

Data File : VX001110.D

Acq On : 25 Apr 2018 06:23

Operator : JC/MD

Sample : J2463-18MSD

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 38 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Quant Time: Apr 25 07:31:45 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	240659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	158844	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	5.51	113	129928	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	8.72	98	463693	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	191493	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158898	53.24	ug/l	98
3) Chloromethane	1.32	50	141955	51.08	ug/l	99
4) Vinyl Chloride	1.40	62	164585	57.14	ug/l	100
5) Bromomethane	1.64	94	95284	58.85	ug/l	100
6) Chloroethane	1.73	64	88397	51.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	231394	53.47	ug/l	97
8) Diethyl Ether	2.19	74	85113	53.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	127730	50.38	ug/l	98
10) Methyl Iodide	2.51	142	116277	47.01	ug/l	99
11) Tert butyl alcohol	3.07	59	143041	310.91	ug/l	100
12) 1,1-Dichloroethene	2.38	96	121048	51.62	ug/l	98
13) Acrolein	2.30	56	67722	462.75	ug/l	98
14) Allyl chloride	2.73	41	202894	47.81	ug/l	98
15) Acrylonitrile	3.15	53	351278	282.12	ug/l	99
16) Acetone	2.45	43	312958	272.43	ug/l	100
17) Carbon Disulfide	2.57	76	315944	47.28	ug/l	99
18) Methyl Acetate	2.78	43	211113	60.73	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	434813	55.16	ug/l	99
20) Methylene Chloride	2.86	84	134066	55.54	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	131630	50.43	ug/l	99
22) Diisopropyl ether	3.88	45	439730	53.53	ug/l	98
23) Vinyl Acetate	3.83	43	1696842	249.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236116	51.25	ug/l	99
25) 2-Butanone	4.71	43	496607	276.93	ug/l	99
26) 2,2-Dichloropropane	4.59	77	73713	18.60	ug/l	81
27) cis-1,2-Dichloroethene	4.60	96	227283	78.17	ug/l	91
28) Bromochloromethane	5.03	49	98316	55.49	ug/l	98
29) Tetrahydrofuran	5.17	42	325081	286.87	ug/l	99
30) Chloroform	5.23	83	252153	52.84	ug/l	98
31) Cyclohexane	5.59	56	210010	48.83	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	224951	52.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	183598	47.03	ug/l	100
37) Ethyl Acetate	4.87	43	187933	52.48	ug/l	99
38) Carbon Tetrachloride	5.79	117	198729	50.27	ug/l	100

Data File : VX001110.D

Acq On : 25 Apr 2018 06:23

Operator : JC/MD

Sample : J2463-18MSD

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 38 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

Quant Time: Apr 25 07:31:45 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)
39) Methylcyclohexane	7.47	83	211628	46.57	ug/l	99
40) Benzene	6.15	78	549845	50.66	ug/l	99
41) Methacrylonitrile	5.07	41	117287	52.44	ug/l	99
42) 1,2-Dichloroethane	6.21	62	214531	51.49	ug/l	99
43) Isopropyl Acetate	6.48	43	322456	52.48	ug/l	99
44) Trichloroethene	7.22	130	157064	47.36	ug/l	97
45) 1,2-Dichloropropane	7.52	63	140566	51.50	ug/l	98
46) Dibromomethane	7.67	93	98078	51.43	ug/l	99
47) Bromodichloromethane	7.91	83	187868	53.18	ug/l	100
48) Methyl methacrylate	7.79	41	176623	53.39	ug/l	98
49) 1,4-Dioxane	7.76	88	54789	1126.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1080127	289.53	ug/l	99
52) Toluene	8.79	92	360404	50.87	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	189159	44.77	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	182031	45.69	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	145659	51.73	ug/l	99
56) Ethyl methacrylate	9.19	69	222371	53.77	ug/l	98
57) 1,3-Dichloropropane	9.38	76	240882	51.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.26	63	835	0.41	ug/l #	45
59) 2-Hexanone	9.51	43	815297	285.52	ug/l	99
60) Dibromochloromethane	9.59	129	160718	54.34	ug/l	99
61) 1,2-Dibromoethane	9.68	107	157201	52.90	ug/l	100
64) Tetrachloroethene	9.34	164	155119	45.56	ug/l	98
65) Chlorobenzene	10.15	112	576108	67.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	155250	52.98	ug/l	99
67) Ethyl Benzene	10.26	91	702755	49.57	ug/l	98
68) m/p-Xylenes	10.37	106	554574	99.25	ug/l	99
69) o-Xylene	10.71	106	272803	50.64	ug/l	99
70) Styrene	10.72	104	450492	50.78	ug/l	99
71) Bromoform	10.87	173	132638	48.69	ug/l	100
73) Isopropylbenzene	11.02	105	729421	50.25	ug/l	99
74) N-amyl acetate	6.48	43	322456	51.93	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	228038	55.49	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	236548	61.40	ug/l	87
77) Bromobenzene	11.26	156	209523	49.72	ug/l	99
78) n-propylbenzene	11.37	91	819998	49.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	496120	50.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	624298	50.73	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	41412	34.09	ug/l	95
82) 4-Chlorotoluene	11.52	91	590168	49.60	ug/l	99
83) tert-Butylbenzene	11.77	119	648117	52.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	647091	51.10	ug/l	99
85) sec-Butylbenzene	11.95	105	747809	50.47	ug/l	99
86) p-Isopropyltoluene	12.07	119	678075	49.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	388298	49.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	457242	56.47	ug/l	100
89) n-Butylbenzene	12.40	91	575167	47.16	ug/l	100
90) Hexachloroethane	12.60	117	105333	54.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	404297	52.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50350	58.48	ug/l	97

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

Data File : VX001110.D
Acq On : 25 Apr 2018 06:23
Operator : JC/MD
Sample : J2463-18MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Quant Time: Apr 25 07:31:45 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	299145	46.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	143544	49.48	ug/l	99
95) Naphthalene	13.84	128	850613	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	303782	48.99	ug/l	99

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

Data File : VX001110.D

Acq On : 25 Apr 2018 06:23

Operator : JC/MD

Sample : J2463-18MSD

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

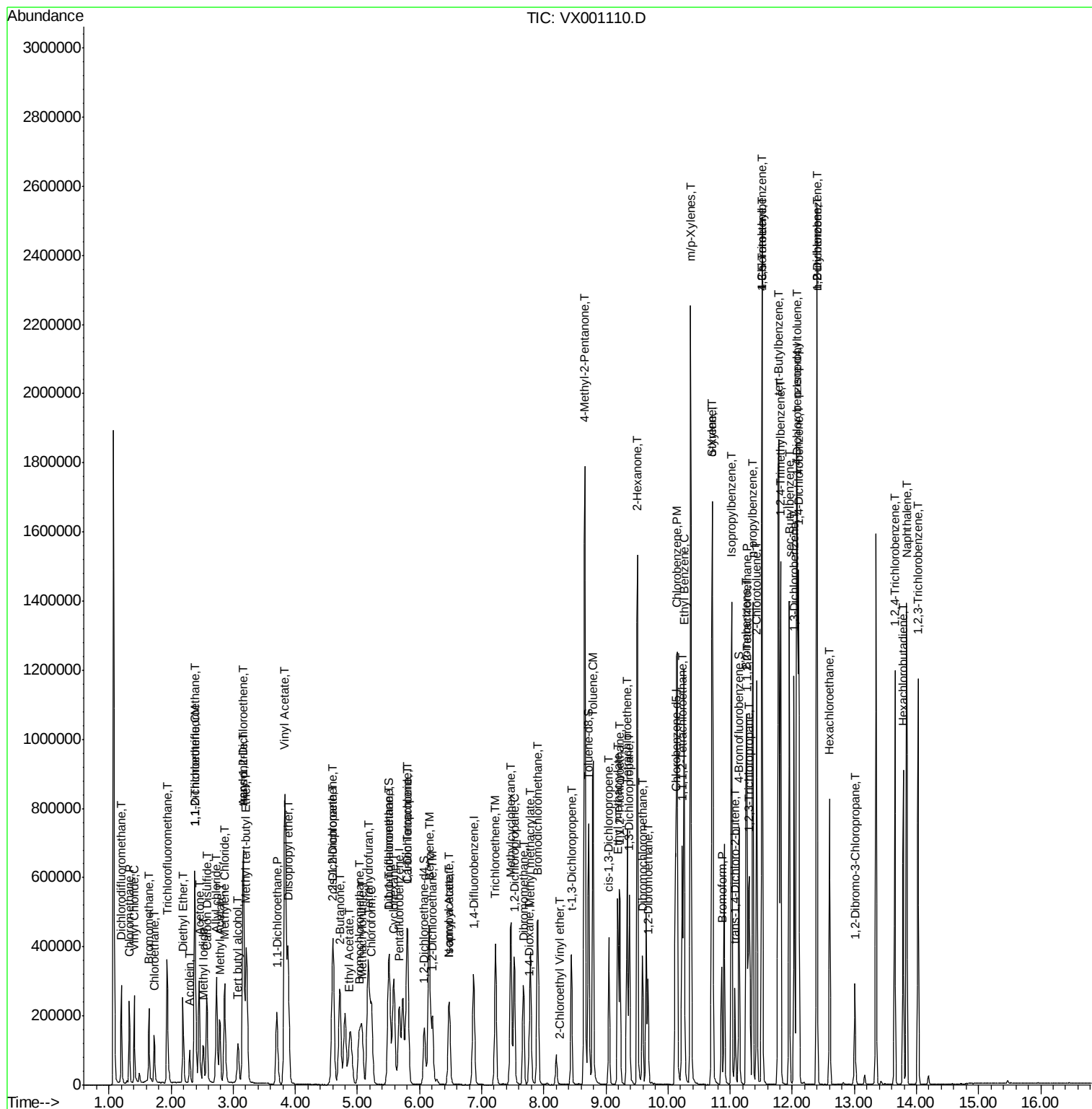
Quant Time: Apr 25 07:31:45 2018

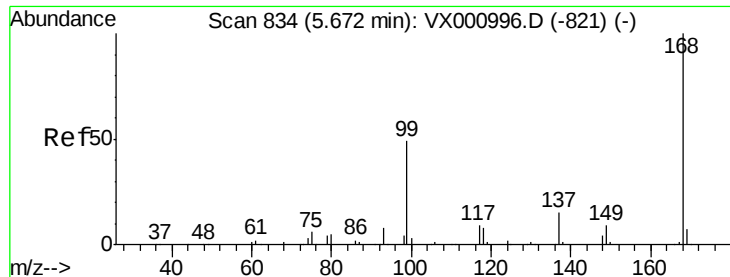
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

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

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

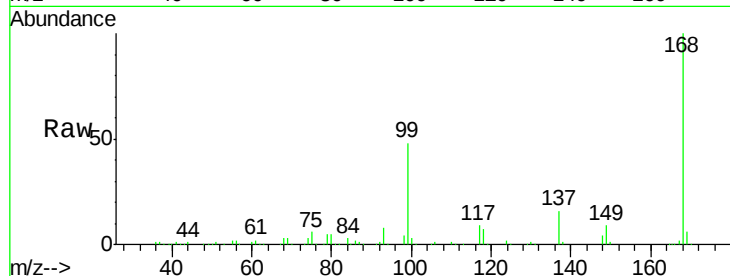
LF015MW001-180416MSD

Tgt Ion:168 Resp: 240659

Ion Ratio Lower Upper

168 100

99 48.0 39.2 58.8

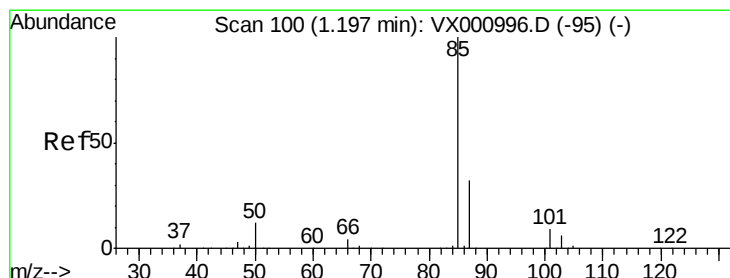
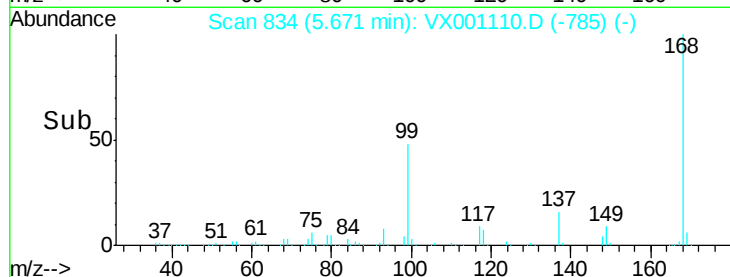


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001110.D

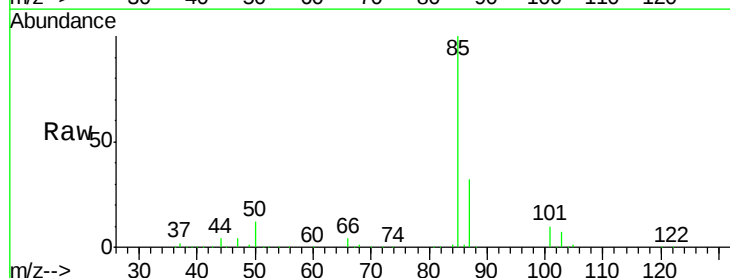
Acq: 25 Apr 2018 06:23

Tgt Ion: 85 Resp: 158898

Ion Ratio Lower Upper

85 100

87 32.5 15.8 47.4

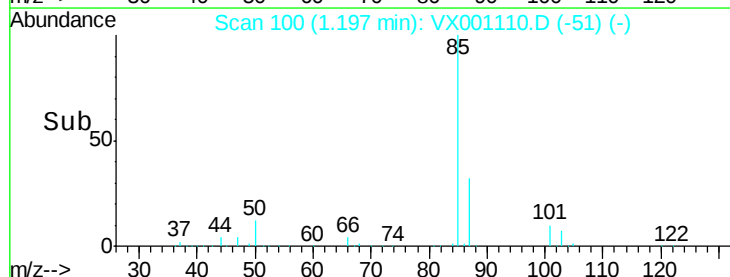


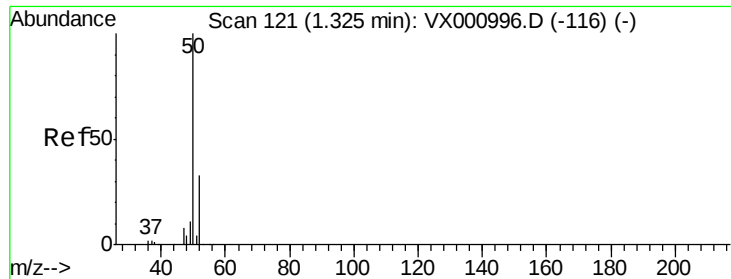
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 51.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

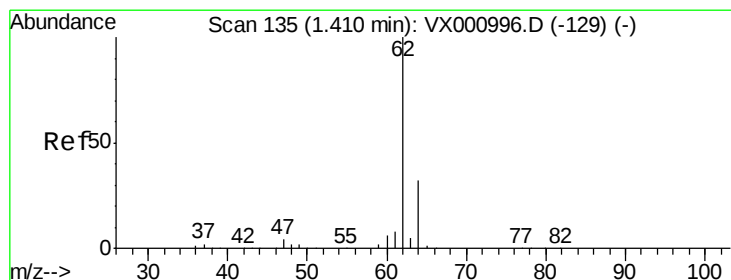
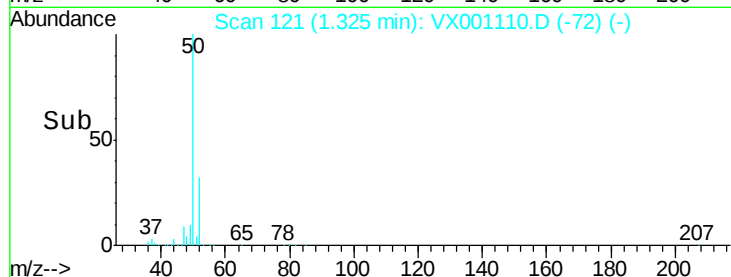
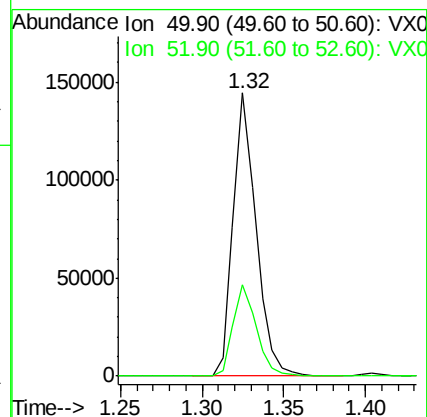
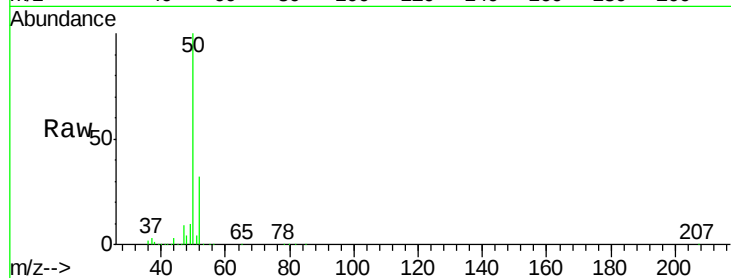
LF015MW001-180416MSD

Tgt Ion: 50 Resp: 141955

Ion Ratio Lower Upper

50 100

52 32.1 26.3 39.5



#4

Vinyl Chloride

Concen: 57.14 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001110.D

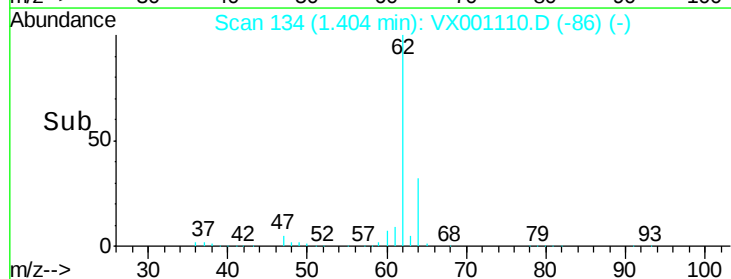
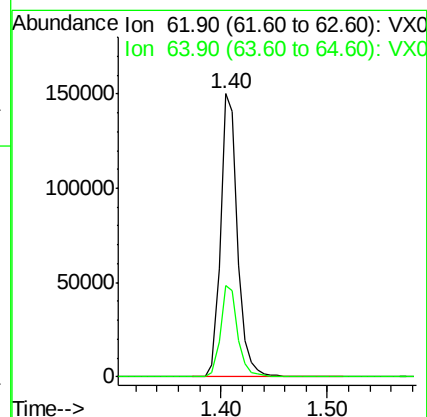
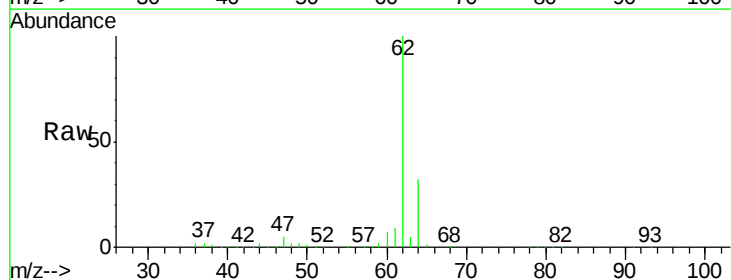
Acq: 25 Apr 2018 06:23

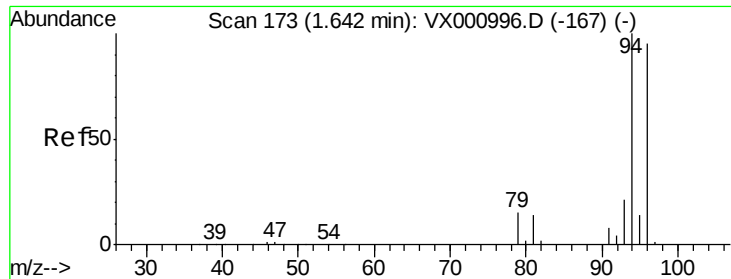
Tgt Ion: 62 Resp: 164585

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4

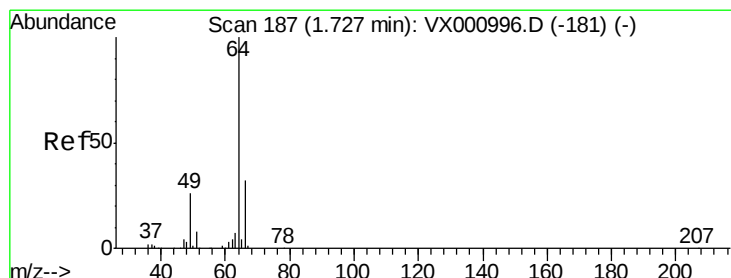
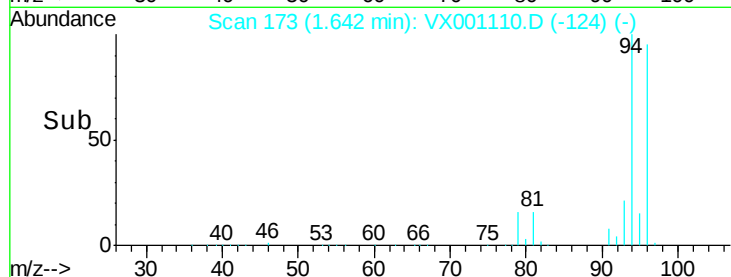
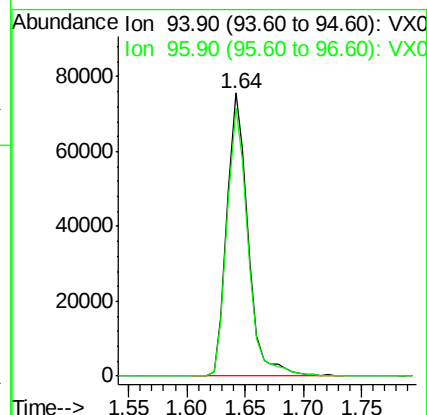
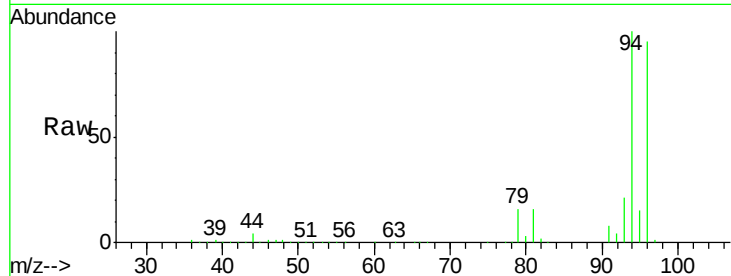




#5
Bromomethane
Concen: 58.85 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

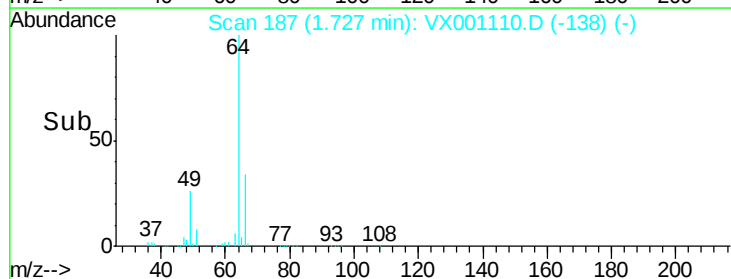
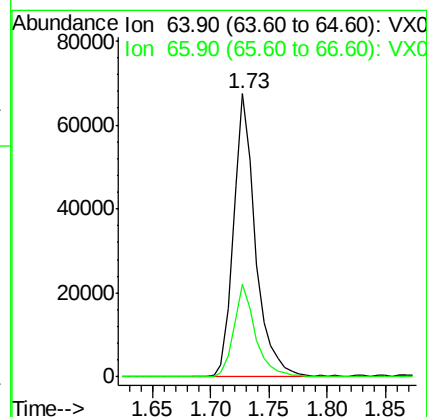
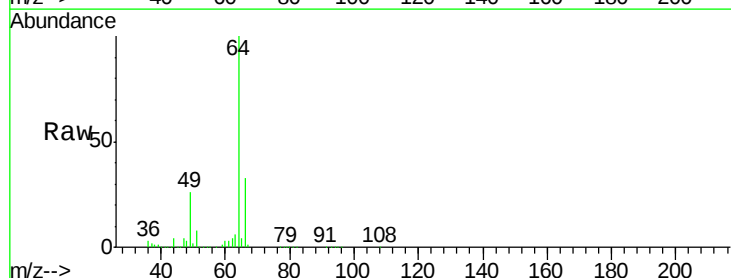
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

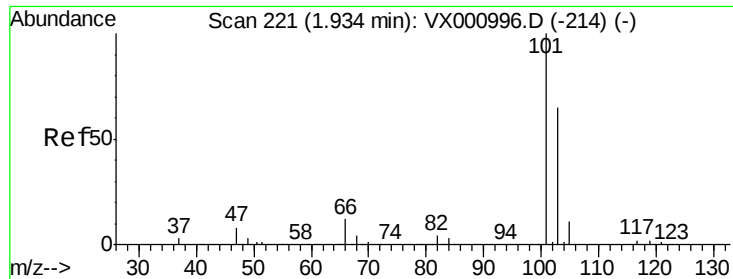
Tgt Ion: 94 Resp: 95284
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0



#6
Chloroethane
Concen: 51.64 ug/l
RT: 1.73 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 64 Resp: 88397
Ion Ratio Lower Upper
64 100
66 32.7 25.3 37.9





#7

Trichlorofluoromethane

Concen: 53.47 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

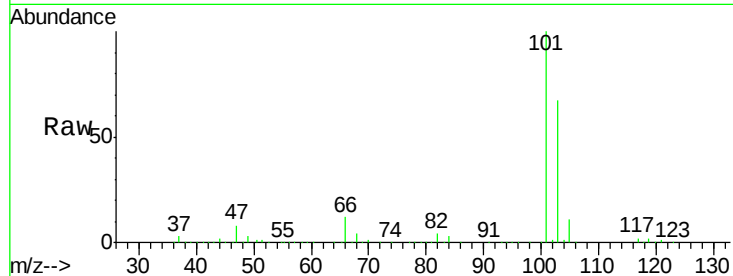
LF015MW001-180416MSD

Tgt Ion:101 Resp: 231394

Ion Ratio Lower Upper

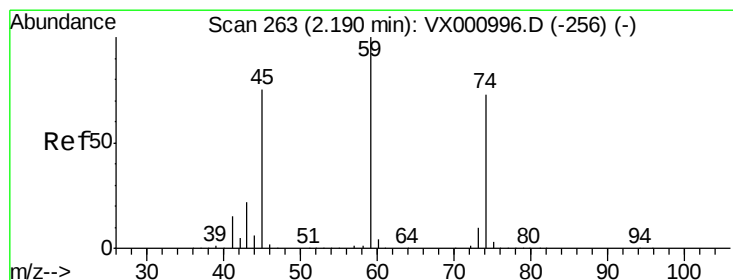
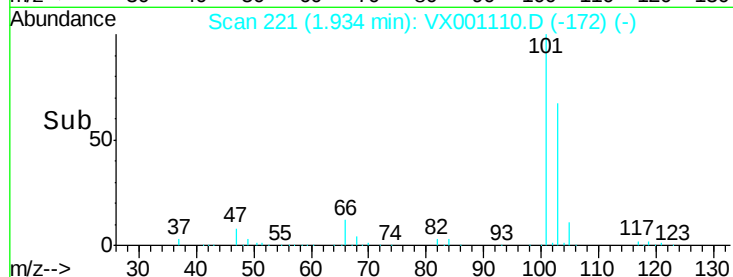
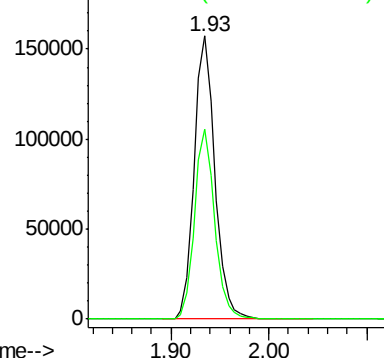
101 100

103 67.0 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 53.25 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX001110.D

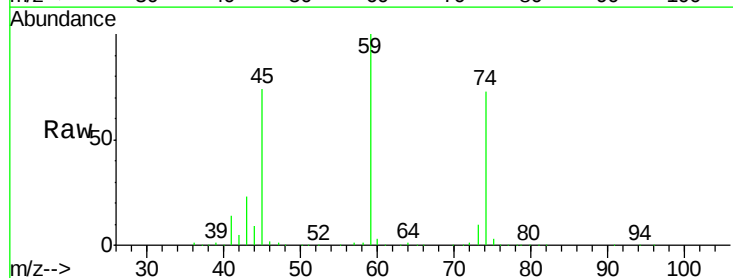
Acq: 25 Apr 2018 06:23

Tgt Ion: 74 Resp: 85113

Ion Ratio Lower Upper

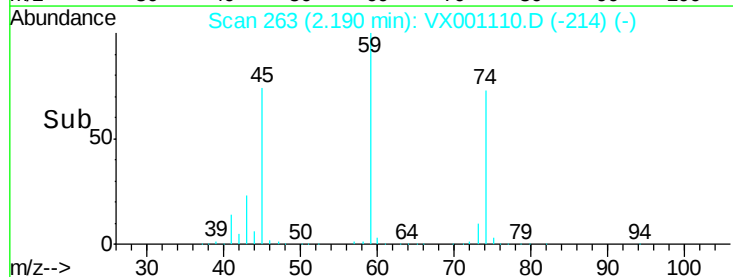
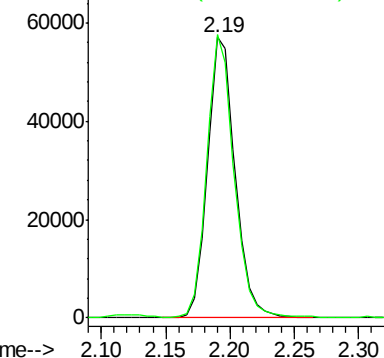
74 100

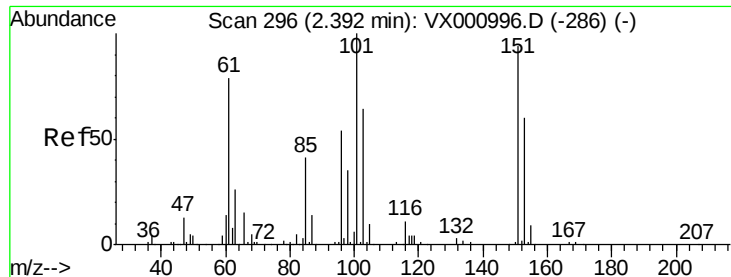
45 98.8 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.38 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

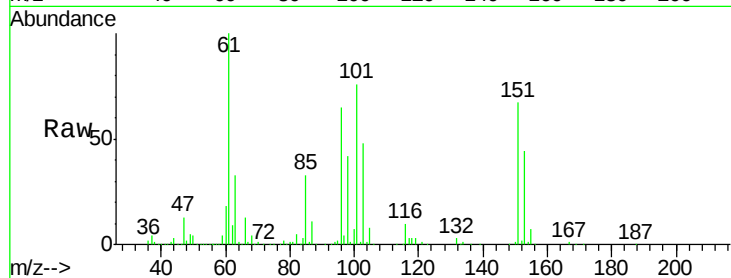
Tgt Ion:101 Resp: 127730

Ion Ratio Lower Upper

101 100

85 43.9 33.9 50.9

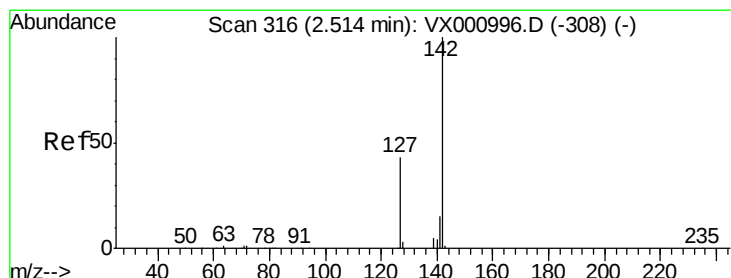
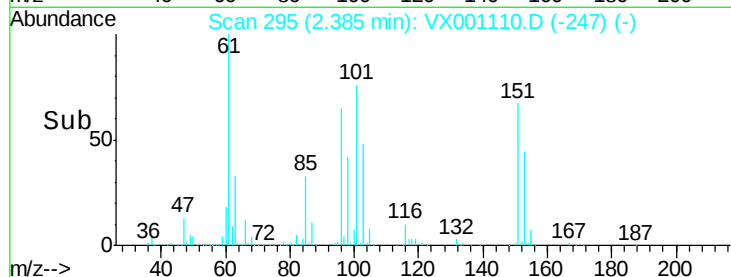
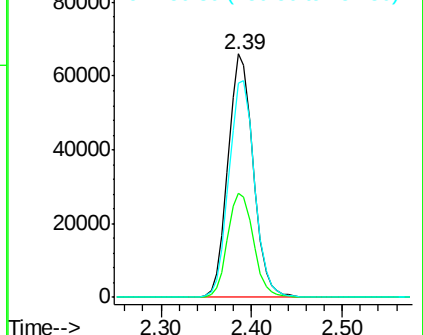
151 90.6 73.5 110.3



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: 47.01 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

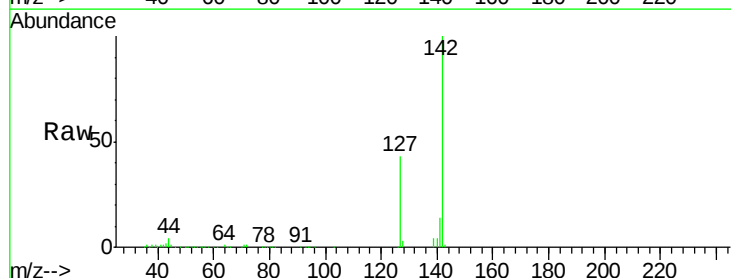
Tgt Ion:142 Resp: 116277

Ion Ratio Lower Upper

142 100

127 42.2 34.0 51.0

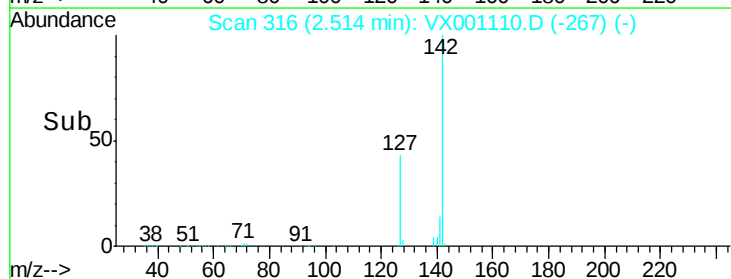
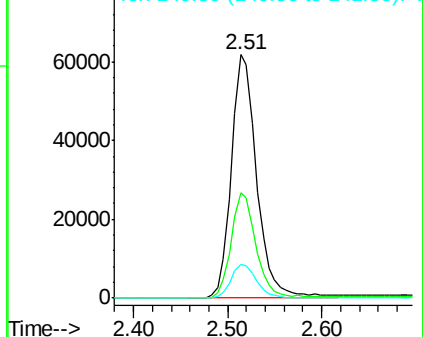
141 14.0 11.4 17.2

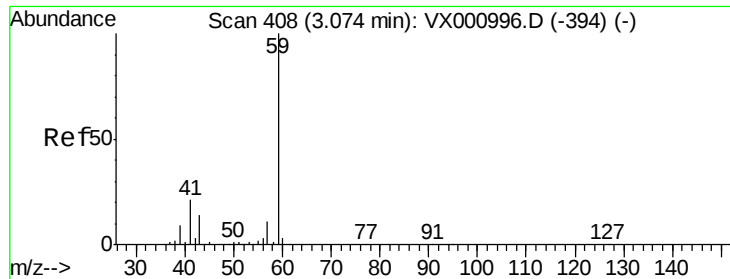


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

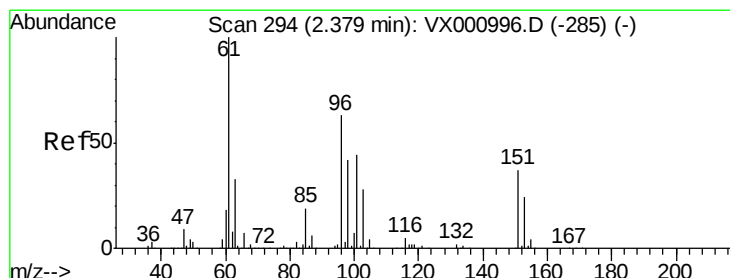
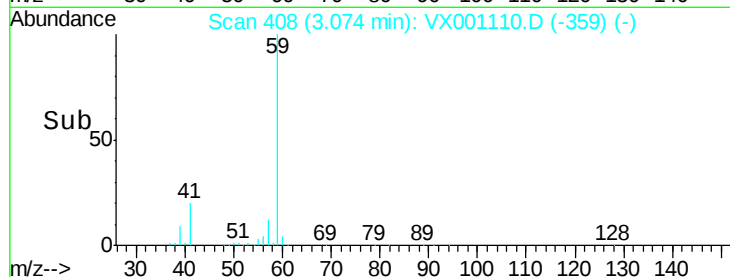
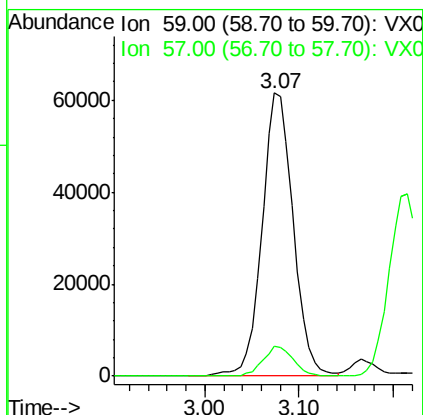
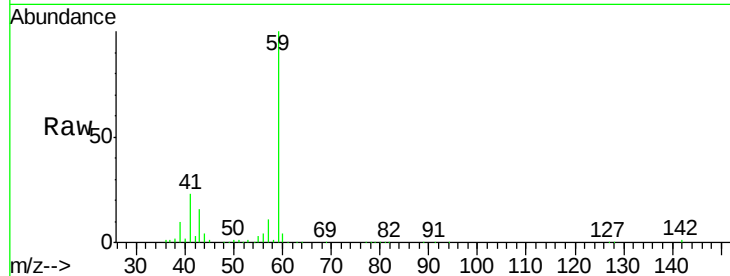




#11
Tert butyl alcohol
Concen: 310.91 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

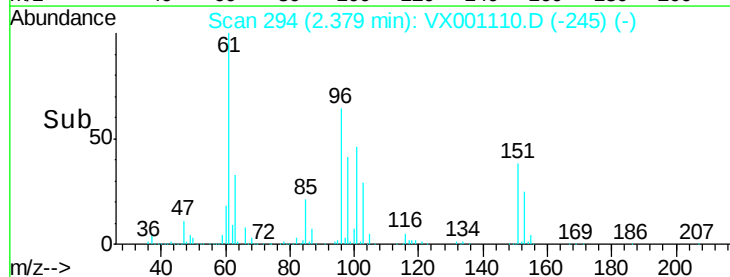
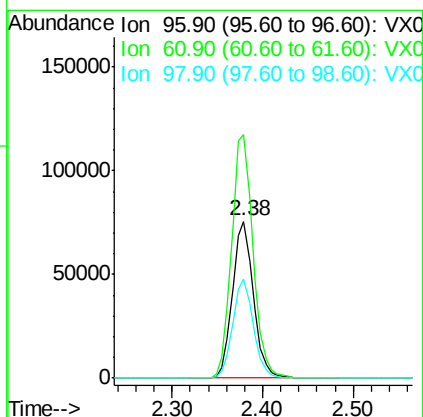
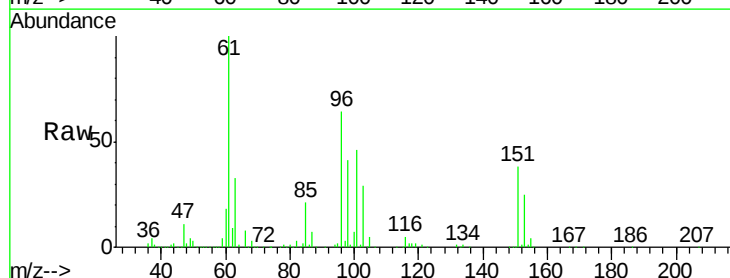
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

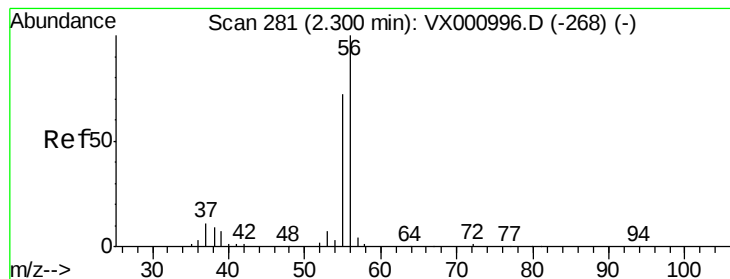
Tgt Ion: 59 Resp: 143041
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 51.62 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 96 Resp: 121048
Ion Ratio Lower Upper
96 100
61 155.4 126.4 189.6
98 63.5 52.6 78.8





#13

Acrolein

Concen: 462.75 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

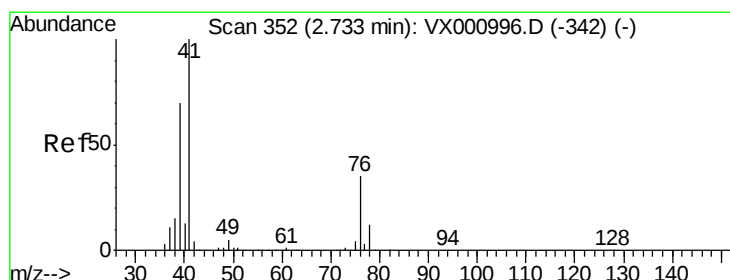
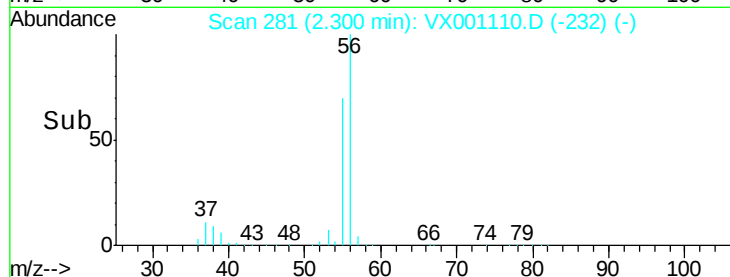
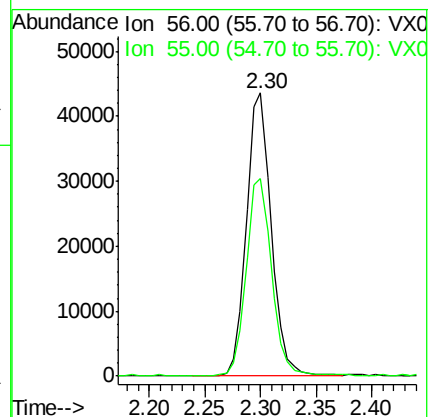
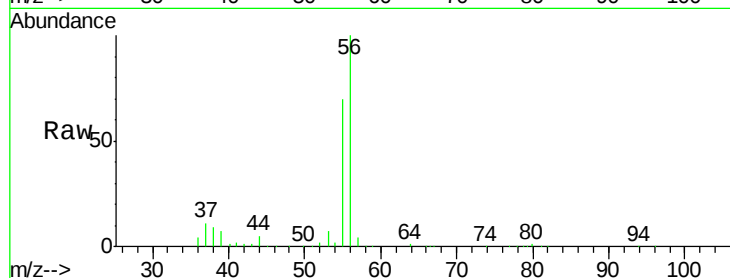
LF015MW001-180416MSD

Tgt Ion: 56 Resp: 67722

Ion Ratio Lower Upper

56 100

55 70.5 57.4 86.2



#14

Allyl chloride

Concen: 47.81 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

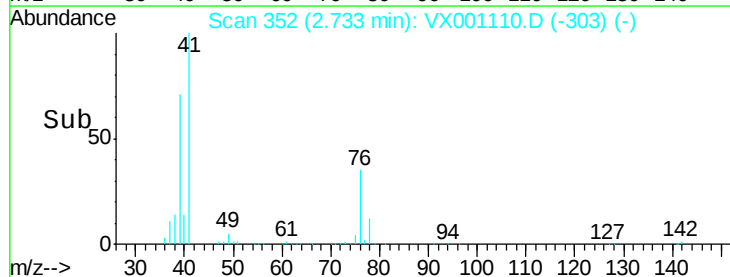
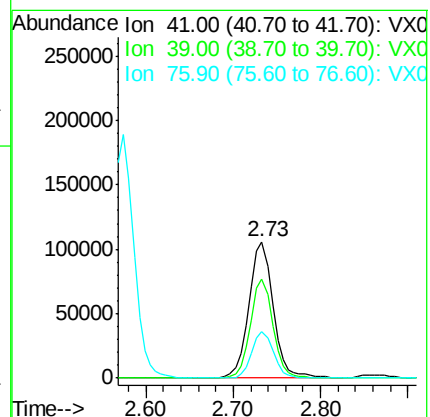
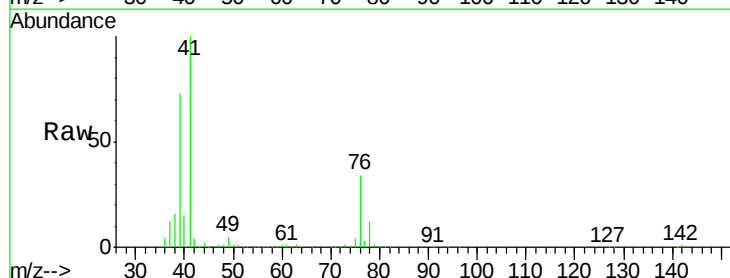
Tgt Ion: 41 Resp: 202894

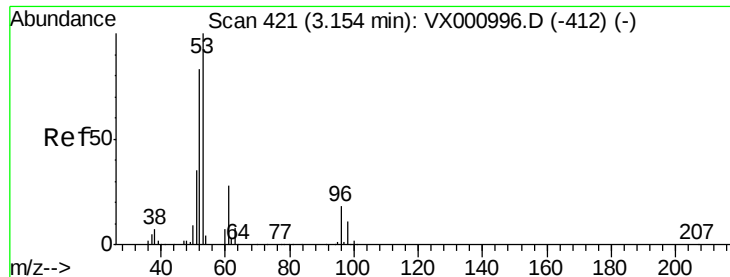
Ion Ratio Lower Upper

41 100

39 67.8 53.0 79.6

76 30.9 25.9 38.9





#15

Acrylonitrile

Concen: 282.12 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

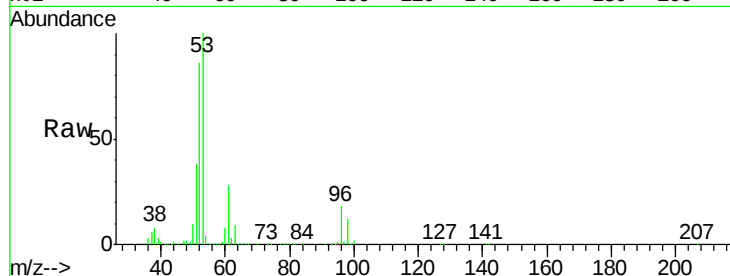
Tgt Ion: 53 Resp: 351278

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

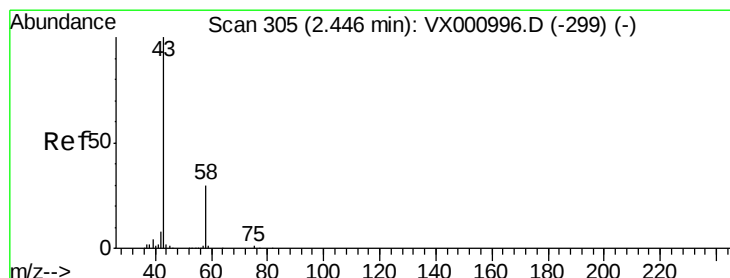
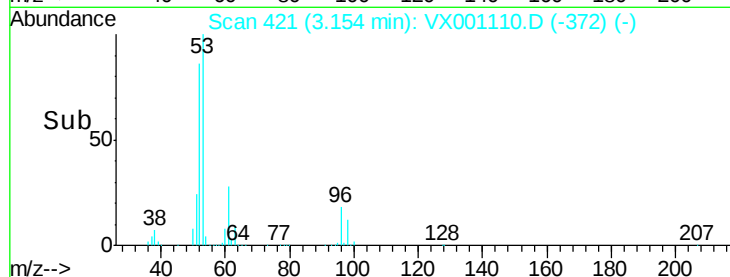
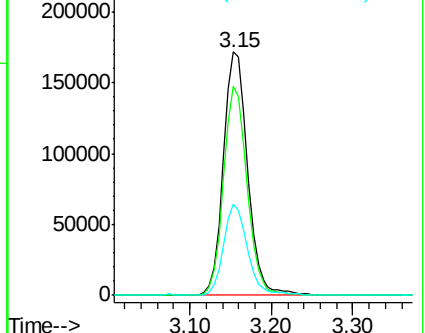
51 37.1 29.0 43.6



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: 272.43 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001110.D

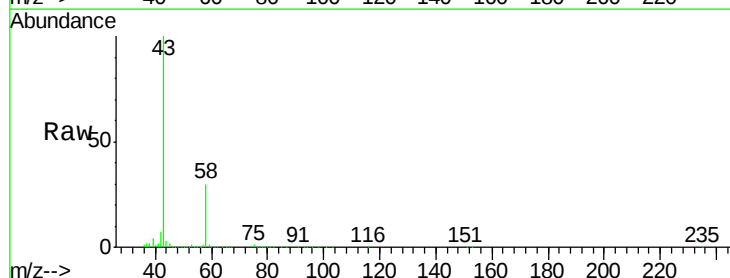
Acq: 25 Apr 2018 06:23

Tgt Ion: 43 Resp: 312958

Ion Ratio Lower Upper

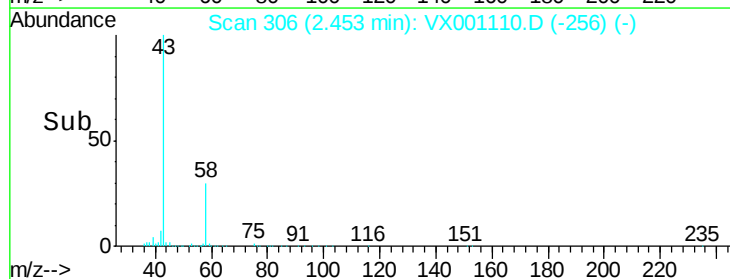
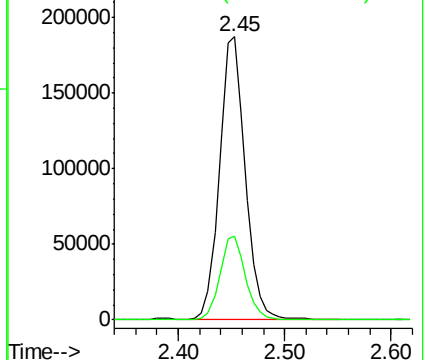
43 100

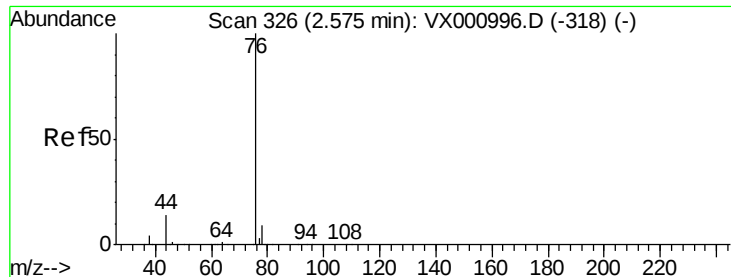
58 29.7 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

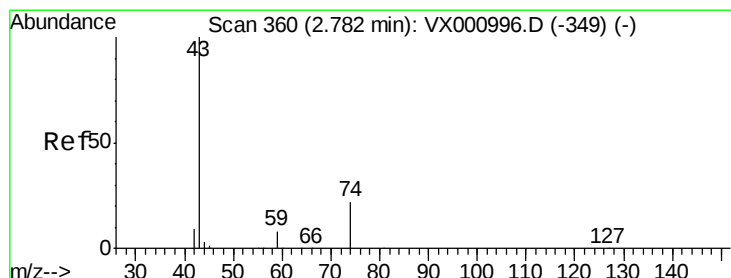
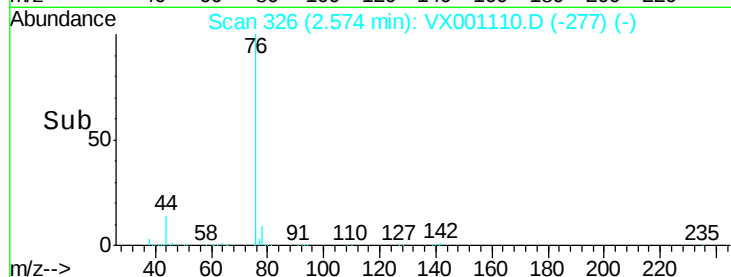
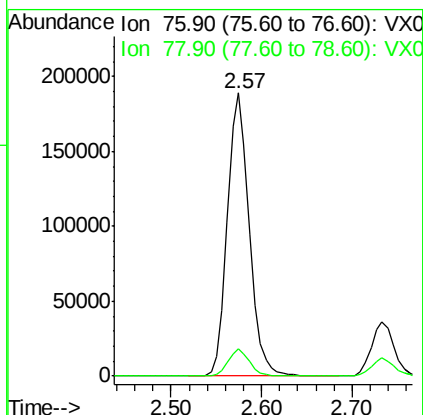
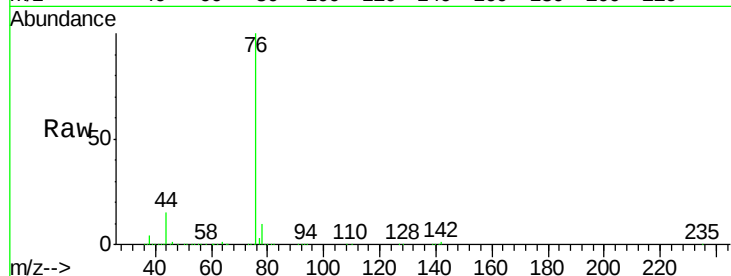




#17
Carbon Disulfide
Concen: 47.28 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

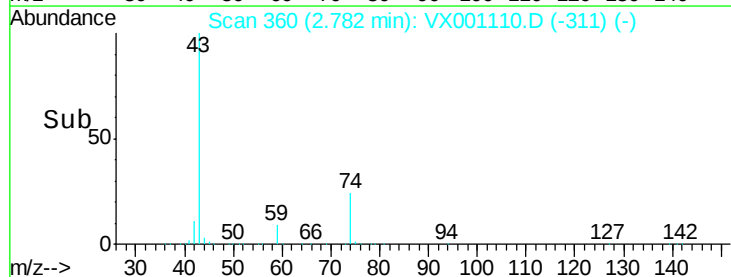
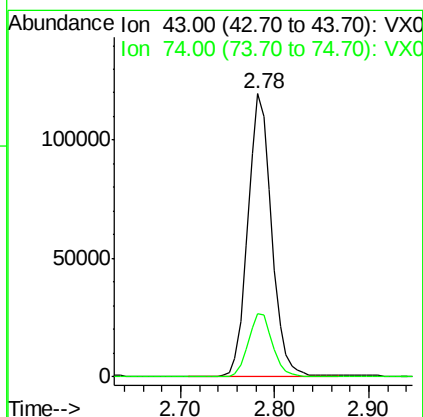
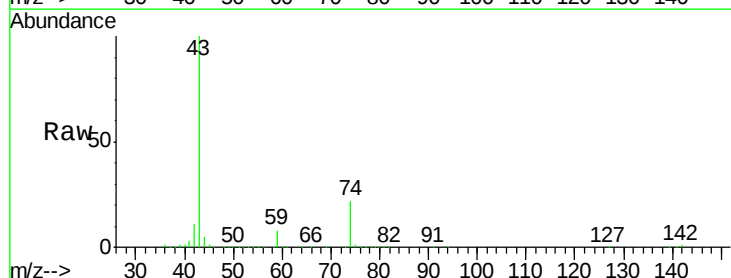
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

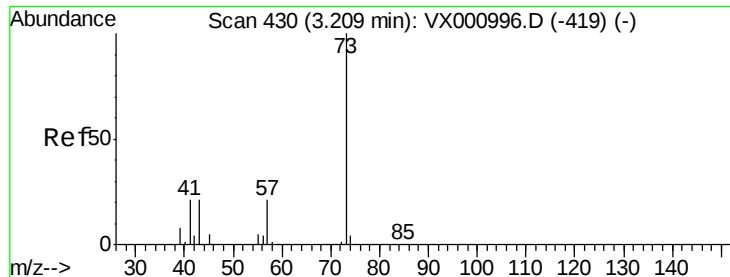
Tgt Ion: 76 Resp: 315944
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 60.73 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 43 Resp: 211113
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 55.16 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

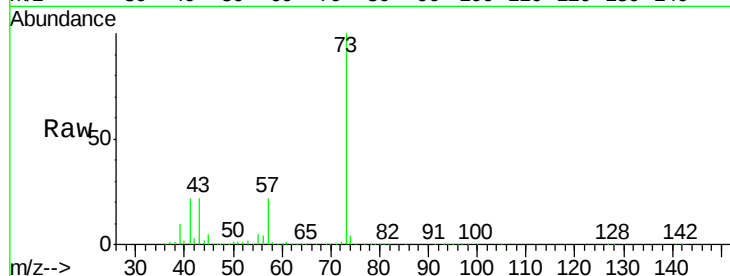
LF015MW001-180416MSD

Tgt Ion: 73 Resp: 434813

Ion Ratio Lower Upper

73 100

57 21.7 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

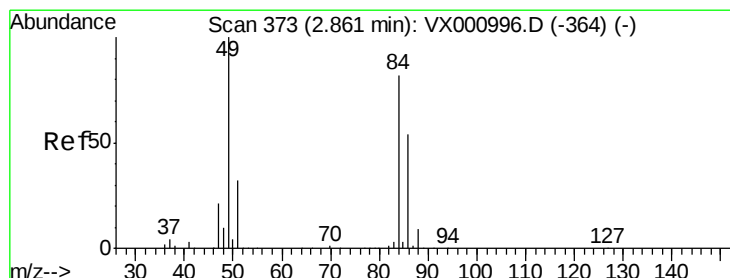
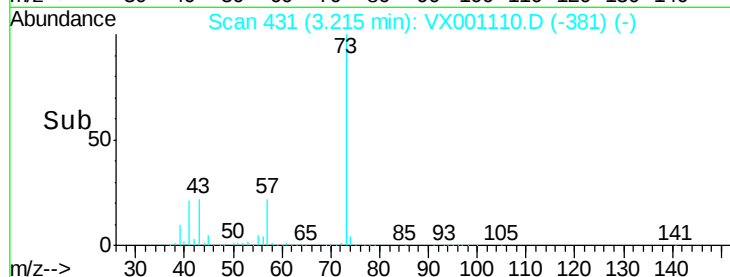
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 55.54 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion: 84 Resp: 134066

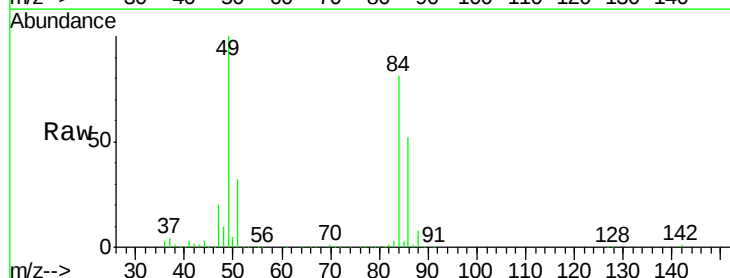
Ion Ratio Lower Upper

84 100

49 124.0 97.1 145.7

51 39.1 30.8 46.2

86 64.5 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

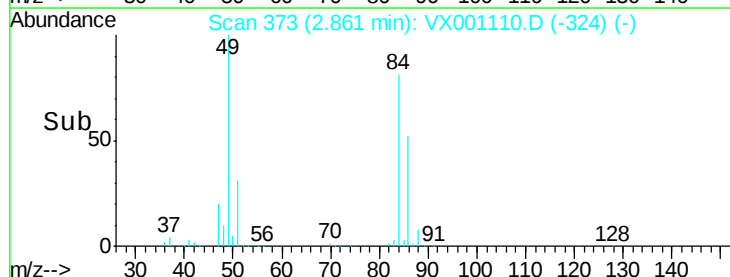
Ion 85.90 (85.60 to 86.60): VX0

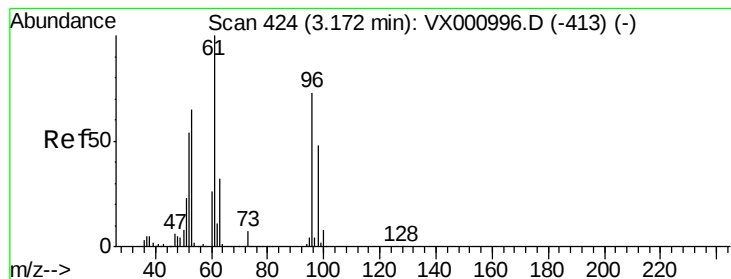
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

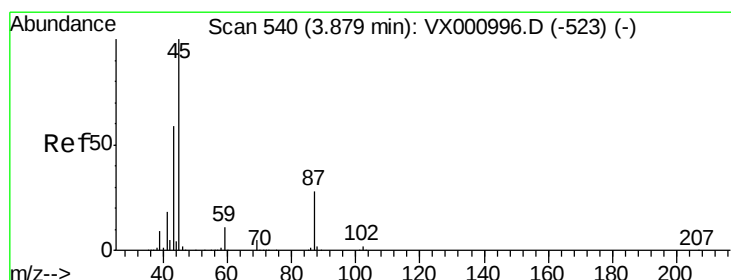
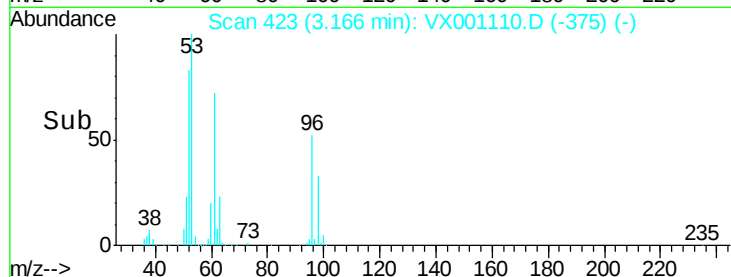
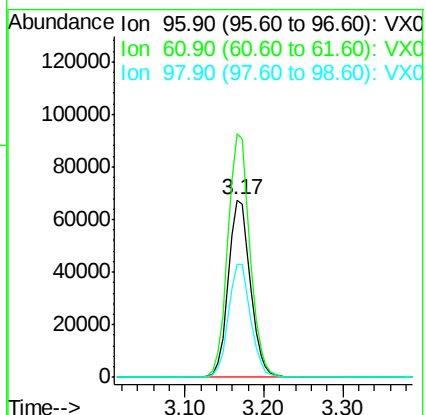
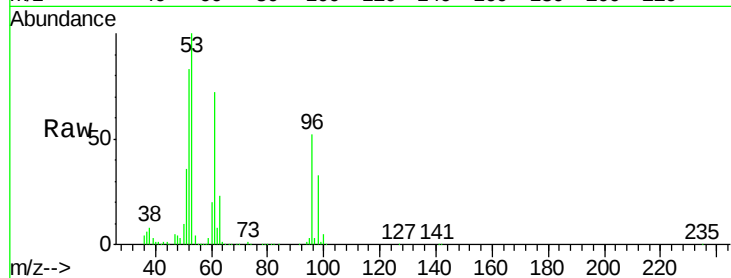
Tgt Ion: 96 Resp: 131630

Ion Ratio Lower Upper

96 100

61 137.1 109.4 164.2

98 63.6 52.6 78.8



#22

Diisopropyl ether

Concen: 53.53 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion: 45 Resp: 439730

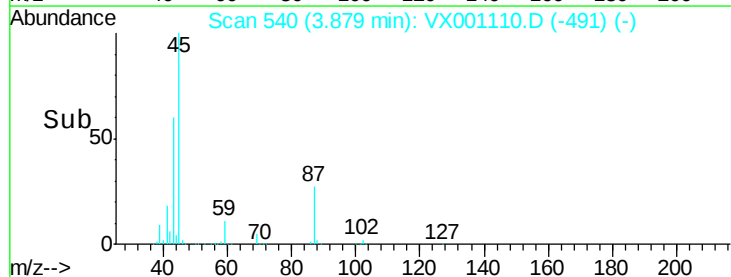
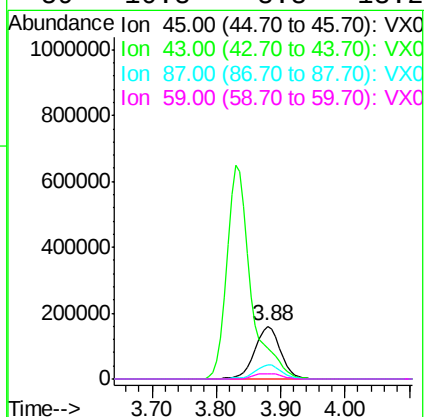
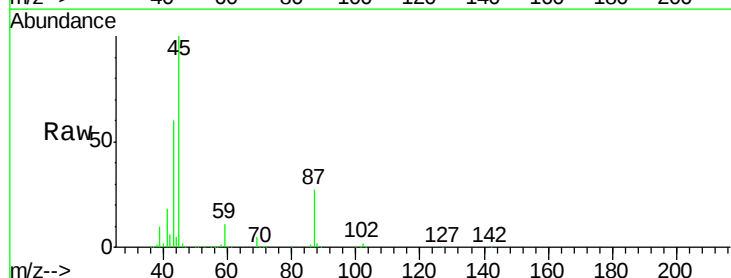
Ion Ratio Lower Upper

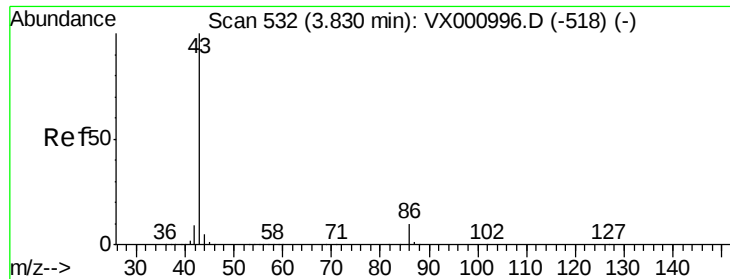
45 100

43 59.5 47.0 70.4

87 26.5 22.5 33.7

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 249.51 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

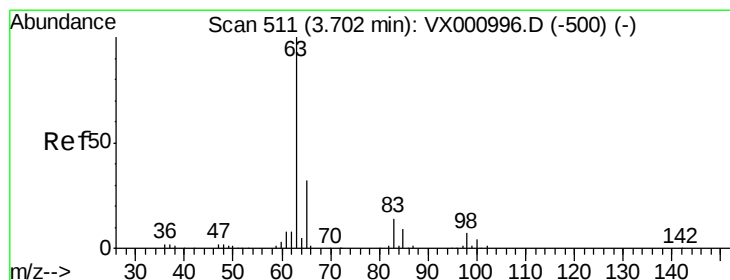
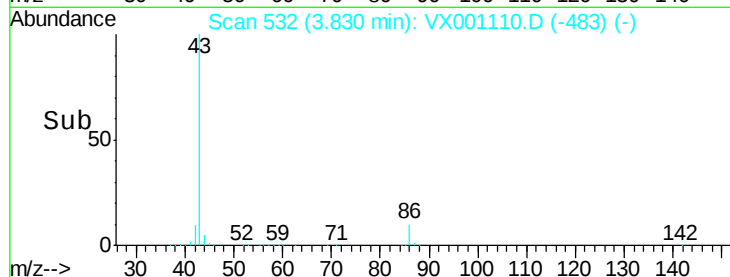
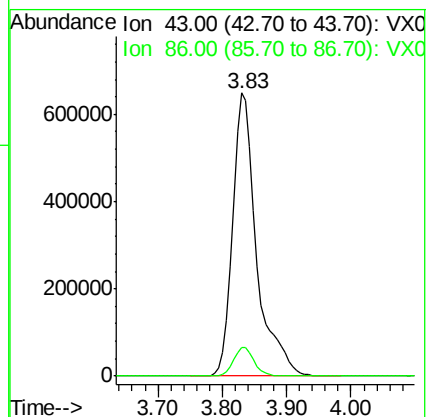
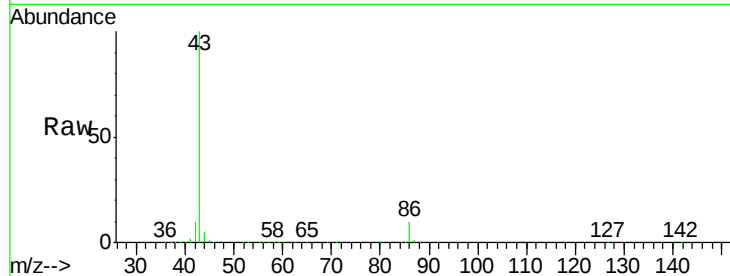
LF015MW001-180416MSD

Tgt Ion: 43 Resp: 1696842

Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 51.25 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

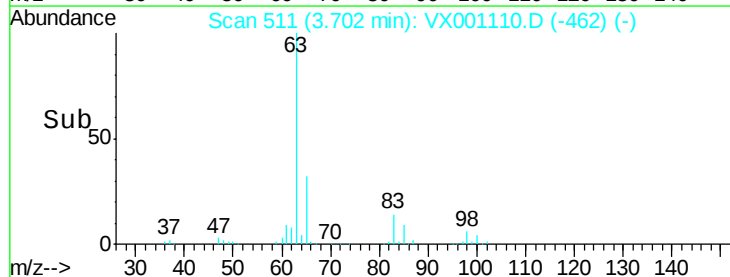
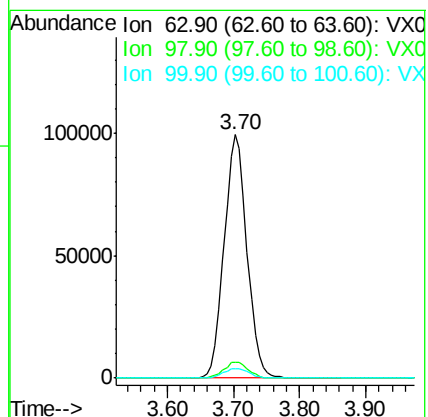
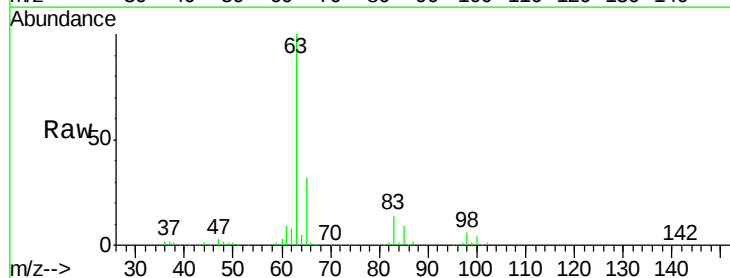
Tgt Ion: 63 Resp: 236116

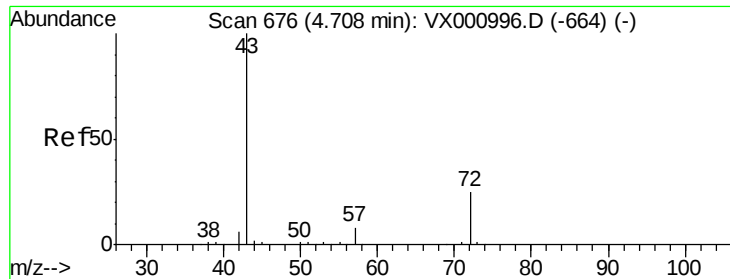
Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 276.93 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

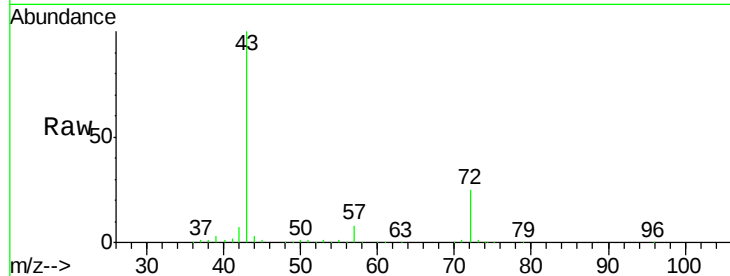
LF015MW001-180416MSD

Tgt Ion: 43 Resp: 496607

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

100000

50000

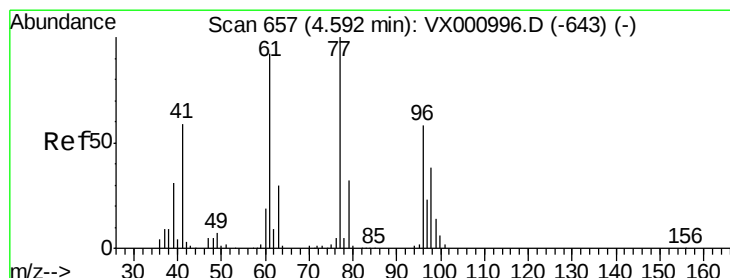
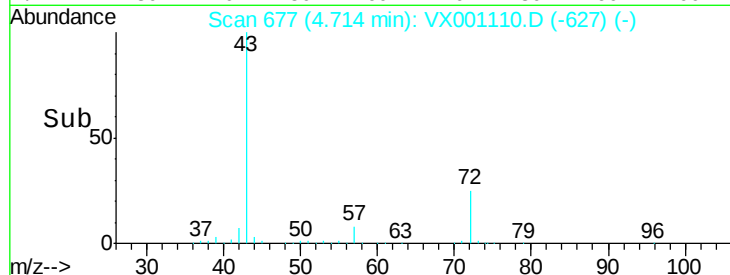
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.60 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001110.D

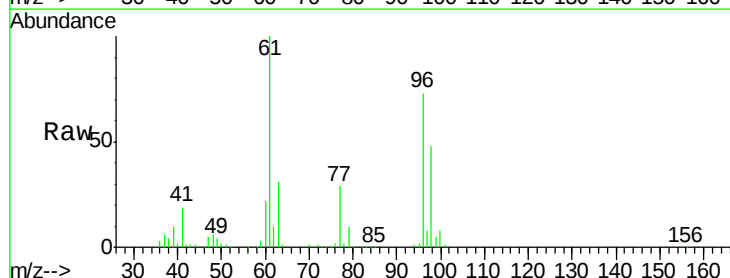
Acq: 25 Apr 2018 06:23

Tgt Ion: 77 Resp: 73713

Ion Ratio Lower Upper

77 100

97 32.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

25000

20000

15000

10000

5000

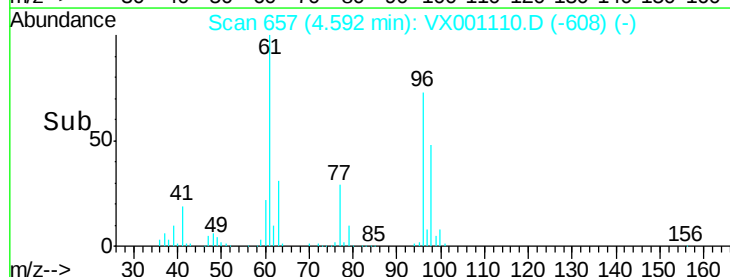
0

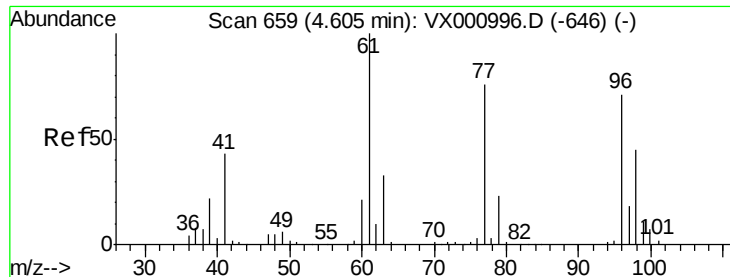
4.50

4.60

4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 78.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

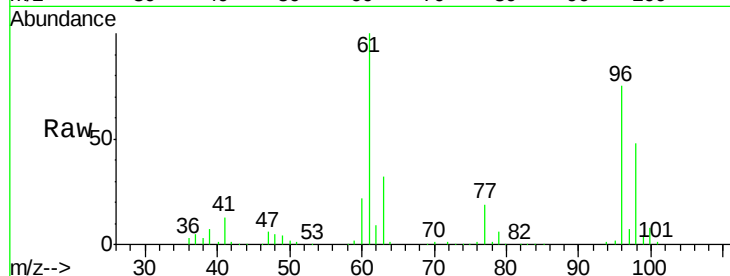
Tgt Ion: 96 Resp: 227283

Ion Ratio Lower Upper

96 100

61 132.0 0.0 297.0

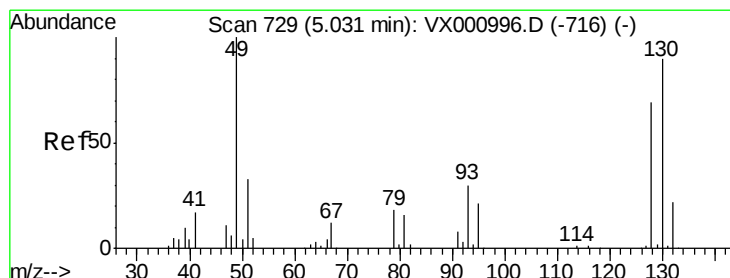
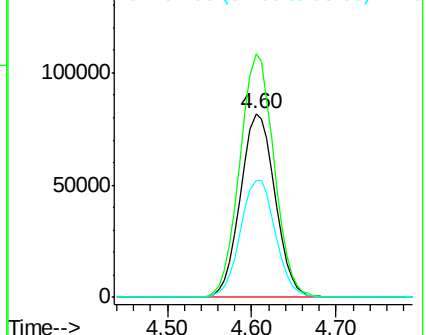
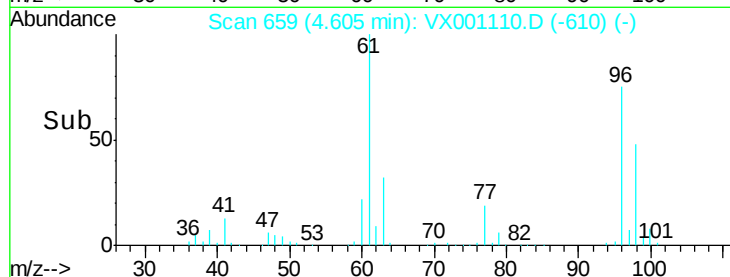
98 64.6 0.0 130.0



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



#28

Bromochloromethane

Concen: 55.49 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

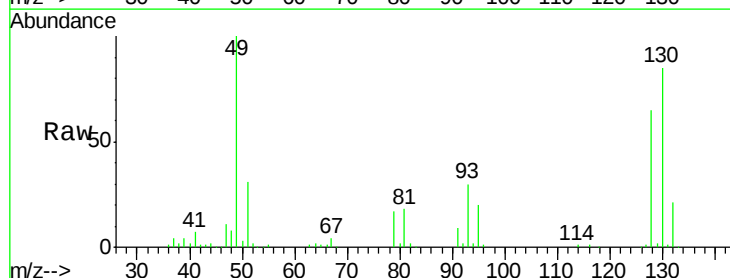
Tgt Ion: 49 Resp: 98316

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

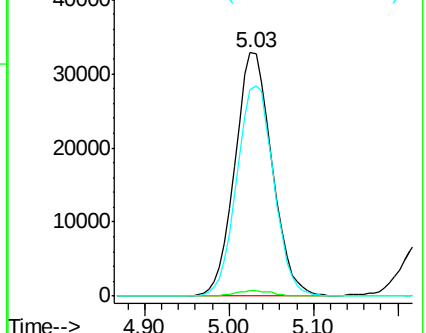
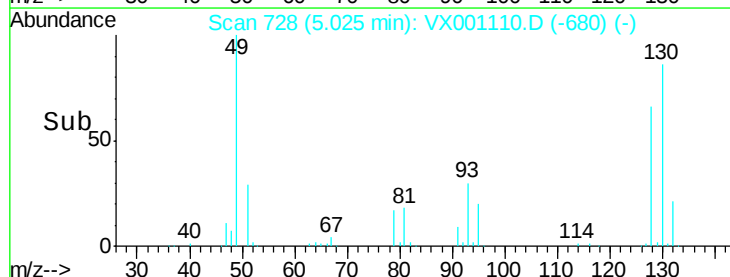
130 86.2 70.6 105.8

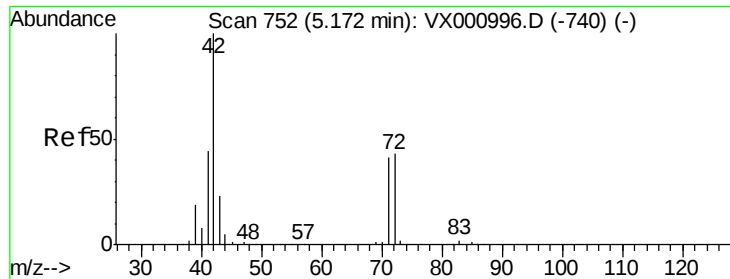


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

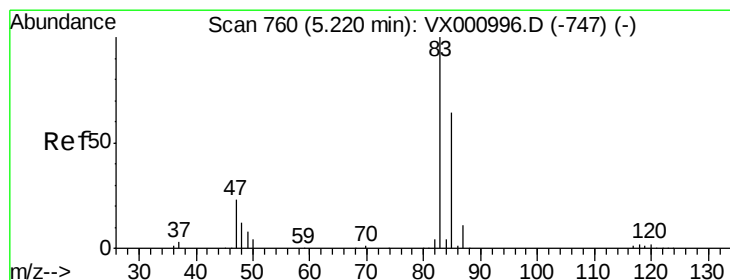
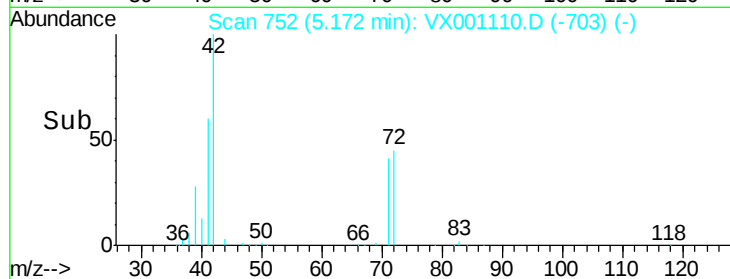
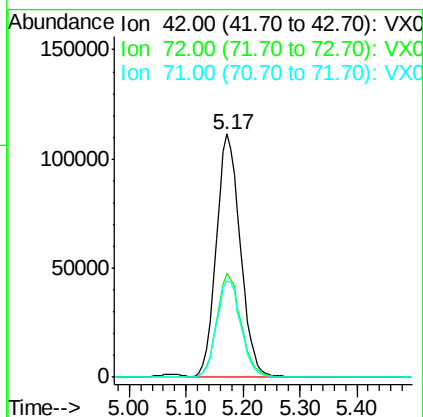
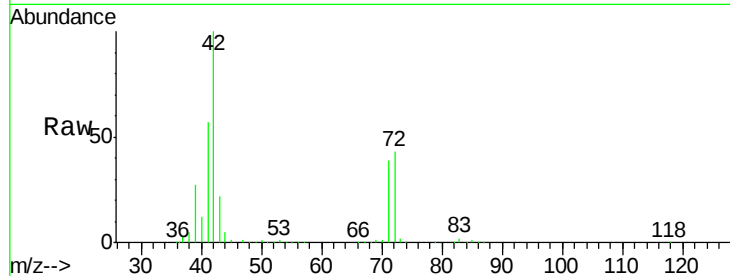




#29
Tetrahydrofuran
Concen: 286.87 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

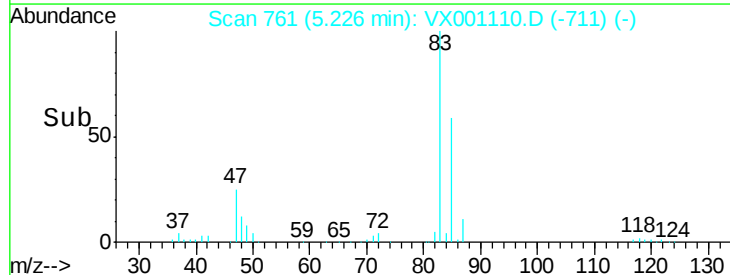
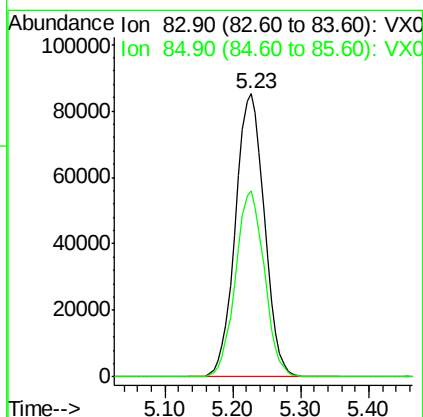
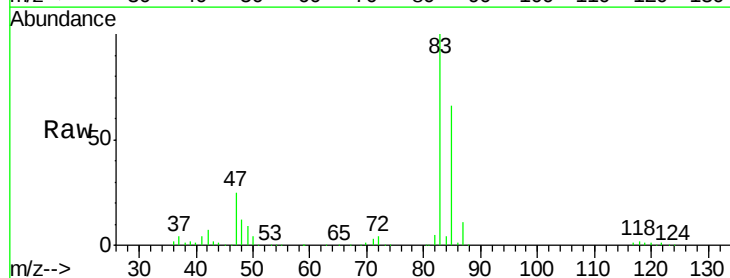
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

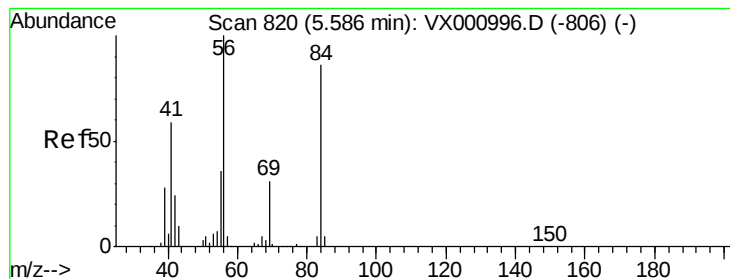
Tgt Ion: 42 Resp: 325081
Ion Ratio Lower Upper
42 100
72 42.9 34.6 52.0
71 40.2 32.6 49.0



#30
Chloroform
Concen: 52.84 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 83 Resp: 252153
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9





#31

Cyclohexane

Concen: 48.83 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

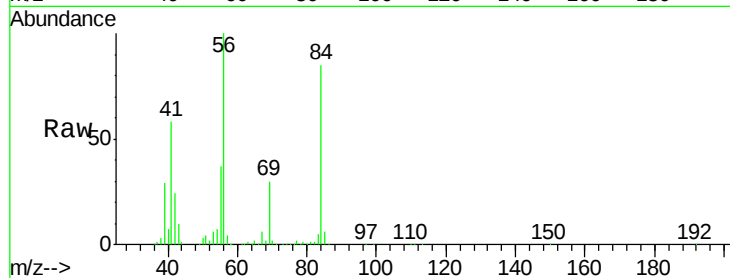
Tgt Ion: 56 Resp: 210010

Ion Ratio Lower Upper

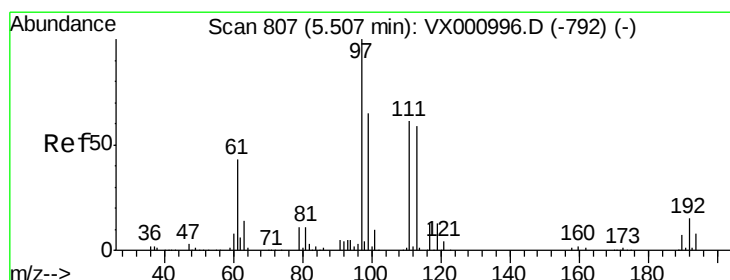
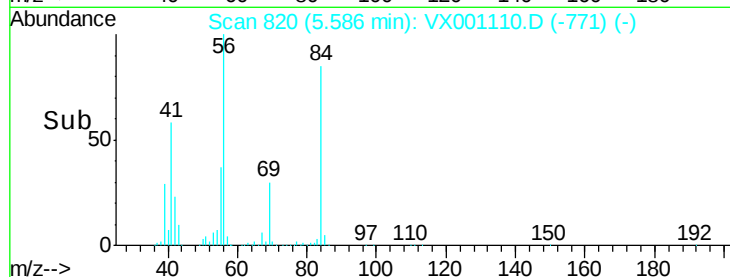
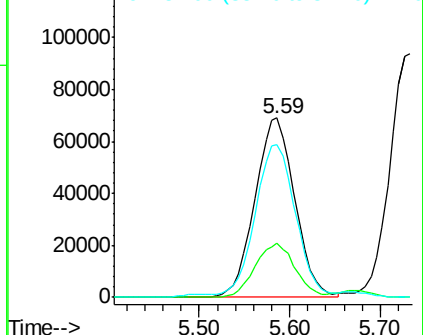
56 100

69 30.1 24.6 36.8

84 83.8 69.0 103.6



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



#32

1,1,1-Trichloroethane

Concen: 52.58 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

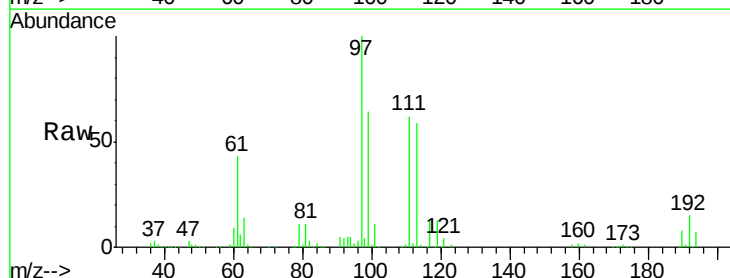
Tgt Ion: 97 Resp: 224951

Ion Ratio Lower Upper

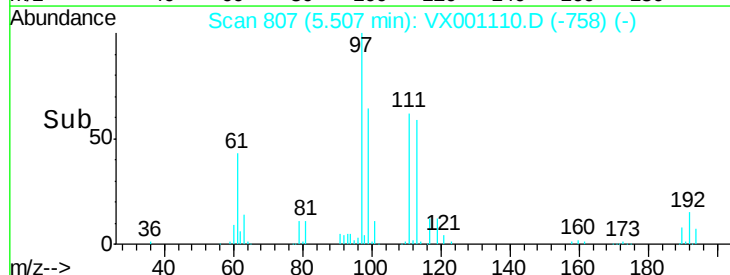
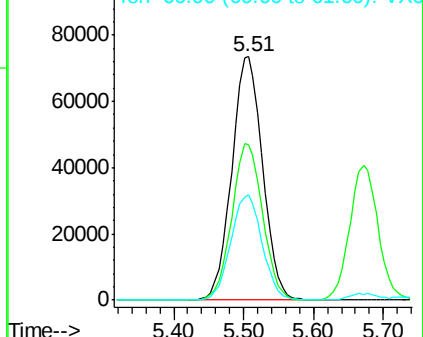
97 100

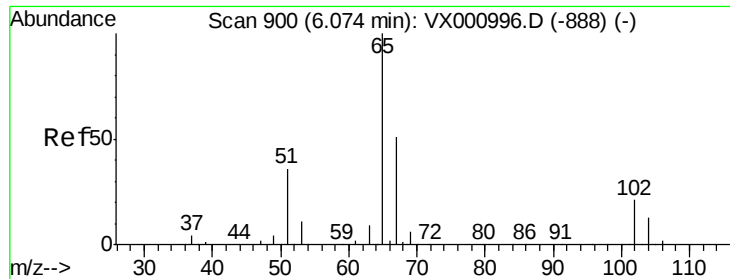
99 64.3 51.1 76.7

61 43.9 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

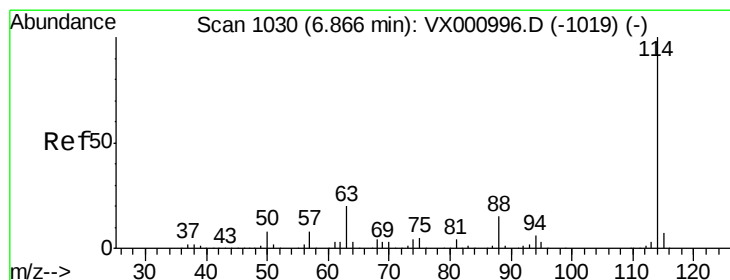
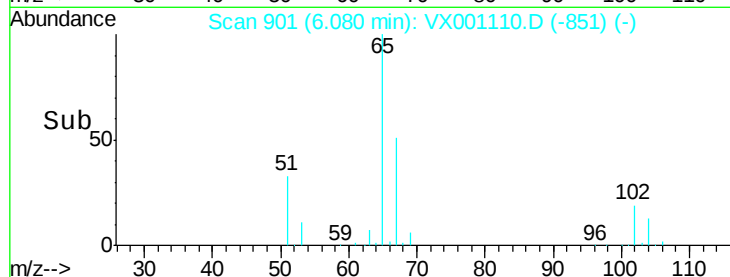
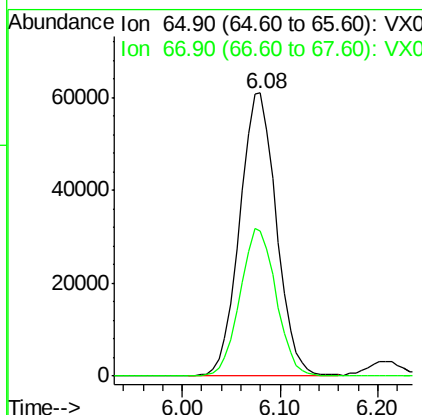
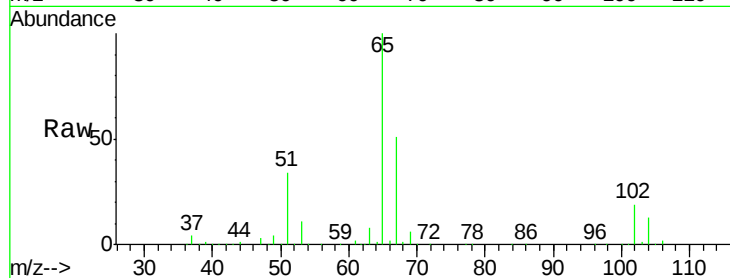




#33
 1,2-Dichloroethane-d4
 Concen: 52.07 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

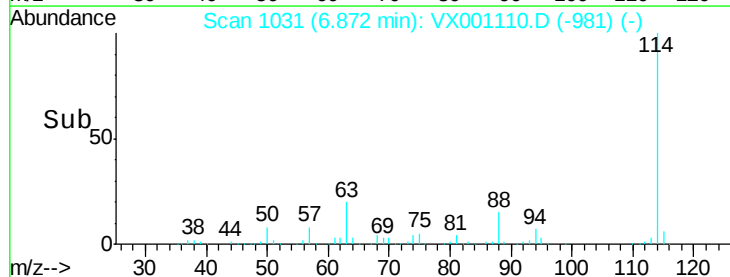
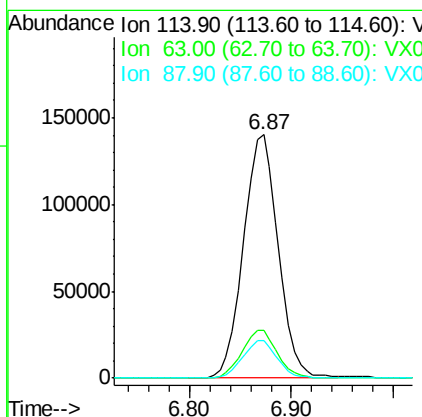
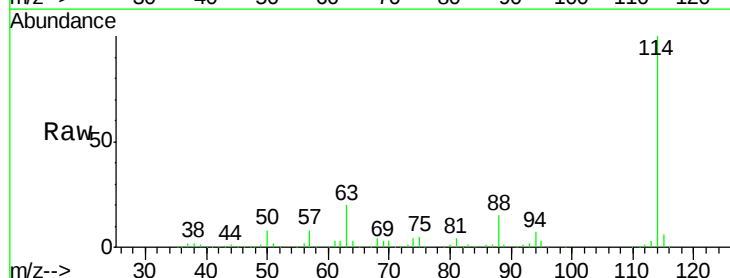
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

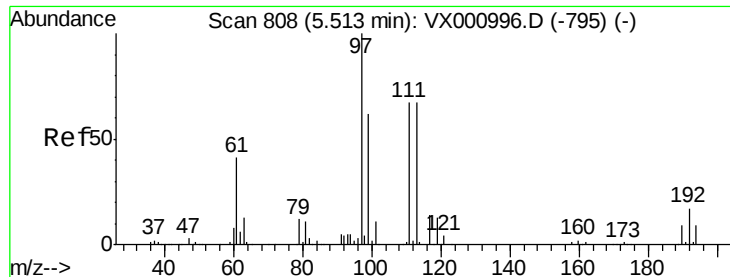
Tgt Ion: 65 Resp: 158844
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 114 Resp: 332234
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.4 0.0 29.8

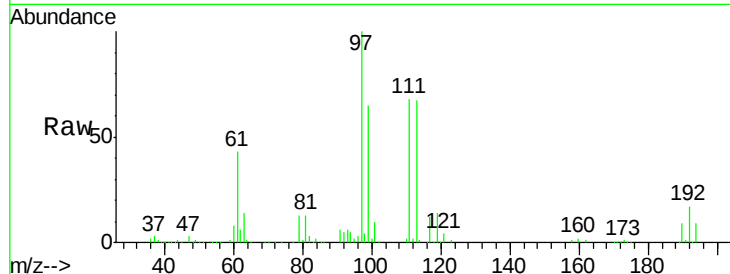




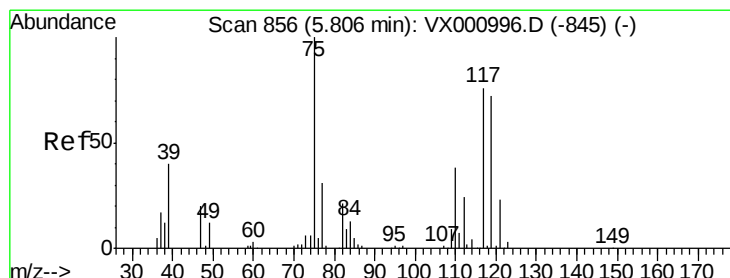
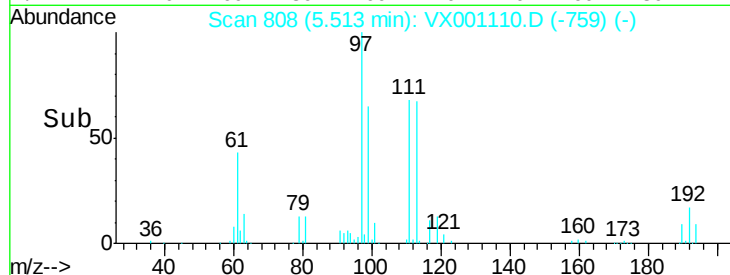
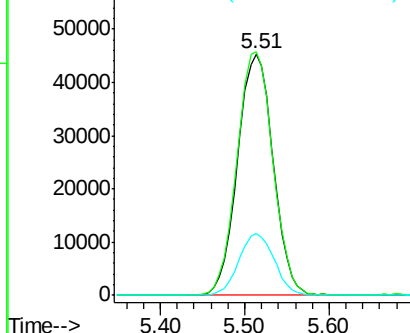
#35
 Dibromofluoromethane
 Concen: 51.29 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tgt Ion:113 Resp: 129928
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 25.4 20.4 30.6

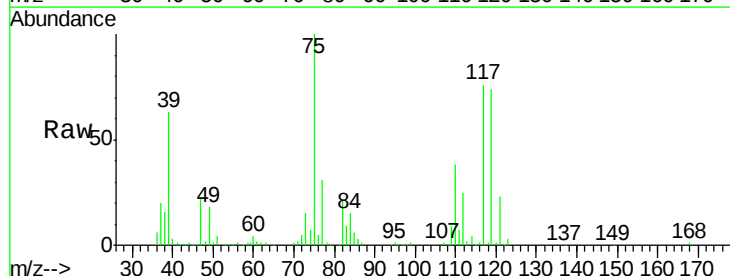


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

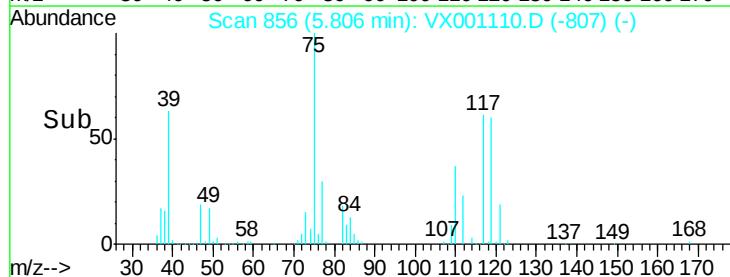
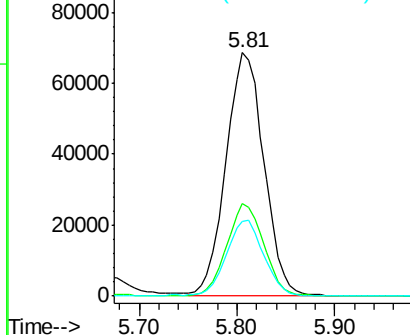


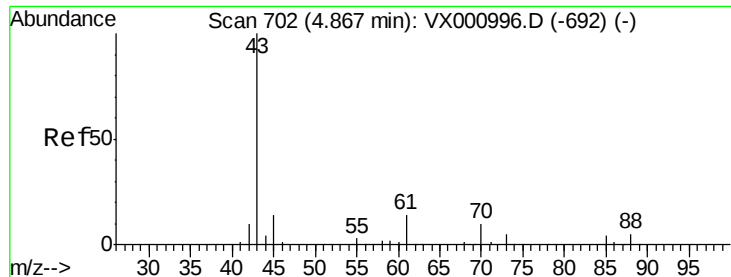
#36
 1,1-Dichloropropene
 Concen: 47.03 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 75 Resp: 183598
 Ion Ratio Lower Upper
 75 100
 110 37.5 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

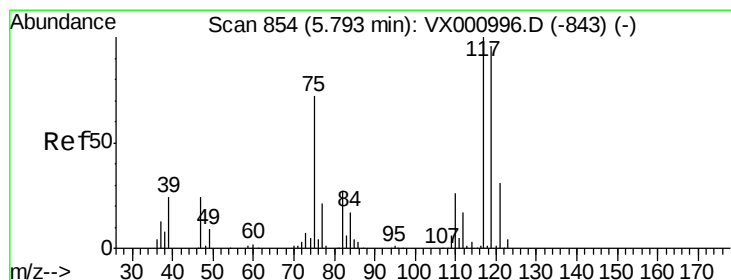
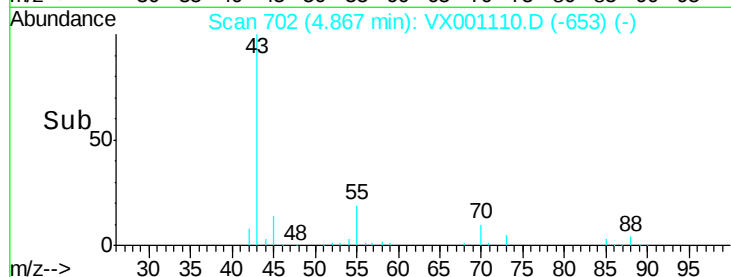
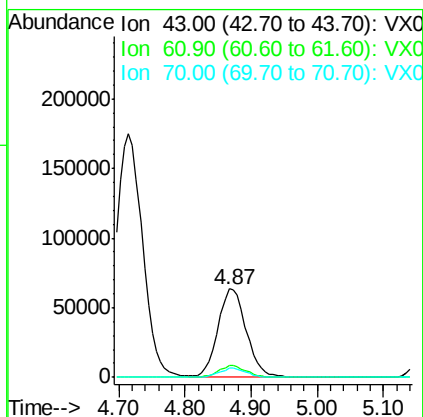
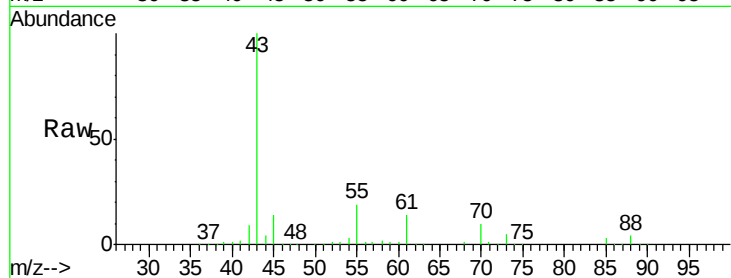




#37
Ethyl Acetate
Concen: 52.48 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

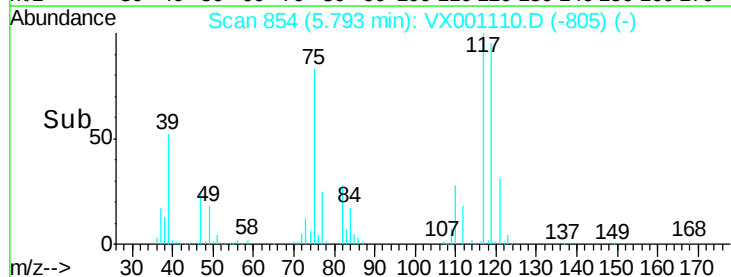
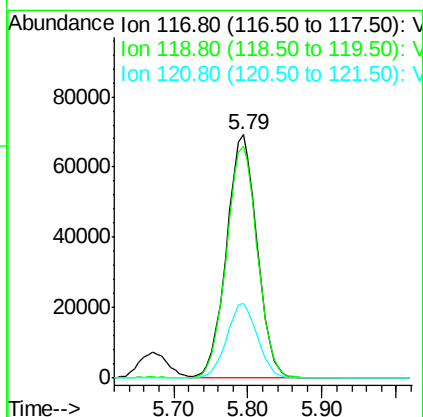
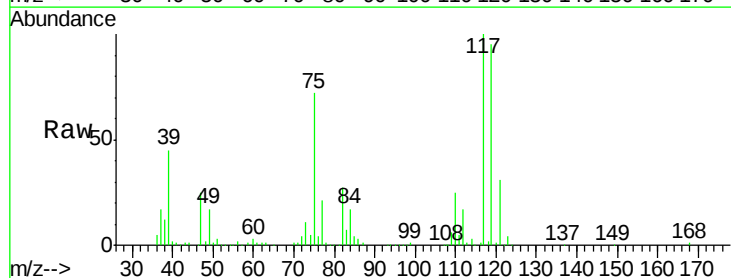
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

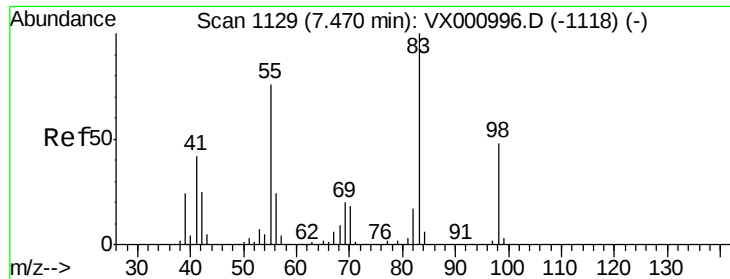
Tgt Ion: 43 Resp: 187933
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.1 8.3 12.5



#38
Carbon Tetrachloride
Concen: 50.27 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 117 Resp: 198729
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7
121 30.7 24.5 36.7

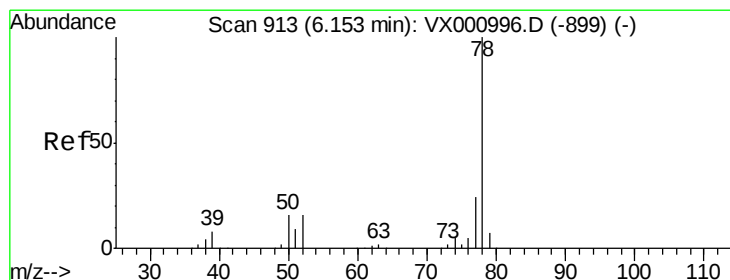
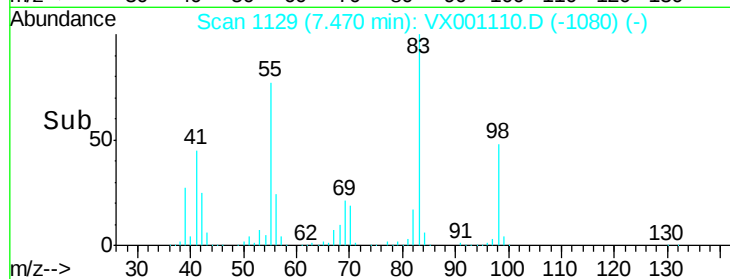
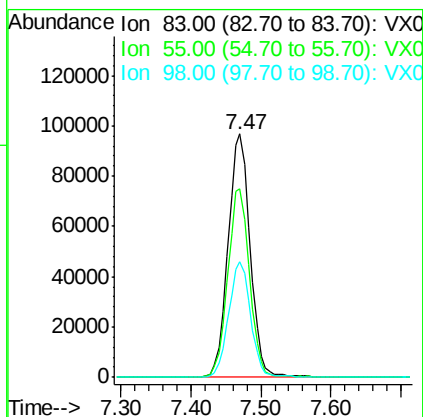
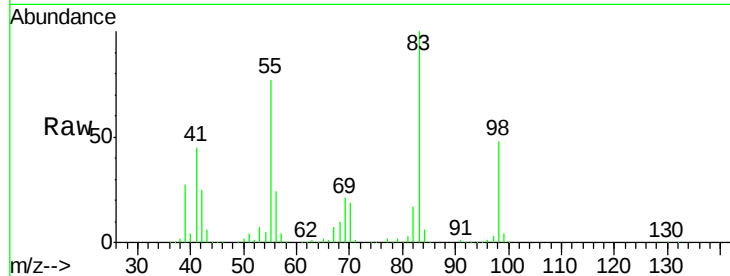




#39
Methylcyclohexane
Concen: 46.57 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

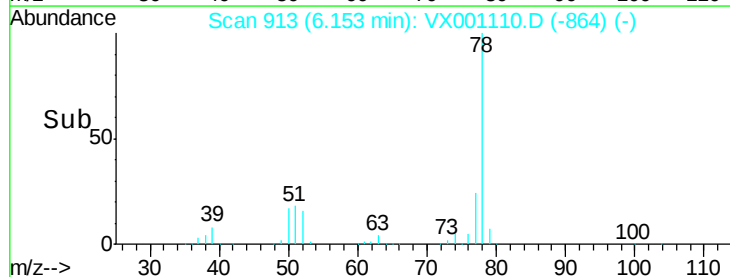
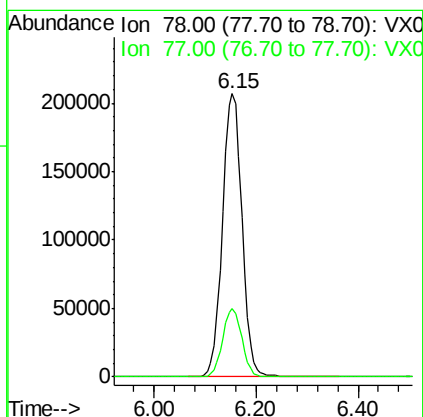
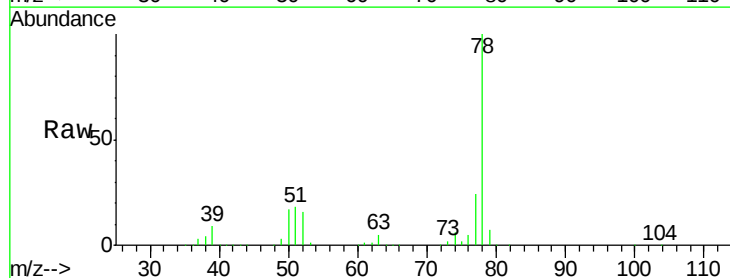
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

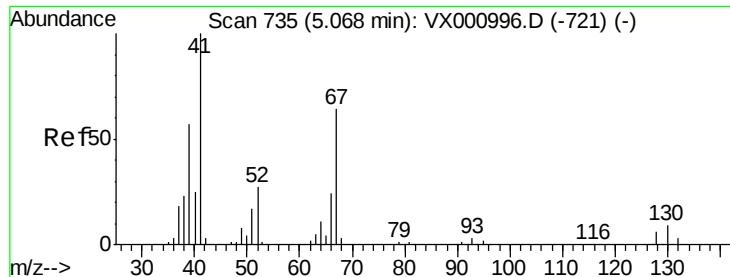
Tgt Ion: 83 Resp: 211628
Ion Ratio Lower Upper
83 100
55 77.5 60.6 91.0
98 47.6 38.2 57.4



#40
Benzene
Concen: 50.66 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 78 Resp: 549845
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

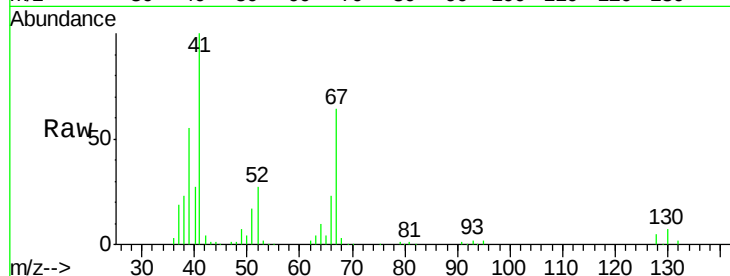




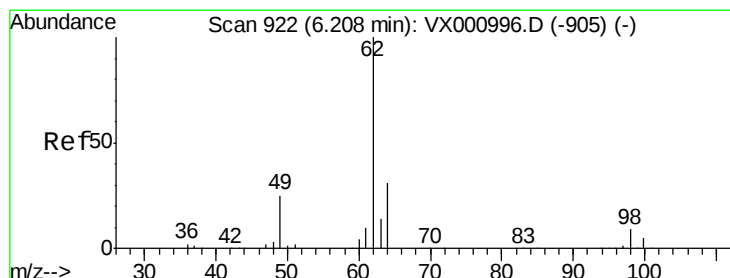
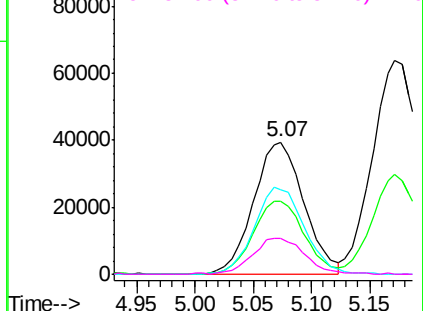
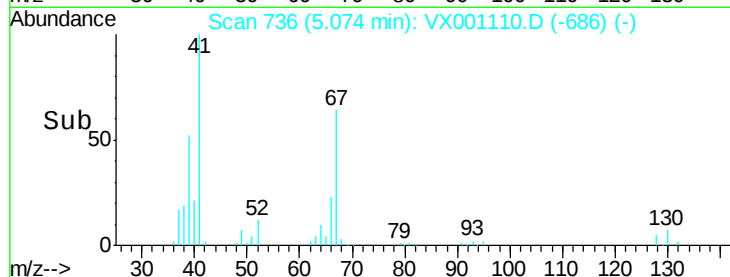
#41
Methacrylonitrile
Concen: 52.44 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

Tgt Ion:	41	Resp:	117287
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.2	67.8
67	65.8	53.8	80.8
52	28.8	22.4	33.6

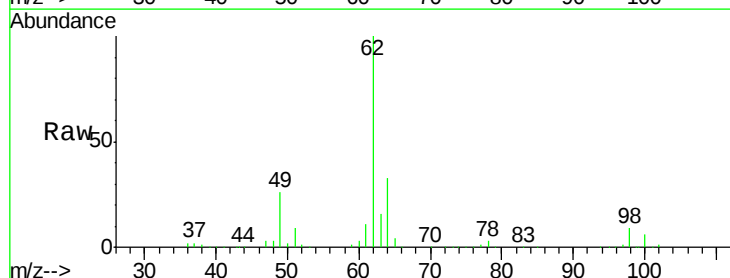


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

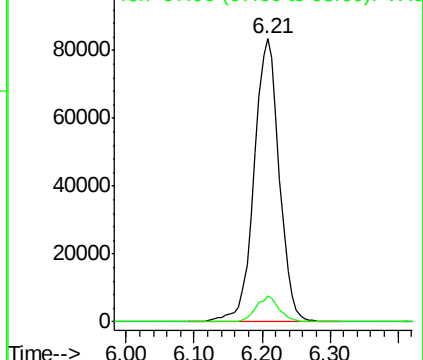
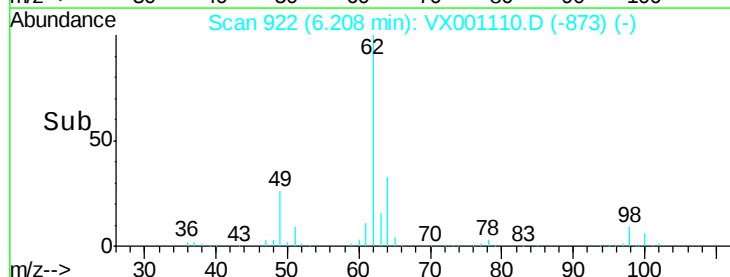


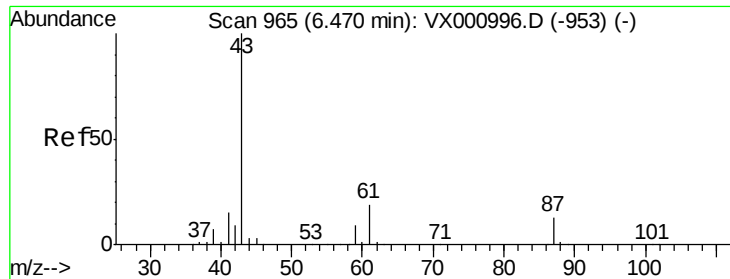
#42
1,2-Dichloroethane
Concen: 51.49 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:	62	Resp:	214531
Ion	Ratio	Lower	Upper
62	100		
98	8.6	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: 52.48 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

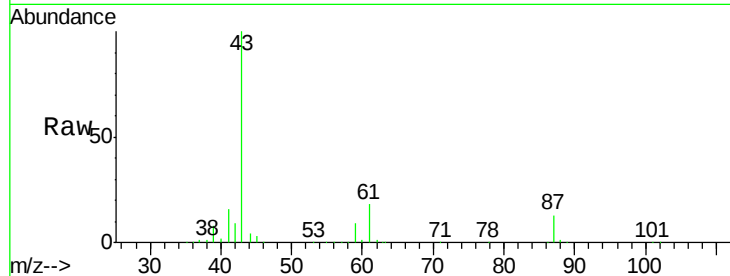
Tgt Ion: 43 Resp: 322456

Ion Ratio Lower Upper

43 100

61 18.8 15.4 23.2

87 12.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX000996.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX000996.D (-953) (-)

6.48

150000

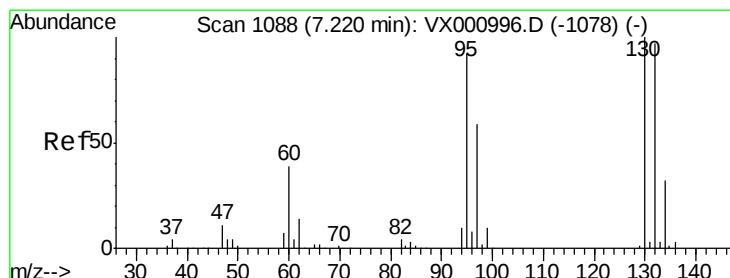
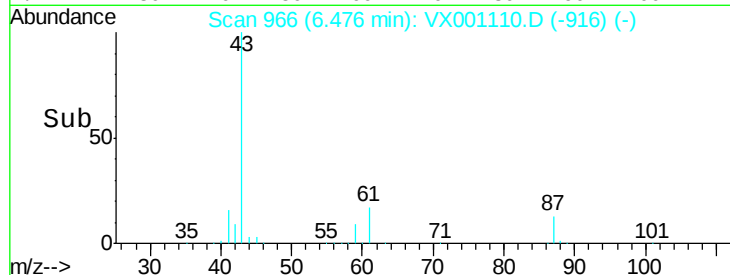
100000

50000

0

6.30 6.40 6.50 6.60 6.70

Time-->



#44

Trichloroethene

Concen: 47.36 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001110.D

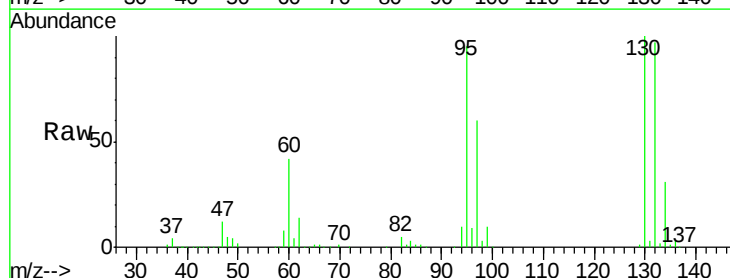
Acq: 25 Apr 2018 06:23

Tgt Ion: 130 Resp: 157064

Ion Ratio Lower Upper

130 100

95 95.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX000996.D (-1078) (-)

Ion 94.90 (94.60 to 95.60): VX000996.D (-1078) (-)

7.22

80000

60000

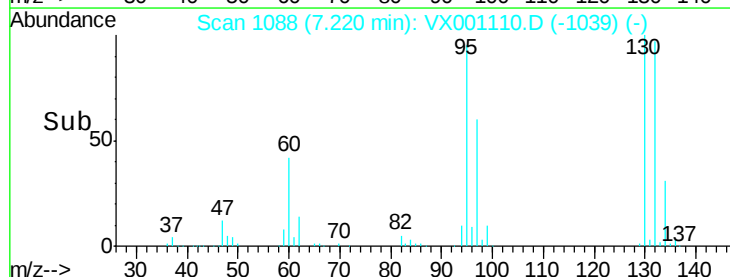
40000

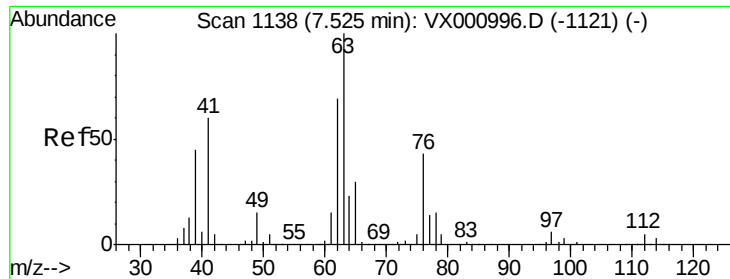
20000

0

7.10 7.15 7.20 7.25 7.30

Time-->

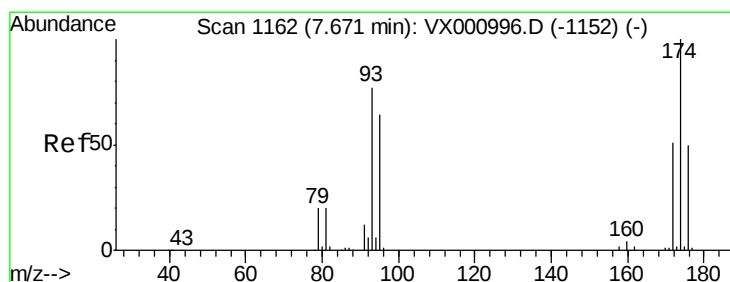
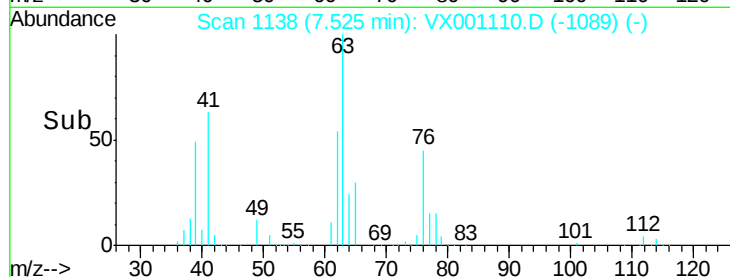
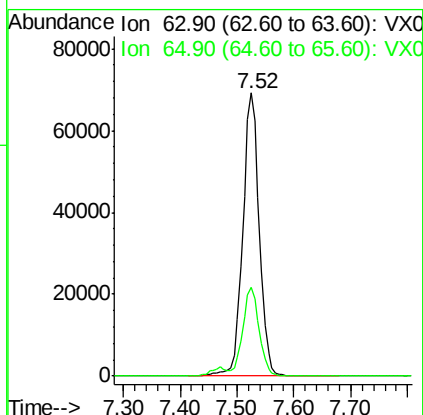
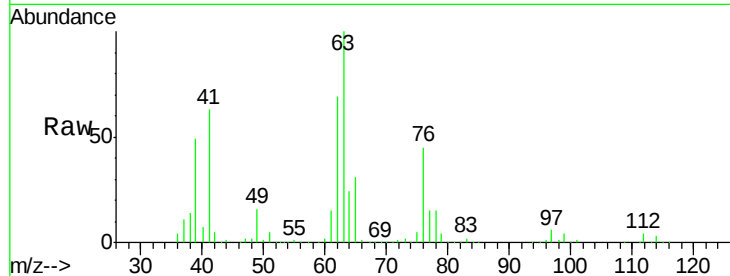




#45
 1,2-Dichloropropane
 Concen: 51.50 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

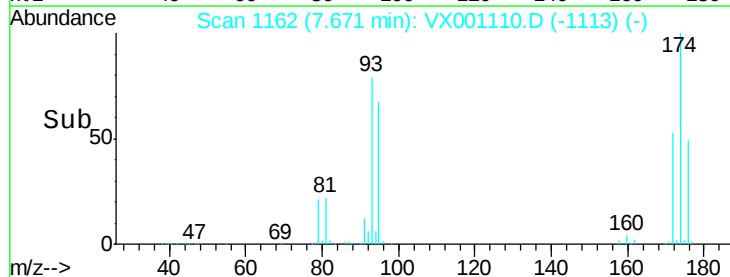
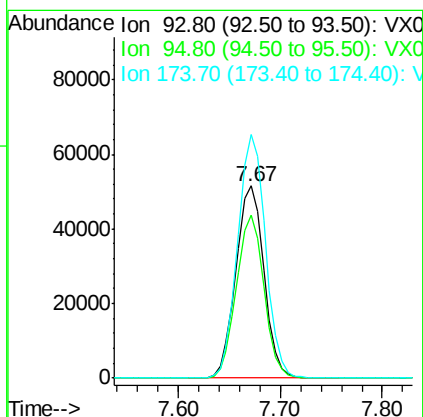
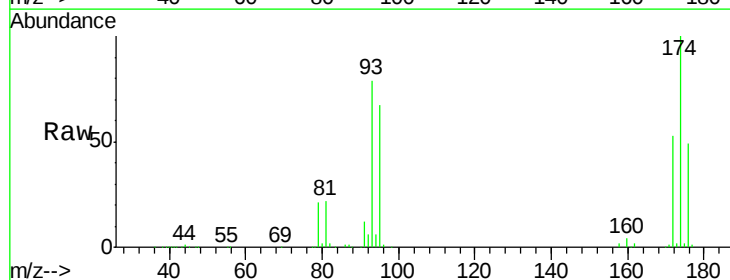
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

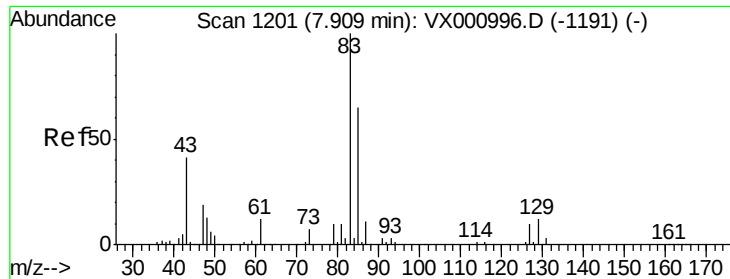
Tgt Ion: 63 Resp: 140566
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6



#46
 Dibromomethane
 Concen: 51.43 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 93 Resp: 98078
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 125.7 101.8 152.6





#47

Bromodichloromethane

Concen: 53.18 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

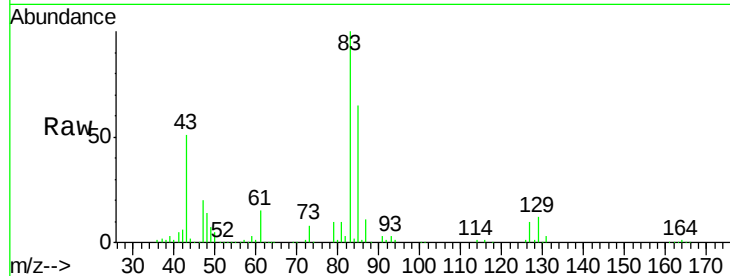
Tgt Ion: 83 Resp: 187868

Ion Ratio Lower Upper

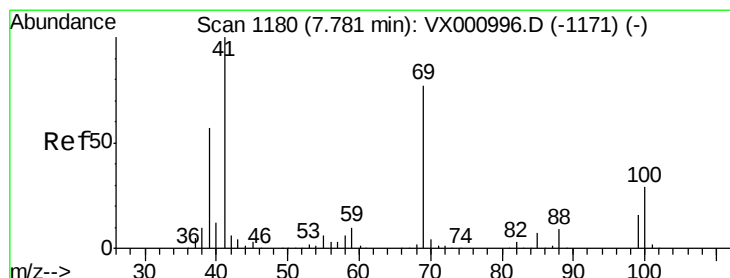
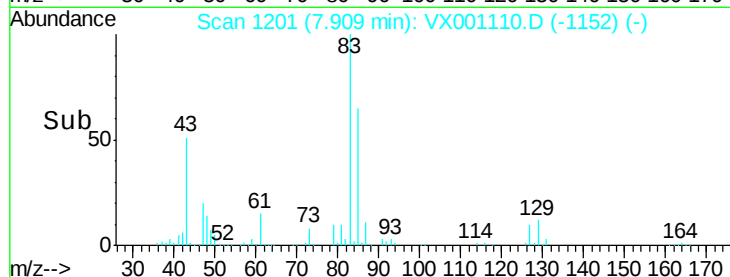
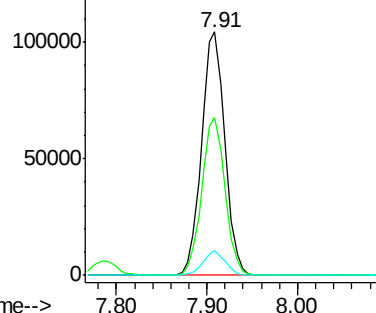
83 100

85 65.1 52.3 78.5

127 9.9 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: 53.39 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

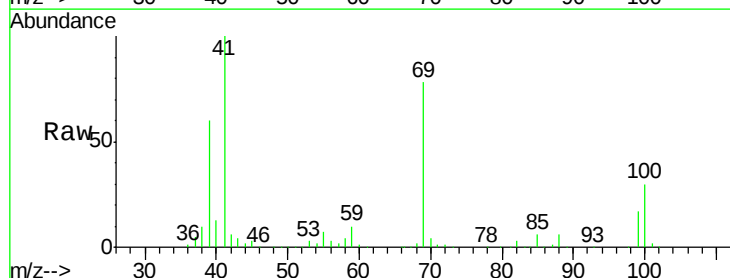
Tgt Ion: 41 Resp: 176623

Ion Ratio Lower Upper

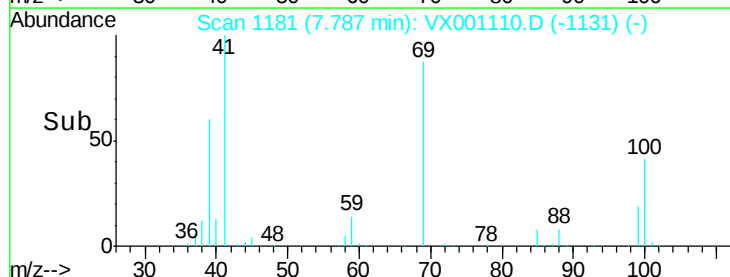
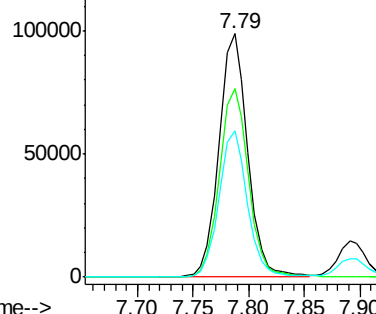
41 100

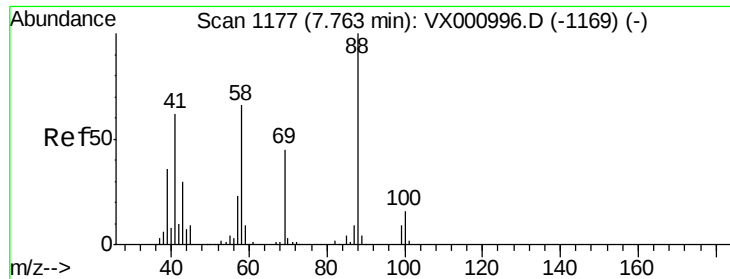
69 79.2 62.6 94.0

39 59.7 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: 1126.18 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

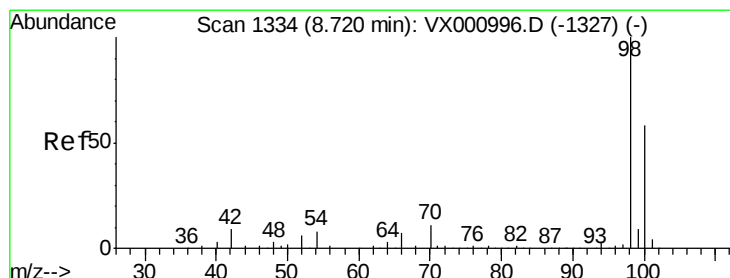
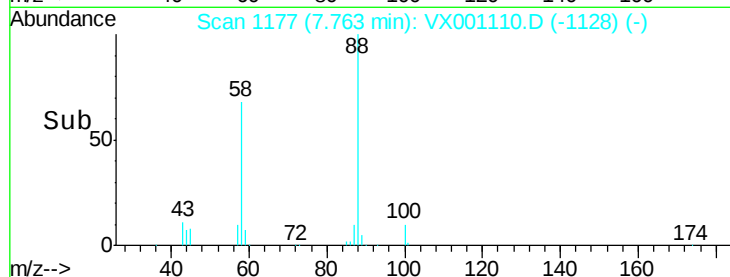
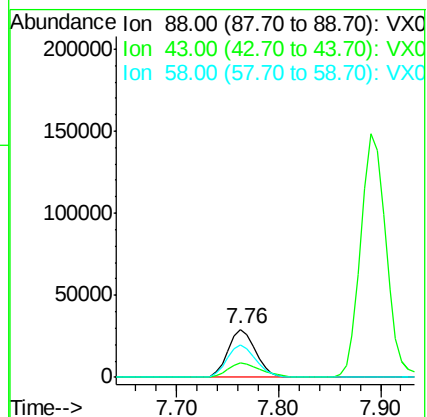
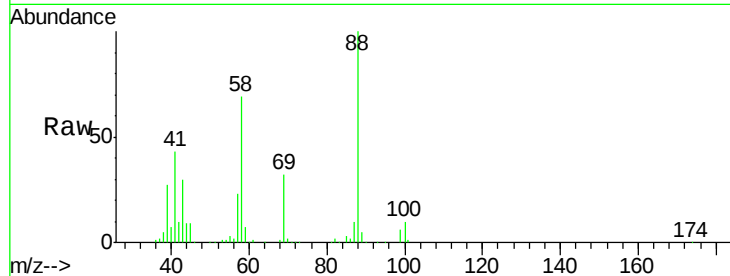
Tgt Ion: 88 Resp: 54789

Ion Ratio Lower Upper

88 100

43 36.3 29.2 43.8

58 70.6 55.0 82.6



#50

Toluene-d8

Concen: 49.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001110.D

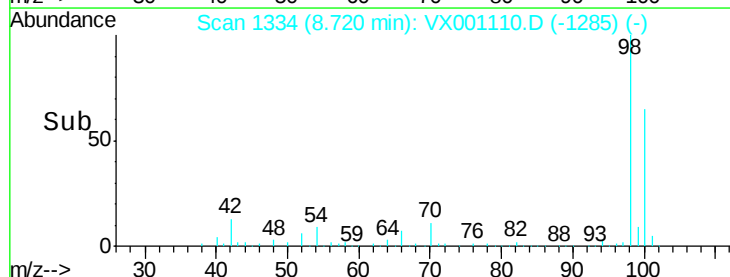
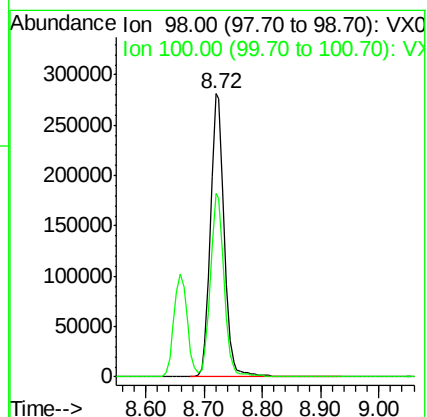
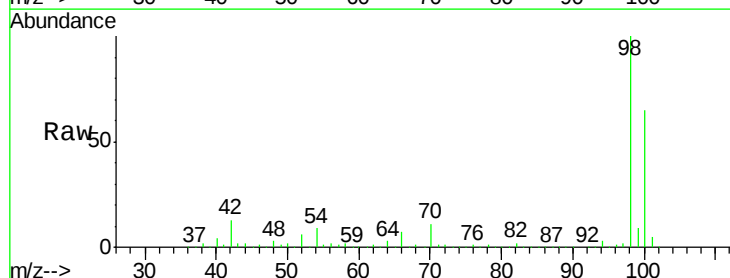
Acq: 25 Apr 2018 06:23

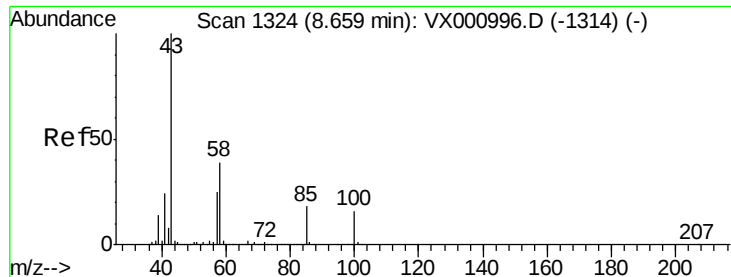
Tgt Ion: 98 Resp: 463693

Ion Ratio Lower Upper

98 100

100 65.2 51.9 77.9

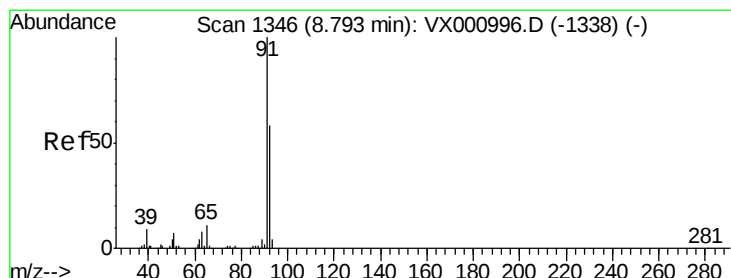
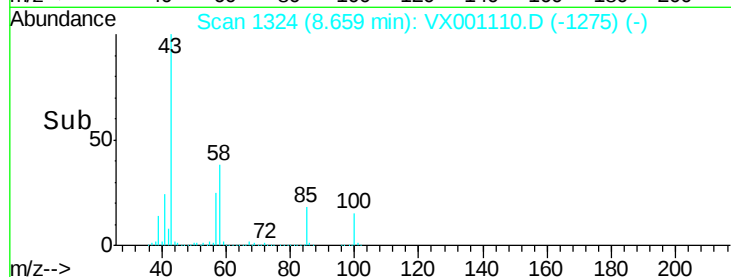
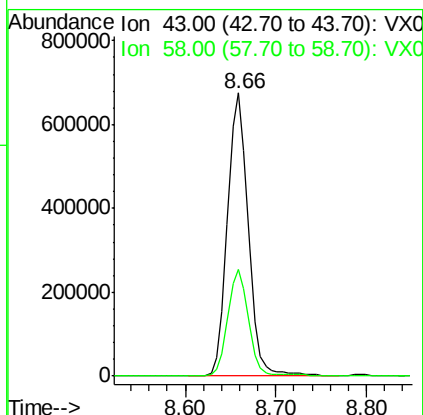
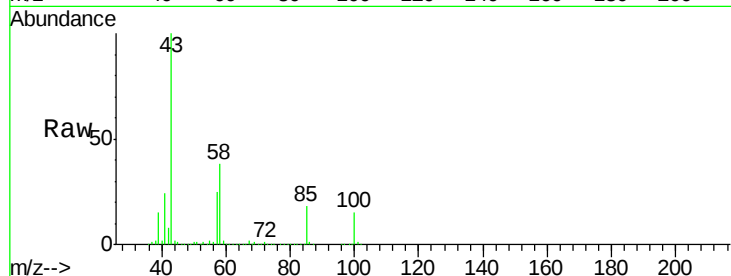




#51
 4-Methyl-2-Pentanone
 Concen: 289.53 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

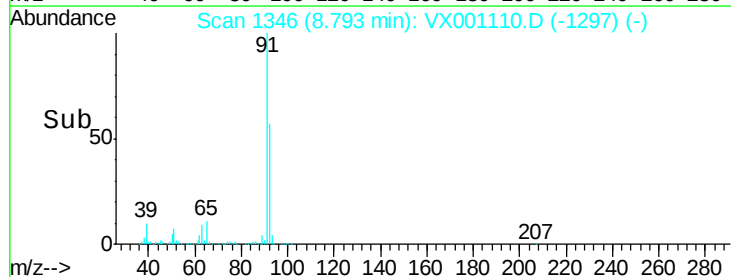
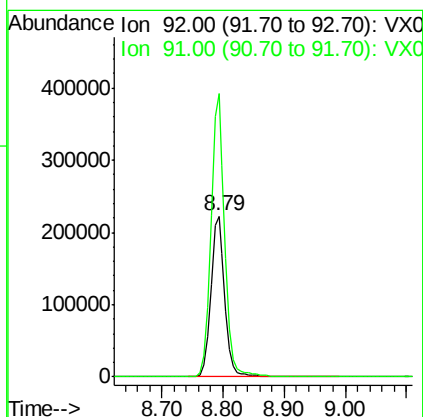
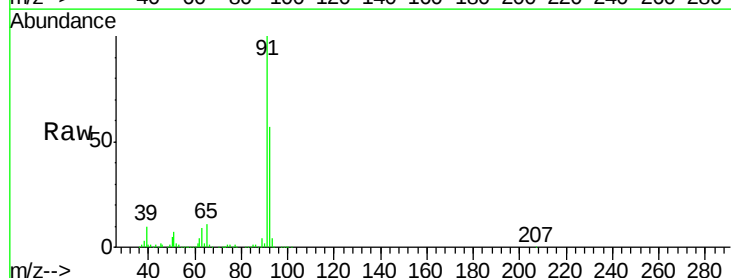
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

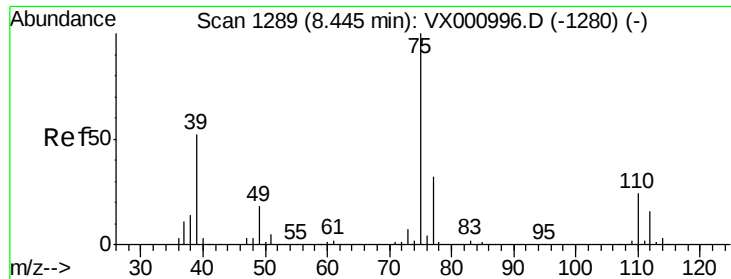
Tgt Ion: 43 Resp: 1080127
 Ion Ratio Lower Upper
 43 100
 58 37.0 30.2 45.4



#52
 Toluene
 Concen: 50.87 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 92 Resp: 360404
 Ion Ratio Lower Upper
 92 100
 91 173.5 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 44.77 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

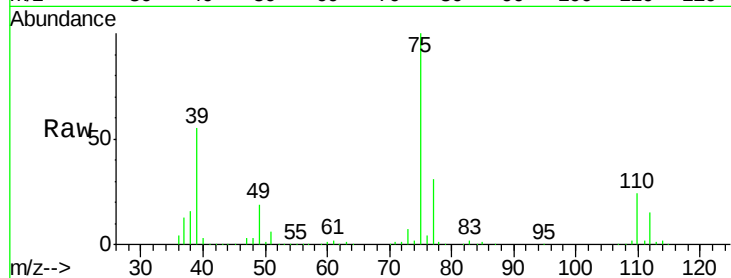
LF015MW001-180416MSD

Tgt Ion: 75 Resp: 189159

Ion Ratio Lower Upper

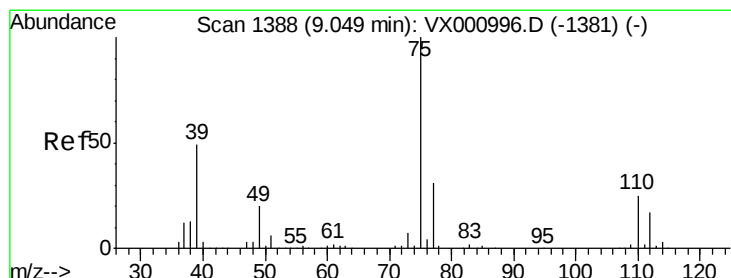
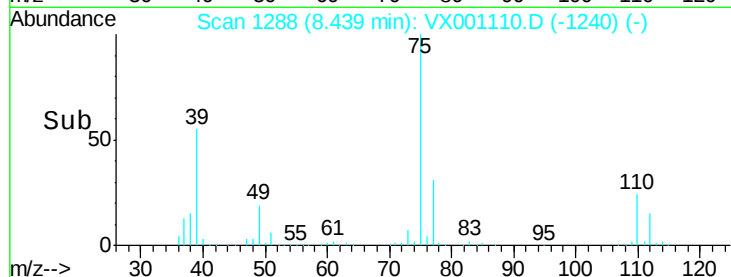
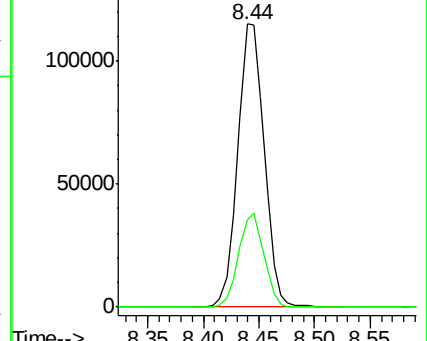
75 100

77 30.7 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: 45.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

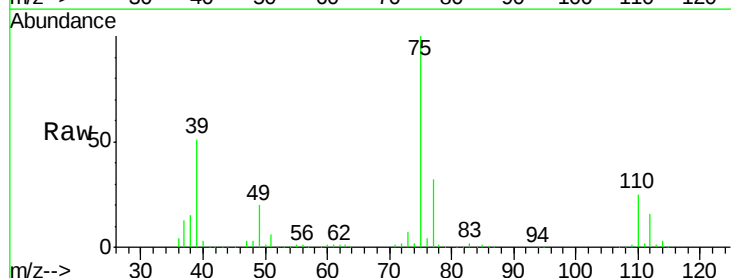
Tgt Ion: 75 Resp: 182031

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

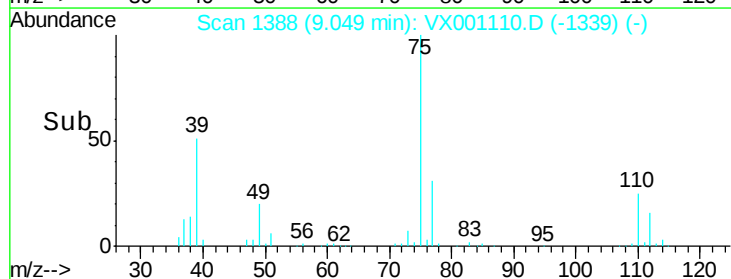
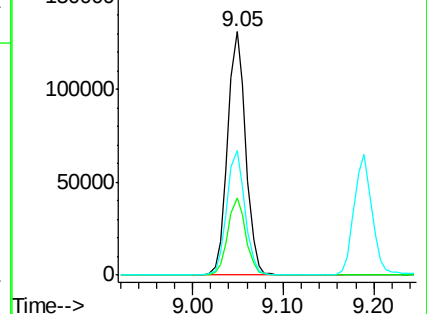
39 50.9 39.2 58.8

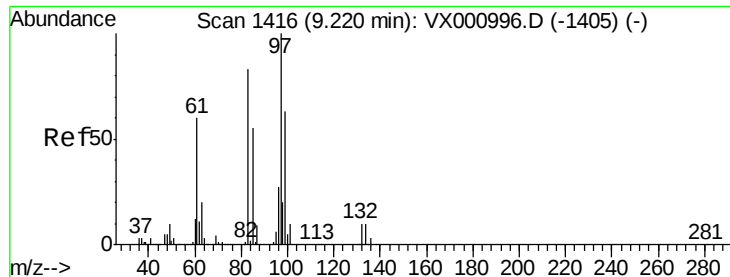


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

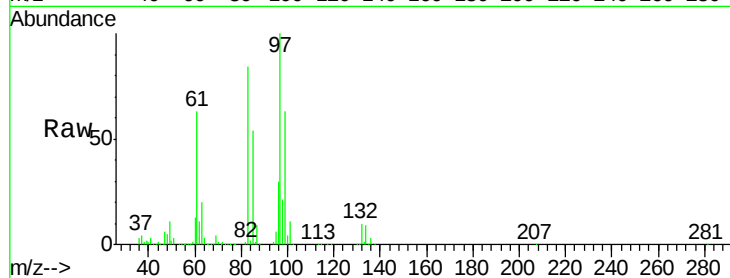




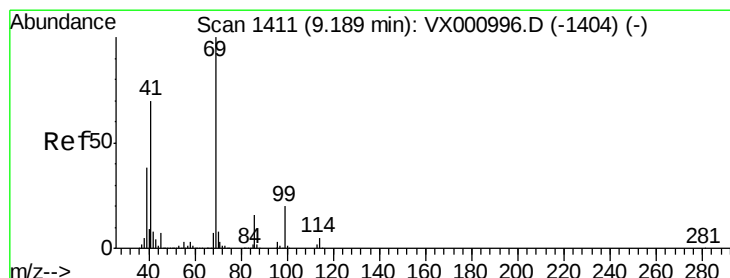
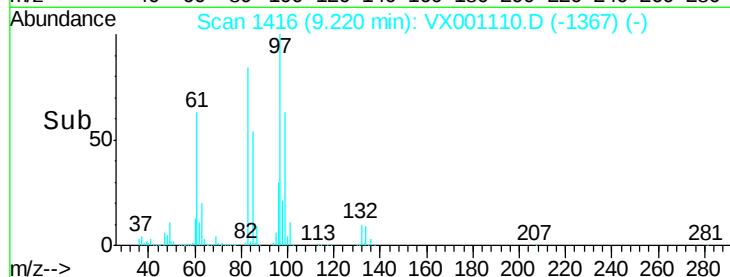
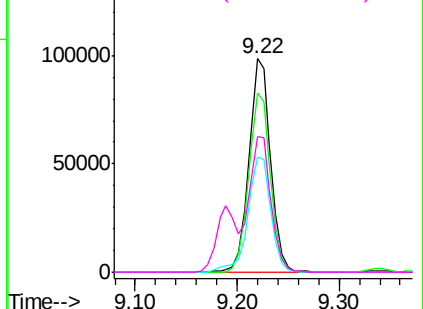
#55
 1,1,2-Trichloroethane
 Concen: 51.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

Tgt Ion:	97	Resp:	145659
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.2	99.4
85	54.2	44.2	66.4
99	63.3	50.2	75.4

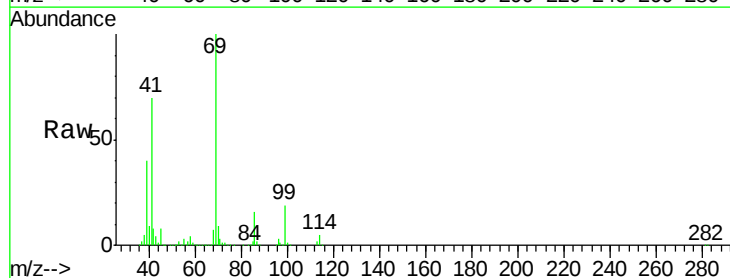


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

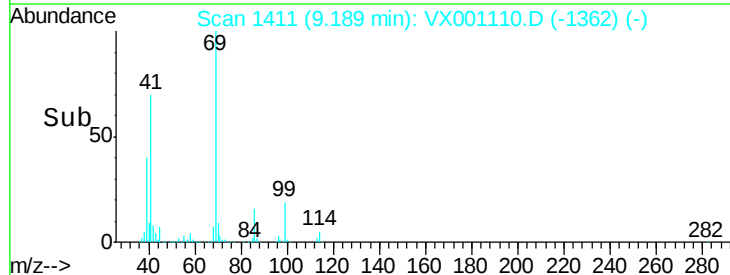
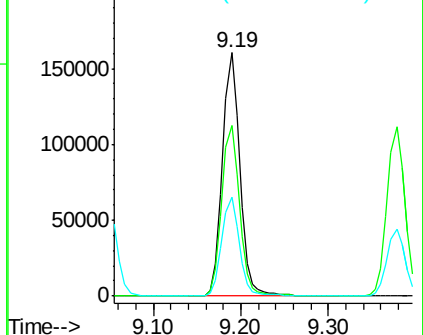


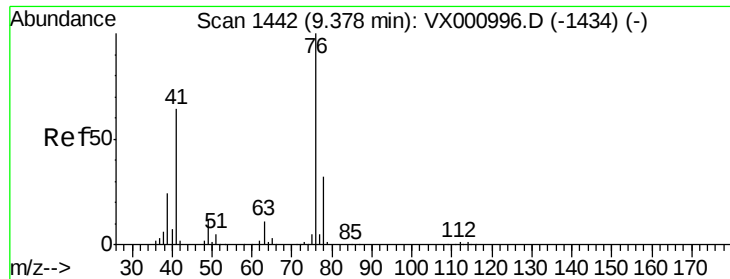
#56
 Ethyl methacrylate
 Concen: 53.77 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion:	69	Resp:	222371
Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.3	84.5
39	40.6	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

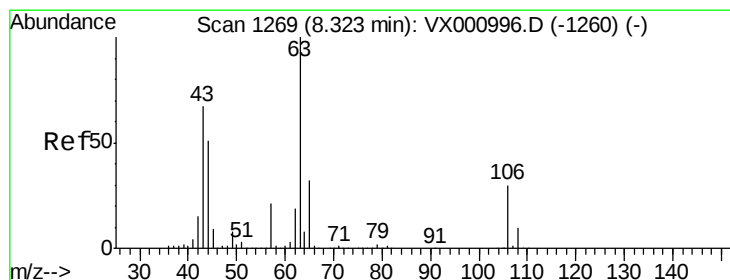
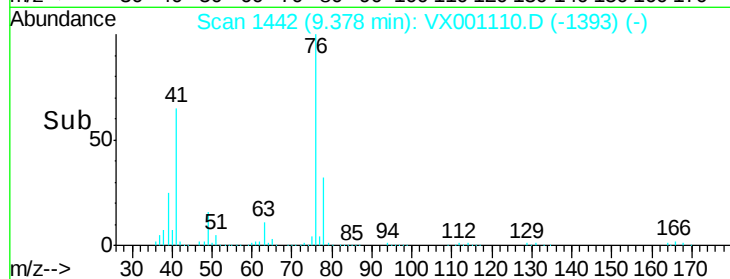
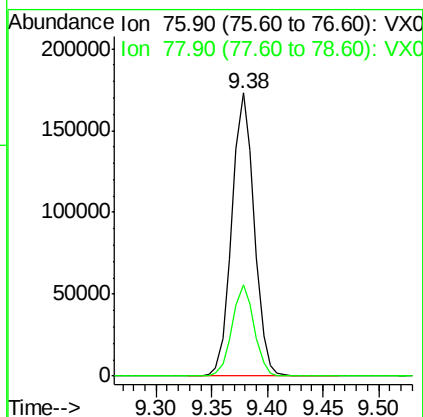
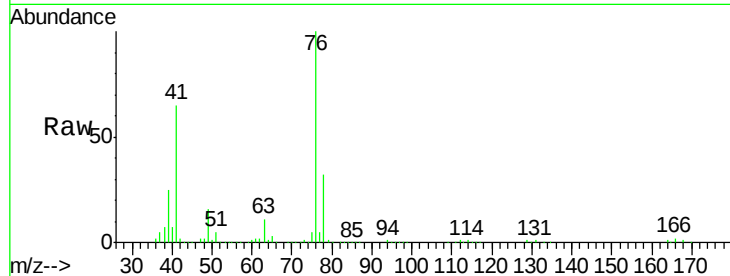




#57
 1,3-Dichloropropane
 Concen: 51.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

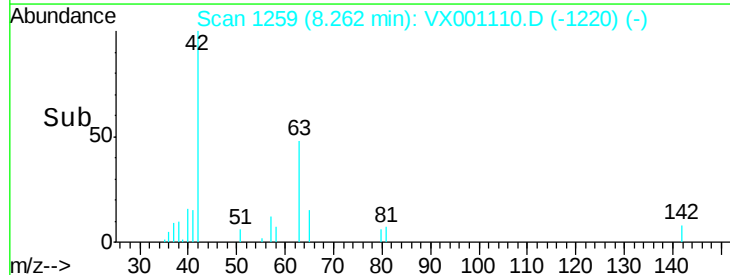
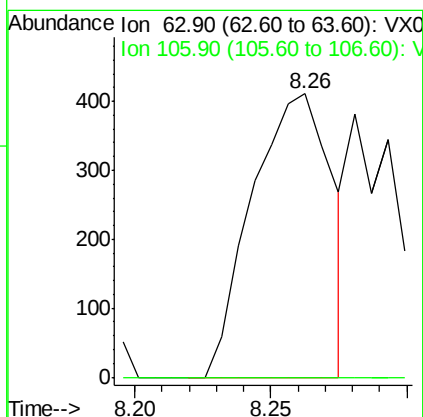
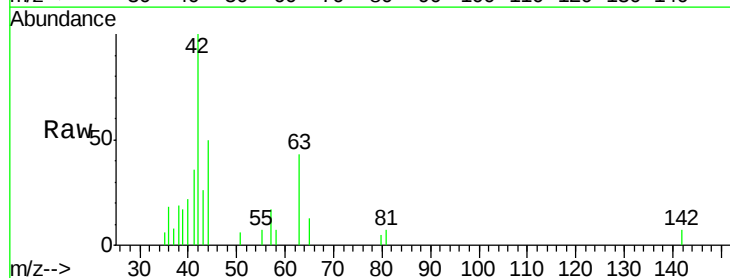
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

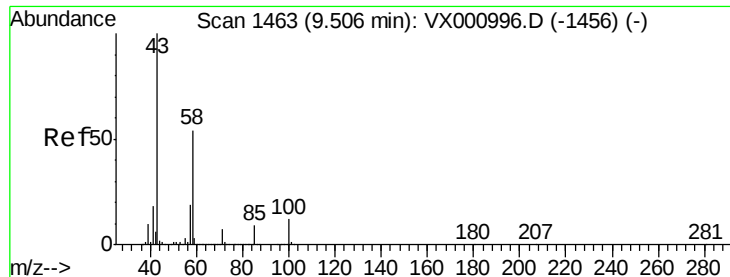
Tgt Ion: 76 Resp: 240882
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.41 ug/l
 RT: 8.26 min Scan# 1259
 Delta R.T. -0.06 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 63 Resp: 835
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.8 35.6#

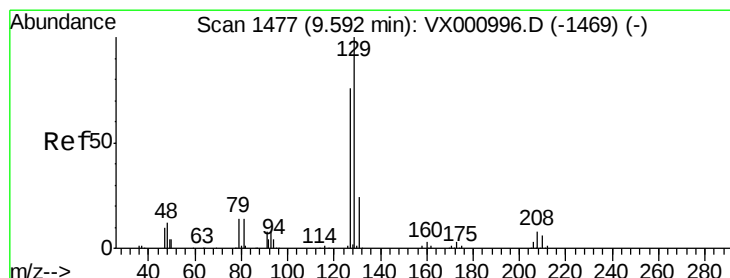
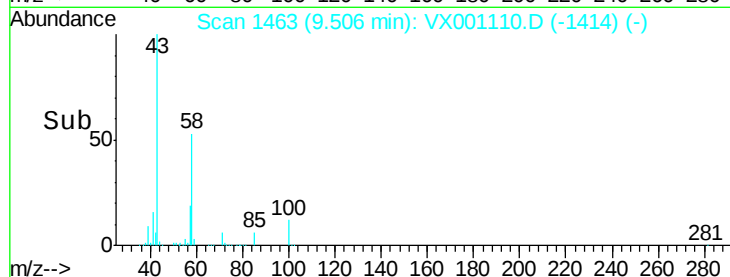
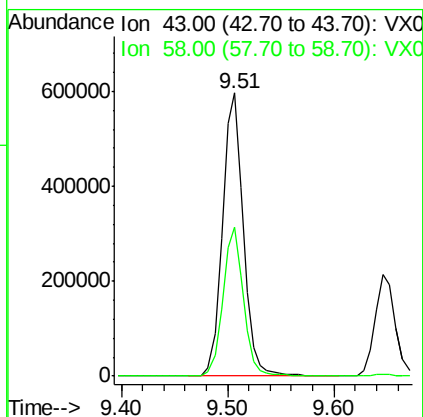
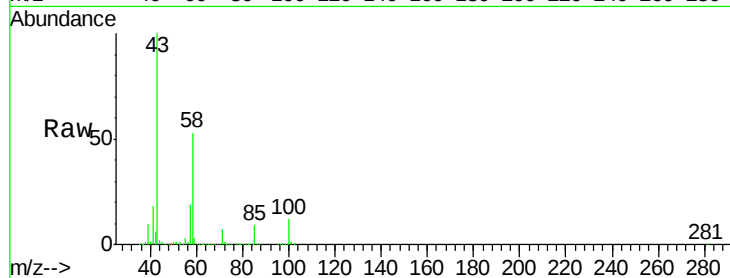




#59
2-Hexanone
Concen: 285.52 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

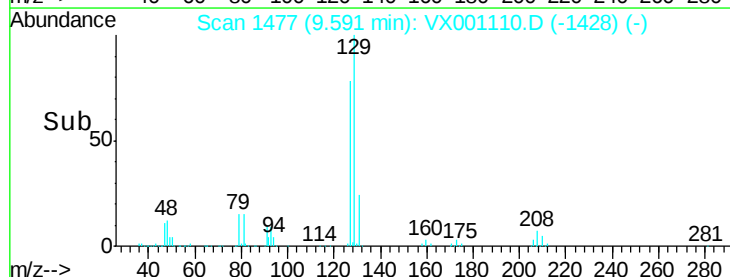
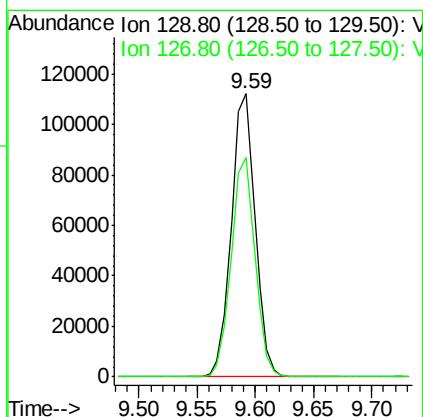
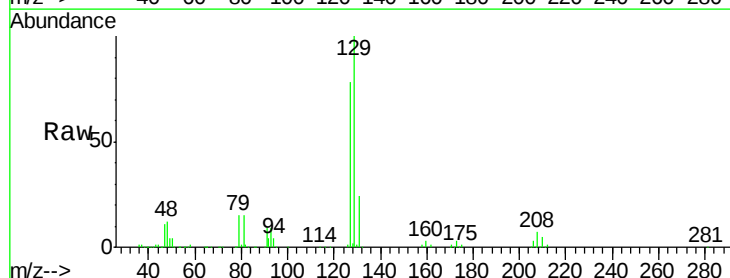
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

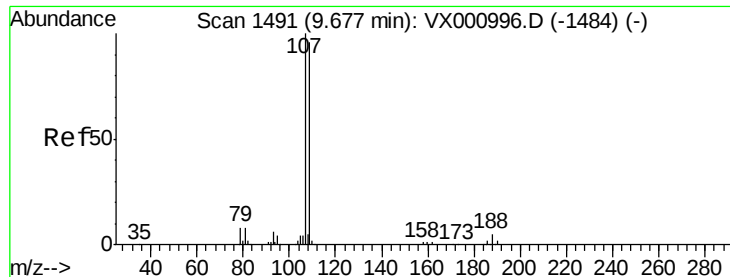
Tgt Ion: 43 Resp: 815297
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9



#60
Dibromochloromethane
Concen: 54.34 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 129 Resp: 160718
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

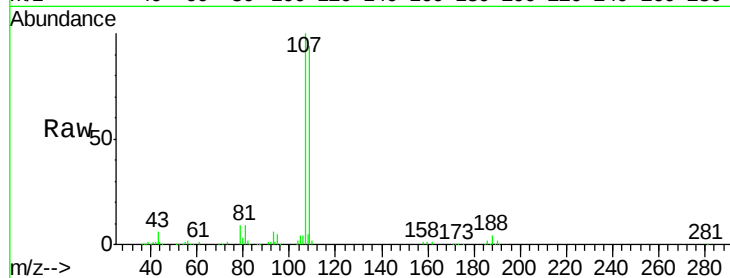
LF015MW001-180416MSD

Tgt Ion: 107 Resp: 157201

Ion Ratio Lower Upper

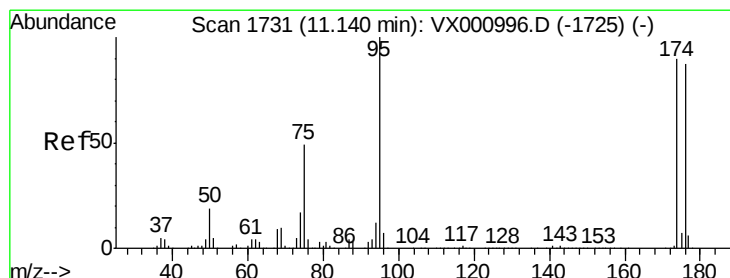
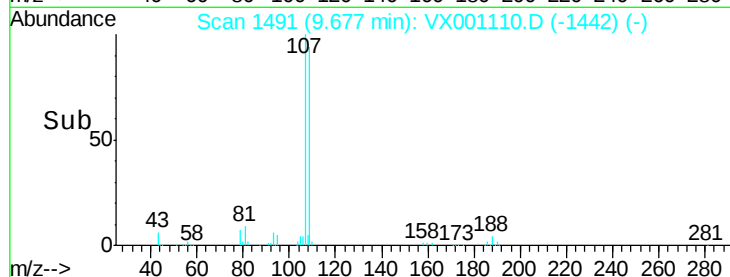
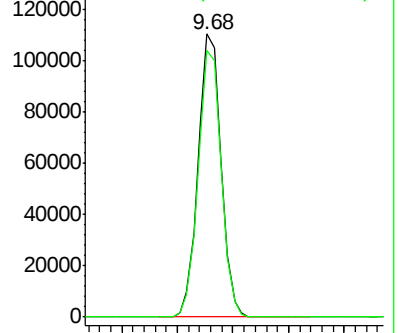
107 100

109 95.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

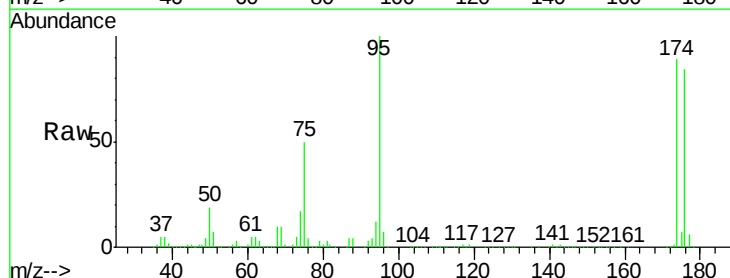
Tgt Ion: 95 Resp: 191493

Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

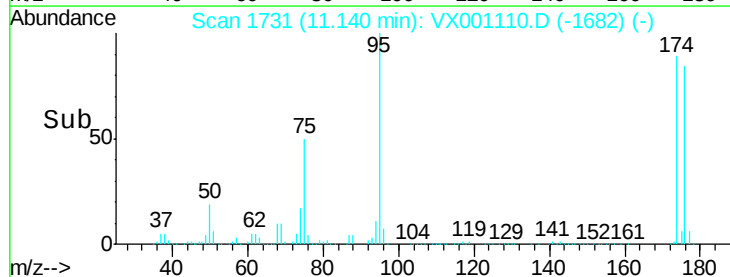
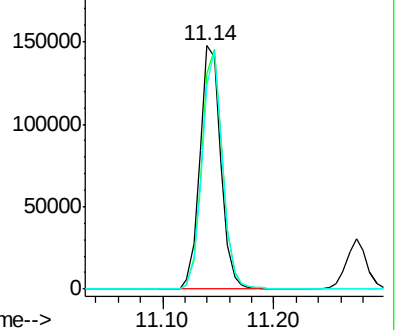
176 94.7 0.0 192.0

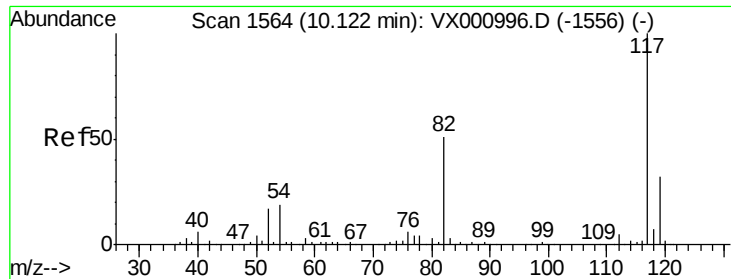


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

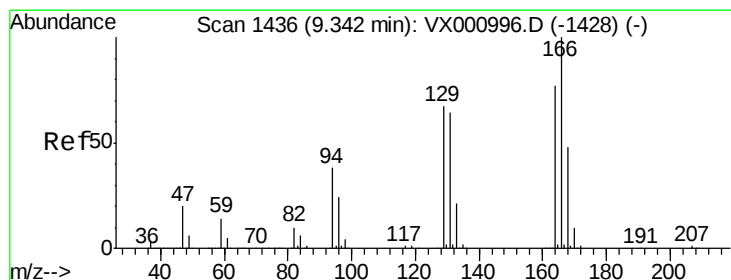
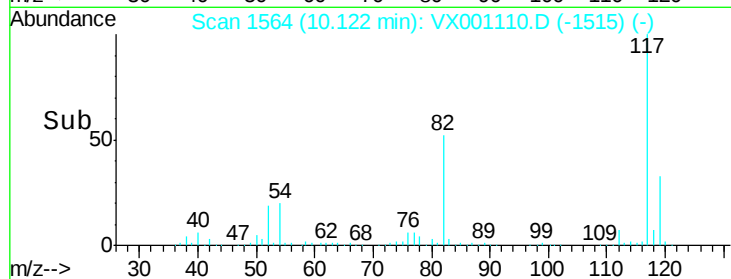
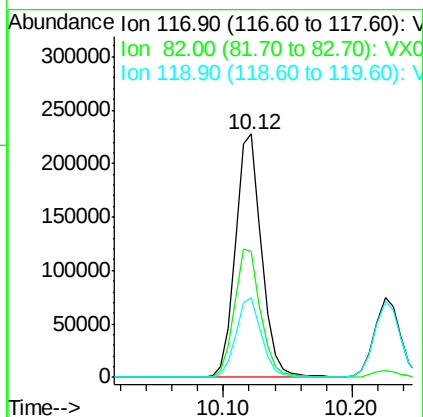
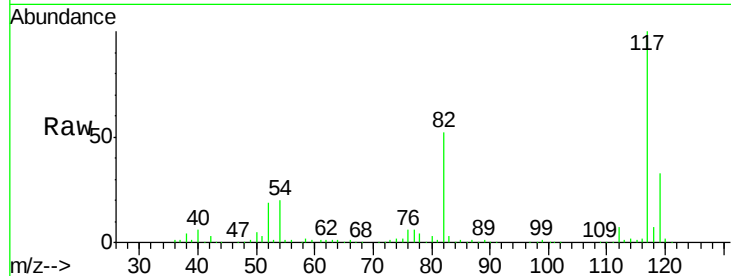




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

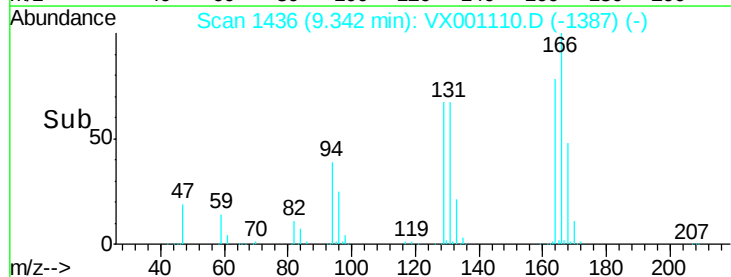
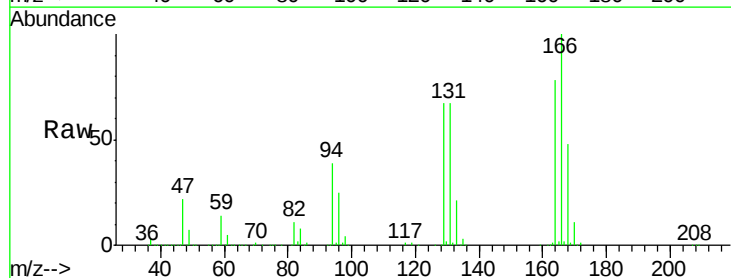
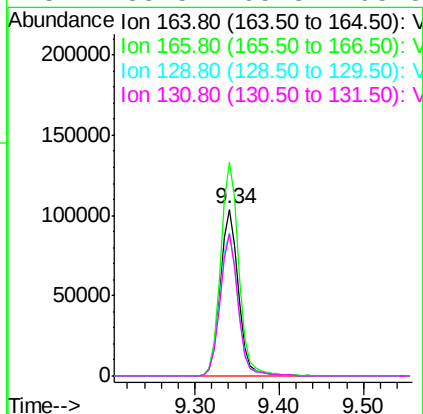
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

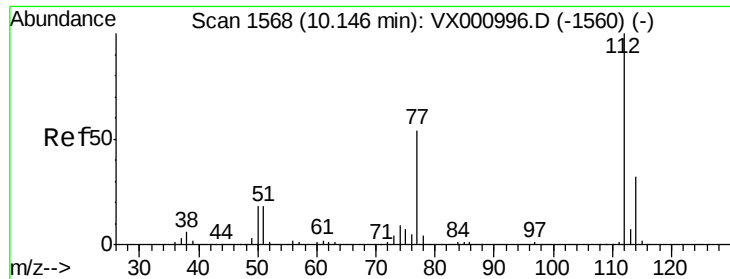
Tgt Ion:117 Resp: 320627
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 45.56 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:164 Resp: 155119
Ion Ratio Lower Upper
164 100
166 128.3 103.5 155.3
129 86.2 69.6 104.4
131 85.5 65.8 98.8





#65

Chlorobenzene

Concen: 67.48 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

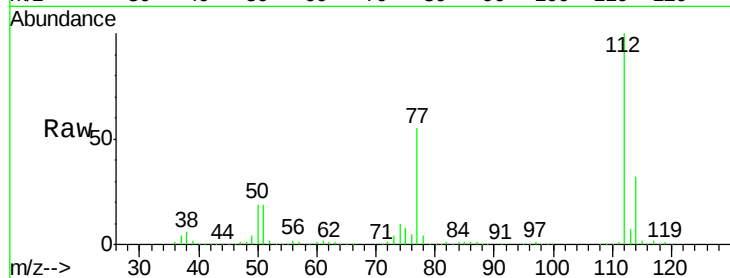
LF015MW001-180416MSD

Tgt Ion:112 Resp: 576108

Ion Ratio Lower Upper

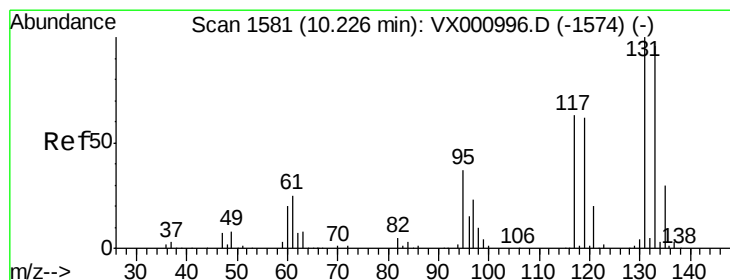
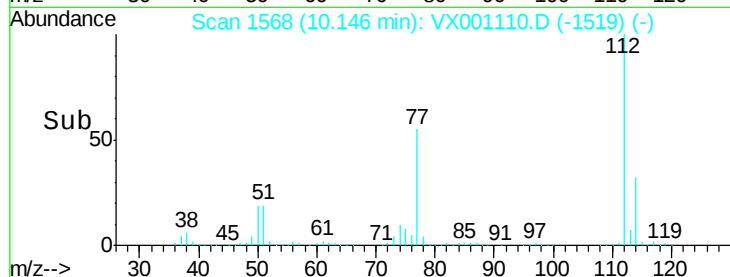
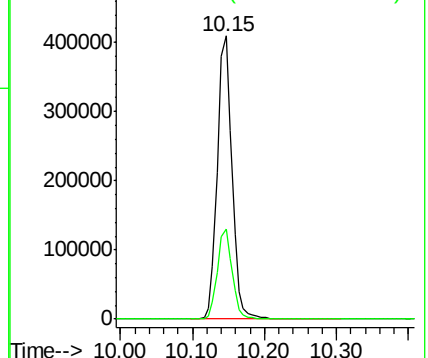
112 100

114 32.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

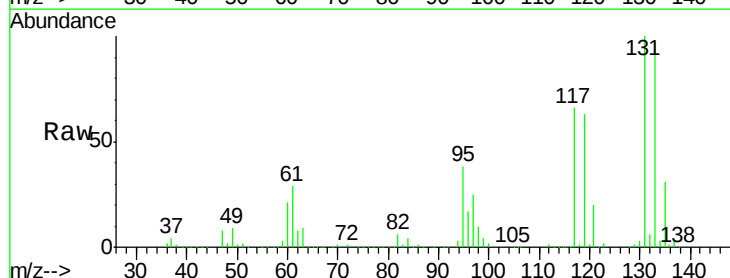
Tgt Ion:131 Resp: 155250

Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.8

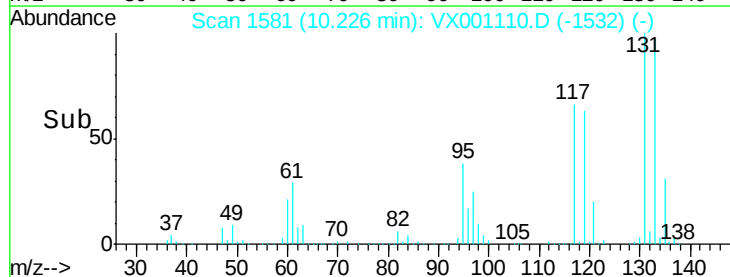
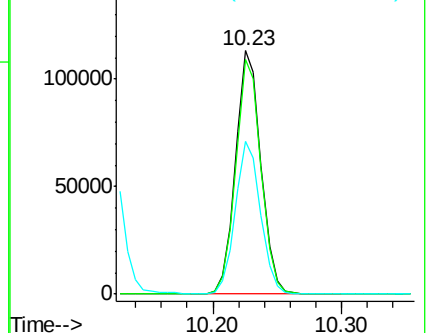
119 62.7 31.1 93.2

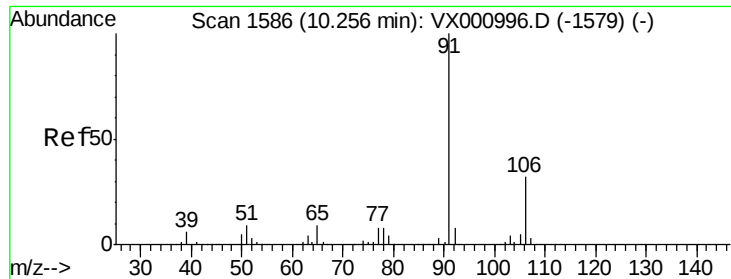


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

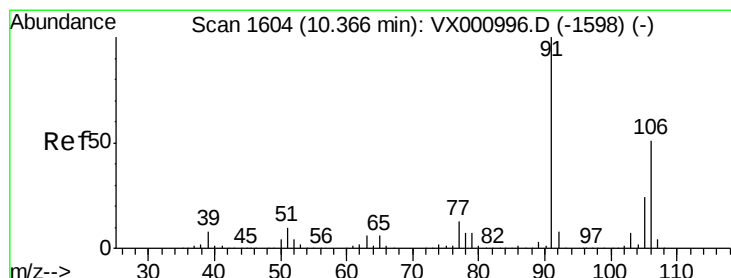
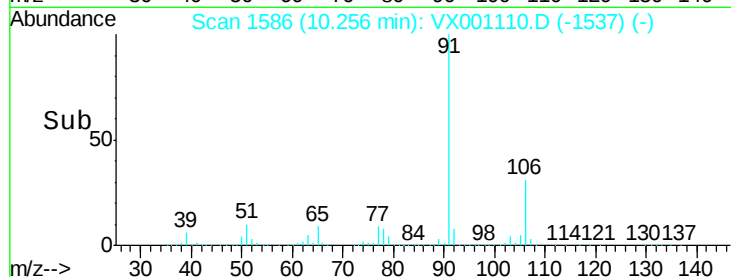
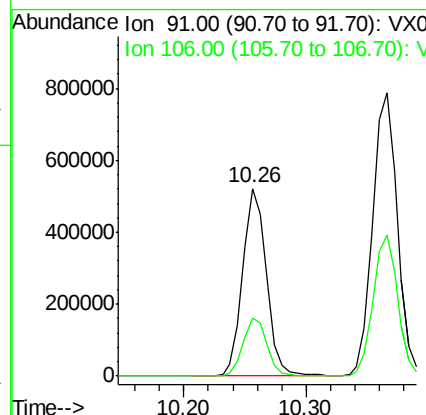
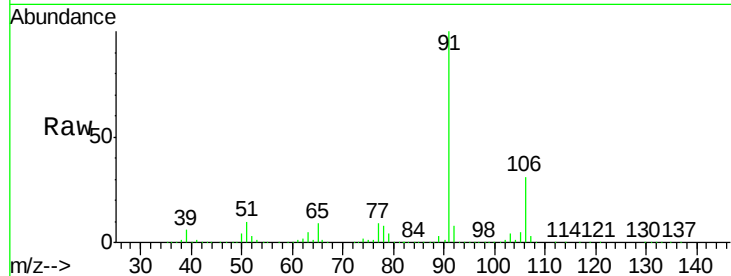




#67
Ethyl Benzene
Concen: 49.57 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

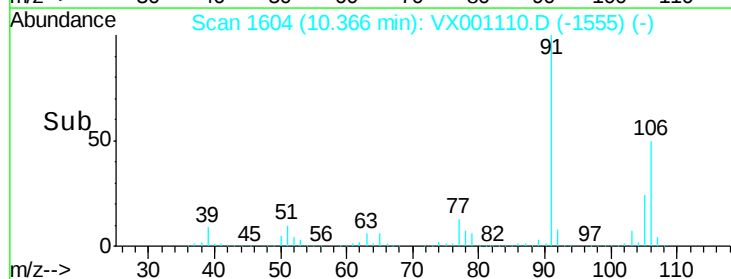
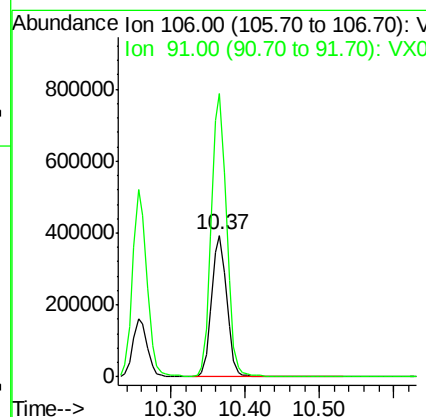
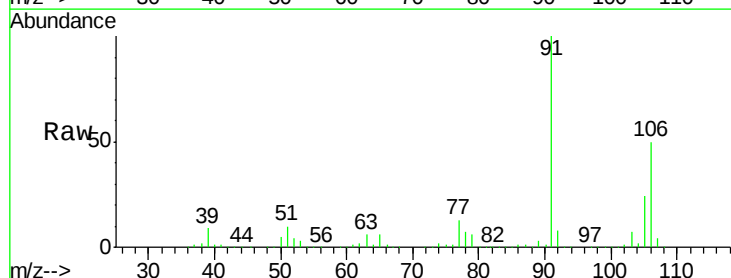
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

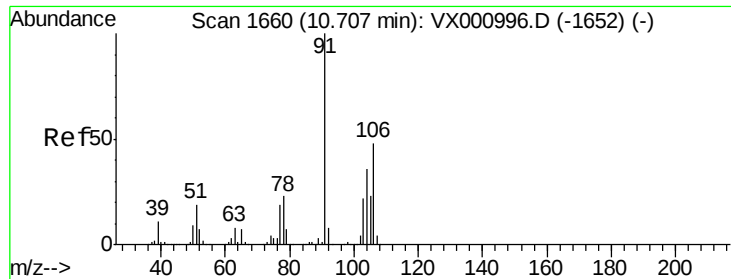
Tgt Ion: 91 Resp: 702755
Ion Ratio Lower Upper
91 100
106 31.0 25.7 38.5



#68
m/p-Xylenes
Concen: 99.25 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion: 106 Resp: 554574
Ion Ratio Lower Upper
106 100
91 201.2 159.3 238.9

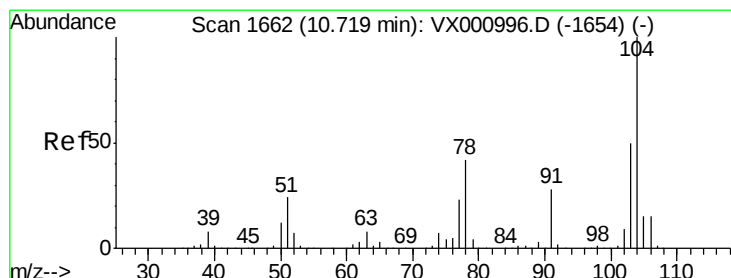
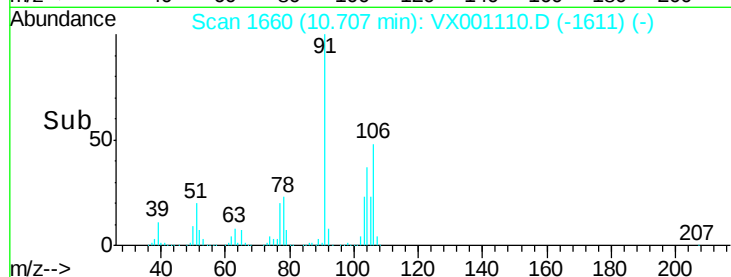
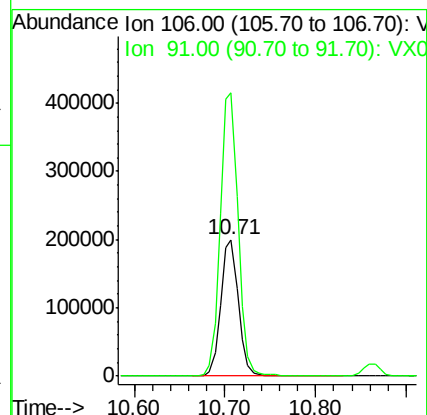
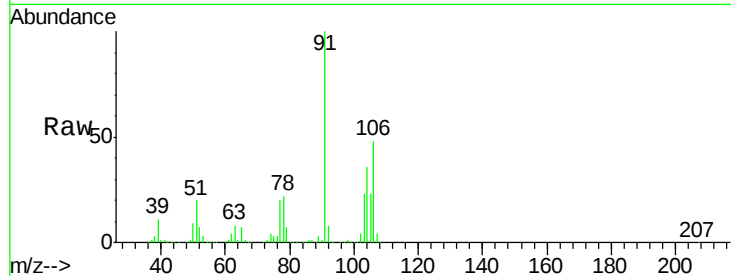




#69
o-Xylene
Concen: 50.64 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

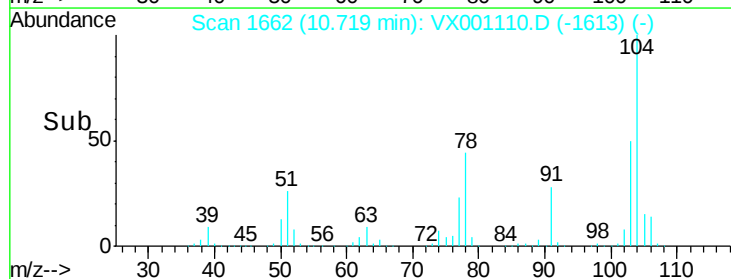
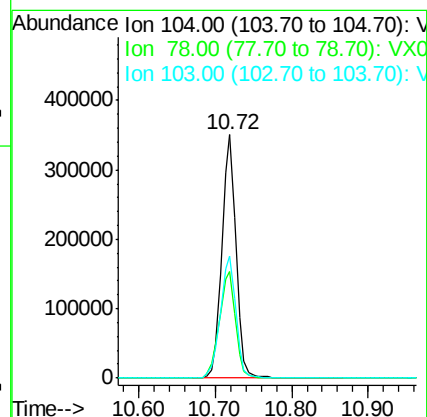
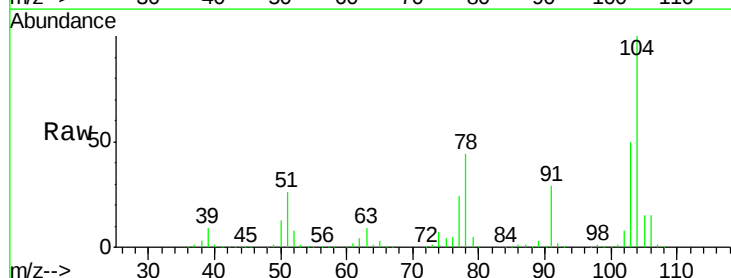
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

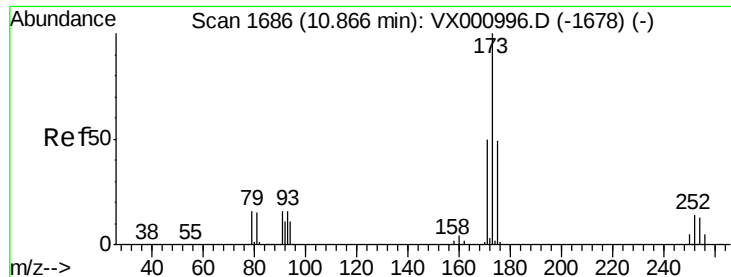
Tgt Ion:106 Resp: 272803
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.1



#70
Styrene
Concen: 50.78 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:104 Resp: 450492
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.2 44.2 66.2

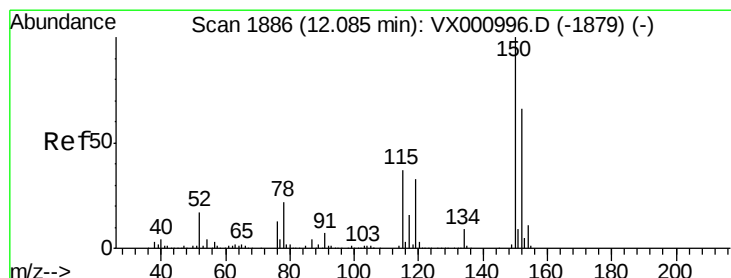
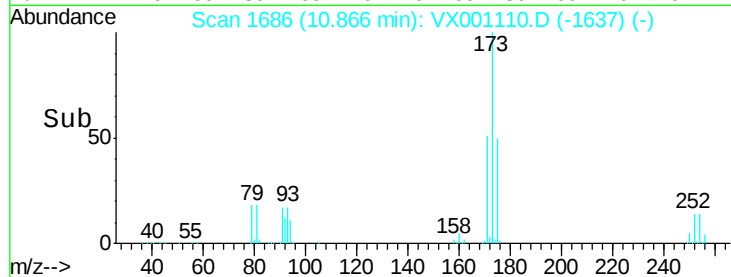
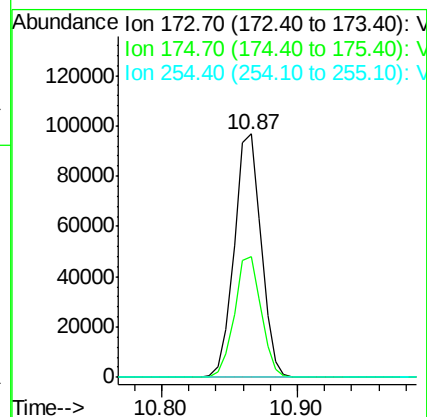
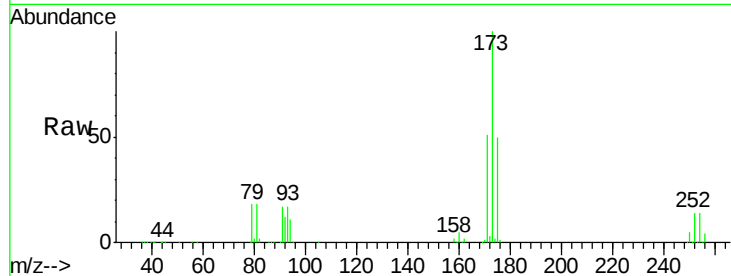




#71
Bromoform
Concen: 48.69 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

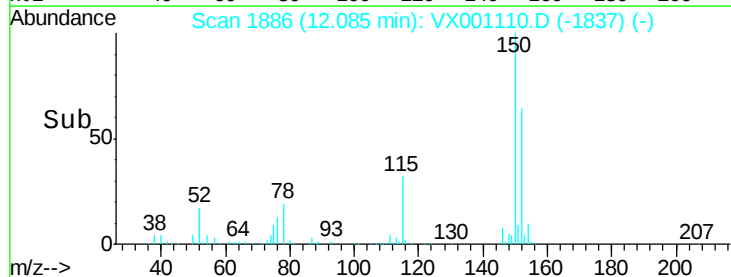
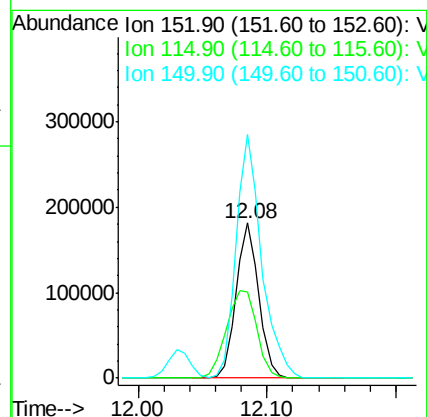
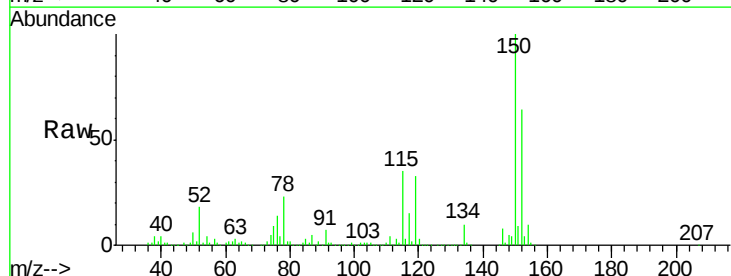
Instrument :
MSVOA_X
ClientSampleId :
LF015MW001-180416MSD

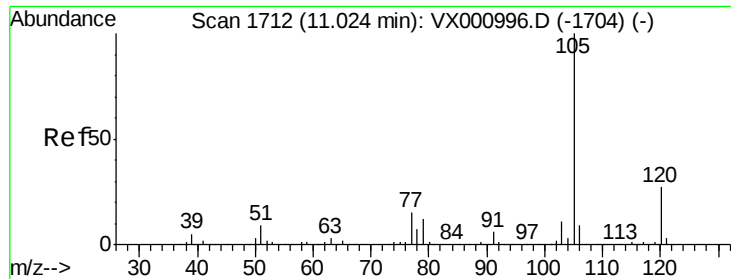
Tgt Ion:173 Resp: 132638
Ion Ratio Lower Upper
173 100
175 49.4 24.8 74.3
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001110.D
Acq: 25 Apr 2018 06:23

Tgt Ion:152 Resp: 222055
Ion Ratio Lower Upper
152 100
115 76.8 38.2 114.6
150 177.7 0.0 350.4





#73

Isopropylbenzene

Concen: 50.25 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

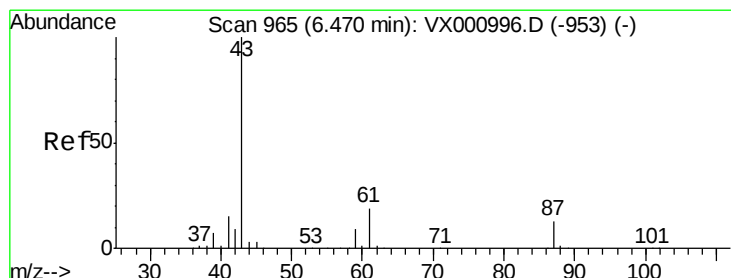
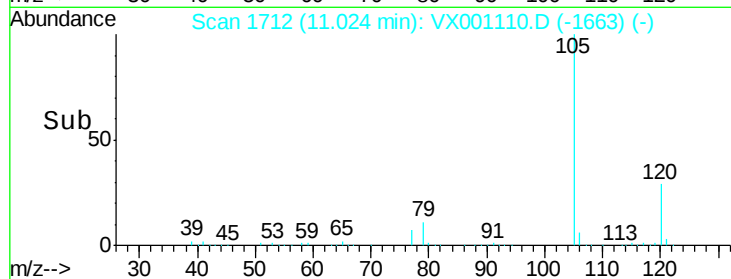
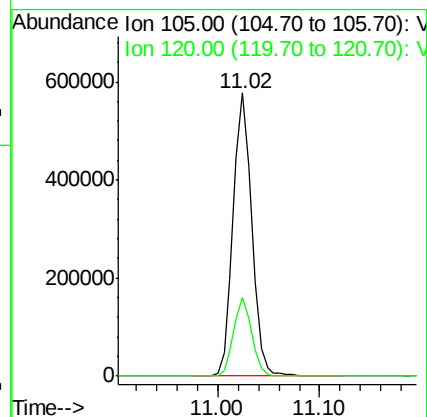
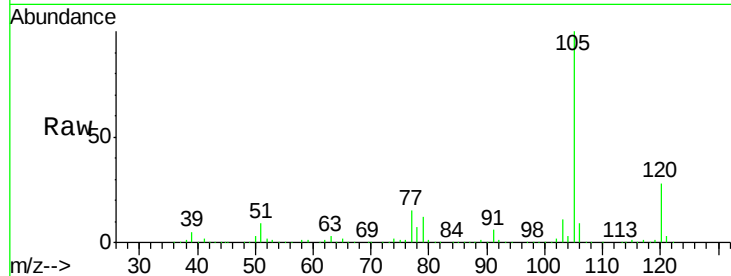
LF015MW001-180416MSD

Tgt Ion: 105 Resp: 729421

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 51.93 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Tgt Ion: 43 Resp: 322456

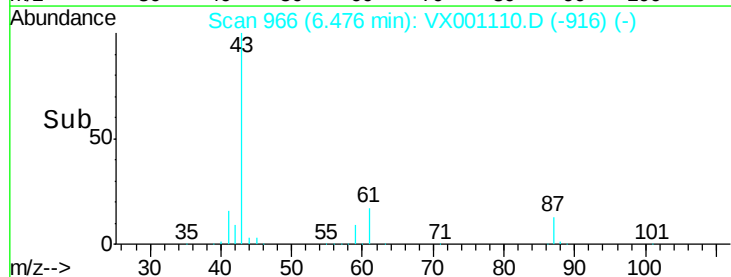
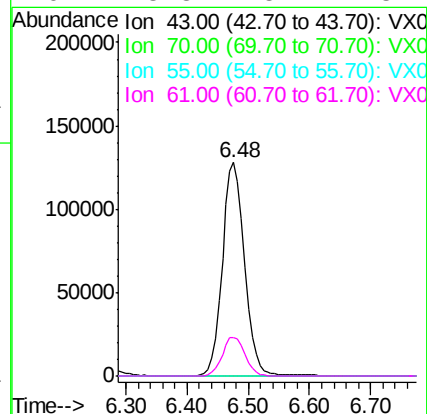
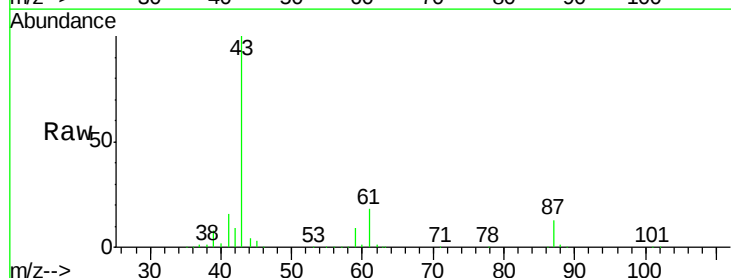
Ion Ratio Lower Upper

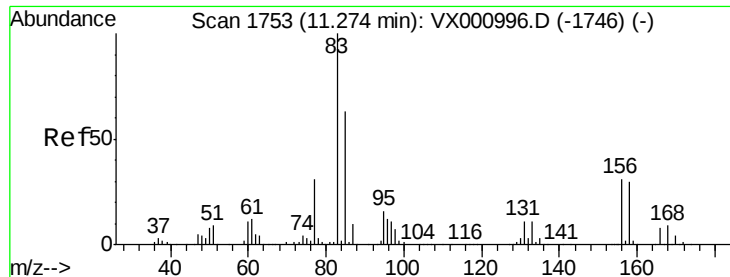
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.8 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.49 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

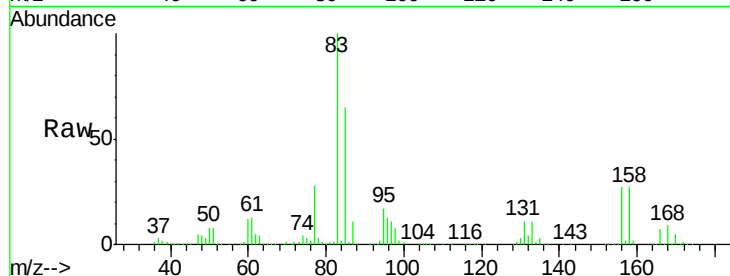
Tgt Ion: 83 Resp: 228038

Ion Ratio Lower Upper

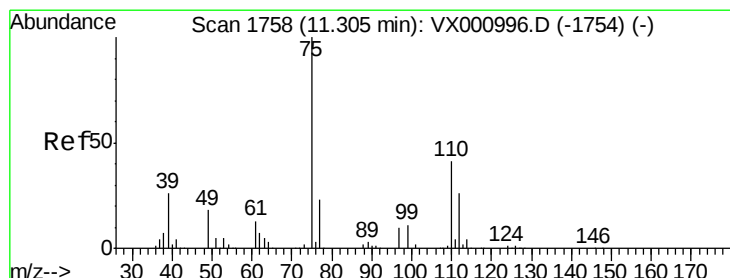
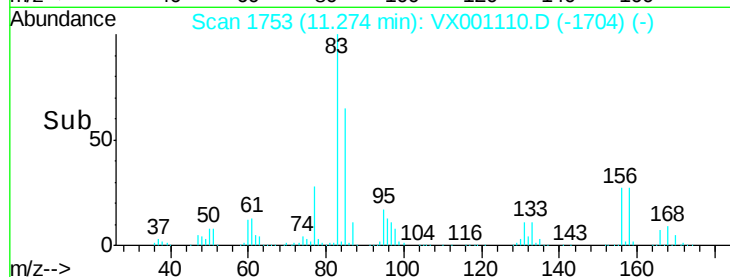
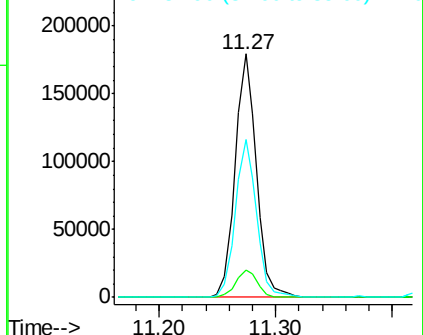
83 100

131 11.5 5.8 17.4

85 64.9 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: 61.40 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001110.D

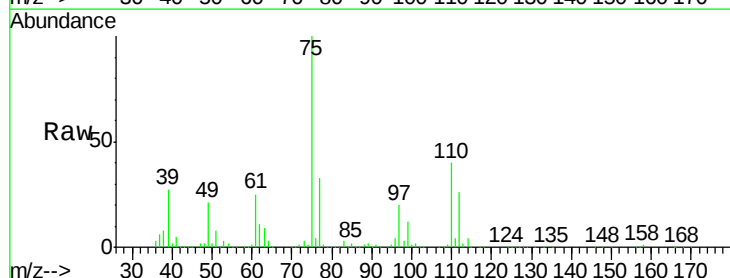
Acq: 25 Apr 2018 06:23

Tgt Ion: 75 Resp: 236548

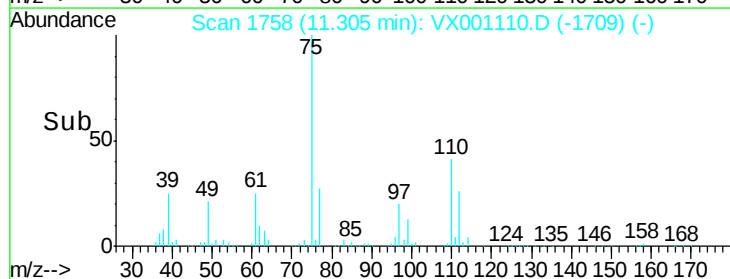
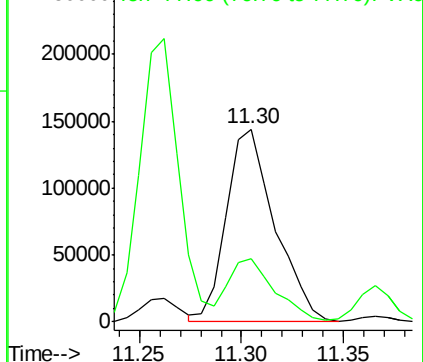
Ion Ratio Lower Upper

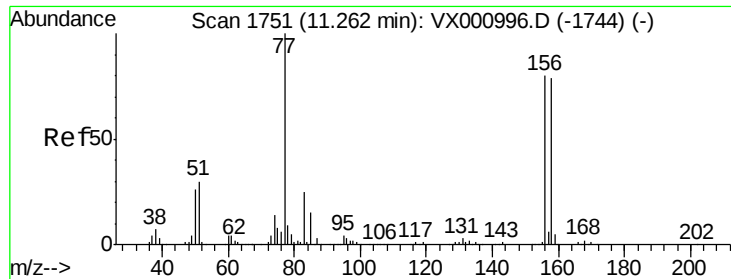
75 100

77 31.2 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: 49.72 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

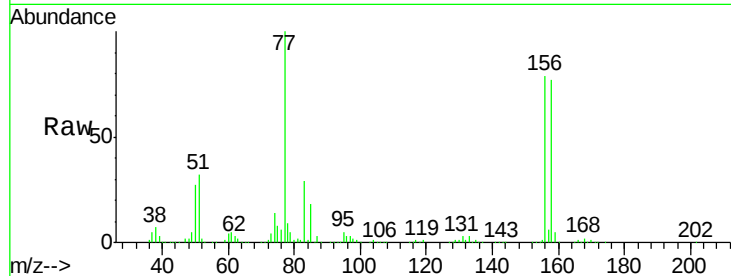
Tgt Ion: 156 Resp: 209523

Ion Ratio Lower Upper

156 100

77 134.5 66.3 199.0

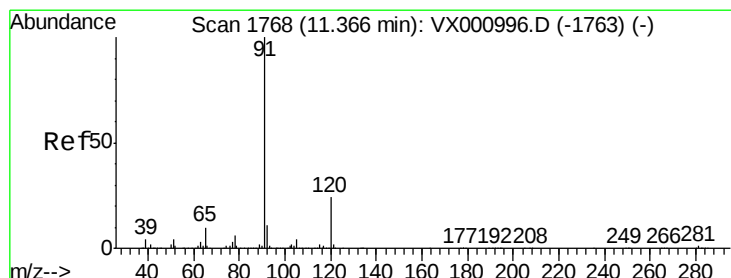
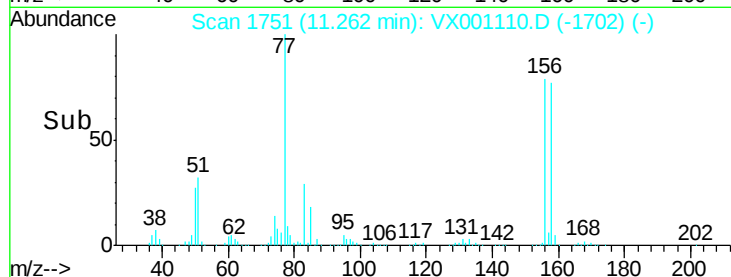
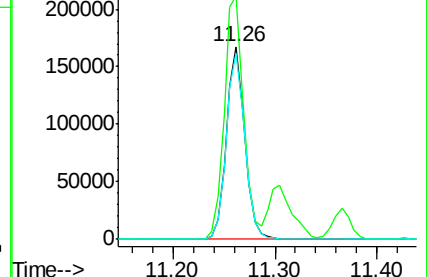
158 98.5 48.9 146.6



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: 49.20 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001110.D

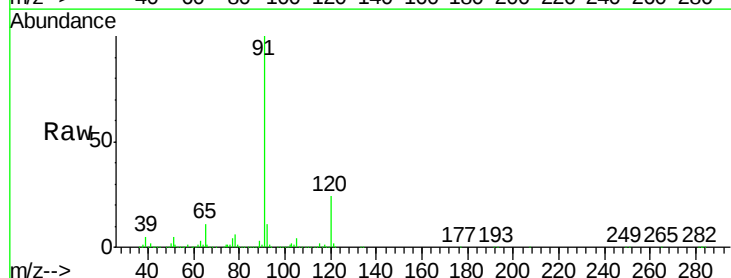
Acq: 25 Apr 2018 06:23

Tgt Ion: 91 Resp: 819998

Ion Ratio Lower Upper

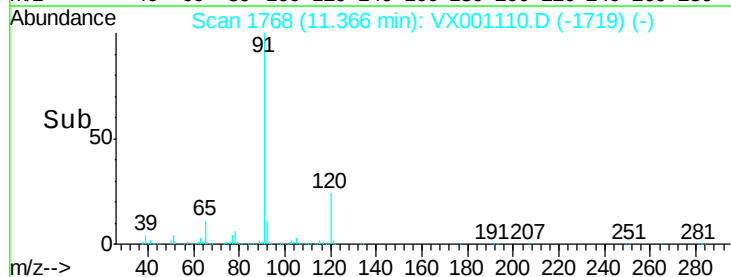
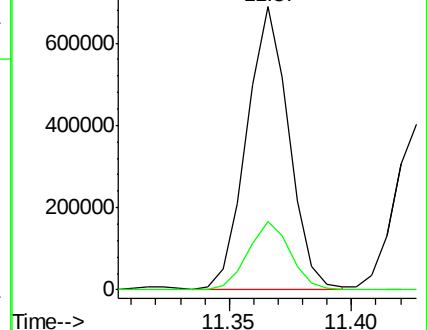
91 100

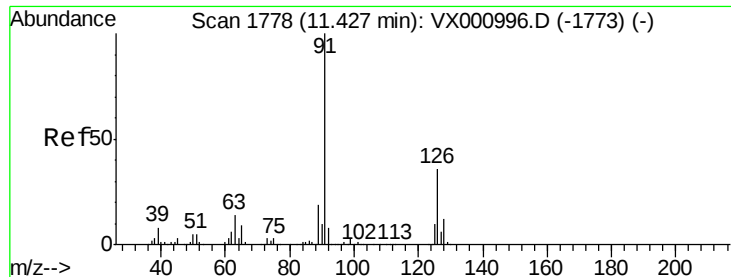
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.38 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

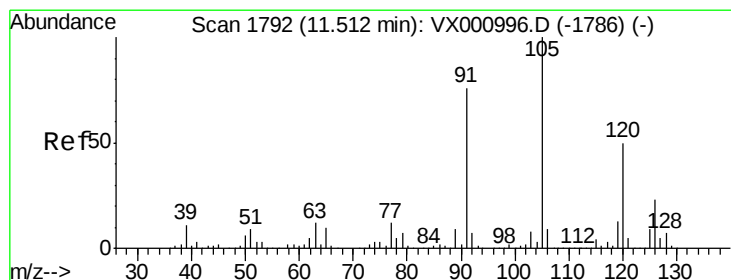
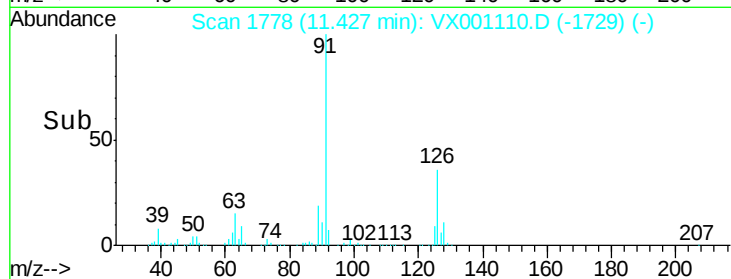
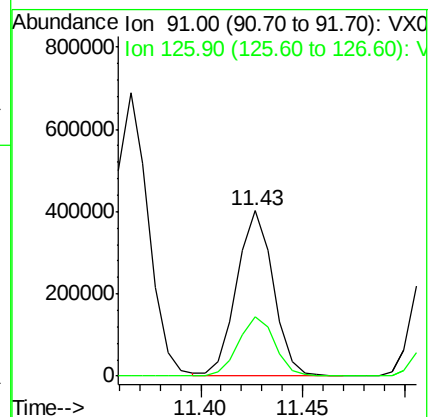
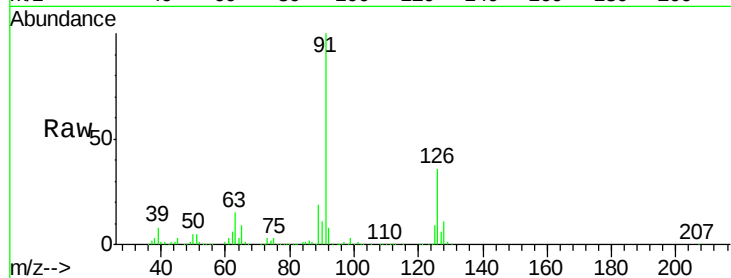
LF015MW001-180416MSD

Tgt Ion: 91 Resp: 496120

Ion Ratio Lower Upper

91 100

126 36.1 18.3 54.9



#80

1,3,5-Trimethylbenzene

Concen: 50.73 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001110.D

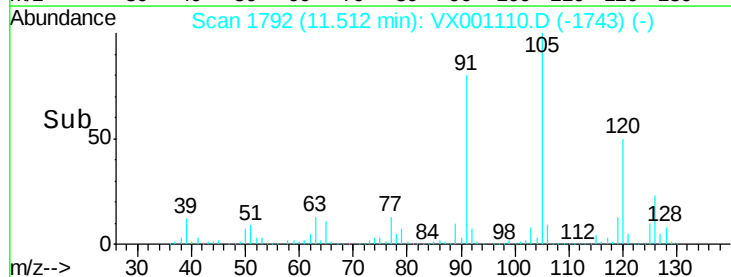
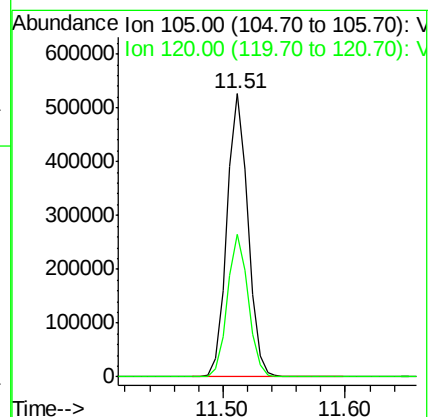
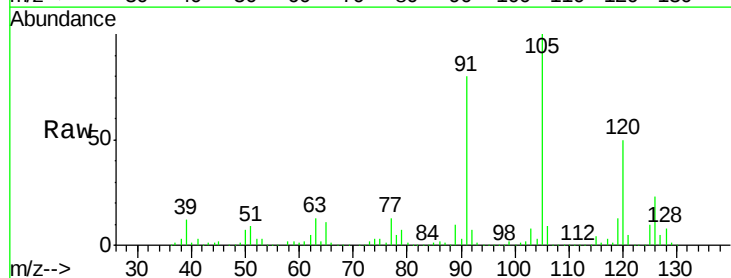
Acq: 25 Apr 2018 06:23

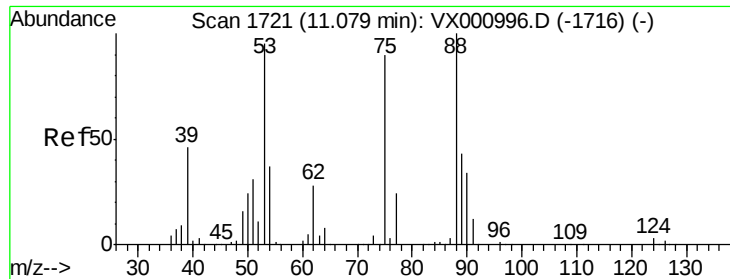
Tgt Ion: 105 Resp: 624298

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 34.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

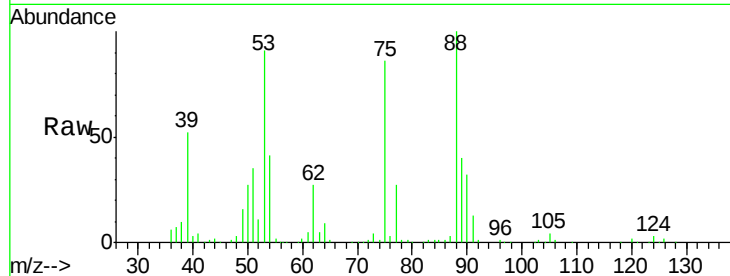
Tgt Ion: 75 Resp: 41412

Ion Ratio Lower Upper

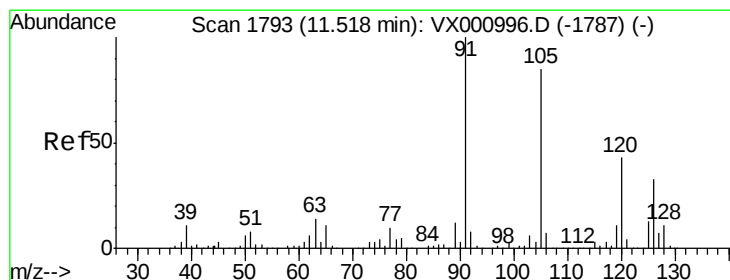
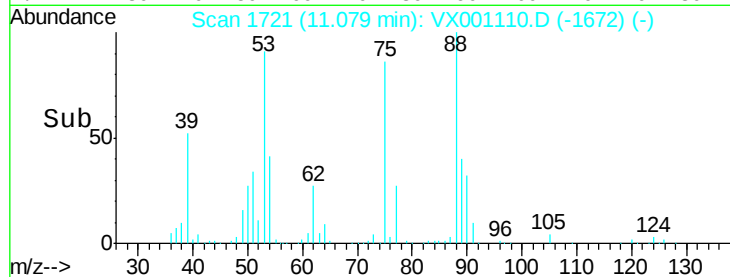
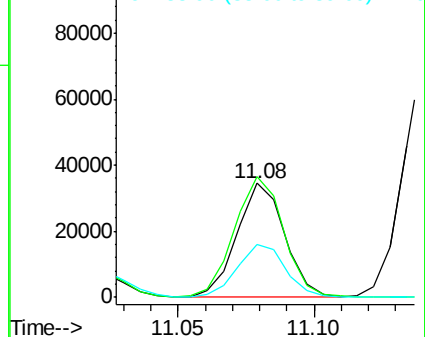
75 100

53 110.1 83.4 125.2

89 47.7 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: 49.60 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001110.D

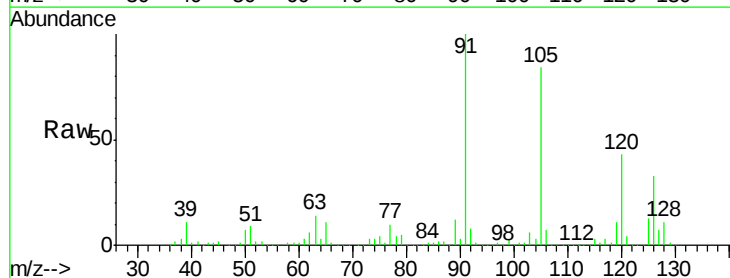
Acq: 25 Apr 2018 06:23

Tgt Ion: 91 Resp: 590168

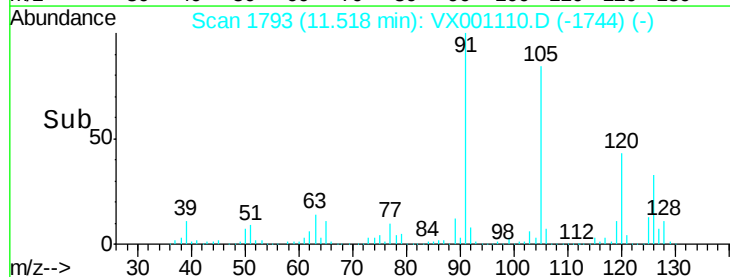
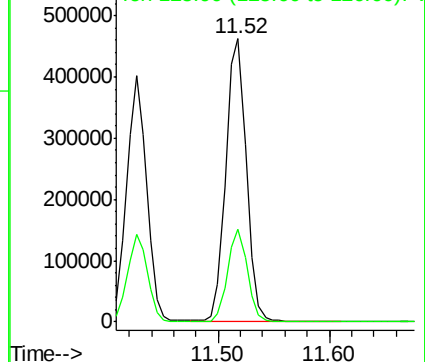
Ion Ratio Lower Upper

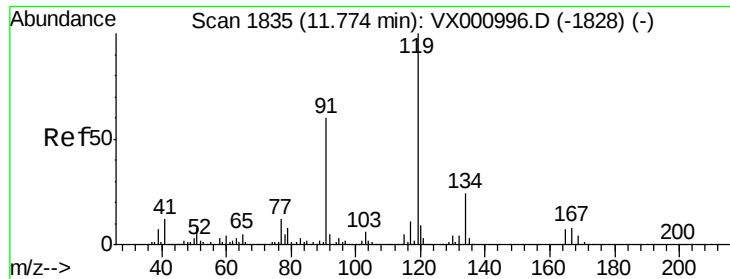
91 100

126 31.7 16.2 48.5



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

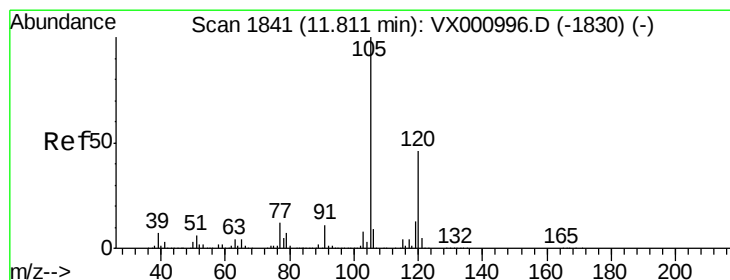
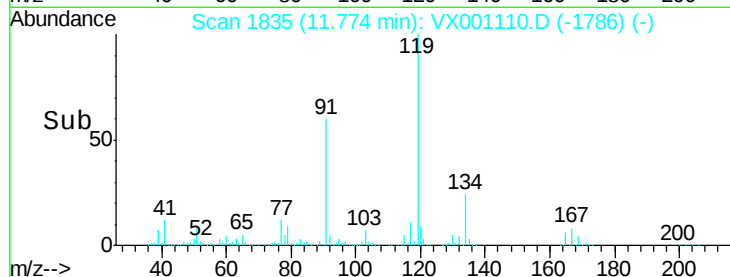
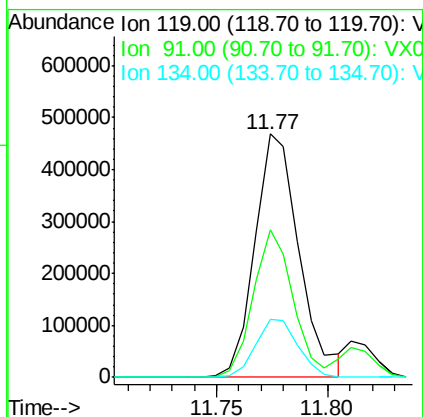
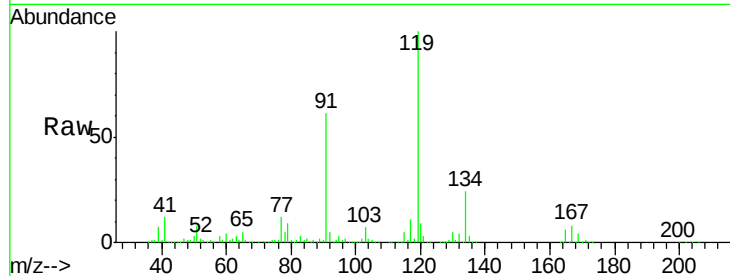




#83
 tert-Butylbenzene
 Concen: 52.21 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

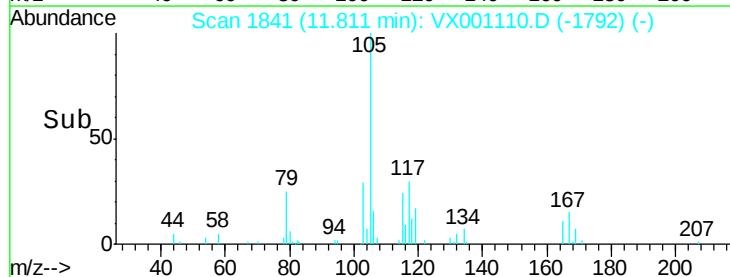
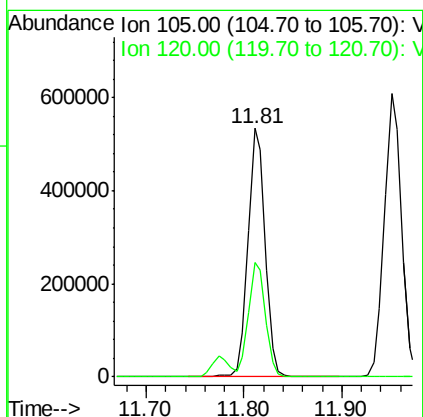
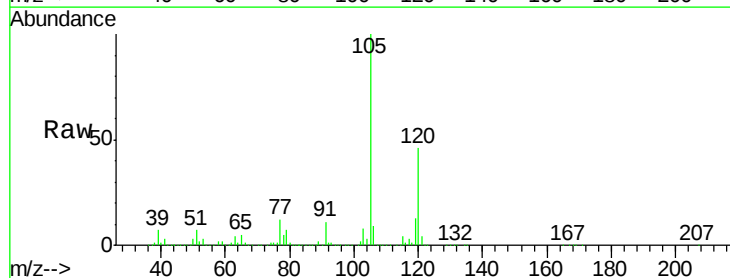
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

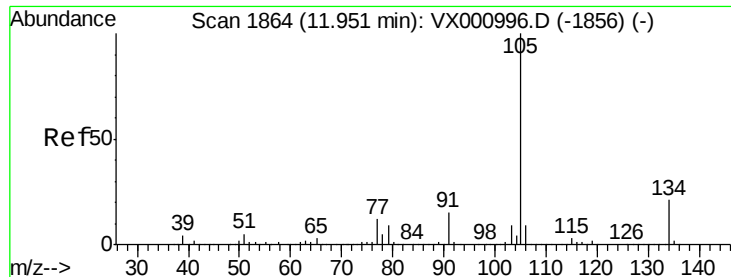
Tgt Ion:119 Resp: 648117
 Ion Ratio Lower Upper
 119 100
 91 54.7 27.0 81.0
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.10 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion:105 Resp: 647091
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.47 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

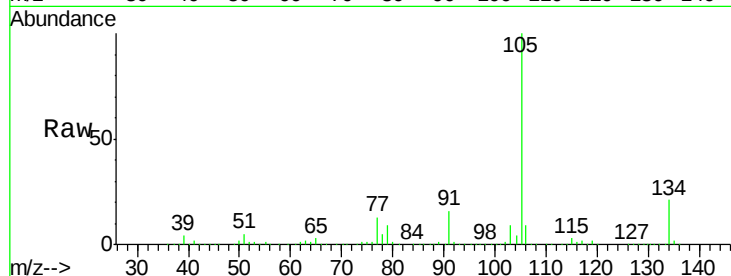
LF015MW001-180416MSD

Tgt Ion:105 Resp: 747809

Ion Ratio Lower Upper

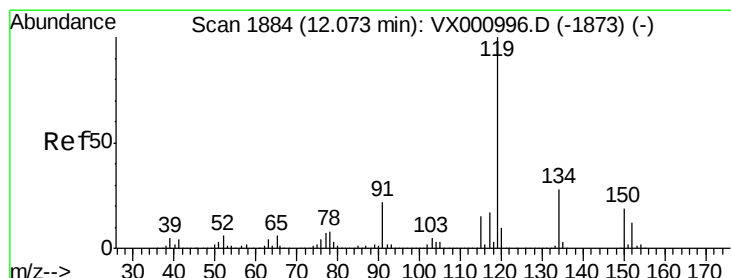
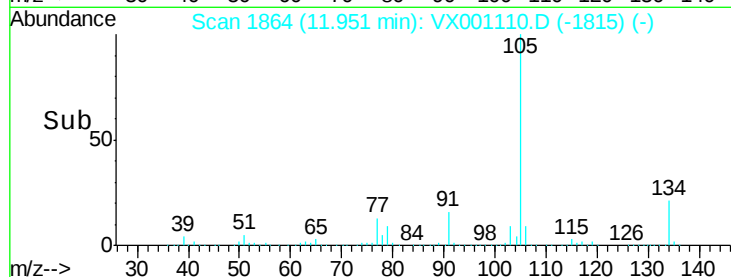
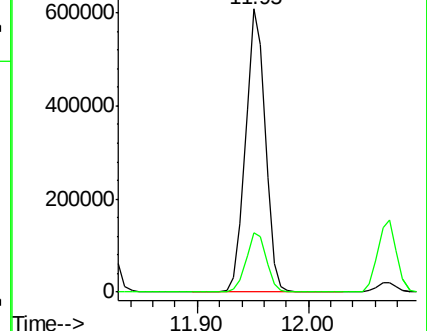
105 100

134 21.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.47 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

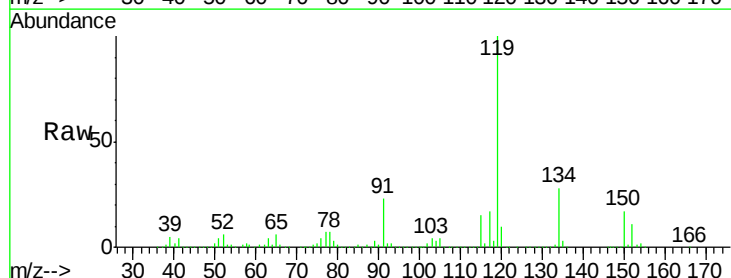
Tgt Ion:119 Resp: 678075

Ion Ratio Lower Upper

119 100

134 27.2 13.5 40.5

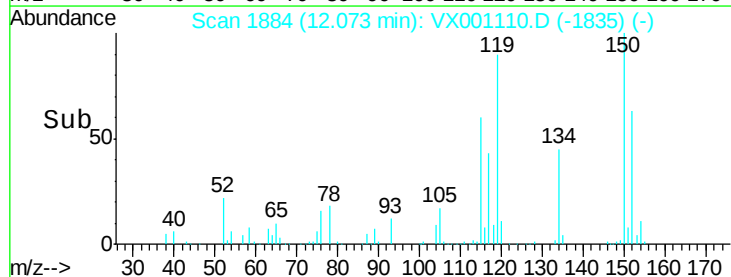
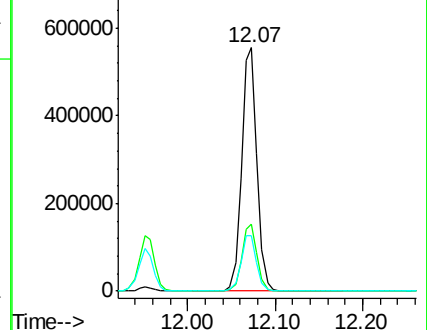
91 23.2 11.4 34.1

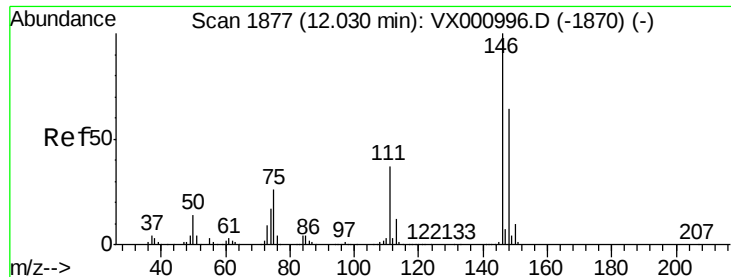


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.22 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

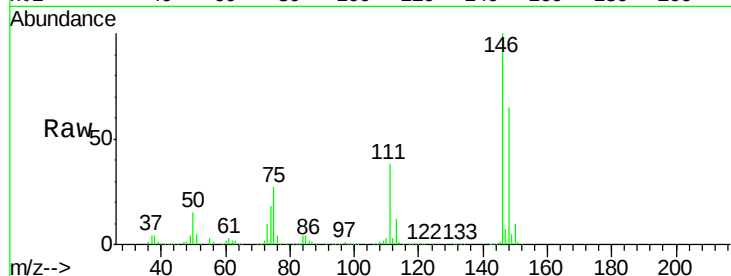
Tgt Ion:146 Resp: 388298

Ion Ratio Lower Upper

146 100

111 37.1 18.3 54.8

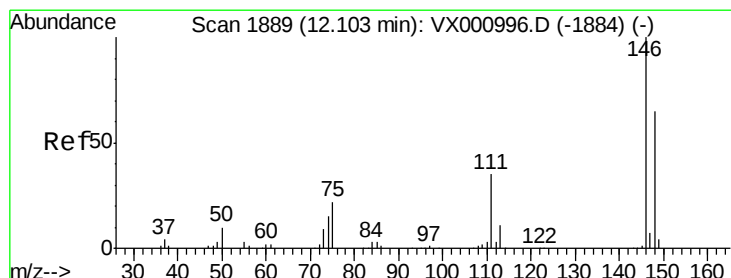
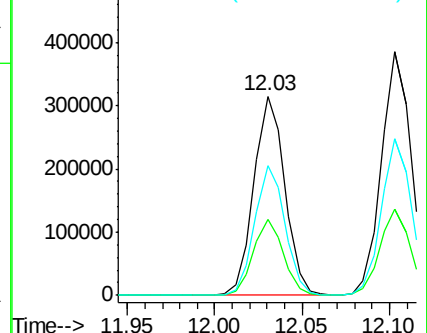
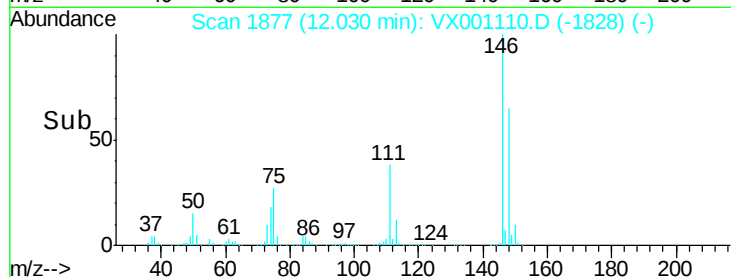
148 64.2 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 56.47 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

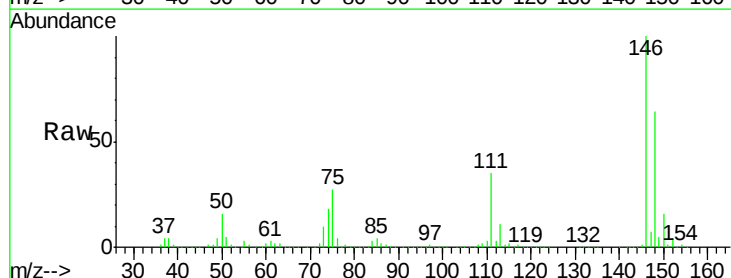
Tgt Ion:146 Resp: 457242

Ion Ratio Lower Upper

146 100

111 35.9 18.0 54.0

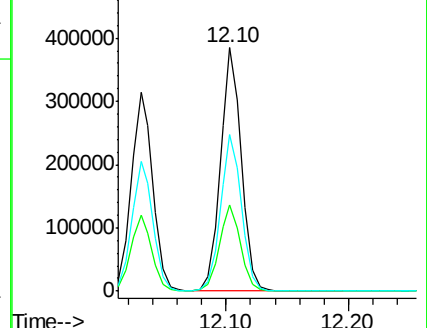
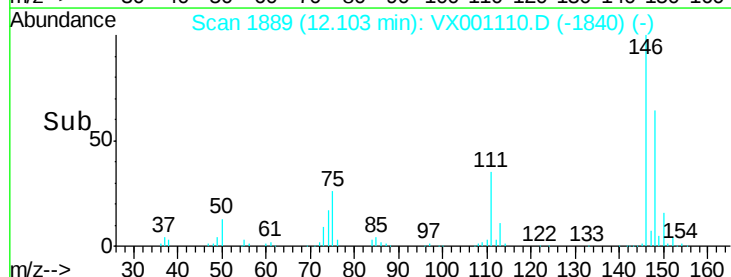
148 64.6 32.4 97.0

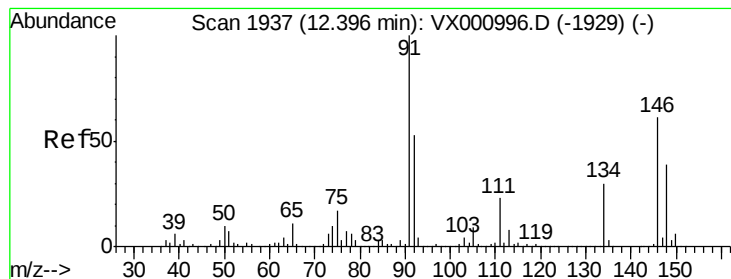


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.16 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

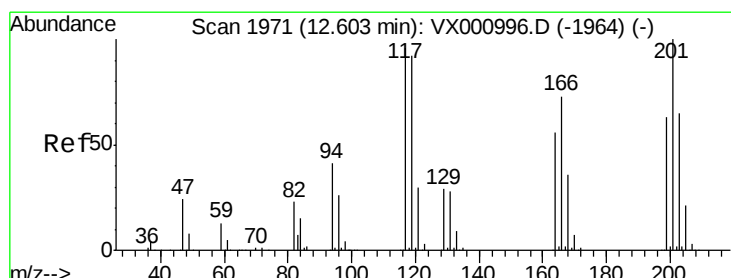
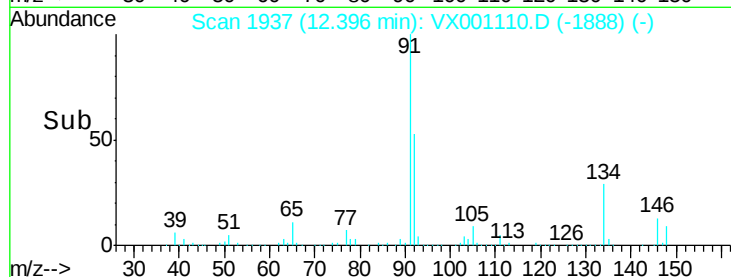
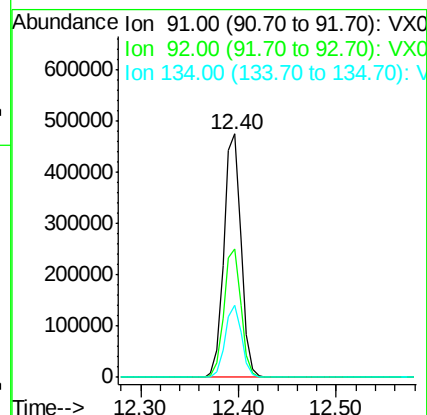
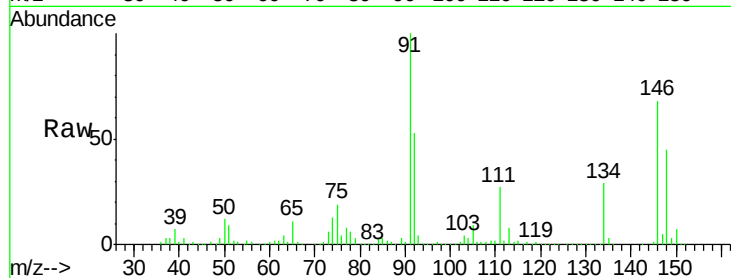
Tgt Ion: 91 Resp: 575167

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 28.4 14.4 43.0



#90

Hexachloroethane

Concen: 54.23 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001110.D

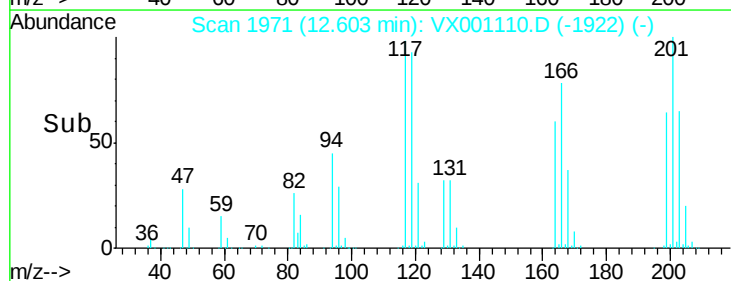
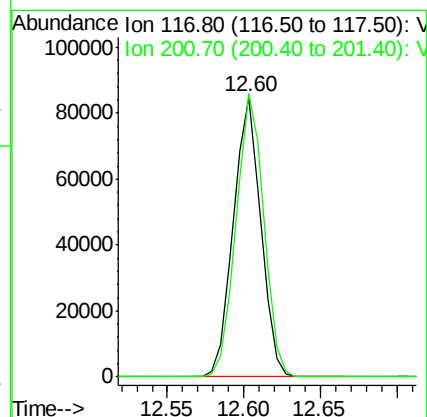
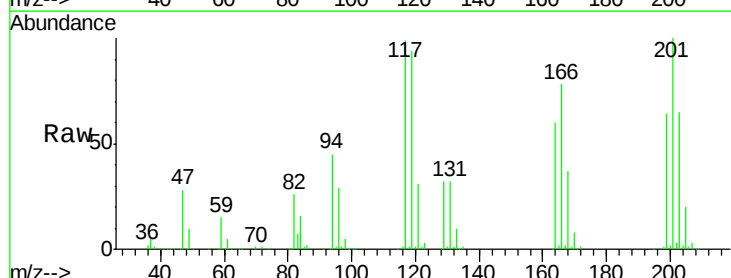
Acq: 25 Apr 2018 06:23

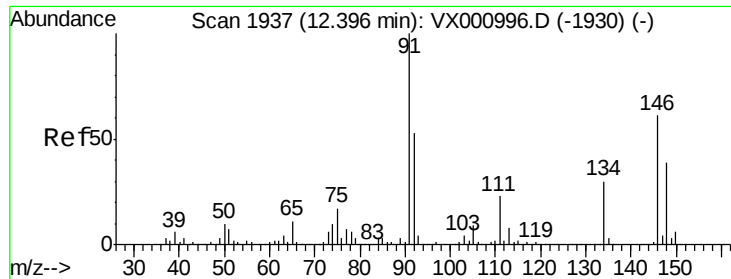
Tgt Ion: 117 Resp: 105333

Ion Ratio Lower Upper

117 100

201 102.2 52.3 157.1

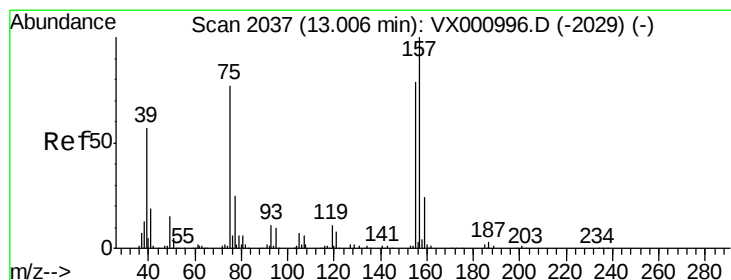
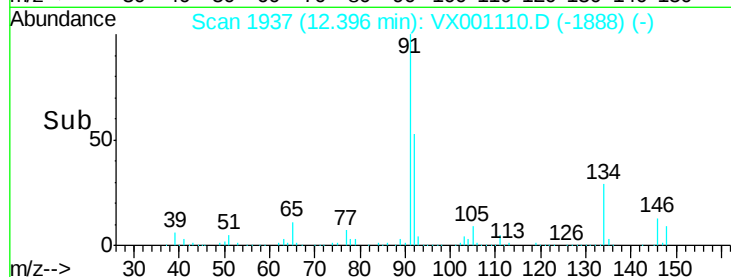
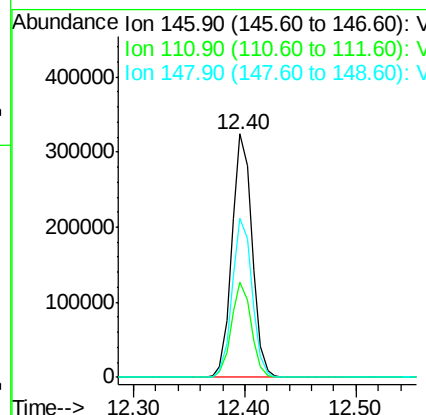
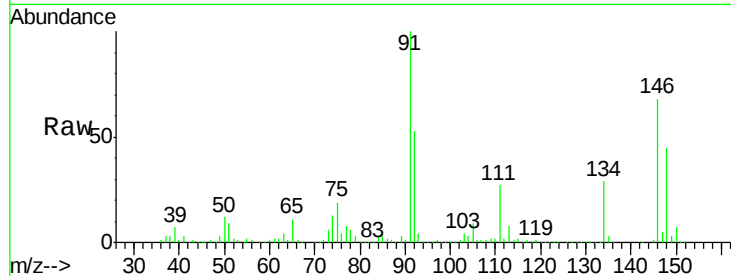




#91
 1,2-Dichlorobenzene
 Concen: 52.94 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

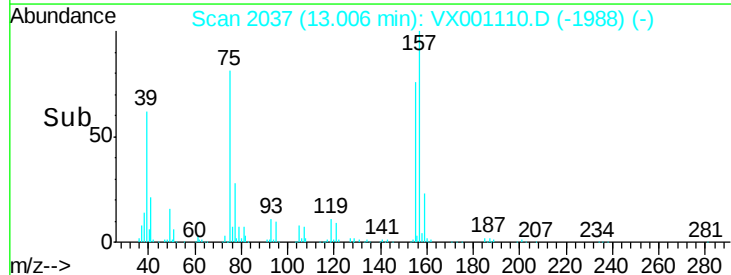
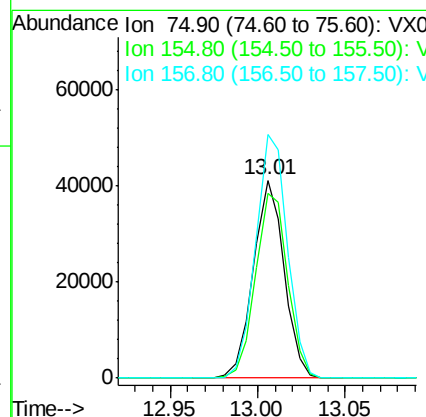
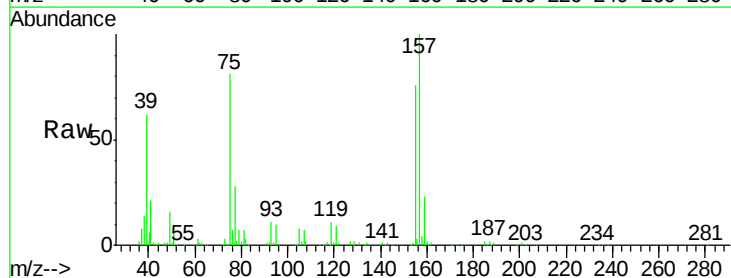
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

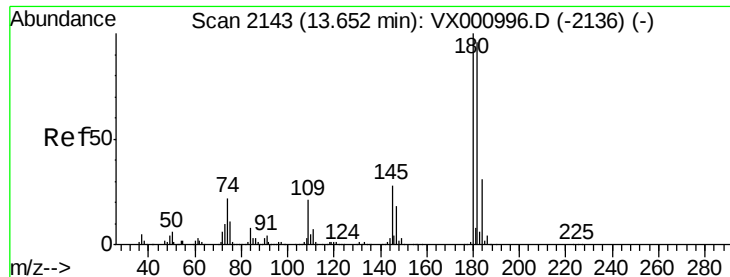
Tgt Ion: 146 Resp: 404297
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 56.0
 148 64.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.48 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion: 75 Resp: 50350
 Ion Ratio Lower Upper
 75 100
 155 97.3 51.0 153.0
 157 127.0 64.9 194.7

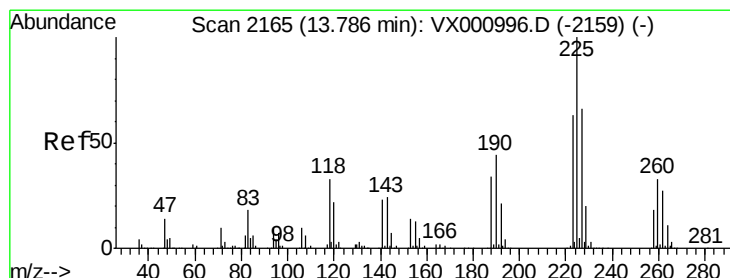
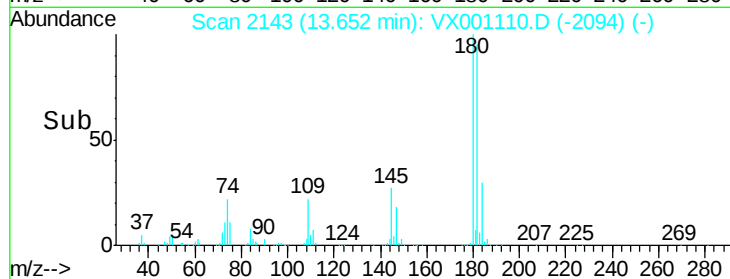
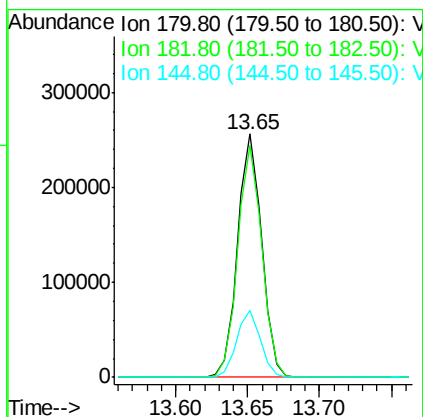
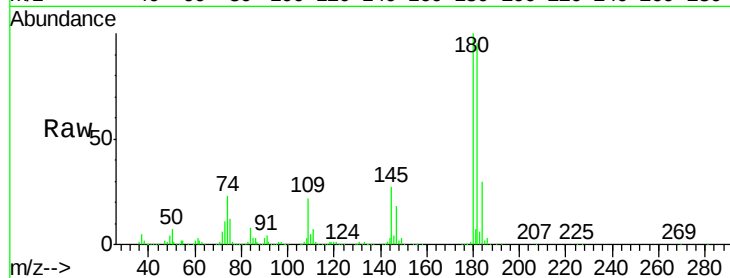




#93
 1,2,4-Trichlorobenzene
 Concen: 46.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

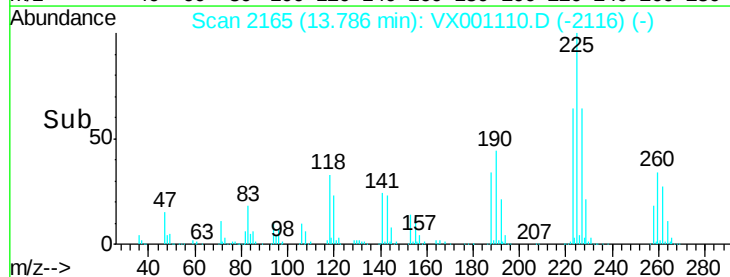
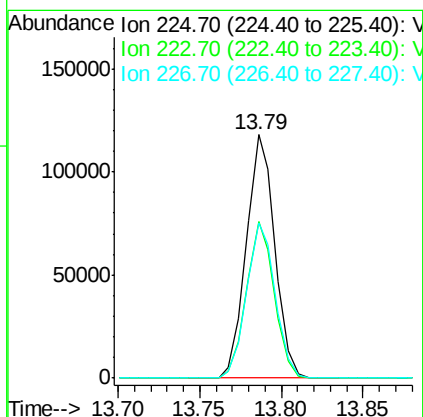
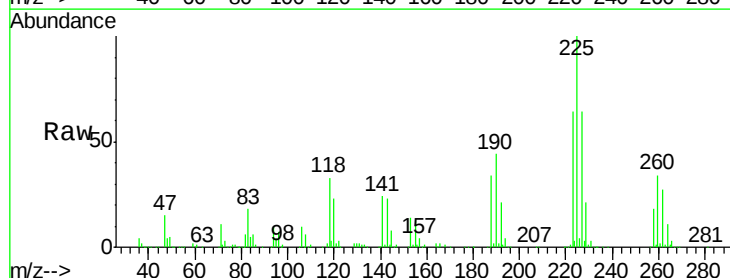
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW001-180416MSD

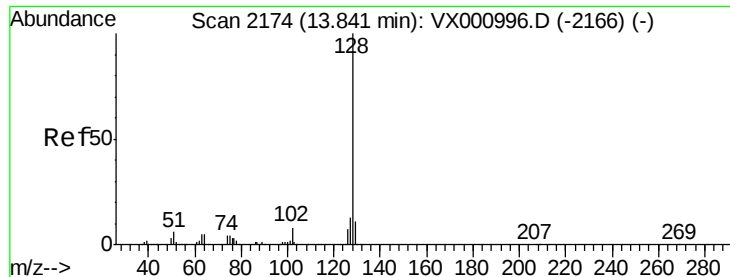
Tgt Ion:180 Resp: 299145
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.0 144.0
 145 27.4 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 49.48 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001110.D
 Acq: 25 Apr 2018 06:23

Tgt Ion:225 Resp: 143544
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.5 94.5
 227 64.1 32.6 97.8





#95

Naphthalene

Concen: 53.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

Instrument :

MSVOA_X

ClientSampleId :

LF015MW001-180416MSD

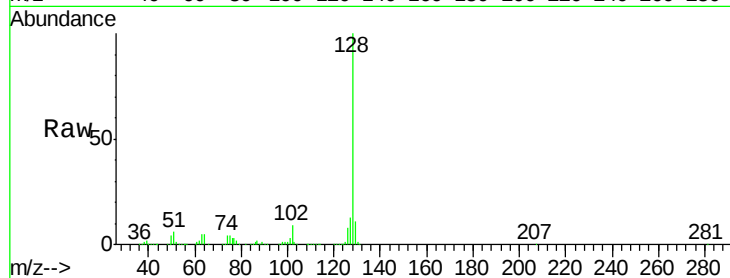
Tgt Ion:128 Resp: 850613

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

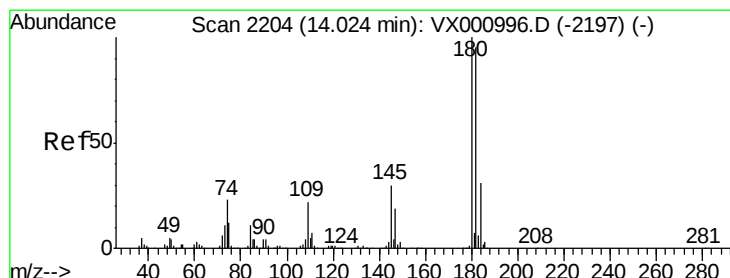
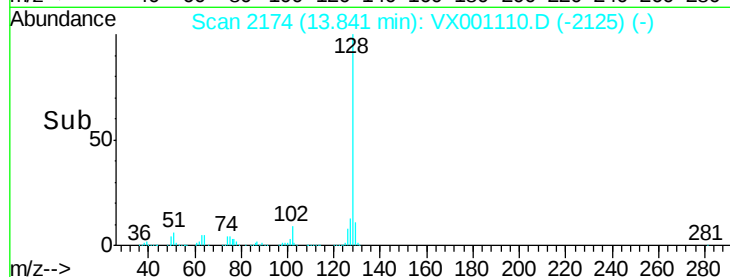
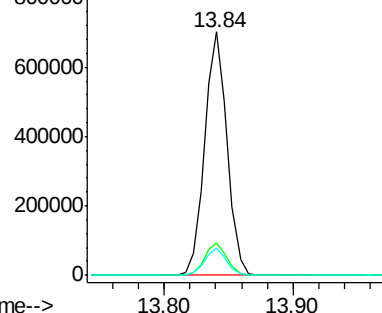
129 11.0 8.7 13.1



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: 48.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001110.D

Acq: 25 Apr 2018 06:23

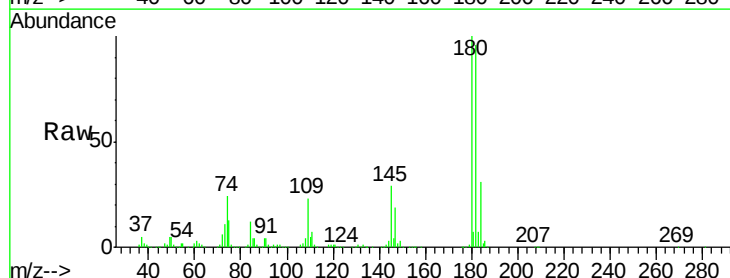
Tgt Ion:180 Resp: 303782

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 29.0 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

