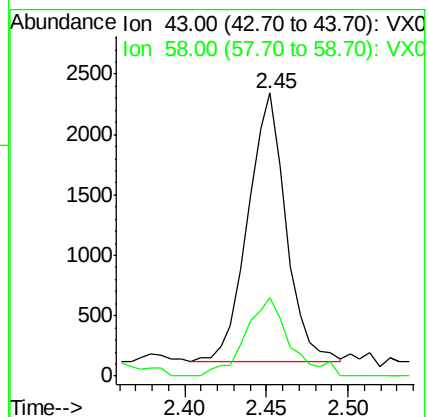
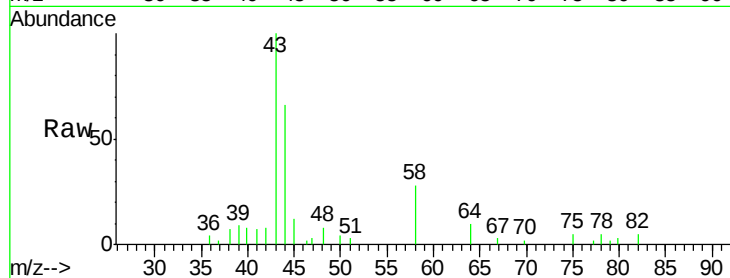
LF015MW047-180418

Tgt Ion: 43 Resp: 3621

Ion Ratio Lower Upper

43 100

58 29.3 23.0 34.6



#18

Methyl Acetate

Concen: 0.526 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX001199.D

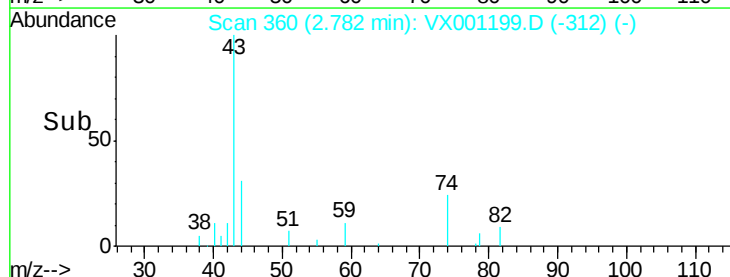
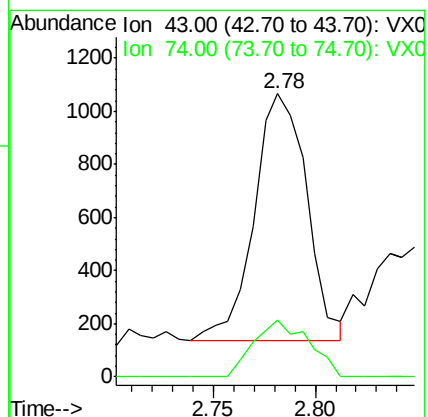
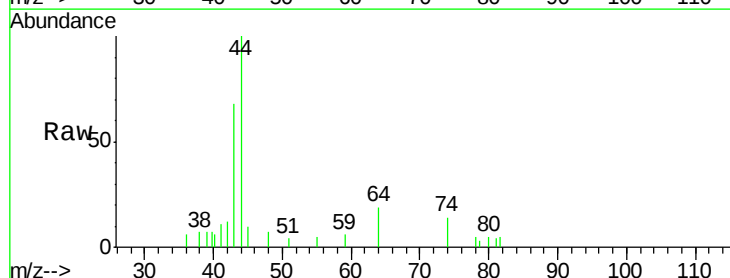
Acq: 28 Apr 2018 04:24

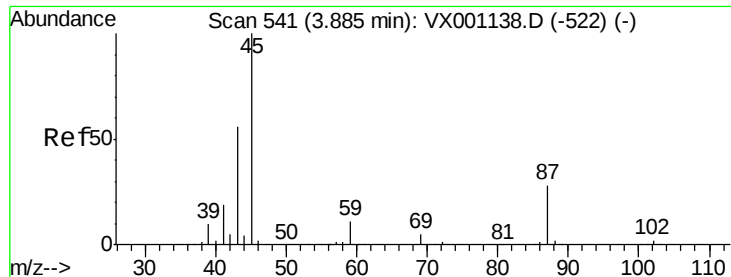
Tgt Ion: 43 Resp: 1682

Ion Ratio Lower Upper

43 100

74 23.8 18.1 27.1



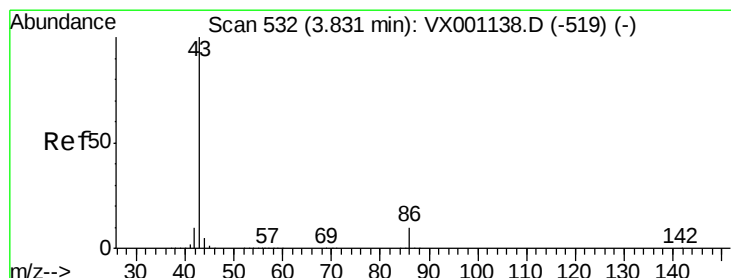
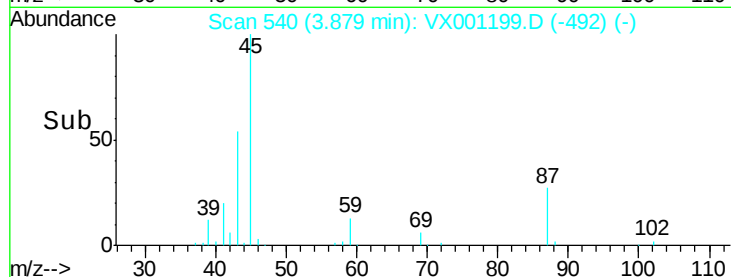
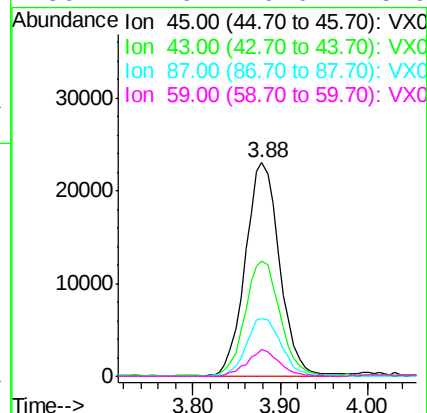
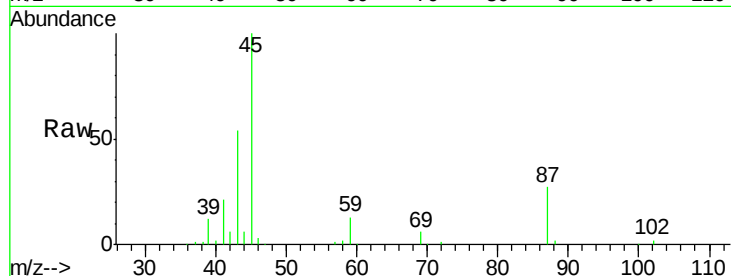


#22

Diisopropyl ether
 Concen: 8.479 ug/l
 RT: 3.88 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Instrument :
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 ClientSampleId :
 LF015MW047-180418

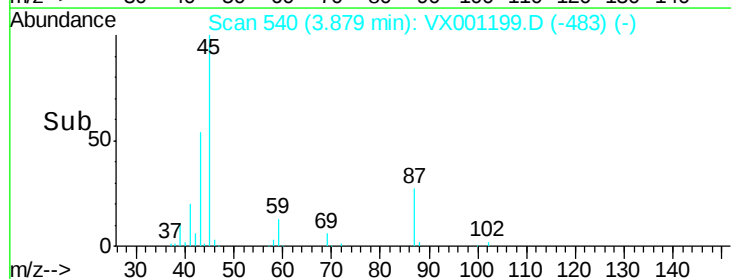
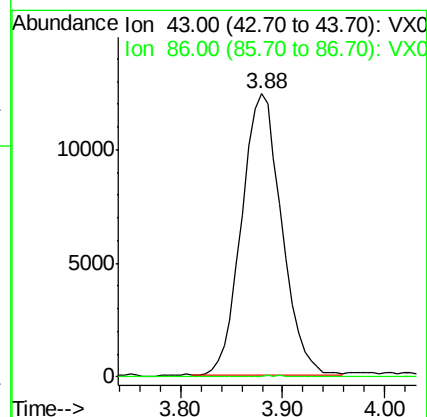
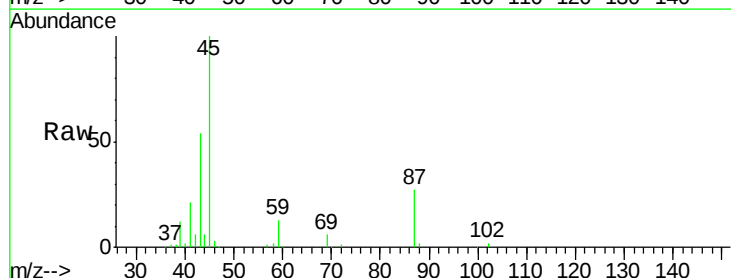
Tgt Ion:	45	Resp:	62797
Ion	Ratio	Lower	Upper
45	100		
43	53.7	45.0	67.4
87	27.1	22.8	34.2
59	12.6	9.0	13.6

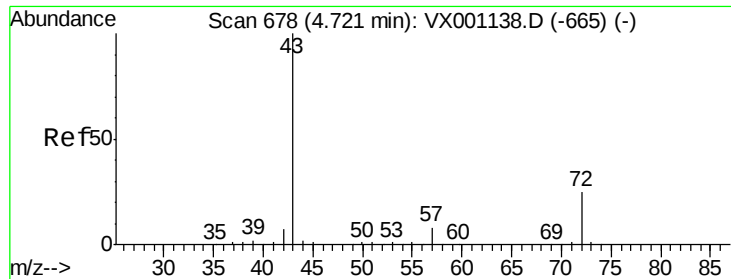


#23

Vinyl Acetate
 Concen: 5.414 ug/l
 RT: 3.88 min Scan# 540
 Delta R.T. 0.05 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion:	43	Resp:	34015
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.0	12.0#





#25

2-Butanone

Concen: 0.399 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

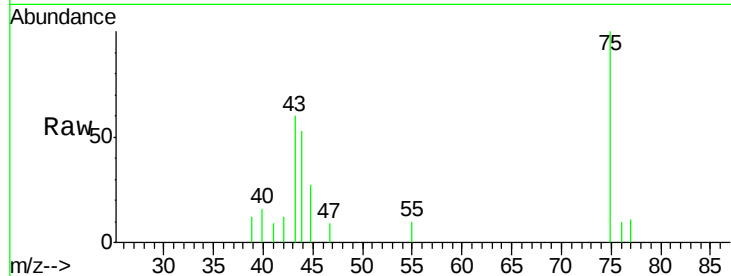
LF015MW047-180418

Tgt Ion: 43 Resp: 763

Ion Ratio Lower Upper

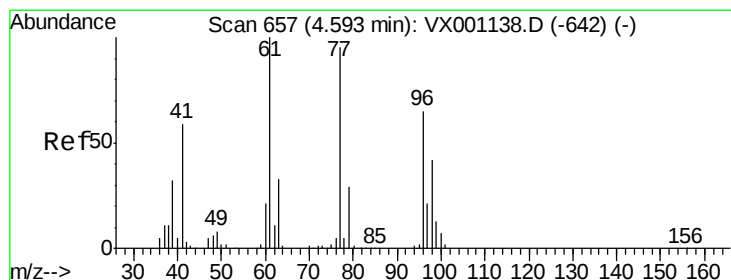
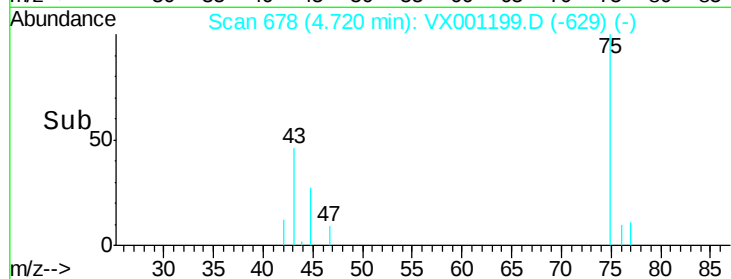
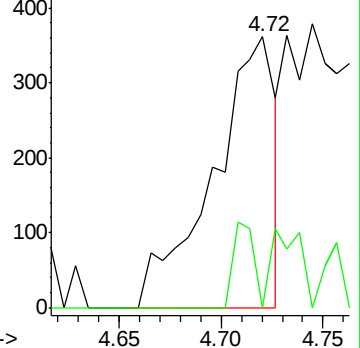
43 100

72 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.377 ug/l

RT: 4.76 min Scan# 685

Delta R.T. 0.17 min

Lab File: VX001199.D

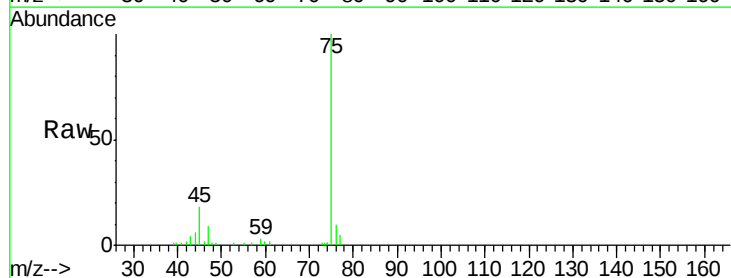
Acq: 28 Apr 2018 04:24

Tgt Ion: 77 Resp: 1155

Ion Ratio Lower Upper

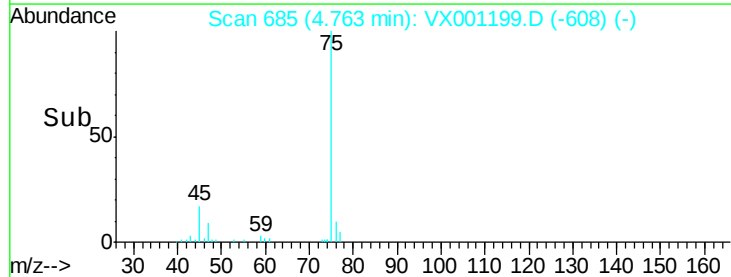
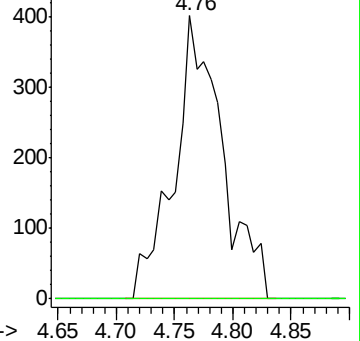
77 100

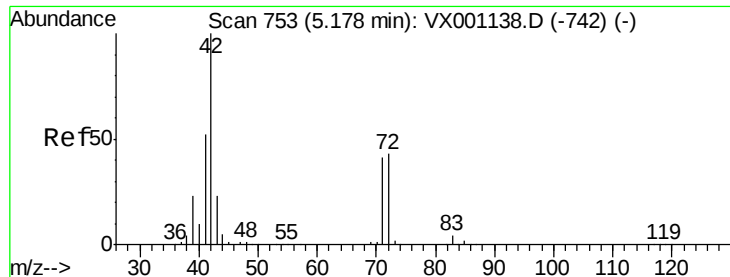
97 0.0 11.4 34.2#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#29

Tetrahydrofuran

Concen: 0.309 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

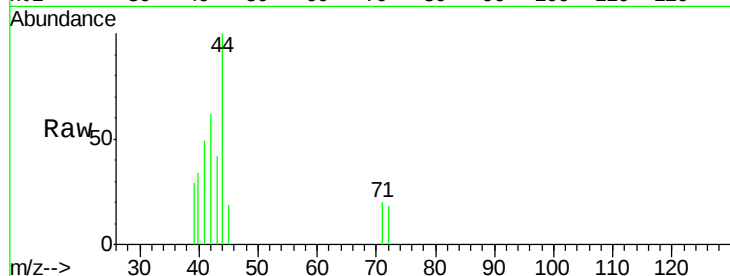
Tgt Ion: 42 Resp: 380

Ion Ratio Lower Upper

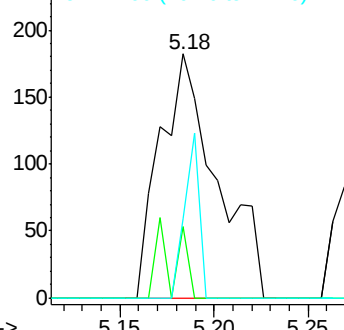
42 100

72 10.8 34.4 51.6#

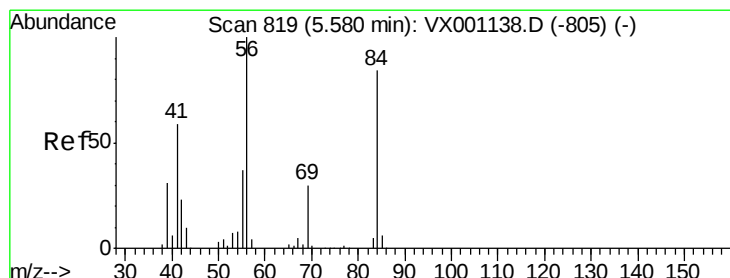
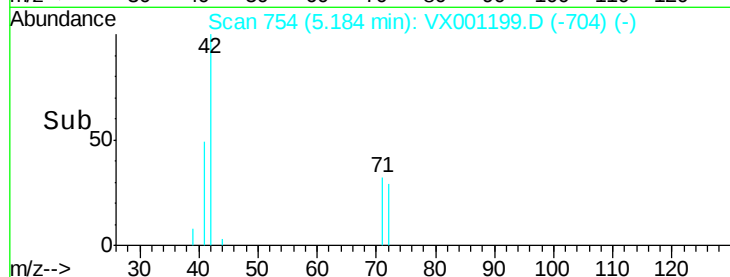
71 17.6 32.1 48.1#



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



Time-->



#31

Cyclohexane

Concen: 0.453 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

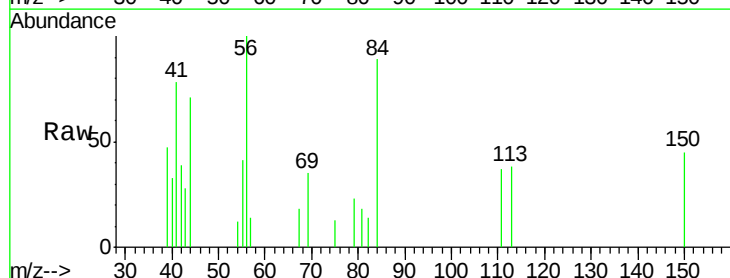
Tgt Ion: 56 Resp: 1498

Ion Ratio Lower Upper

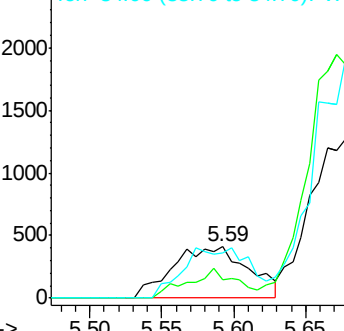
56 100

69 35.0 24.2 36.2

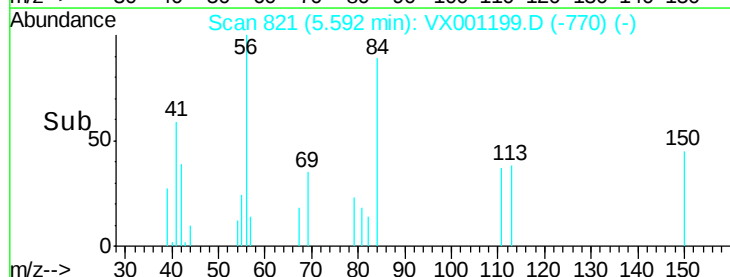
84 88.6 67.5 101.3

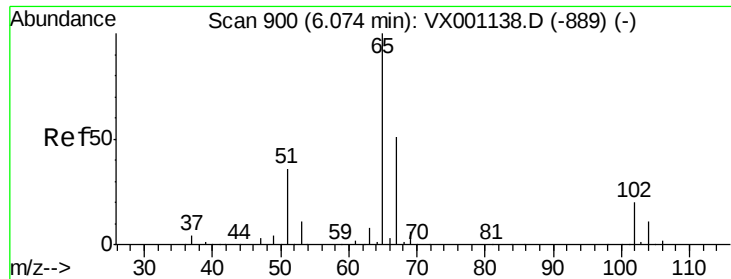


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



Time-->

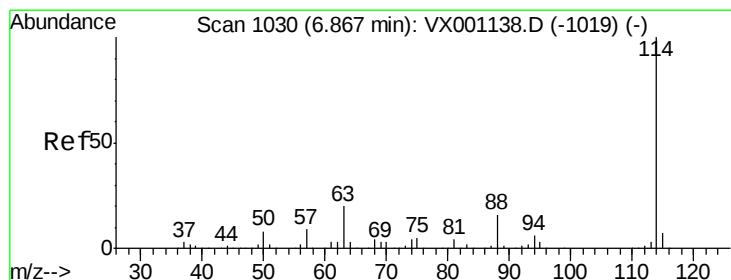
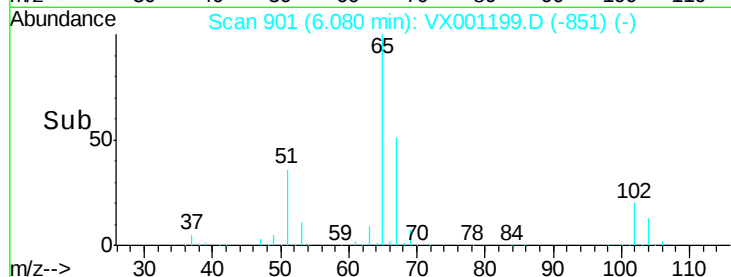
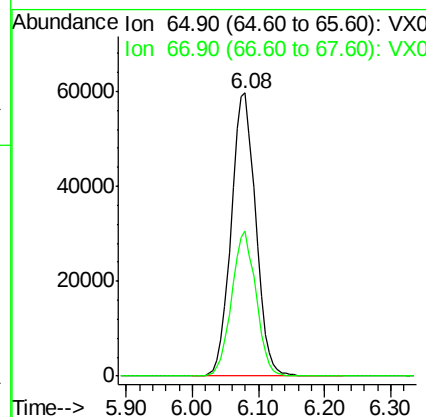
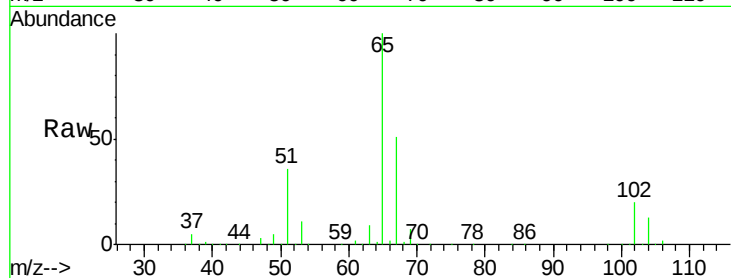




#33
 1,2-Dichloroethane-d4
 Concen: 49.381 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

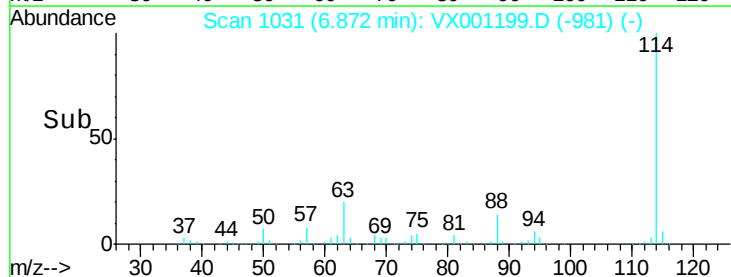
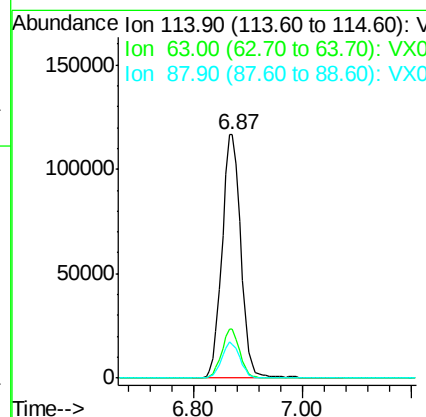
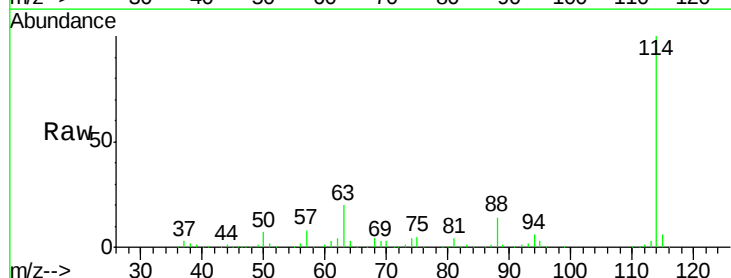
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

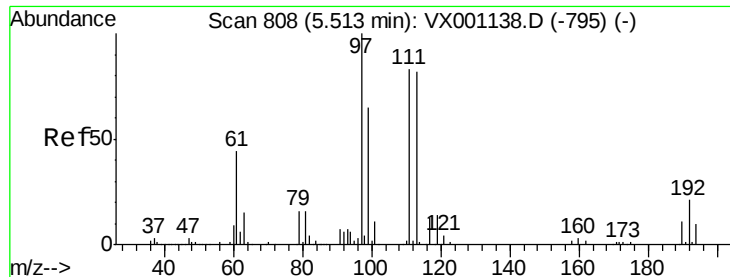
Tgt Ion: 65 Resp: 153591
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion: 114 Resp: 279580
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.4
 88 14.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.936 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

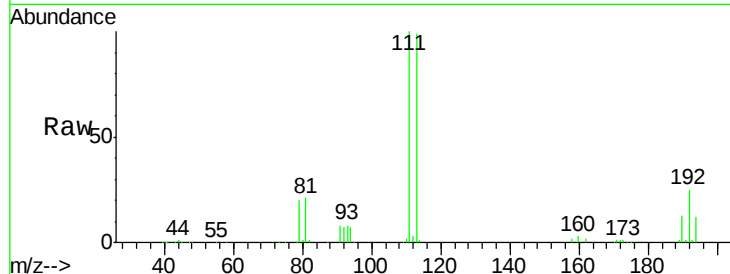
Tgt Ion:113 Resp: 120184

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

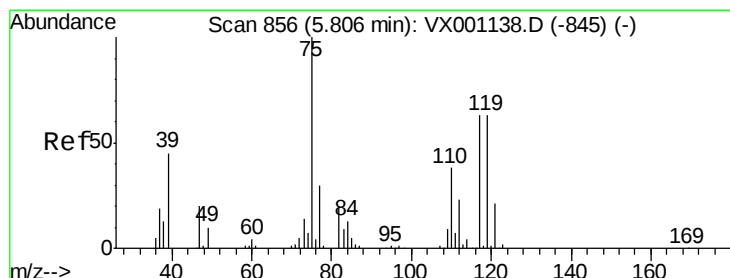
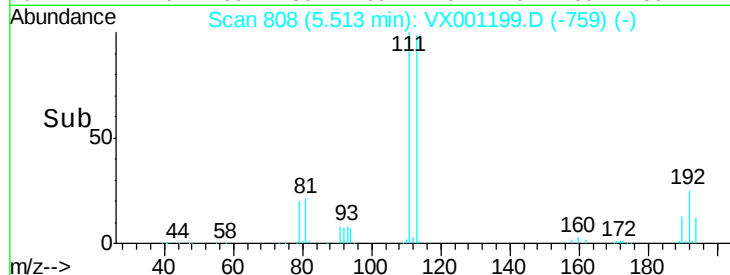
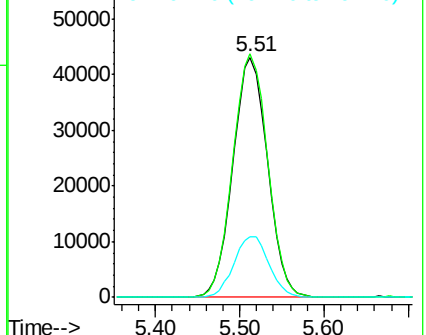
192 25.8 20.6 30.8



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: 4.053 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.13 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

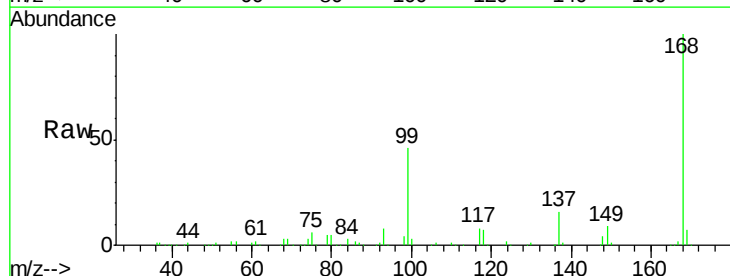
Tgt Ion: 75 Resp: 12487

Ion Ratio Lower Upper

75 100

110 9.7 19.0 57.0#

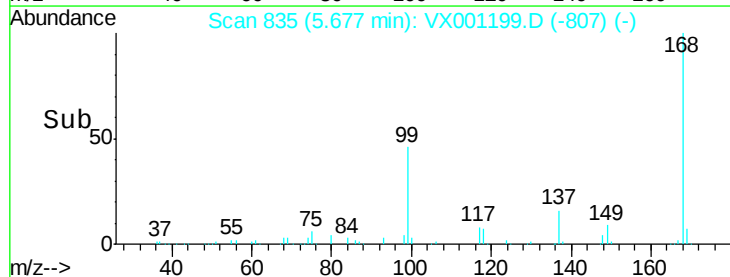
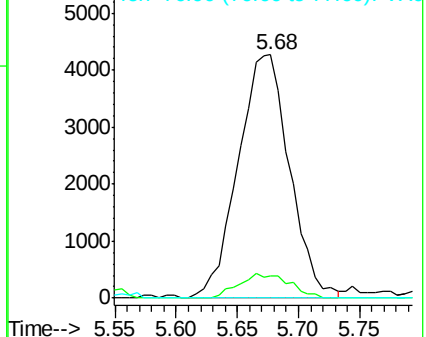
77 0.0 24.8 37.2#

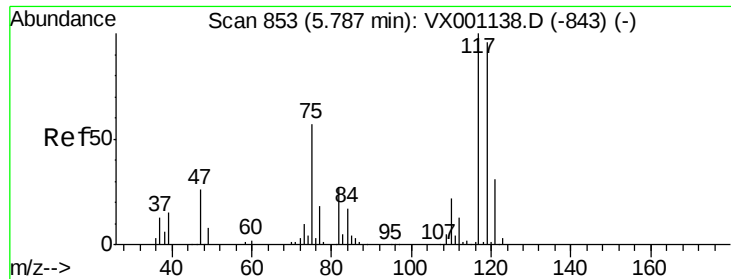


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

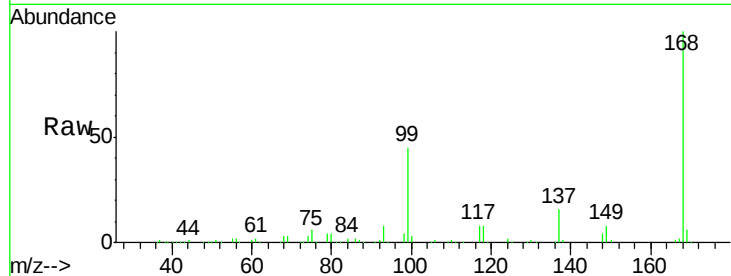




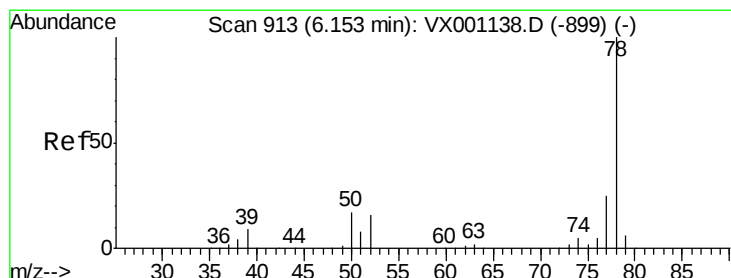
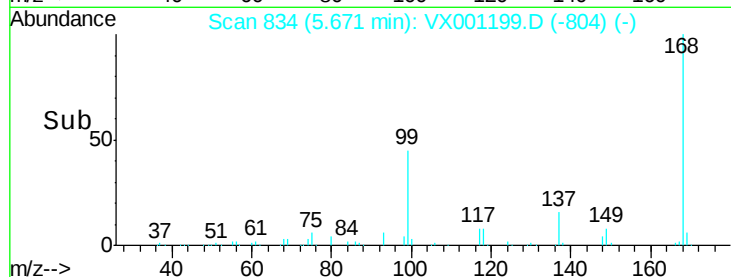
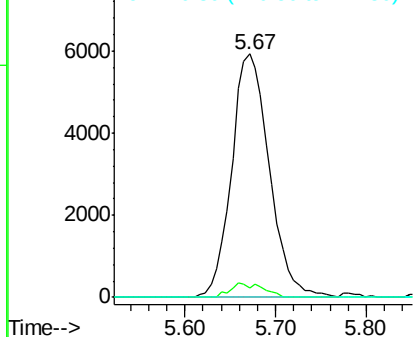
#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-180418

Tgt Ion: 117 Resp: 17107
Ion Ratio Lower Upper
117 100
119 3.7 76.5 114.7#
121 0.0 24.6 37.0#

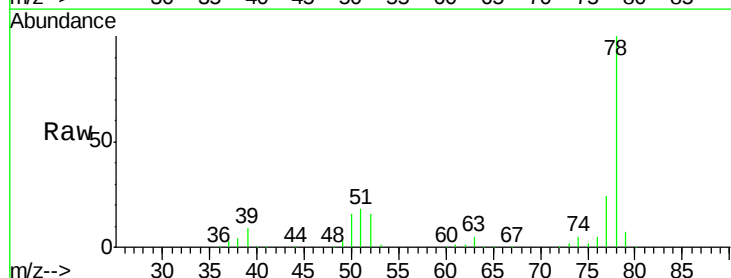


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

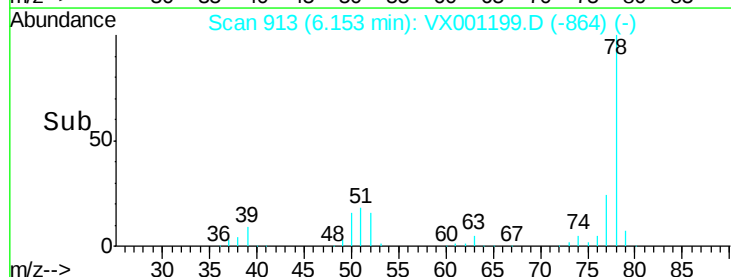
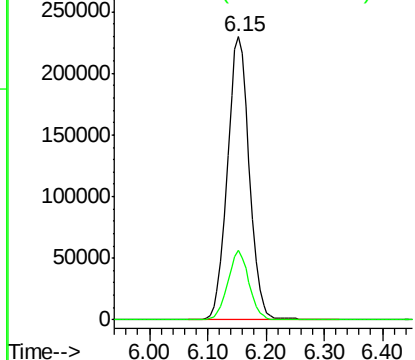


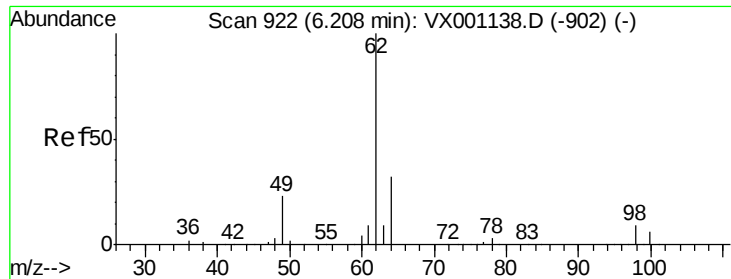
#40
Benzene
Concen: 67.366 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

Tgt Ion: 78 Resp: 600395
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

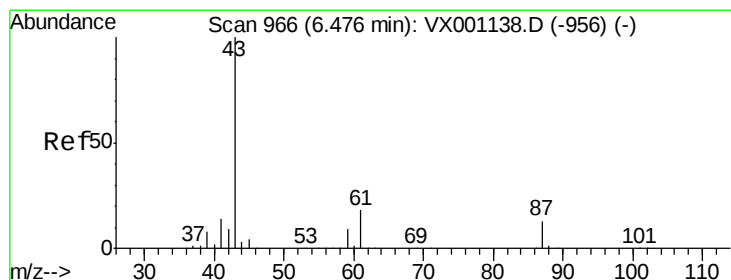
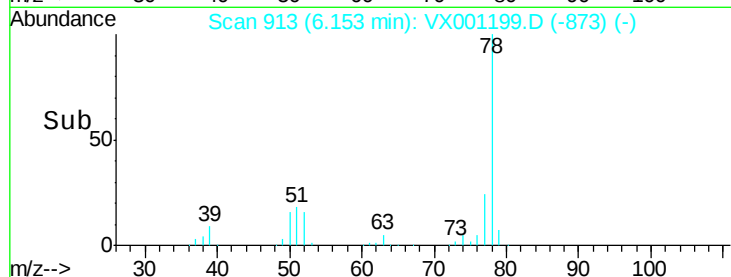
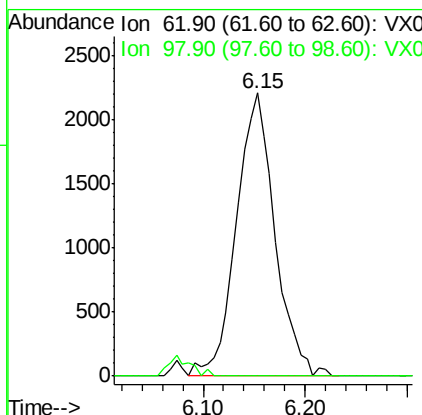
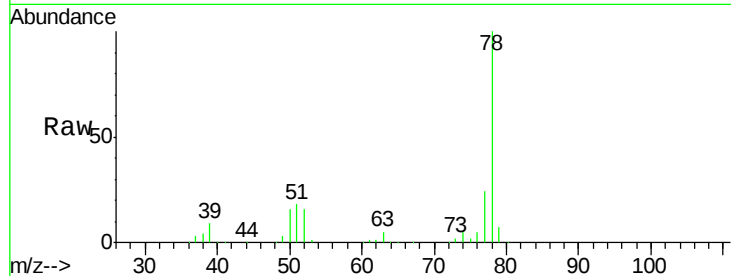




#42
 1,2-Dichloroethane
 Concen: 1.607 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. -0.06 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

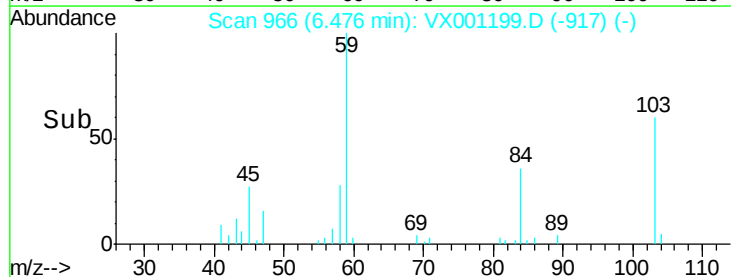
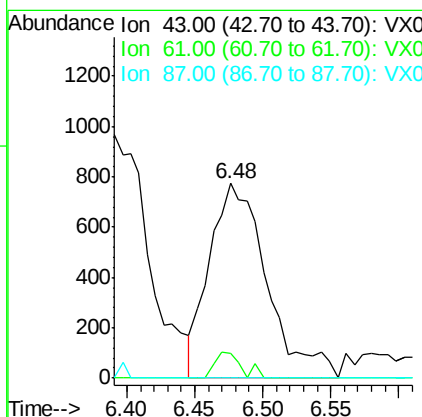
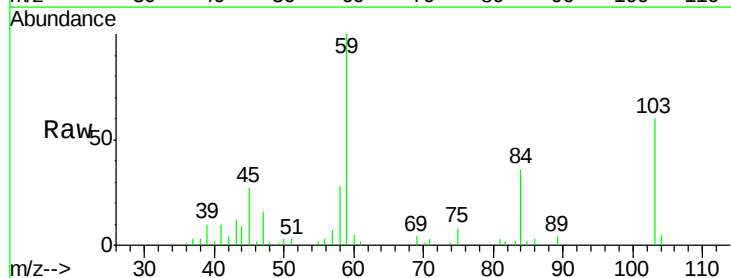
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

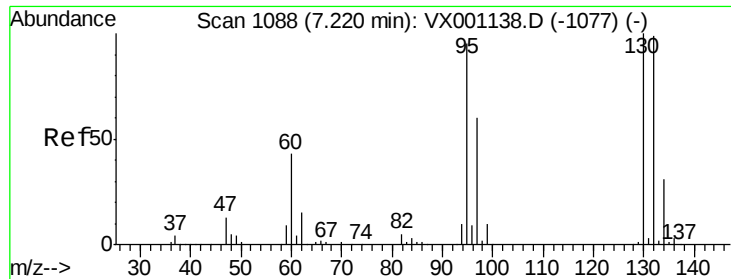
Tgt Ion: 62 Resp: 5770
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 17.0



#43
 Isopropyl Acetate
 Concen: 0.392 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion: 43 Resp: 2269
 Ion Ratio Lower Upper
 43 100
 61 6.1 15.0 22.6#
 87 0.0 10.3 15.5#





#44

Trichloroethene

Concen: 0.338 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

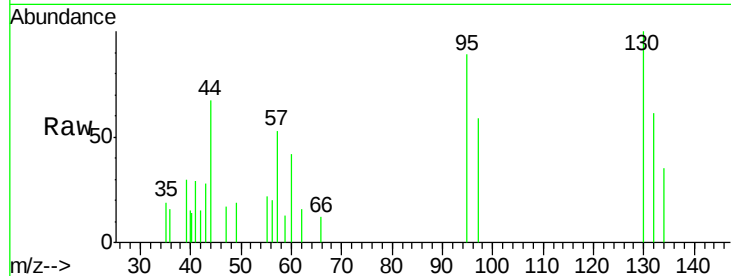
LF015MW047-180418

Tgt Ion:130 Resp: 897

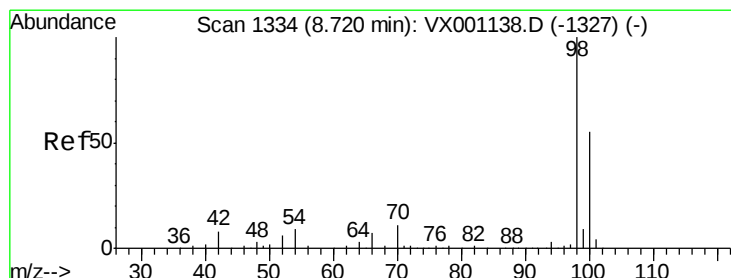
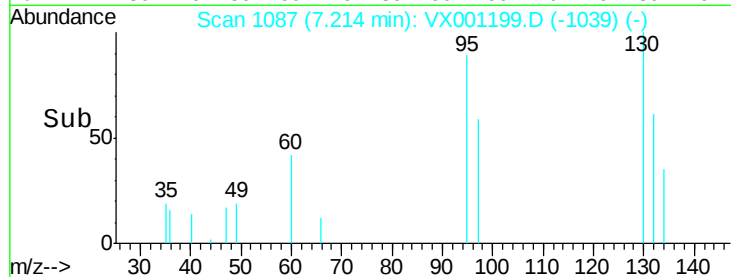
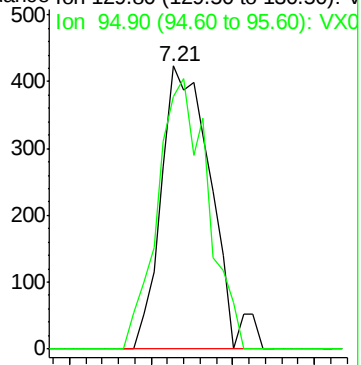
Ion Ratio Lower Upper

130 100

95 89.1 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 52.583 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001199.D

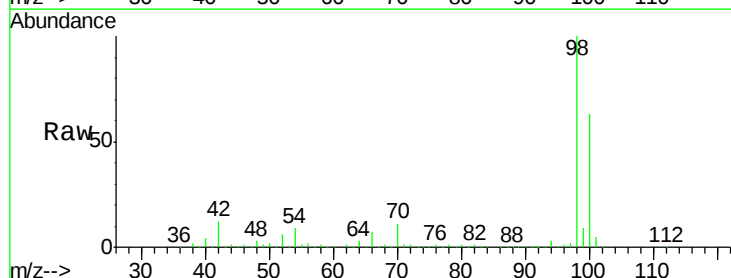
Acq: 28 Apr 2018 04:24

Tgt Ion: 98 Resp: 459206

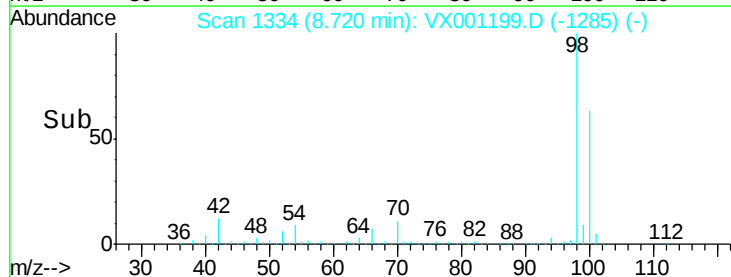
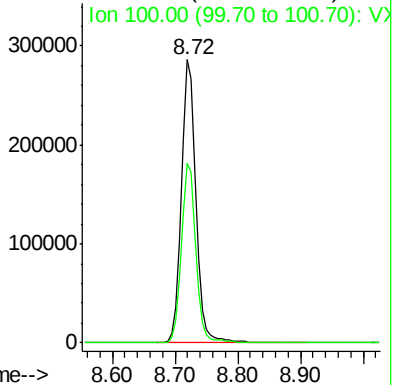
Ion Ratio Lower Upper

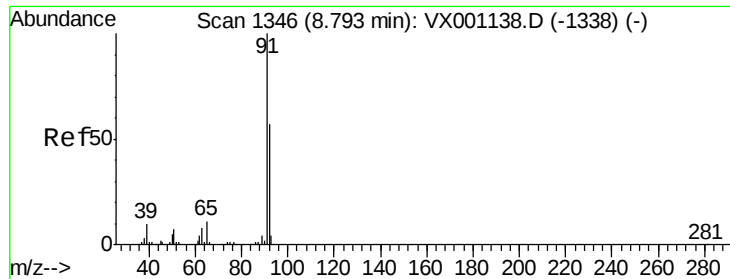
98 100

100 63.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0





#52

Toluene

Concen: 0.666 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

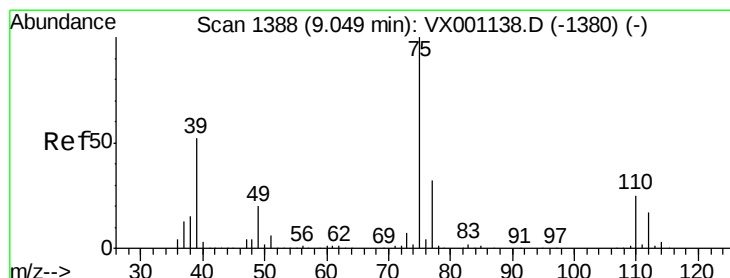
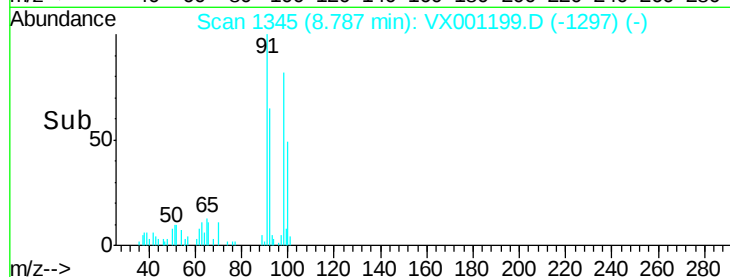
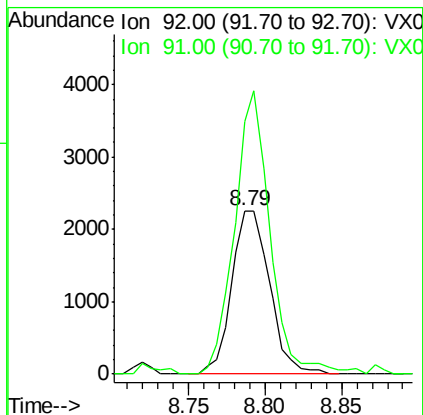
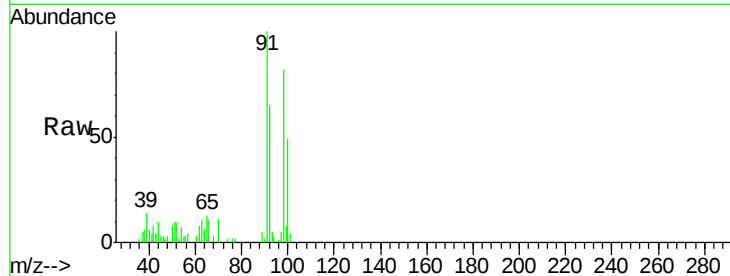
LF015MW047-180418

Tgt Ion: 92 Resp: 3880

Ion Ratio Lower Upper

92 100

91 161.5 139.8 209.6



#54

cis-1,3-Dichloropropene

Concen: 3.219 ug/l

RT: 9.24 min Scan# 1420

Delta R.T. 0.19 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

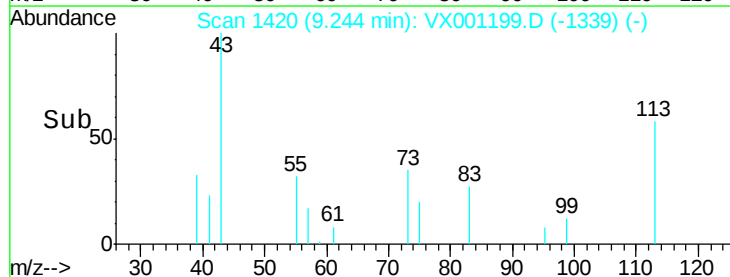
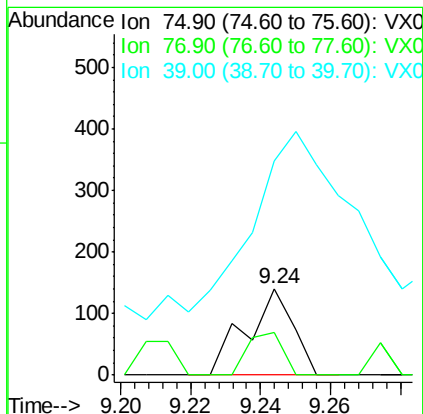
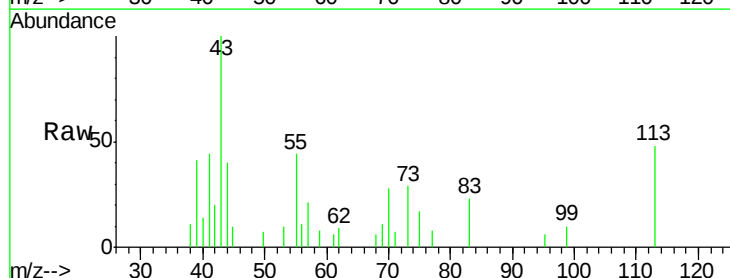
Tgt Ion: 75 Resp: 130

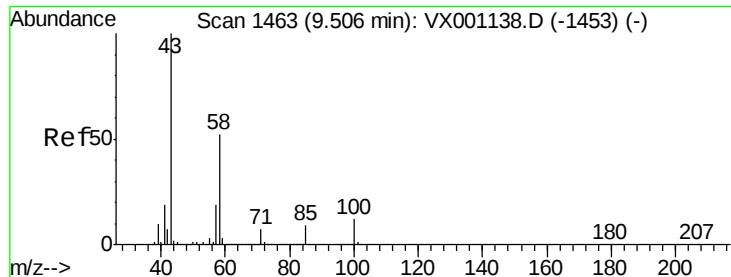
Ion Ratio Lower Upper

75 100

77 48.9 25.4 38.2#

39 174.5 42.0 63.0#

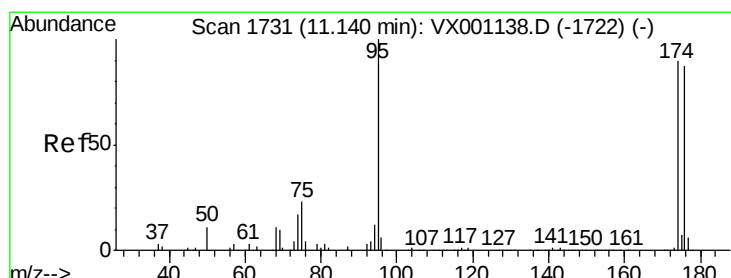
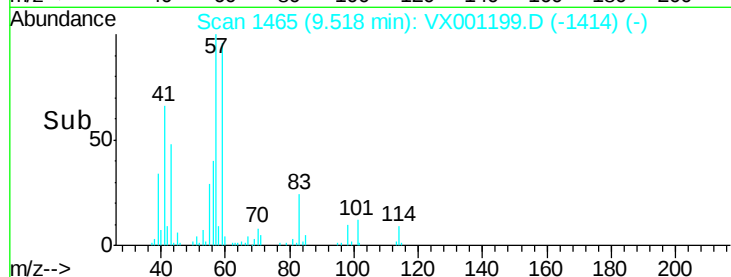
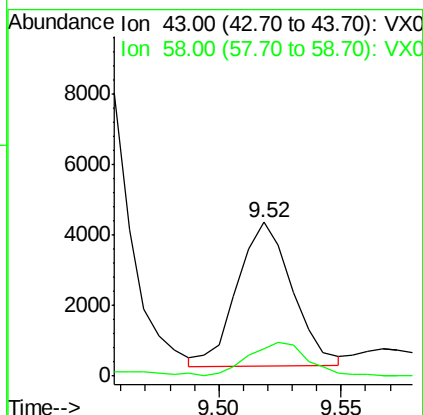
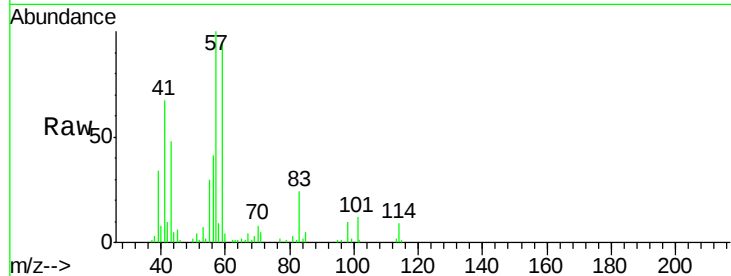




#59
2-Hexanone
Concen: 2.142 ug/l
RT: 9.52 min Scan# 1465
Delta R.T. 0.01 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

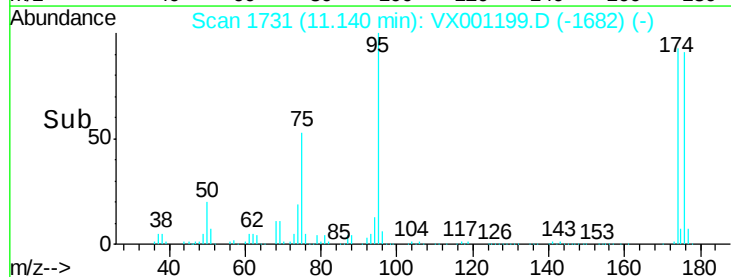
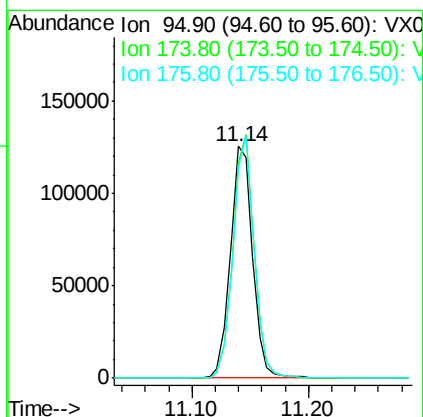
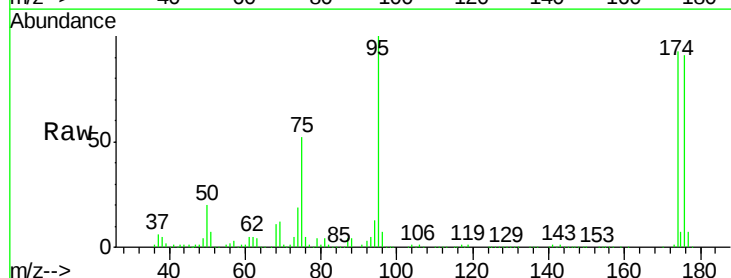
Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-180418

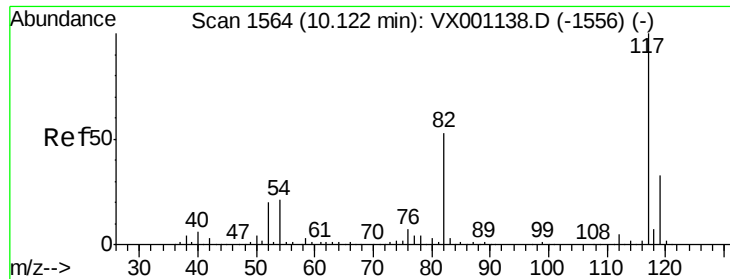
Tgt Ion: 43 Resp: 6387
Ion Ratio Lower Upper
43 100
58 25.9 25.8 77.4



#62
4-Bromofluorobenzene
Concen: 48.832 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

Tgt Ion: 95 Resp: 166590
Ion Ratio Lower Upper
95 100
174 100.9 0.0 194.4
176 99.6 0.0 190.2

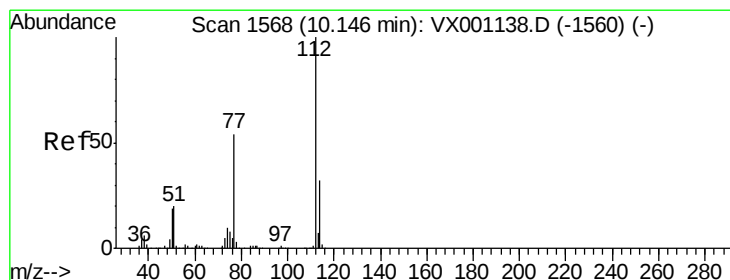
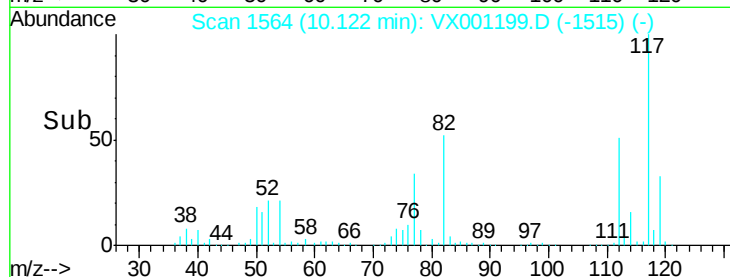
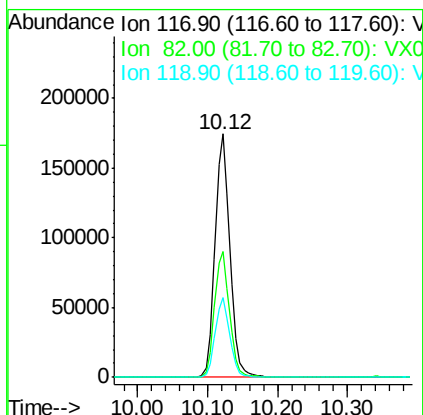
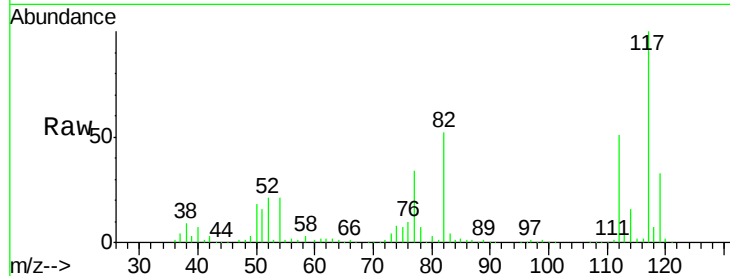




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

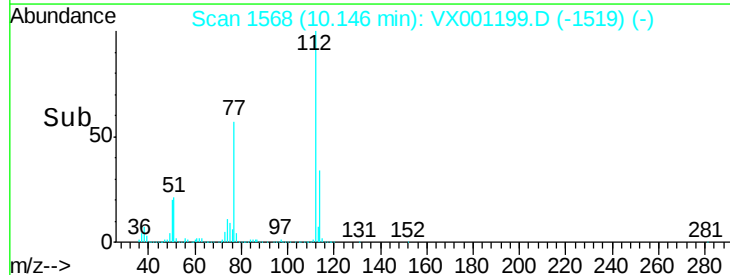
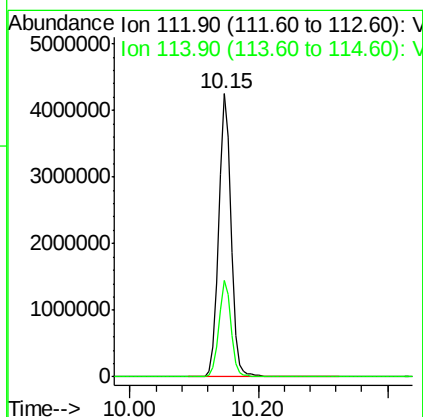
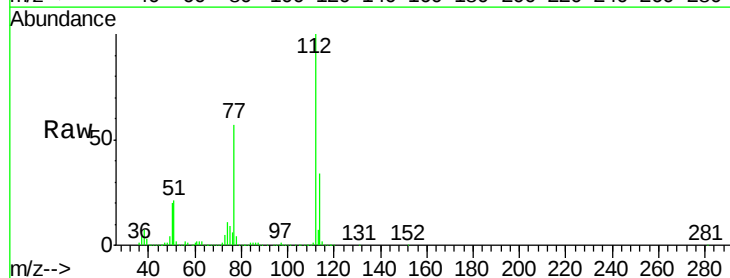
Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-180418

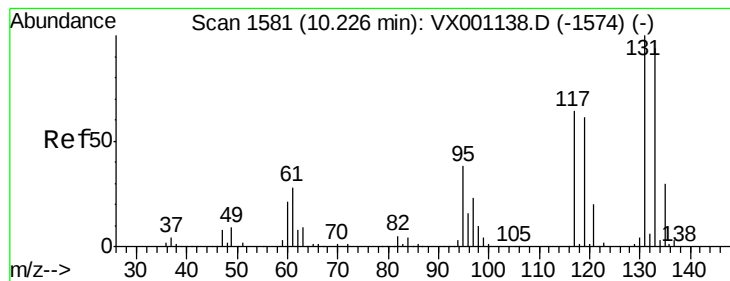
Tgt Ion:117 Resp: 256538
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.9 26.1 39.1



#65
Chlorobenzene
Concen: 861.598 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

Tgt Ion:112 Resp: 5790968
Ion Ratio Lower Upper
112 100
114 34.2 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 0.208 ug/l

RT: 10.16 min Scan# 1570

Delta R.T. -0.07 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

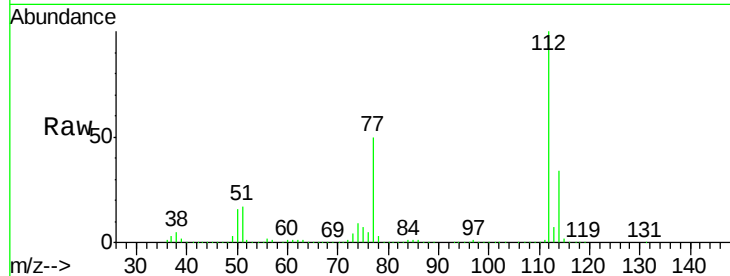
Tgt Ion:131 Resp: 483

Ion Ratio Lower Upper

131 100

133 0.0 47.8 143.4#

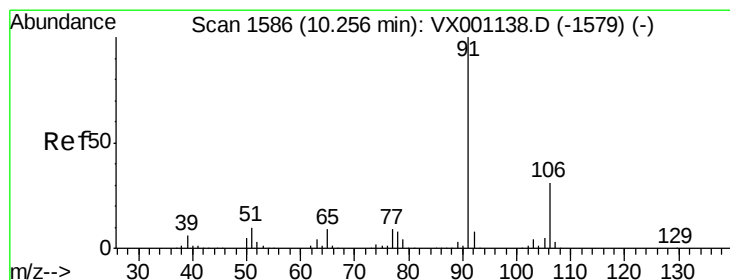
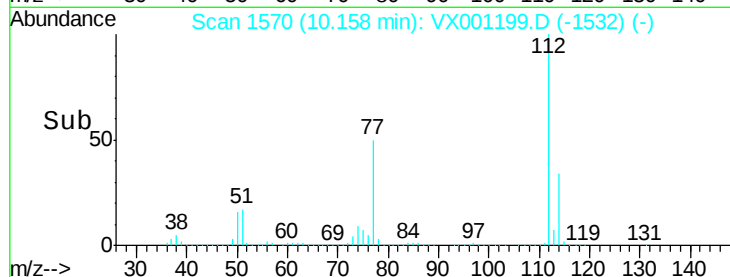
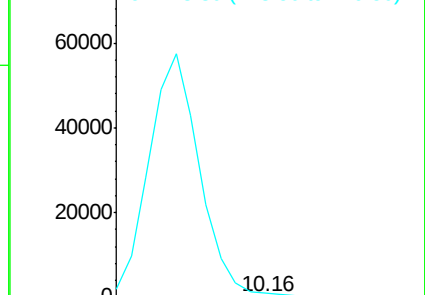
119 0.0 31.3 93.8#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.296 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001199.D

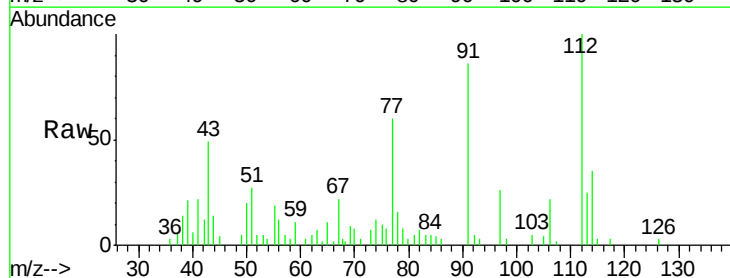
Acq: 28 Apr 2018 04:24

Tgt Ion: 91 Resp: 3230

Ion Ratio Lower Upper

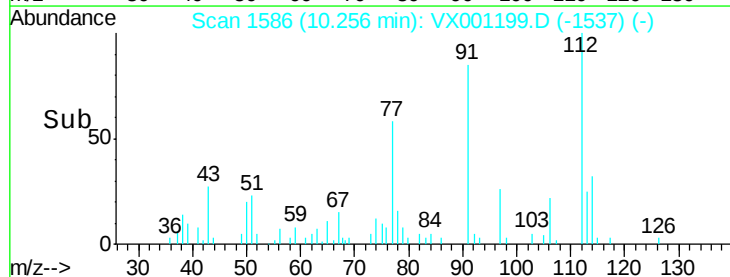
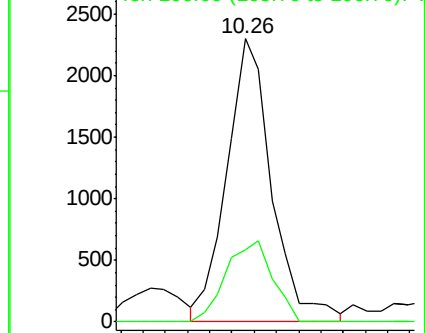
91 100

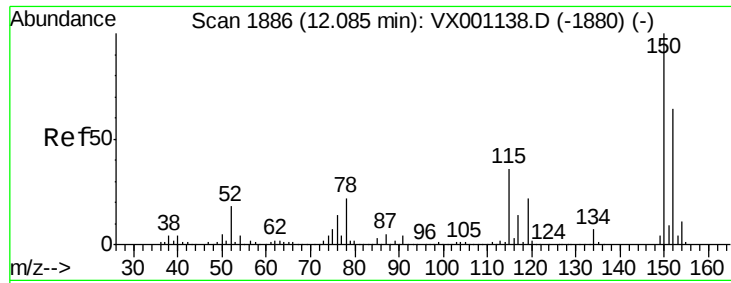
106 26.4 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

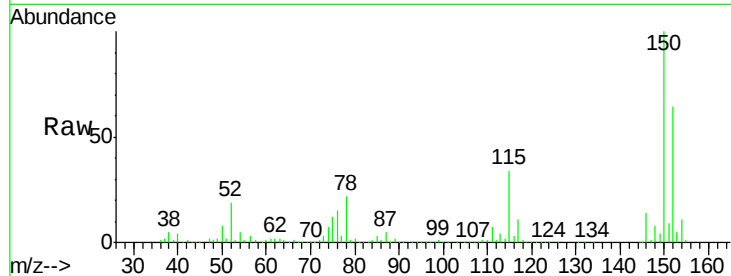
Tgt Ion:152 Resp: 149108

Ion Ratio Lower Upper

152 100

115 53.4 38.0 114.0

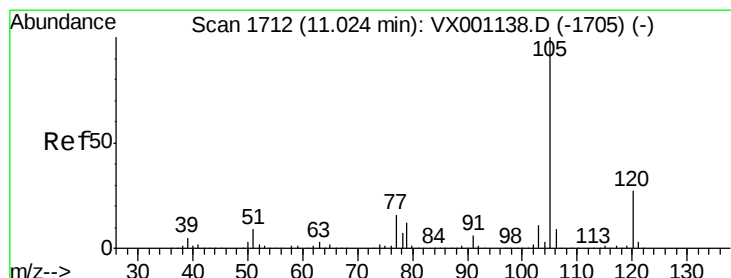
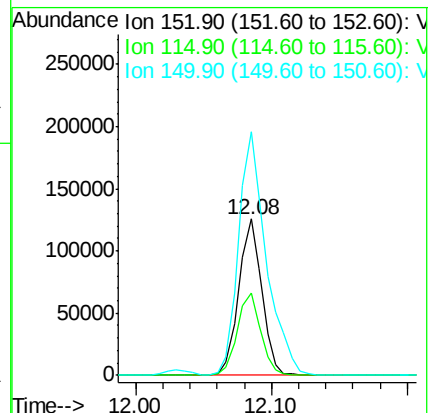
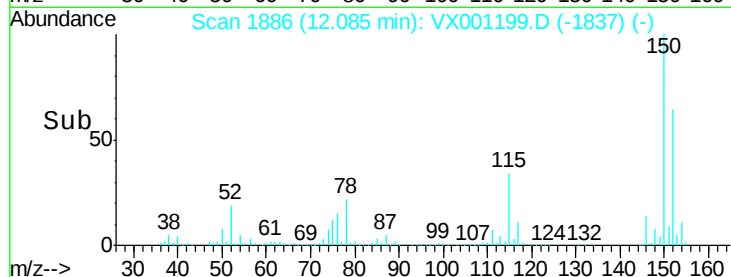
150 186.5 0.0 349.6



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



#73

Isopropylbenzene

Concen: 1.058 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001199.D

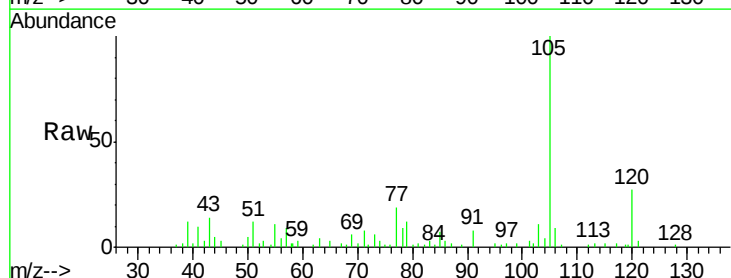
Acq: 28 Apr 2018 04:24

Tgt Ion:105 Resp: 10287

Ion Ratio Lower Upper

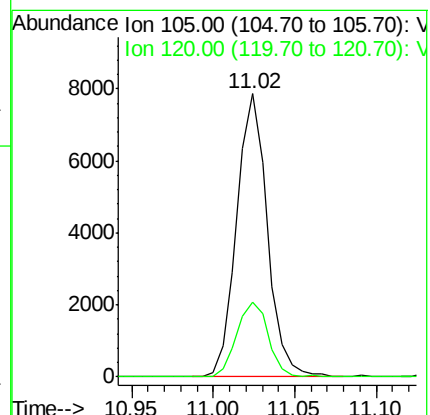
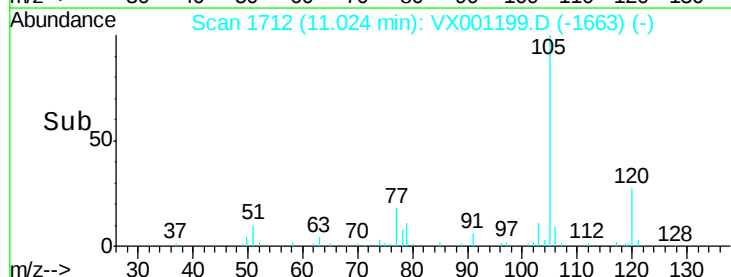
105 100

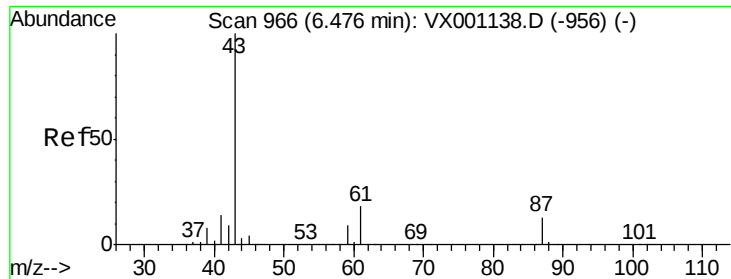
120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.463 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

Tgt Ion: 43 Resp: 2269

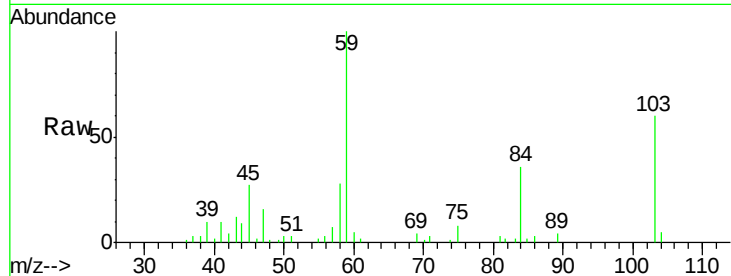
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 6.1 15.0 22.6#

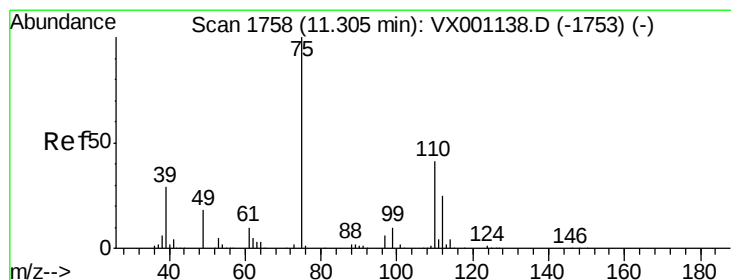
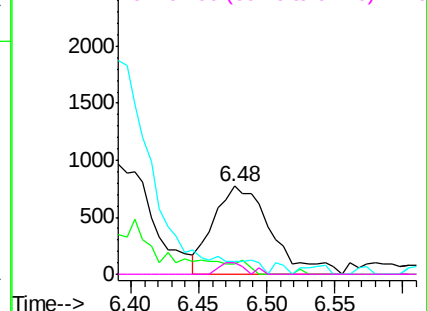
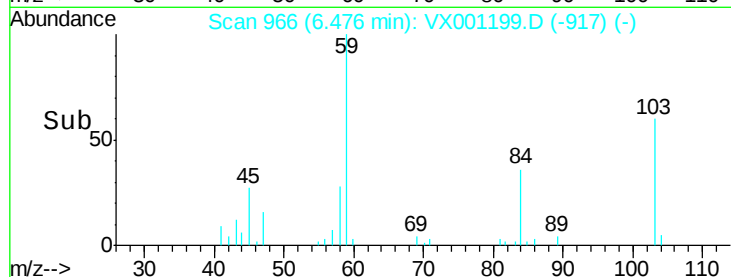


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 28.447 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001199.D

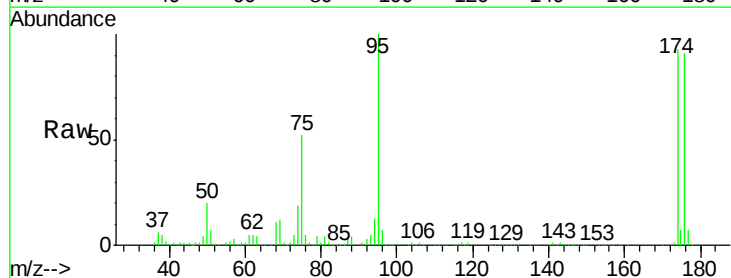
Acq: 28 Apr 2018 04:24

Tgt Ion: 75 Resp: 86371

Ion Ratio Lower Upper

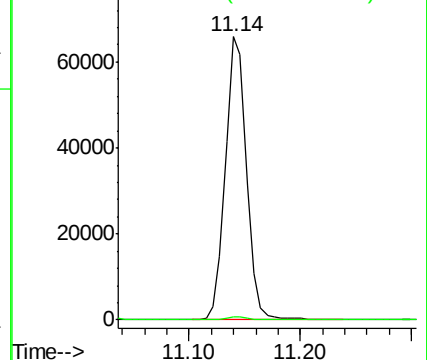
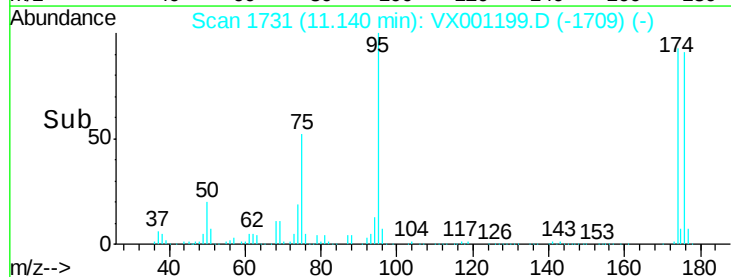
75 100

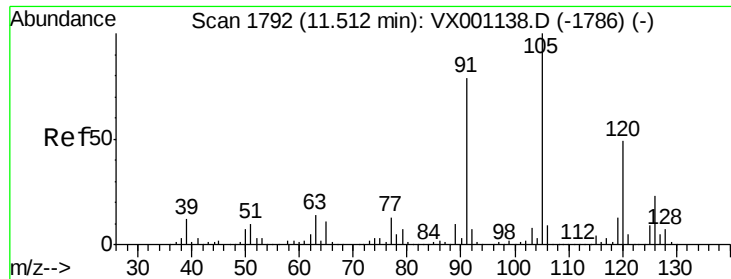
77 1.7 18.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

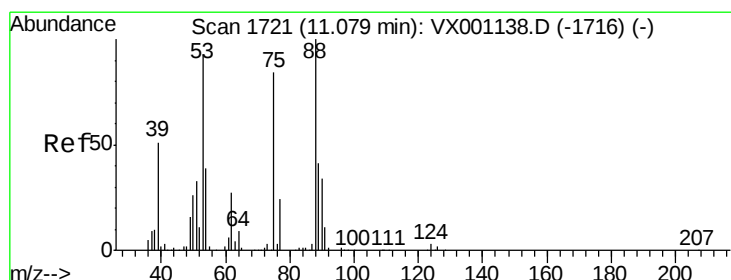
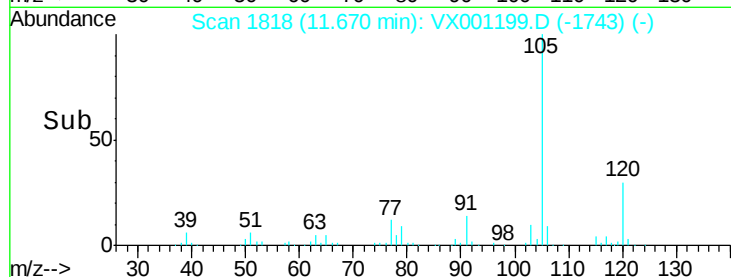
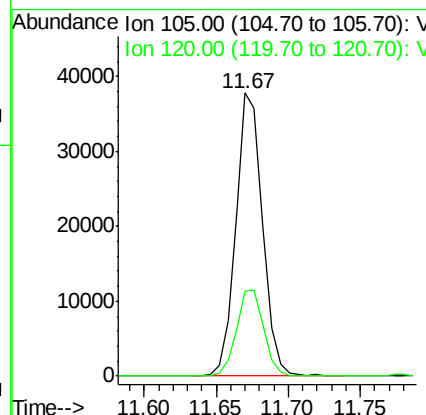
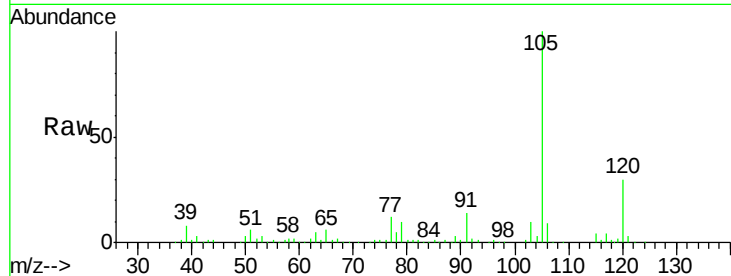




#80
 1,3,5-Trimethylbenzene
 Concen: 5.979 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. 0.16 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

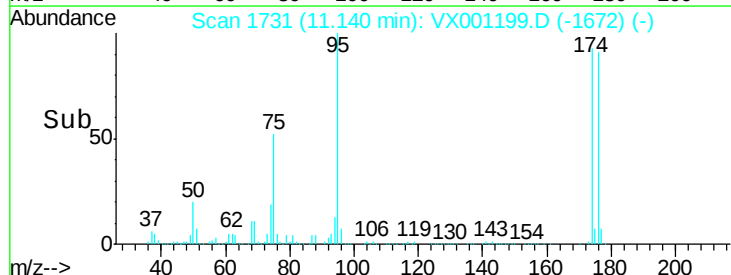
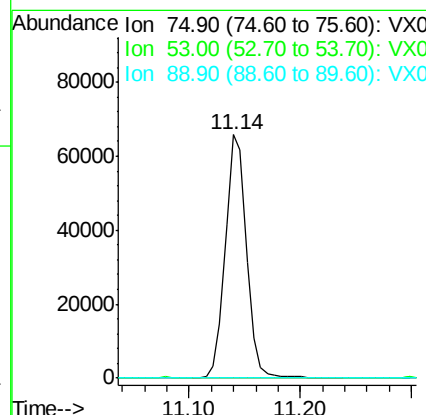
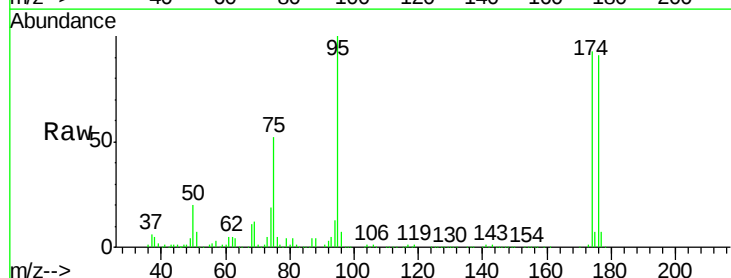
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

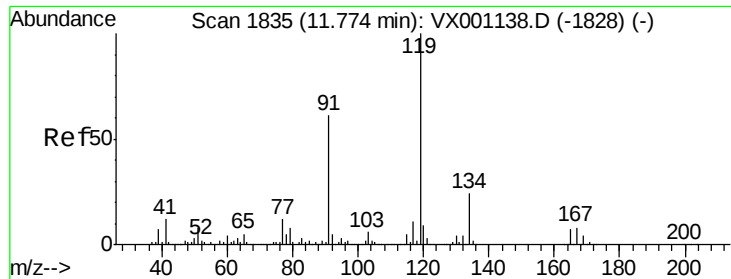
Tgt Ion: 105 Resp: 49195
 Ion Ratio Lower Upper
 105 100
 120 31.1 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.273 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion: 75 Resp: 86371
 Ion Ratio Lower Upper
 75 100
 53 0.1 87.9 131.9#
 89 0.0 37.7 56.5#

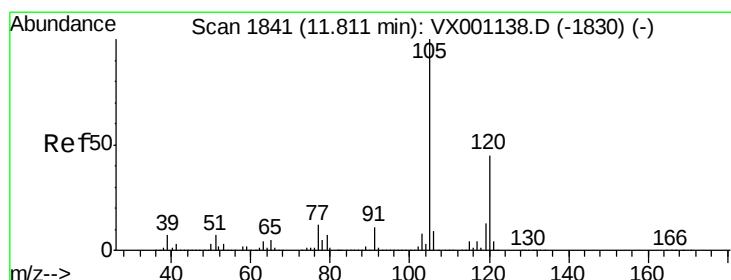
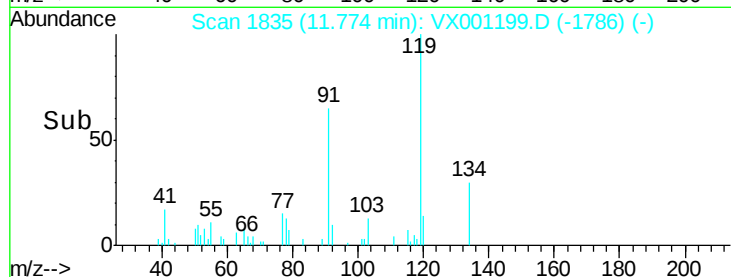
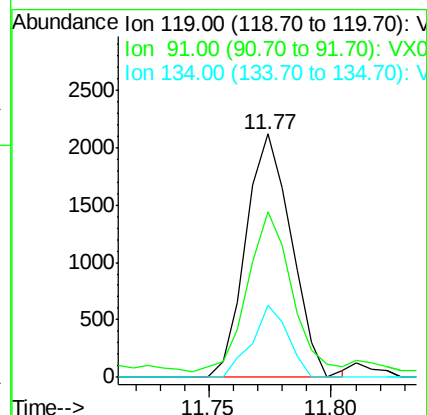
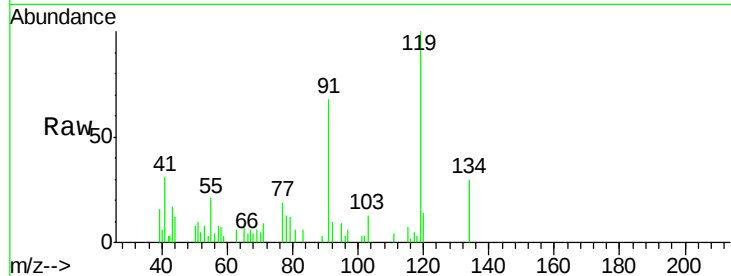




#83
 tert-Butylbenzene
 Concen: 0.335 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

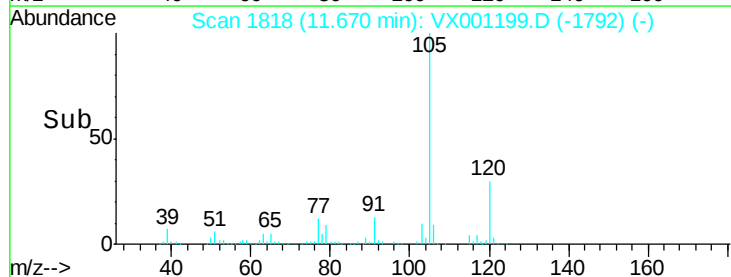
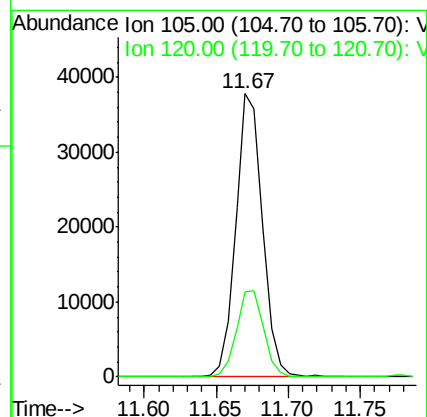
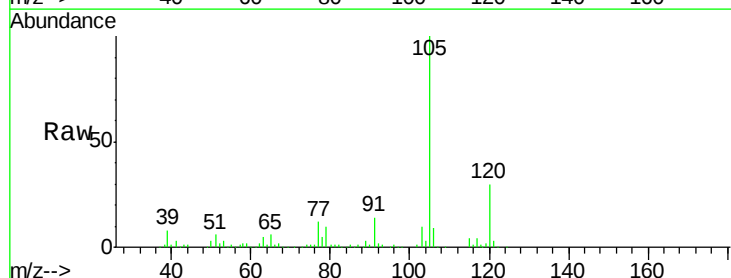
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

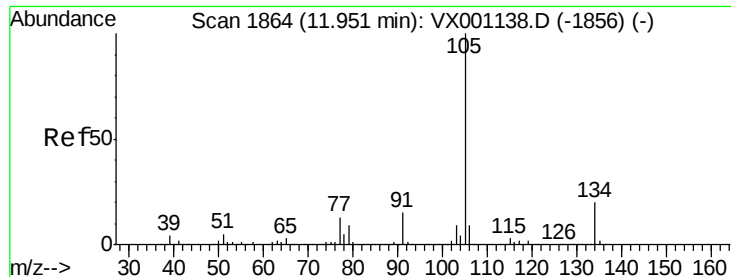
Tgt Ion:119 Resp: 2751
 Ion Ratio Lower Upper
 119 100
 91 62.9 27.6 82.8
 134 23.2 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 5.817 ug/l
 RT: 11.67 min Scan# 1818
 Delta R.T. -0.14 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion:105 Resp: 49195
 Ion Ratio Lower Upper
 105 100
 120 31.1 22.4 67.3

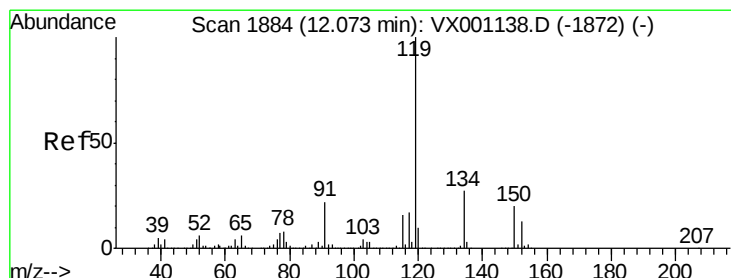
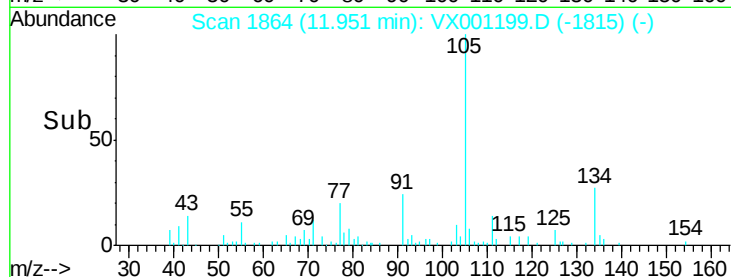
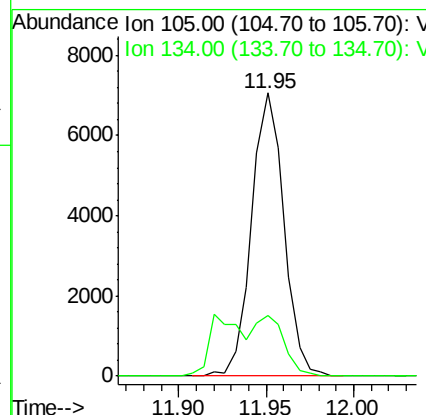
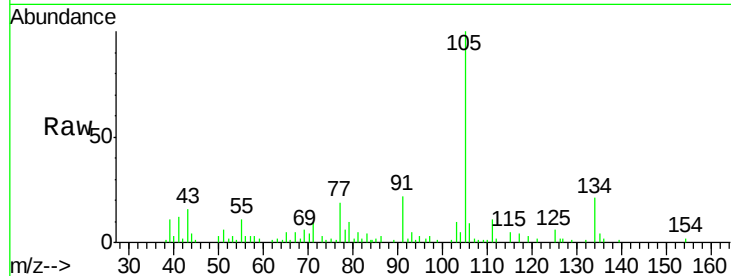




#85
 sec-Butylbenzene
 Concen: 0.945 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

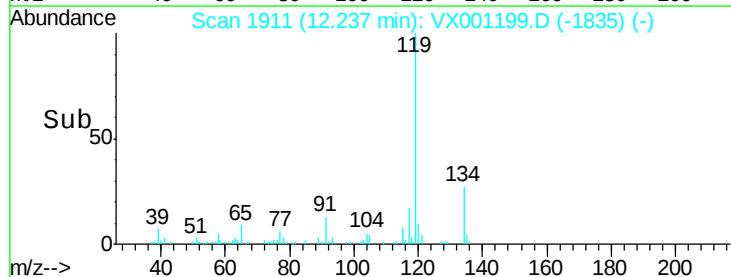
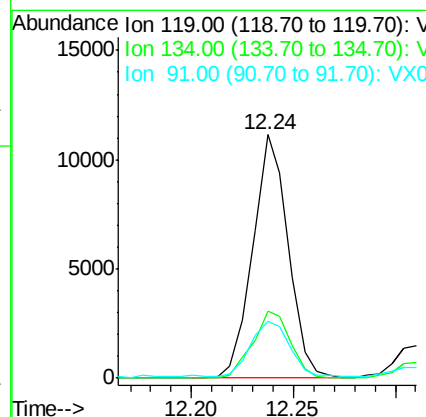
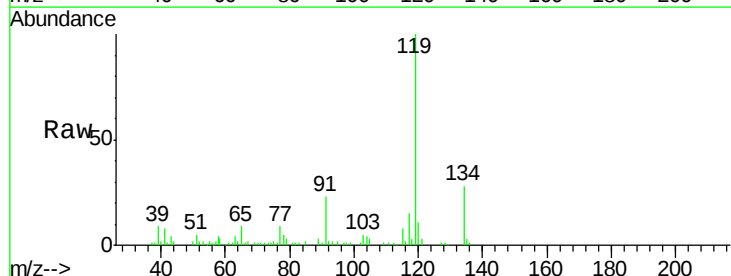
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

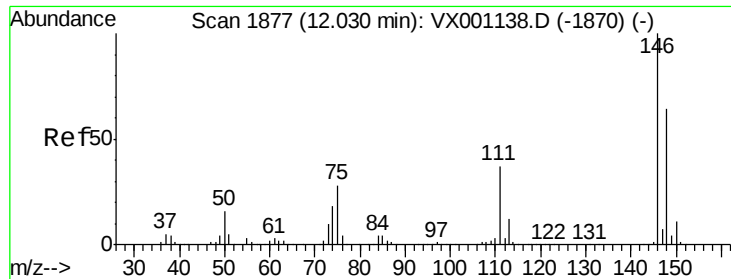
Tgt Ion:105 Resp: 9069
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 1.508 ug/l
 RT: 12.24 min Scan# 1911
 Delta R.T. 0.16 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion:119 Resp: 13457
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.4 40.1
 91 25.6 11.6 34.8

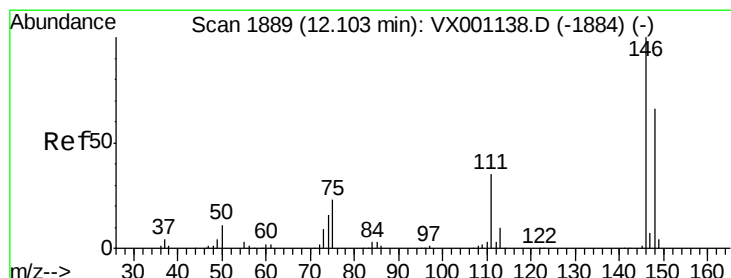
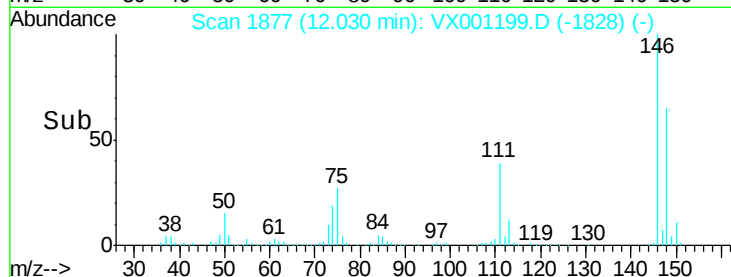
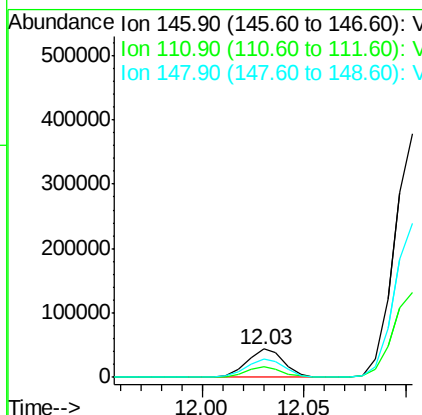
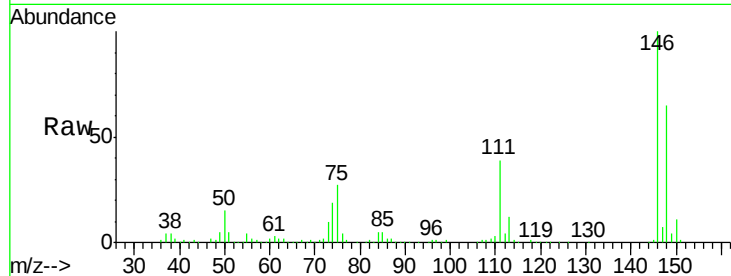




#87
 1,3-Dichlorobenzene
 Concen: 10.742 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

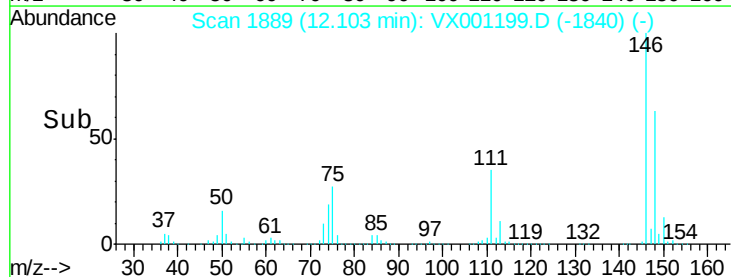
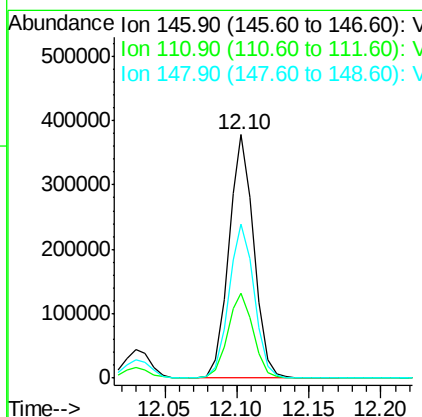
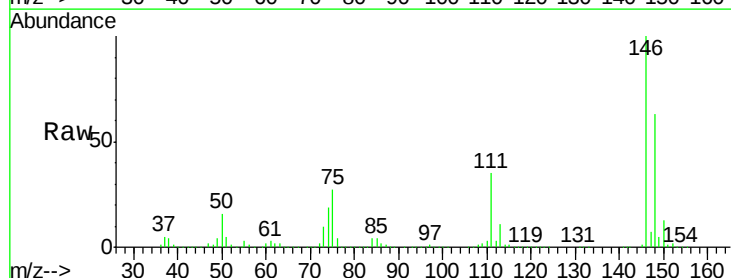
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-180418

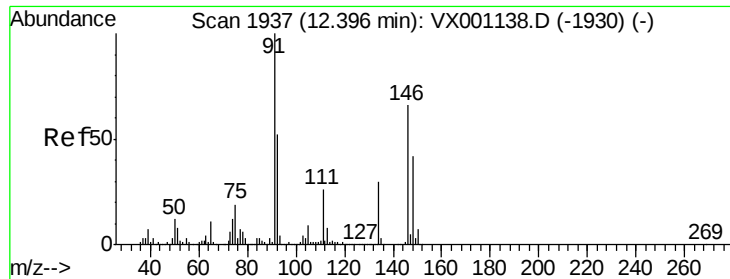
Tgt Ion:146 Resp: 55579
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 56.0
 148 65.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 85.337 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001199.D
 Acq: 28 Apr 2018 04:24

Tgt Ion:146 Resp: 460028
 Ion Ratio Lower Upper
 146 100
 111 35.4 18.0 54.0
 148 64.2 32.5 97.5





#89

n-Butylbenzene

Concen: 0.330 ug/l

RT: 12.37 min Scan# 1933

Delta R.T. -0.02 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

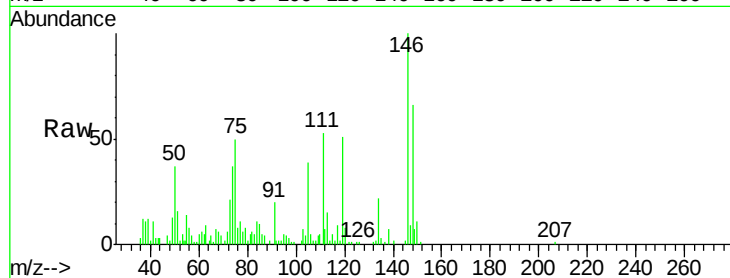
Tgt Ion: 91 Resp: 2547

Ion Ratio Lower Upper

91 100

92 0.0 26.2 78.6#

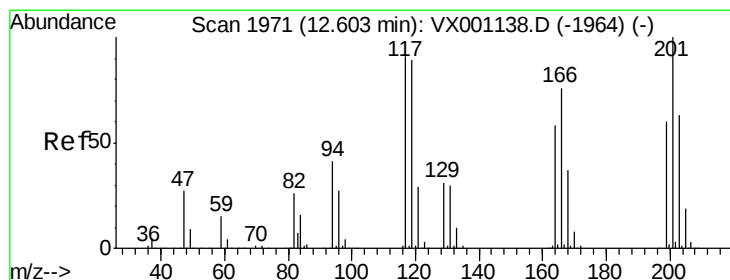
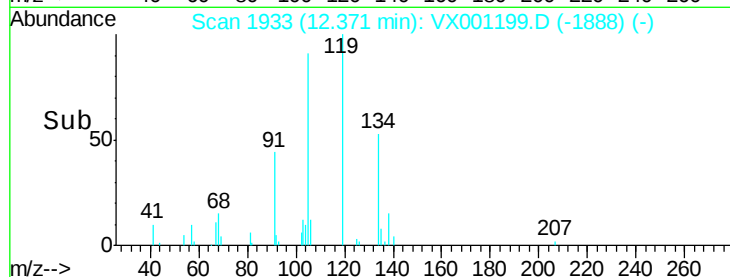
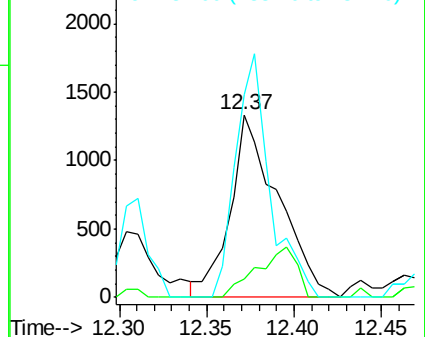
134 95.1 14.1 42.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 47.469 ug/l

RT: 12.76 min Scan# 1997

Delta R.T. 0.16 min

Lab File: VX001199.D

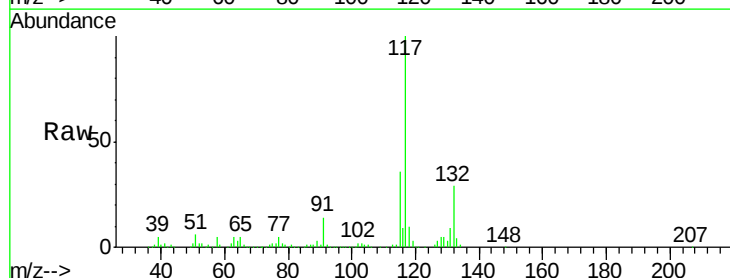
Acq: 28 Apr 2018 04:24

Tgt Ion: 117 Resp: 68091

Ion Ratio Lower Upper

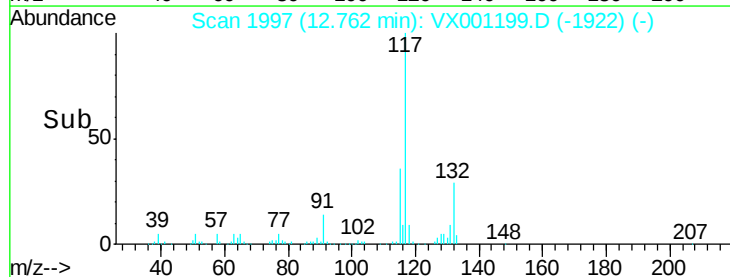
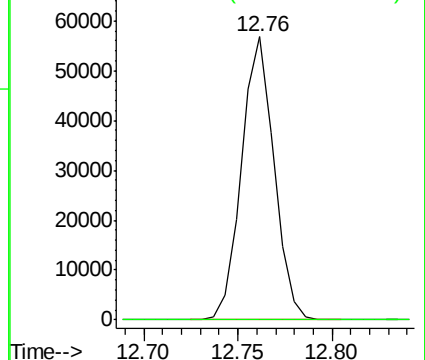
117 100

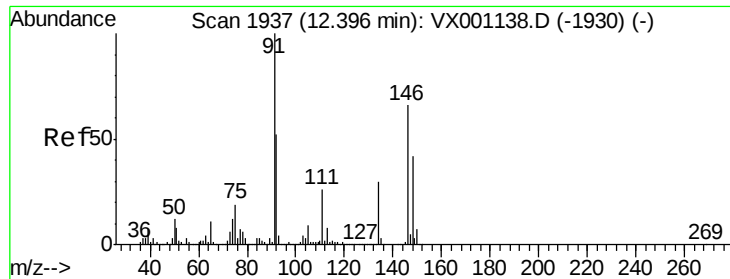
201 0.0 51.8 155.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 392.103 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-180418

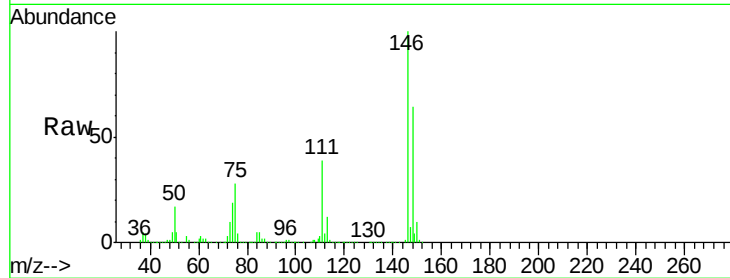
Tgt Ion:146 Resp: 2050451

Ion Ratio Lower Upper

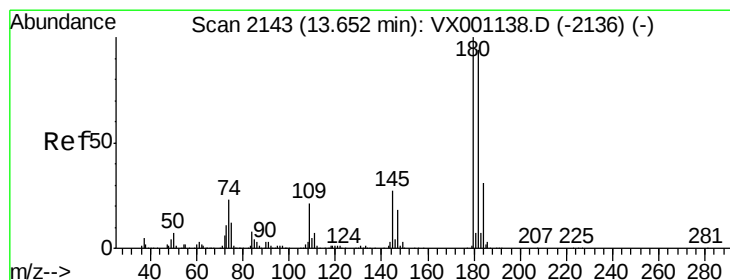
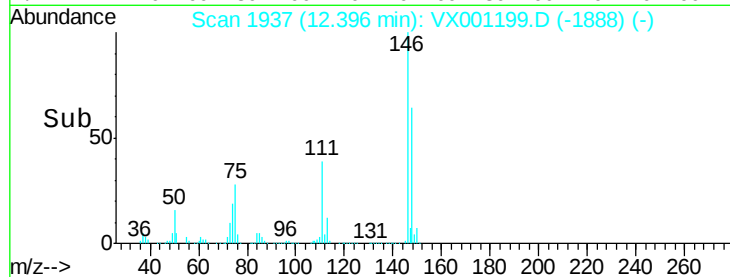
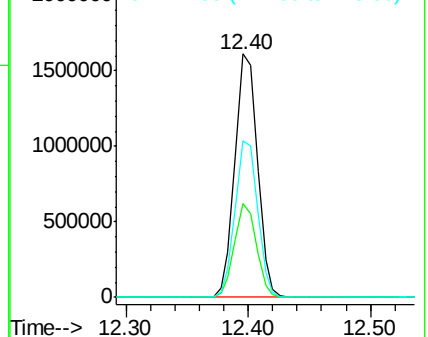
146 100

111 37.7 19.1 57.3

148 64.4 32.2 96.6



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



#93

1,2,4-Trichlorobenzene

Concen: 1.492 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001199.D

Acq: 28 Apr 2018 04:24

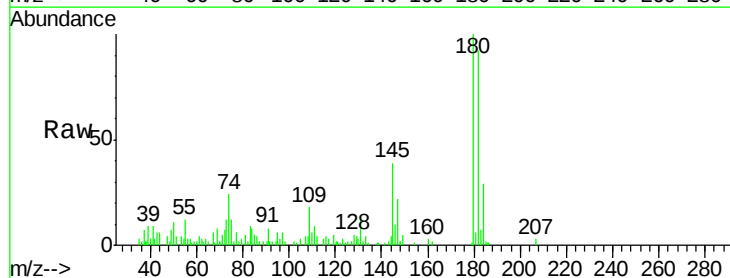
Tgt Ion:180 Resp: 6117

Ion Ratio Lower Upper

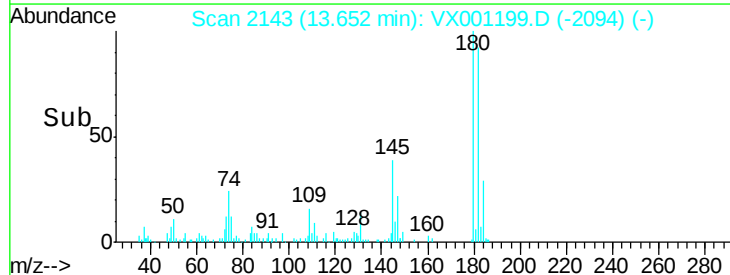
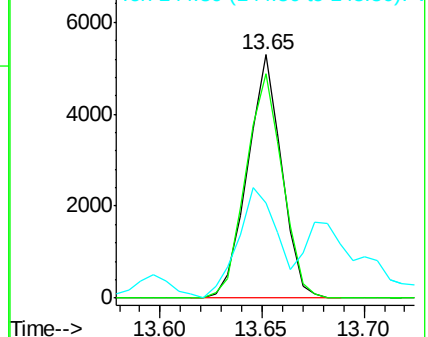
180 100

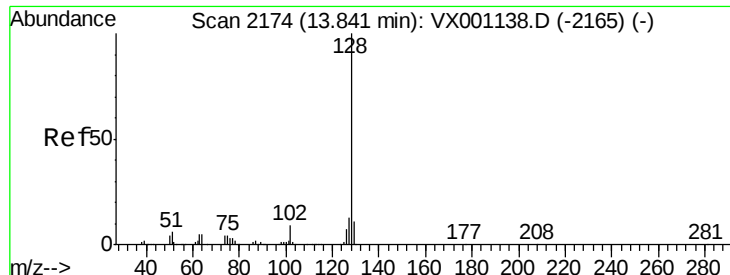
182 98.7 47.9 143.6

145 52.8 13.8 41.4#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

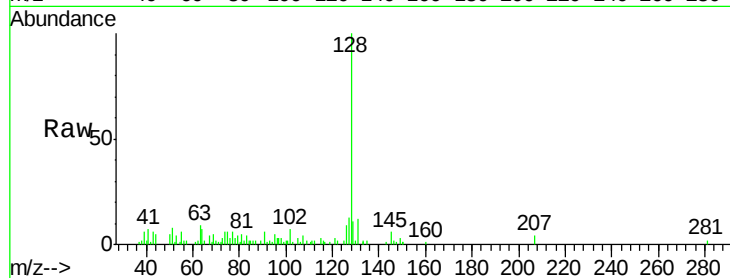




#95
Naphthalene
Concen: 0.769 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001199.D
Acq: 28 Apr 2018 04:24

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-180418

Tgt Ion	Ratio	Lower	Upper
128	100		
127	19.9	10.6	15.8#
129	0.0	8.8	13.2#



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

