

Data File : VX001107.D

Acq On : 25 Apr 2018 05:07

Operator : JC/MD

Sample : J2463-11MS 10X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 35 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Quant Time: Apr 25 07:29:34 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	158193	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	130088	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	8.73	98	473316	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	193764	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	165733	55.34	ug/l	99
3) Chloromethane	1.32	50	148140	53.12	ug/l	99
4) Vinyl Chloride	1.40	62	15197357	5258.19	ug/l #	21
5) Bromomethane	1.64	94	81876	49.13	ug/l	100
6) Chloroethane	1.73	64	89694	52.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	236468	54.46	ug/l	99
8) Diethyl Ether	2.19	74	85254	53.16	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128556	50.53	ug/l	99
10) Methyl Iodide	2.51	142	87784	37.25	ug/l	99
11) Tert butyl alcohol	3.08	59	146934	318.30	ug/l	99
12) 1,1-Dichloroethene	2.38	96	126844	53.92	ug/l	98
13) Acrolein	2.30	56	63254	431.52	ug/l	98
14) Allyl chloride	2.73	41	197882	46.48	ug/l	98
15) Acrylonitrile	3.15	53	356438	285.30	ug/l	99
16) Acetone	2.45	43	581228	504.27	ug/l	100
17) Carbon Disulfide	2.57	76	308392	45.99	ug/l	100
18) Methyl Acetate	2.78	43	226968	65.08	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	435197	55.02	ug/l	100
20) Methylene Chloride	2.86	84	140615	58.13	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	145669	55.62	ug/l	97
22) Diisopropyl ether	3.88	45	450544	54.66	ug/l	98
23) Vinyl Acetate	3.83	43	1823777	267.28	ug/l	100
24) 1,1-Dichloroethane	3.70	63	238078	51.50	ug/l	99
25) 2-Butanone	4.71	43	736322	409.23	ug/l	99
26) 2,2-Dichloropropane	4.59	77	80808	20.32	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	1883081	645.45	ug/l	89
28) Bromochloromethane	5.03	49	99200	55.80	ug/l	98
29) Tetrahydrofuran	5.17	42	328323	288.76	ug/l	99
30) Chloroform	5.23	83	260196	54.34	ug/l	99
31) Cyclohexane	5.58	56	218673	50.67	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	230857	53.78	ug/l	99
36) 1,1-Dichloropropene	5.81	75	189227	47.51	ug/l	100
37) Ethyl Acetate	4.87	43	198438	54.31	ug/l #	81
38) Carbon Tetrachloride	5.79	117	204824	50.79	ug/l	99

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Instrument :

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	225750	48.69	ug/l	100
40) Benzene	6.15	78	590314	53.31	ug/l	99
41) Methacrylonitrile	5.07	41	117707	51.59	ug/l	99
42) 1,2-Dichloroethane	6.21	62	222017	52.23	ug/l	99
43) Isopropyl Acetate	6.48	43	334788	53.41	ug/l	99
44) Trichloroethene	7.22	130	165297	48.86	ug/l	100
45) 1,2-Dichloropropane	7.52	63	144915	52.04	ug/l	100
46) Dibromomethane	7.67	93	99076	50.93	ug/l	100
47) Bromodichloromethane	7.91	83	190877	52.96	ug/l	99
48) Methyl methacrylate	7.79	41	181090	53.65	ug/l	98
49) 1,4-Dioxane	7.76	88	58379	1176.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	3532084	928.05	ug/l	100
52) Toluene	8.79	92	2069146	286.29	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	194102	45.03	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	186523	45.89	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	160236	55.78	ug/l	99
56) Ethyl methacrylate	9.19	69	228771	54.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	246207	51.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	280494	136.21	ug/l	100
59) 2-Hexanone	9.51	43	835264	286.72	ug/l	99
60) Dibromochloromethane	9.59	129	163363	54.15	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161636	53.32	ug/l	99
64) Tetrachloroethene	9.34	164	165869	47.19	ug/l	99
65) Chlorobenzene	10.15	112	739299	83.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	160024	52.90	ug/l	99
67) Ethyl Benzene	10.26	91	1025812	70.09	ug/l	99
68) m/p-Xylenes	10.37	106	828567	143.65	ug/l	98
69) o-Xylene	10.71	106	428466	77.05	ug/l	97
70) Styrene	10.72	104	480135	52.43	ug/l	94
71) Bromoform	10.87	173	134604	47.92	ug/l	100
73) Isopropylbenzene	11.02	105	776260	51.76	ug/l	99
74) N-amyl acetate	6.48	43	334788	52.18	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	234796	55.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	244788	61.50	ug/l	88
77) Bromobenzene	11.26	156	216838	49.81	ug/l	99
78) n-propylbenzene	11.37	91	884496	51.37	ug/l	99
79) 2-Chlorotoluene	11.43	91	530403	52.13	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	755918	59.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	42240	33.70	ug/l	94
82) 4-Chlorotoluene	11.52	91	622645	50.65	ug/l	99
83) tert-Butylbenzene	11.77	119	654540	51.03	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	968528	74.02	ug/l	99
85) sec-Butylbenzene	11.95	105	777646	50.79	ug/l	99
86) p-Isopropyltoluene	12.07	119	714488	50.45	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	433075	53.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	507027	60.61	ug/l	99
89) n-Butylbenzene	12.40	91	608576	48.30	ug/l	99
90) Hexachloroethane	12.60	117	110009	54.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	1125222	142.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52894	59.47	ug/l	95

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\
Quantitation Report (Not Reviewed)

Data File : VX001107.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :
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Quant Time: Apr 25 07:29:34 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

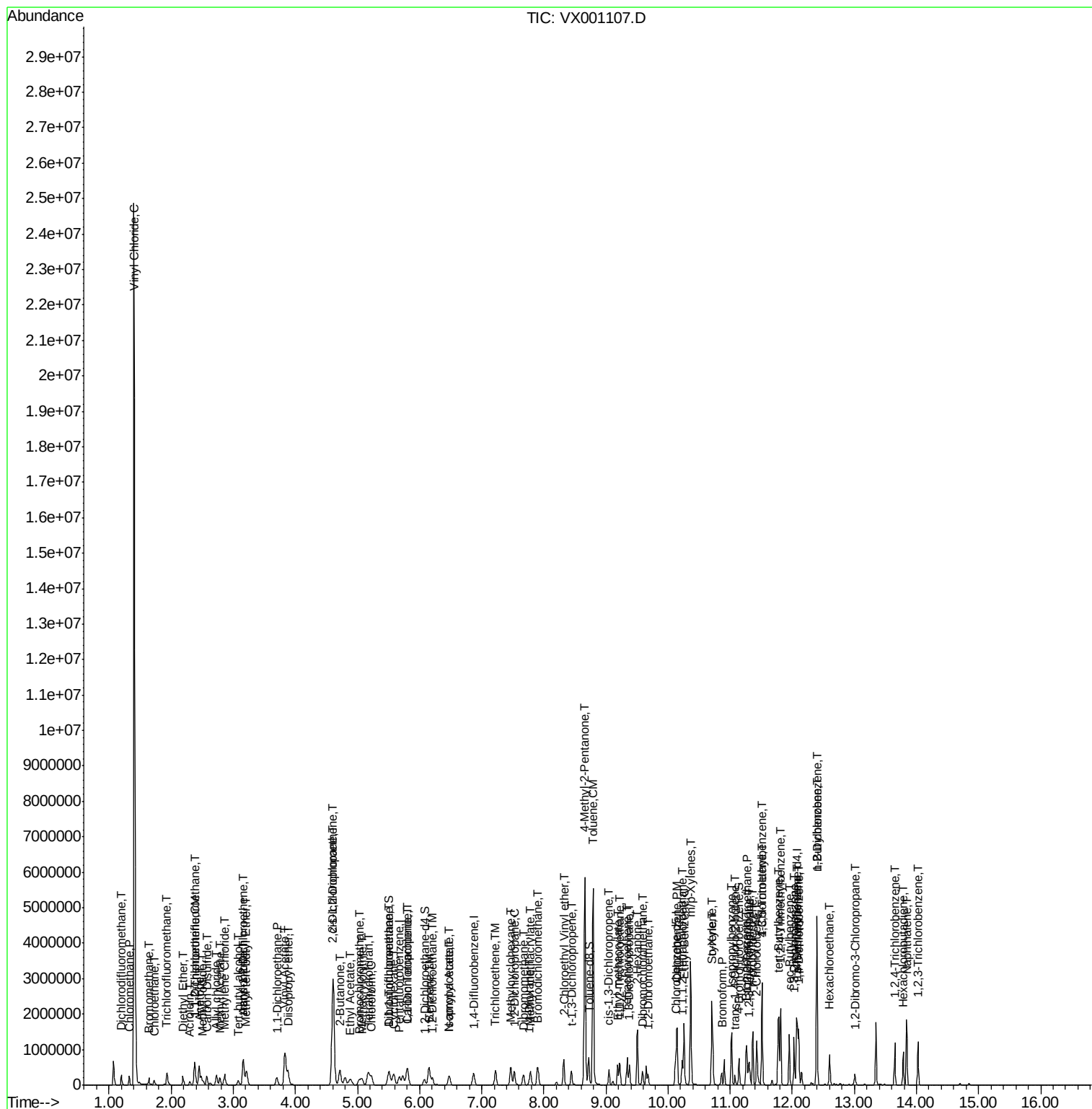
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	309188	46.68	ug/l	100
94) Hexachlorobutadiene	13.79	225	149136	49.76	ug/l	99
95) Naphthalene	13.84	128	1144946	70.29	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316258	49.37	ug/l	99

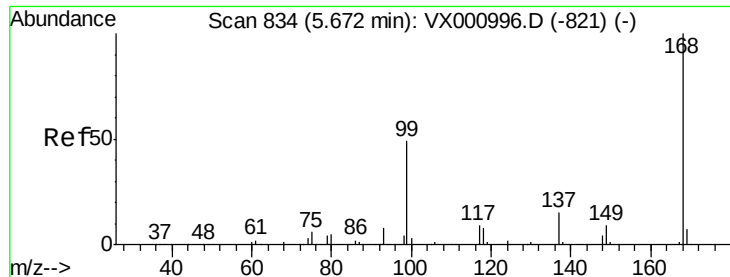
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 35 Sample Multiplier: 1

LF001MW001-180418MS

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: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

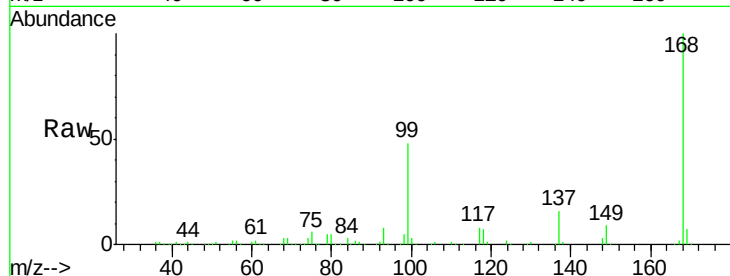
LF001MW001-180418MS

Tgt Ion:168 Resp: 241469

Ion Ratio Lower Upper

168 100

99 48.3 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

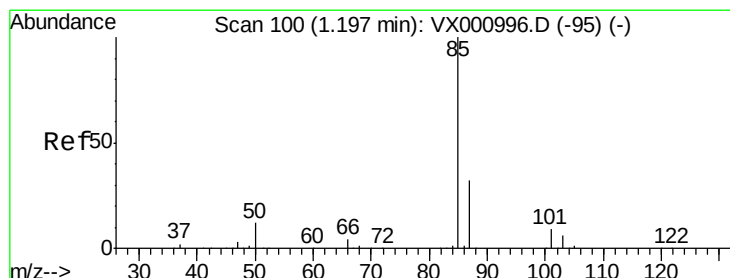
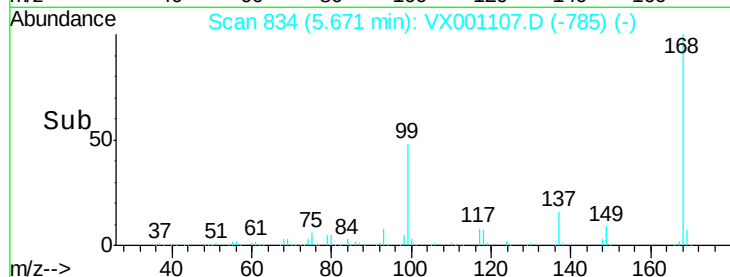
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 55.34 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001107.D

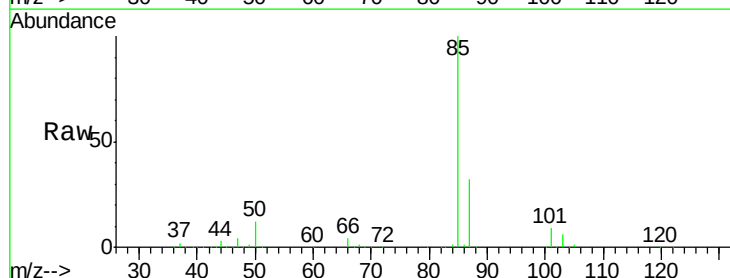
Acq: 25 Apr 2018 05:07

Tgt Ion: 85 Resp: 165733

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

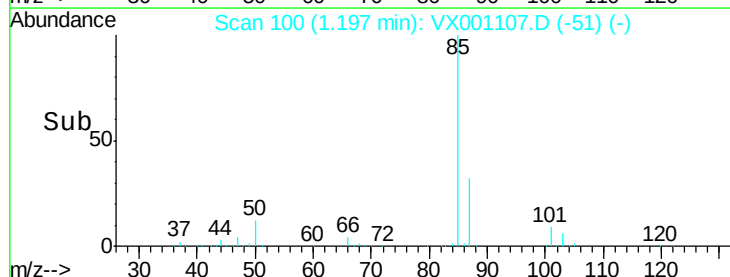
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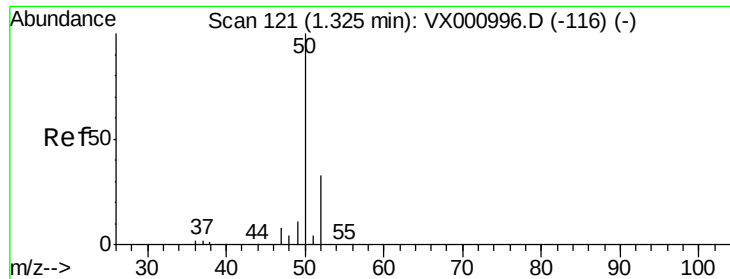
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 53.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

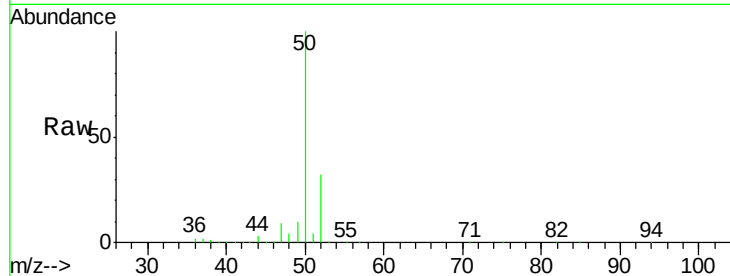
LF001MW001-180418MS

Tgt Ion: 50 Resp: 148140

Ion Ratio Lower Upper

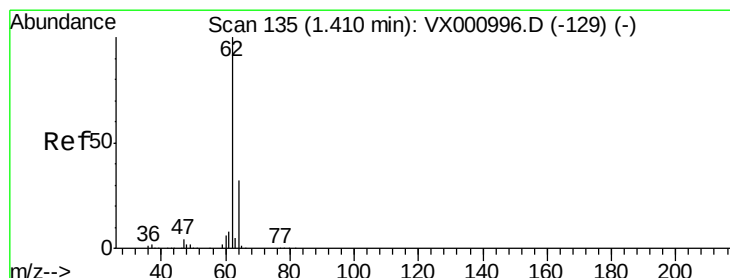
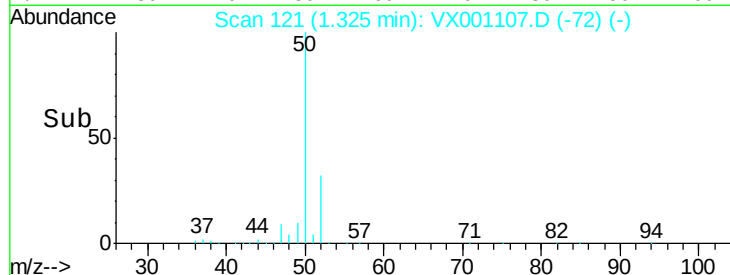
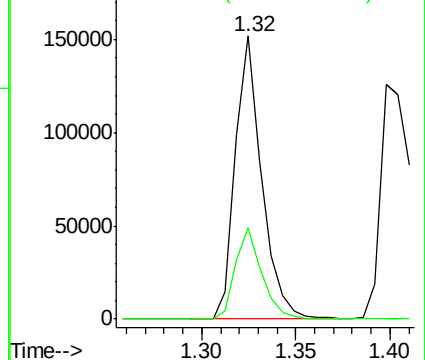
50 100

52 32.2 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5258.19 ug/l

RT: 1.40 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX001107.D

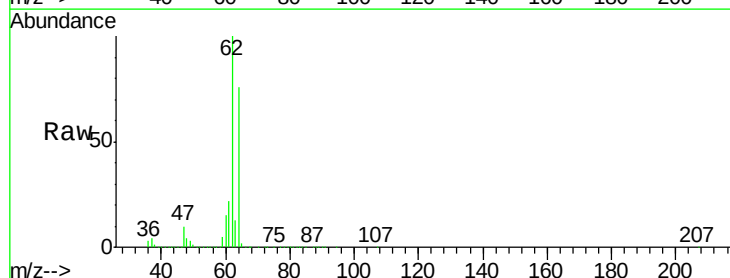
Acq: 25 Apr 2018 05:07

Tgt Ion: 62 Resp: 15197357

Ion Ratio Lower Upper

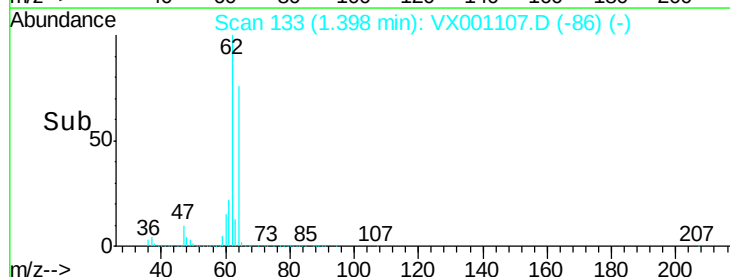
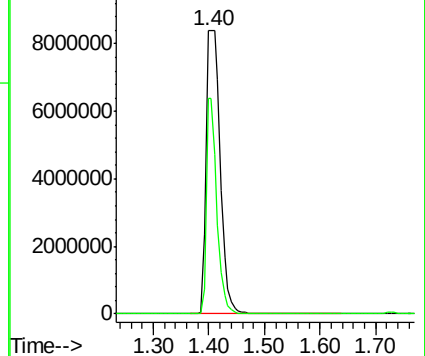
62 100

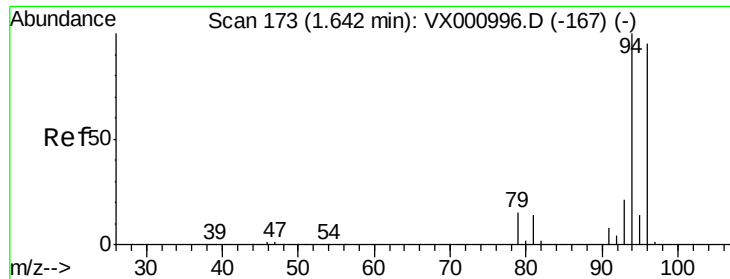
64 76.2 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

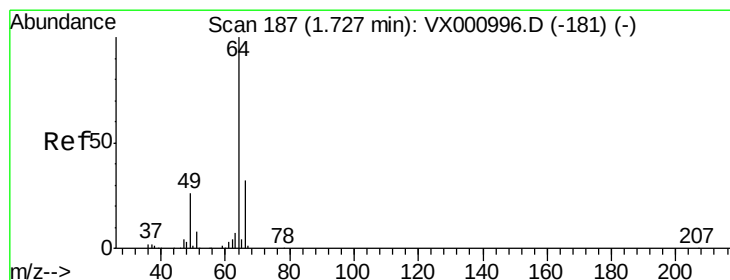
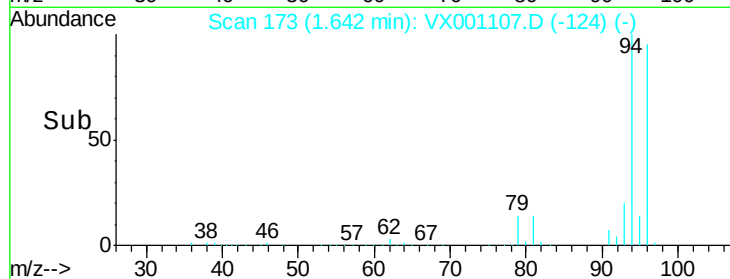
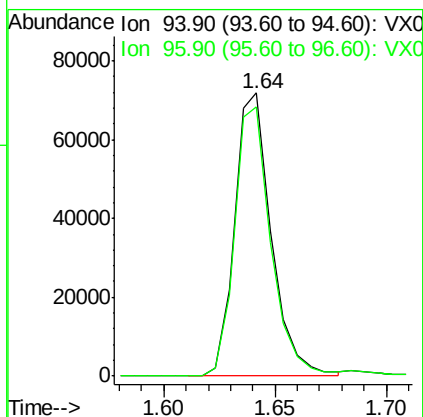
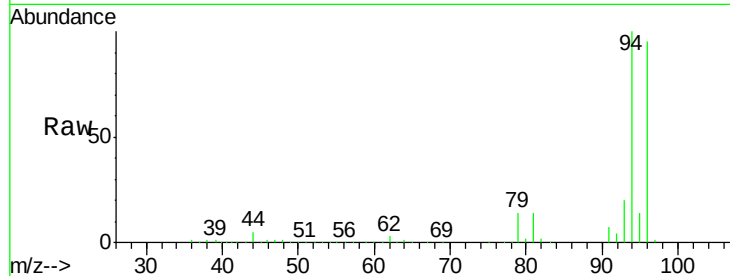




#5
Bromomethane
Concen: 49.13 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

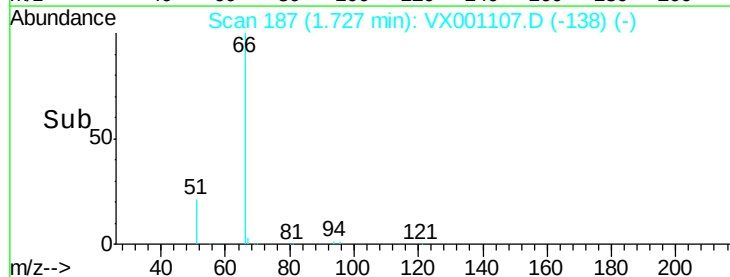
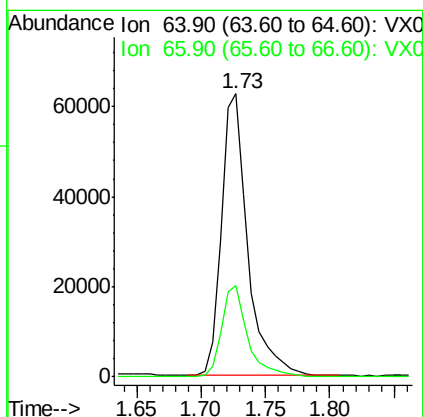
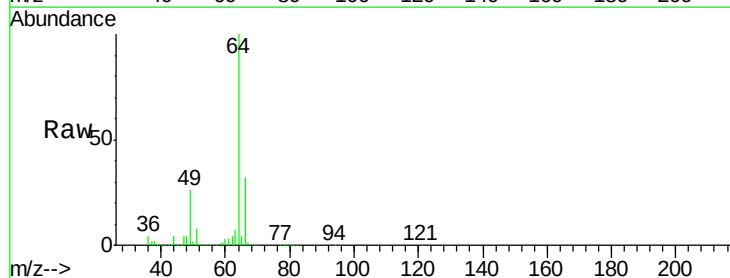
Instrument :
MSVOA_X
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LF001MW001-180418MS

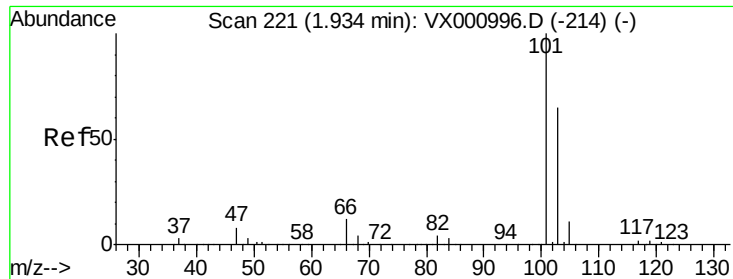
Tgt Ion: 94 Resp: 81876
Ion Ratio Lower Upper
94 100
96 95.3 76.0 114.0



#6
Chloroethane
Concen: 52.23 ug/l
RT: 1.73 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 64 Resp: 89694
Ion Ratio Lower Upper
64 100
66 32.6 25.3 37.9



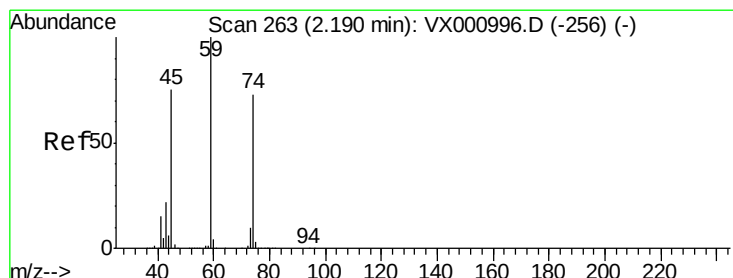
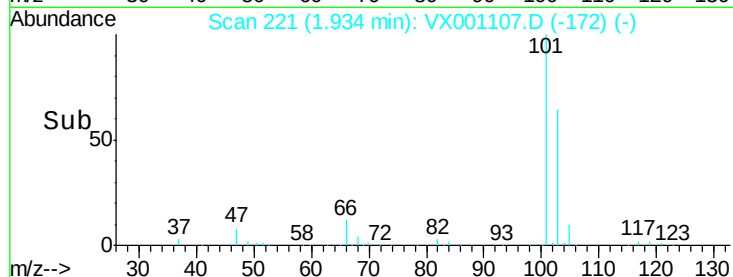
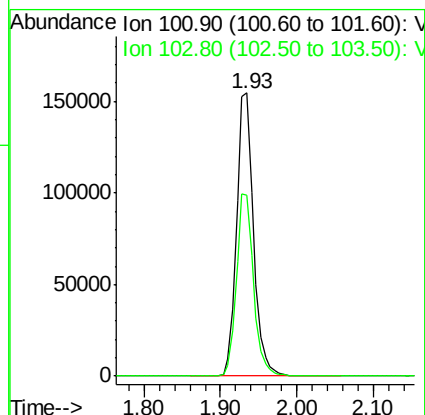
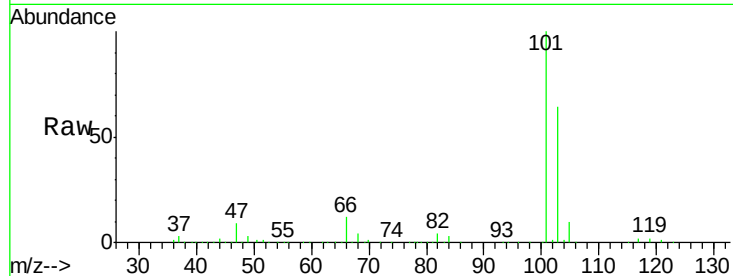


#7

Trichlorofluoromethane
Concen: 54.46 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

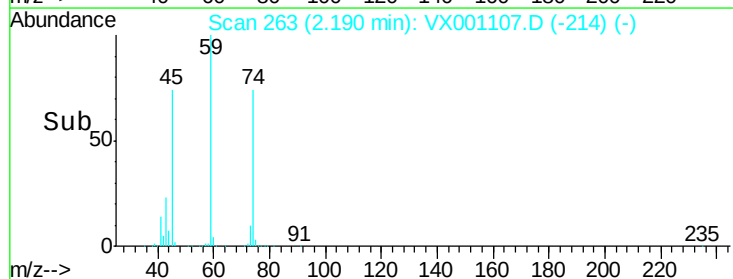
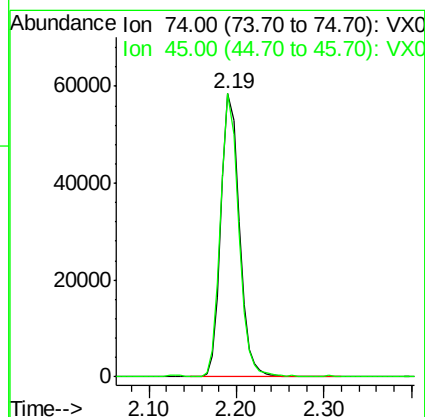
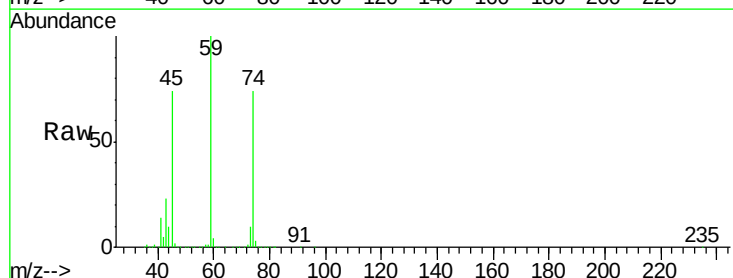
Tgt Ion:101 Resp: 236468
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

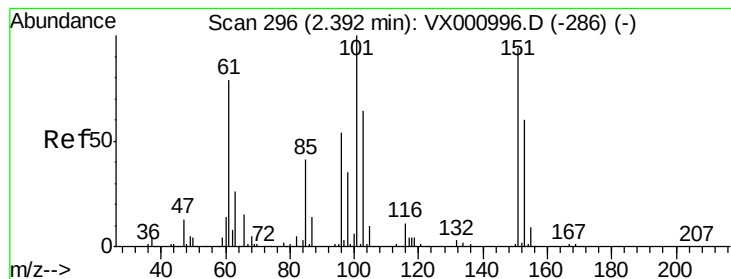


#8

Diethyl Ether
Concen: 53.16 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 74 Resp: 85254
Ion Ratio Lower Upper
74 100
45 97.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.53 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

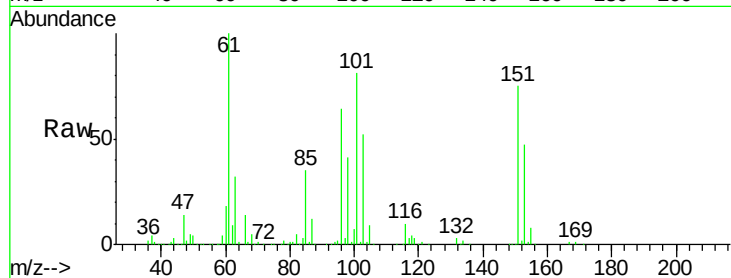
Tgt Ion:101 Resp: 128556

Ion Ratio Lower Upper

101 100

85 44.1 33.9 50.9

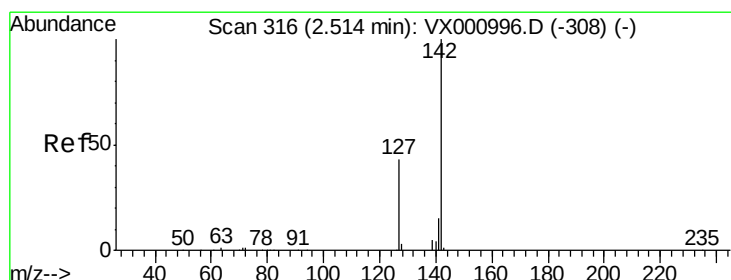
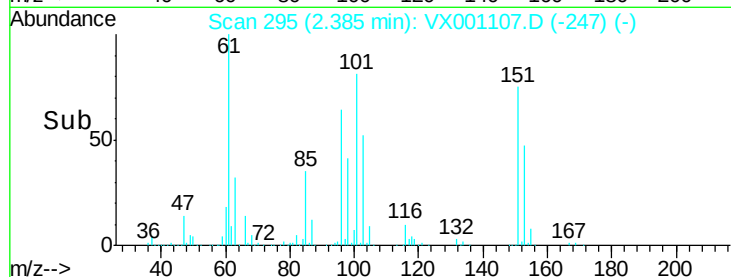
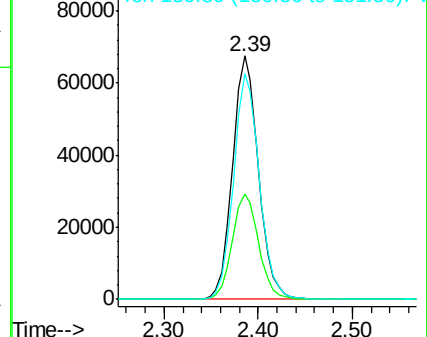
151 92.2 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.25 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

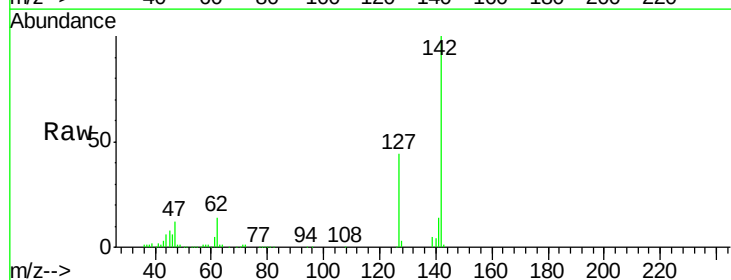
Tgt Ion:142 Resp: 87784

Ion Ratio Lower Upper

142 100

127 43.2 34.0 51.0

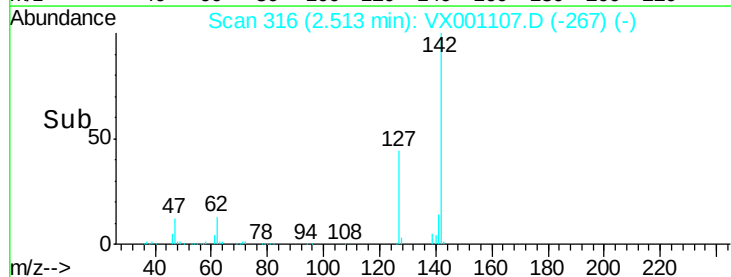
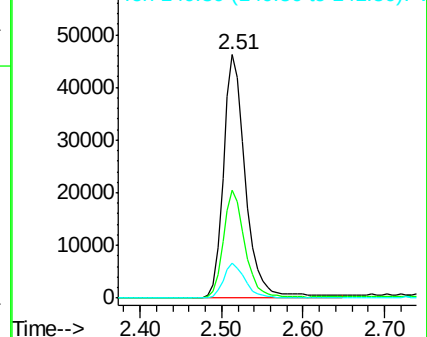
141 14.1 11.4 17.2

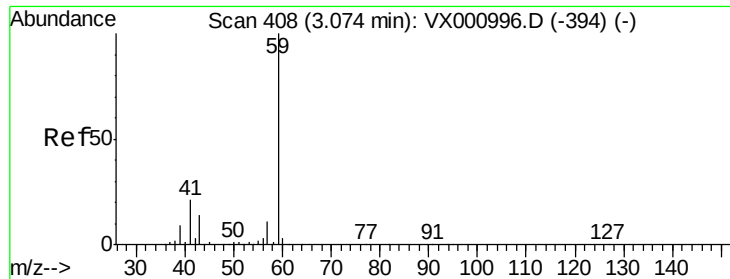


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

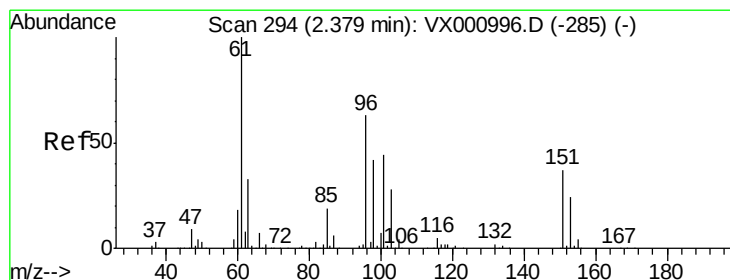
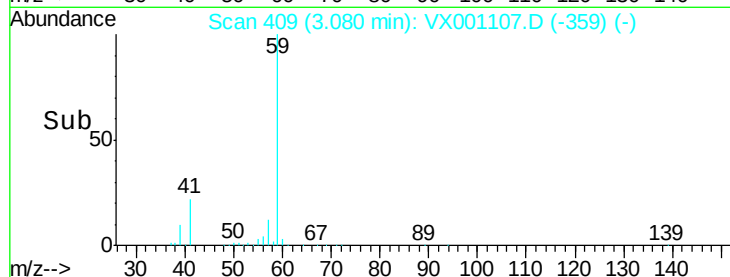
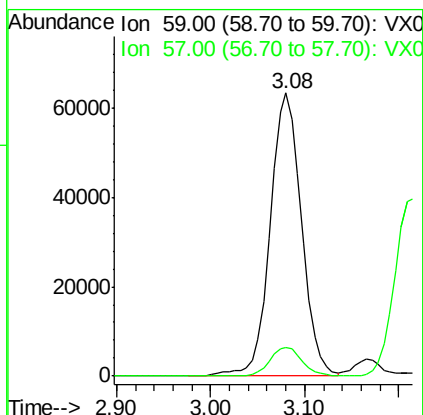
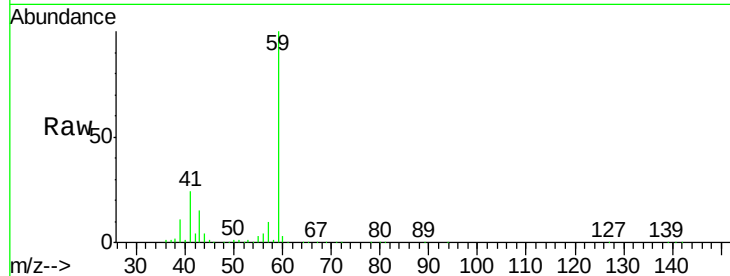




#11
Tert butyl alcohol
Concen: 318.30 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

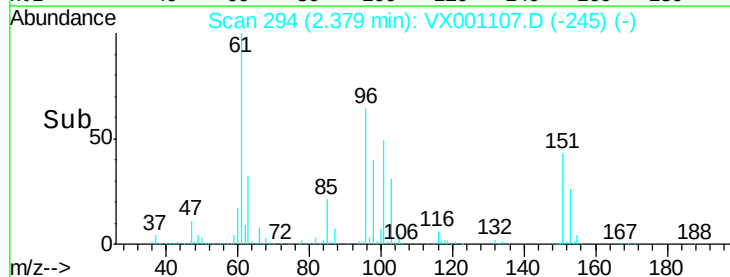
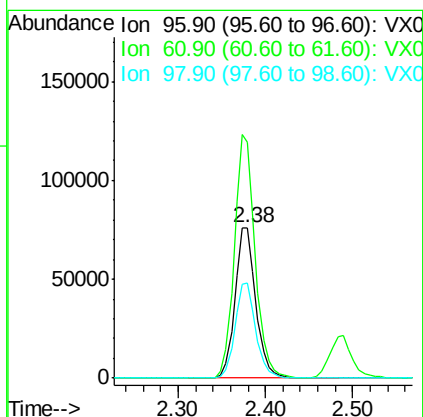
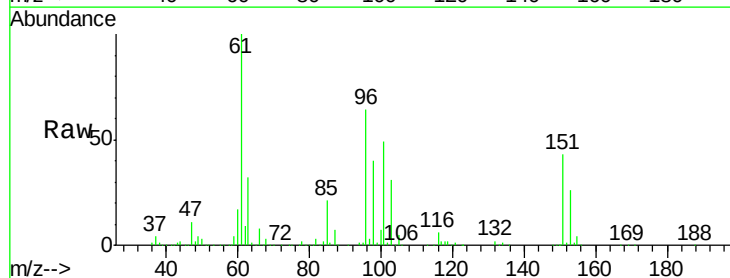
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

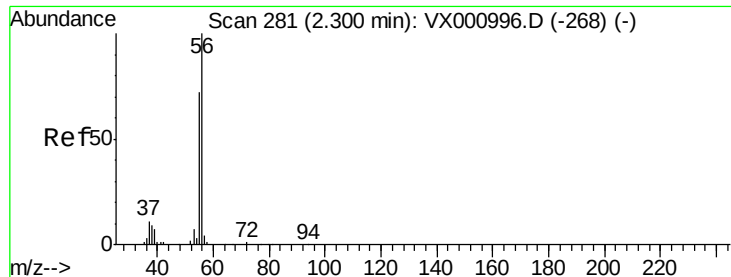
Tgt Ion: 59 Resp: 146934
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 53.92 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 96 Resp: 126844
Ion Ratio Lower Upper
96 100
61 156.7 126.4 189.6
98 63.4 52.6 78.8





#13

Acrolein

Concen: 431.52 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

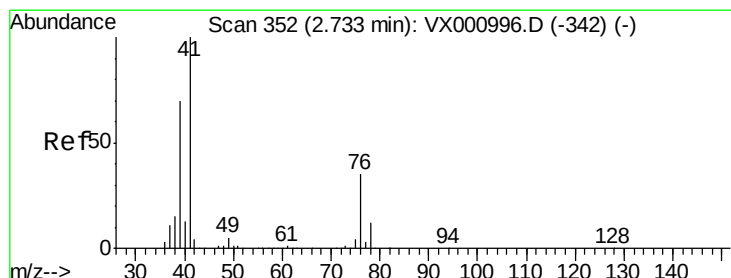
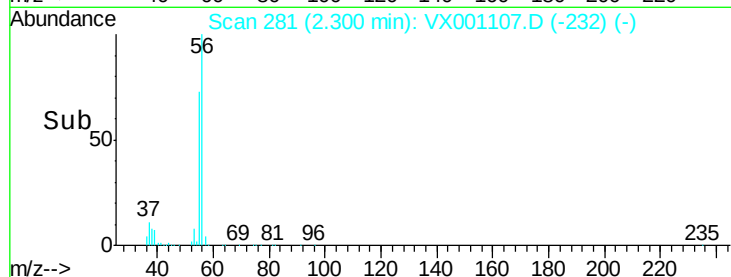
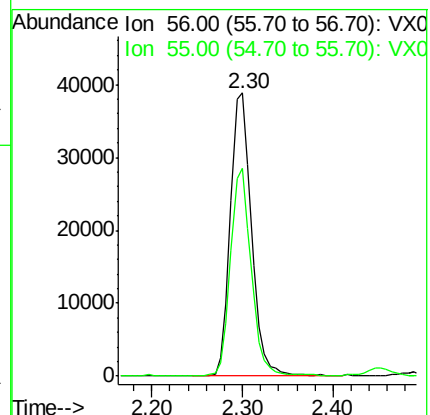
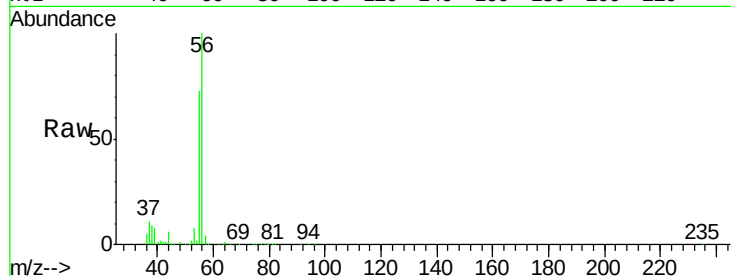
LF001MW001-180418MS

Tgt Ion: 56 Resp: 63254

Ion Ratio Lower Upper

56 100

55 70.4 57.4 86.2



#14

Allyl chloride

Concen: 46.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

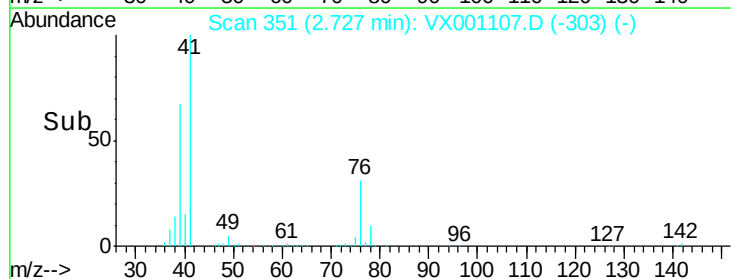
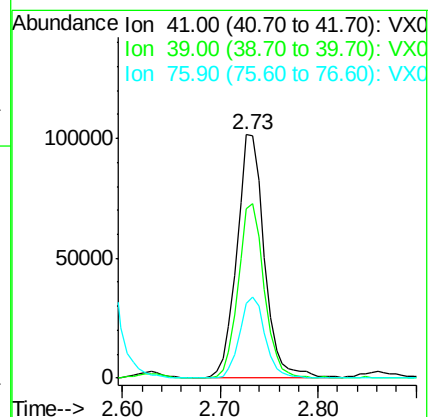
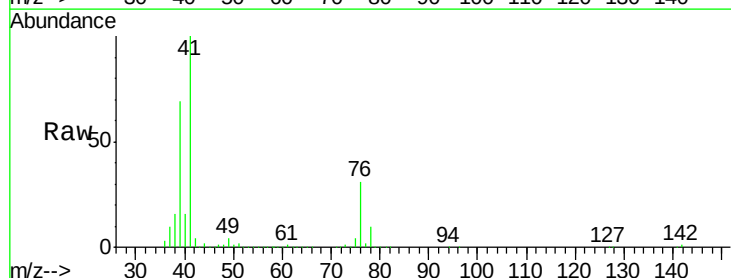
Tgt Ion: 41 Resp: 197882

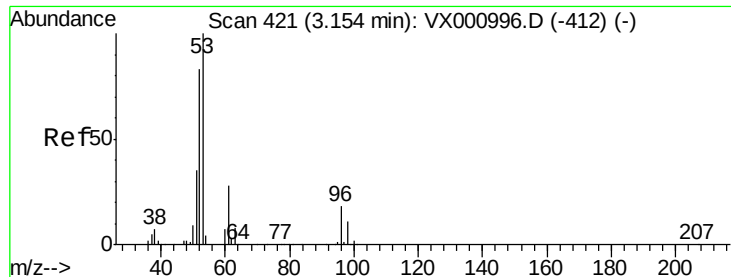
Ion Ratio Lower Upper

41 100

39 67.4 53.0 79.6

76 31.1 25.9 38.9





#15

Acrylonitrile

Concen: 285.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

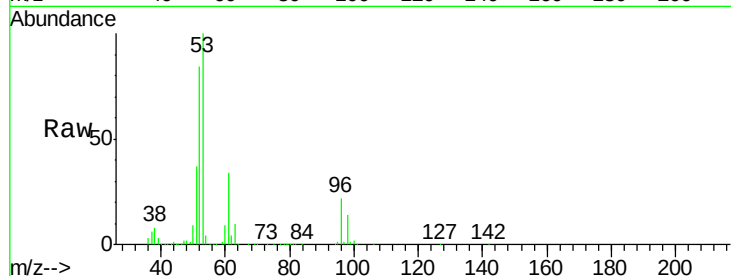
Tgt Ion: 53 Resp: 356438

Ion Ratio Lower Upper

53 100

52 83.5 66.4 99.6

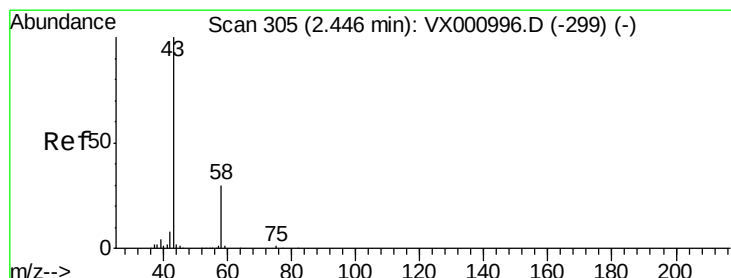
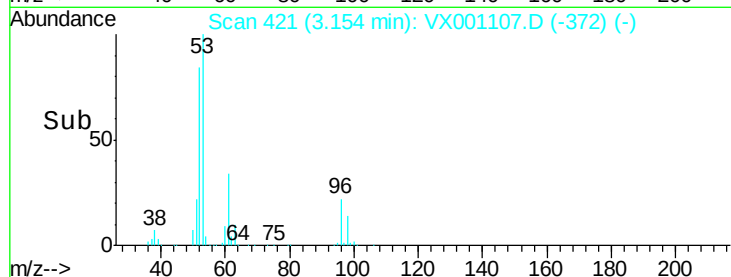
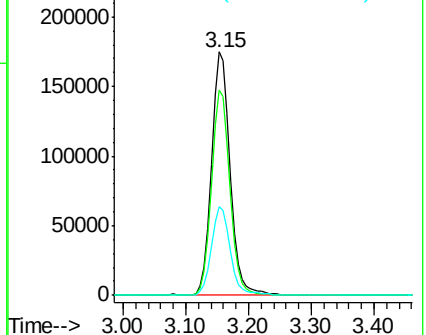
51 37.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 504.27 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001107.D

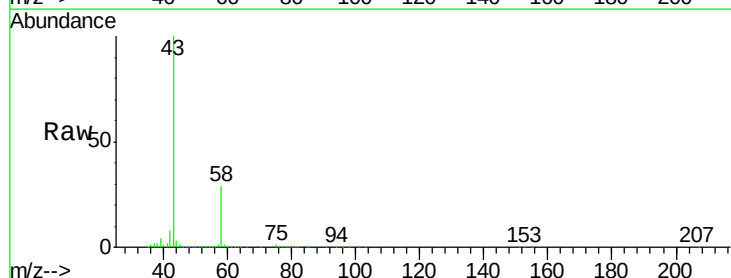
Acq: 25 Apr 2018 05:07

Tgt Ion: 43 Resp: 581228

Ion Ratio Lower Upper

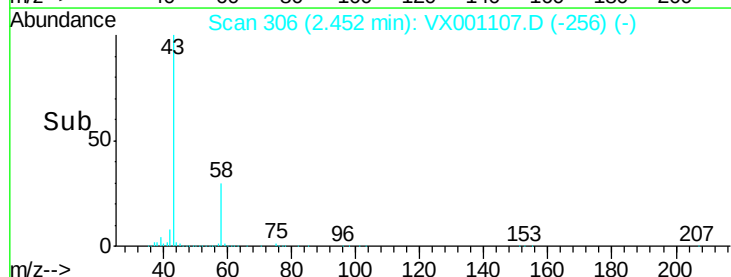
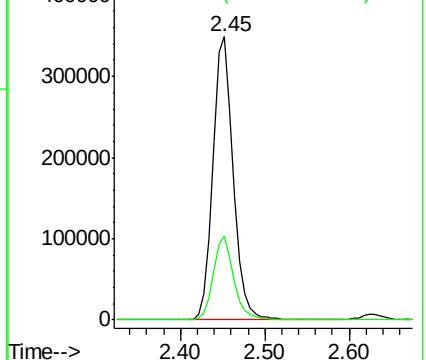
43 100

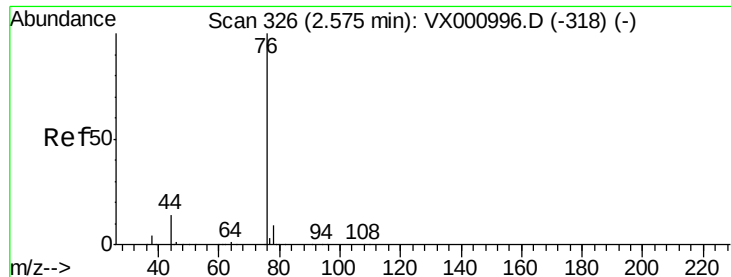
58 29.5 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.99 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

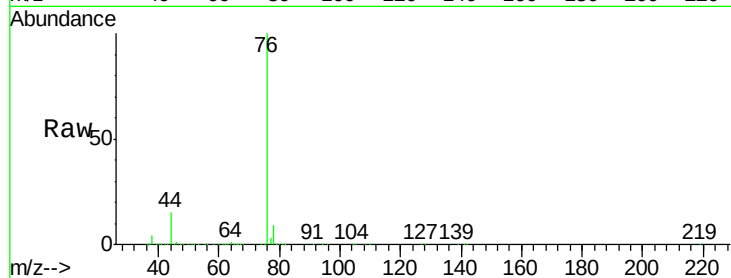
LF001MW001-180418MS

Tgt Ion: 76 Resp: 308392

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

200000

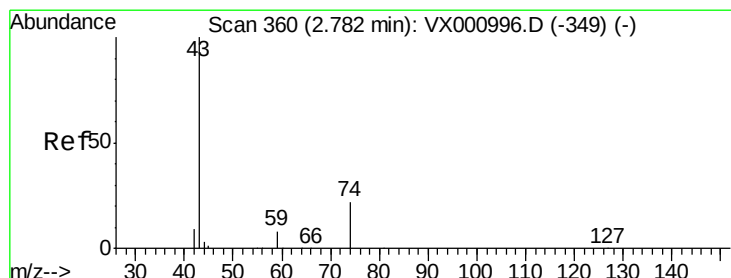
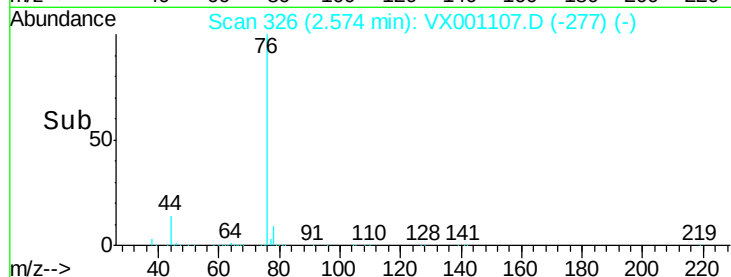
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 65.08 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001107.D

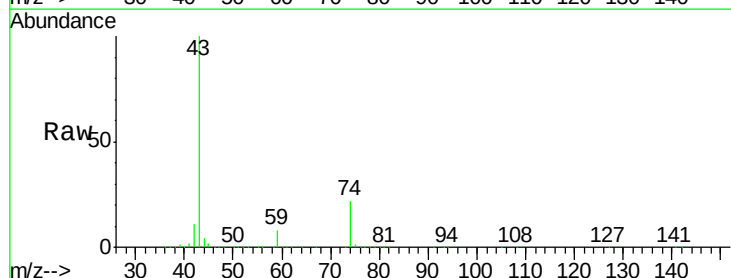
Acq: 25 Apr 2018 05:07

Tgt Ion: 43 Resp: 226968

Ion Ratio Lower Upper

43 100

74 21.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

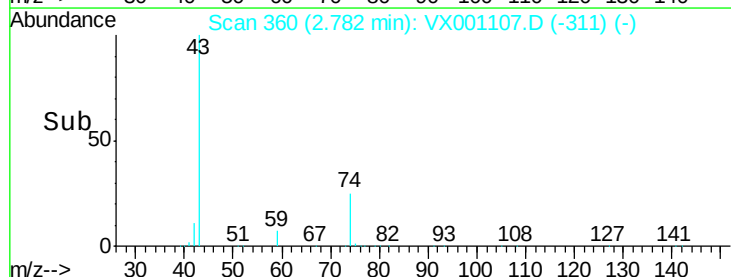
150000

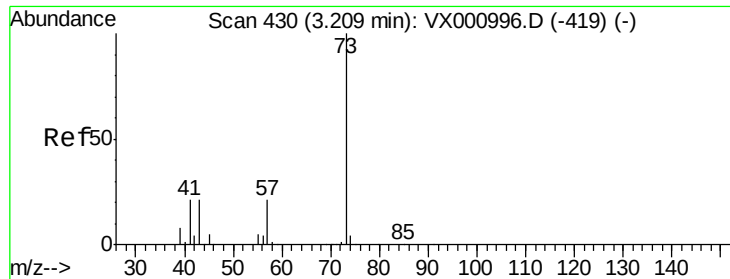
100000

50000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 55.02 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

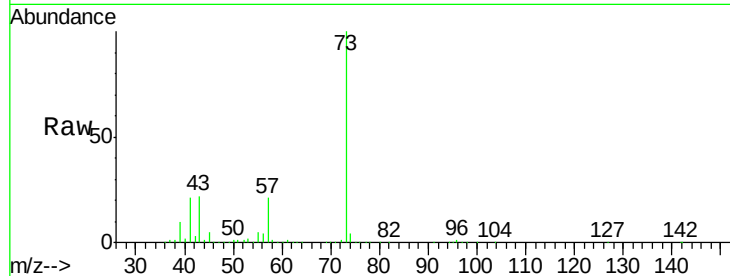
LF001MW001-180418MS

Tgt Ion: 73 Resp: 435197

Ion Ratio Lower Upper

73 100

57 21.3 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

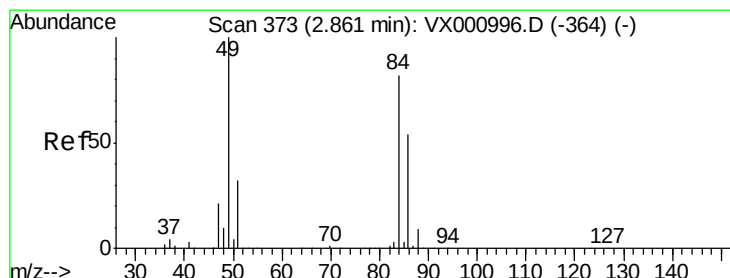
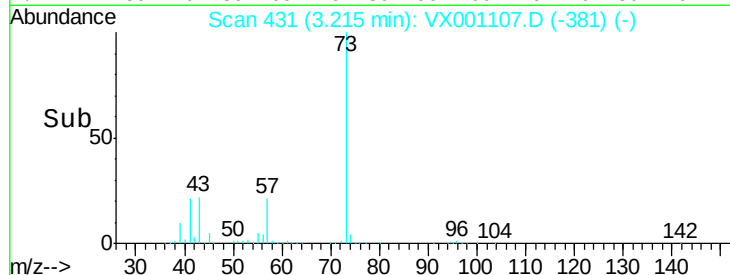
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 58.13 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion: 84 Resp: 140615

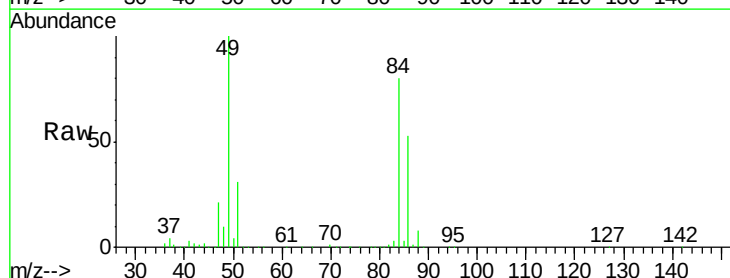
Ion Ratio Lower Upper

84 100

49 125.4 97.1 145.7

51 39.3 30.8 46.2

86 65.9 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

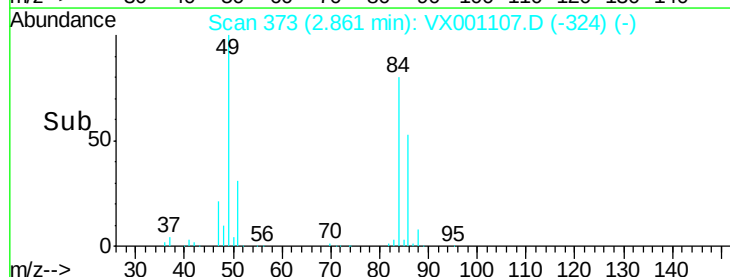
2.86

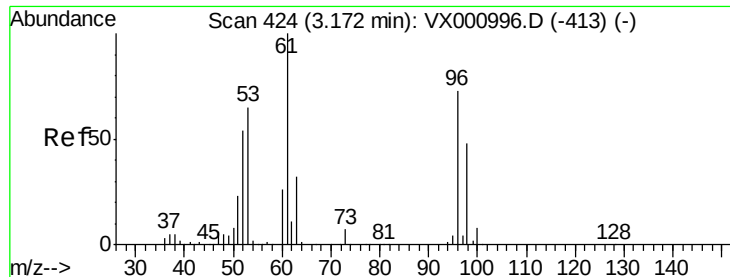
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 55.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

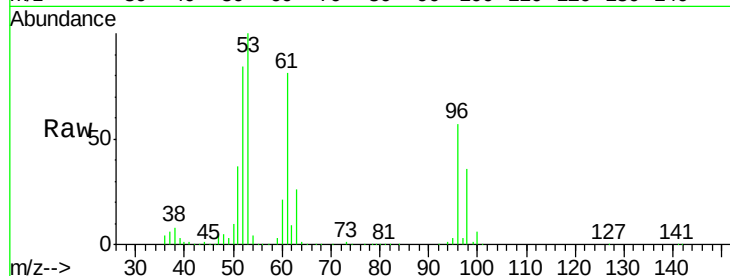
Tgt Ion: 96 Resp: 145669

Ion Ratio Lower Upper

96 100

61 140.6 109.4 164.2

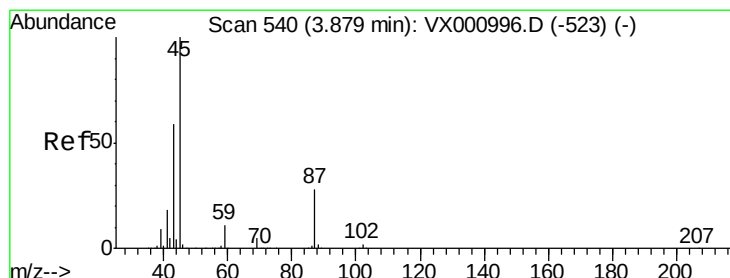
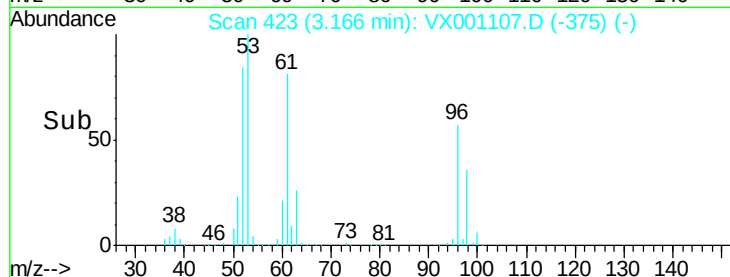
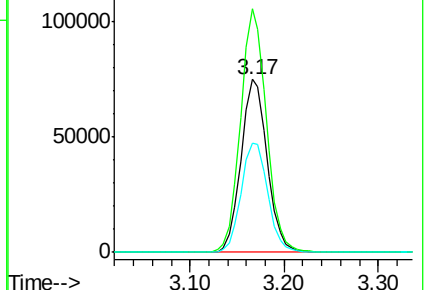
98 63.4 52.6 78.8



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



#22

Diisopropyl ether

Concen: 54.66 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion: 45 Resp: 450544

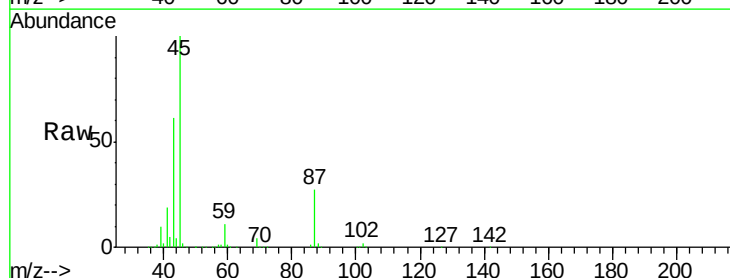
Ion Ratio Lower Upper

45 100

43 60.5 47.0 70.4

87 27.4 22.5 33.7

59 11.0 8.8 13.2

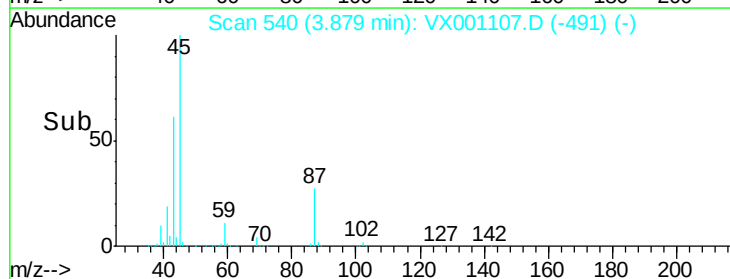
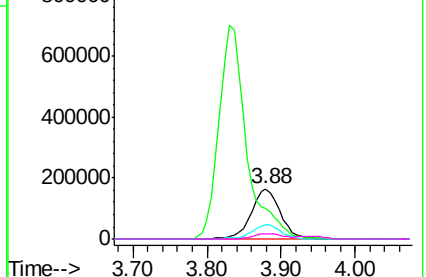


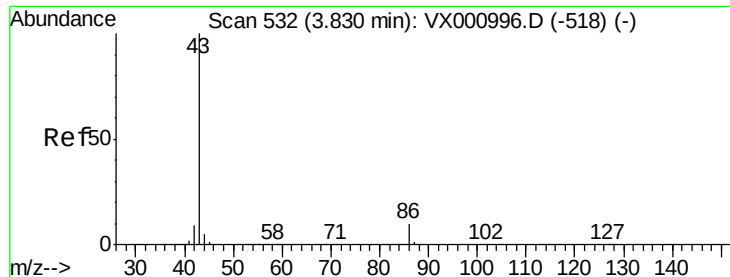
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.28 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

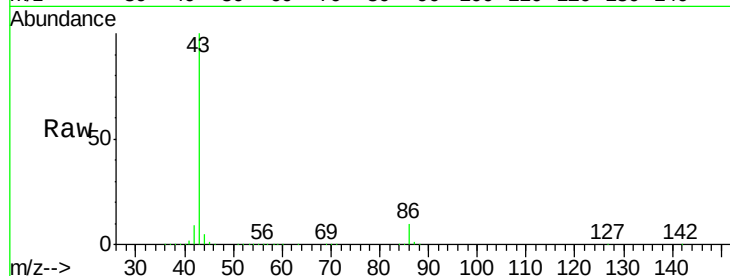
LF001MW001-180418MS

Tgt Ion: 43 Resp: 1823777

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

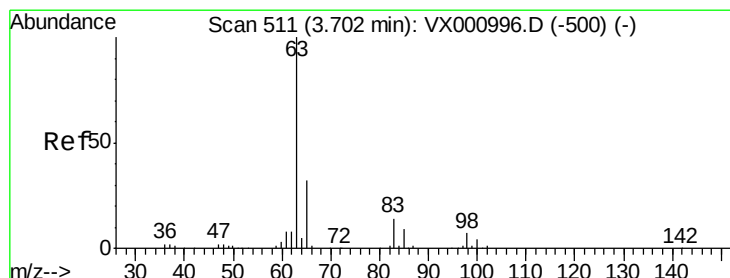
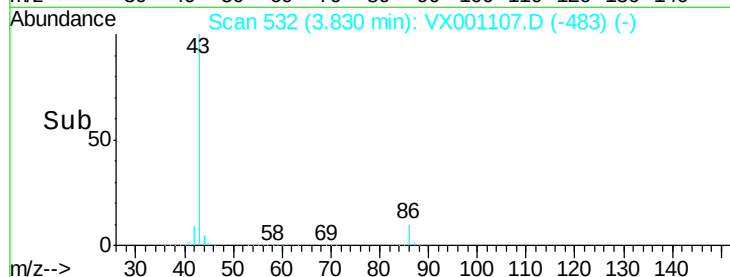
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 51.50 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

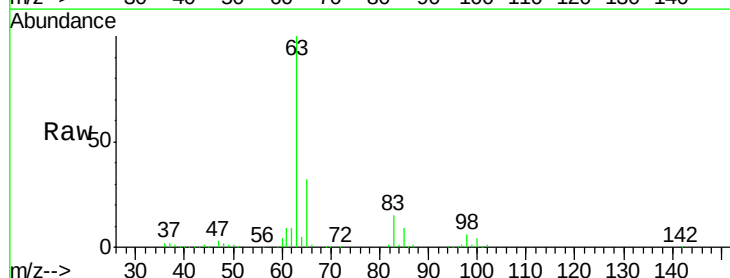
Tgt Ion: 63 Resp: 238078

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 4.4 2.1 6.3



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

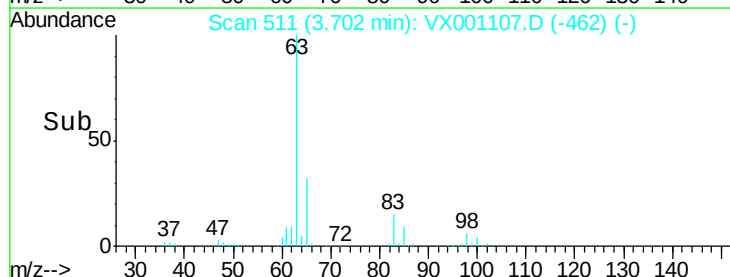
3.70

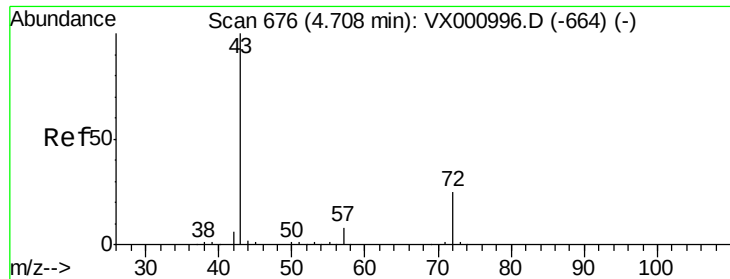
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 409.23 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

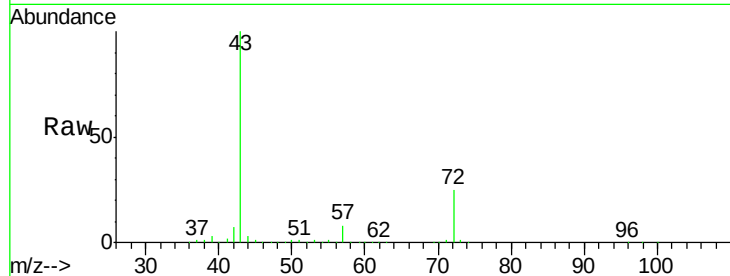
LF001MW001-180418MS

Tgt Ion: 43 Resp: 736322

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

250000

200000

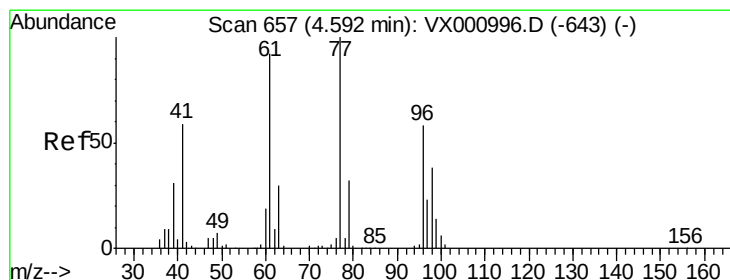
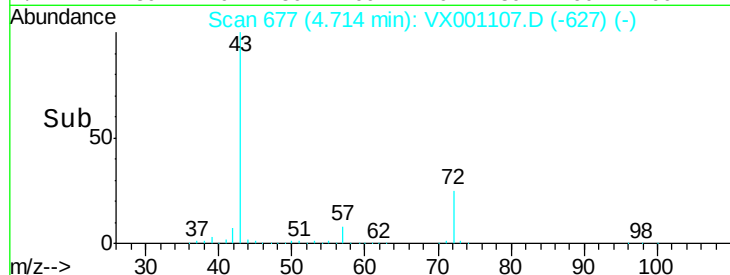
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 20.32 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001107.D

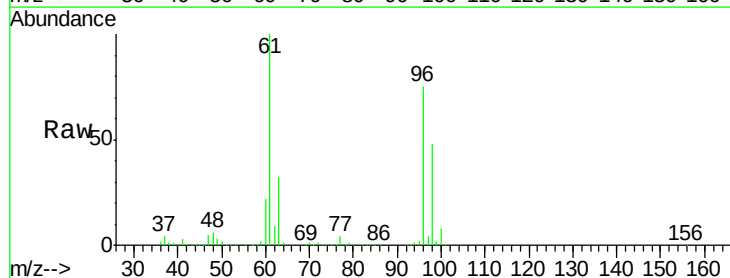
Acq: 25 Apr 2018 05:07

Tgt Ion: 77 Resp: 80808

Ion Ratio Lower Upper

77 100

97 108.7 11.5 34.4#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

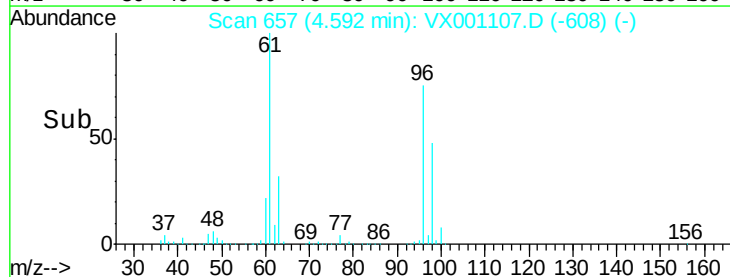
30000

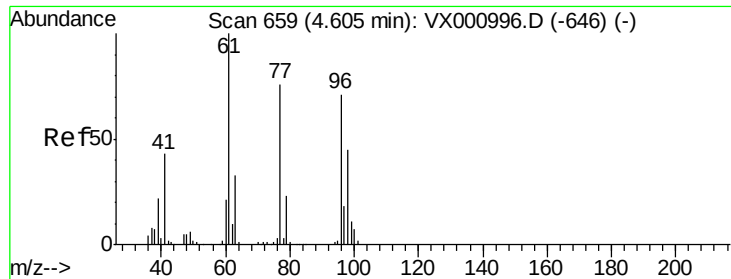
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 645.45 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

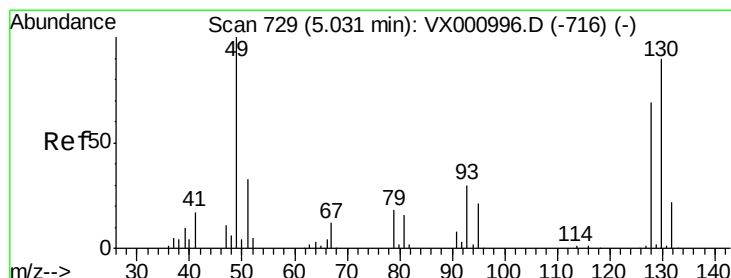
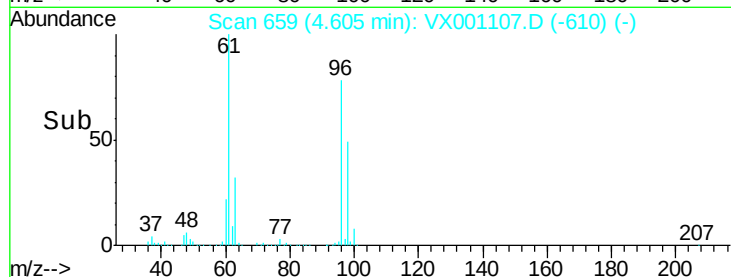
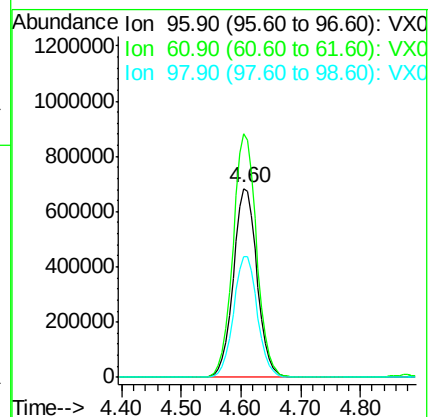
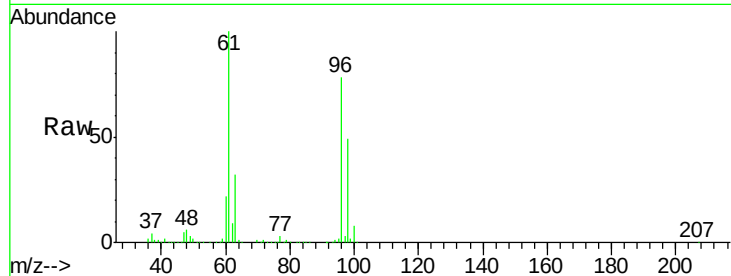
Tgt Ion: 96 Resp: 1883081

Ion Ratio Lower Upper

96 100

61 128.9 0.0 297.0

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 55.80 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

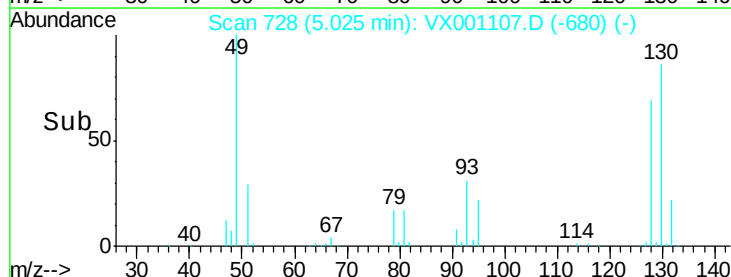
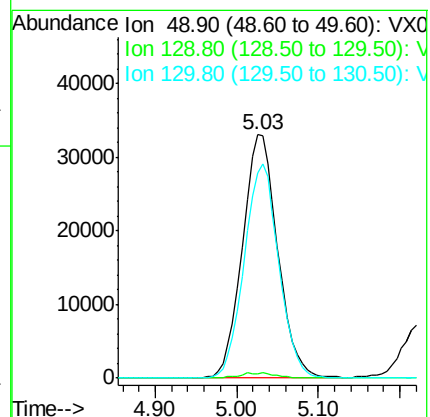
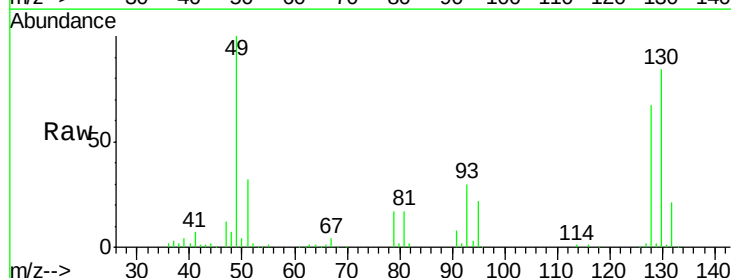
Tgt Ion: 49 Resp: 99200

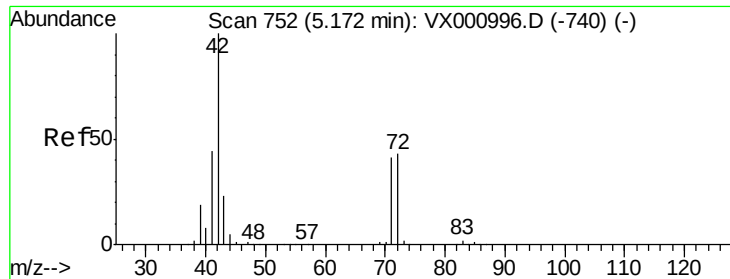
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

130 86.4 70.6 105.8

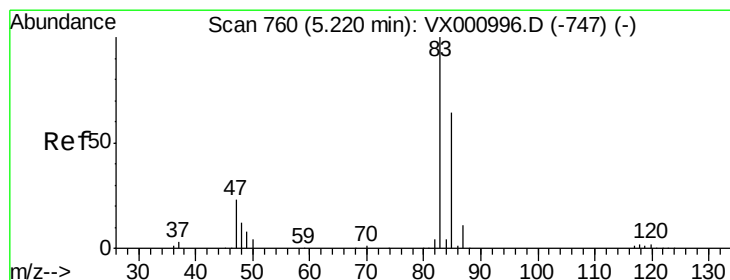
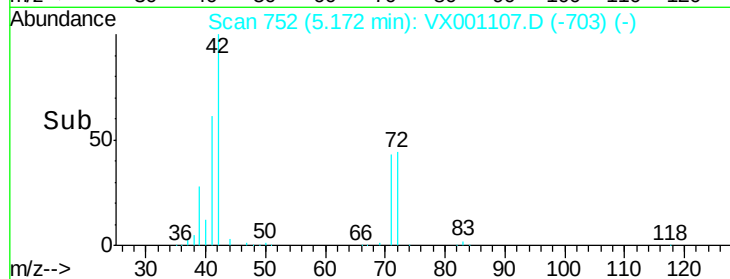
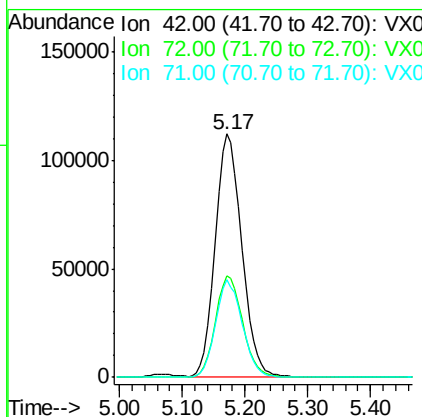
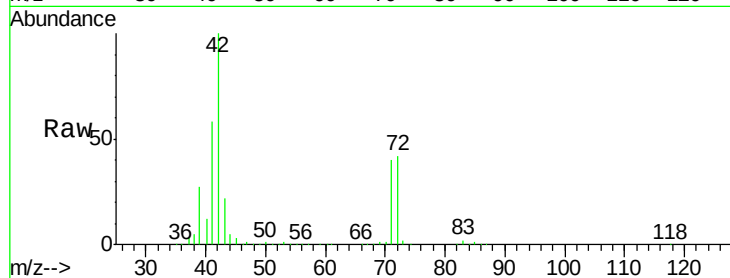




#29
Tetrahydrofuran
Concen: 288.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

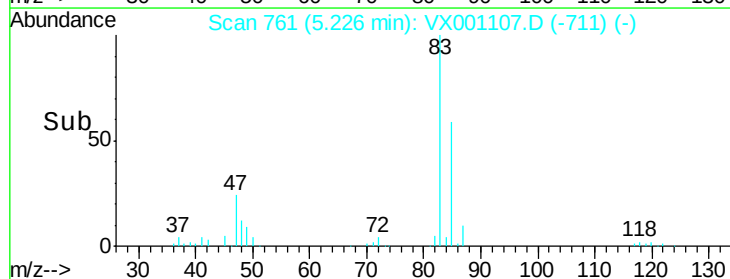
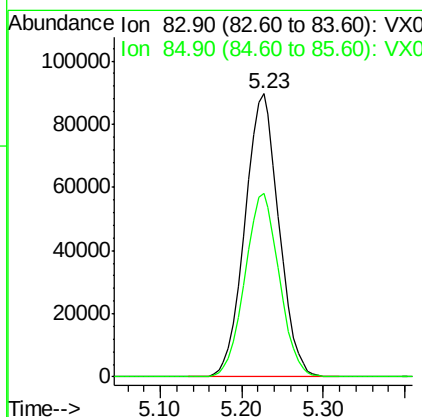
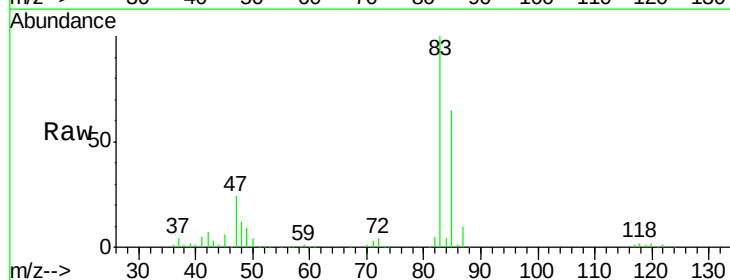
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

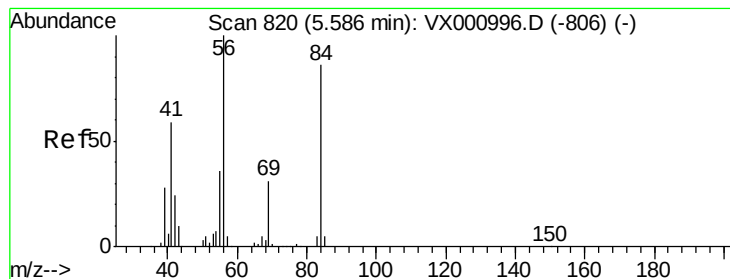
Tgt Ion: 42 Resp: 328323
Ion Ratio Lower Upper
42 100
72 42.9 34.6 52.0
71 40.4 32.6 49.0



#30
Chloroform
Concen: 54.34 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 83 Resp: 260196
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9





#31

Cyclohexane

Concen: 50.67 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

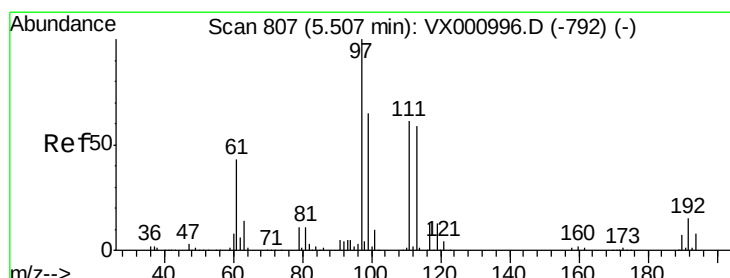
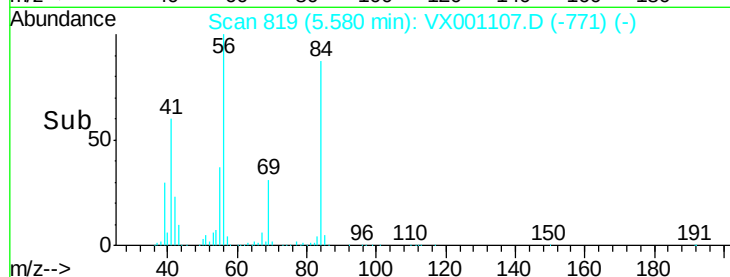
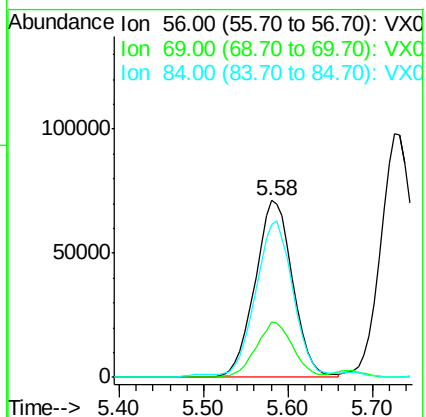
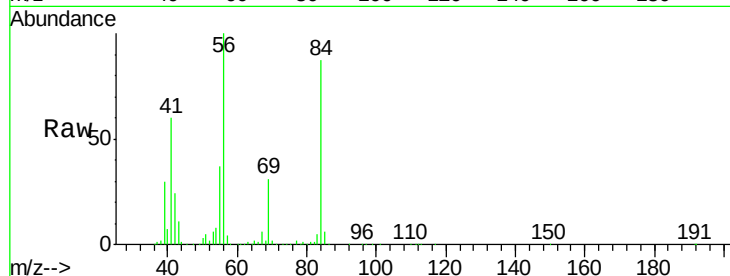
Tgt Ion: 56 Resp: 218673

Ion Ratio Lower Upper

56 100

69 31.1 24.6 36.8

84 85.6 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 53.78 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

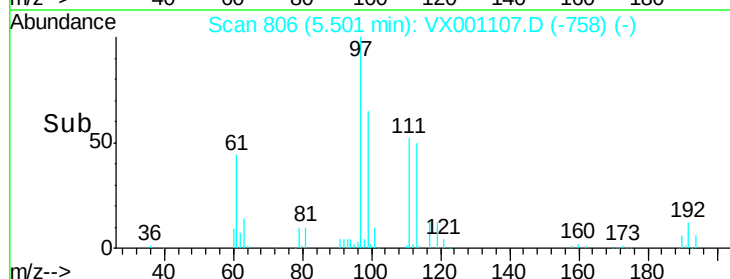
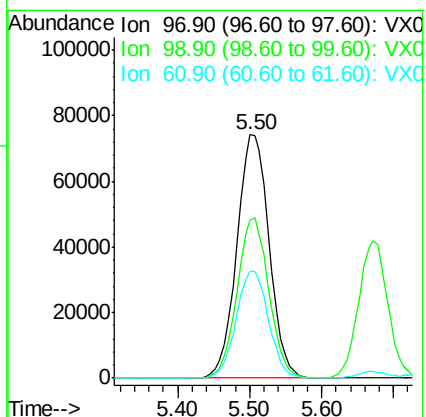
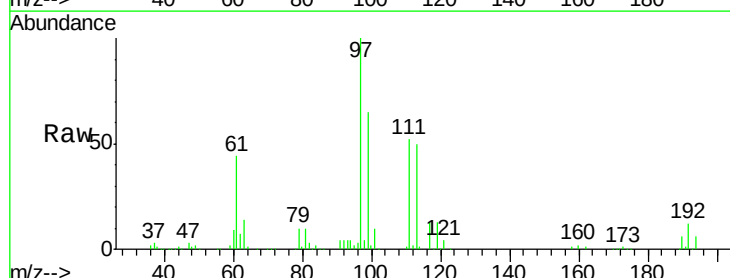
Tgt Ion: 97 Resp: 230857

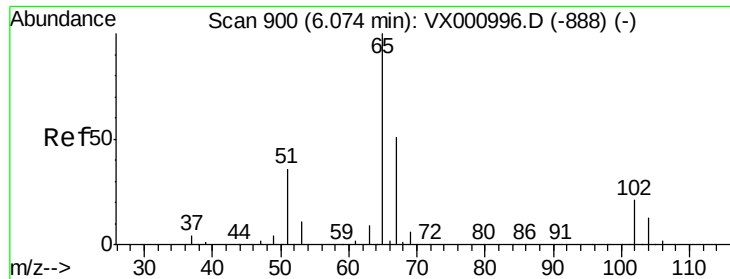
Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 44.4 34.4 51.6

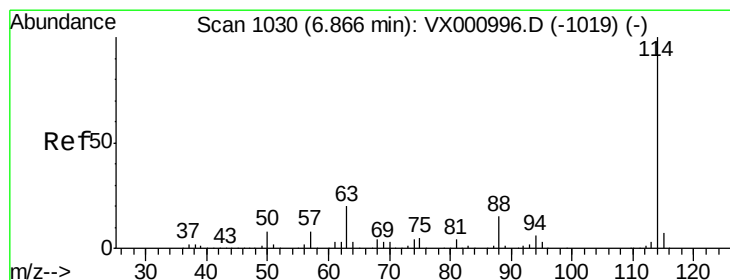
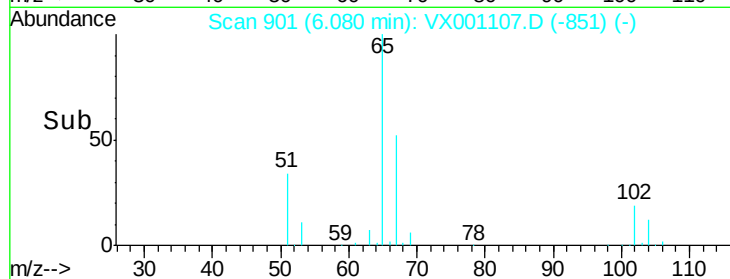
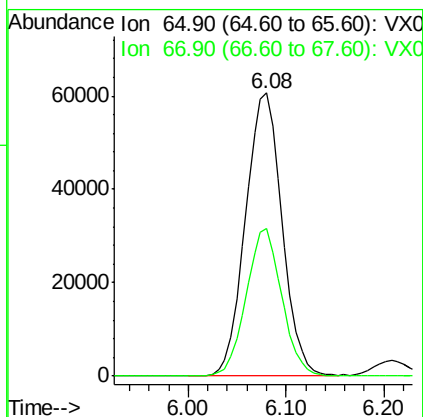
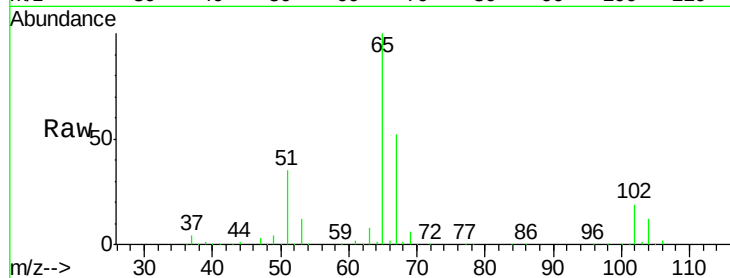




#33
 1,2-Dichloroethane-d4
 Concen: 51.68 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

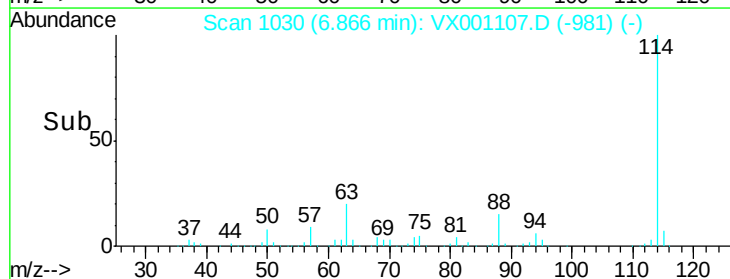
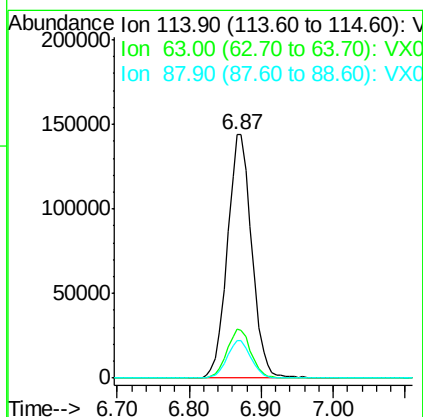
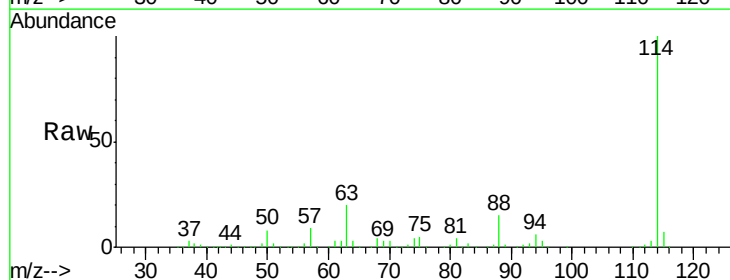
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

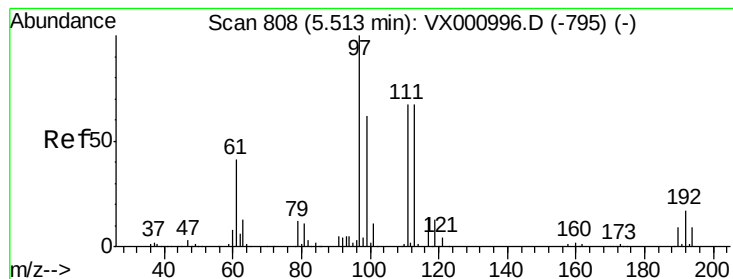
Tgt Ion: 65 Resp: 158193
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 114 Resp: 338943
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.2 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.33 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

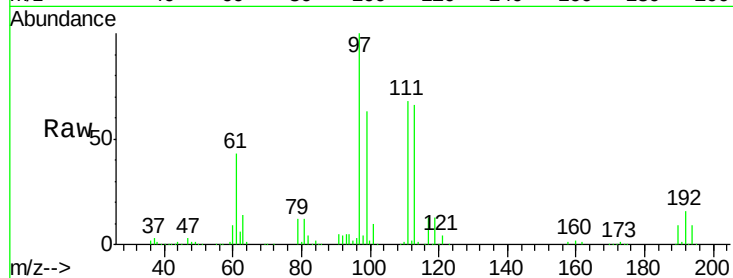
Tgt Ion:113 Resp: 130088

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

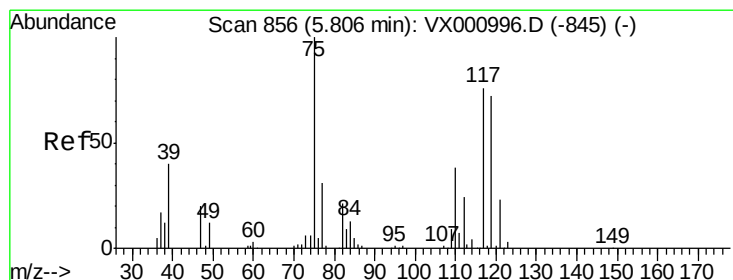
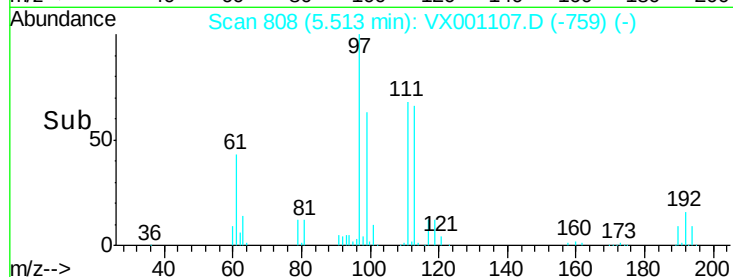
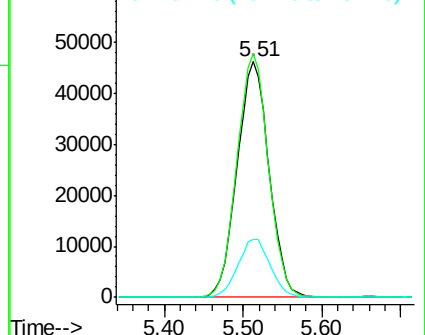
192 25.1 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.51 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

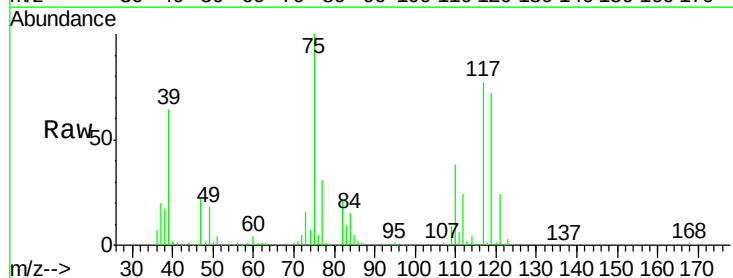
Tgt Ion: 75 Resp: 189227

Ion Ratio Lower Upper

75 100

110 37.6 18.7 56.1

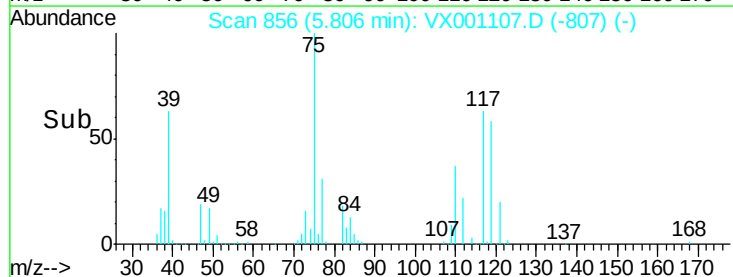
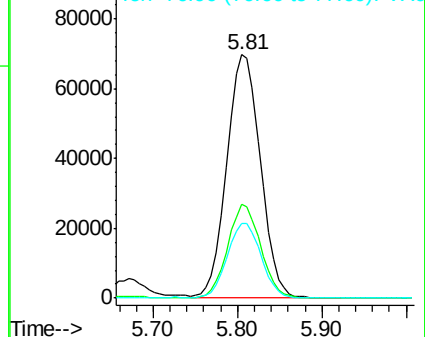
77 30.9 25.0 37.4

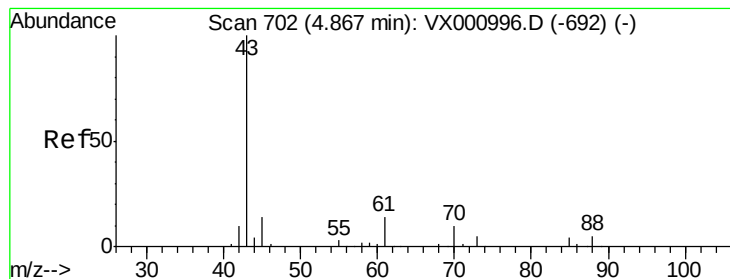


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.31 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

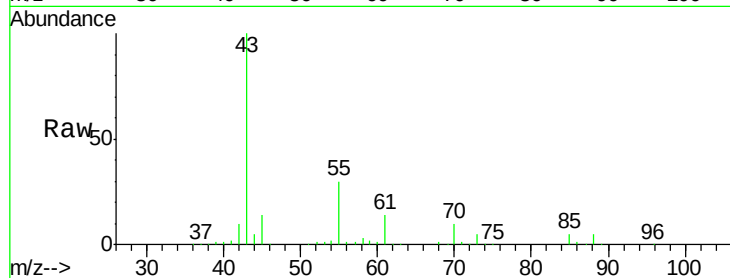
Tgt Ion: 43 Resp: 198438

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

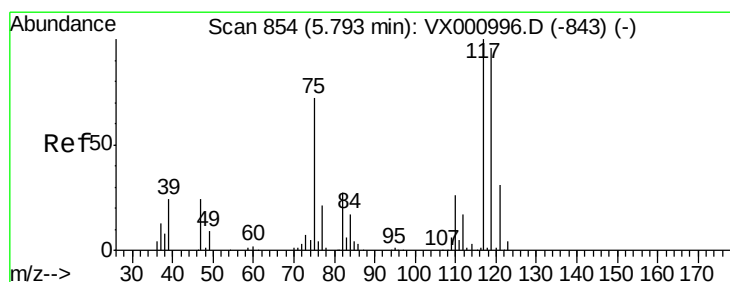
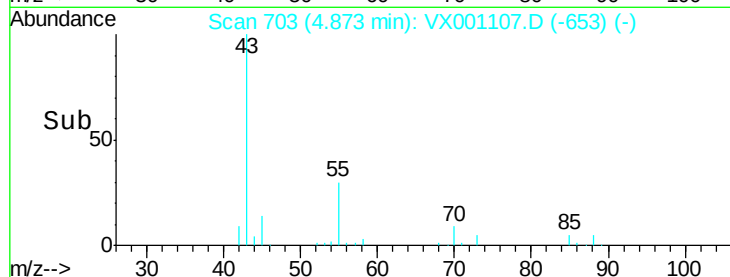
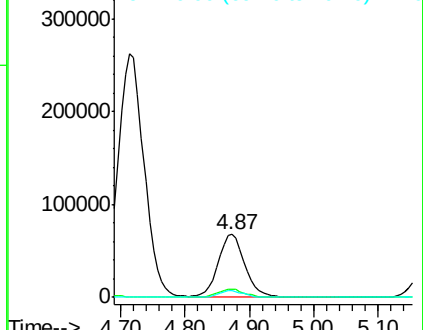
70 10.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.79 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

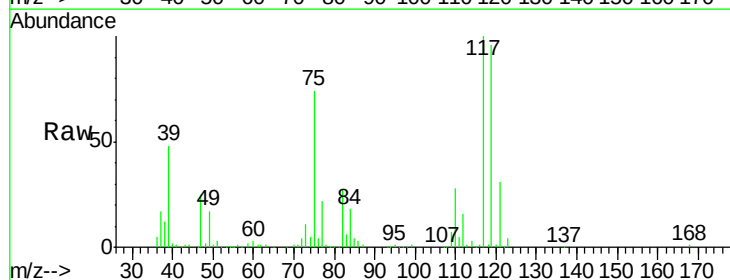
Tgt Ion: 117 Resp: 204824

Ion Ratio Lower Upper

117 100

119 96.2 76.5 114.7

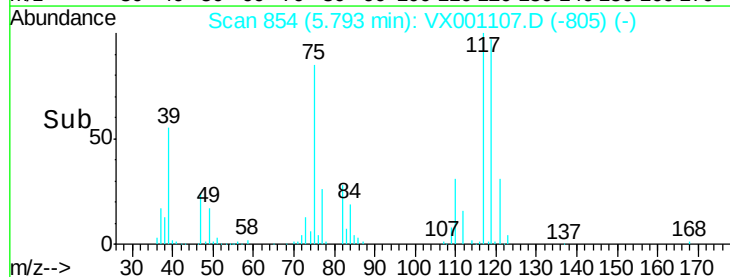
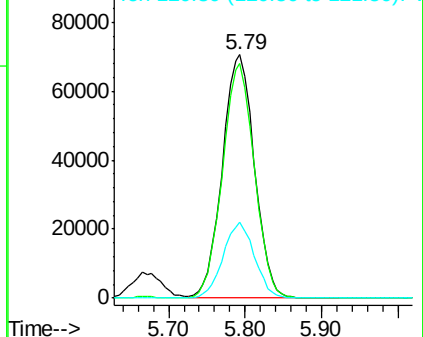
121 31.2 24.5 36.7

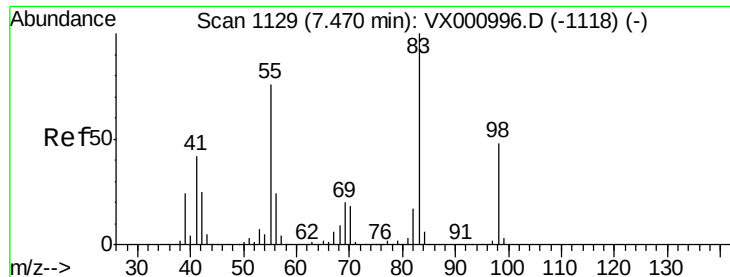


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

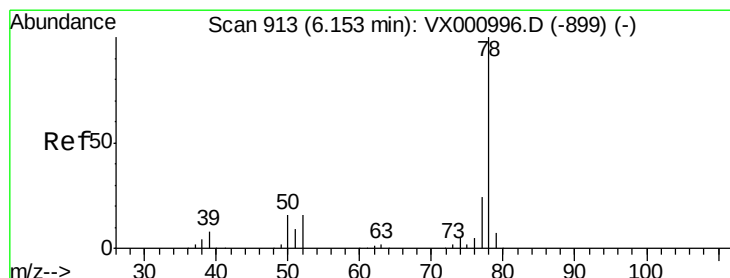
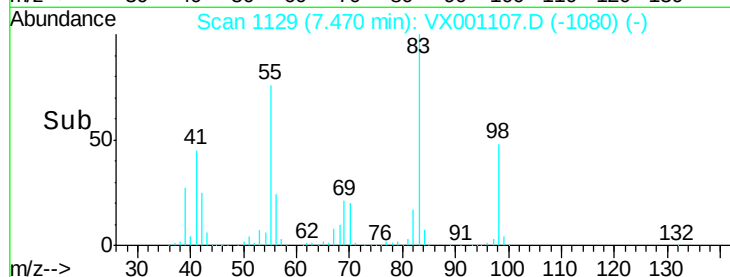
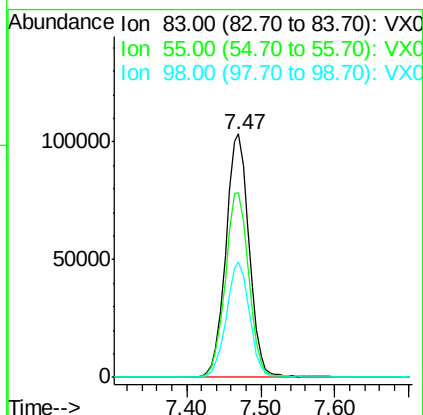
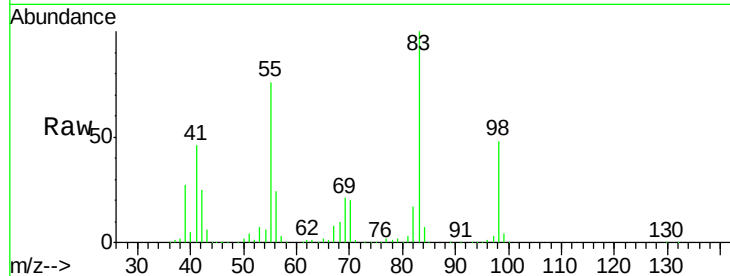




#39
Methylcyclohexane
Concen: 48.69 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

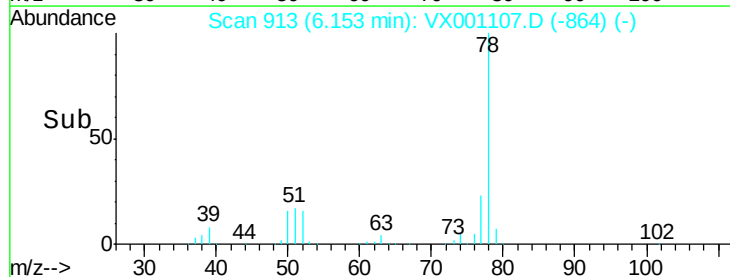
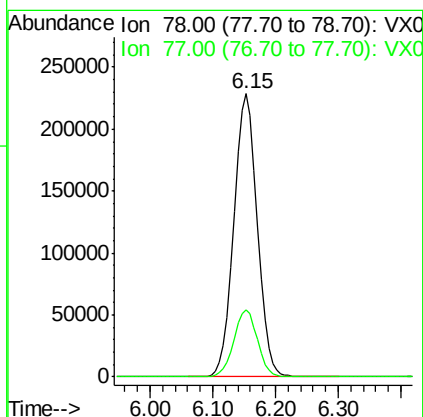
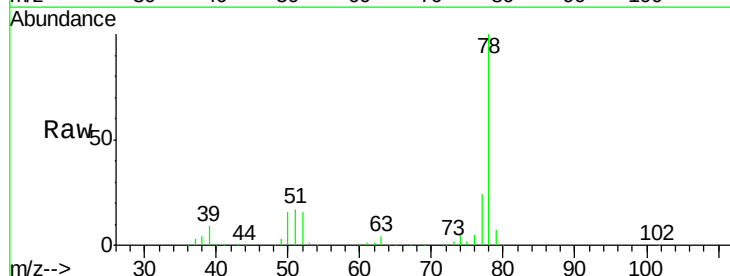
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

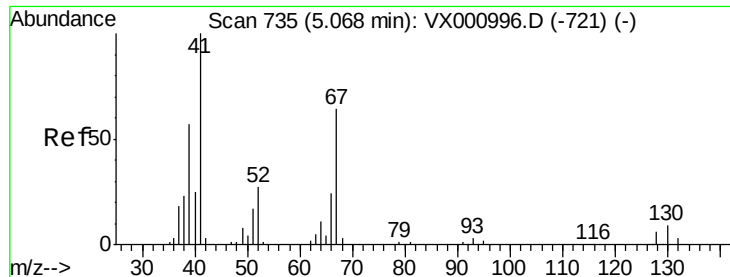
Tgt Ion: 83 Resp: 225750
Ion Ratio Lower Upper
83 100
55 75.7 60.6 91.0
98 47.7 38.2 57.4



#40
Benzene
Concen: 53.31 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 78 Resp: 590314
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

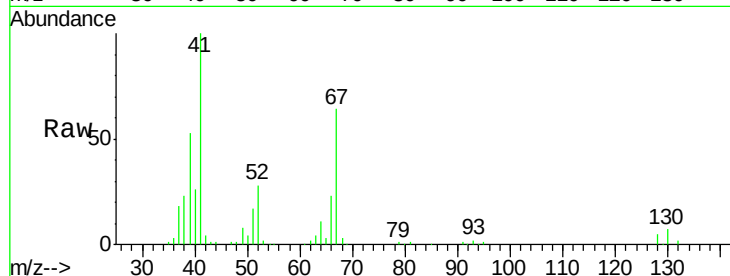




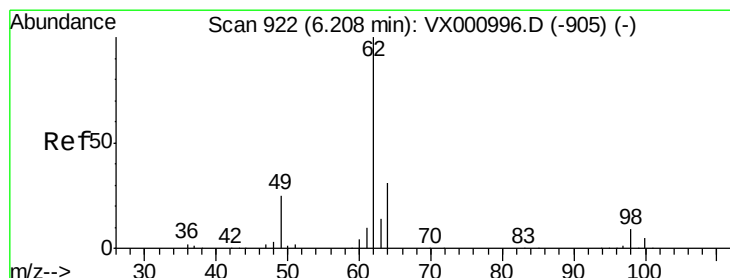
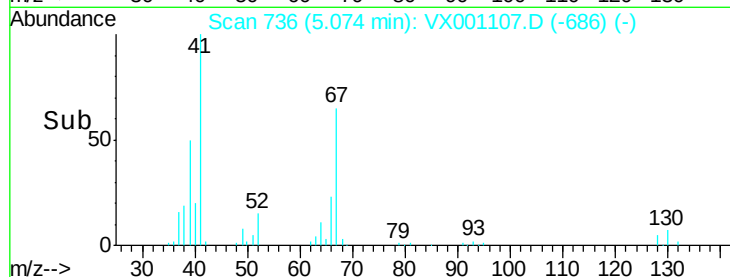
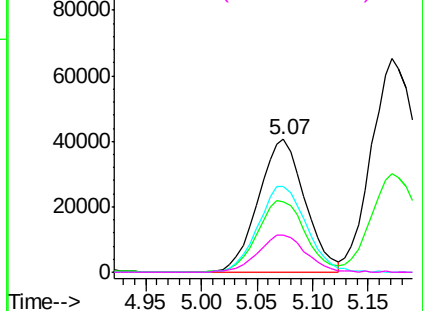
#41
Methacrylonitrile
Concen: 51.59 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tgt Ion:	41	Resp:	117707
Ion	Ratio	Lower	Upper
41	100		
39	55.4	45.2	67.8
67	67.2	53.8	80.8
52	28.4	22.4	33.6

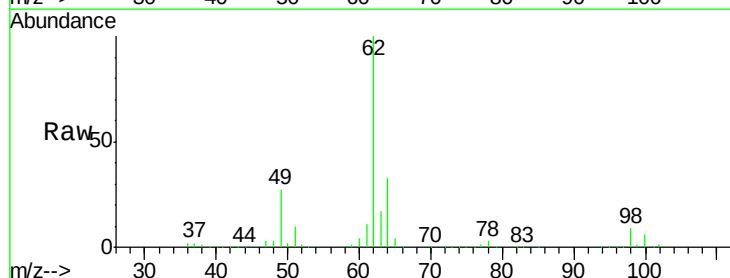


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

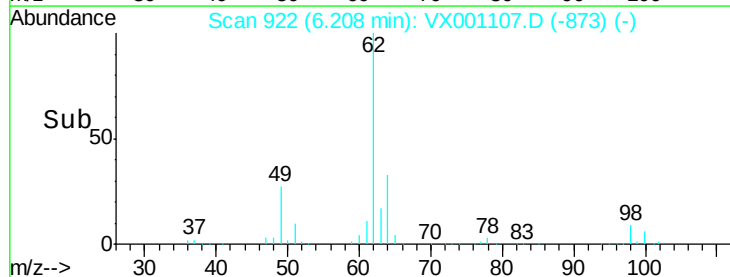
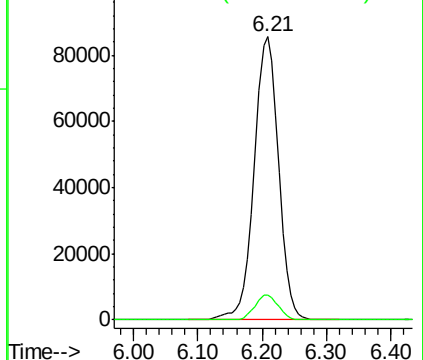


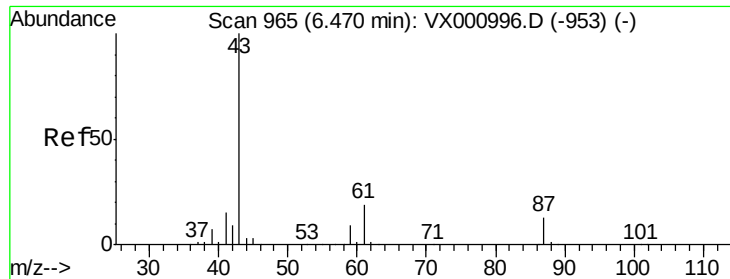
#42
1,2-Dichloroethane
Concen: 52.23 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:	62	Resp:	222017
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.41 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

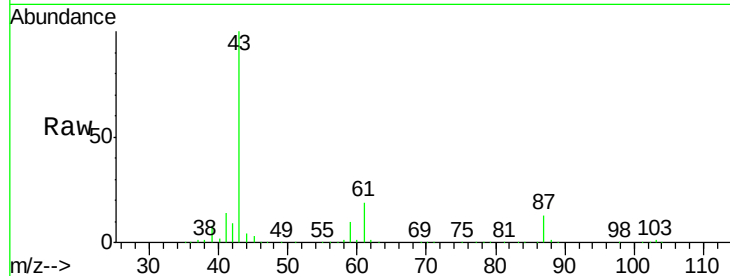
Tgt Ion: 43 Resp: 334788

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.2

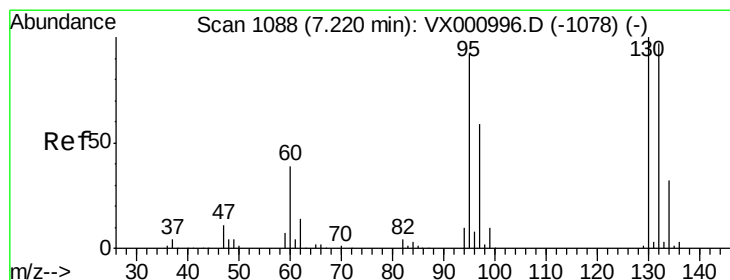
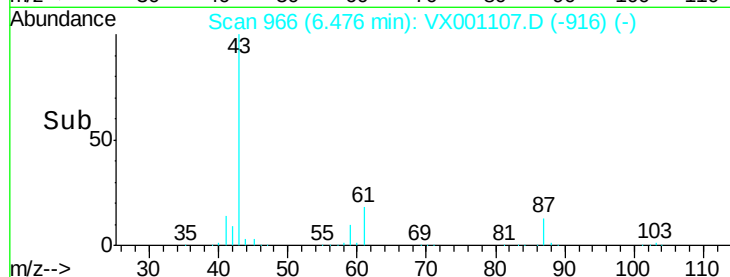
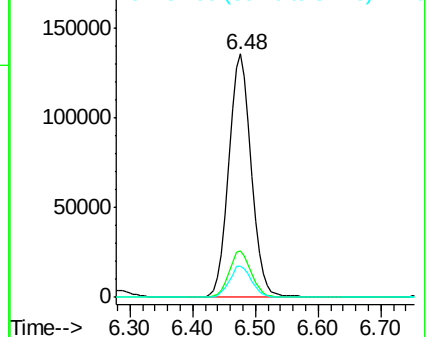
87 12.7 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.86 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001107.D

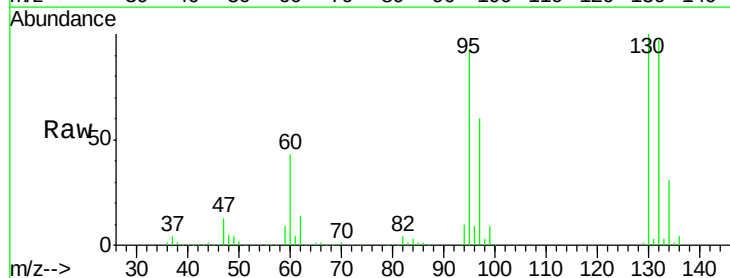
Acq: 25 Apr 2018 05:07

Tgt Ion: 130 Resp: 165297

Ion Ratio Lower Upper

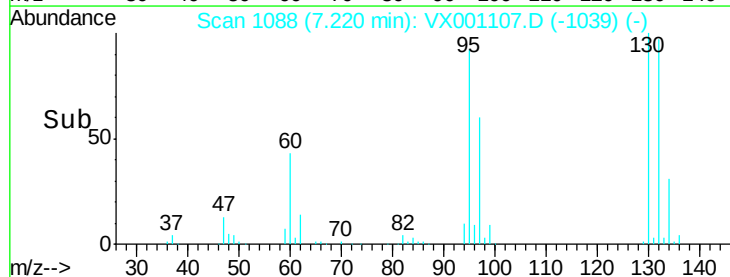
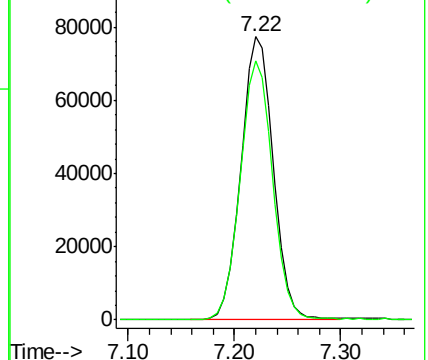
130 100

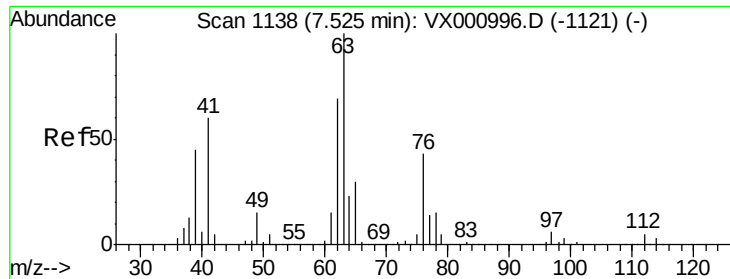
95 91.6 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

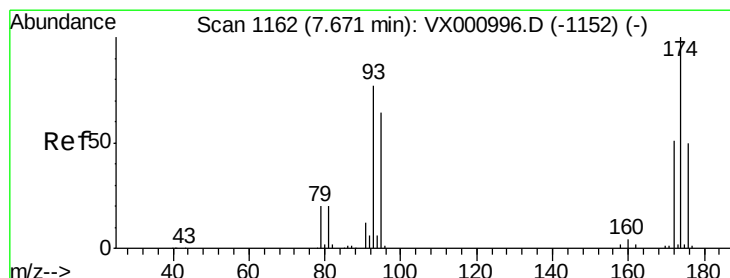
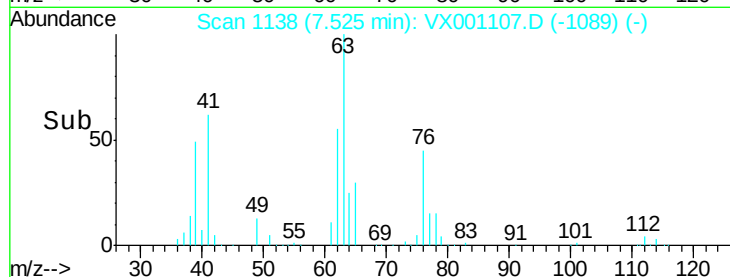
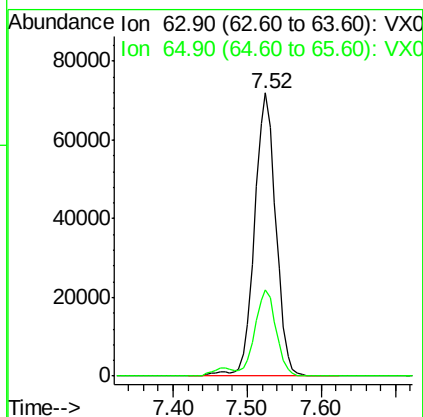
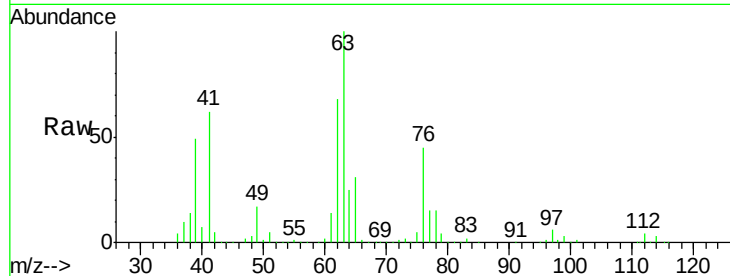




#45
 1,2-Dichloropropane
 Concen: 52.04 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

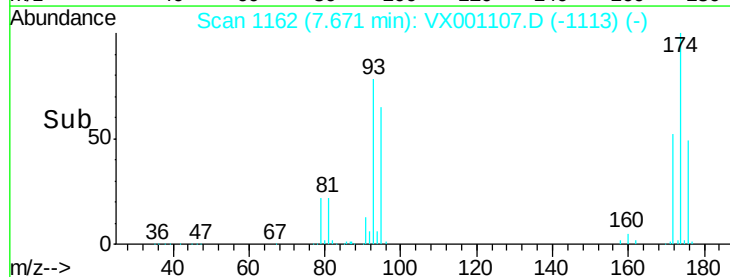
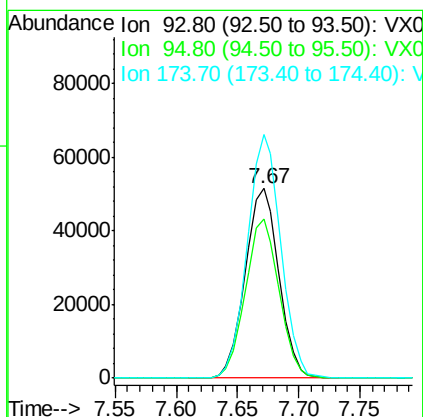
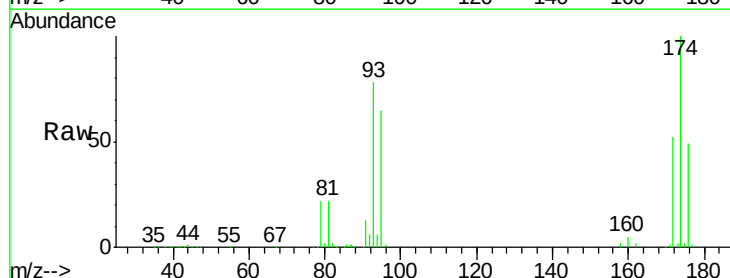
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

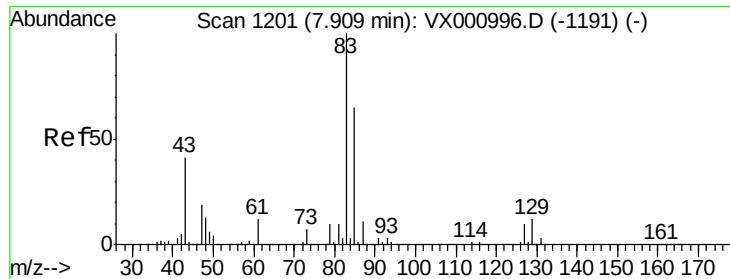
Tgt Ion: 63 Resp: 144915
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.4 36.6



#46
 Dibromomethane
 Concen: 50.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 93 Resp: 99076
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.7 100.1
 174 127.4 101.8 152.6





#47

Bromodichloromethane

Concen: 52.96 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

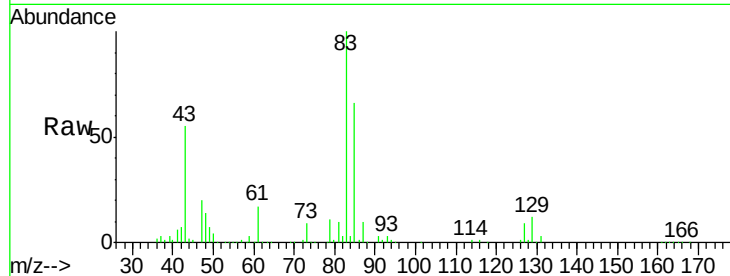
Tgt Ion: 83 Resp: 190877

Ion Ratio Lower Upper

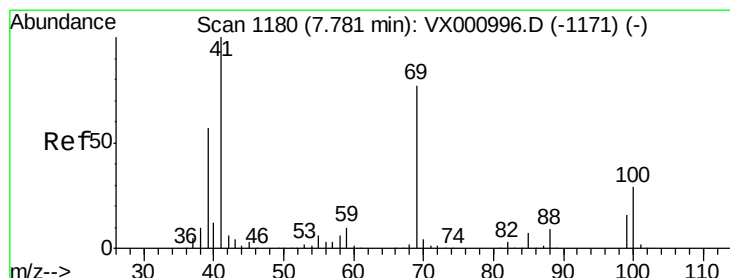
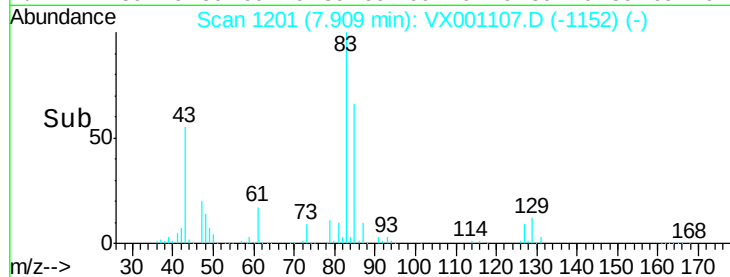
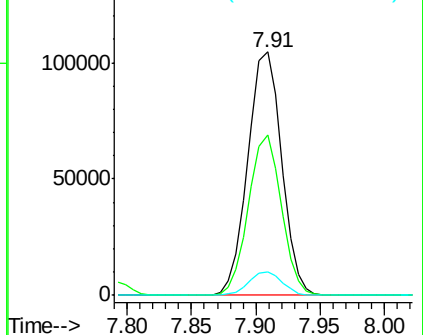
83 100

85 65.8 52.3 78.5

127 9.5 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.65 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

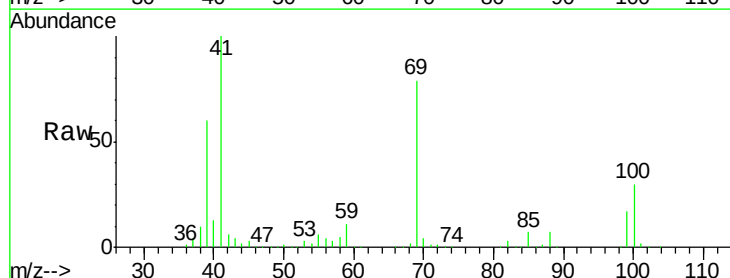
Tgt Ion: 41 Resp: 181090

Ion Ratio Lower Upper

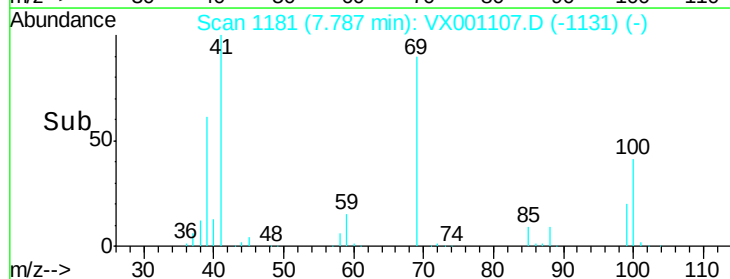
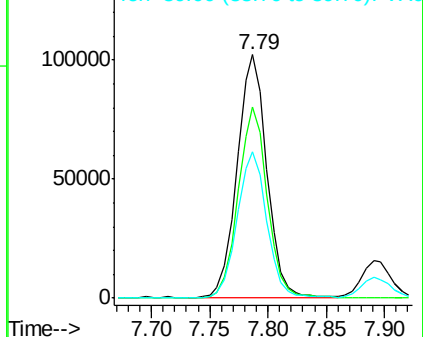
41 100

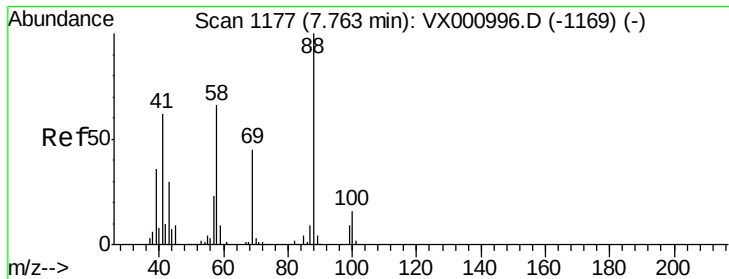
69 77.9 62.6 94.0

39 60.3 45.3 67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1176.22 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

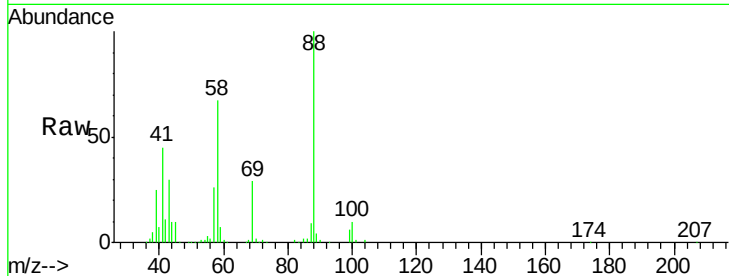
Tgt Ion: 88 Resp: 58379

Ion Ratio Lower Upper

88 100

43 35.6 29.2 43.8

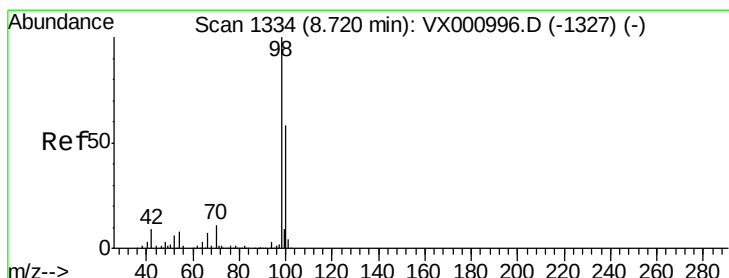
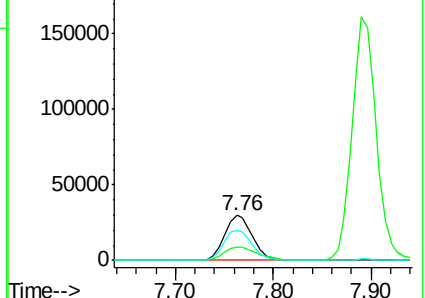
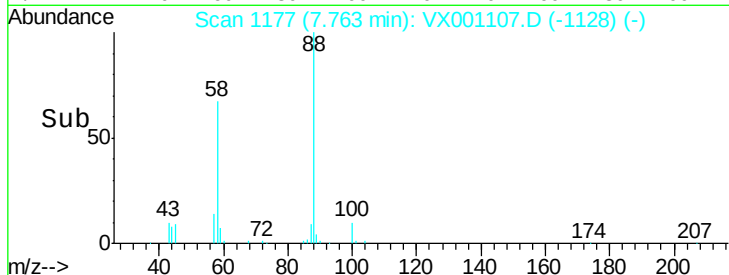
58 69.9 55.0 82.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.53 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX001107.D

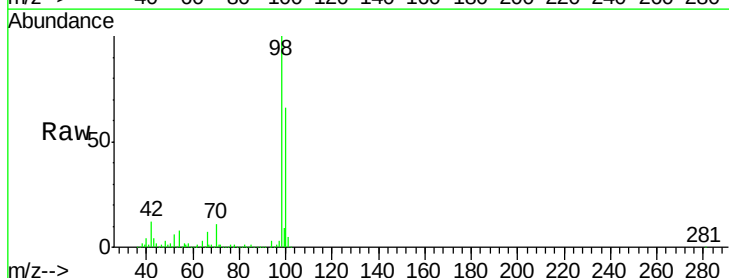
Acq: 25 Apr 2018 05:07

Tgt Ion: 98 Resp: 473316

Ion Ratio Lower Upper

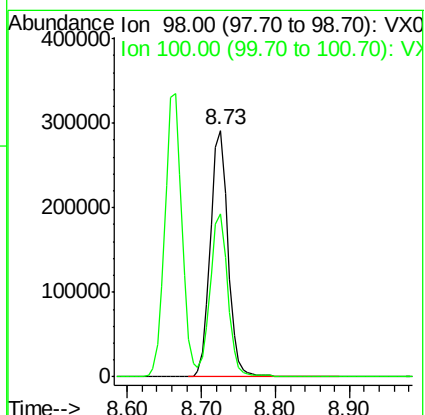
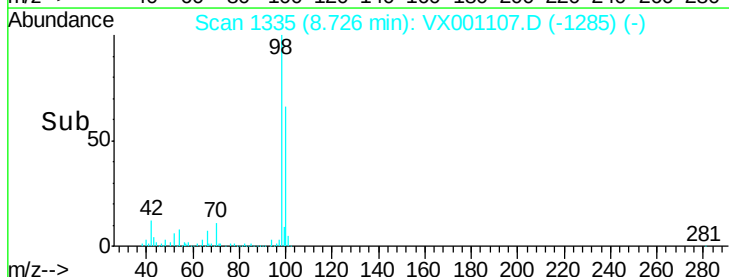
98 100

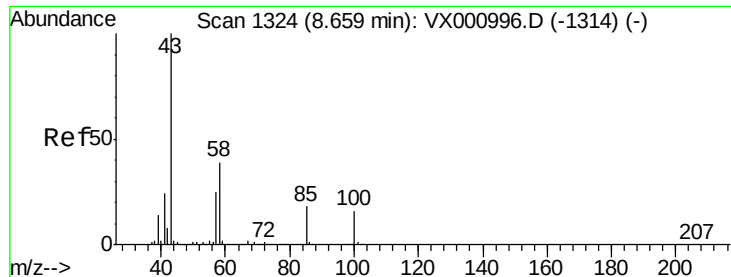
100 66.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

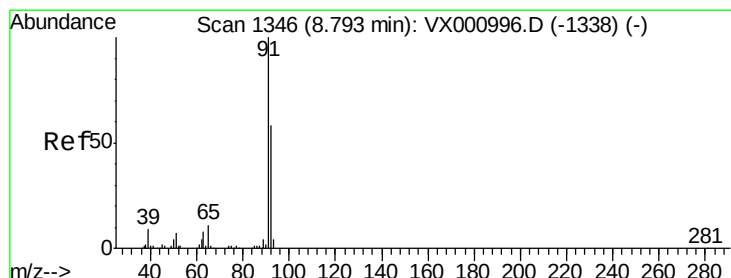
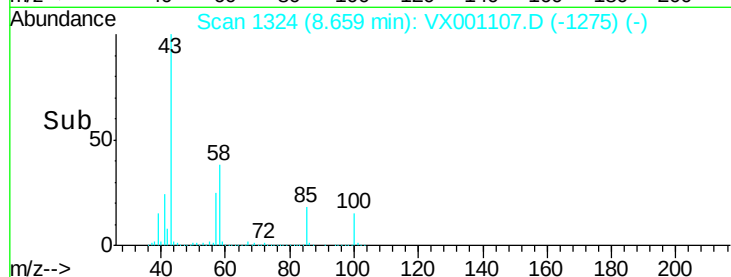
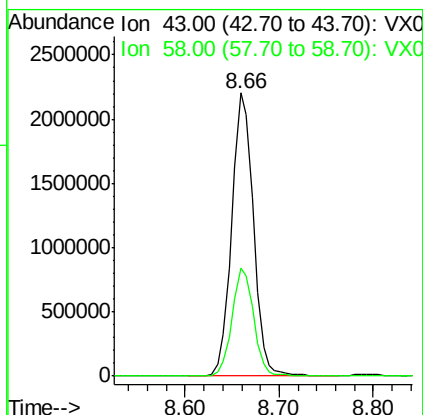
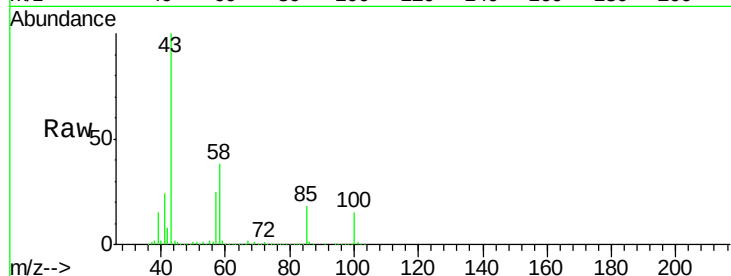




#51
 4-Methyl-2-Pentanone
 Concen: 928.05 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

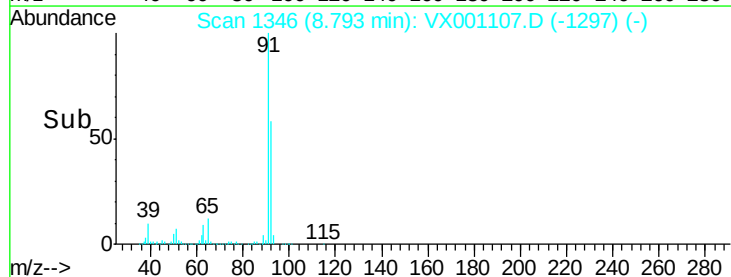
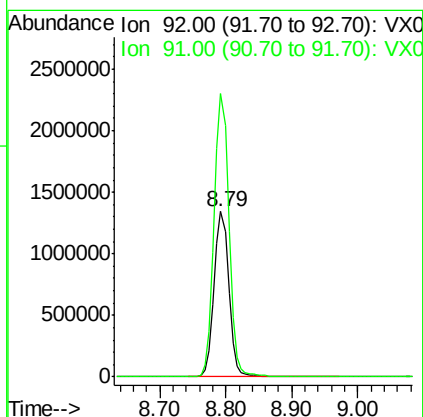
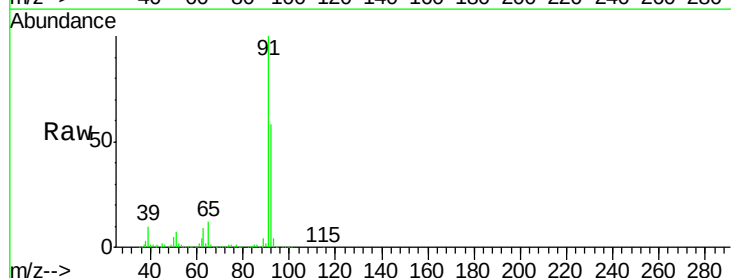
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

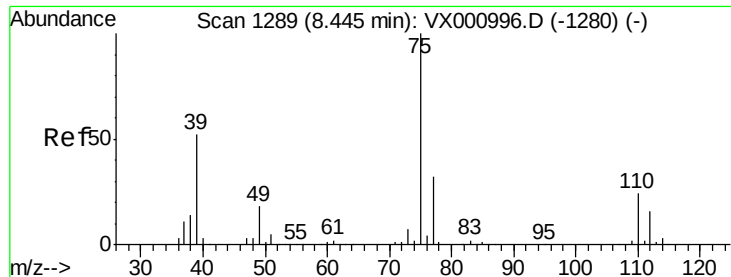
Tgt Ion: 43 Resp: 3532084
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.2 45.4



#52
 Toluene
 Concen: 286.29 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 92 Resp: 2069146
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 45.03 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

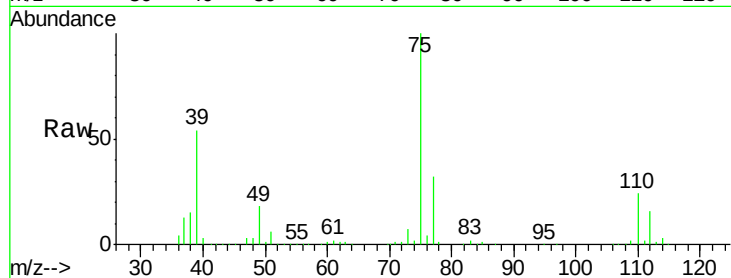
LF001MW001-180418MS

Tgt Ion: 75 Resp: 194102

Ion Ratio Lower Upper

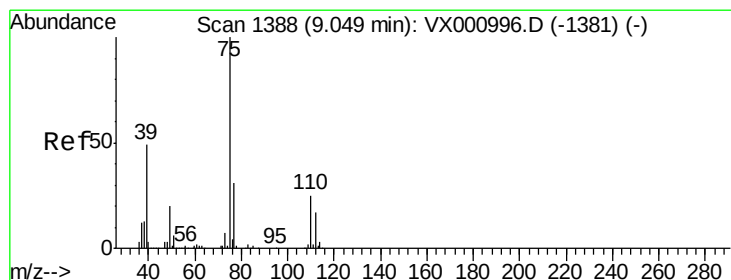
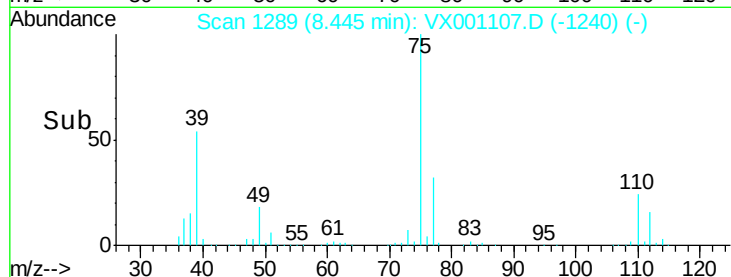
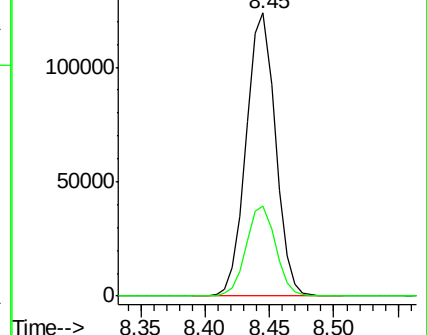
75 100

77 31.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 45.89 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

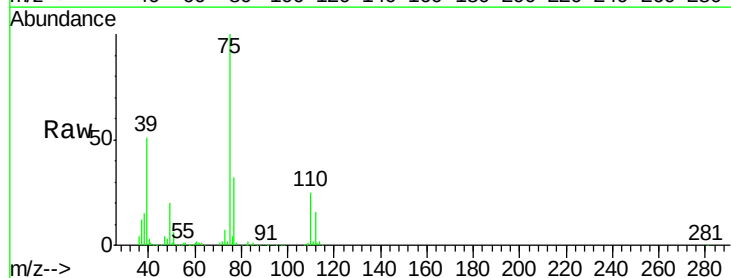
Tgt Ion: 75 Resp: 186523

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

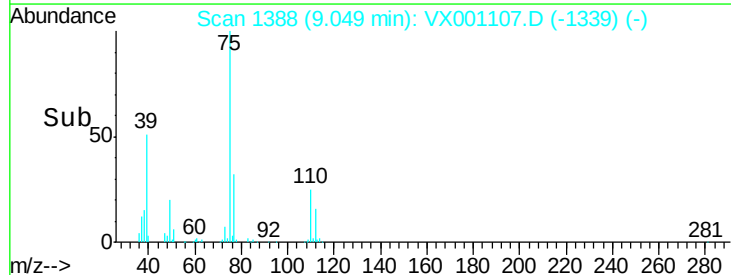
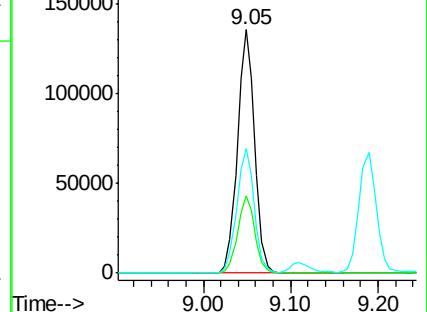
39 51.1 39.2 58.8

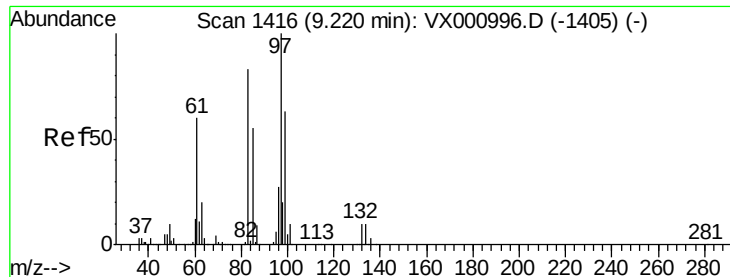


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 55.78 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

Tgt Ion: 97 Resp: 160236

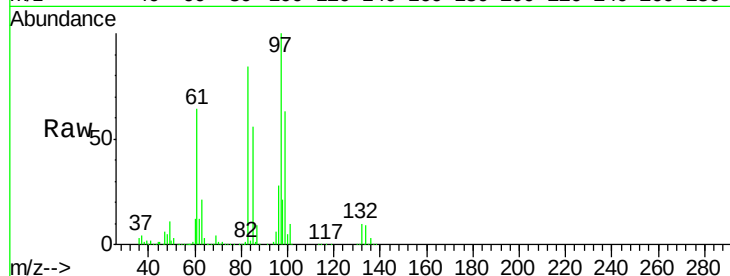
Ion Ratio Lower Upper

97 100

83 84.0 66.2 99.4

85 55.6 44.2 66.4

99 63.0 50.2 75.4

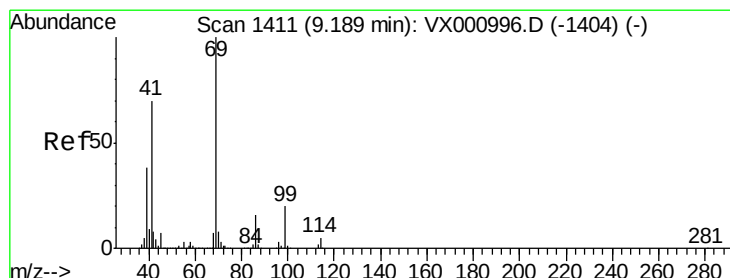
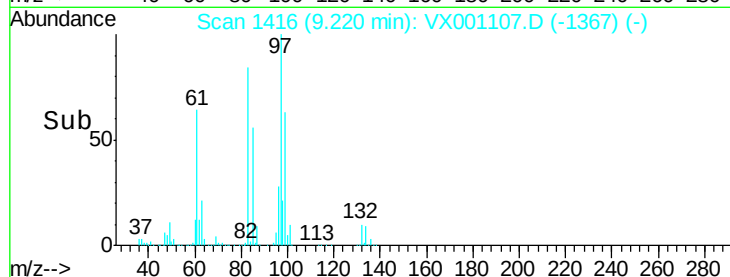
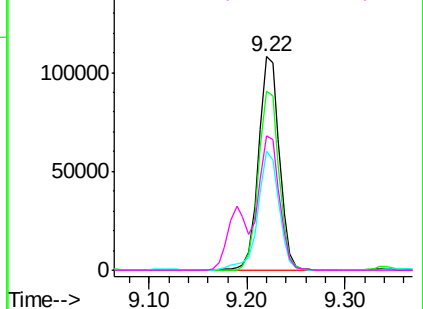


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 54.22 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

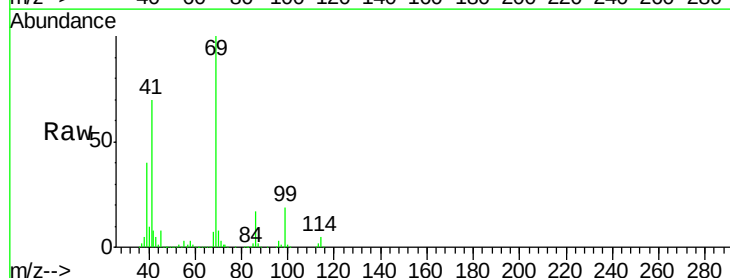
Tgt Ion: 69 Resp: 228771

Ion Ratio Lower Upper

69 100

41 71.1 56.3 84.5

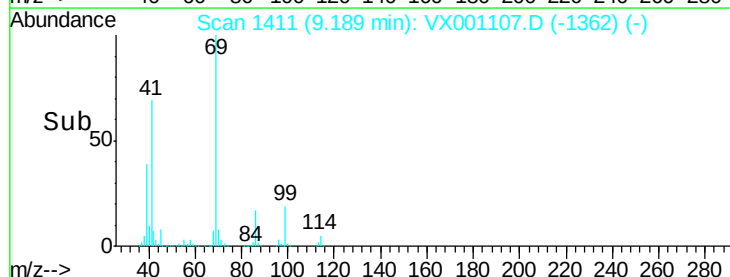
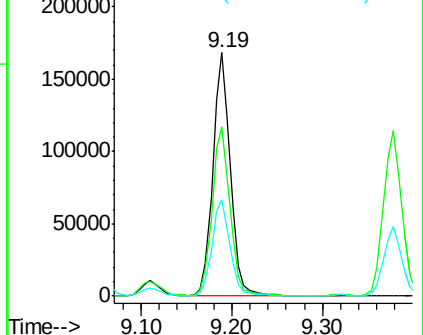
39 40.7 30.4 45.6

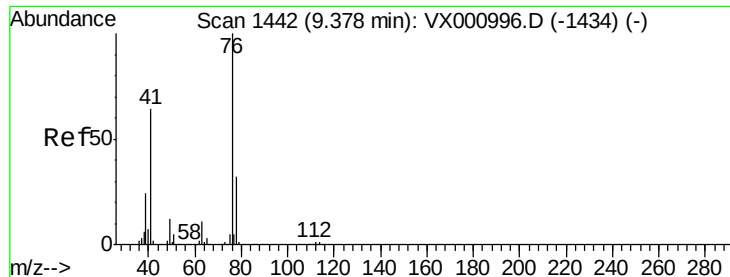


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

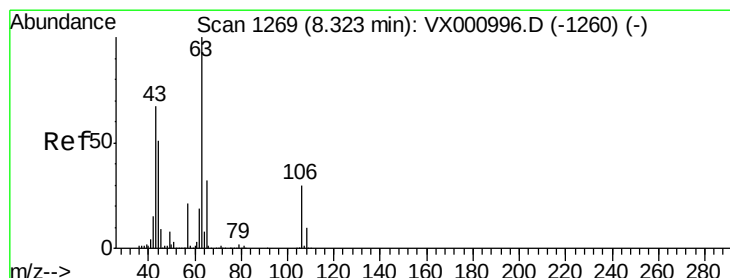
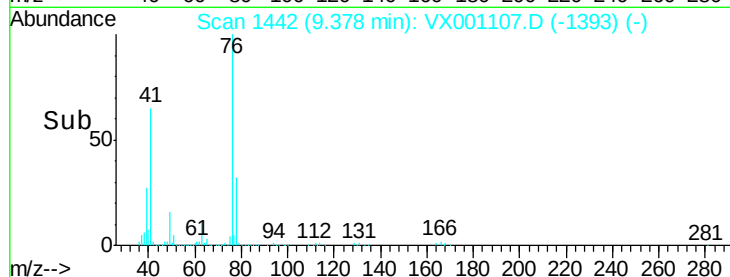
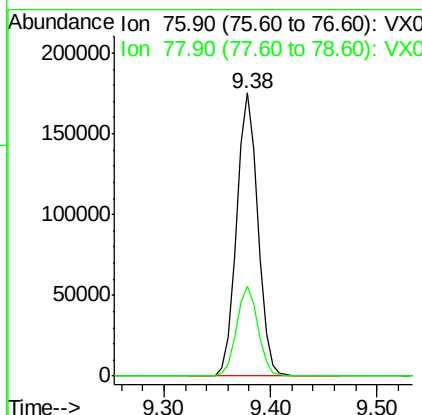
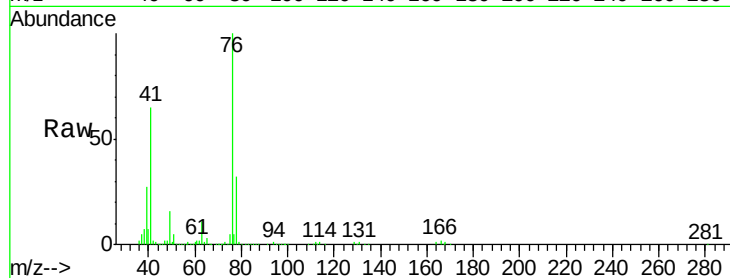




#57
 1,3-Dichloropropane
 Concen: 51.74 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

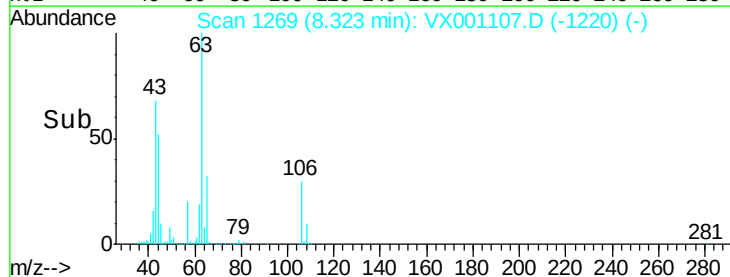
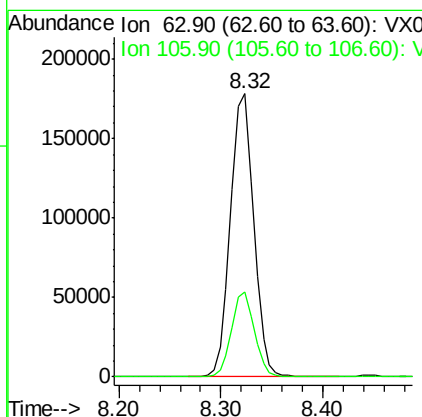
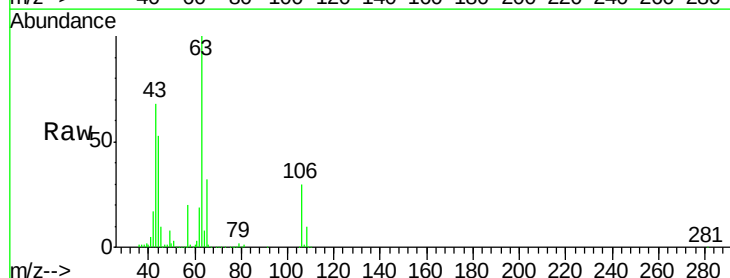
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

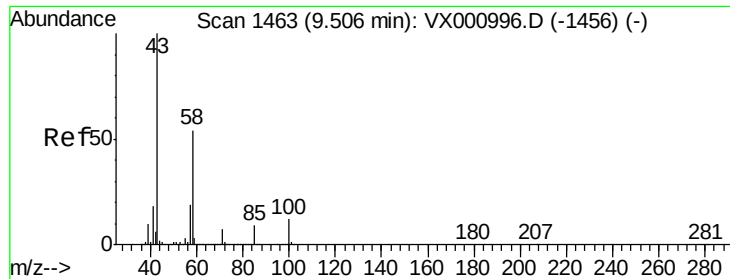
Tgt Ion: 76 Resp: 246207
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 136.21 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 63 Resp: 280494
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.6

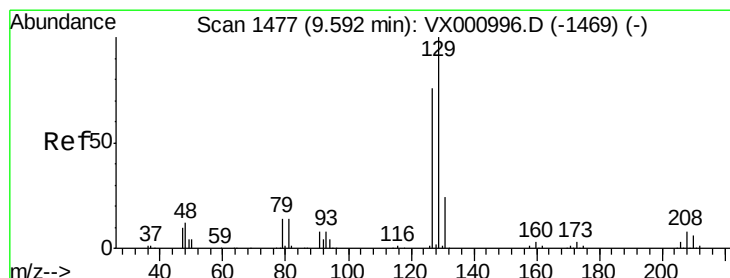
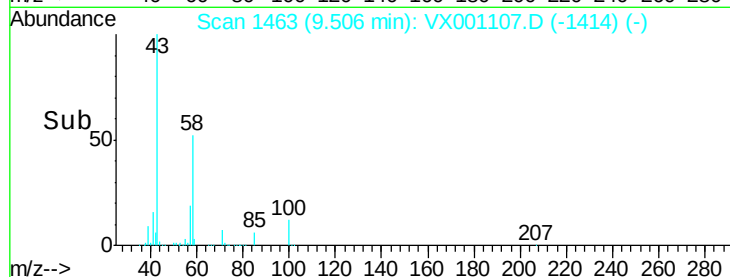
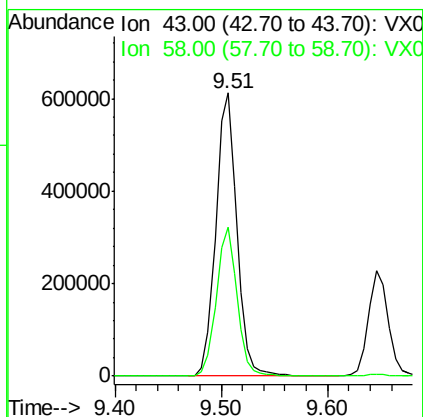
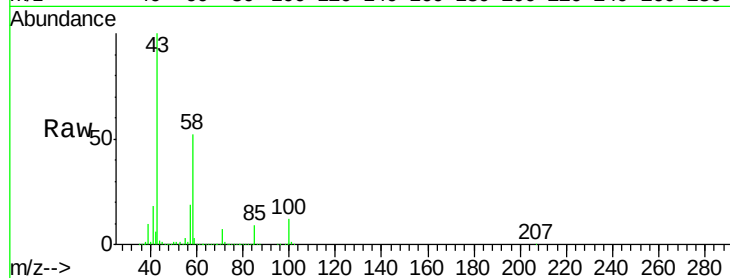




#59
2-Hexanone
Concen: 286.72 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

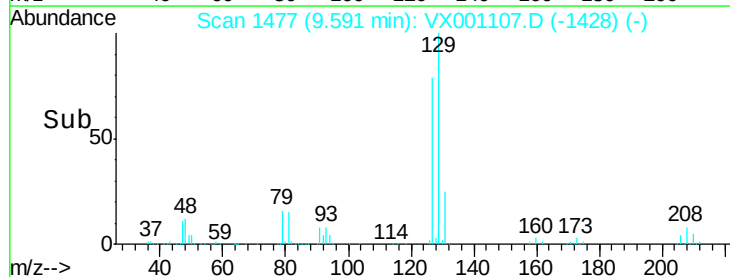
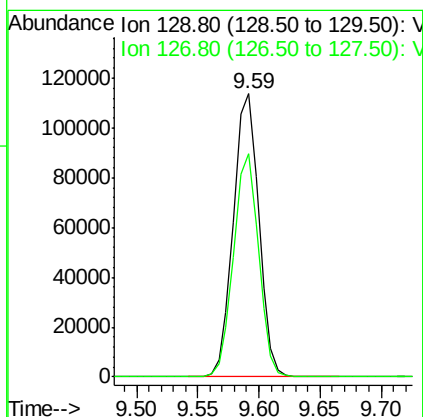
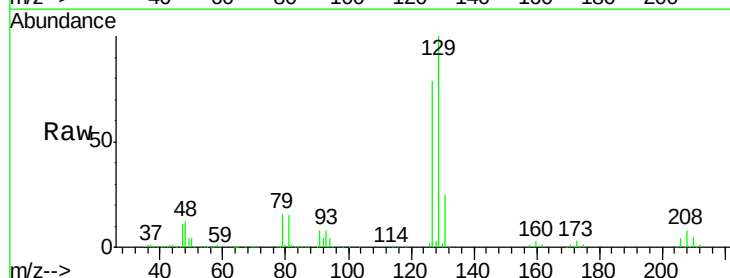
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

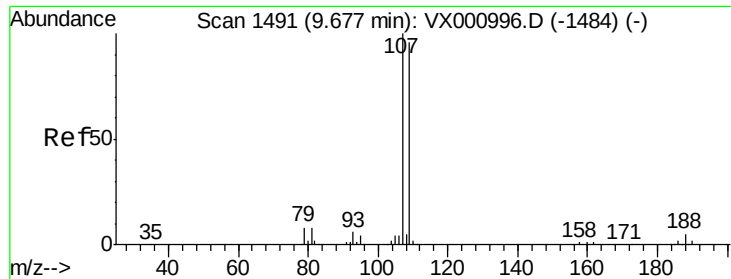
Tgt Ion: 43 Resp: 835264
Ion Ratio Lower Upper
43 100
58 52.1 26.3 78.9



#60
Dibromochloromethane
Concen: 54.15 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 129 Resp: 163363
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.32 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

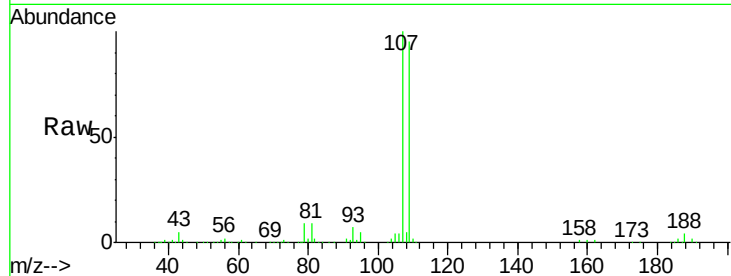
LF001MW001-180418MS

Tgt Ion: 107 Resp: 161636

Ion Ratio Lower Upper

107 100

109 94.3 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

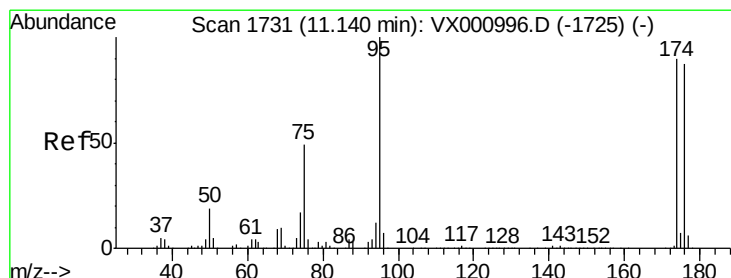
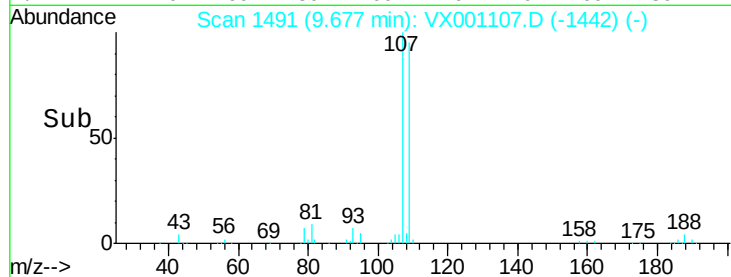
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

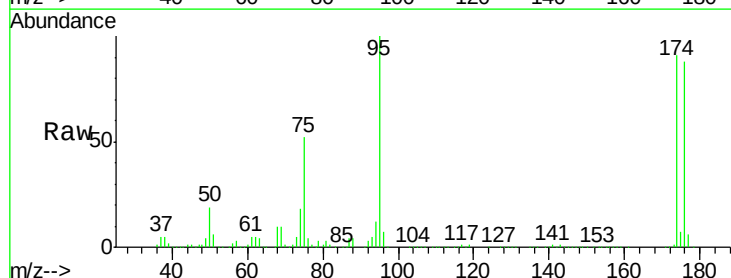
Tgt Ion: 95 Resp: 193764

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

176 95.3 0.0 192.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

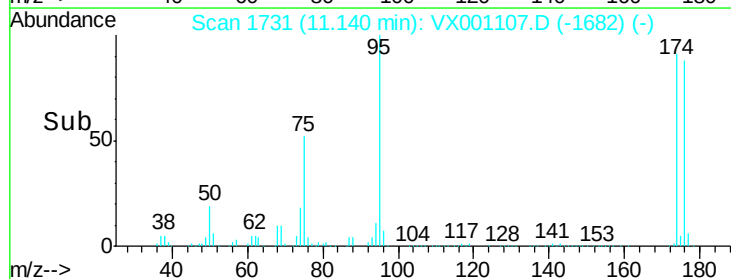
150000

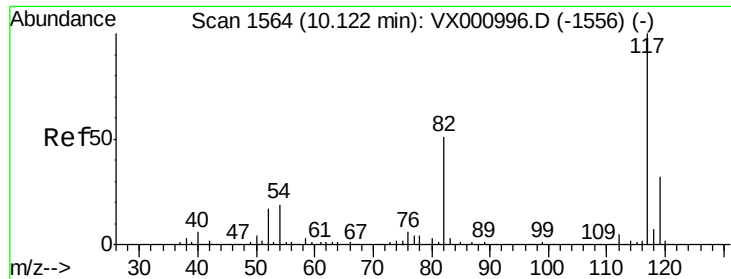
100000

50000

0

Time-->

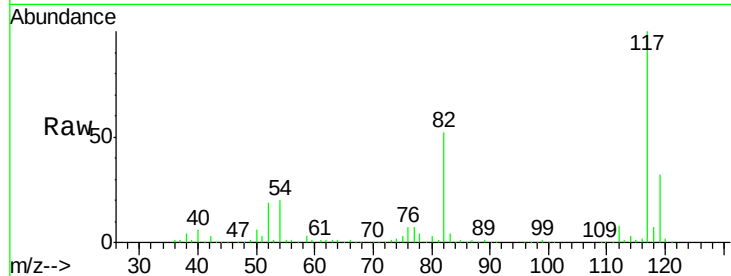




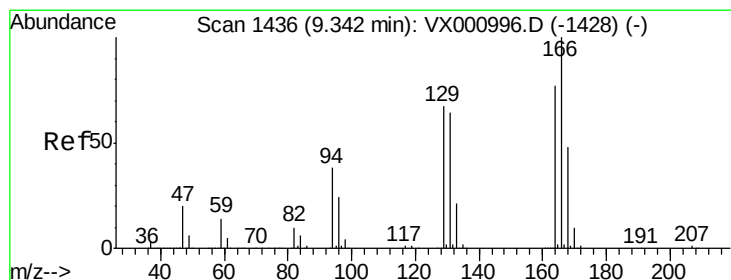
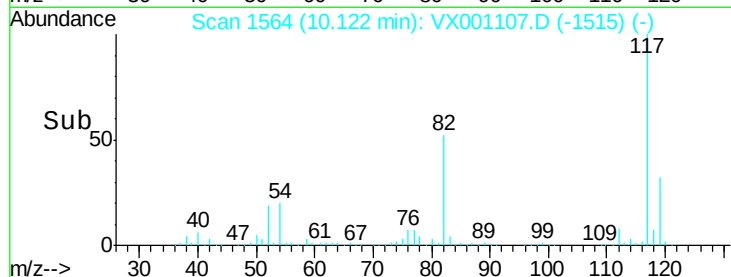
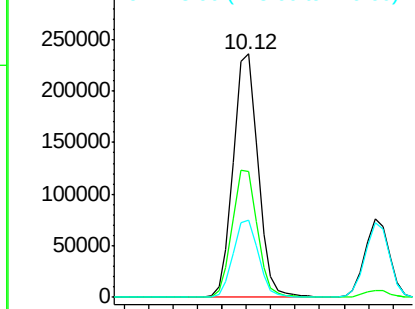
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

Tgt Ion:117 Resp: 330963
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 31.9 26.0 39.0

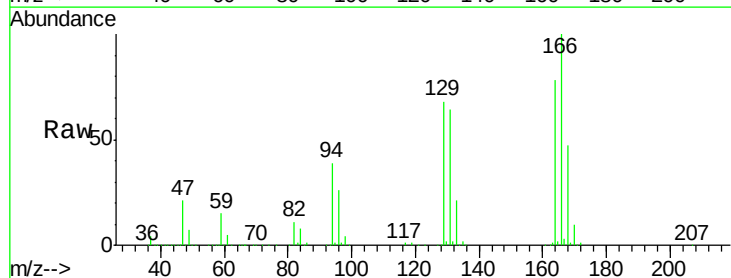


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

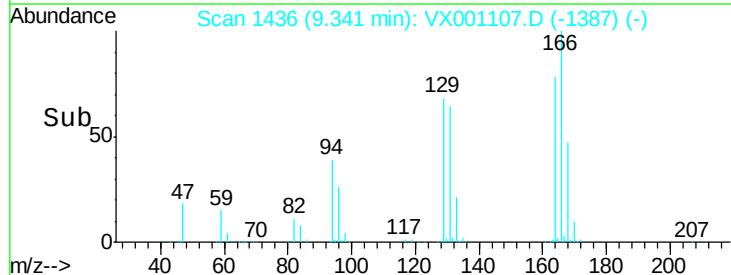
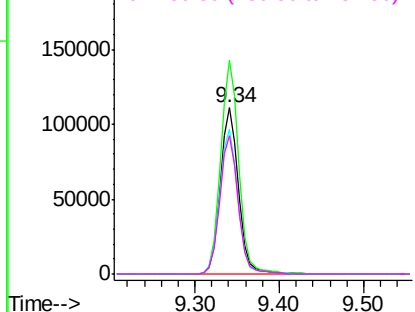


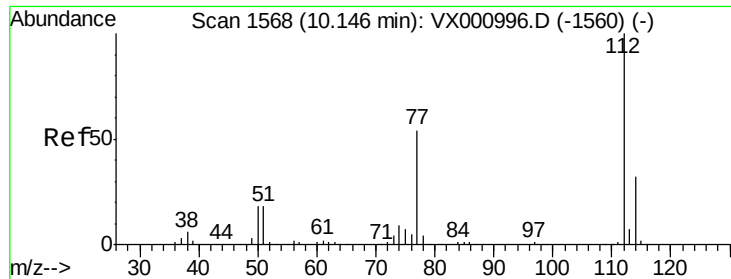
#64
Tetrachloroethene
Concen: 47.19 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:164 Resp: 165869
Ion Ratio Lower Upper
164 100
166 128.6 103.5 155.3
129 87.4 69.6 104.4
131 82.9 65.8 98.8



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

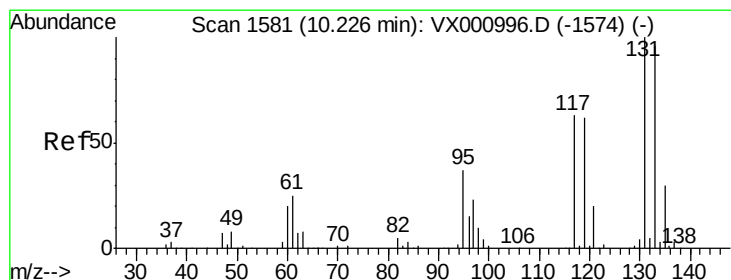
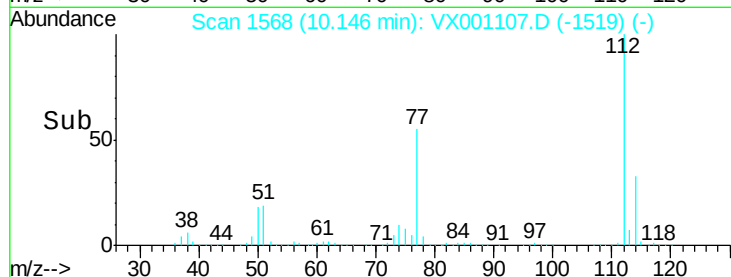
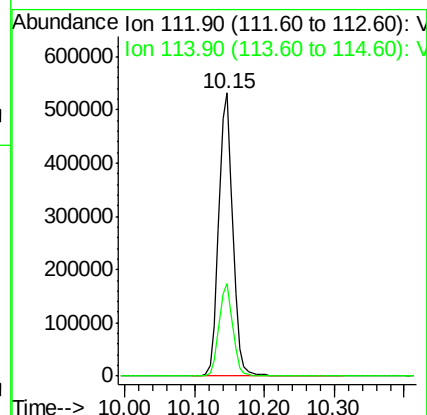
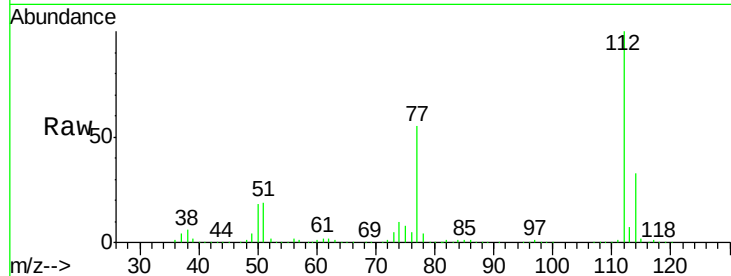




#65
Chlorobenzene
Concen: 83.89 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

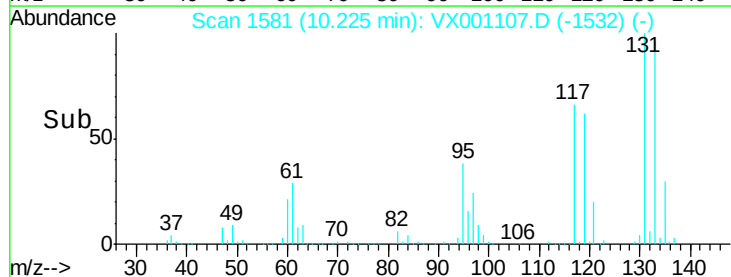
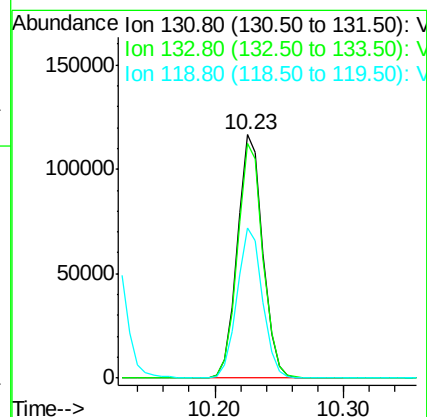
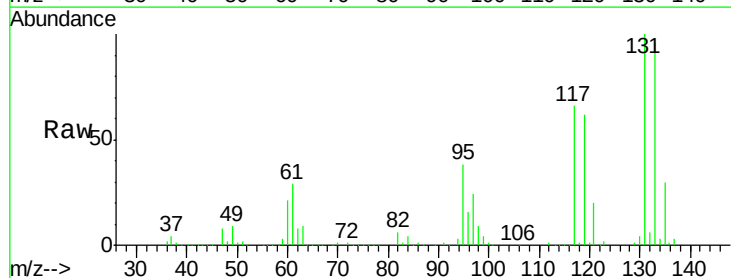
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

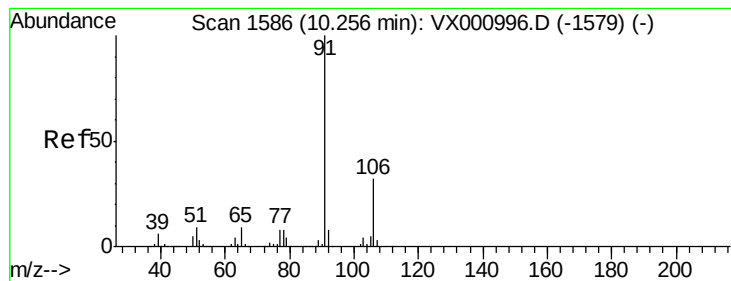
Tgt Ion:112 Resp: 739299
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.90 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:131 Resp: 160024
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.8
119 62.1 31.1 93.2





#67

Ethyl Benzene

Concen: 70.09 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

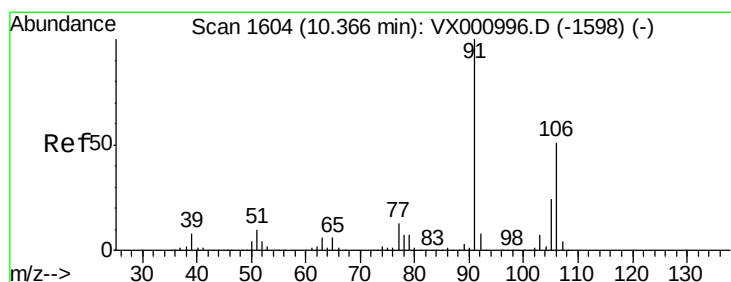
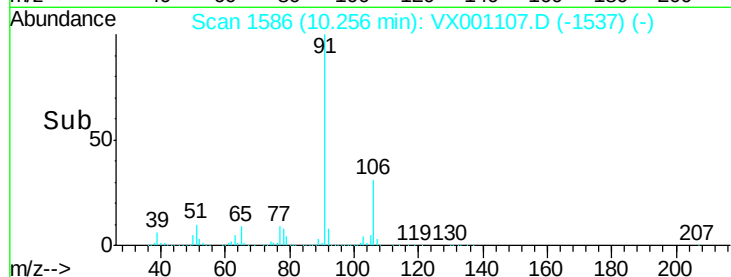
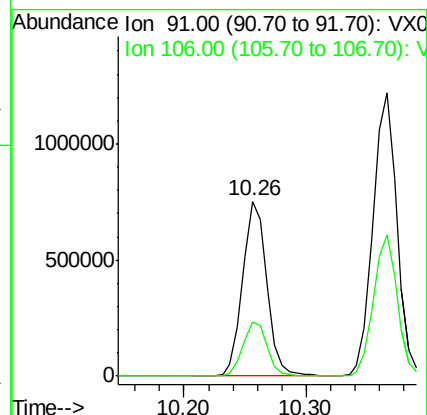
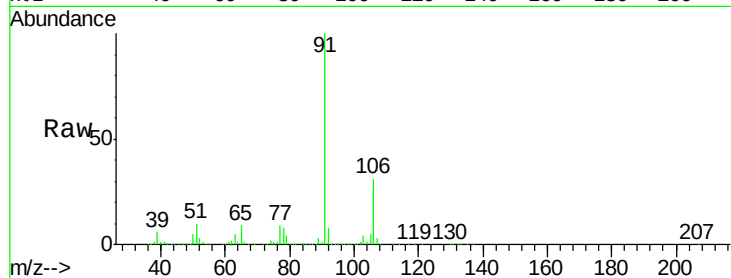
LF001MW001-180418MS

Tgt Ion: 91 Resp: 1025812

Ion Ratio Lower Upper

91 100

106 31.4 25.7 38.5



#68

m/p-Xylenes

Concen: 143.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001107.D

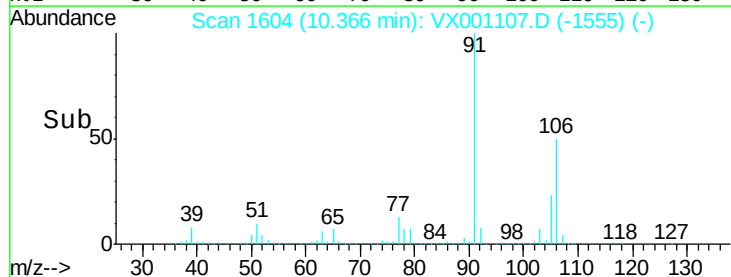
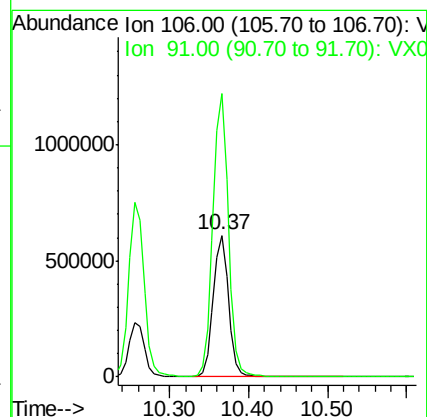
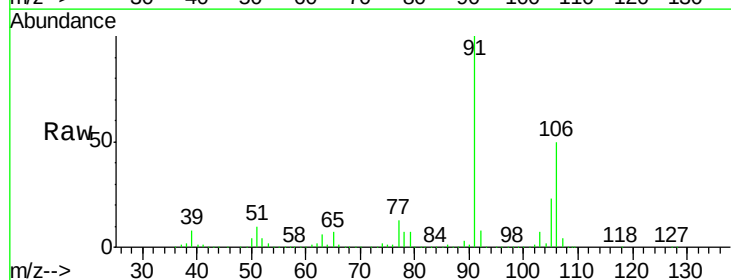
Acq: 25 Apr 2018 05:07

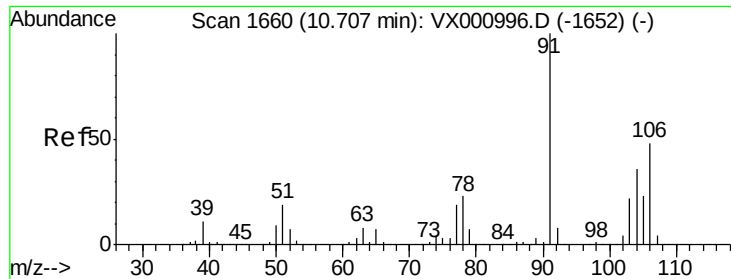
Tgt Ion: 106 Resp: 828567

Ion Ratio Lower Upper

106 100

91 201.8 159.3 238.9

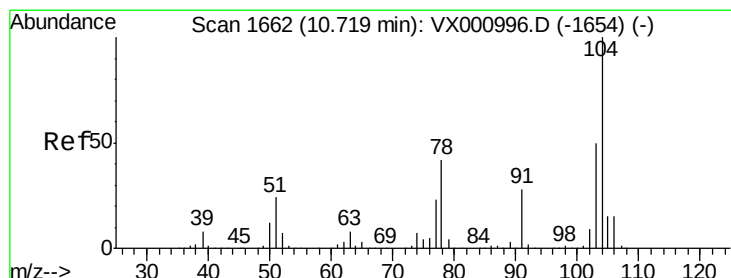
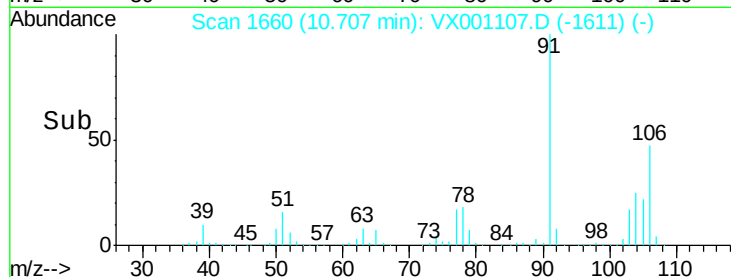
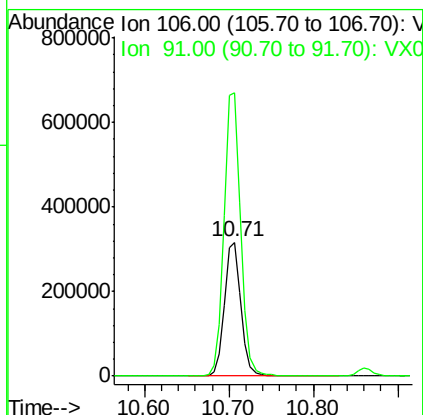
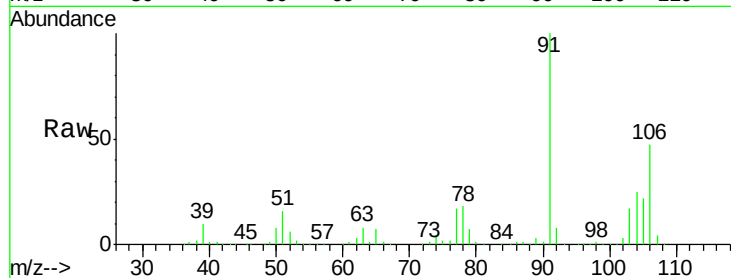




#69
o-Xylene
Concen: 77.05 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

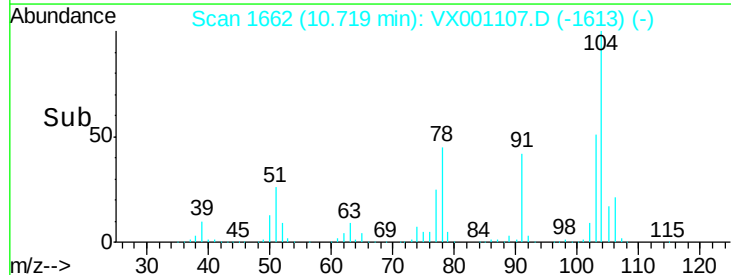
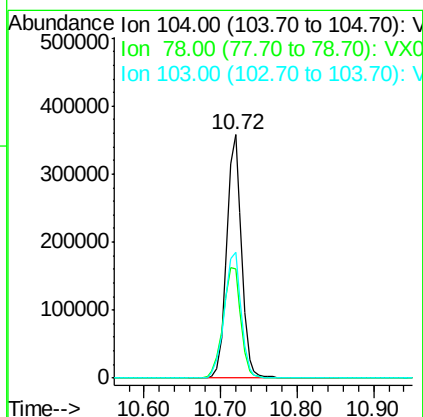
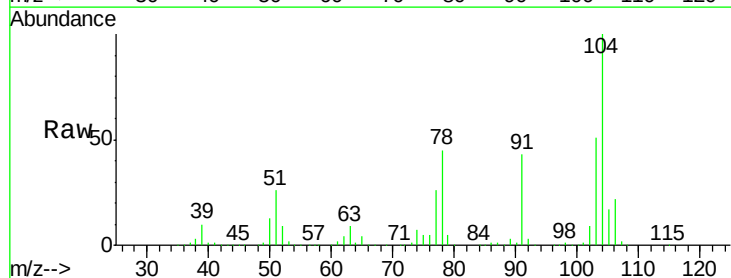
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

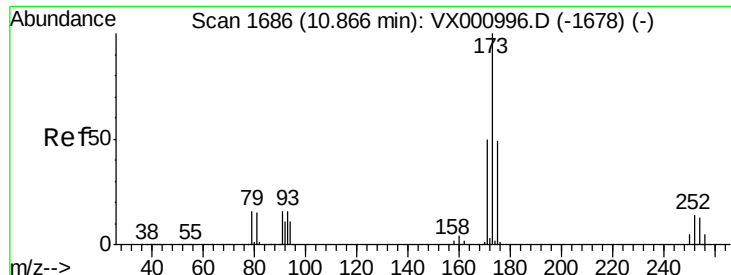
Tgt Ion:106 Resp: 428466
Ion Ratio Lower Upper
106 100
91 214.6 105.1 315.1



#70
Styrene
Concen: 52.43 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion:104 Resp: 480135
Ion Ratio Lower Upper
104 100
78 54.2 39.4 59.2
103 59.0 44.2 66.2





#71

Bromoform

Concen: 47.92 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

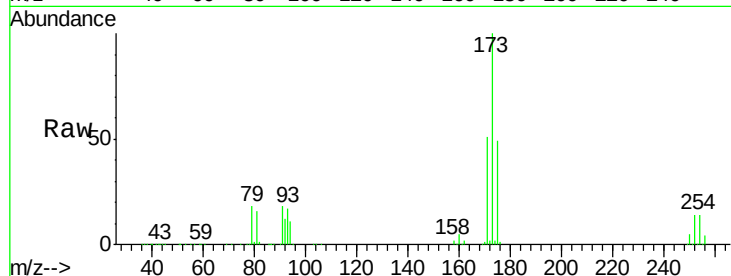
Tgt Ion:173 Resp: 134604

Ion Ratio Lower Upper

173 100

175 49.5 24.8 74.3

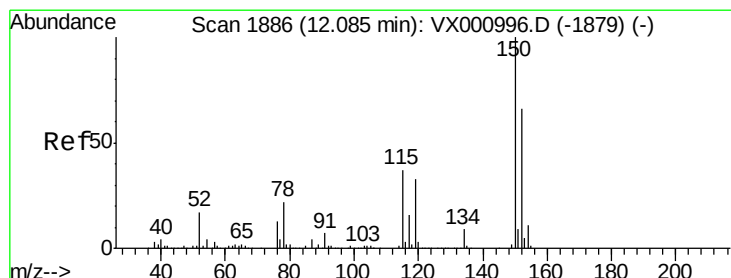
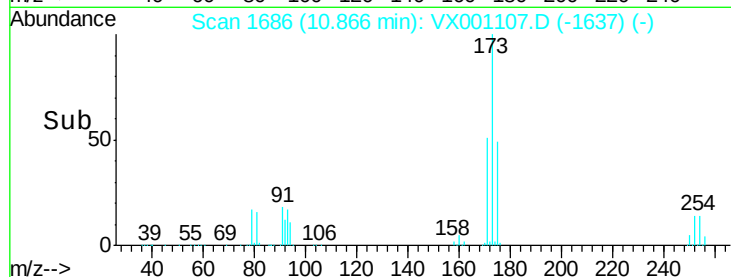
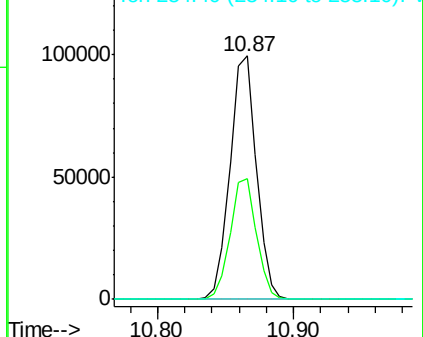
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

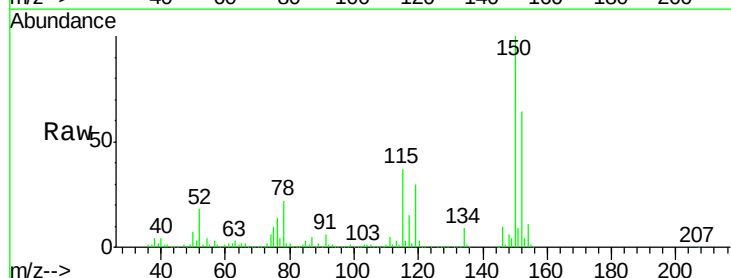
Tgt Ion:152 Resp: 229420

Ion Ratio Lower Upper

152 100

115 76.6 38.2 114.6

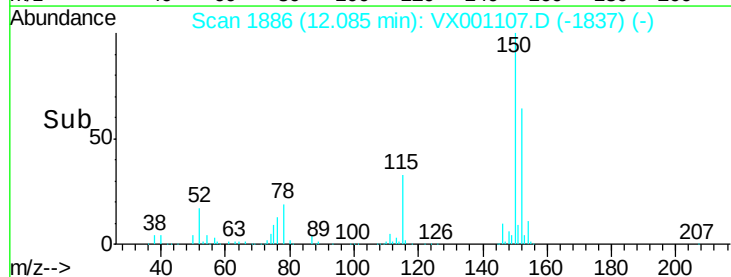
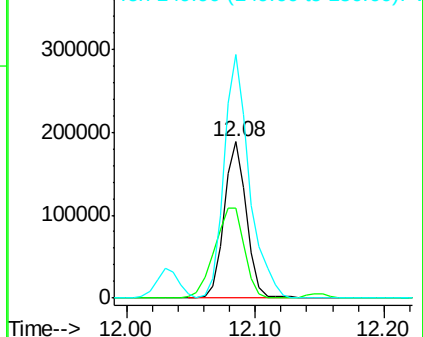
150 176.9 0.0 350.4

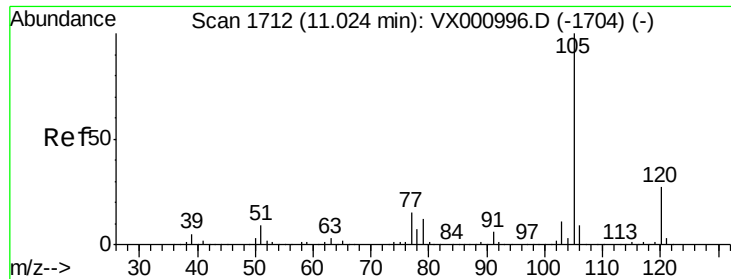


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.76 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

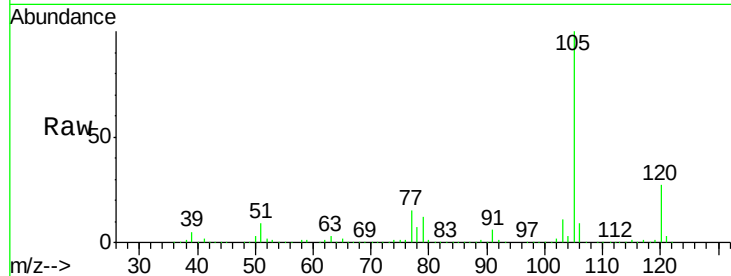
LF001MW001-180418MS

Tgt Ion: 105 Resp: 776260

Ion Ratio Lower Upper

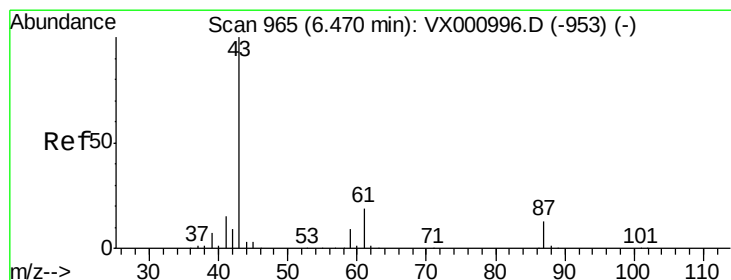
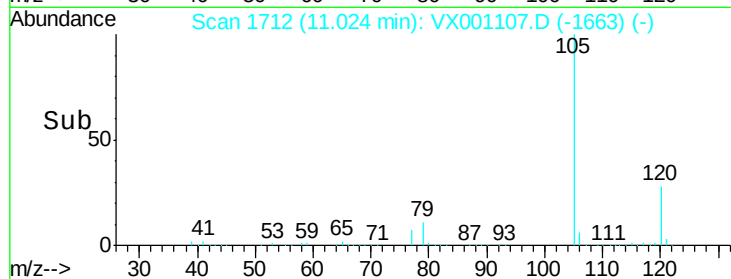
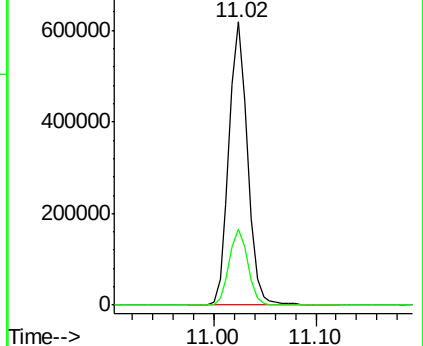
105 100

120 27.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.18 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Tgt Ion: 43 Resp: 334788

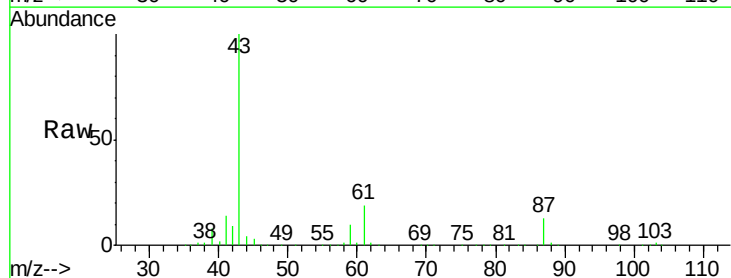
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.8 15.4 23.2

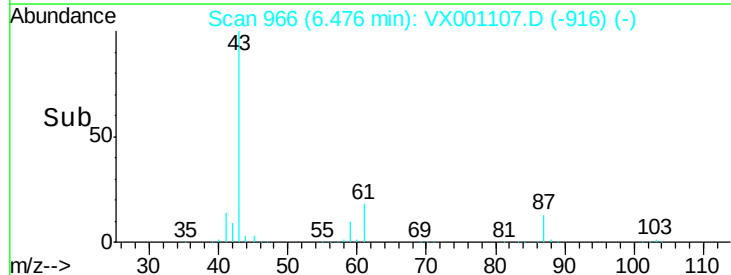
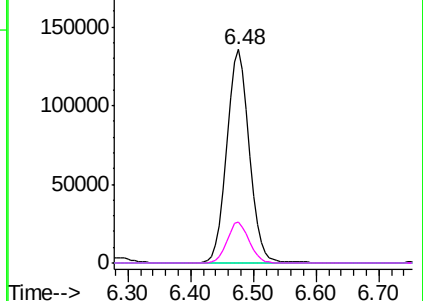


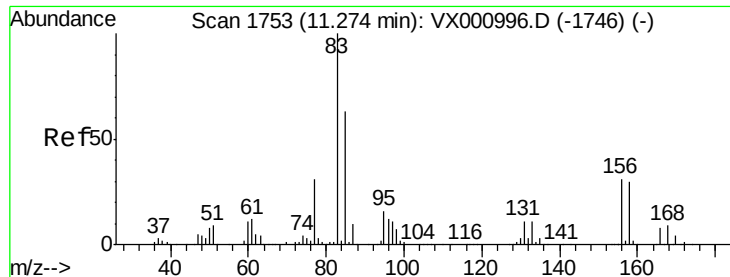
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 55.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

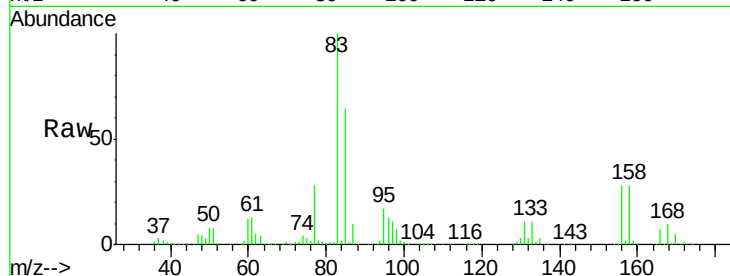
Tgt Ion: 83 Resp: 234796

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.4

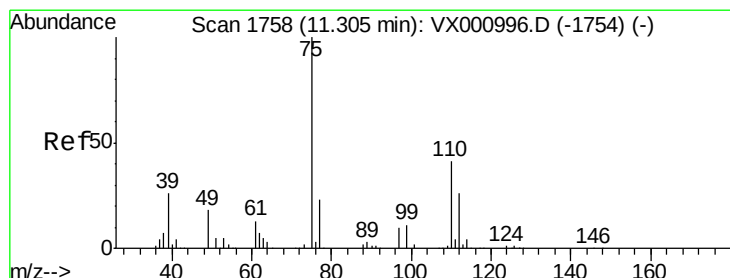
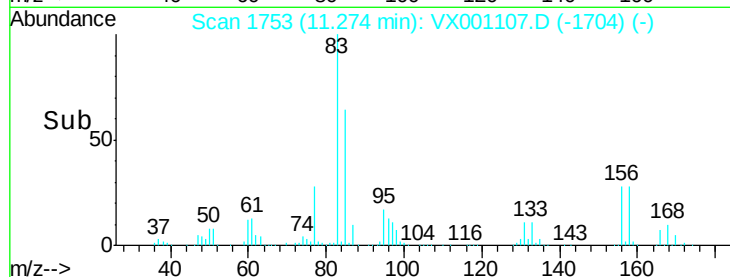
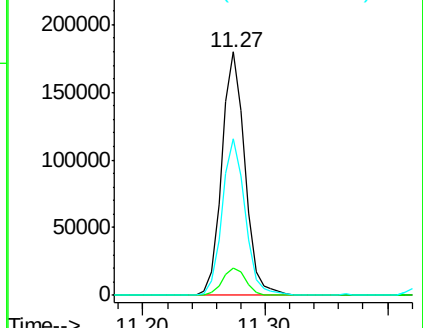
85 64.3 32.0 96.2



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: 61.50 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001107.D

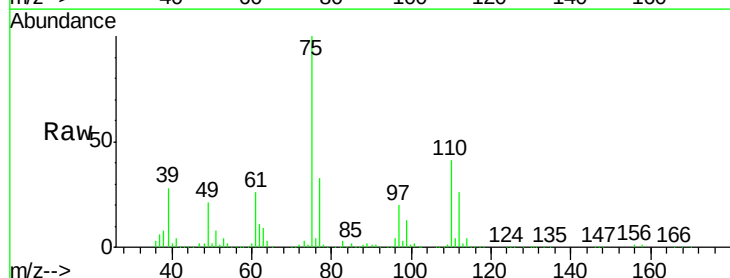
Acq: 25 Apr 2018 05:07

Tgt Ion: 75 Resp: 244788

Ion Ratio Lower Upper

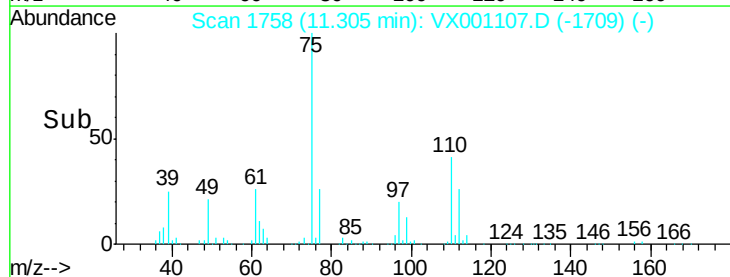
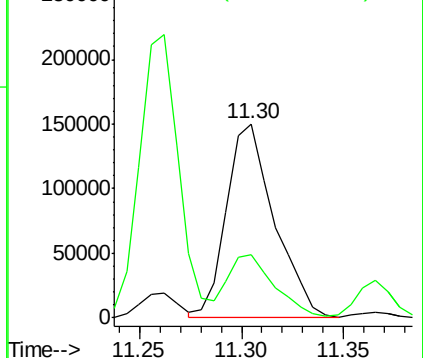
75 100

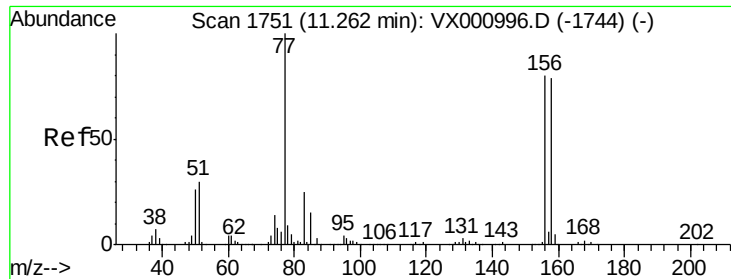
77 31.5 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.81 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

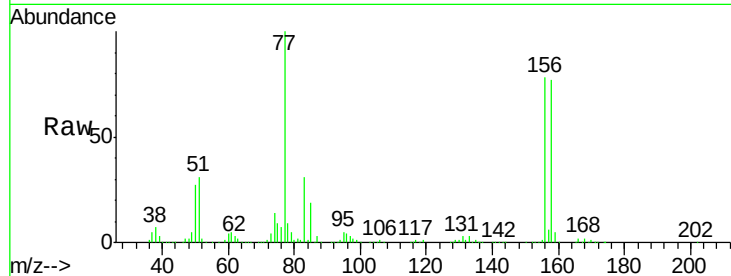
Tgt Ion: 156 Resp: 216838

Ion Ratio Lower Upper

156 100

77 135.3 66.3 199.0

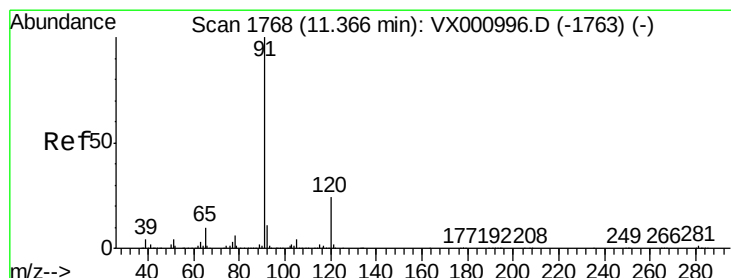
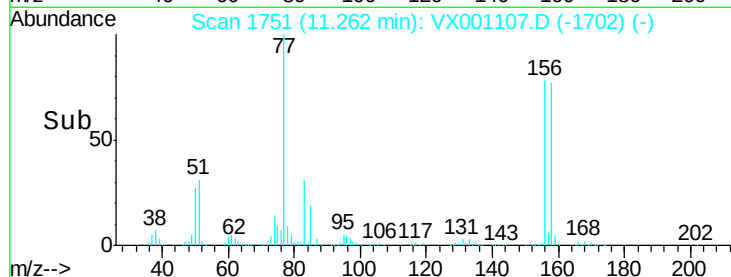
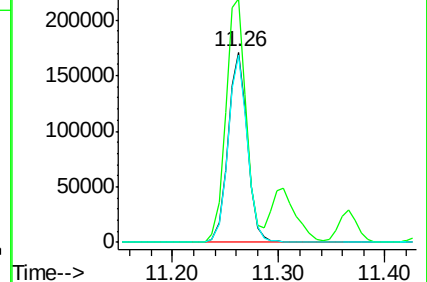
158 98.0 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001107.D

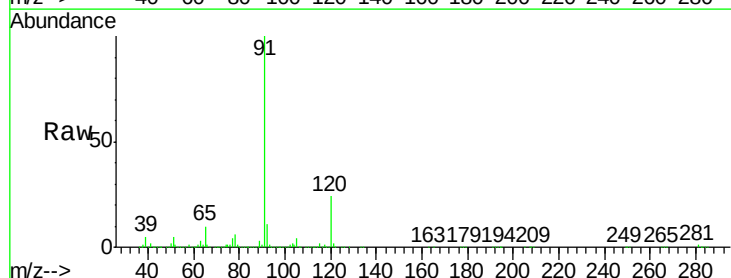
Acq: 25 Apr 2018 05:07

Tgt Ion: 91 Resp: 884496

Ion Ratio Lower Upper

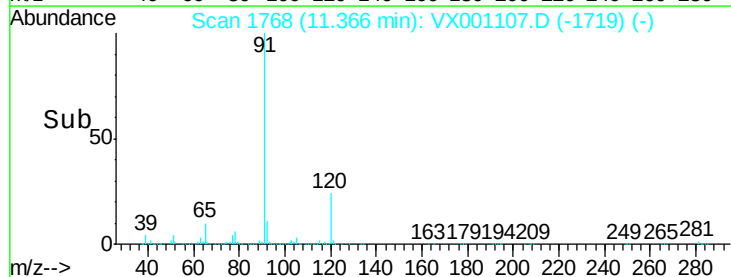
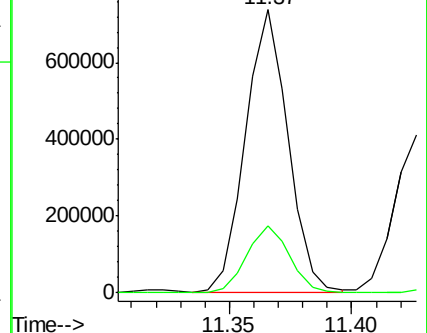
91 100

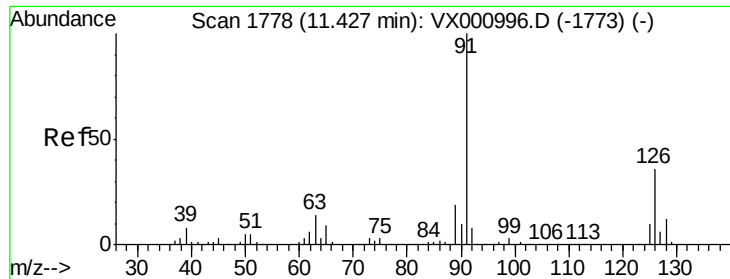
120 24.4 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

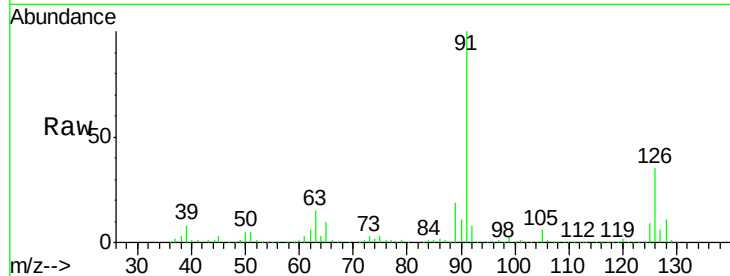




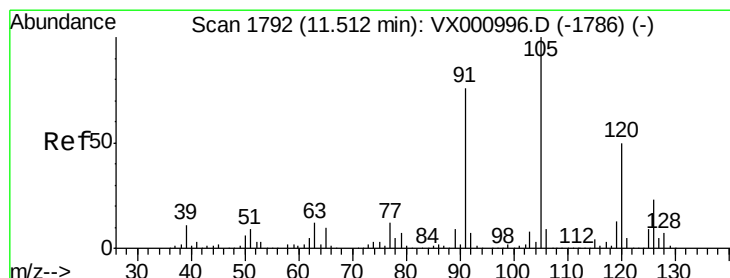
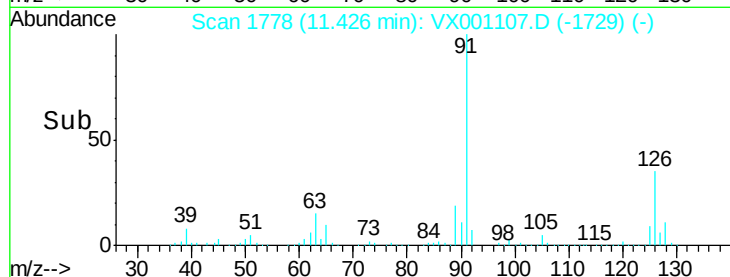
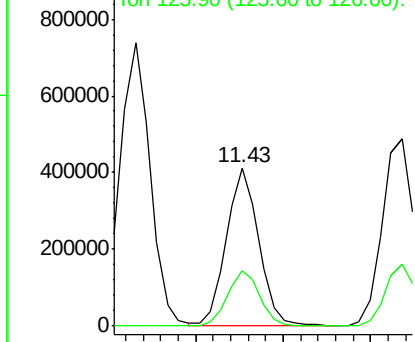
#79
 2-Chlorotoluene
 Concen: 52.13 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tgt Ion: 91 Resp: 530403
 Ion Ratio Lower Upper
 91 100
 126 35.1 18.3 54.9

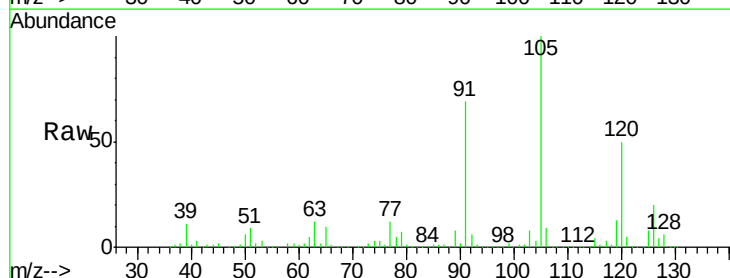


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

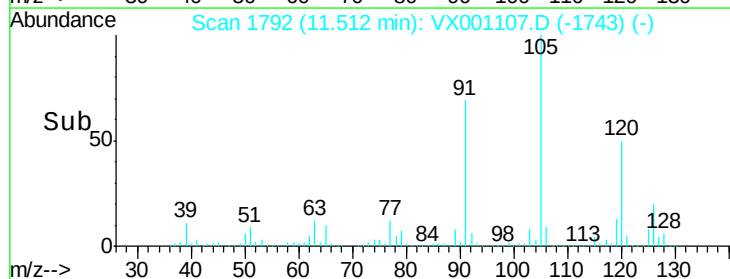
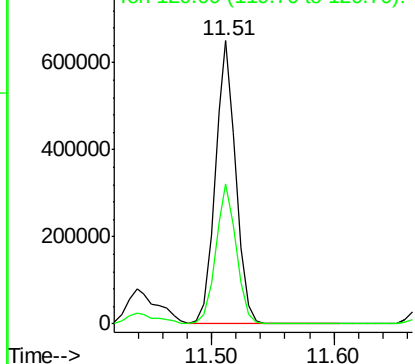


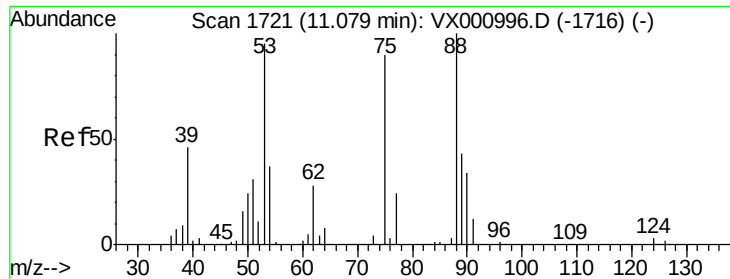
#80
 1,3,5-Trimethylbenzene
 Concen: 59.46 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 105 Resp: 755918
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 33.70 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

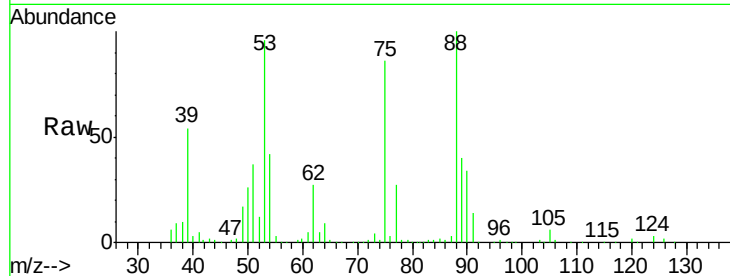
Tgt Ion: 75 Resp: 42240

Ion Ratio Lower Upper

75 100

53 112.3 83.4 125.2

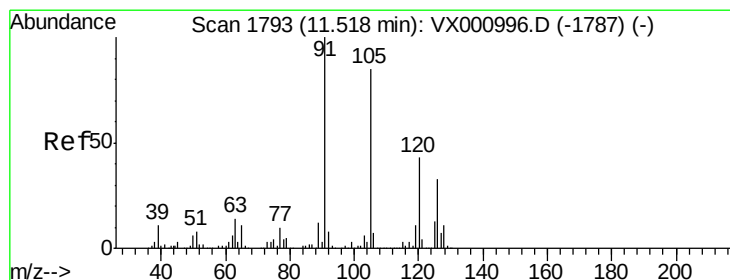
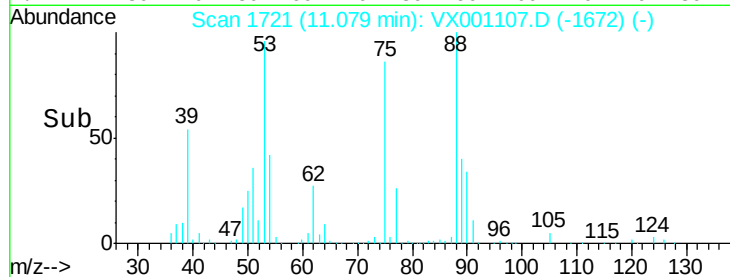
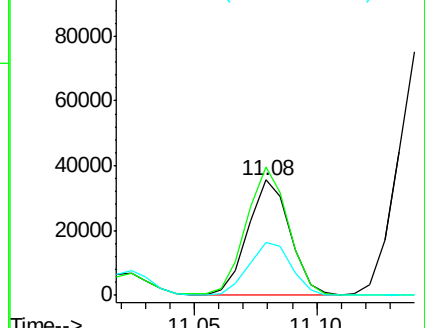
89 47.8 39.7 59.5



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



#82

4-Chlorotoluene

Concen: 50.65 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001107.D

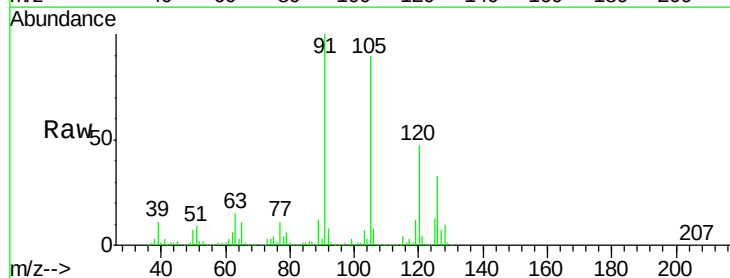
Acq: 25 Apr 2018 05:07

Tgt Ion: 91 Resp: 622645

Ion Ratio Lower Upper

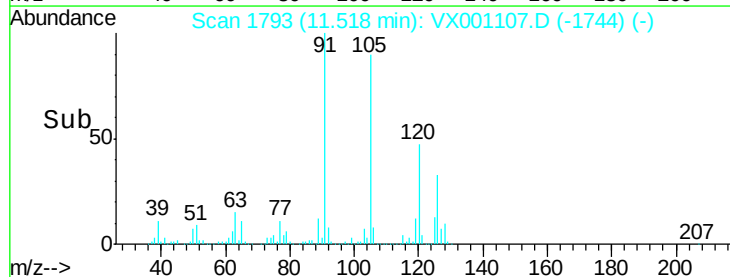
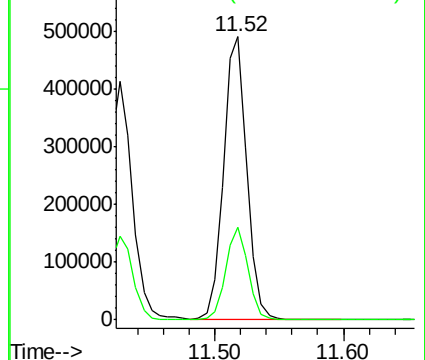
91 100

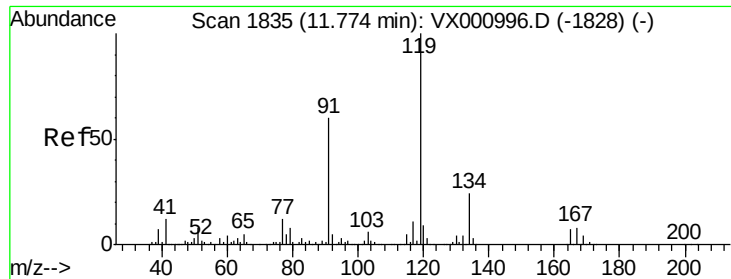
126 31.5 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

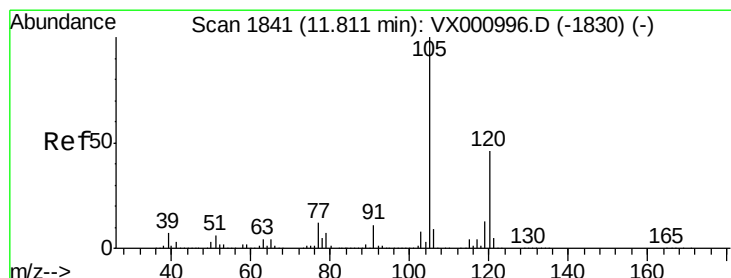
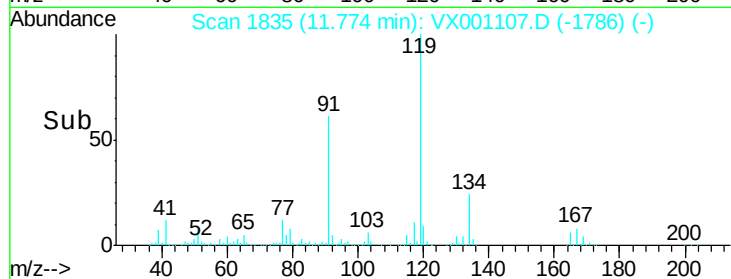
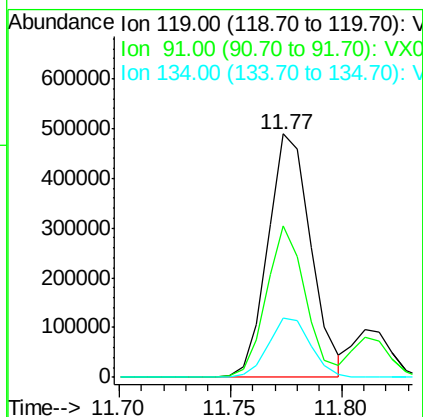
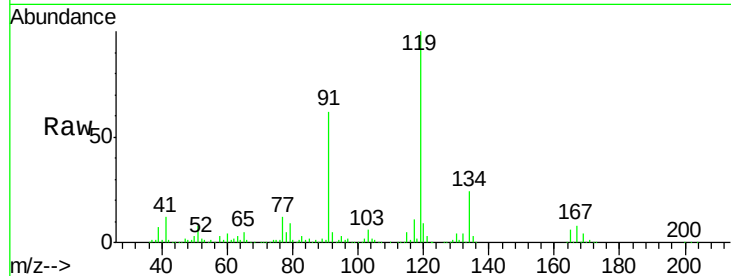




#83
 tert-Butylbenzene
 Concen: 51.03 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

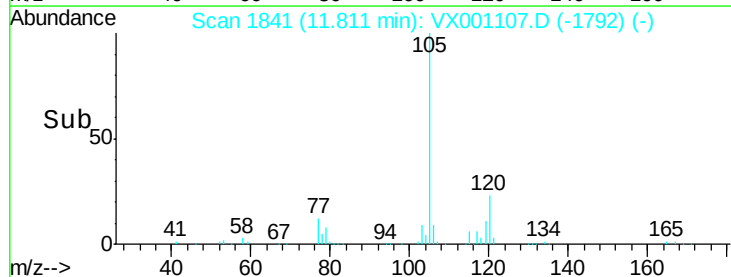
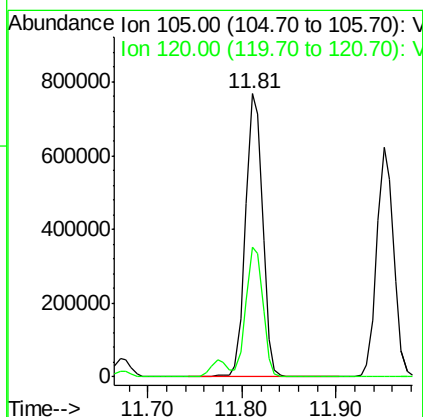
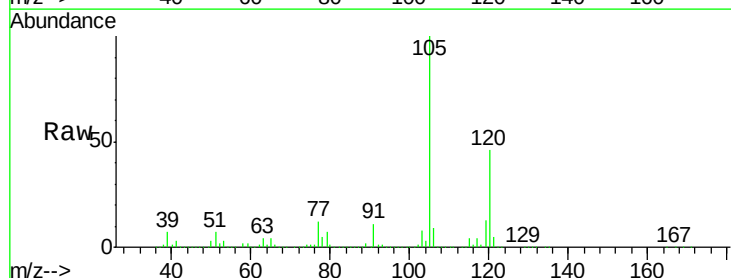
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

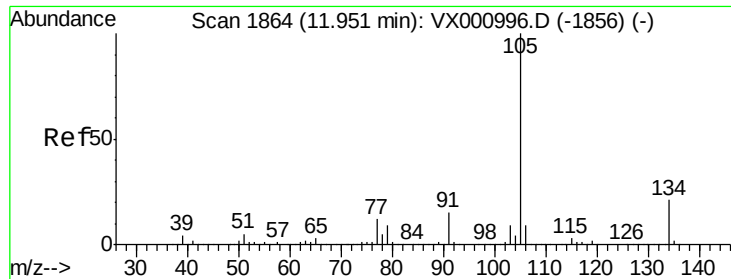
Tgt Ion:119 Resp: 654540
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.0 81.0
 134 24.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 74.02 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion:105 Resp: 968528
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0

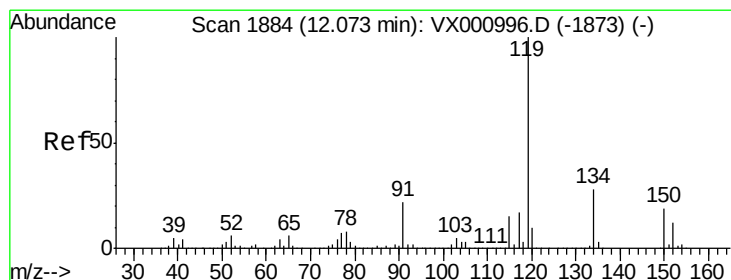
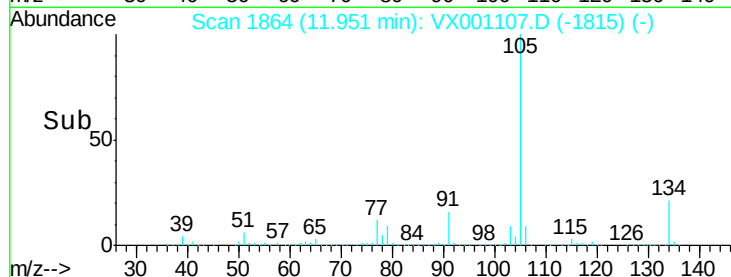
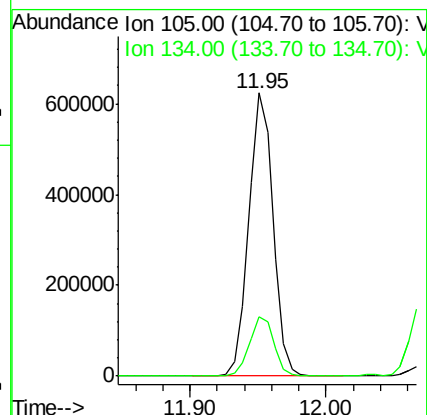
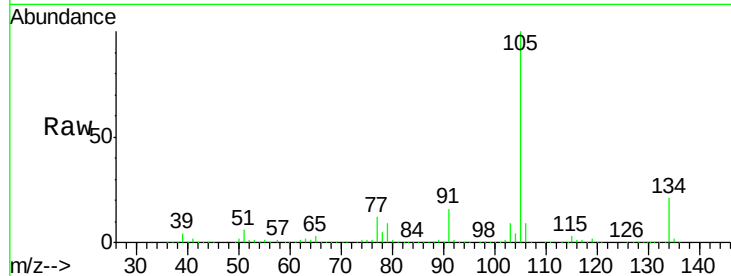




#85
 sec-Butylbenzene
 Concen: 50.79 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

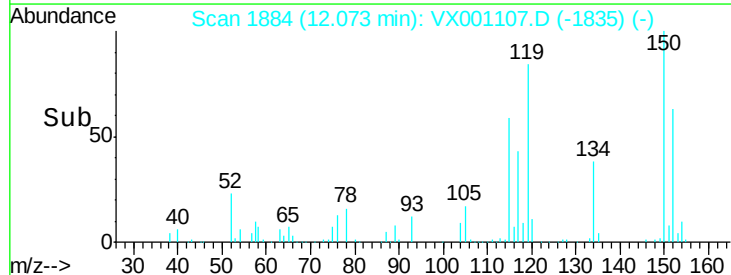
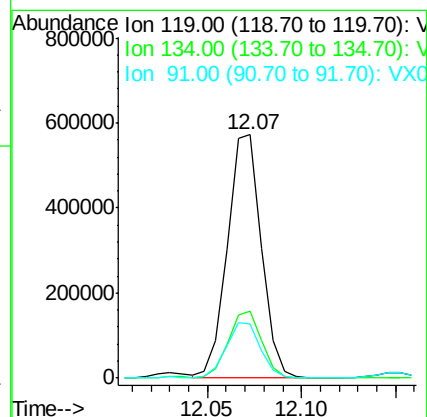
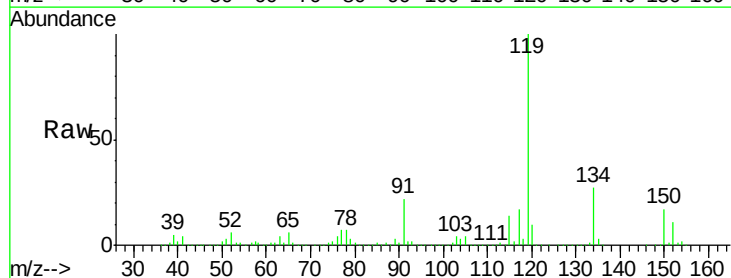
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

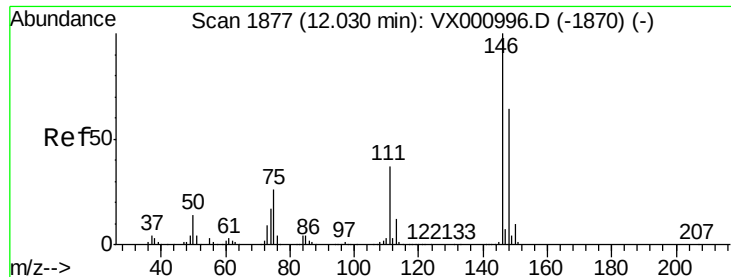
Tgt Ion:105 Resp: 777646
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 50.45 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion:119 Resp: 714488
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.9 11.4 34.1

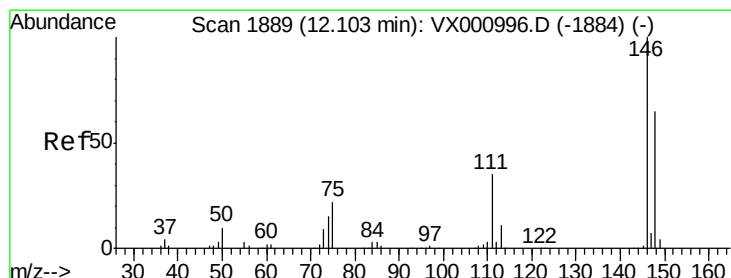
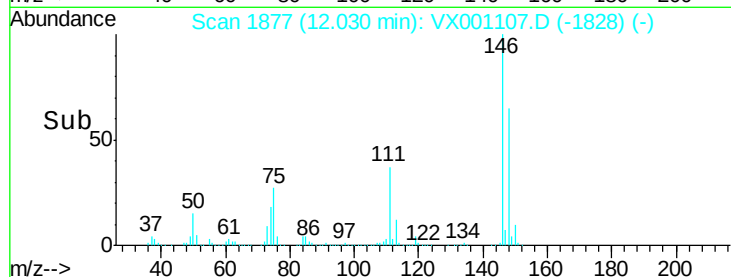
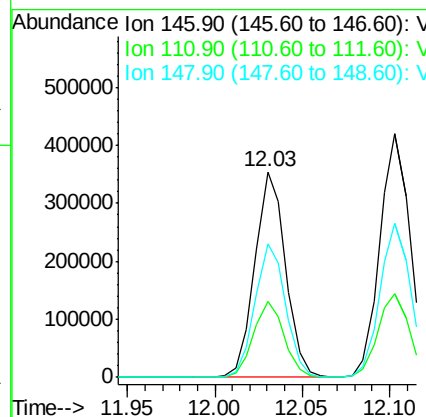
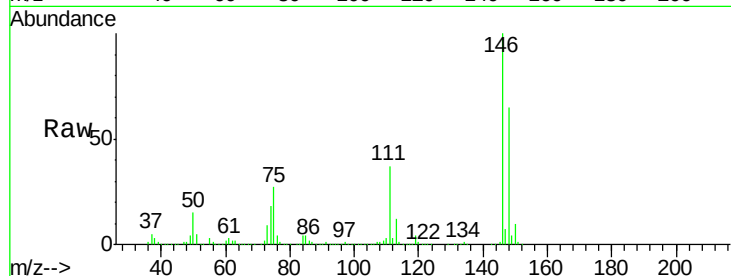




#87
 1,3-Dichlorobenzene
 Concen: 53.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

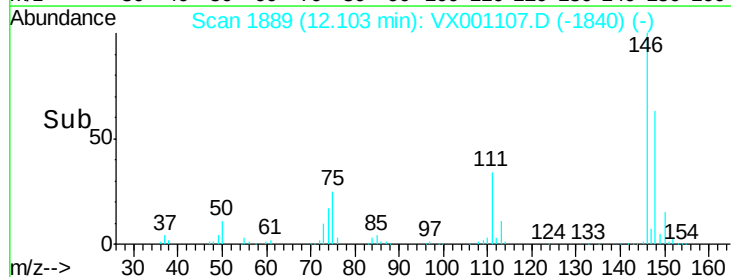
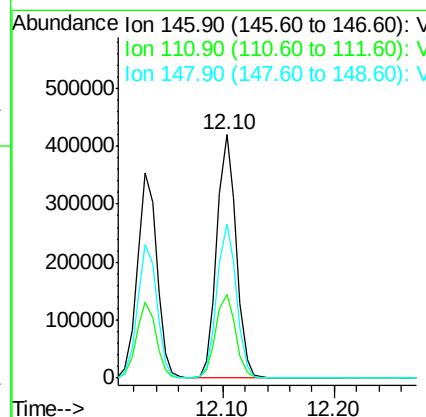
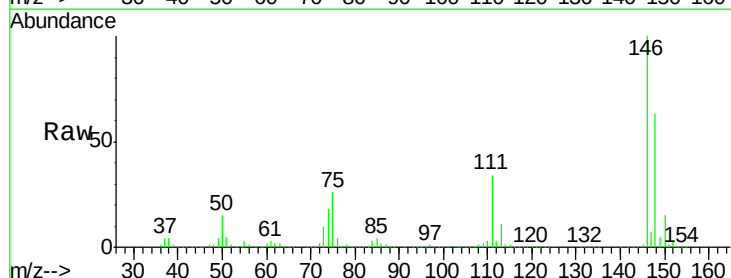
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

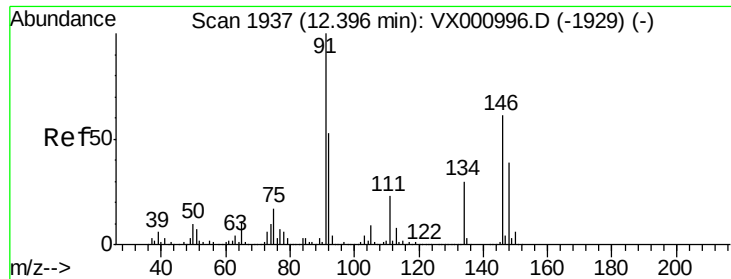
Tgt Ion:146 Resp: 433075
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.3 54.8
 148 64.8 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 60.61 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion:146 Resp: 507027
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.0 54.0
 148 63.8 32.4 97.0

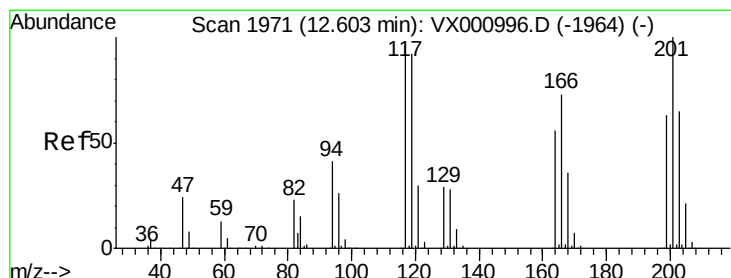
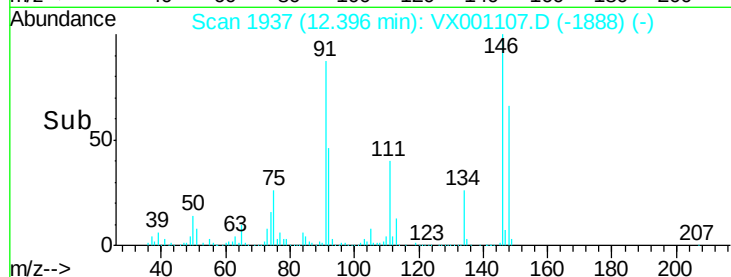
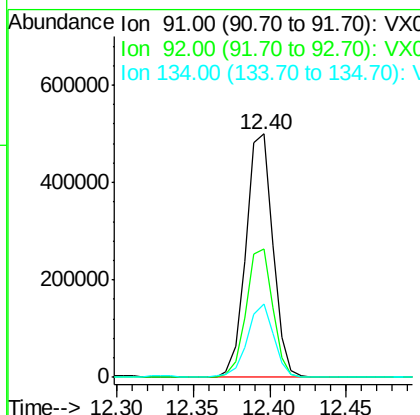
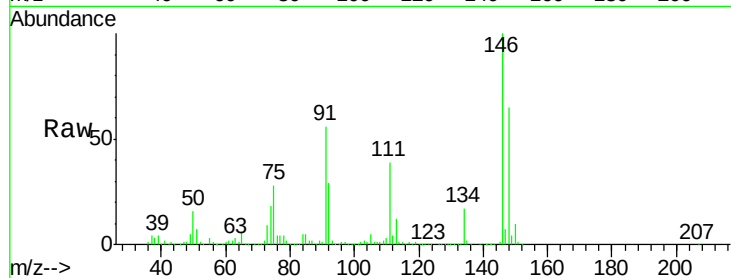




#89
n-Butylbenzene
Concen: 48.30 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

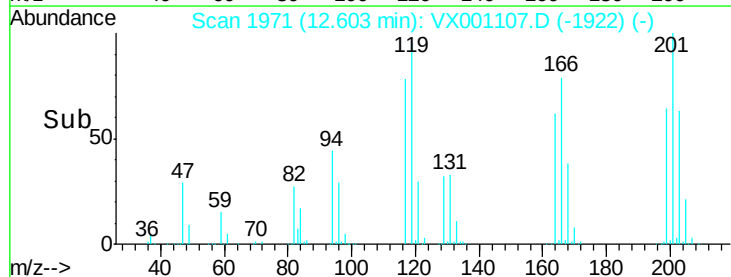
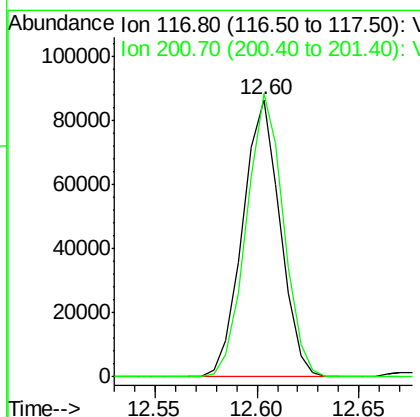
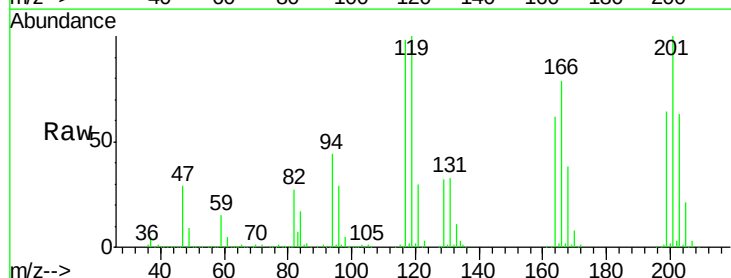
Instrument :
MSVOA_X
ClientSampleId :
LF001MW001-180418MS

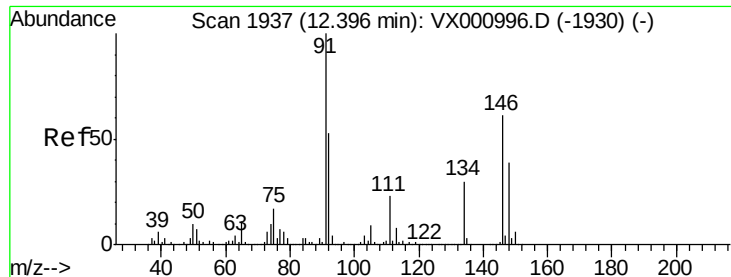
Tgt Ion: 91 Resp: 608576
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 29.8 14.4 43.0



#90
Hexachloroethane
Concen: 54.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001107.D
Acq: 25 Apr 2018 05:07

Tgt Ion: 117 Resp: 110009
Ion Ratio Lower Upper
117 100
201 101.0 52.3 157.1

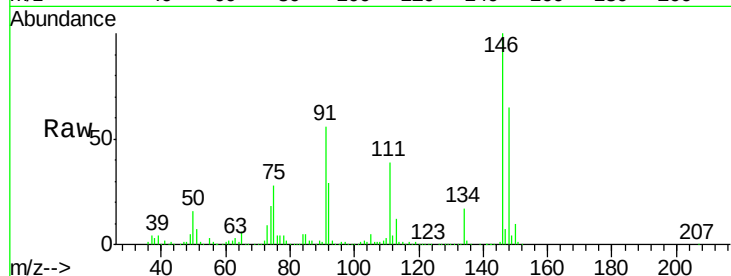




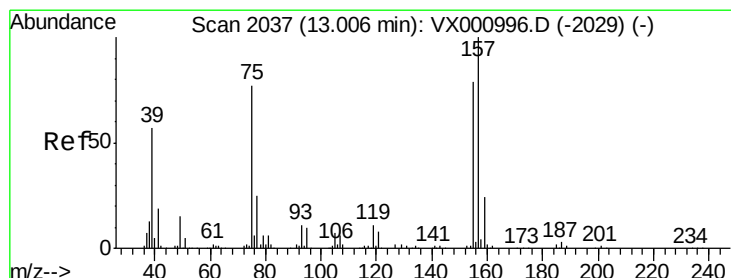
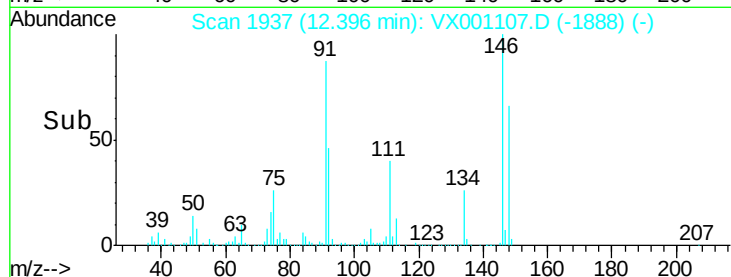
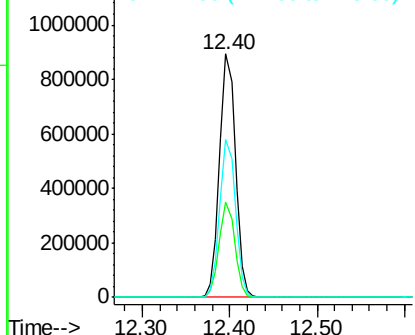
#91
 1,2-Dichlorobenzene
 Concen: 142.61 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

Tgt Ion:146 Resp: 1125222
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 56.0
 148 64.3 32.3 96.8

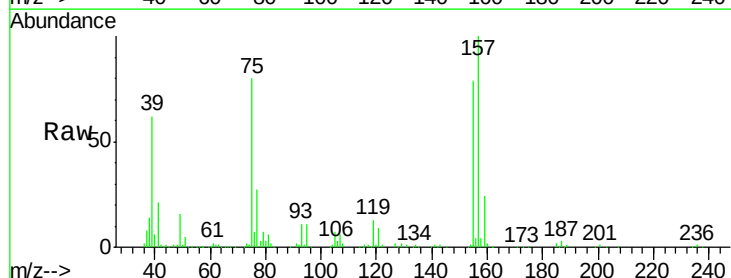


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

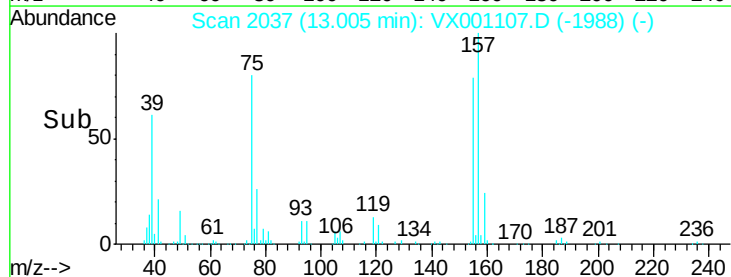
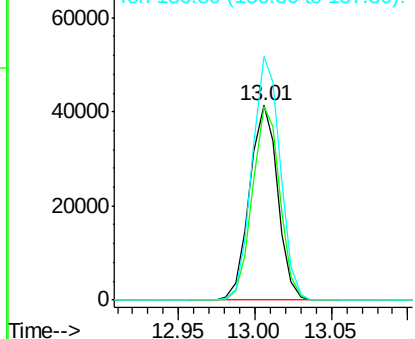


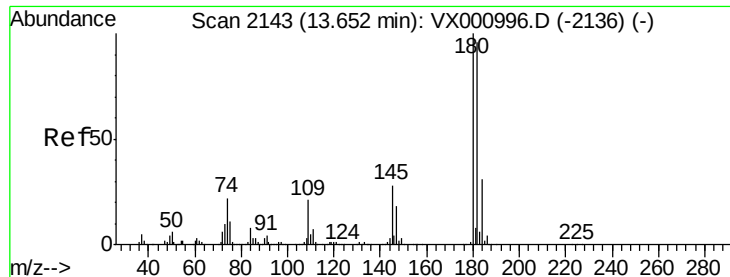
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.47 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion: 75 Resp: 52894
 Ion Ratio Lower Upper
 75 100
 155 96.7 51.0 153.0
 157 125.0 64.9 194.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

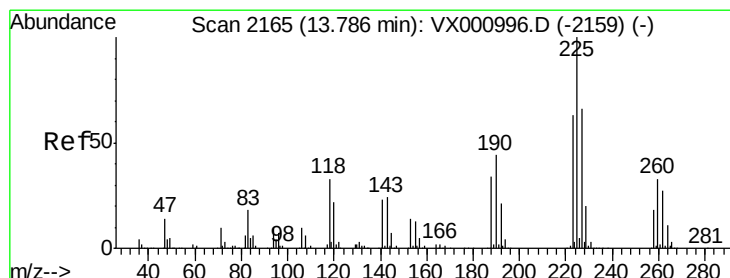
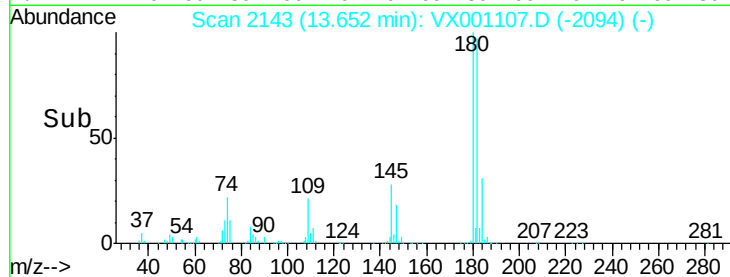
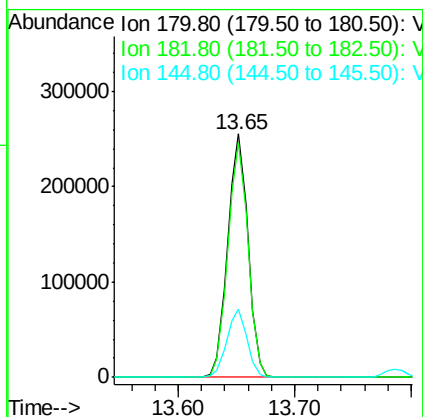
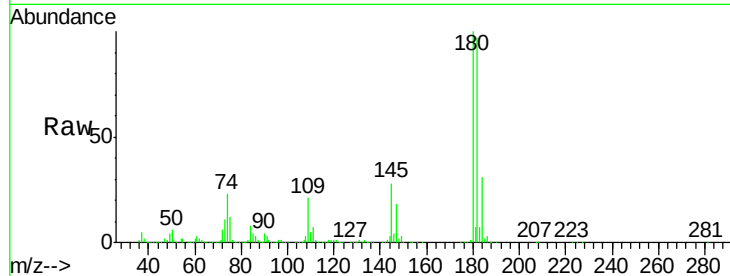




#93
 1,2,4-Trichlorobenzene
 Concen: 46.68 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

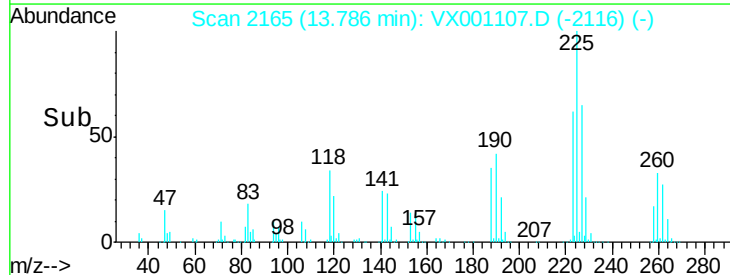
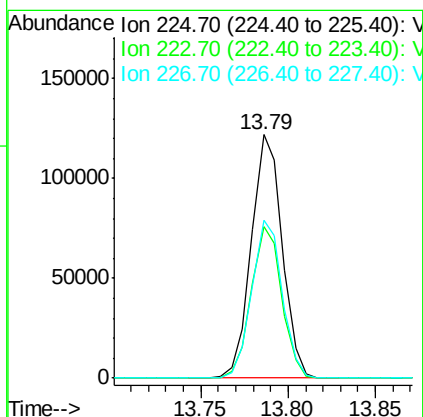
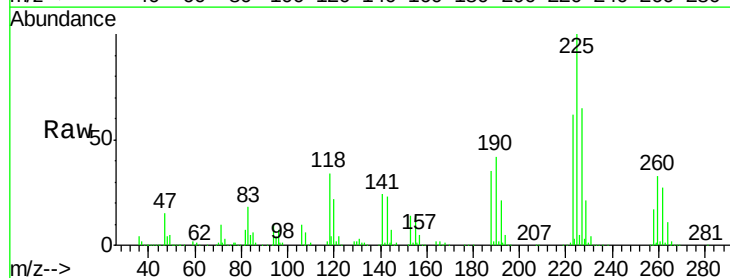
Instrument :
 MSVOA_X
 ClientSampleId :
 LF001MW001-180418MS

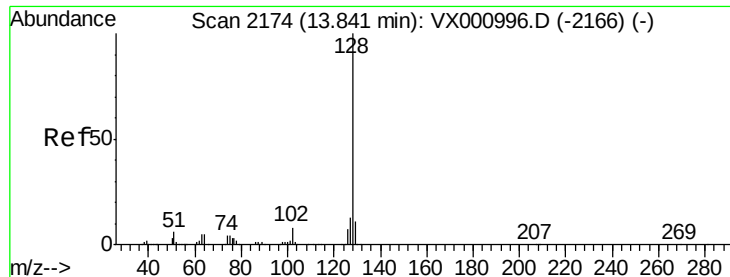
Tgt Ion:180 Resp: 309188
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.0 144.0
 145 27.7 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 49.76 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001107.D
 Acq: 25 Apr 2018 05:07

Tgt Ion:225 Resp: 149136
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.5 94.5
 227 64.0 32.6 97.8





#95

Naphthalene

Concen: 70.29 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

Instrument :

MSVOA_X

ClientSampleId :

LF001MW001-180418MS

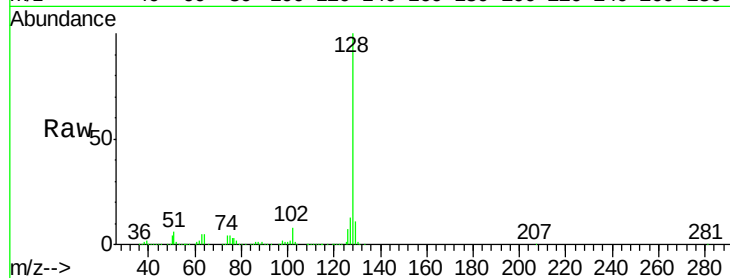
Tgt Ion:128 Resp: 1144946

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

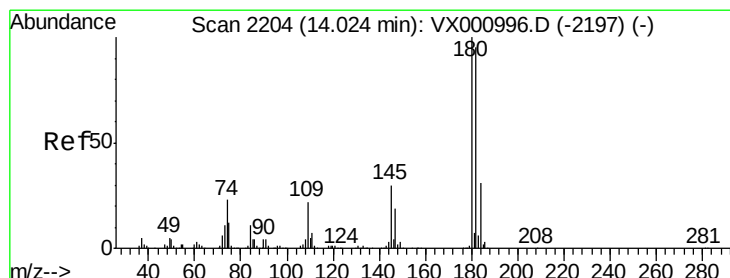
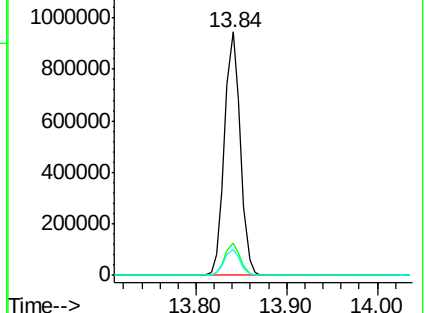
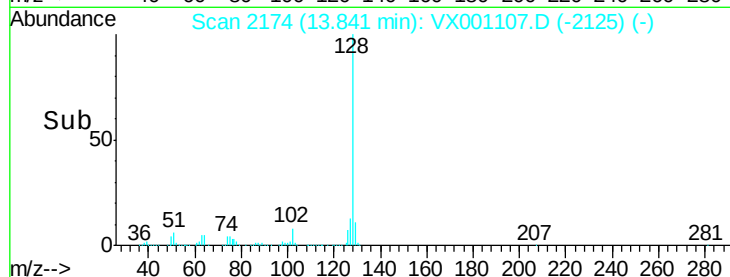
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.37 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001107.D

Acq: 25 Apr 2018 05:07

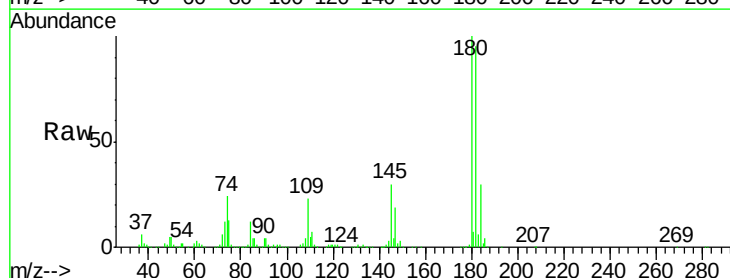
Tgt Ion:180 Resp: 316258

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.7

145 29.5 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

