

Data File : VX001140.D

Acq On : 26 Apr 2018 19:11

Operator : JC/MD

Sample : VSTDICC150

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Apr 27 01:25:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	312593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	217646	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	493527	166.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.28%	
35) Dibromofluoromethane	5.51	113	400071	165.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.64%	
50) Toluene-d8	8.73	98	1483189	165.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.84%	
62) 4-Bromofluorobenzene	11.15	95	618856	165.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	353223	132.03	ug/l	98
3) Chloromethane	1.32	50	377072	147.27	ug/l	99
4) Vinyl Chloride	1.40	62	385384	143.65	ug/l	98
5) Bromomethane	1.64	94	234214	140.62	ug/l	98
6) Chloroethane	1.70	64	213806	131.93	ug/l	99
7) Trichlorofluoromethane	1.92	101	617044	151.52	ug/l	100
8) Diethyl Ether	2.19	74	238967	156.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	343657	145.15	ug/l	99
10) Methyl Iodide	2.51	142	417947	208.04	ug/l	99
11) Tert butyl alcohol	3.11	59	526860	1070.97	ug/l	100
12) 1,1-Dichloroethene	2.37	96	331486	150.03	ug/l	99
13) Acrolein	2.30	56	200902	1210.34	ug/l	99
14) Allyl chloride	2.73	41	640626	158.41	ug/l	98
15) Acrylonitrile	3.16	53	1123658	916.51	ug/l	100
16) Acetone	2.46	43	994576	871.43	ug/l	98
17) Carbon Disulfide	2.56	76	928669	149.34	ug/l	100
18) Methyl Acetate	2.79	43	549623	166.01	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	1251965	164.83	ug/l	99
20) Methylene Chloride	2.86	84	382303	149.68	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	368122	148.88	ug/l	99
22) Diisopropyl ether	3.89	45	1289256	164.74	ug/l	100
23) Vinyl Acetate	3.84	43	5726495	871.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	652268	150.07	ug/l	99
25) 2-Butanone	4.73	43	1608910	907.81	ug/l	100
26) 2,2-Dichloropropane	4.59	77	531368	144.47	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	415099	150.91	ug/l	99
28) Bromochloromethane	5.03	49	291224	168.06	ug/l	99
29) Tetrahydrofuran	5.18	42	1044197	931.05	ug/l	100
30) Chloroform	5.23	83	716735	158.29	ug/l	98
31) Cyclohexane	5.58	56	560626	140.17	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	638528	158.26	ug/l	99
36) 1,1-Dichloropropene	5.81	75	513897	141.89	ug/l	99
37) Ethyl Acetate	4.88	43	634433	182.03	ug/l	99
38) Carbon Tetrachloride	5.79	117	568233	154.60	ug/l	99

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Quant Time: Apr 27 01:25:36 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	593796	142.03	ug/l	98
40) Benzene	6.15	78	1513629	148.72	ug/l	99
41) Methacrylonitrile	5.08	41	356198	165.56	ug/l	99
42) 1,2-Dichloroethane	6.21	62	607379	153.99	ug/l	100
43) Isopropyl Acetate	6.48	43	1051918	177.81	ug/l	100
44) Trichloroethene	7.22	130	442218	143.02	ug/l	96
45) 1,2-Dichloropropane	7.52	63	396193	154.14	ug/l	99
46) Dibromomethane	7.67	93	285369	158.20	ug/l	99
47) Bromodichloromethane	7.91	83	559963	168.59	ug/l	99
48) Methyl methacrylate	7.79	41	560320	176.68	ug/l	99
49) 1,4-Dioxane	7.77	88	213848	4233.60	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	3522403	965.57	ug/l	100
52) Toluene	8.79	92	1020668	153.80	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	663262	167.42	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	663779	177.83	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	433359	162.60	ug/l	98
56) Ethyl methacrylate	9.19	69	714790	181.66	ug/l	98
57) 1,3-Dichloropropane	9.38	76	695095	157.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1576251	828.52	ug/l	100
59) 2-Hexanone	9.51	43	2795235	996.51	ug/l	99
60) Dibromochloromethane	9.59	129	516631	185.25	ug/l	100
61) 1,2-Dibromoethane	9.68	107	476110	168.78	ug/l	99
64) Tetrachloroethene	9.34	164	452097	141.67	ug/l	98
65) Chlorobenzene	10.15	112	1209745	151.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	466181	169.20	ug/l	100
67) Ethyl Benzene	10.26	91	2006467	151.45	ug/l	99
68) m/p-Xylenes	10.37	106	1612030	308.71	ug/l	99
69) o-Xylene	10.71	106	798739	158.18	ug/l	99
70) Styrene	10.72	104	1370622	164.89	ug/l	99
71) Bromoform	10.87	173	481092	211.30	ug/l	100
73) Isopropylbenzene	11.02	105	2109055	148.98	ug/l	99
74) N-amyl acetate	6.48	43	1051918	168.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	749254	182.23	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	875622	225.50	ug/l	90
77) Bromobenzene	11.26	156	635492	154.15	ug/l	99
78) n-propylbenzene	11.37	91	2363279	145.49	ug/l	99
79) 2-Chlorotoluene	11.43	91	1449848	150.41	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1846263	153.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	232929	215.59	ug/l	94
82) 4-Chlorotoluene	11.52	91	1753047	150.60	ug/l	99
83) tert-Butylbenzene	11.78	119	1890702	156.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	1891468	152.57	ug/l	98
85) sec-Butylbenzene	11.95	105	2142179	148.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	2003015	150.06	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1156129	150.50	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1175423	148.70	ug/l	99
89) n-Butylbenzene	12.40	91	1800426	152.24	ug/l	99
90) Hexachloroethane	12.60	117	337264	178.94	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1172399	156.70	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	180875	205.79	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VSTDICC150

Quant Time: Apr 27 01:25:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	923046	148.50	ug/l	100
94) Hexachlorobutadiene	13.79	225	437035	154.23	ug/l	99
95) Naphthalene	13.84	128	2618720	167.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	909852	150.44	ug/l	99

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

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Acq On : 26 Apr 2018 19:11

Operator : JC/MD

Sample : VSTDICC150

Misc : 5.0mL/MSVOA X/WATER

ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

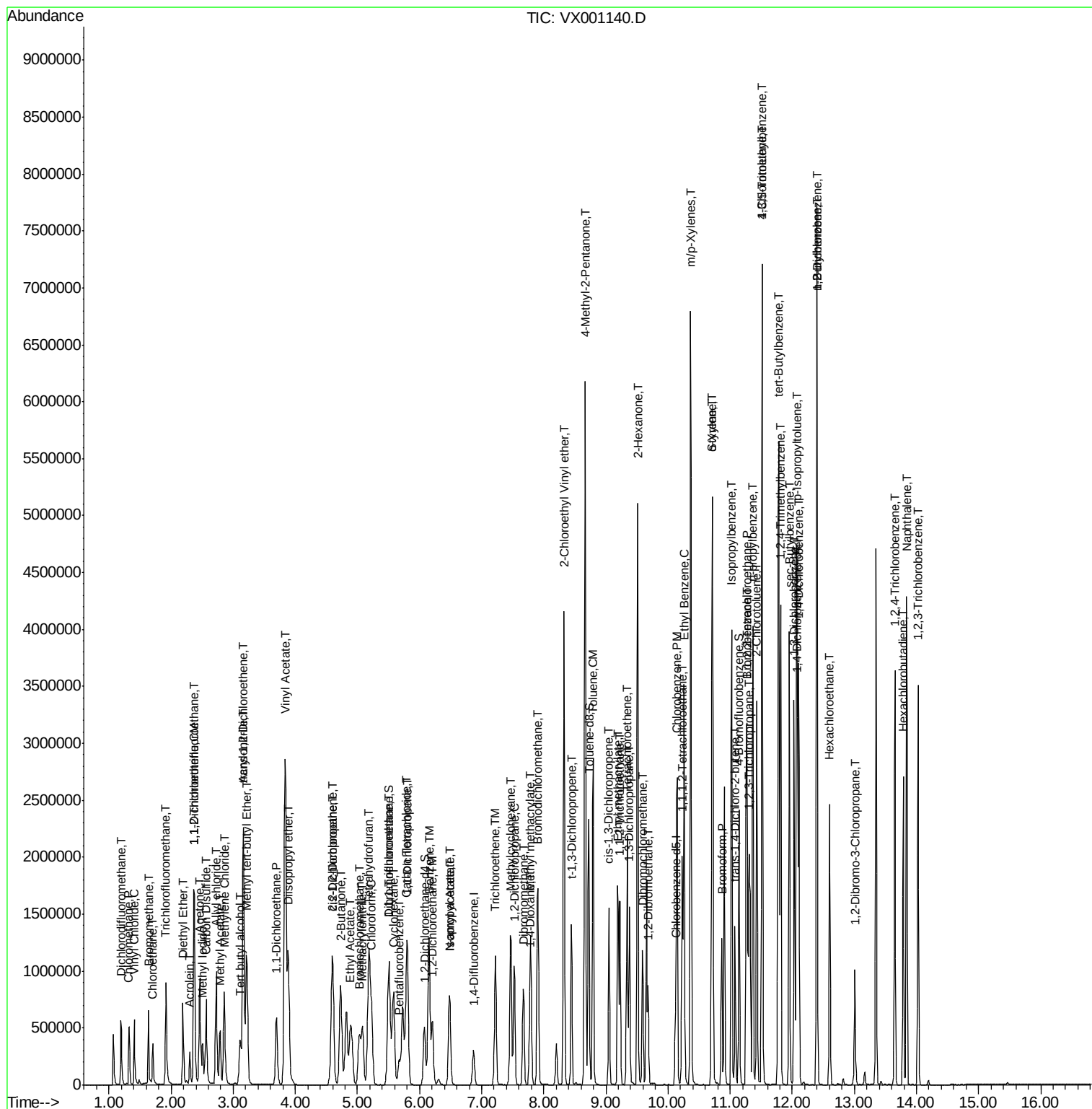
Quant Time: Apr 27 01:25:36 2018

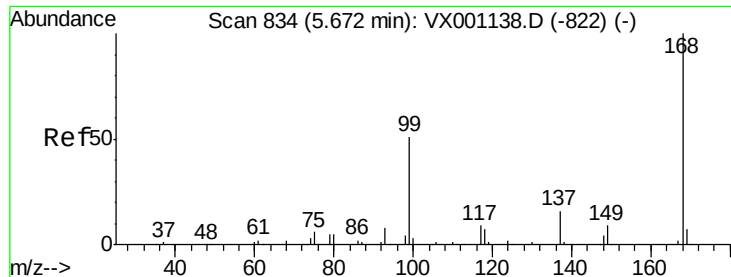
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 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: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

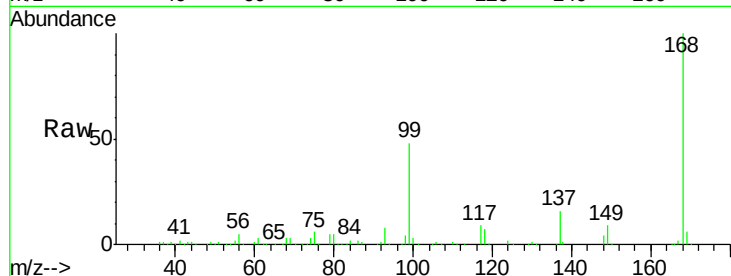
VSTDIC150

Tgt Ion:168 Resp: 226957

Ion Ratio Lower Upper

168 100

99 47.8 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

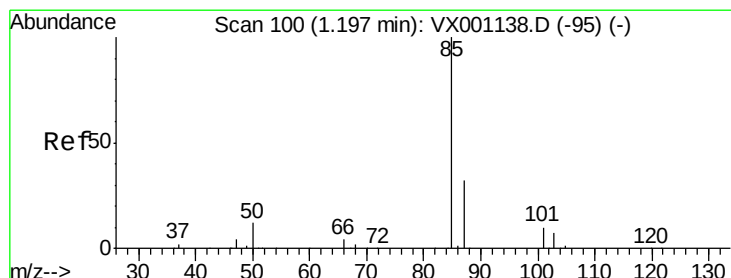
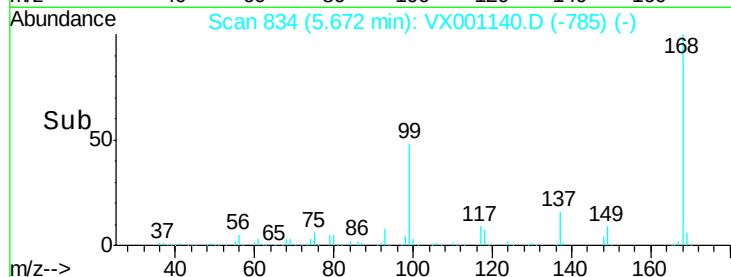
50000

0

5.67

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 132.03 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001140.D

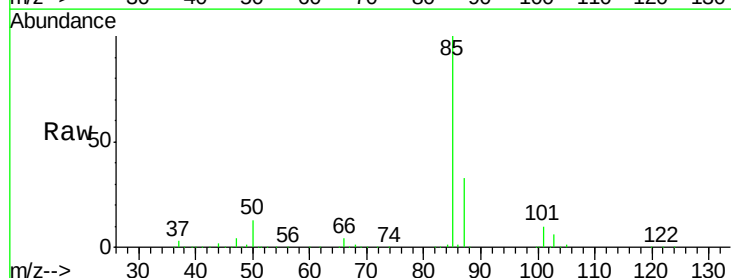
Acq: 26 Apr 2018 19:11

Tgt Ion: 85 Resp: 353223

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

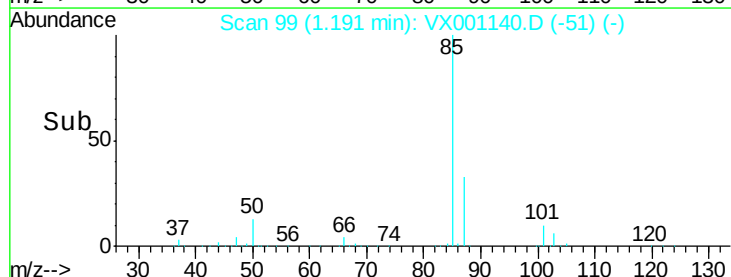
100000

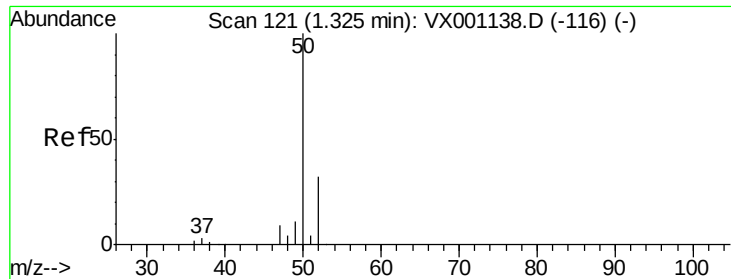
0

1.19

1.10 1.20 1.30 1.40

Time-->





#3

Chloromethane

Concen: 147.27 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

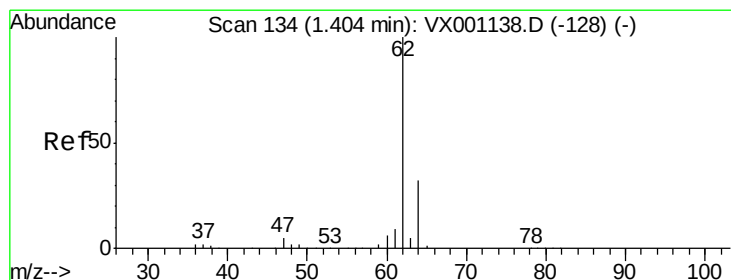
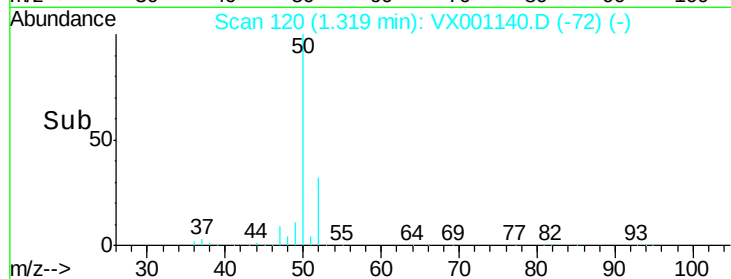
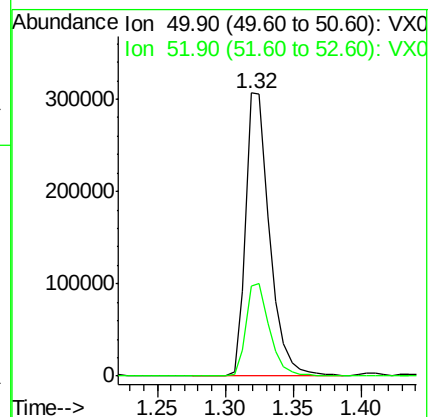
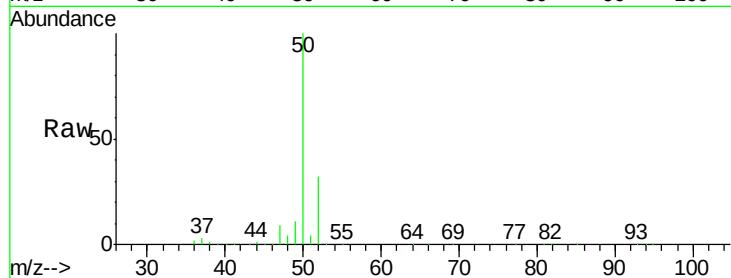
VSTDIC150

Tgt Ion: 50 Resp: 377072

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 143.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001140.D

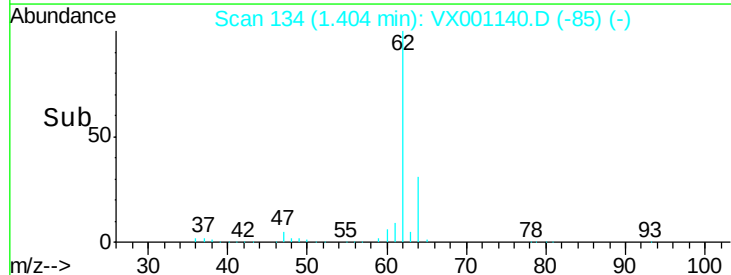
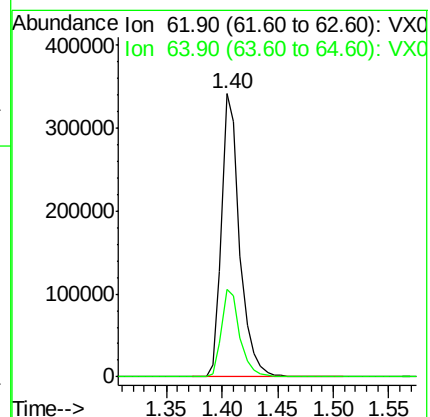
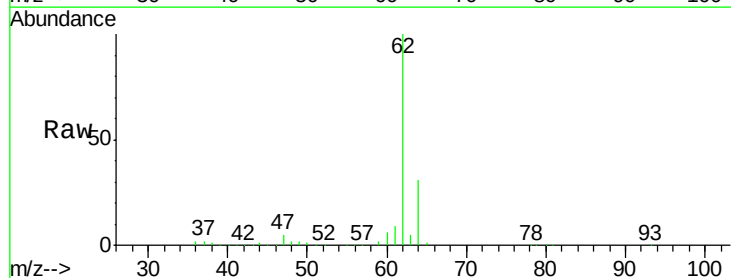
Acq: 26 Apr 2018 19:11

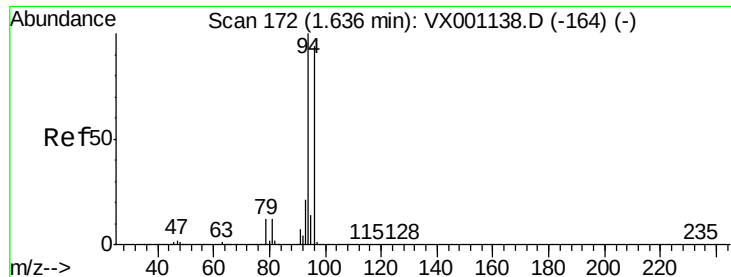
Tgt Ion: 62 Resp: 385384

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 140.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampled :

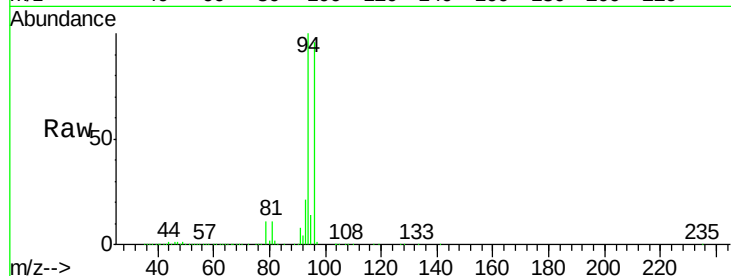
VSTDIC150

Tgt Ion: 94 Resp: 234214

Ion Ratio Lower Upper

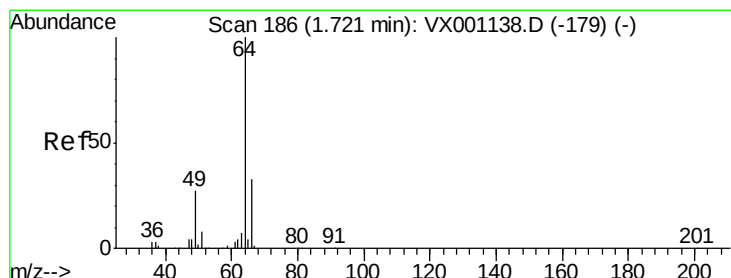
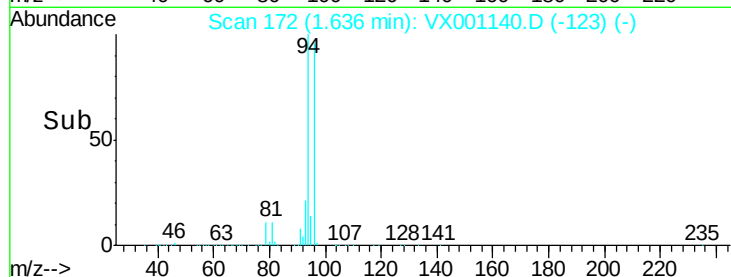
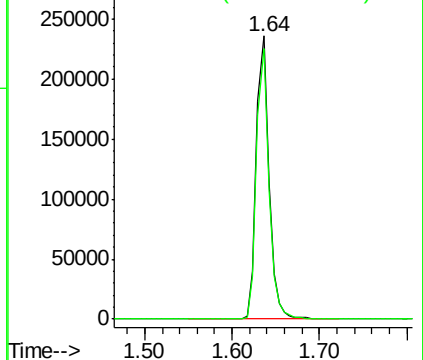
94 100

96 95.6 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 131.93 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX001140.D

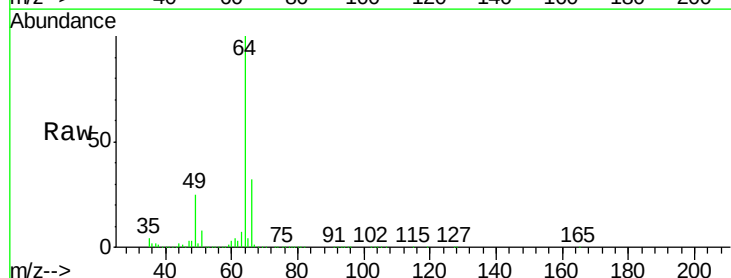
Acq: 26 Apr 2018 19:11

Tgt Ion: 64 Resp: 213806

Ion Ratio Lower Upper

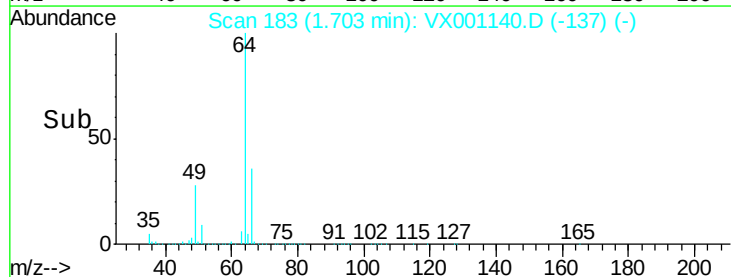
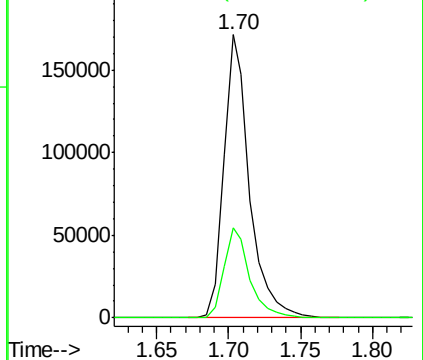
64 100

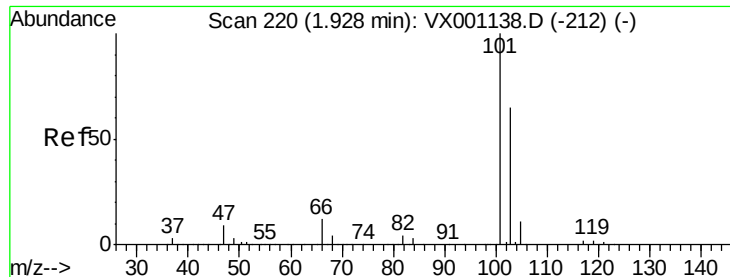
66 31.9 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



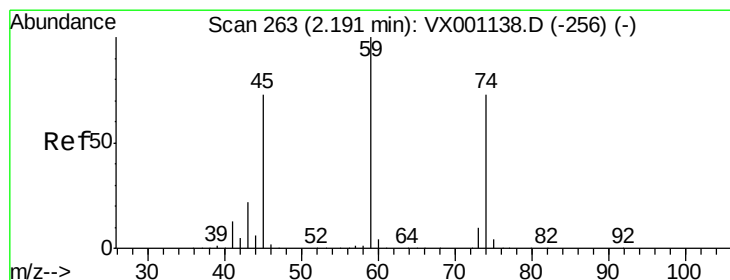
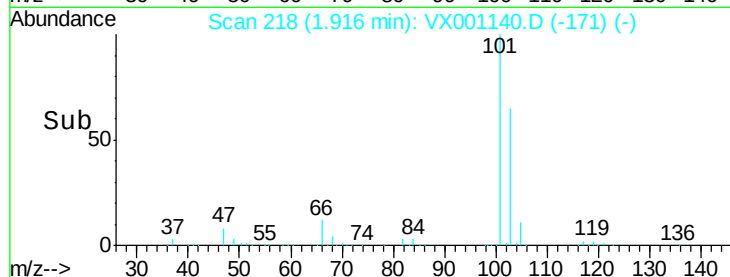
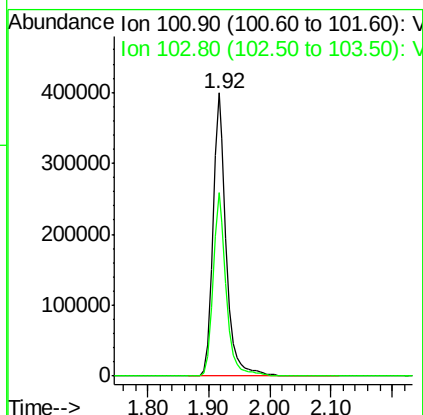
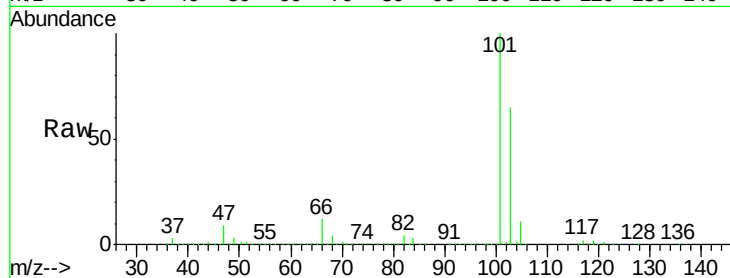


#7

Trichlorofluoromethane
 Concen: 151.52 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

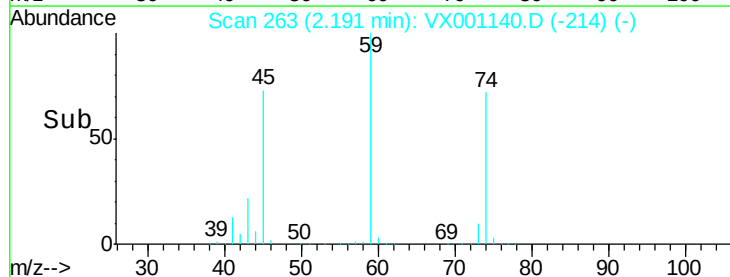
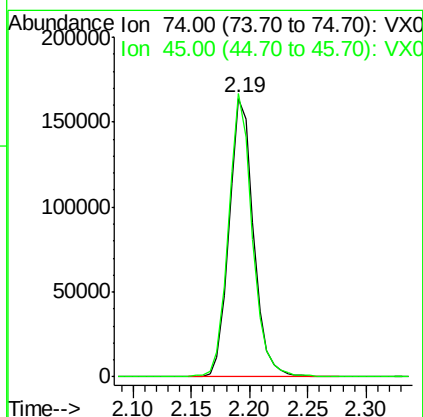
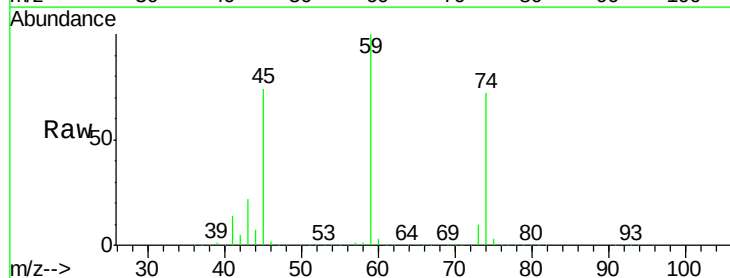
Tgt Ion: 101 Resp: 617044
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.9 77.9

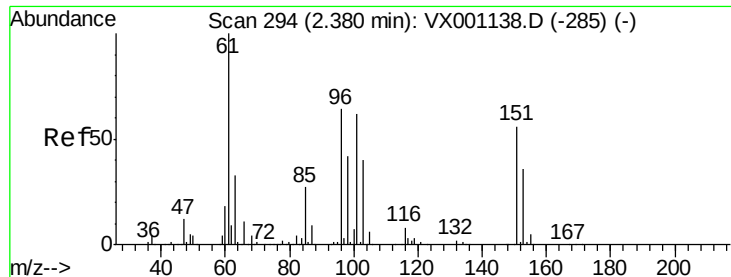


#8

Diethyl Ether
 Concen: 156.34 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 74 Resp: 238967
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 145.15 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

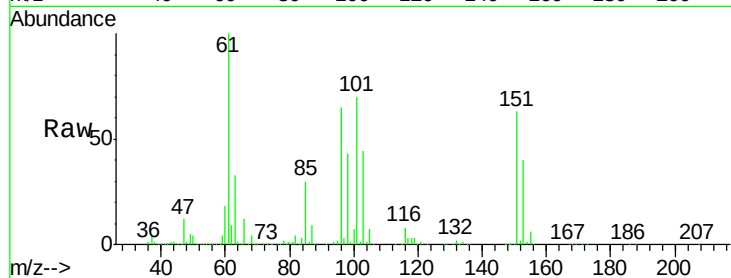
Tgt Ion:101 Resp: 343657

Ion Ratio Lower Upper

101 100

85 43.5 35.4 53.0

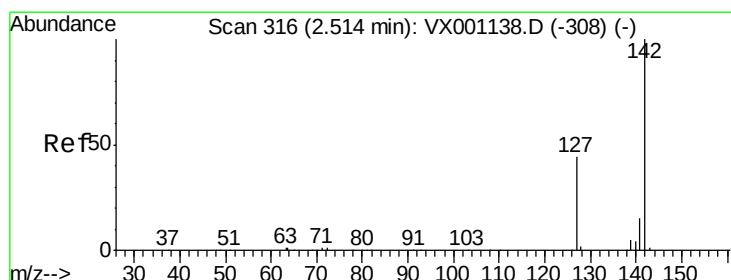
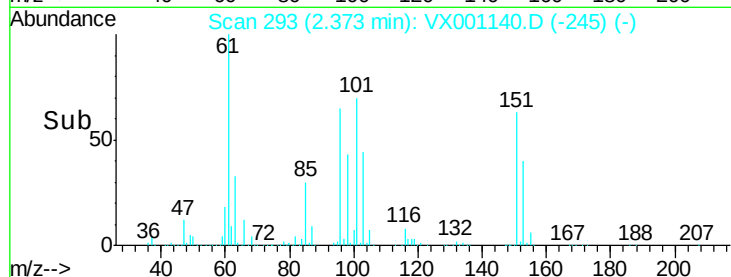
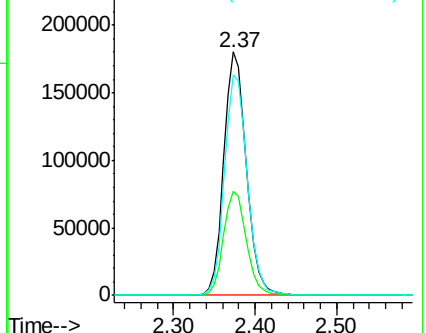
151 91.5 74.2 111.4



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: 208.04 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

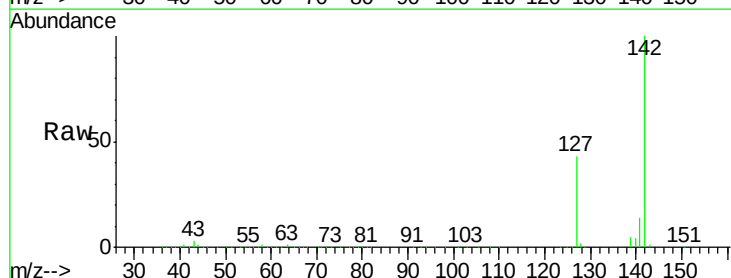
Tgt Ion:142 Resp: 417947

Ion Ratio Lower Upper

142 100

127 42.9 34.7 52.1

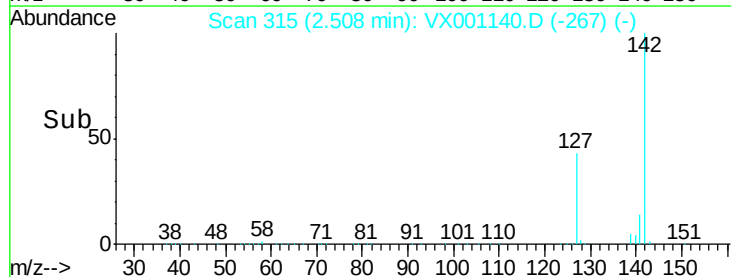
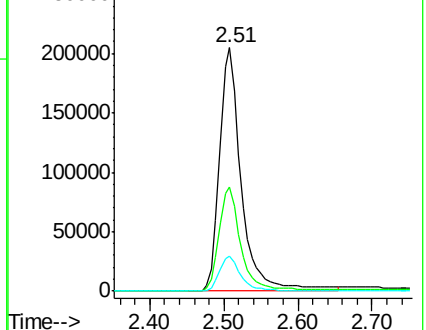
141 14.0 11.6 17.4

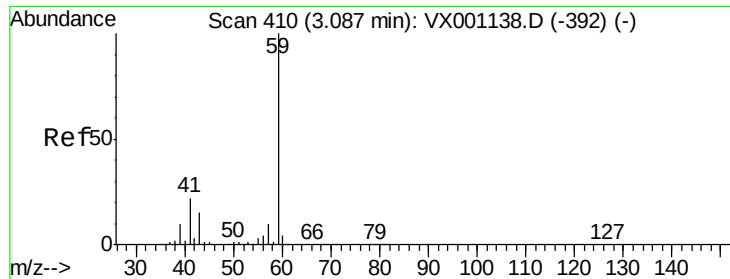


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

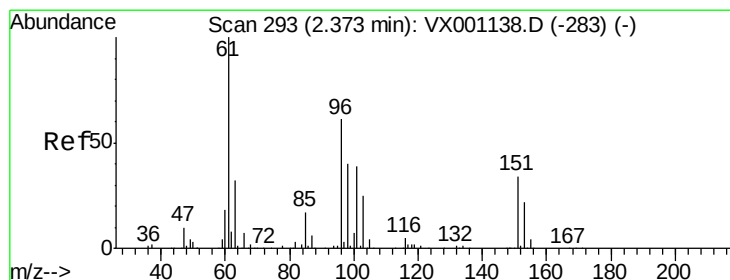
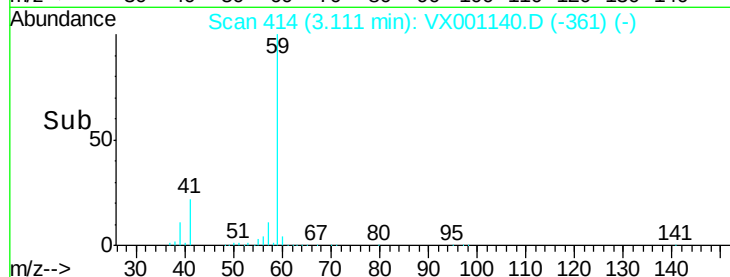
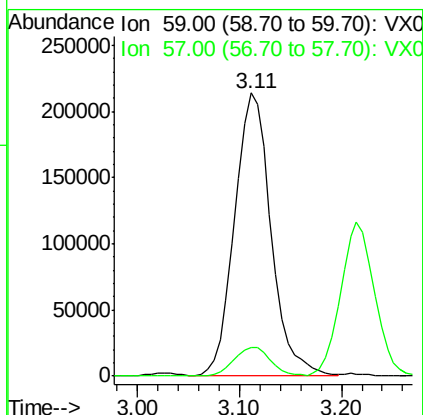
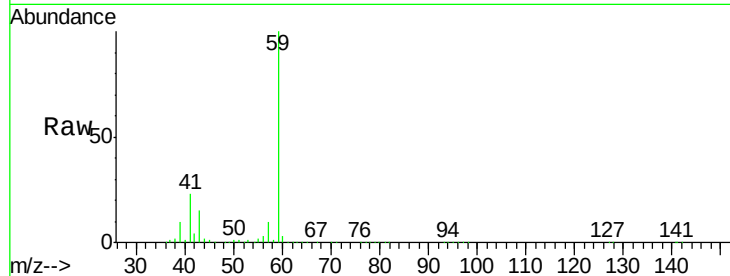




#11
Tert butyl alcohol
Concen: 1070.97 ug/l
RT: 3.11 min Scan# 414
Delta R.T. 0.02 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

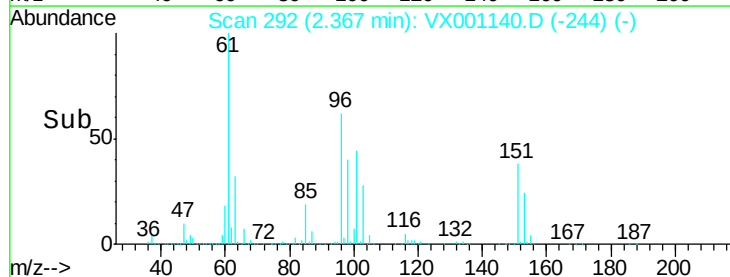
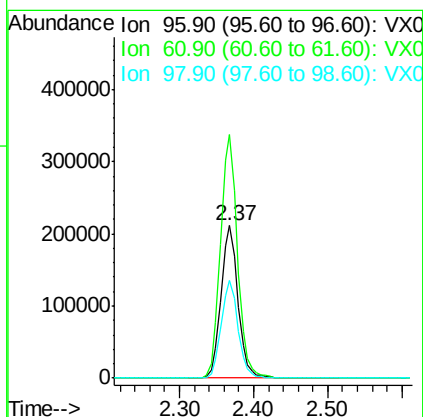
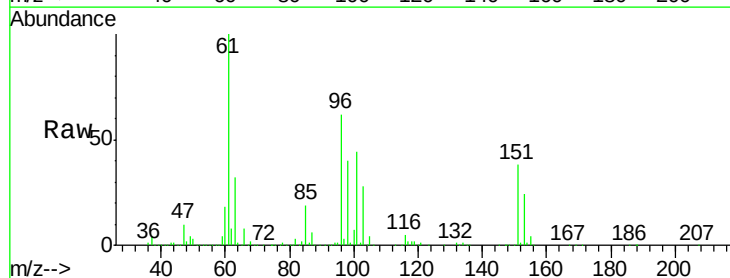
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

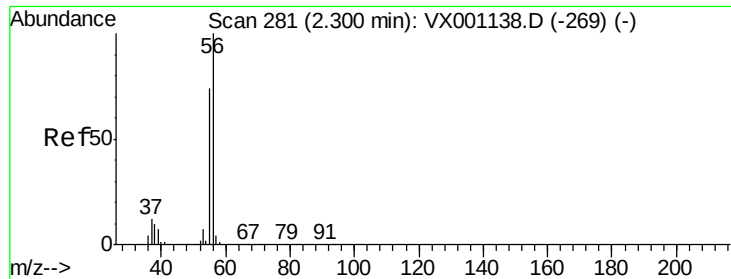
Tgt Ion: 59 Resp: 526860
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 150.03 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion: 96 Resp: 331486
Ion Ratio Lower Upper
96 100
61 160.2 130.2 195.4
98 64.2 51.5 77.3





#13

Acrolein

Concen: 1210.34 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

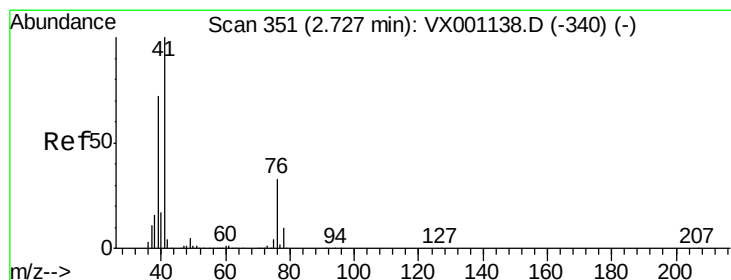
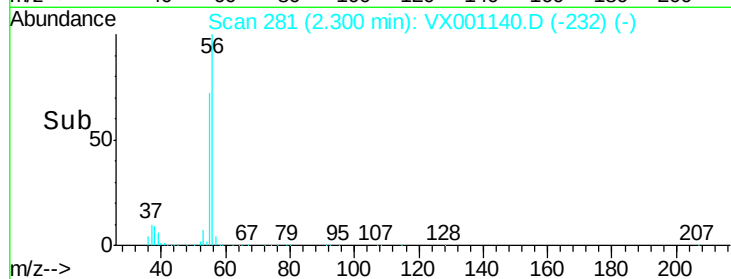
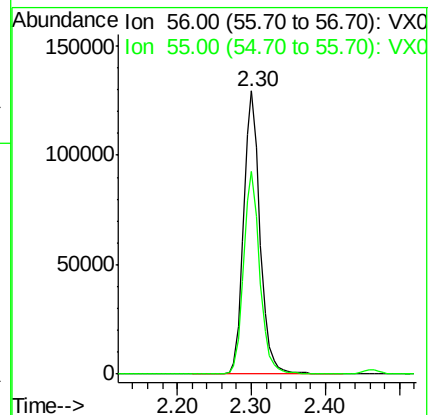
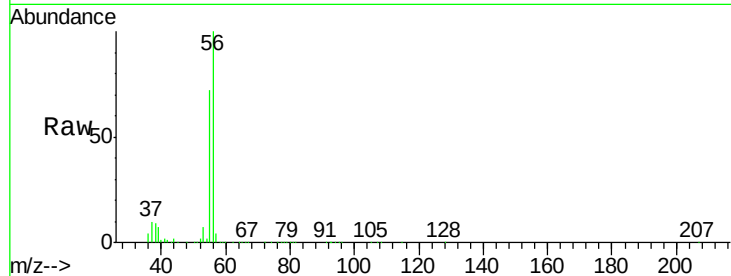
VSTDIC150

Tgt Ion: 56 Resp: 200902

Ion Ratio Lower Upper

56 100

55 70.3 57.2 85.8



#14

Allyl chloride

Concen: 158.41 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

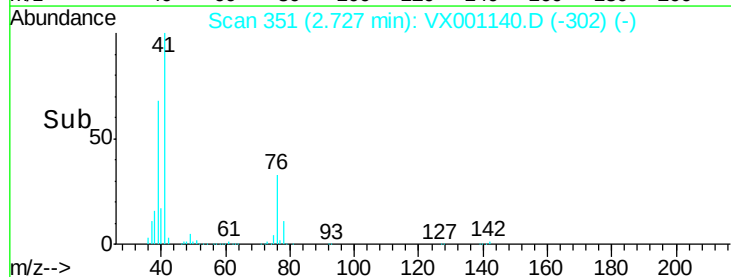
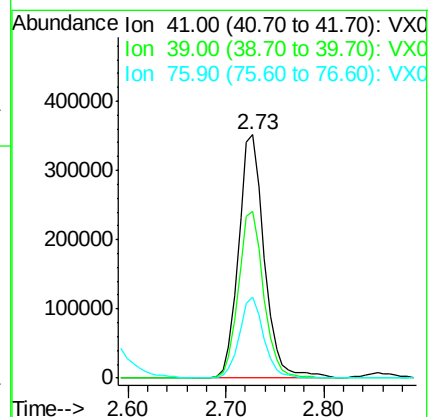
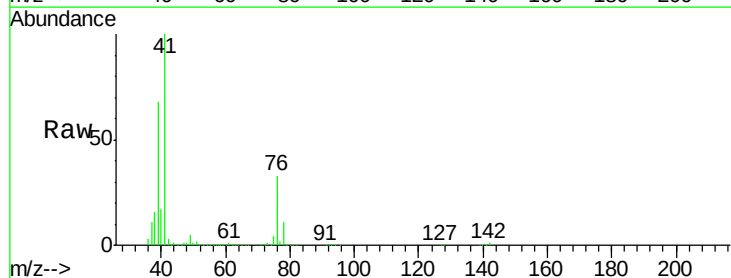
Tgt Ion: 41 Resp: 640626

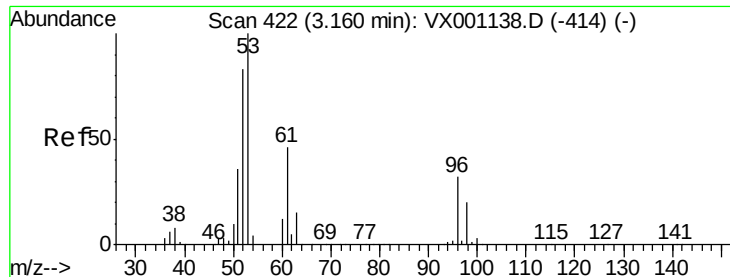
Ion Ratio Lower Upper

41 100

39 67.4 55.6 83.4

76 31.5 24.8 37.2





#15

Acrylonitrile

Concen: 916.51 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

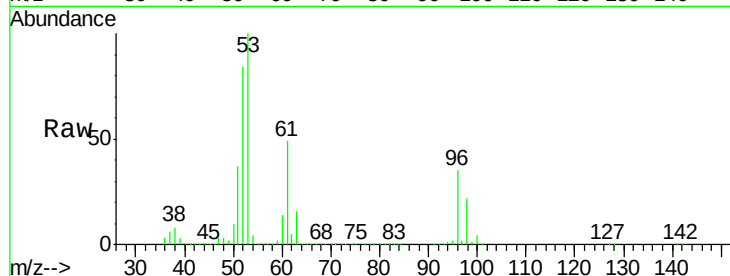
Tgt Ion: 53 Resp: 1123658

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

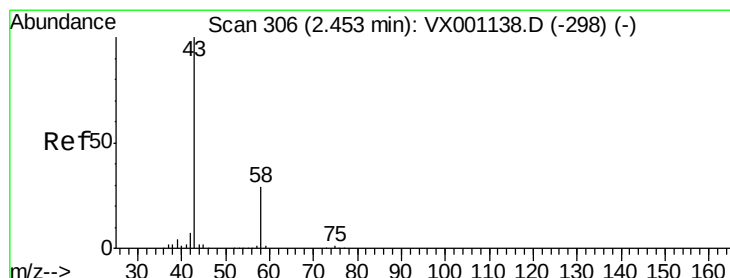
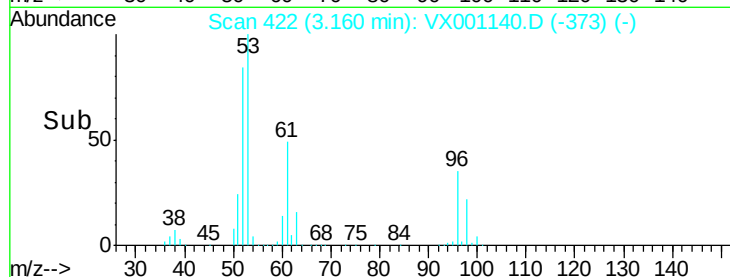
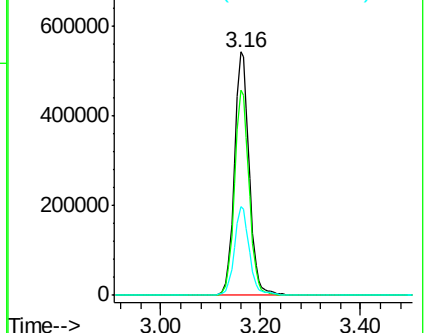
51 37.1 29.5 44.3



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: 871.43 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001140.D

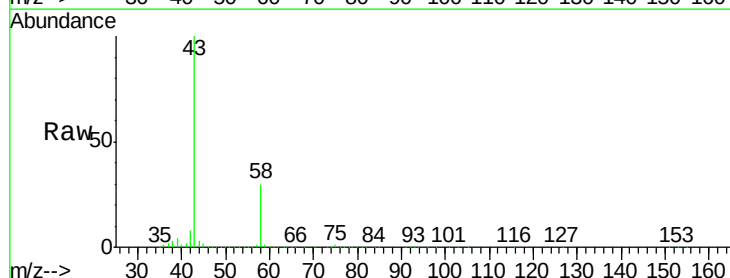
Acq: 26 Apr 2018 19:11

Tgt Ion: 43 Resp: 994576

Ion Ratio Lower Upper

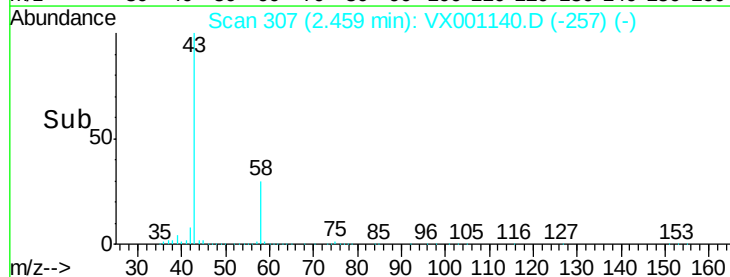
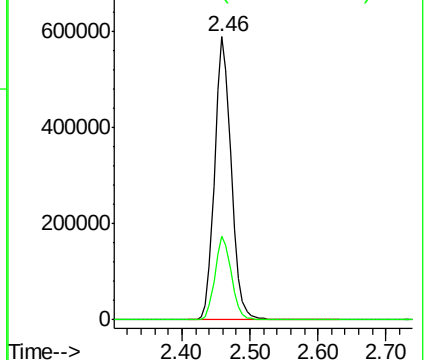
43 100

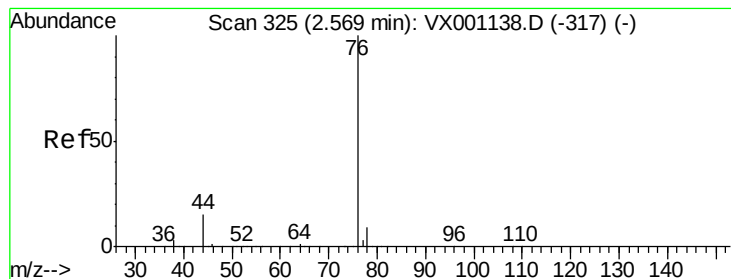
58 29.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 149.34 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

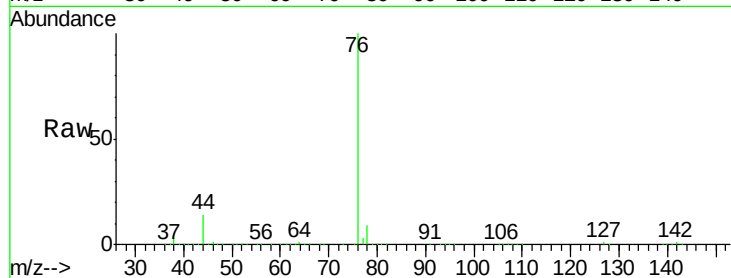
VSTDIC150

Tgt Ion: 76 Resp: 928669

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

600000

500000

400000

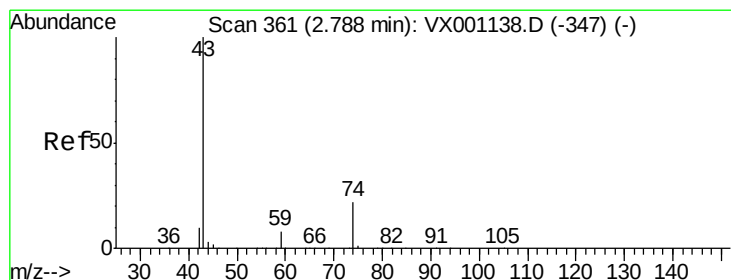
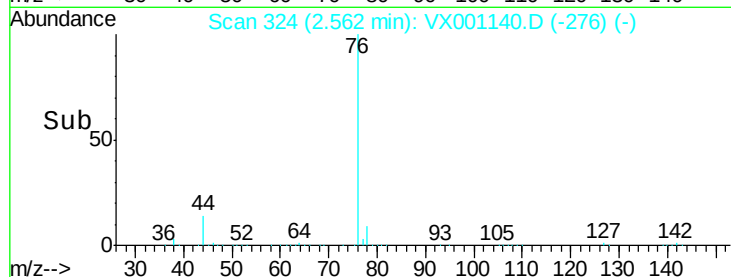
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 166.01 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX001140.D

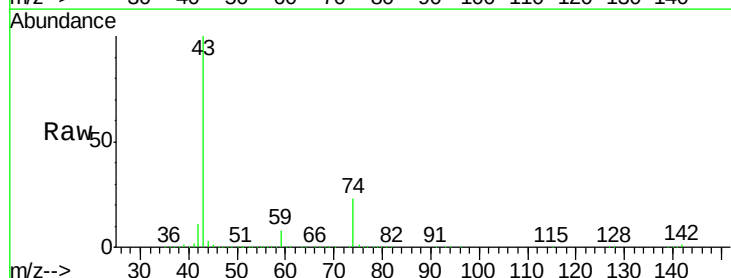
Acq: 26 Apr 2018 19:11

Tgt Ion: 43 Resp: 549623

Ion Ratio Lower Upper

43 100

74 22.5 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.79

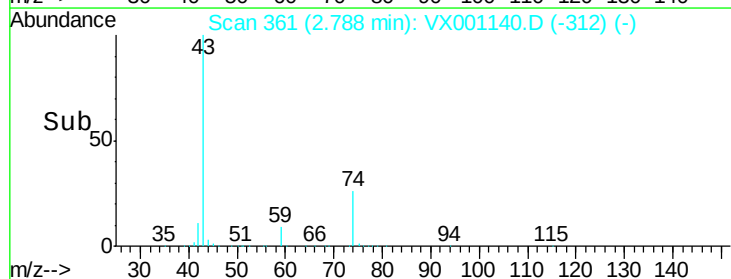
300000

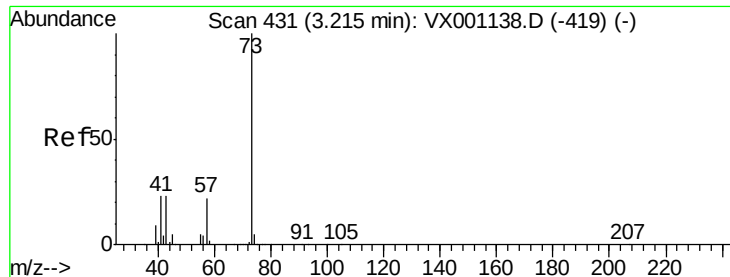
200000

100000

0

Time-->

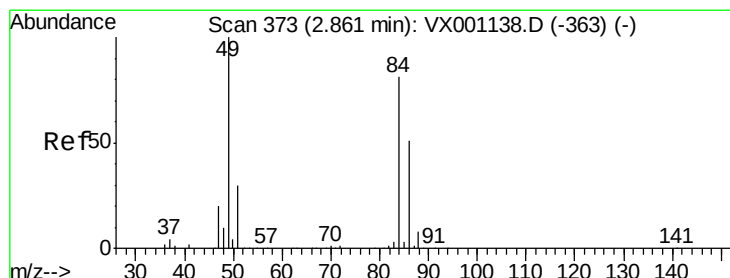
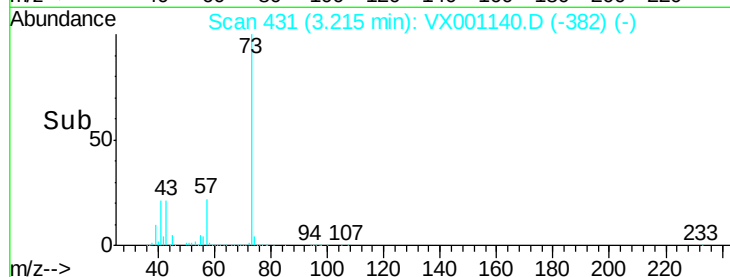
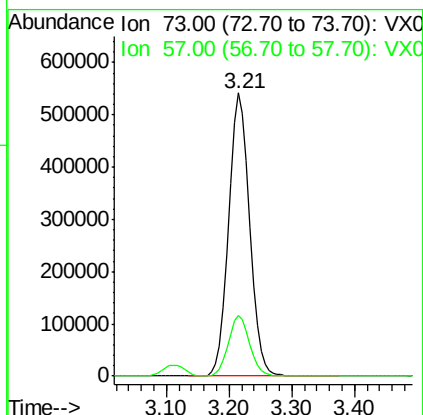
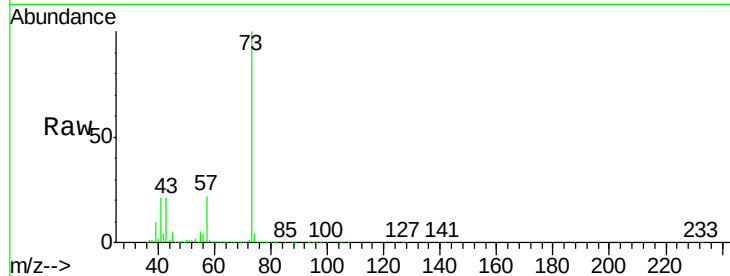




#19
Methyl tert-butyl Ether
Concen: 164.83 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

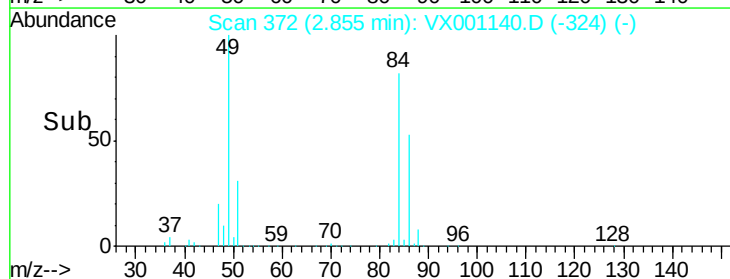
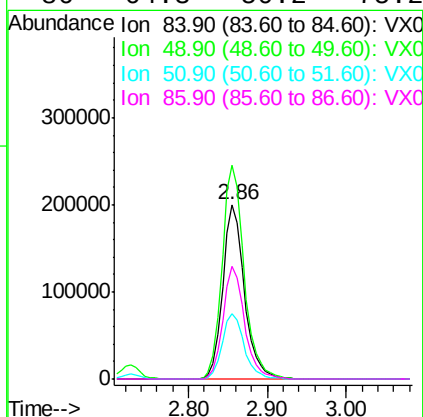
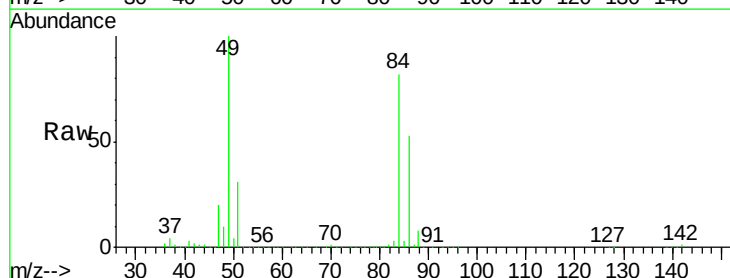
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

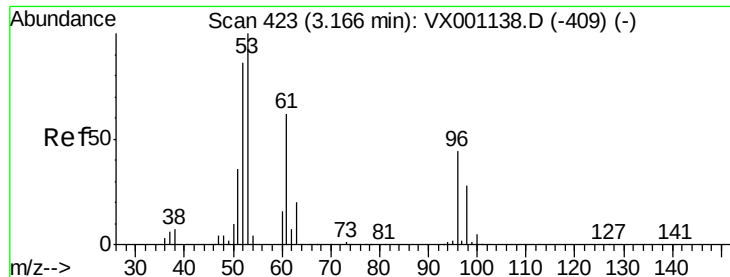
Tgt Ion: 73 Resp: 1251965
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 149.68 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion: 84 Resp: 382303
Ion Ratio Lower Upper
84 100
49 122.4 99.2 148.8
51 37.7 29.5 44.3
86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 148.88 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

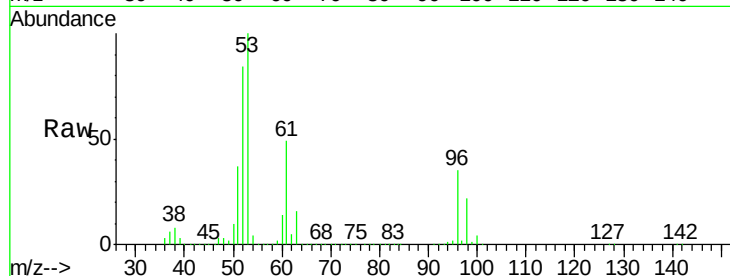
Tgt Ion: 96 Resp: 368122

Ion Ratio Lower Upper

96 100

61 138.4 111.9 167.9

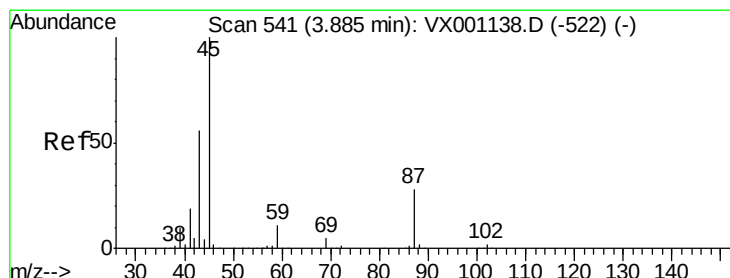
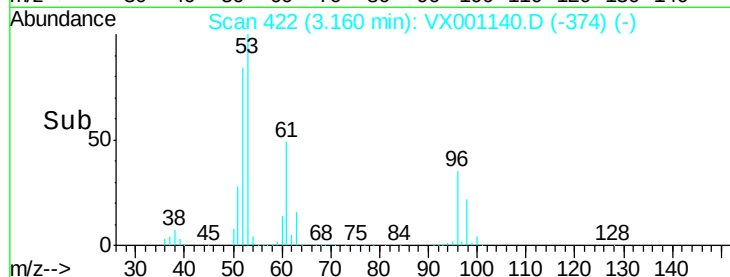
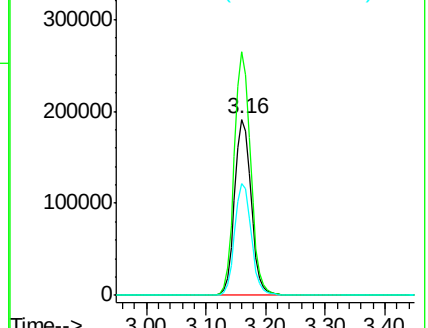
98 63.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 164.74 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Tgt Ion: 45 Resp: 1289256

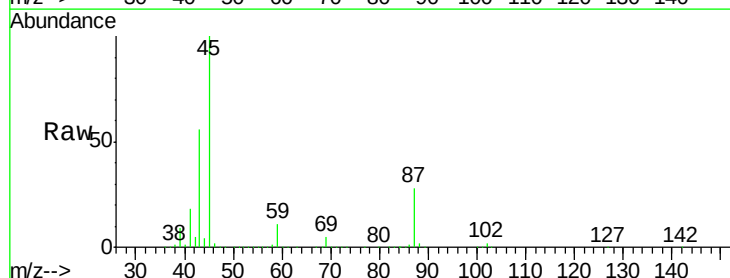
Ion Ratio Lower Upper

45 100

43 56.4 45.0 67.4

87 28.3 22.8 34.2

59 11.3 9.0 13.6

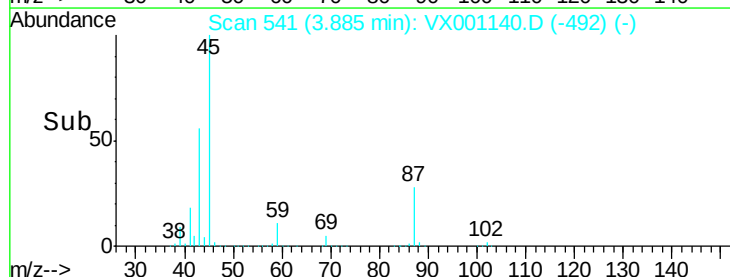
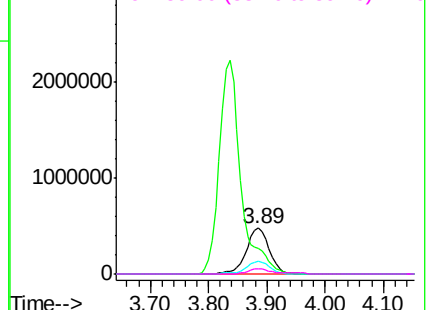


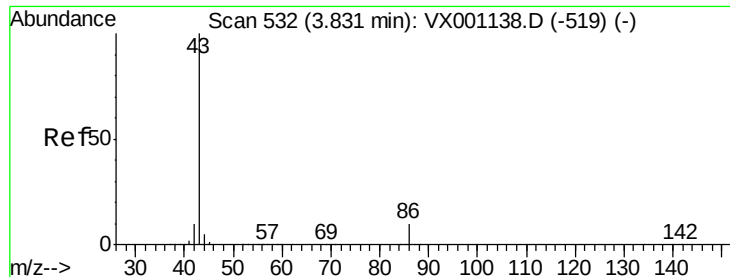
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 871.97 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

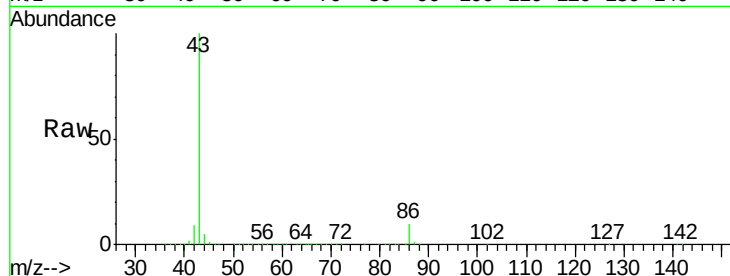
VSTDIC150

Tgt Ion: 43 Resp: 5726495

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

2500000

2000000

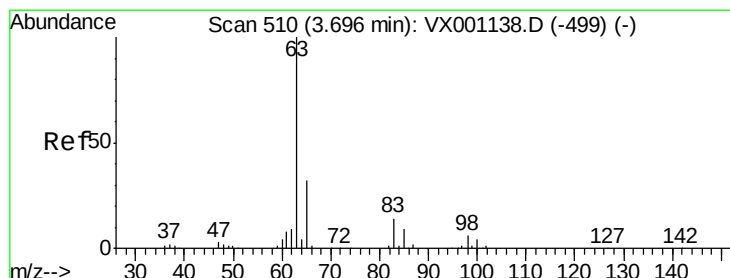
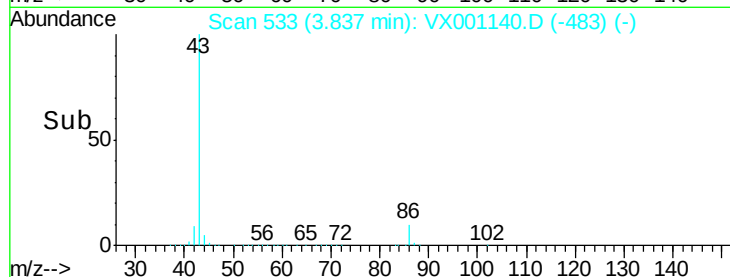
1500000

1000000

500000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 150.07 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

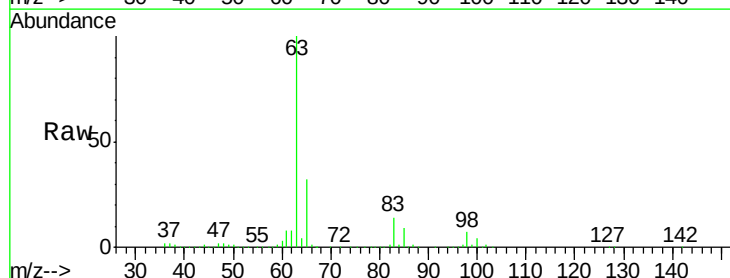
Tgt Ion: 63 Resp: 652268

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.4 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

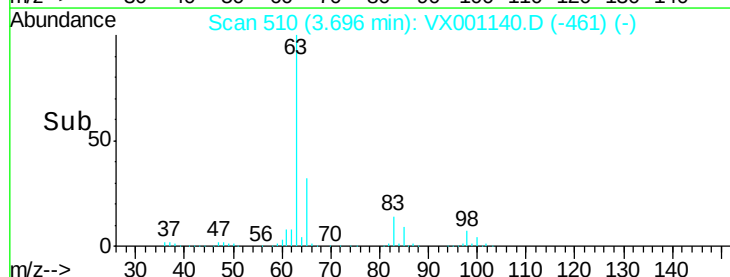
300000

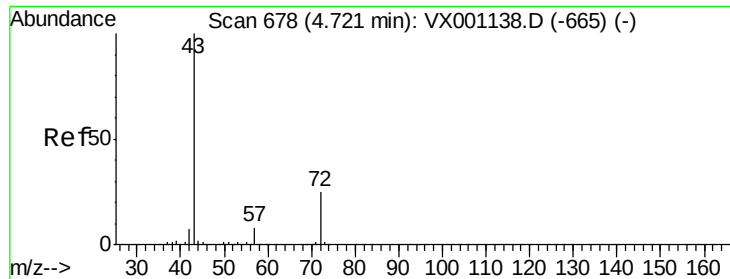
200000

100000

0

Time--> 3.50 3.60 3.70 3.80 3.90





#25

2-Butanone

Concen: 907.81 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

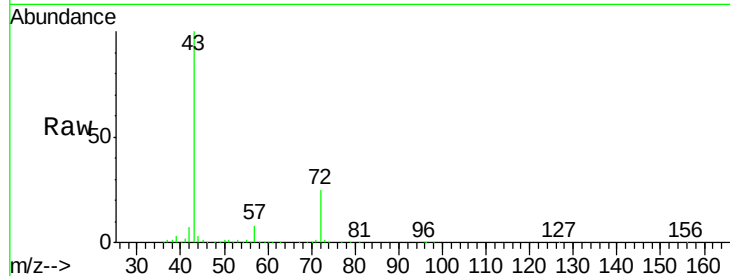
VSTDIC150

Tgt Ion: 43 Resp: 1608910

Ion Ratio Lower Upper

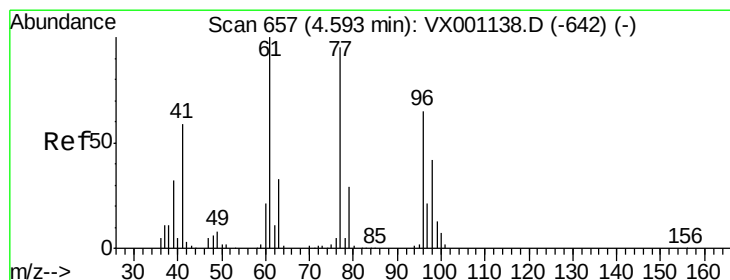
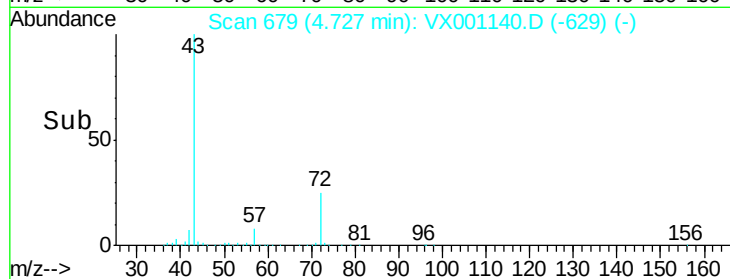
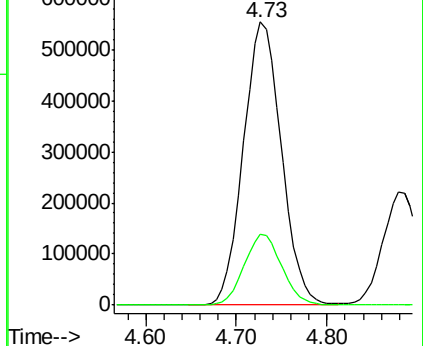
43 100

72 25.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 144.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001140.D

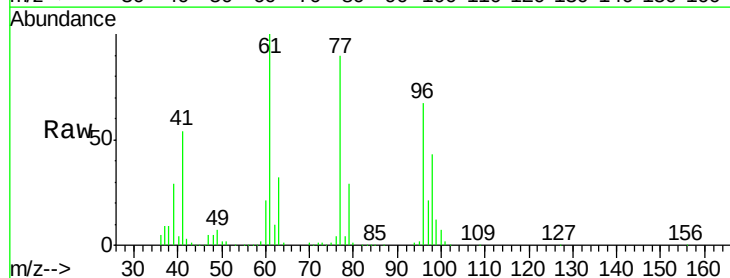
Acq: 26 Apr 2018 19:11

Tgt Ion: 77 Resp: 531368

Ion Ratio Lower Upper

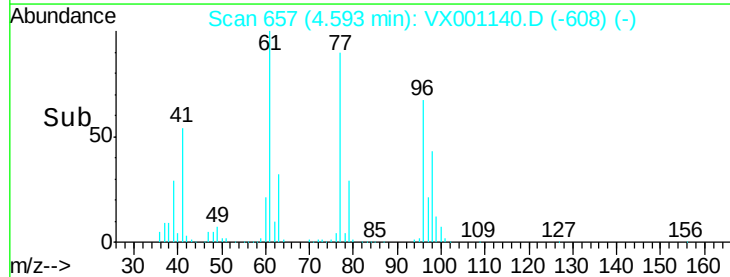
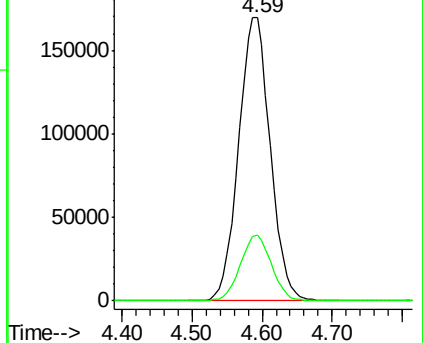
77 100

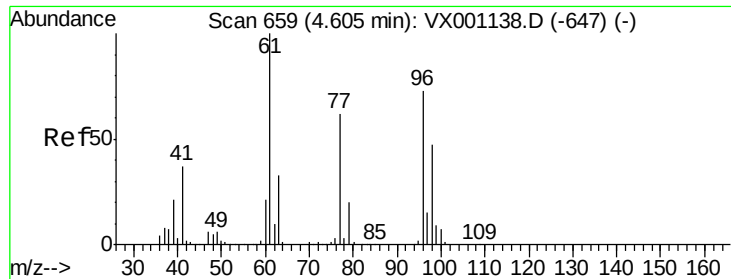
97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 150.91 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

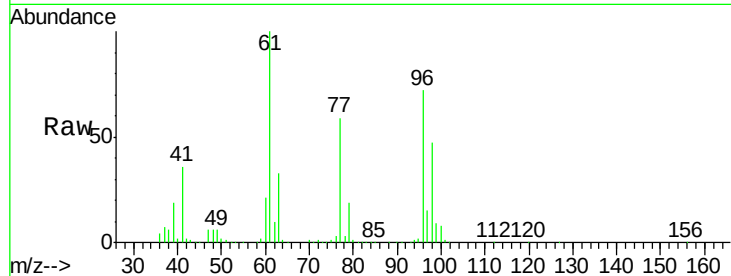
Tgt Ion: 96 Resp: 415099

Ion Ratio Lower Upper

96 100

61 145.6 0.0 289.0

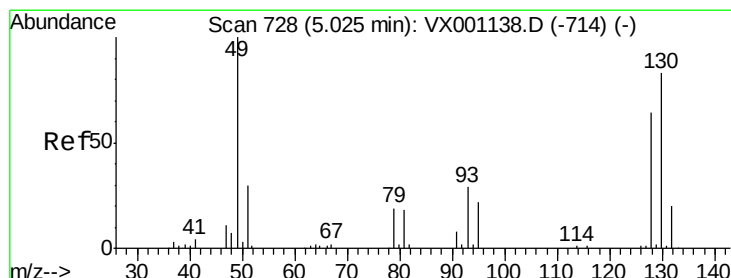
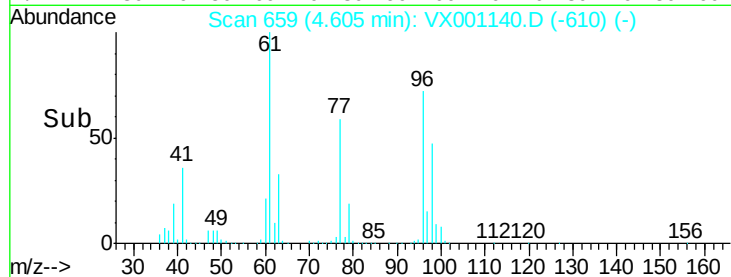
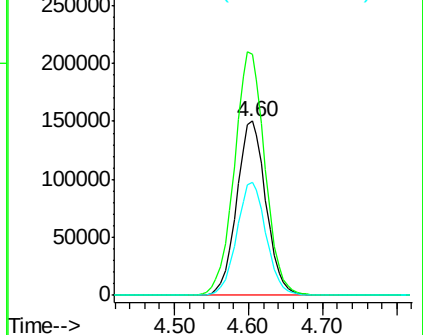
98 65.2 0.0 128.2



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: 168.06 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

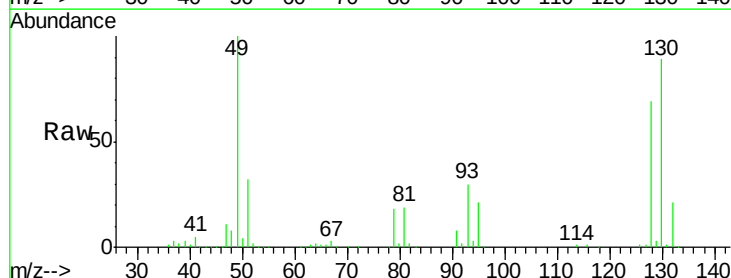
Tgt Ion: 49 Resp: 291224

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

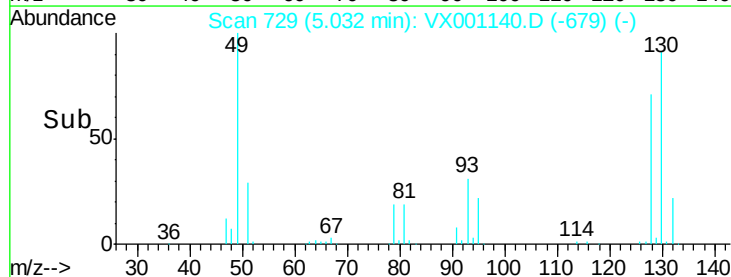
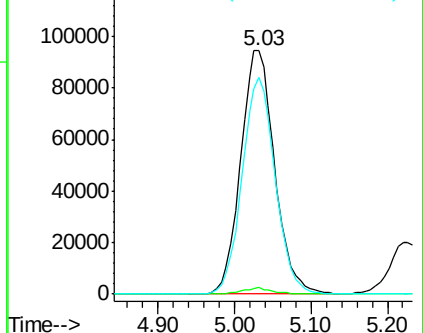
130 86.6 68.2 102.2

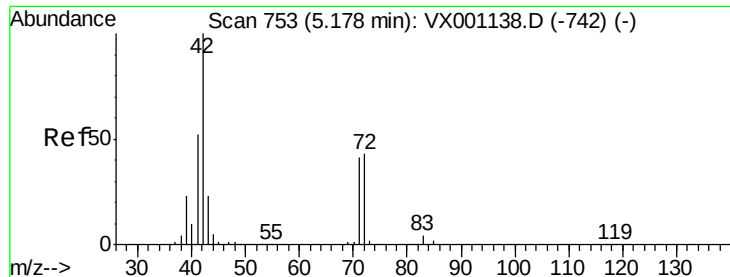


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 931.05 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

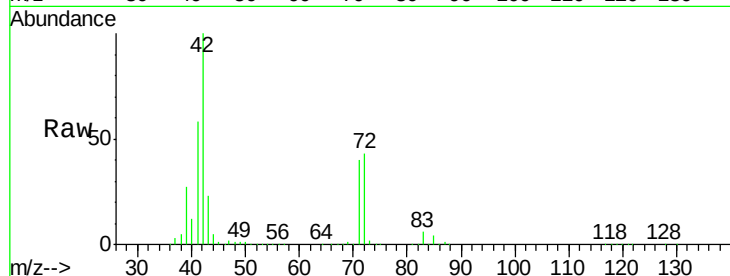
Tgt Ion: 42 Resp: 1044197

Ion Ratio Lower Upper

42 100

72 43.1 34.4 51.6

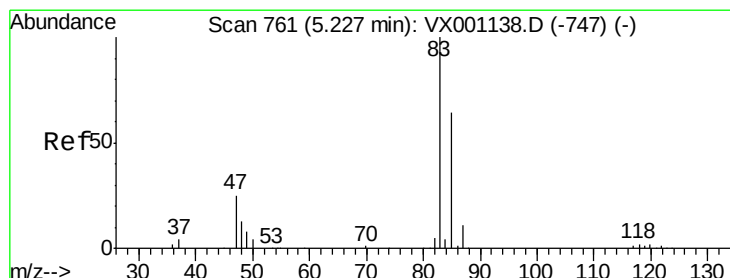
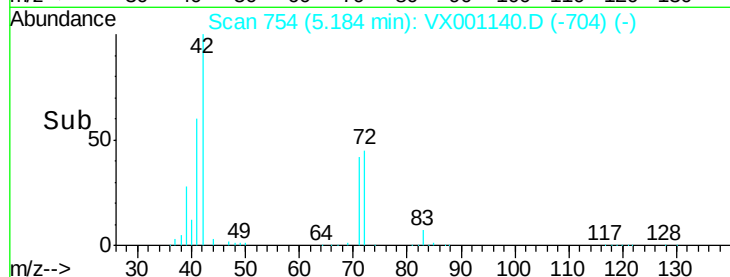
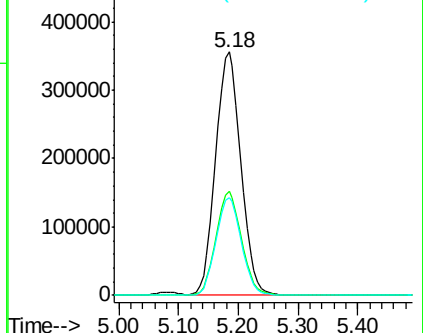
71 40.4 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 158.29 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX001140.D

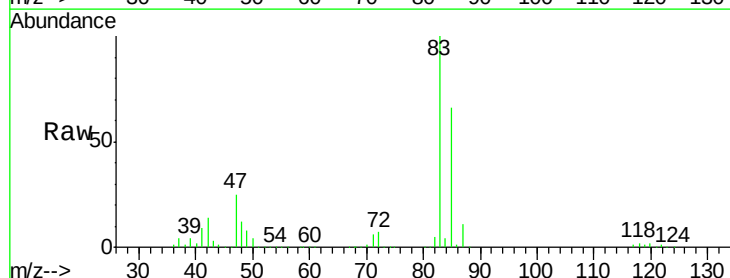
Acq: 26 Apr 2018 19:11

Tgt Ion: 83 Resp: 716735

Ion Ratio Lower Upper

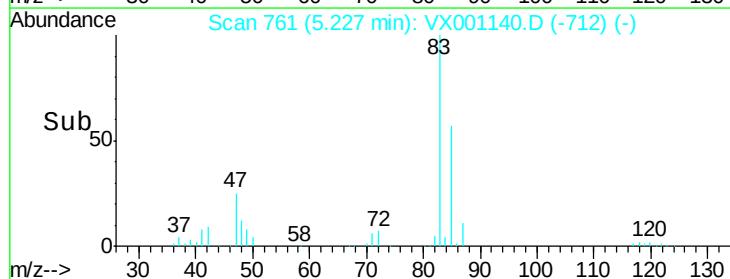
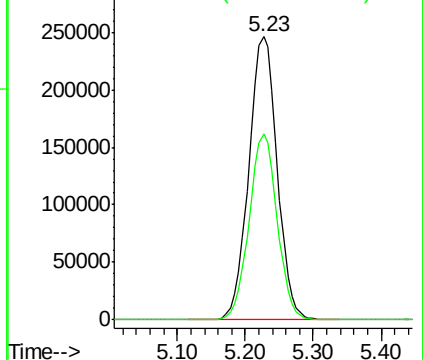
83 100

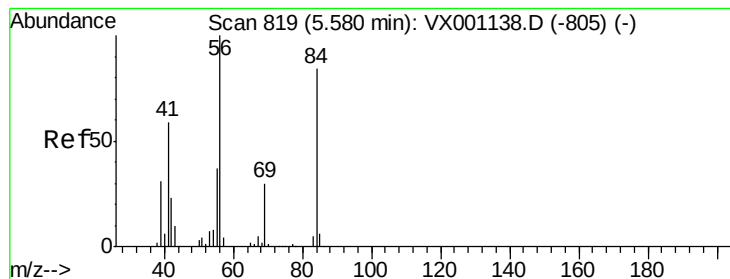
85 65.8 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 140.17 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

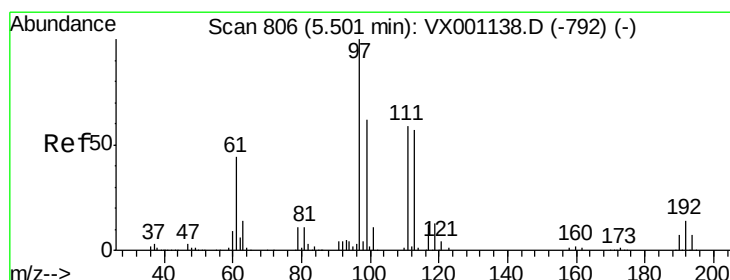
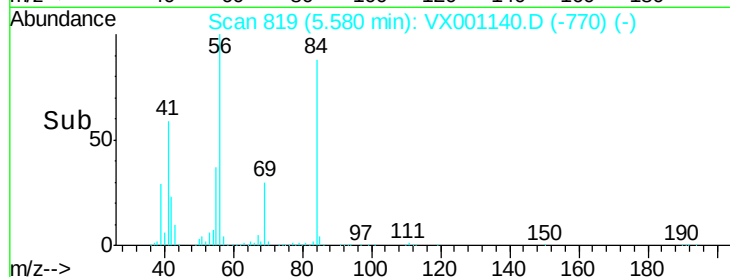
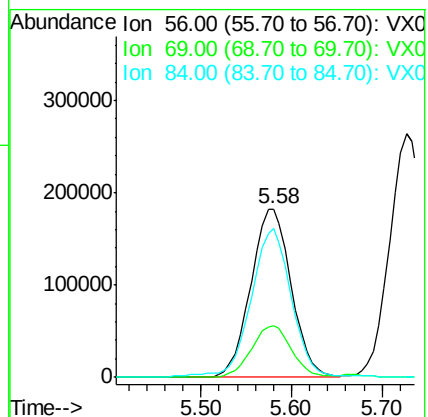
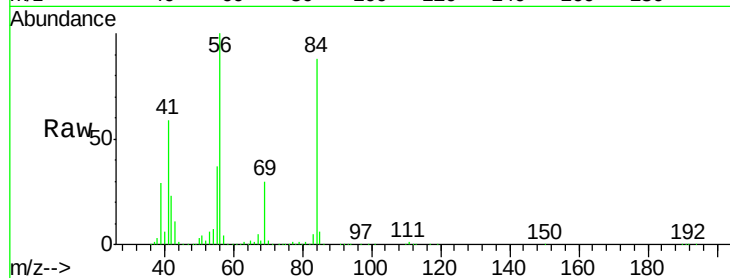
Tgt Ion: 56 Resp: 560626

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 87.1 67.5 101.3



#32

1,1,1-Trichloroethane

Concen: 158.26 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

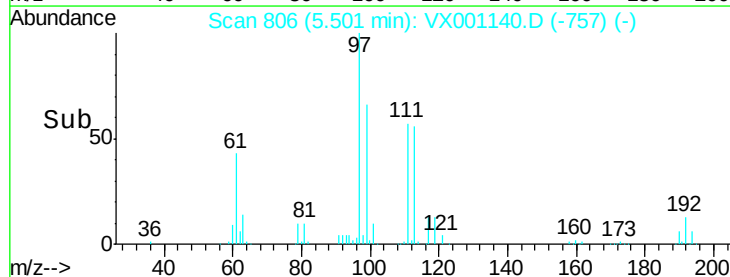
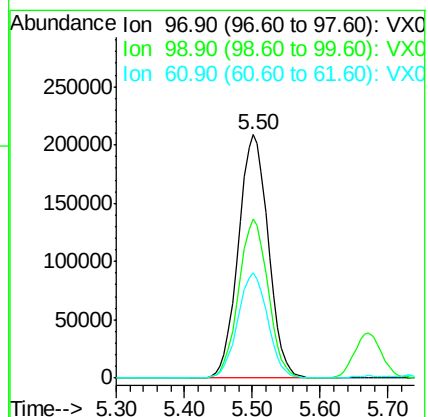
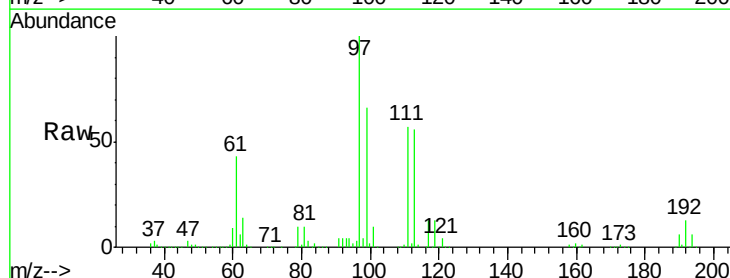
Tgt Ion: 97 Resp: 638528

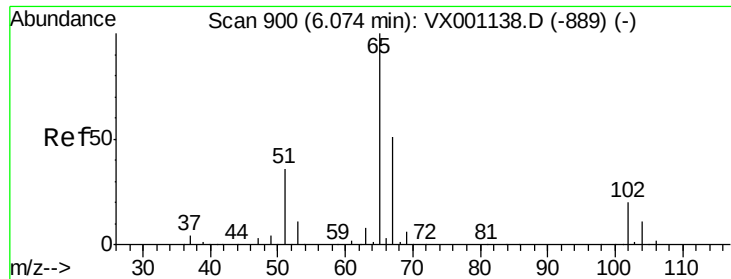
Ion Ratio Lower Upper

97 100

99 64.4 50.9 76.3

61 43.3 35.0 52.6

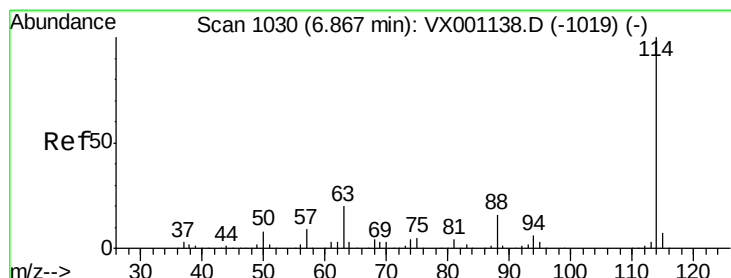
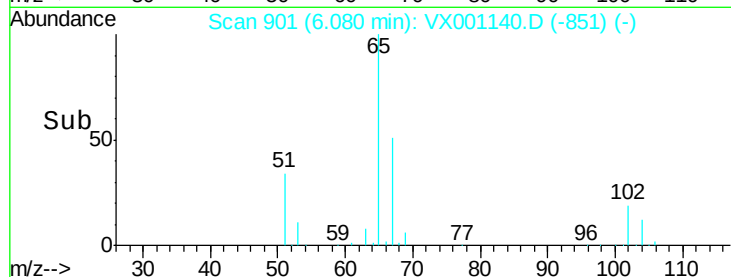
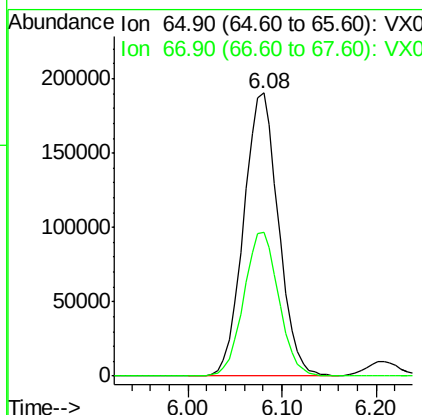
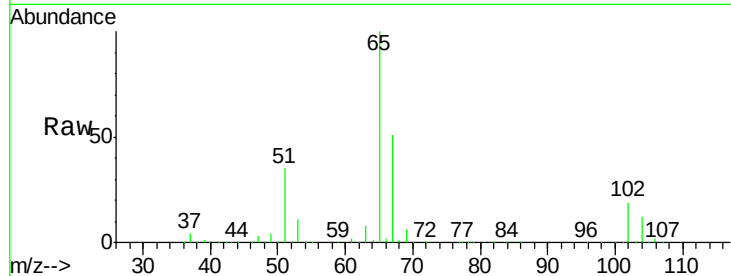




#33
 1,2-Dichloroethane-d4
 Concen: 166.64 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

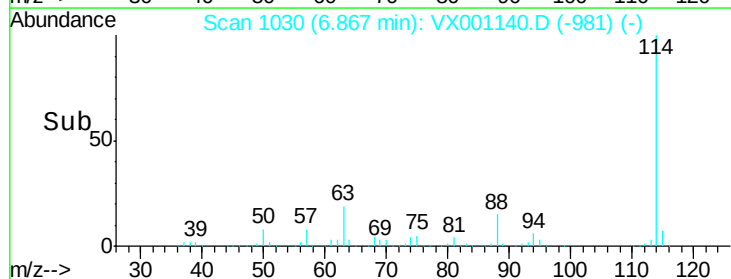
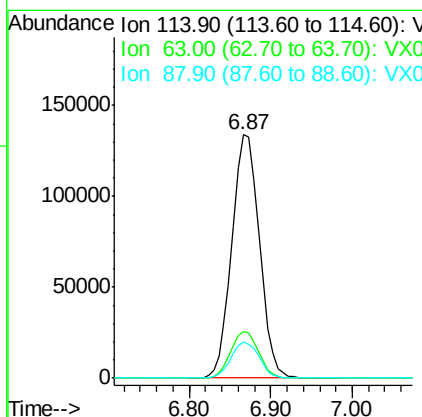
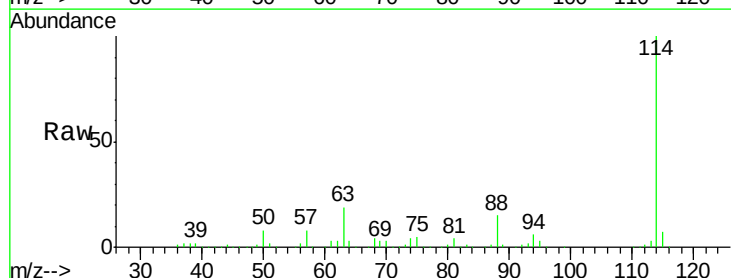
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

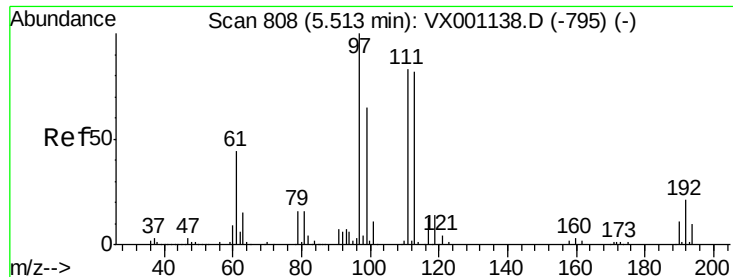
Tgt Ion: 65 Resp: 493527
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 114 Resp: 312593
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 14.7 0.0 31.8

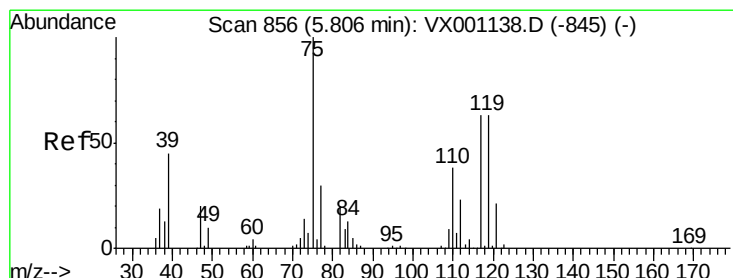
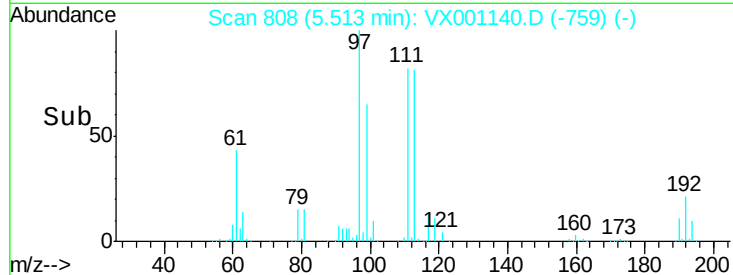
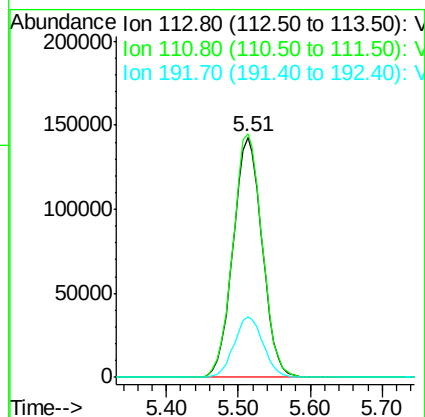
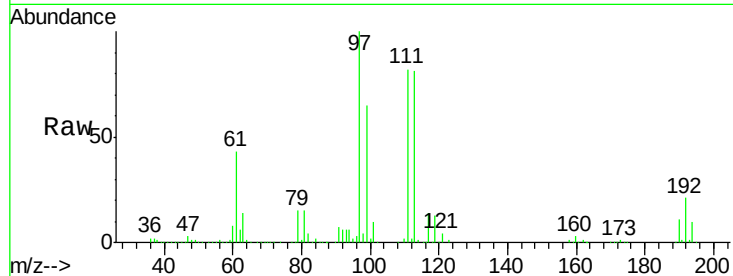




#35
 Dibromofluoromethane
 Concen: 165.82 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

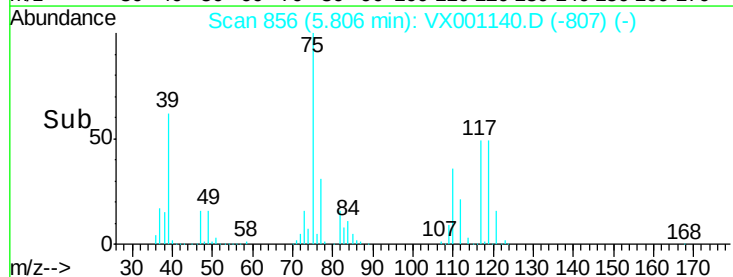
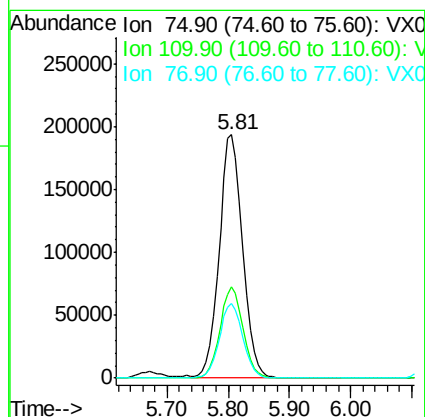
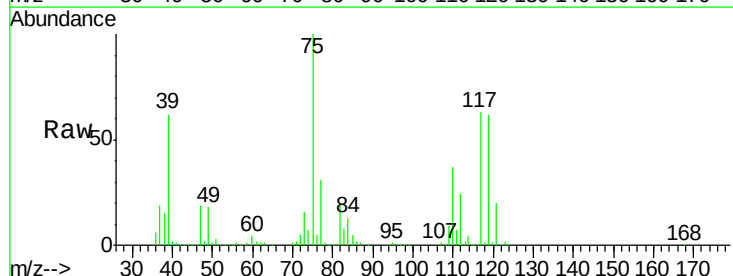
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

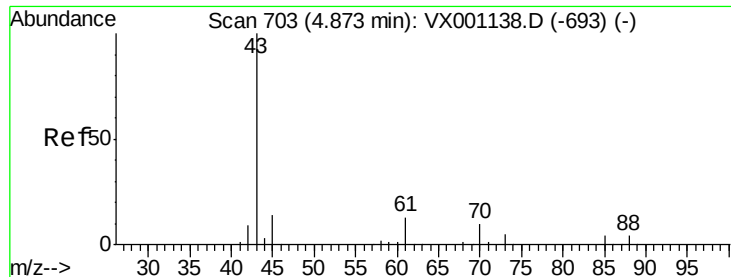
Tgt Ion:113 Resp: 400071
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 25.3 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 141.89 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 75 Resp: 513897
 Ion Ratio Lower Upper
 75 100
 110 36.9 19.0 57.0
 77 31.1 24.8 37.2

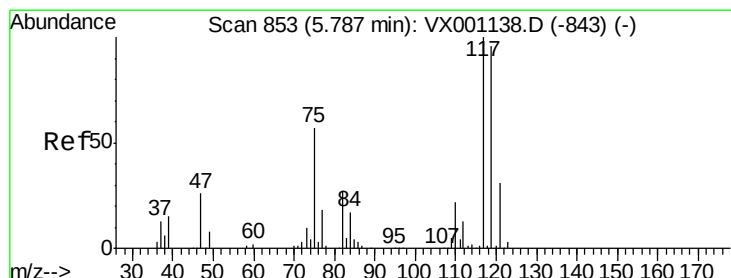
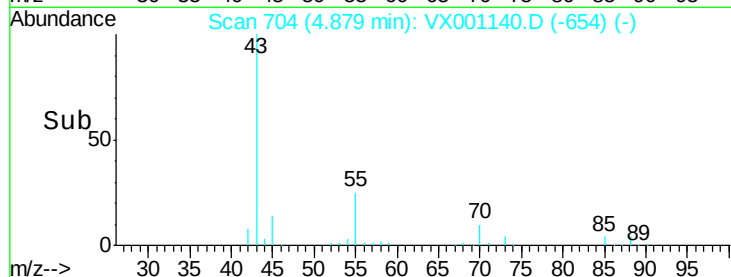
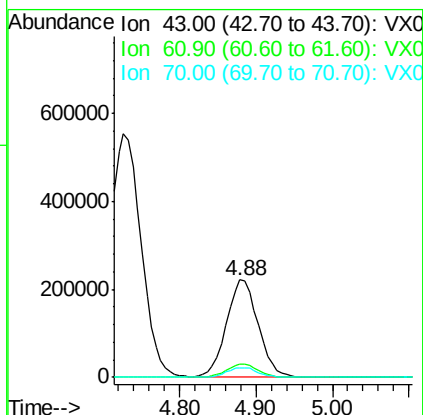
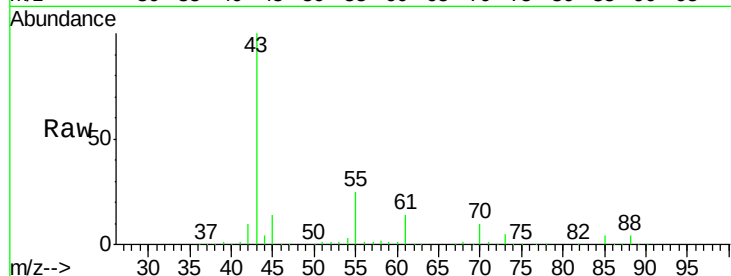




#37
 Ethyl Acetate
 Concen: 182.03 ug/l
 RT: 4.88 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

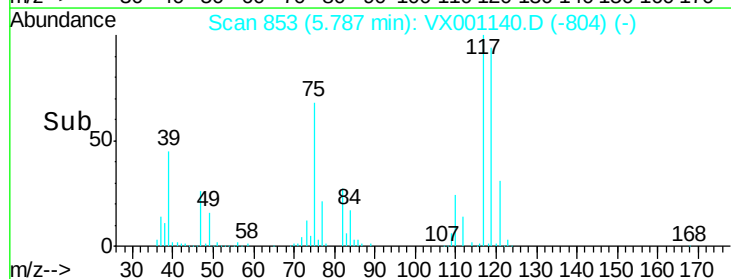
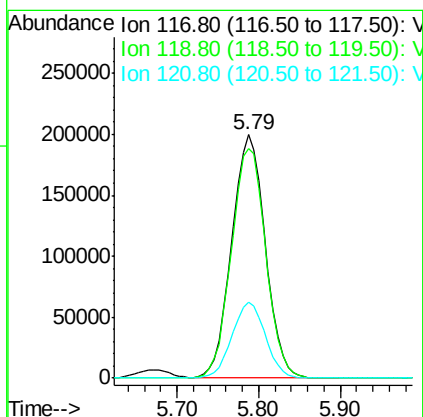
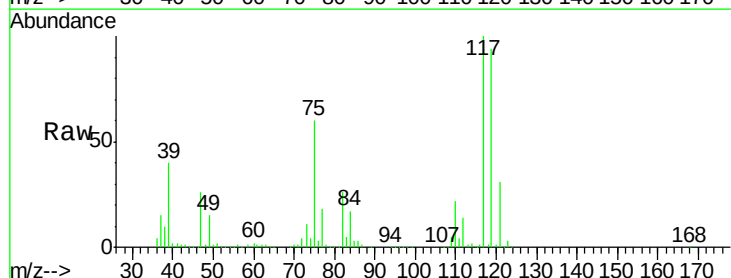
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

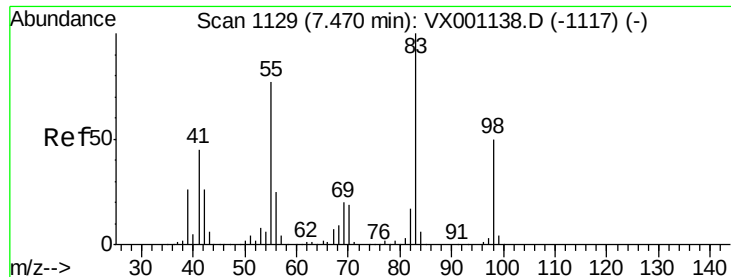
Tgt Ion: 43 Resp: 634433
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.0 16.6
 70 10.2 8.2 12.2



#38
 Carbon Tetrachloride
 Concen: 154.60 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 117 Resp: 568233
 Ion Ratio Lower Upper
 117 100
 119 94.5 76.5 114.7
 121 31.3 24.6 37.0

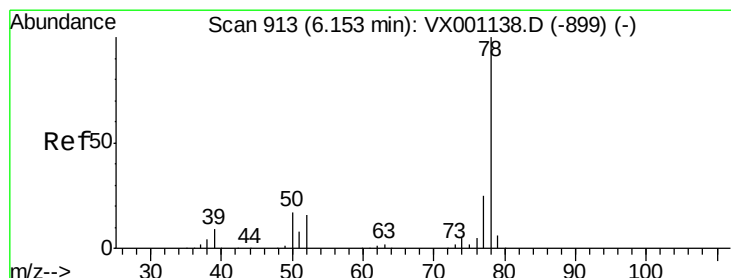
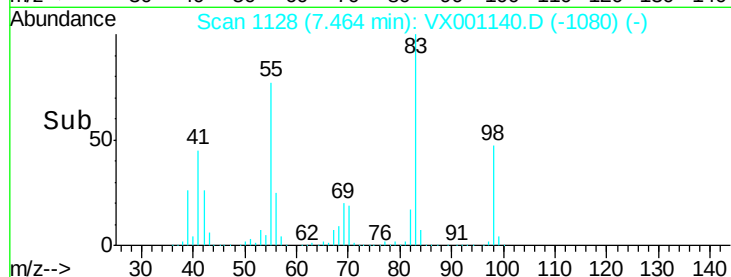
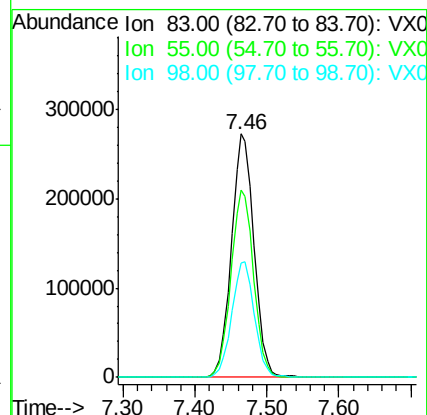
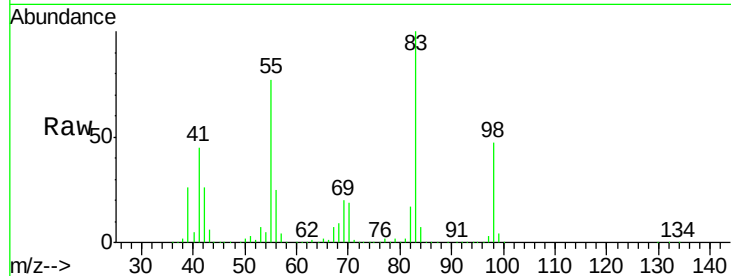




#39
Methylcyclohexane
Concen: 142.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

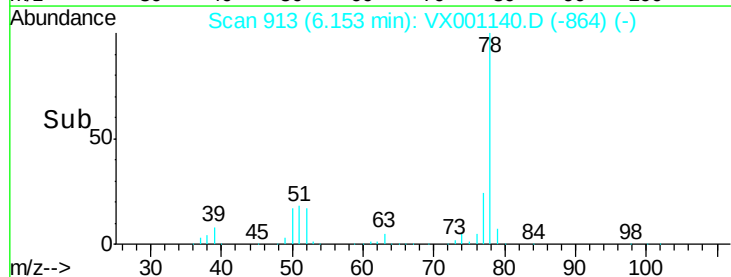
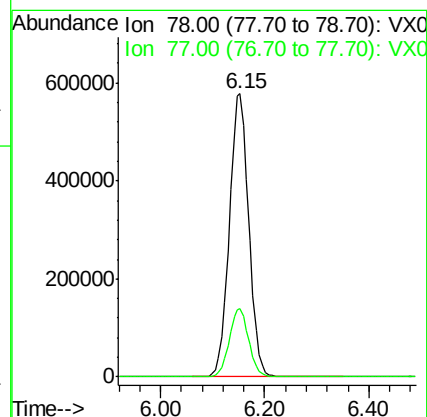
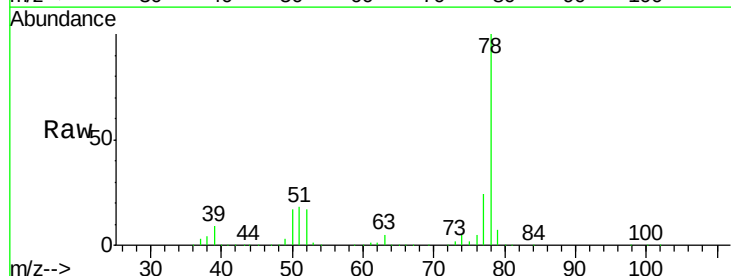
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

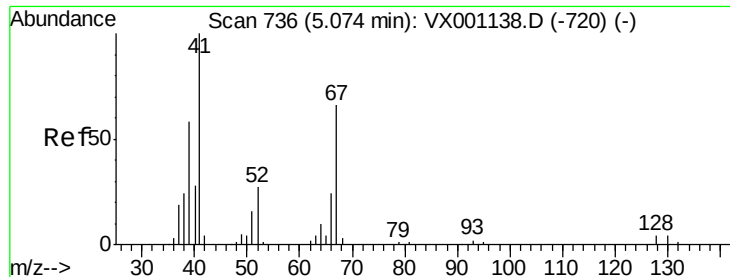
Tgt Ion: 83 Resp: 593796
Ion Ratio Lower Upper
83 100
55 77.1 61.8 92.6
98 47.0 40.0 60.0



#40
Benzene
Concen: 148.72 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion: 78 Resp: 1513629
Ion Ratio Lower Upper
78 100
77 24.3 19.7 29.5

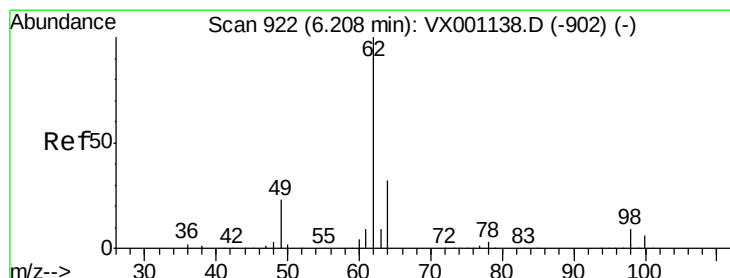
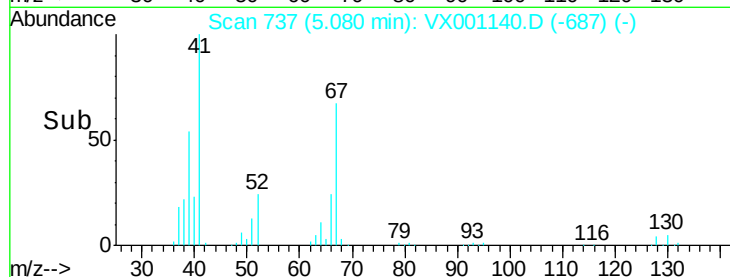
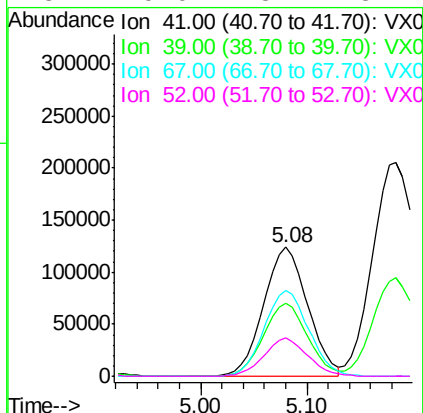
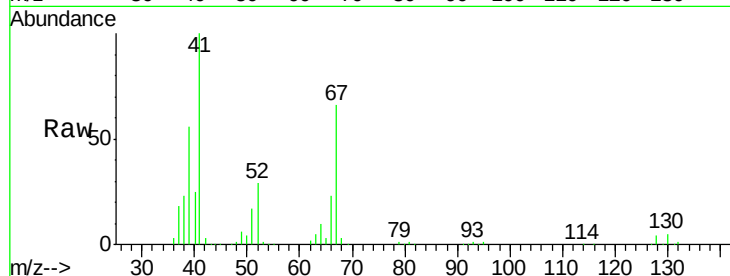




#41
Methacrylonitrile
Concen: 165.56 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

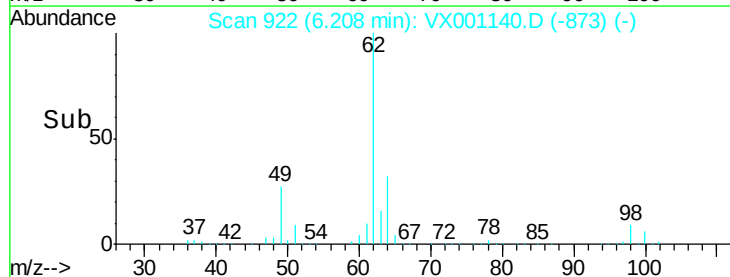
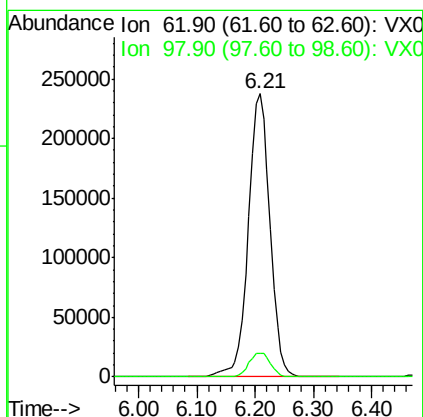
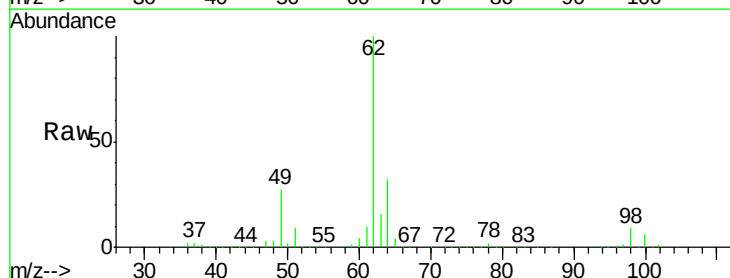
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

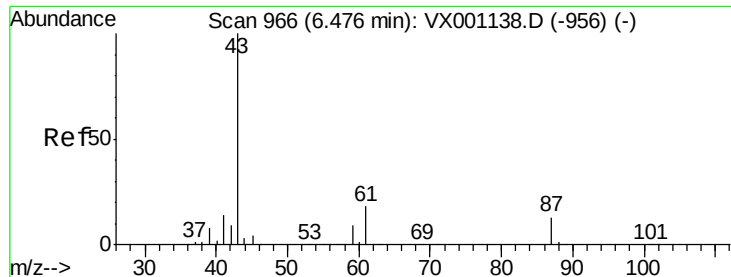
Tgt Ion:	41	Resp:	356198
Ion	Ratio	Lower	Upper
41	100		
39	56.4	45.9	68.9
67	67.6	53.2	79.8
52	29.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 153.99 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion:	62	Resp:	607379
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0





#43

Isopropyl Acetate

Concen: 177.81 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

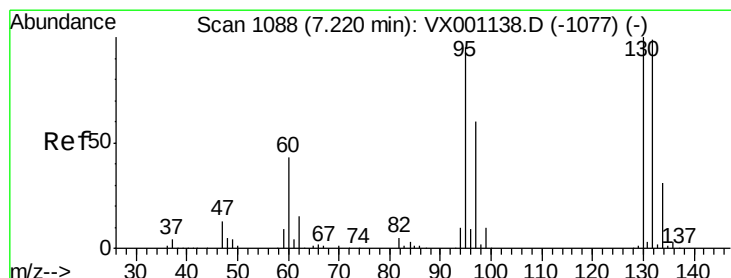
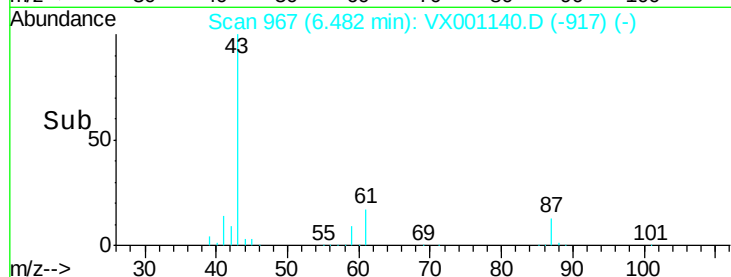
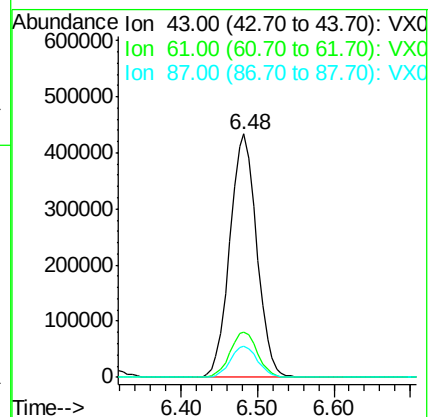
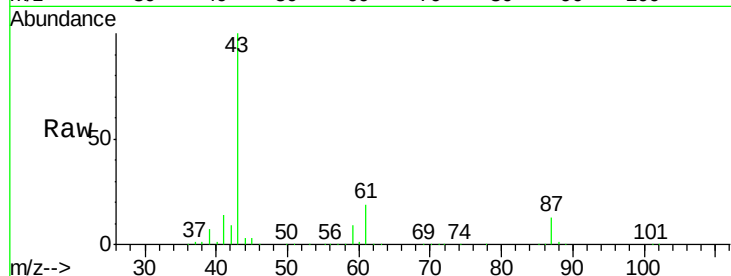
Tgt Ion: 43 Resp: 1051918

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.6

87 13.0 10.3 15.5



#44

Trichloroethene

Concen: 143.02 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001140.D

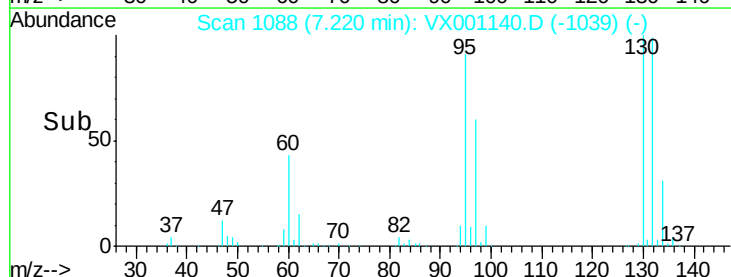
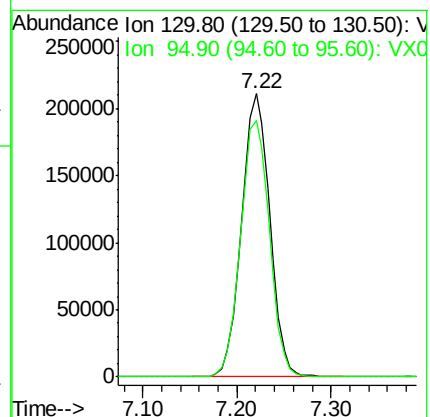
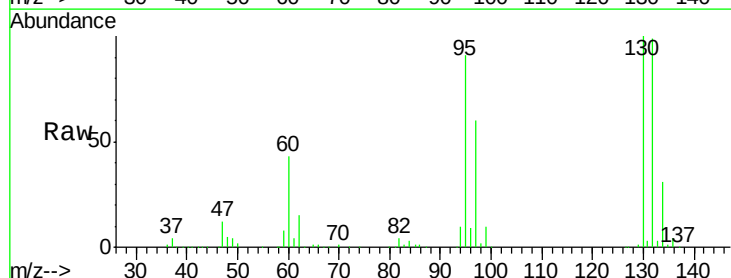
Acq: 26 Apr 2018 19:11

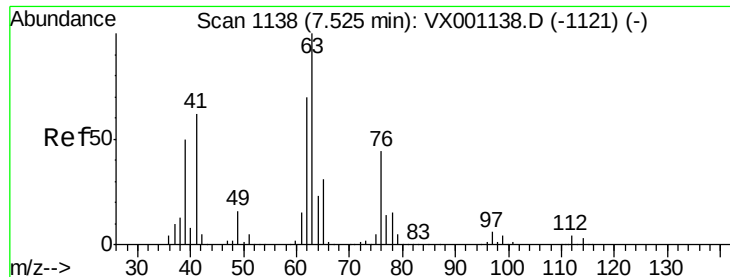
Tgt Ion: 130 Resp: 442218

Ion Ratio Lower Upper

130 100

95 90.8 0.0 189.6

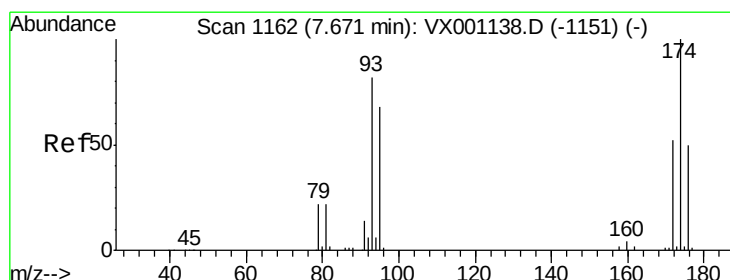
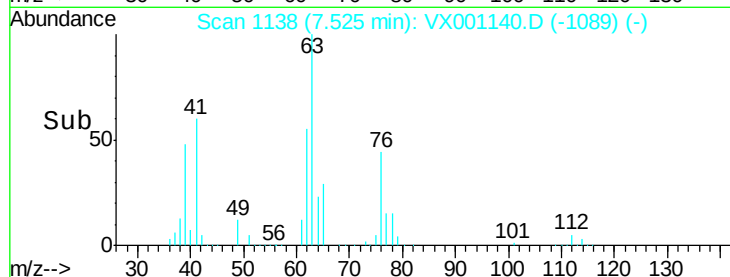
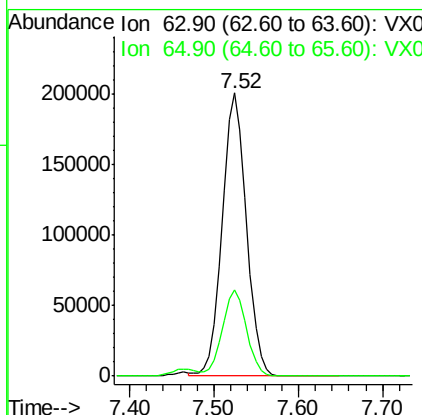
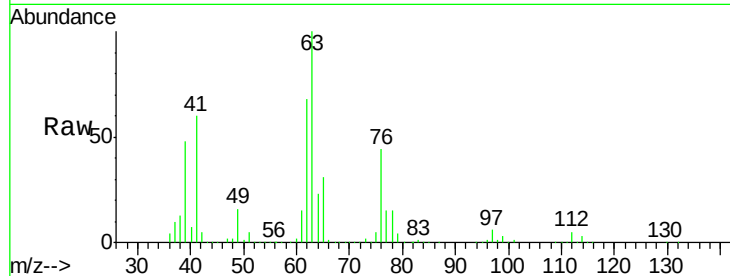




#45
 1,2-Dichloropropane
 Concen: 154.14 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

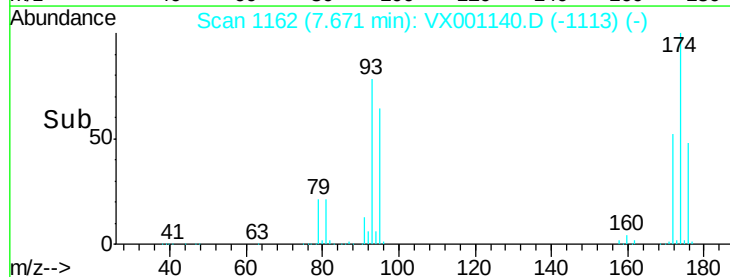
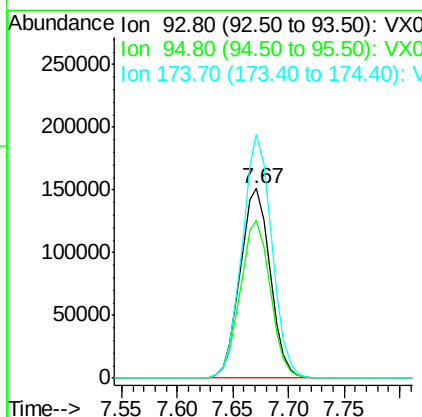
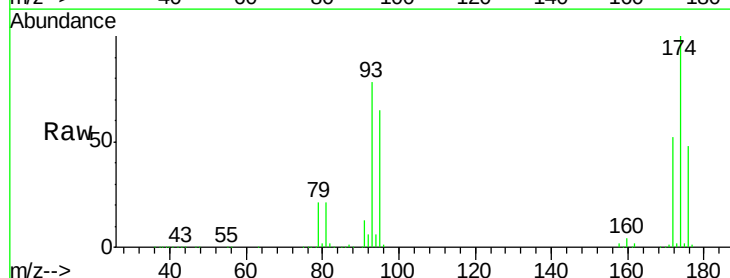
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

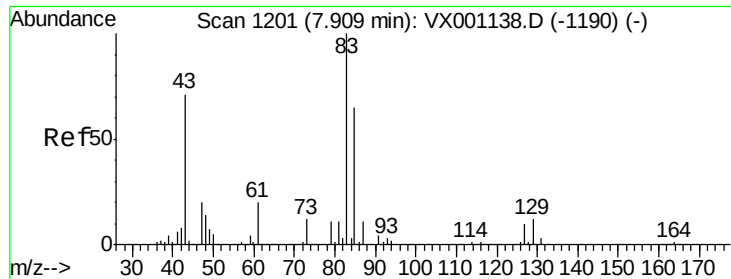
Tgt Ion: 63 Resp: 396193
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3



#46
 Dibromomethane
 Concen: 158.20 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 93 Resp: 285369
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.4 99.6
 174 126.6 99.6 149.4





#47

Bromodichloromethane

Concen: 168.59 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

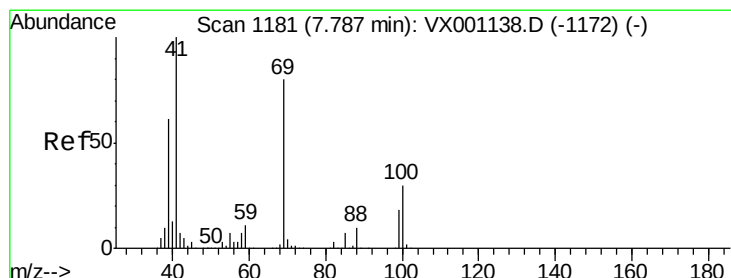
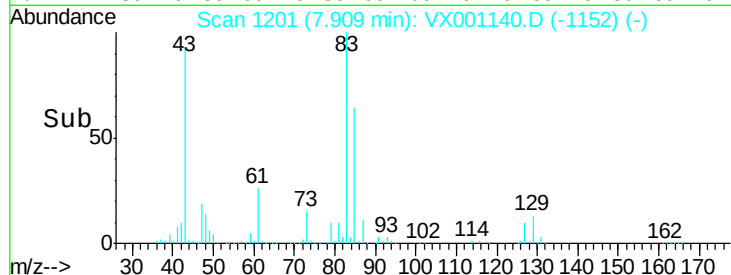
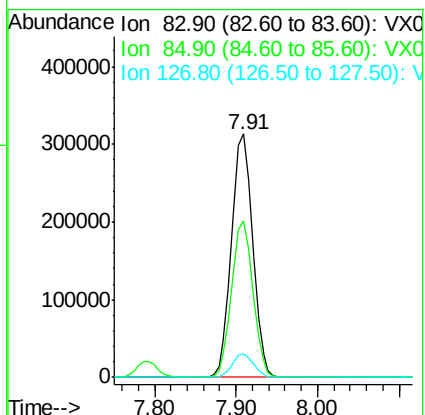
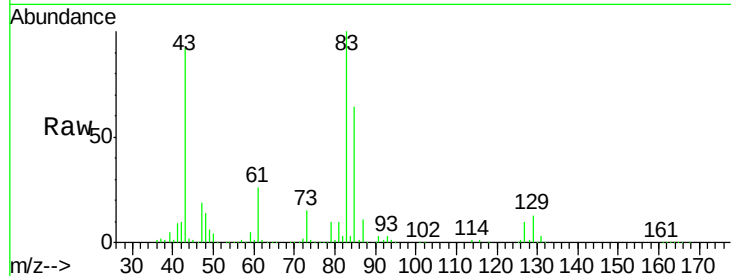
Tgt Ion: 83 Resp: 559963

Ion Ratio Lower Upper

83 100

85 64.0 51.9 77.9

127 9.6 7.7 11.5



#48

Methyl methacrylate

Concen: 176.68 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

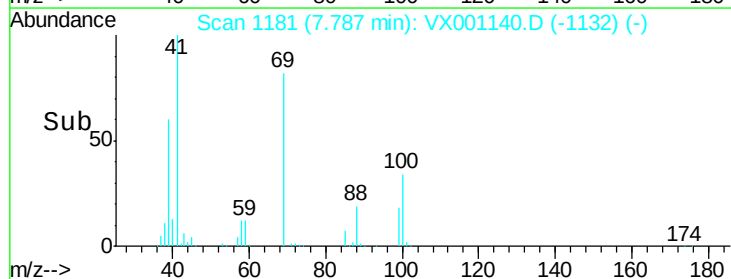
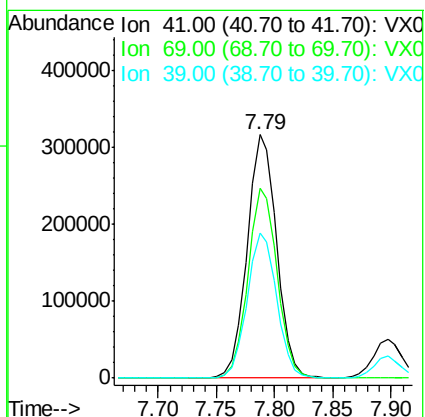
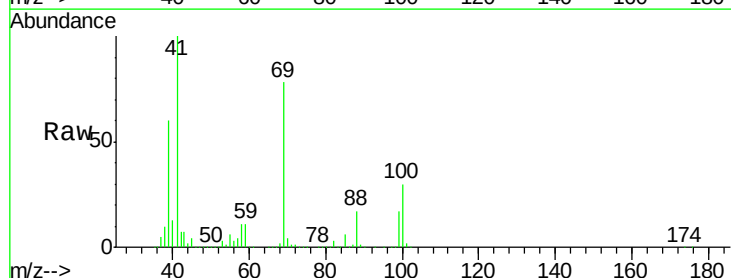
Tgt Ion: 41 Resp: 560320

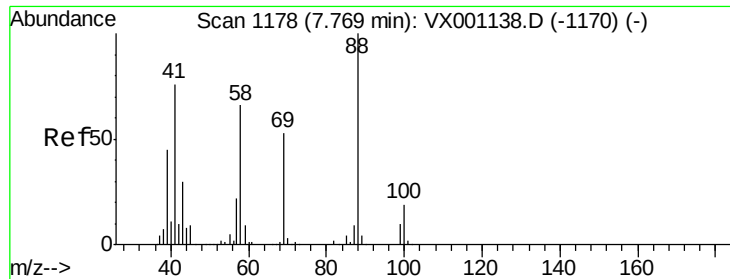
Ion Ratio Lower Upper

41 100

69 77.7 62.4 93.6

39 59.9 48.7 73.1

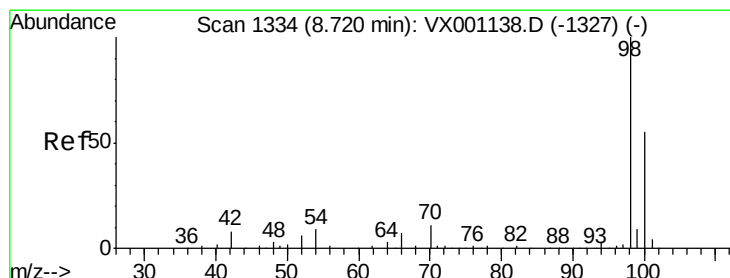
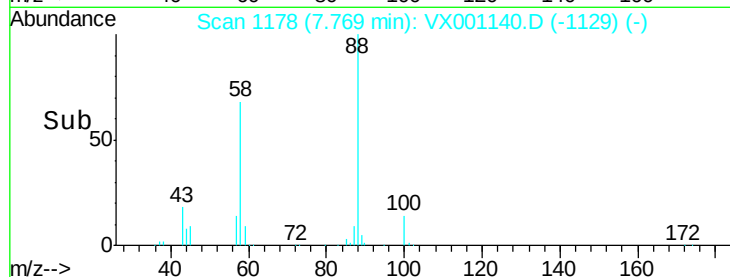
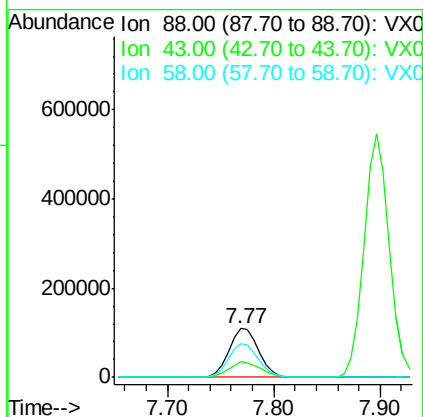
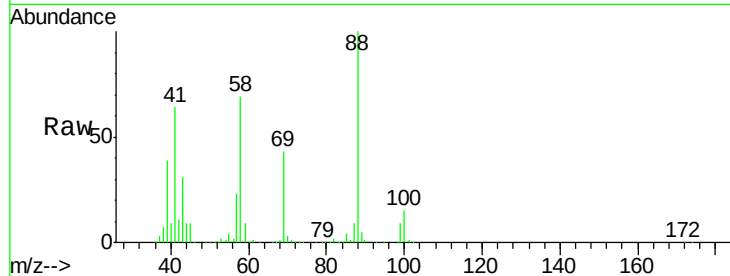




#49
 1,4-Dioxane
 Concen: 4233.60 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

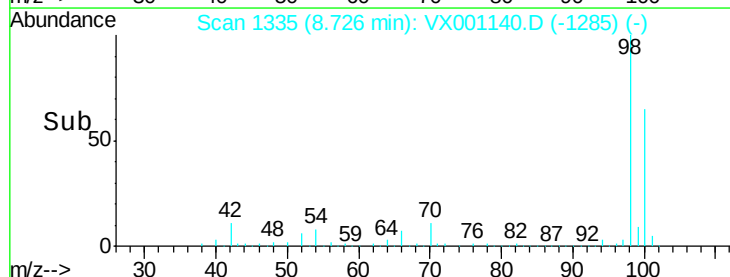
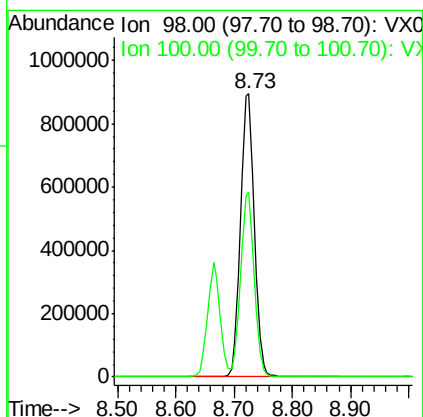
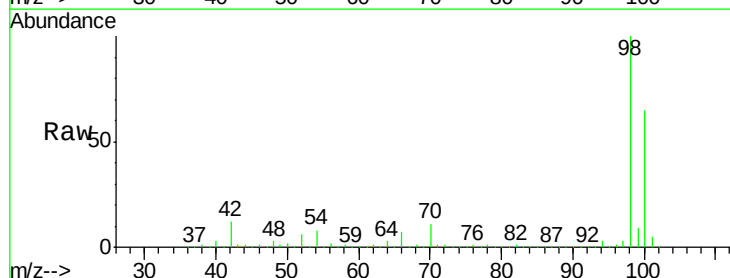
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

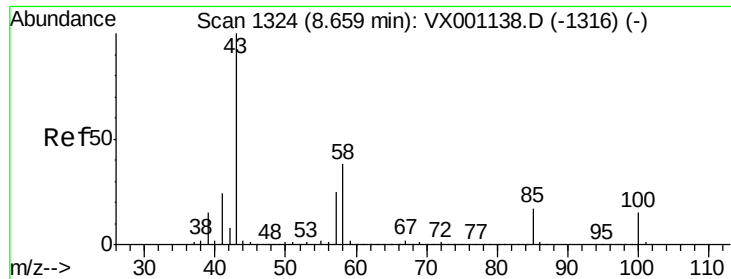
Tgt Ion: 88 Resp: 213848
 Ion Ratio Lower Upper
 88 100
 43 34.2 27.3 40.9
 58 69.5 54.2 81.4



#50
 Toluene-d8
 Concen: 165.92 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 98 Resp: 1483189
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 965.57 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

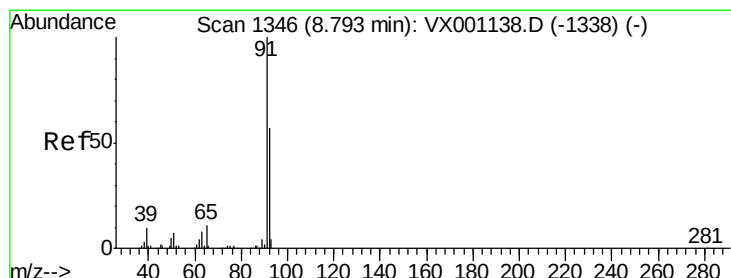
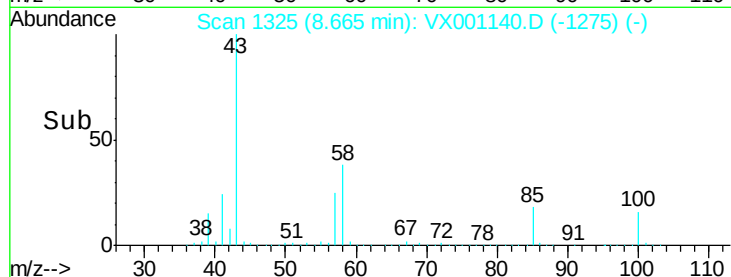
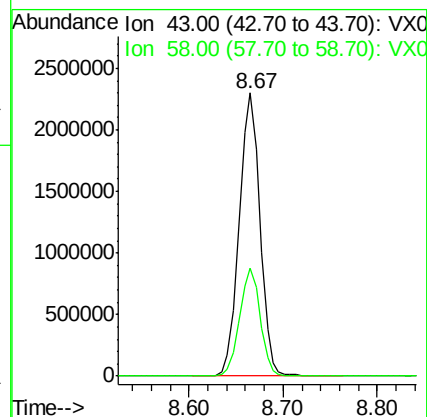
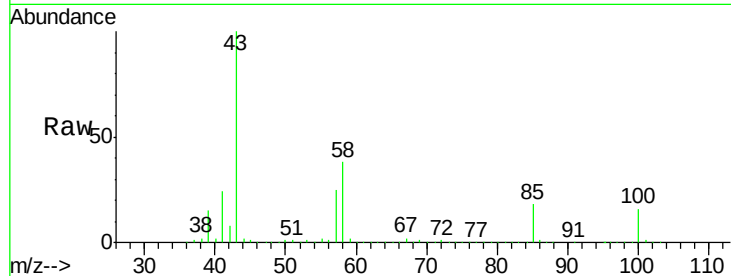
VSTDIC150

Tgt Ion: 43 Resp: 3522403

Ion Ratio Lower Upper

43 100

58 37.7 30.2 45.2



#52

Toluene

Concen: 153.80 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001140.D

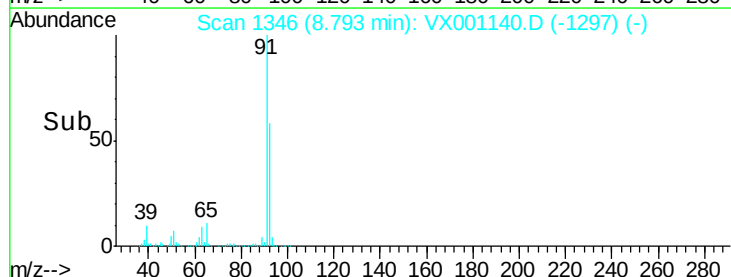
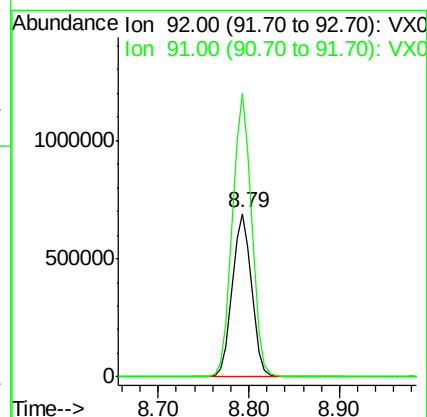
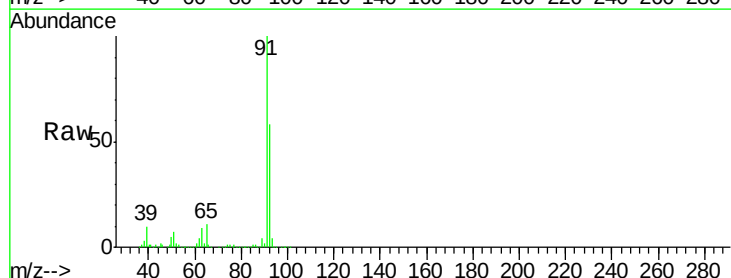
Acq: 26 Apr 2018 19:11

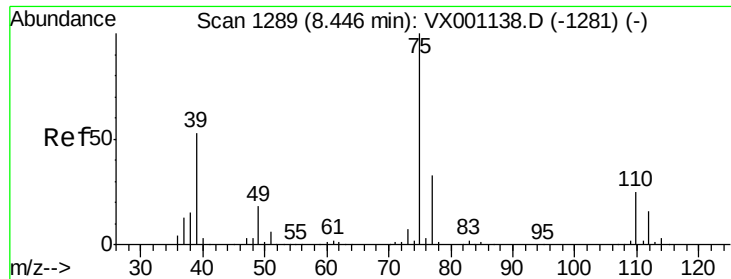
Tgt Ion: 92 Resp: 1020668

Ion Ratio Lower Upper

92 100

91 173.4 139.8 209.6

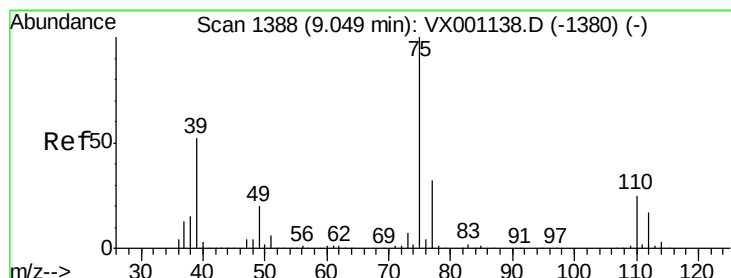
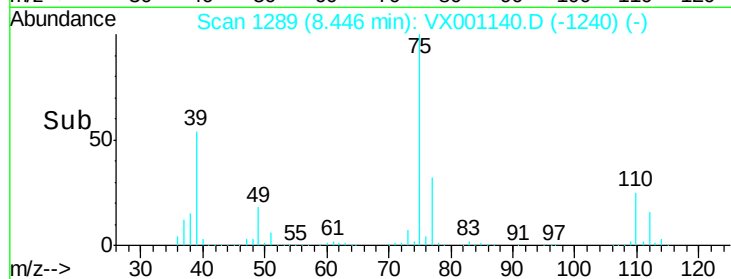
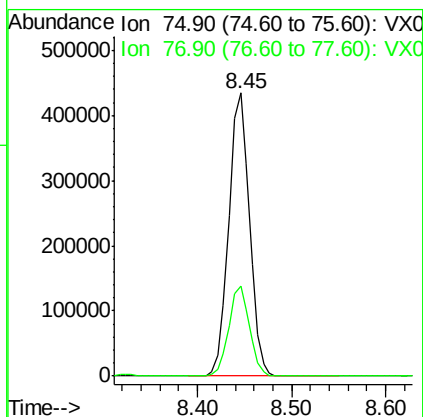
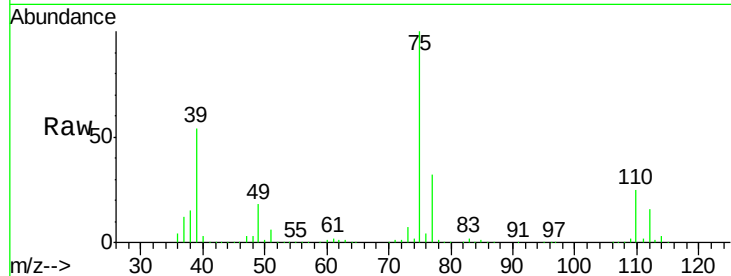




#53
 t-1,3-Dichloropropene
 Concen: 167.42 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

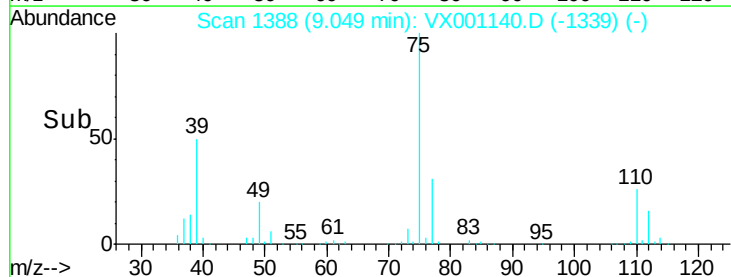
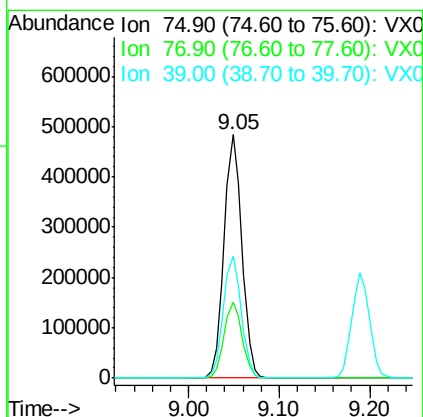
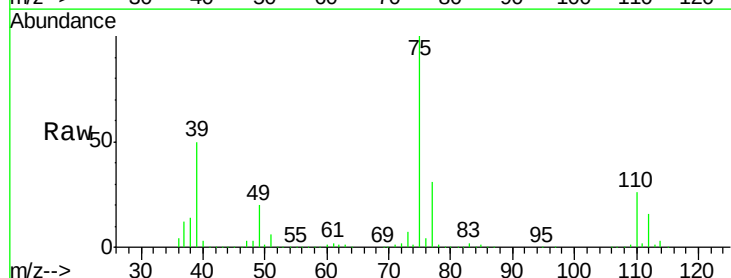
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

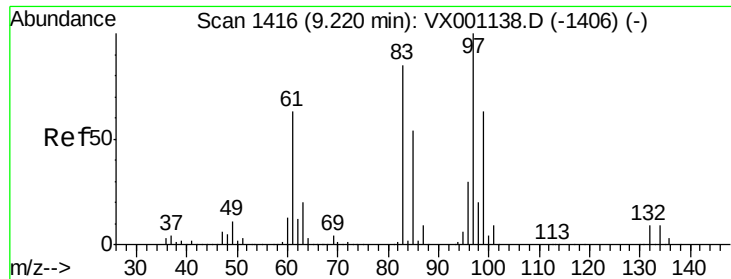
Tgt Ion: 75 Resp: 663262
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 177.83 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 75 Resp: 663779
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 50.0 42.0 63.0

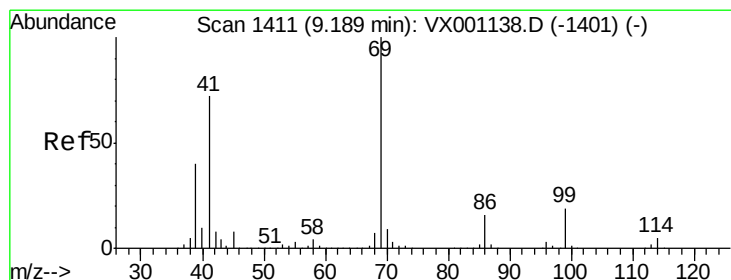
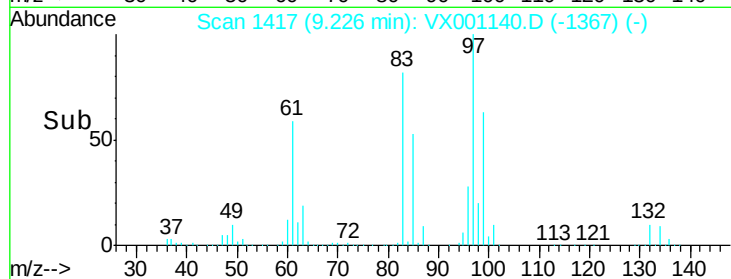
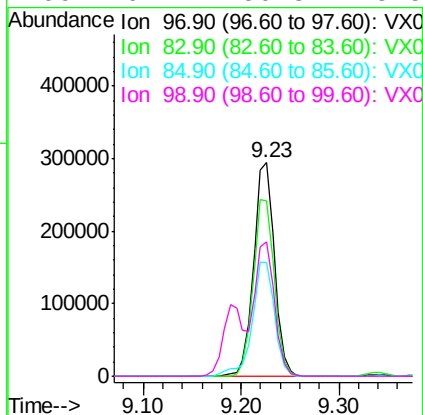
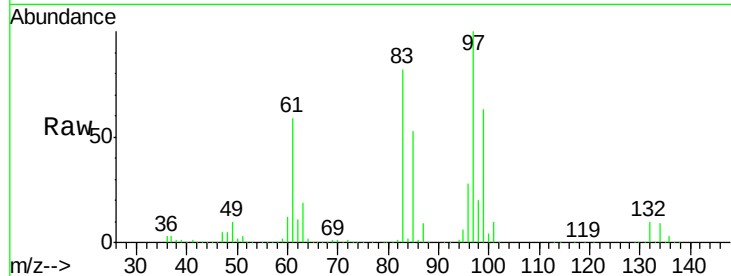




#55
 1,1,2-Trichloroethane
 Concen: 162.60 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

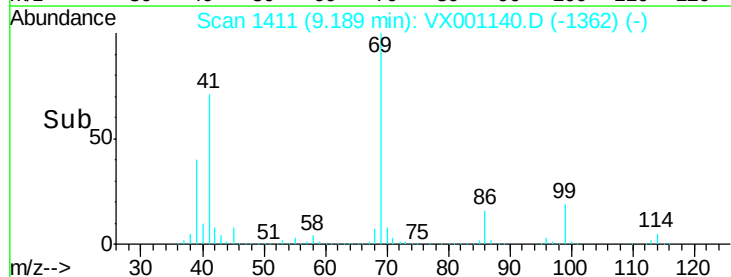
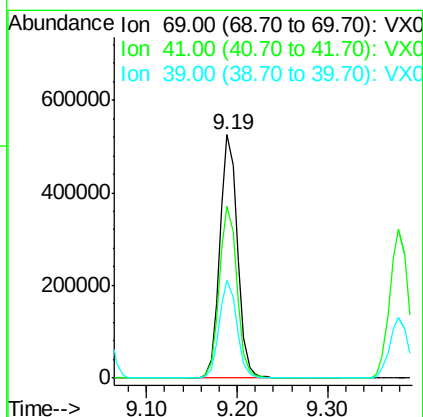
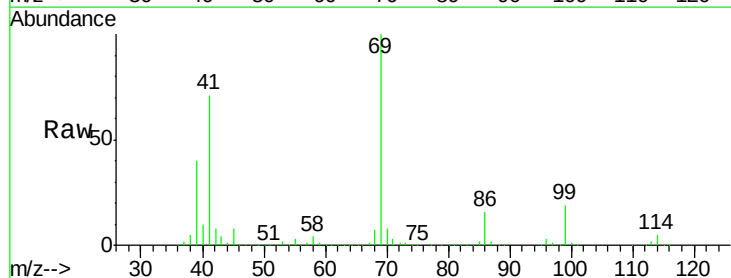
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

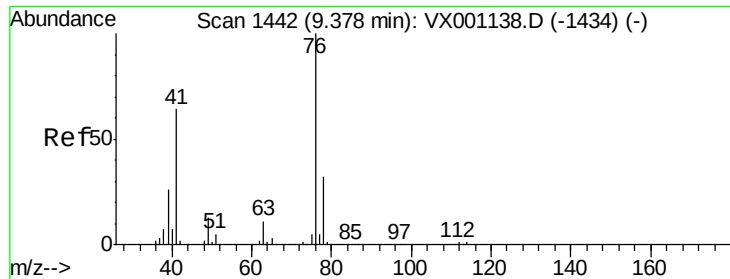
Tgt Ion:	97	Resp:	433359
Ion	Ratio	Lower	Upper
97	100		
83	81.9	68.0	102.0
85	53.3	42.9	64.3
99	62.7	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 181.66 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion:	69	Resp:	714790
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.7	86.5
39	40.0	33.3	49.9

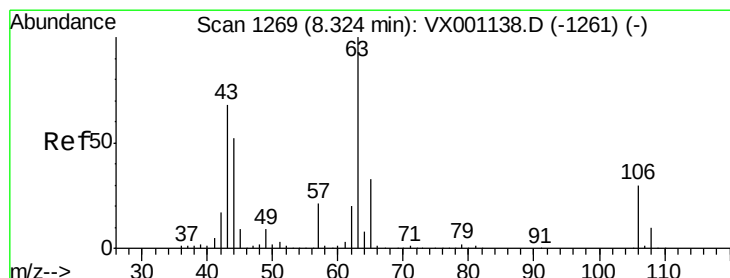
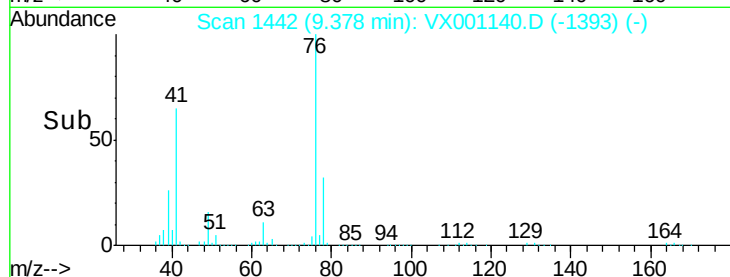
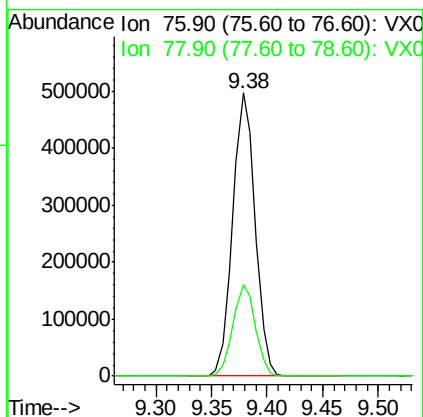
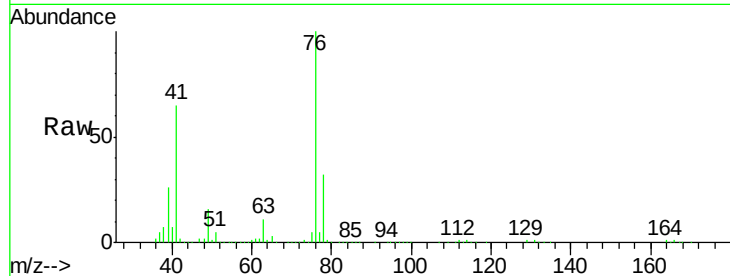




#57
 1,3-Dichloropropane
 Concen: 157.64 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

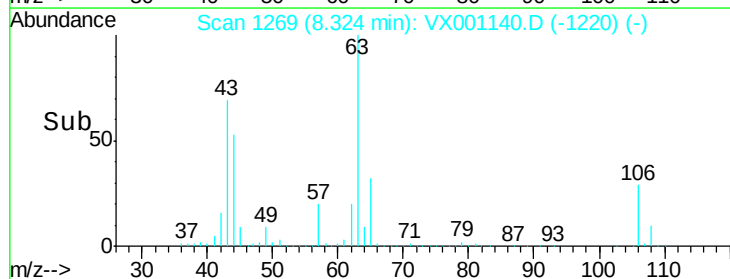
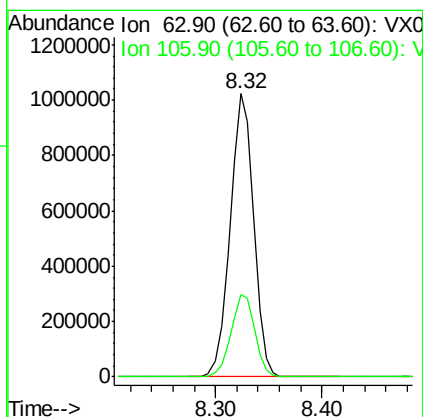
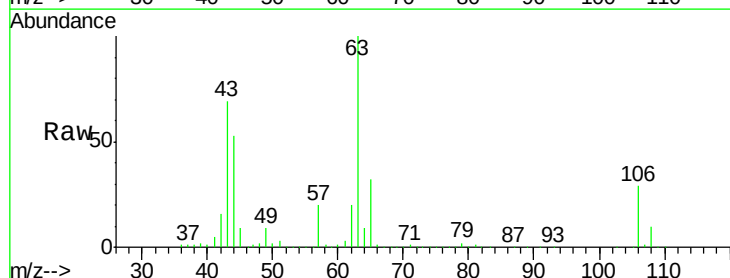
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

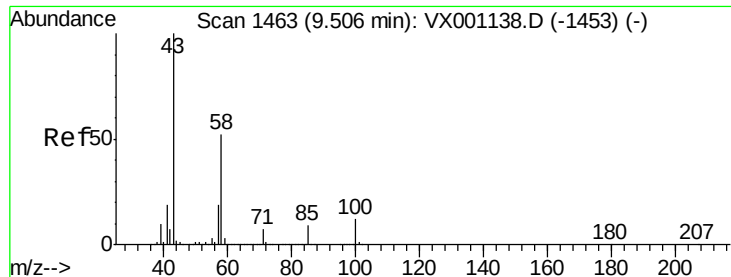
Tgt Ion: 76 Resp: 695095
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 828.52 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 63 Resp: 1576251
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.7 35.5

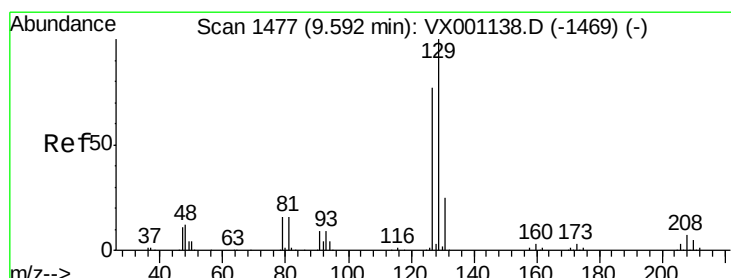
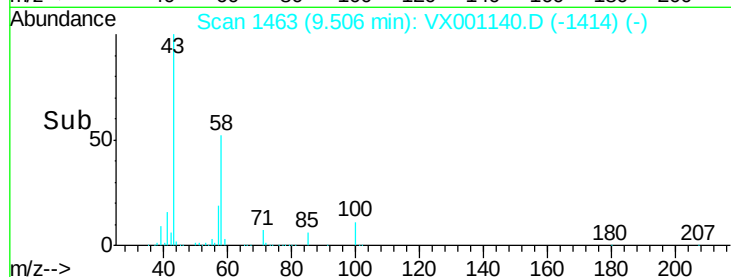
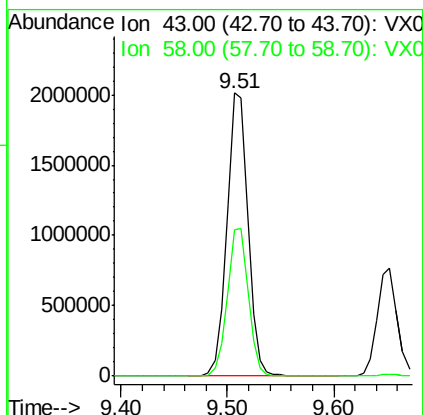
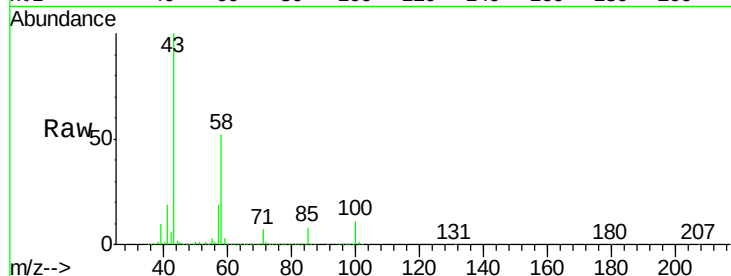




#59
2-Hexanone
Concen: 996.51 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

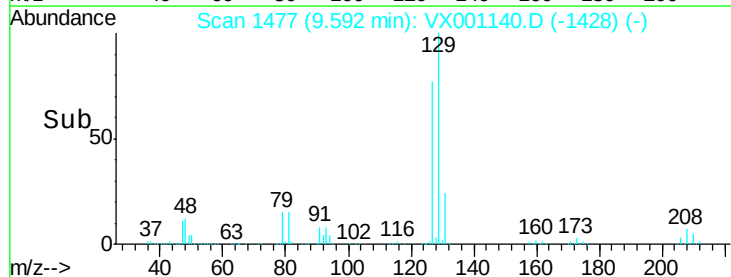
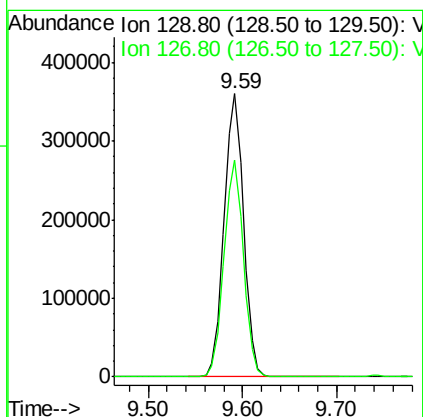
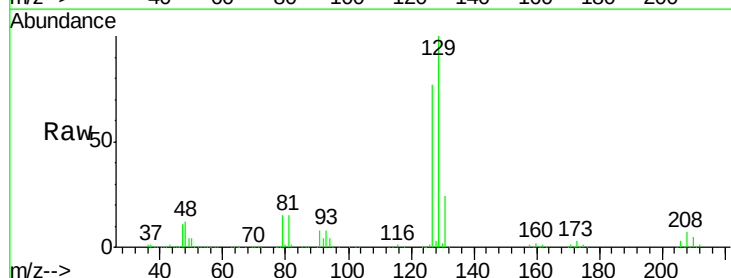
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

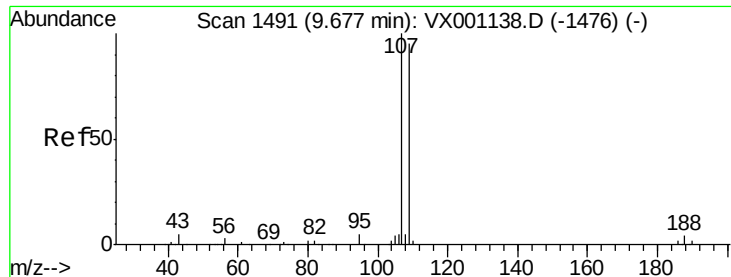
Tgt Ion: 43 Resp: 2795235
Ion Ratio Lower Upper
43 100
58 52.3 25.8 77.4



#60
Dibromochloromethane
Concen: 185.25 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion: 129 Resp: 516631
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 168.78 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

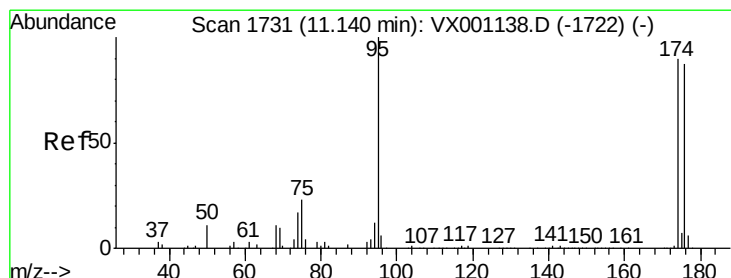
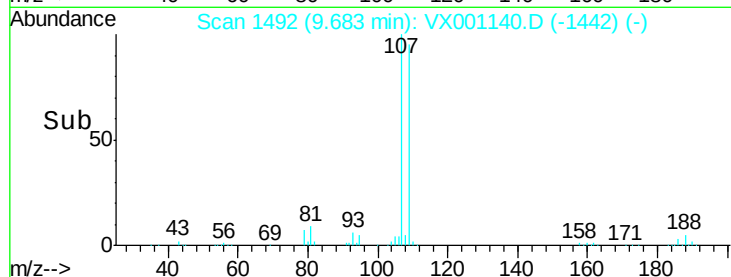
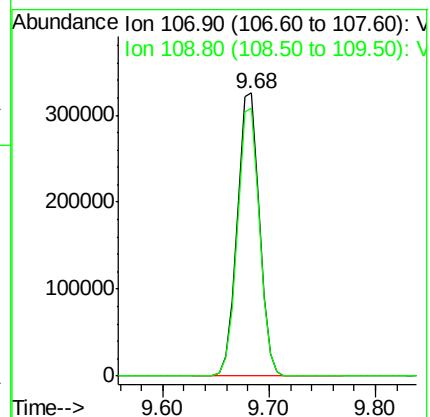
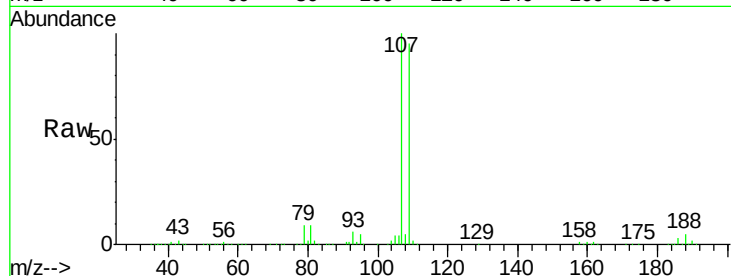
VSTDIC150

Tgt Ion: 107 Resp: 476110

Ion Ratio Lower Upper

107 100

109 94.9 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 165.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

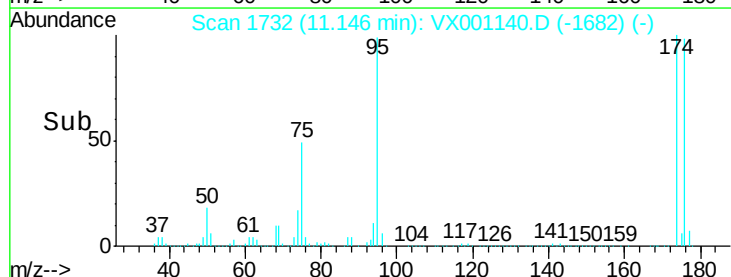
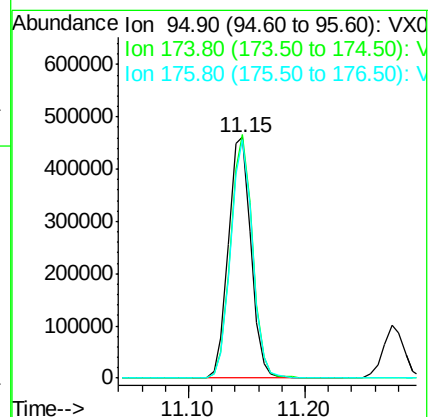
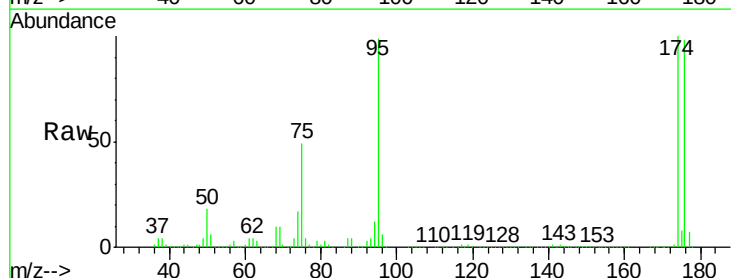
Tgt Ion: 95 Resp: 618856

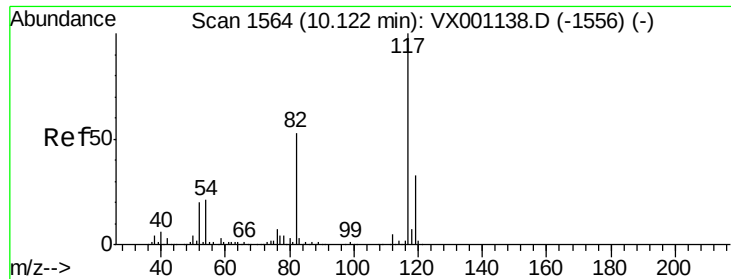
Ion Ratio Lower Upper

95 100

174 98.0 0.0 194.4

176 95.8 0.0 190.2

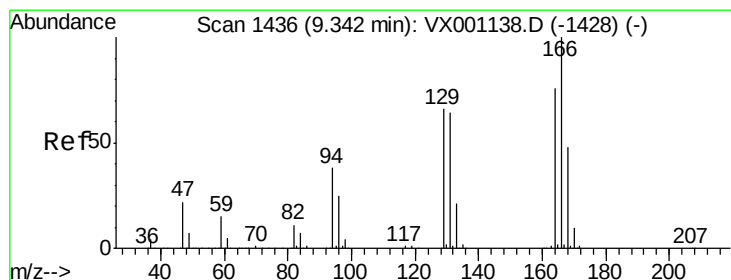
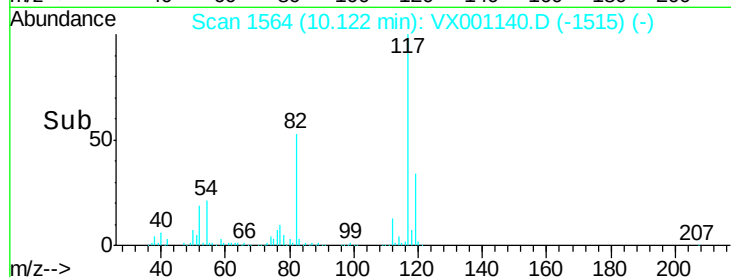
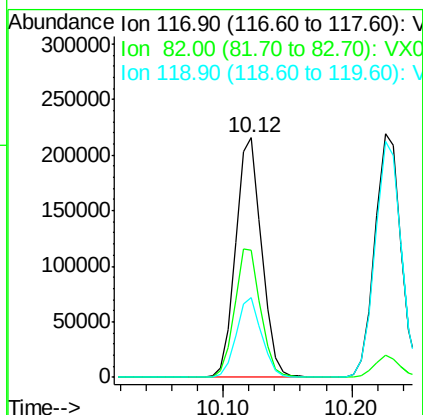
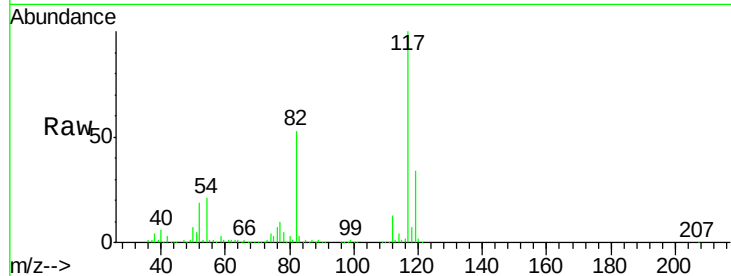




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

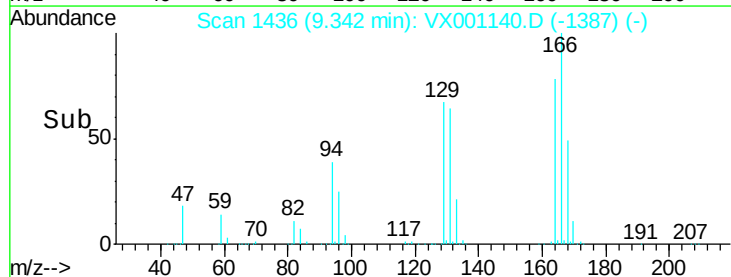
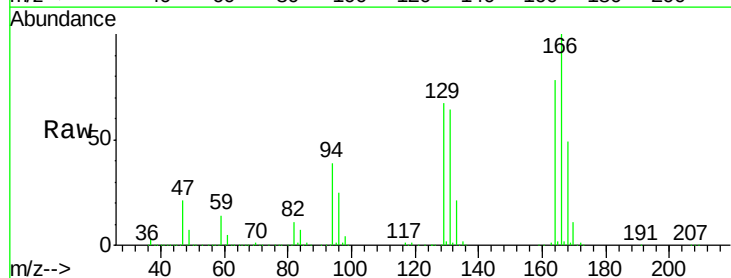
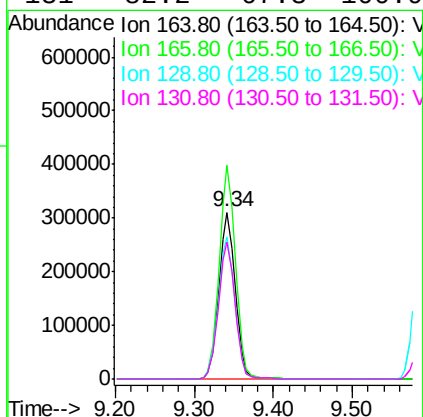
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

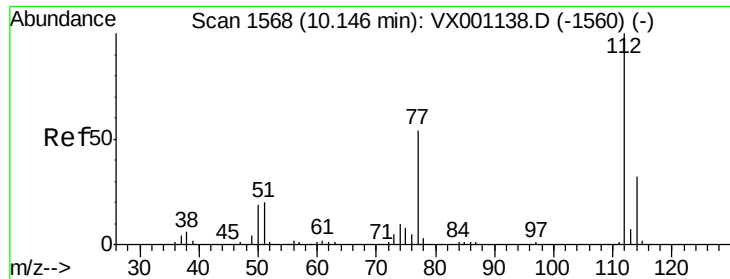
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.1	63.1
119	33.5	26.1	39.1



#64
Tetrachloroethene
Concen: 141.67 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	105.0	157.6
129	85.6	69.4	104.2
131	82.2	67.3	100.9

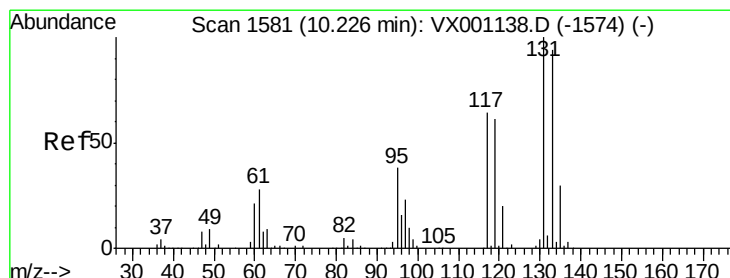
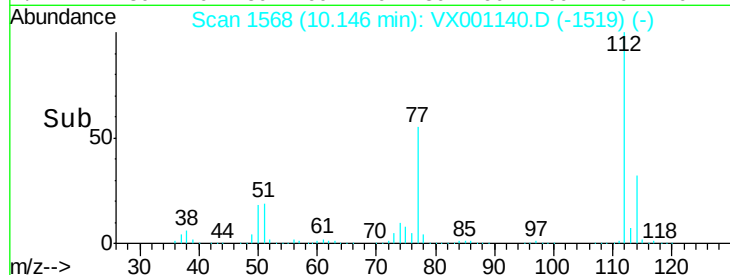
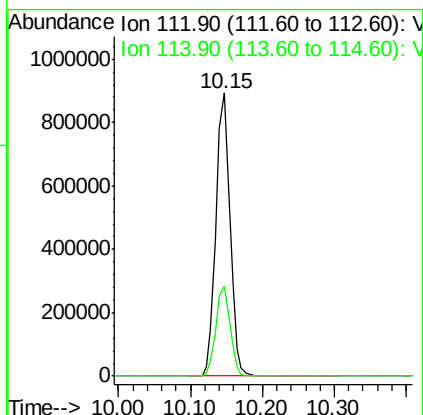
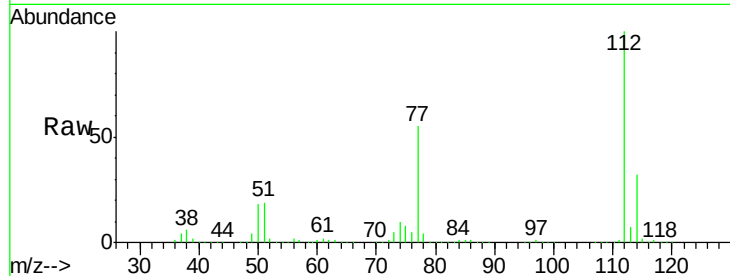




#65
Chlorobenzene
Concen: 151.06 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

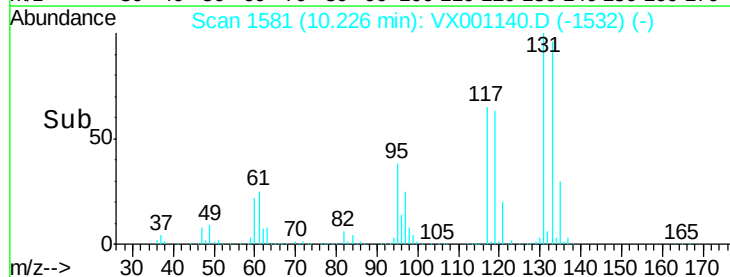
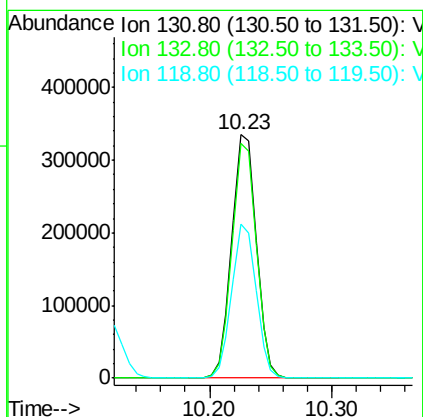
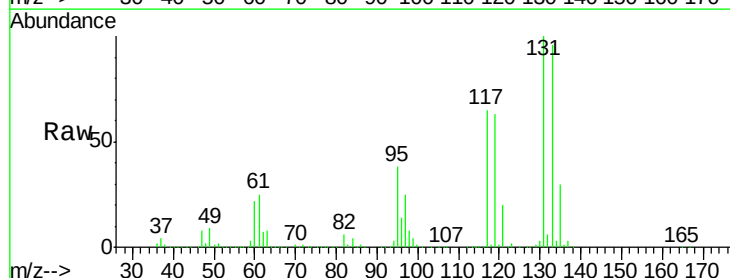
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

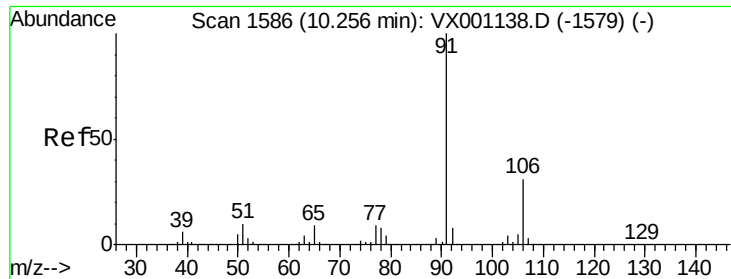
Tgt Ion:112 Resp: 1209745
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 169.20 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion:131 Resp: 466181
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 62.6 31.3 93.8





#67

Ethyl Benzene

Concen: 151.45 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

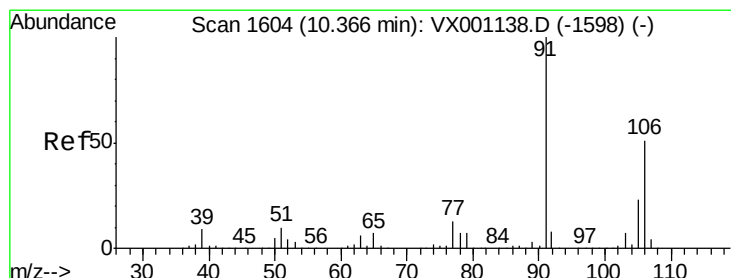
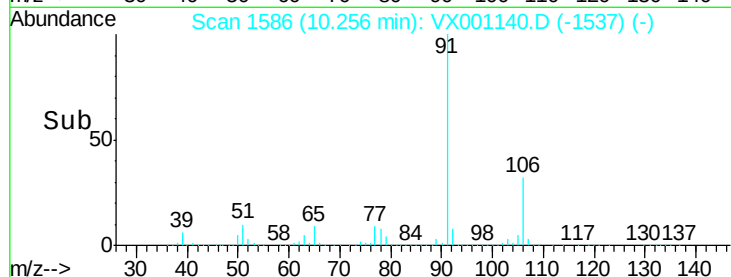
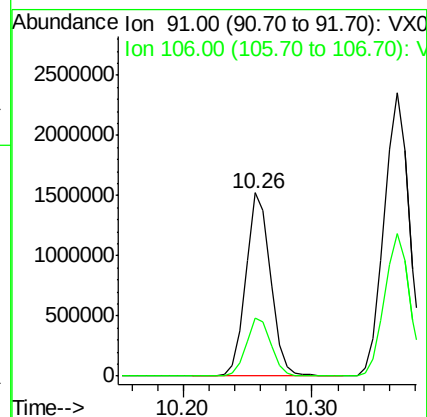
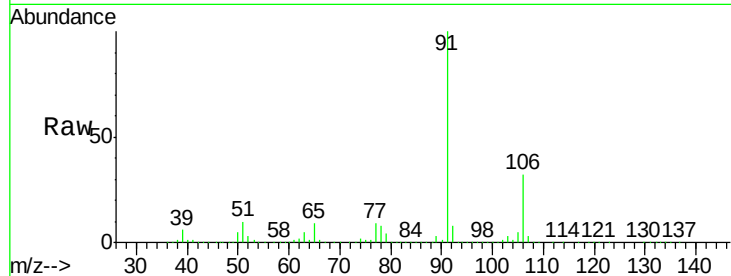
VSTDIC150

Tgt Ion: 91 Resp: 2006467

Ion Ratio Lower Upper

91 100

106 31.7 24.8 37.2



#68

m/p-Xylenes

Concen: 308.71 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001140.D

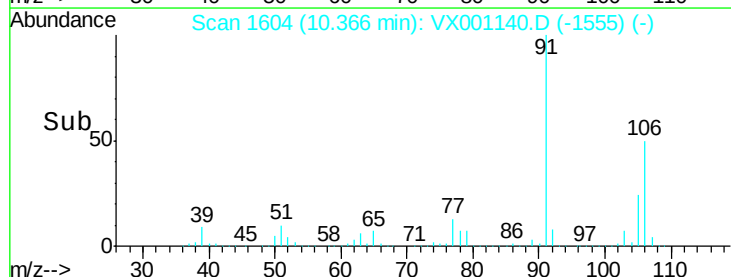
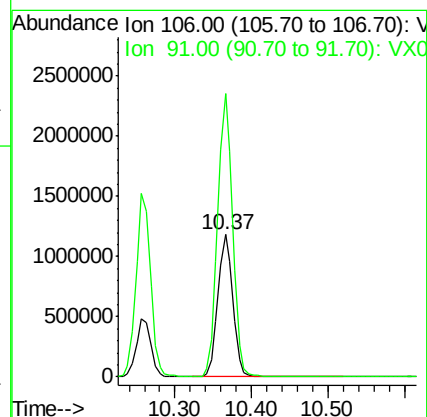
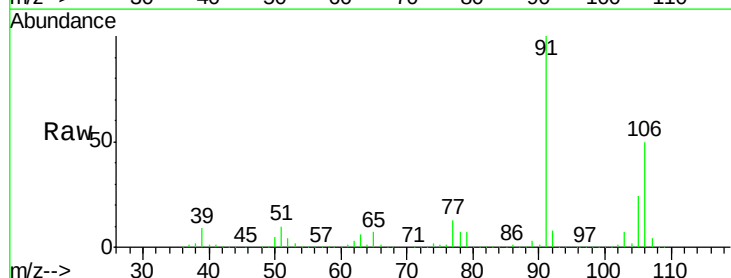
Acq: 26 Apr 2018 19:11

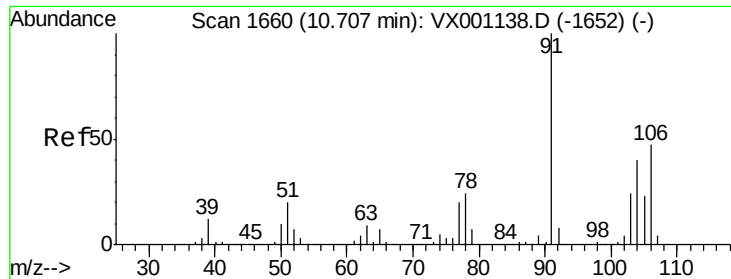
Tgt Ion: 106 Resp: 1612030

Ion Ratio Lower Upper

106 100

91 198.9 160.9 241.3

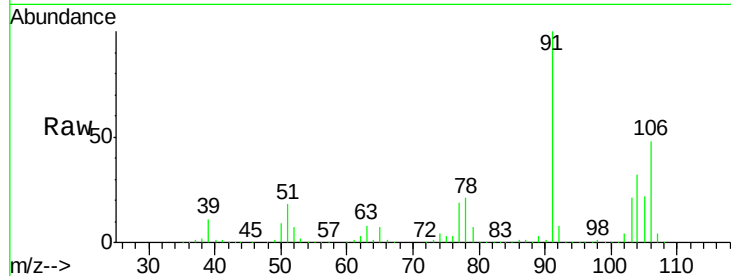




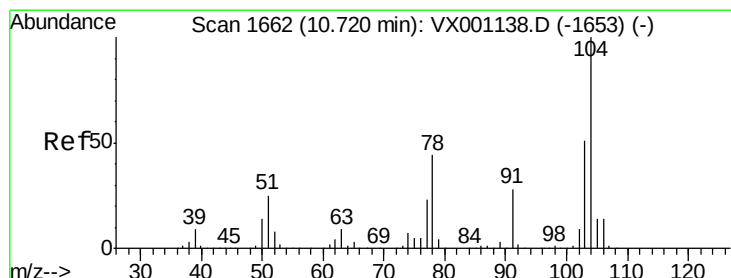
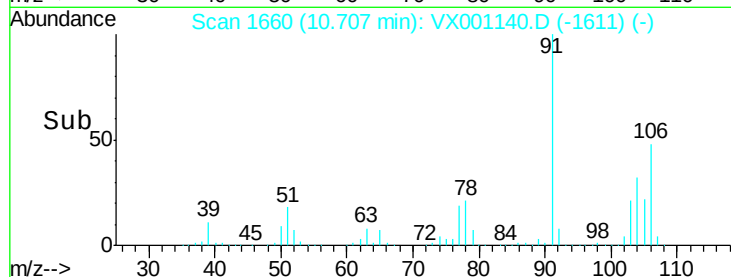
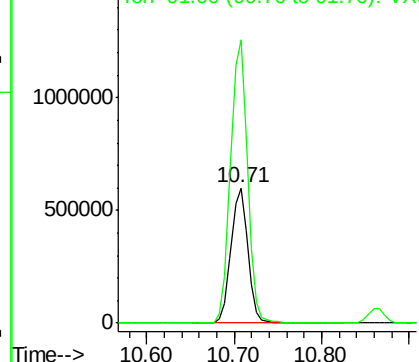
#69
o-Xylene
Concen: 158.18 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 798739
Ion Ratio Lower Upper
106 100
91 211.5 106.2 318.5

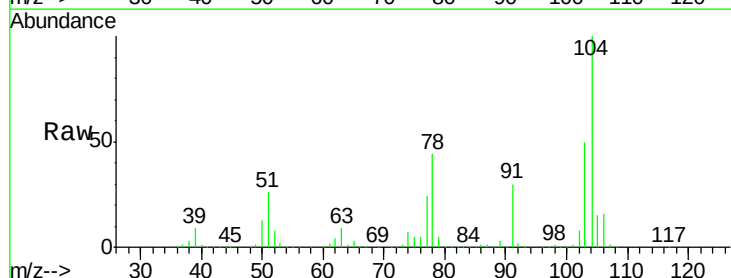


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

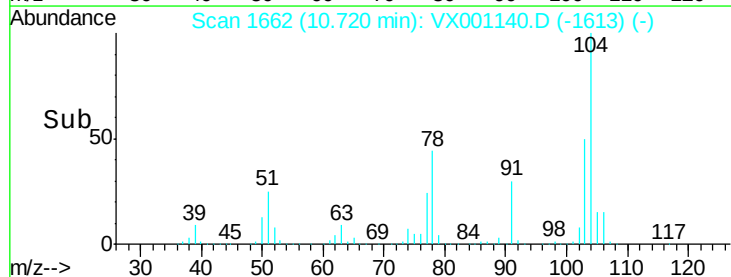
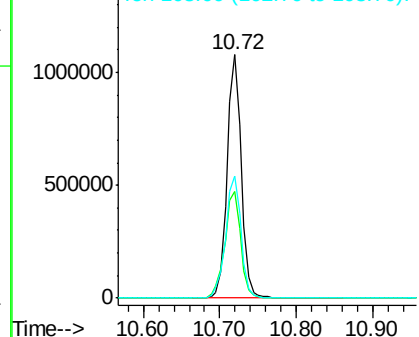


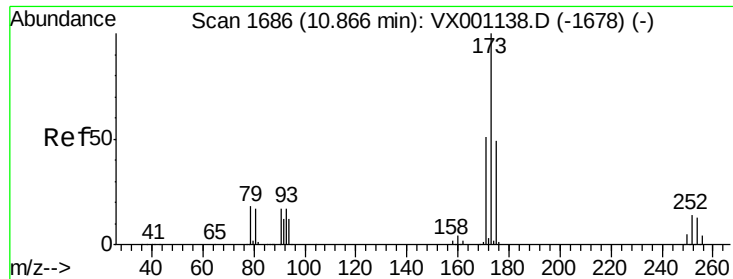
#70
Styrene
Concen: 164.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion:104 Resp: 1370622
Ion Ratio Lower Upper
104 100
78 49.4 40.3 60.5
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 211.30 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

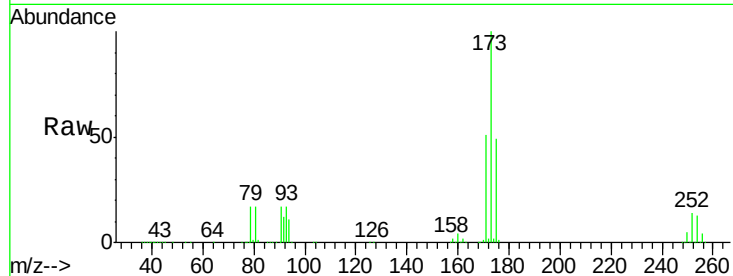
Tgt Ion:173 Resp: 481092

Ion Ratio Lower Upper

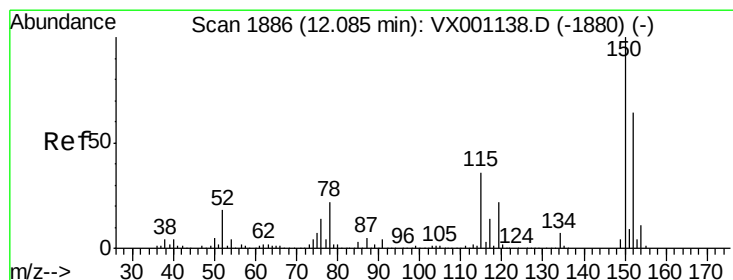
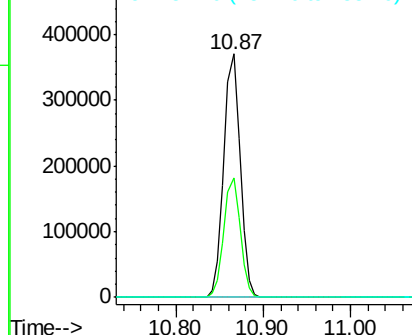
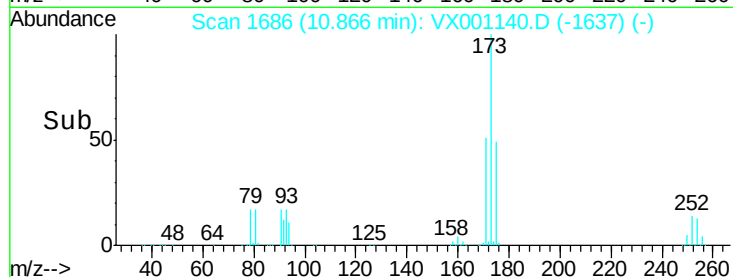
173 100

175 49.2 24.6 73.8

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

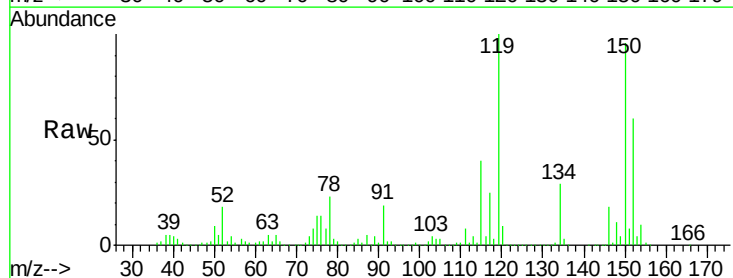
Tgt Ion:152 Resp: 217646

Ion Ratio Lower Upper

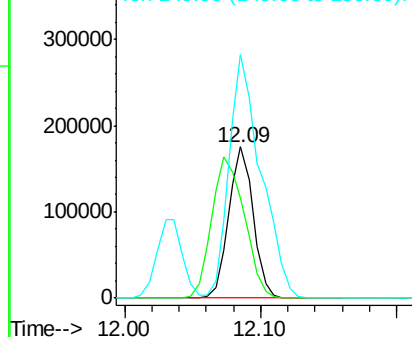
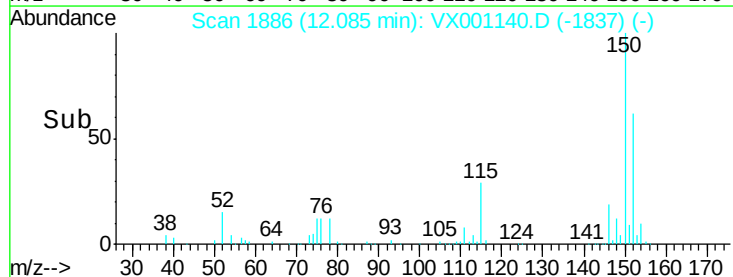
152 100

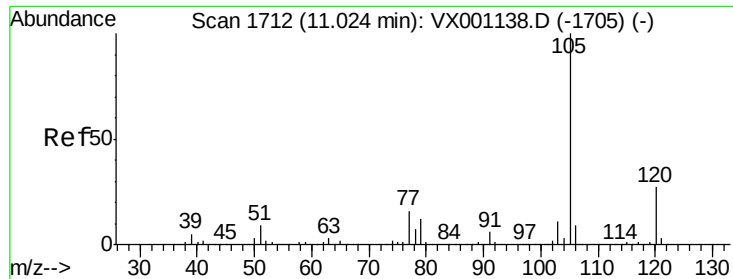
115 124.7 38.0 114.0#

150 212.0 0.0 349.6



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





#73

Isopropylbenzene

Concen: 148.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

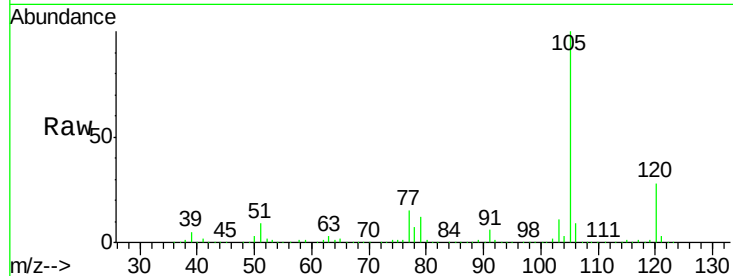
VSTDIC150

Tgt Ion:105 Resp: 2109055

Ion Ratio Lower Upper

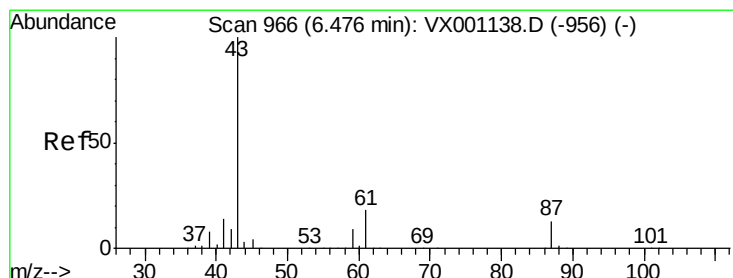
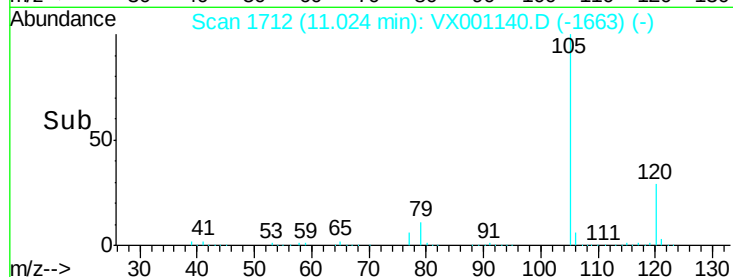
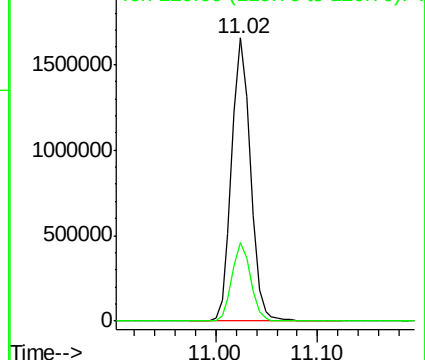
105 100

120 27.5 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 168.32 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Tgt Ion: 43 Resp: 1051918

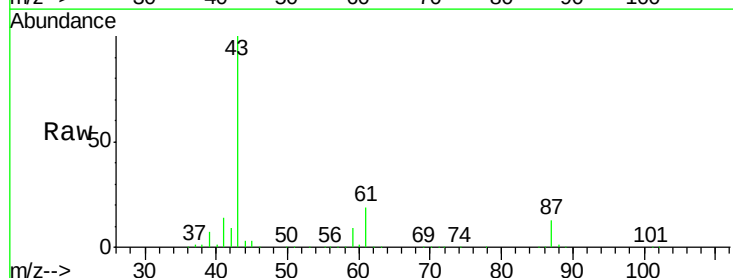
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0#

61 18.9 15.0 22.6

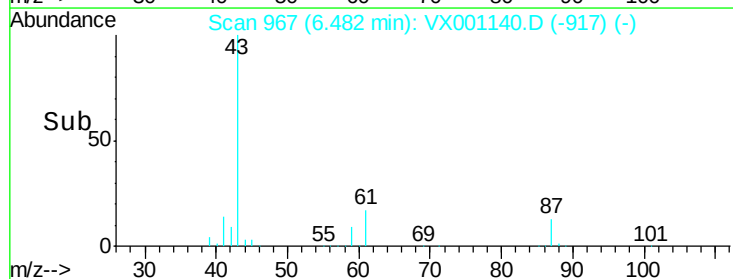
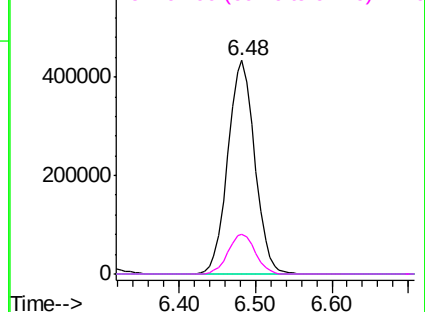


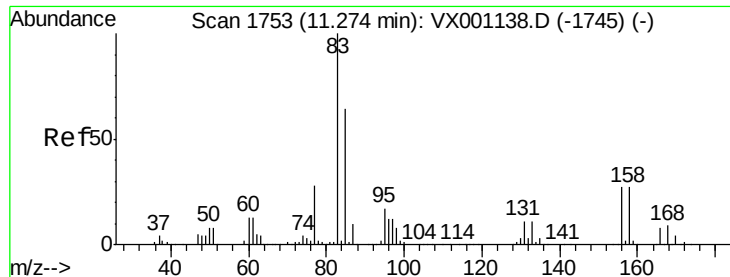
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 182.23 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

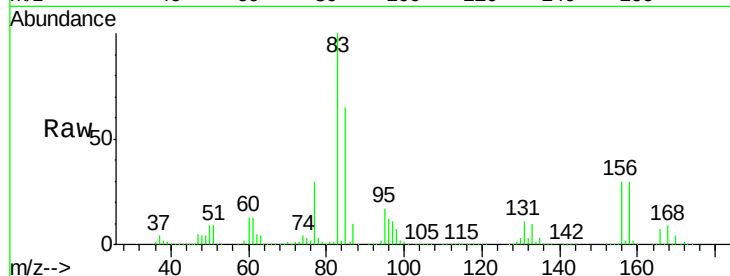
Tgt Ion: 83 Resp: 749254

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

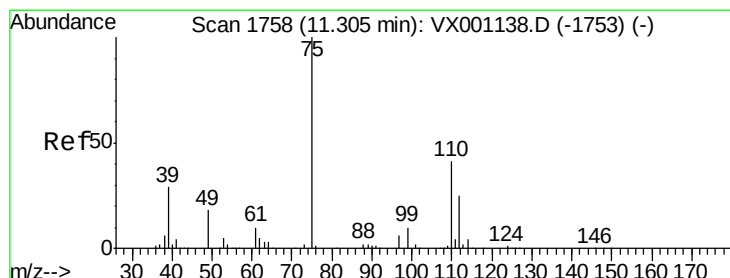
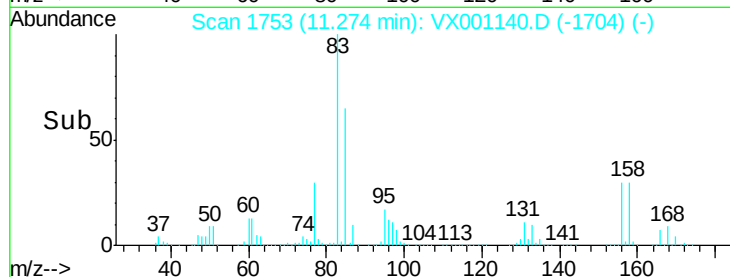
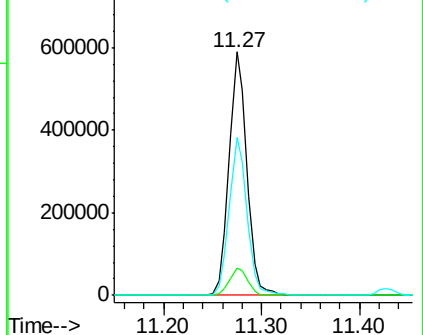
85 65.0 32.1 96.3



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: 225.50 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001140.D

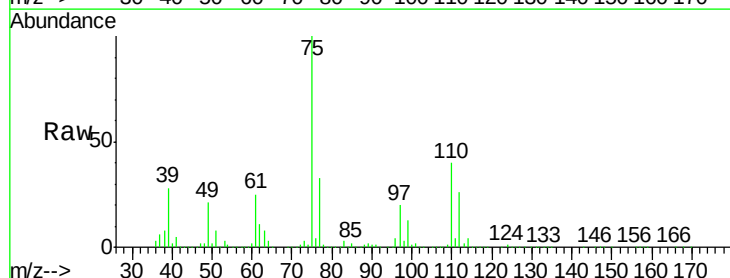
Acq: 26 Apr 2018 19:11

Tgt Ion: 75 Resp: 875622

Ion Ratio Lower Upper

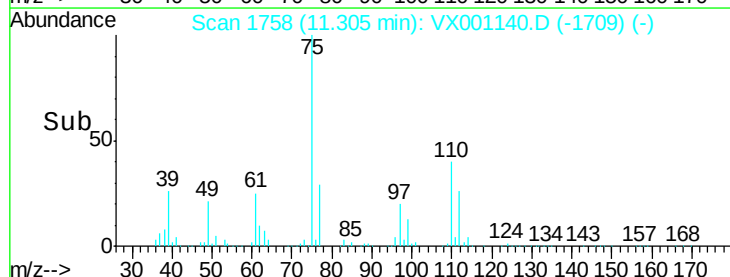
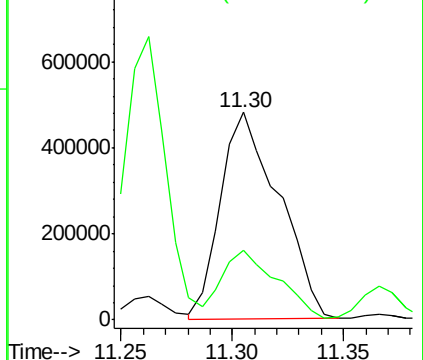
75 100

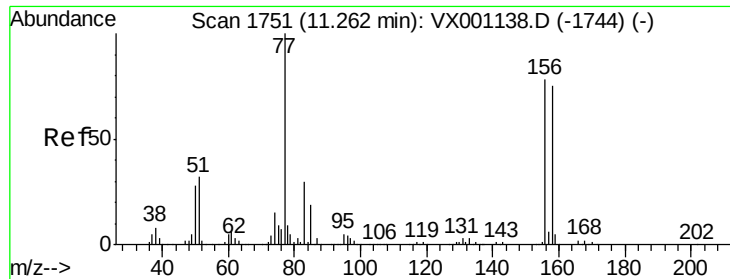
77 32.1 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 154.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

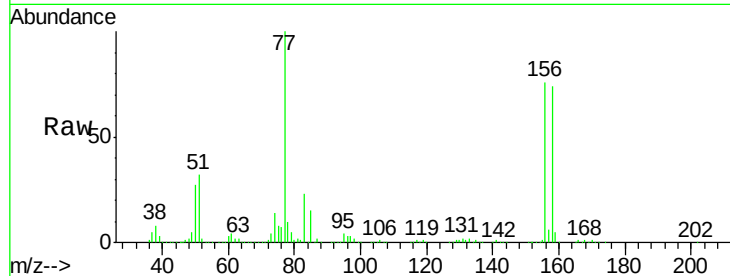
Tgt Ion:156 Resp: 635492

Ion Ratio Lower Upper

156 100

77 134.6 67.8 203.2

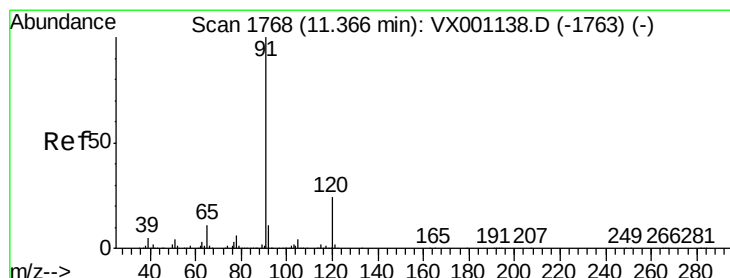
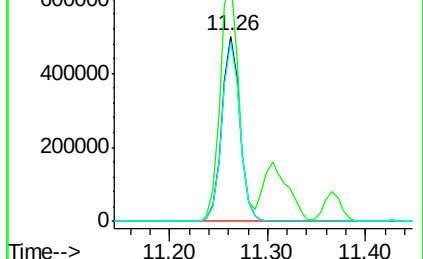
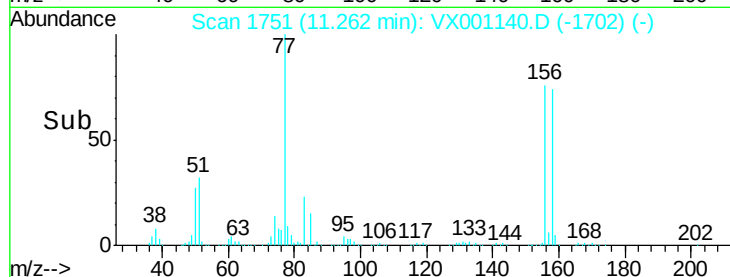
158 97.5 48.9 146.7



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: 145.49 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001140.D

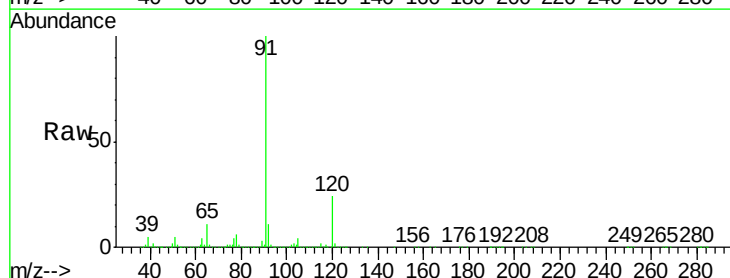
Acq: 26 Apr 2018 19:11

Tgt Ion: 91 Resp: 2363279

Ion Ratio Lower Upper

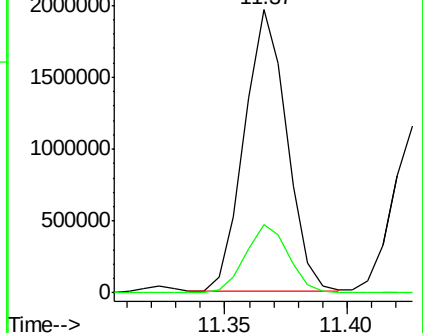
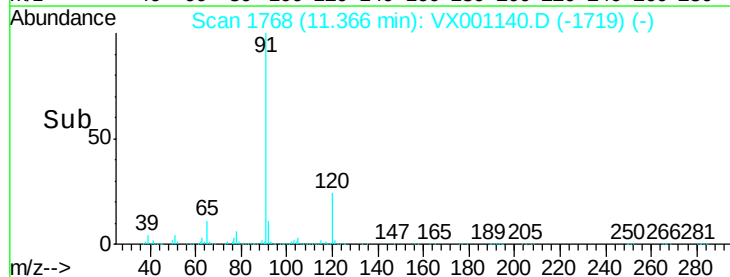
91 100

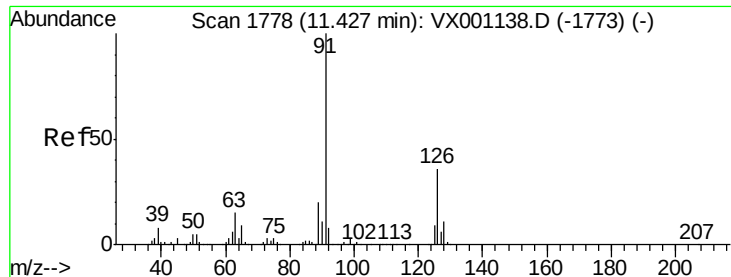
120 25.0 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

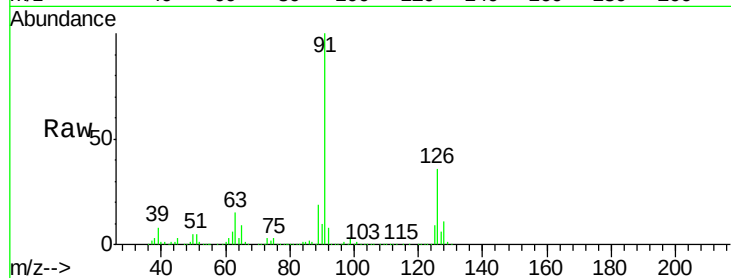
VSTDIC150

Tgt Ion: 91 Resp: 1449848

Ion Ratio Lower Upper

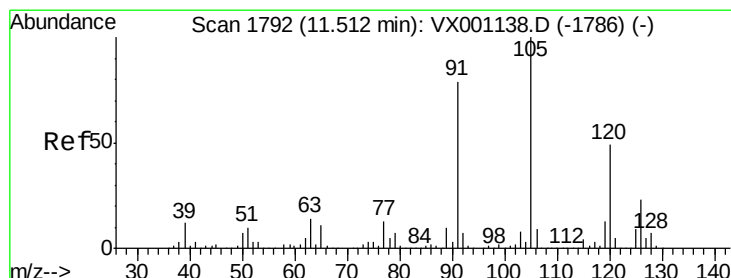
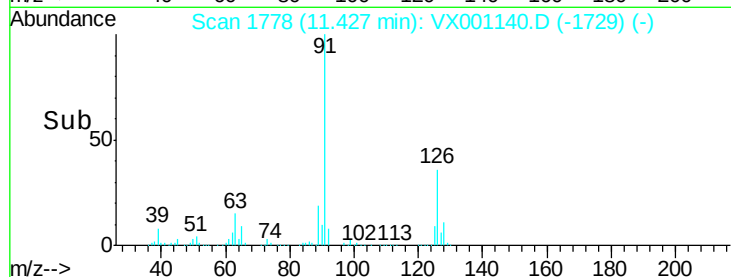
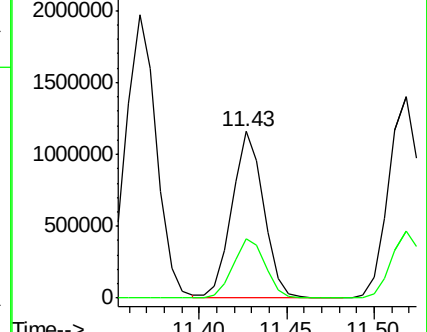
91 100

126 36.3 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX001138.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001138.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 153.53 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001140.D

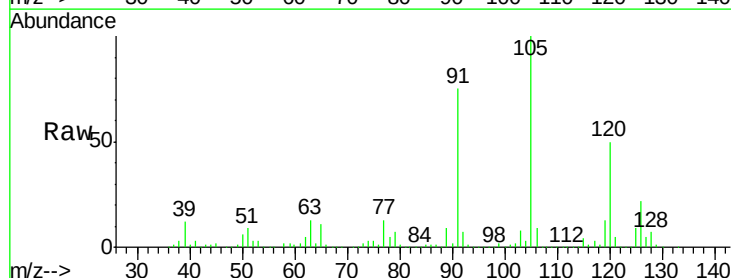
Acq: 26 Apr 2018 19:11

Tgt Ion: 105 Resp: 1846263

Ion Ratio Lower Upper

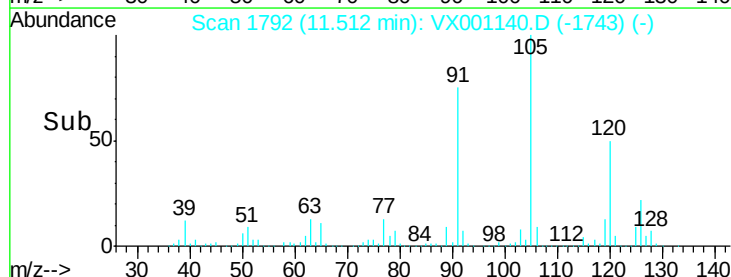
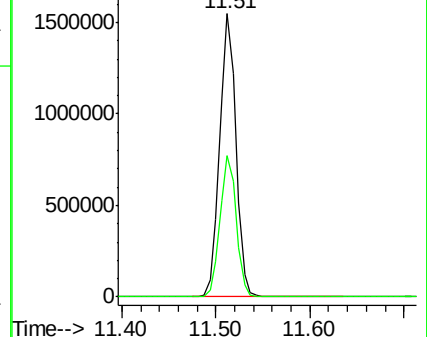
105 100

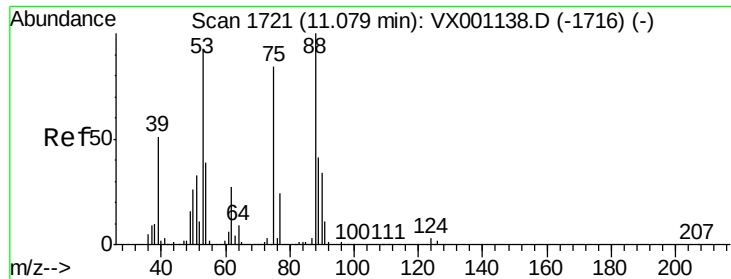
120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX001138.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001138.D (-1786) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 215.59 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

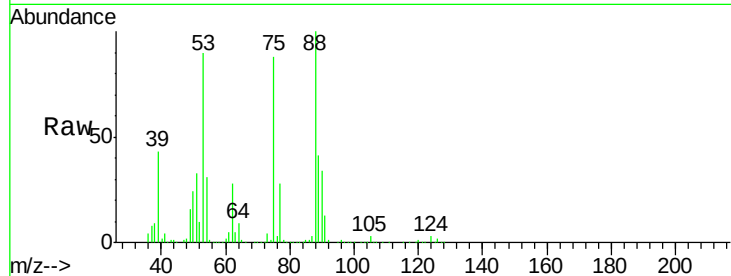
Tgt Ion: 75 Resp: 232929

Ion Ratio Lower Upper

75 100

53 101.1 87.9 131.9

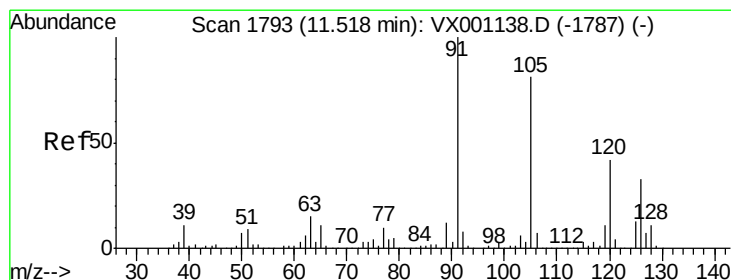
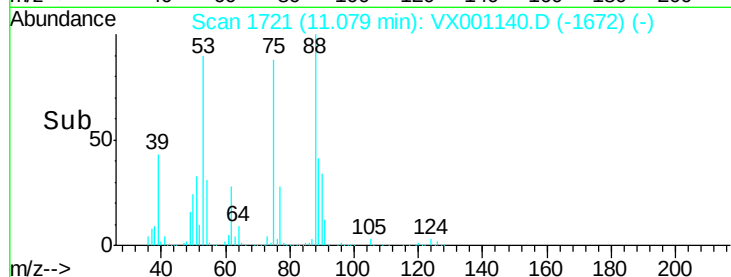
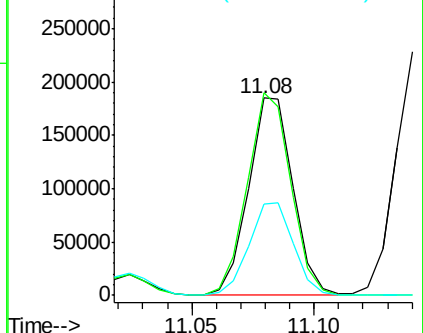
89 47.5 37.7 56.5



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: 150.60 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001140.D

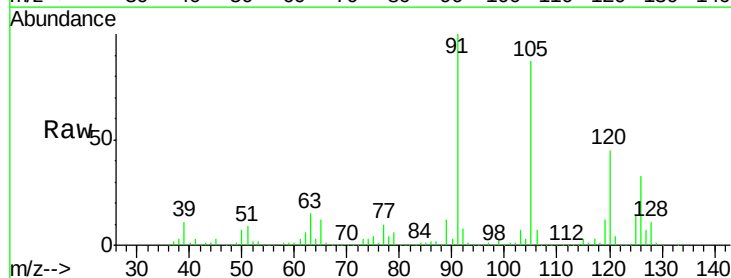
Acq: 26 Apr 2018 19:11

Tgt Ion: 91 Resp: 1753047

Ion Ratio Lower Upper

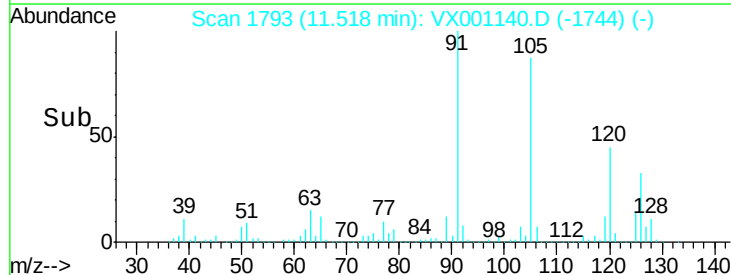
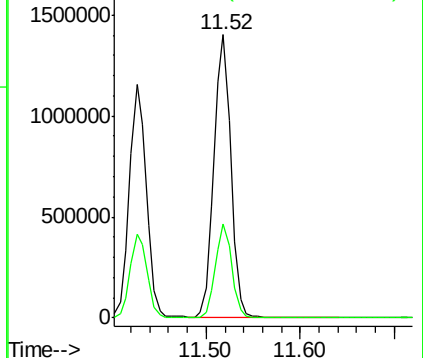
91 100

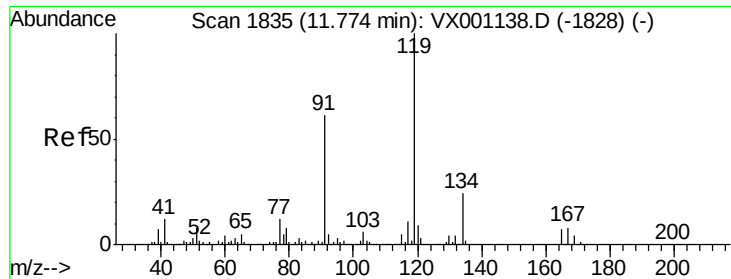
126 32.2 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

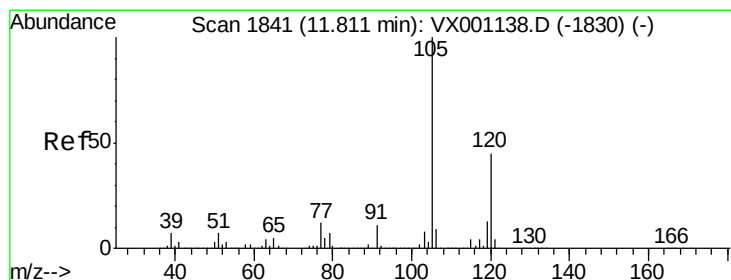
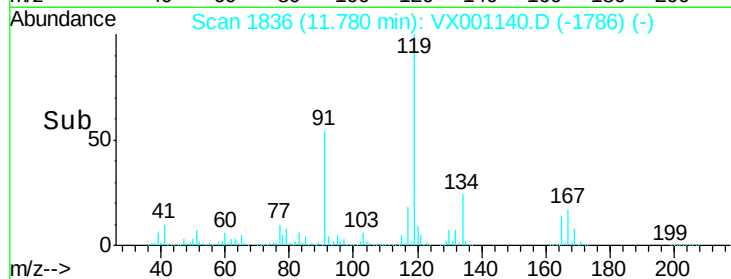
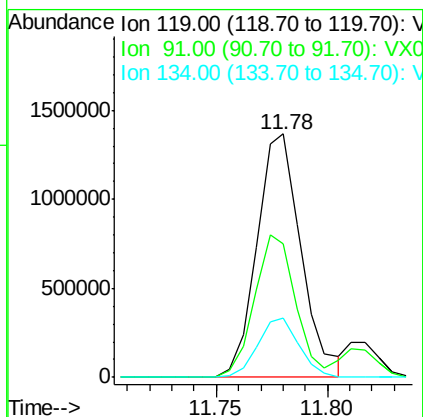
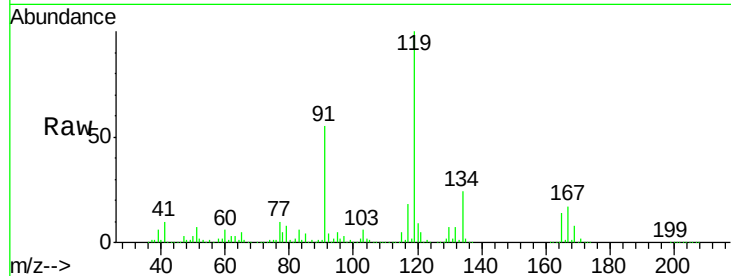




#83
 tert-Butylbenzene
 Concen: 156.16 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

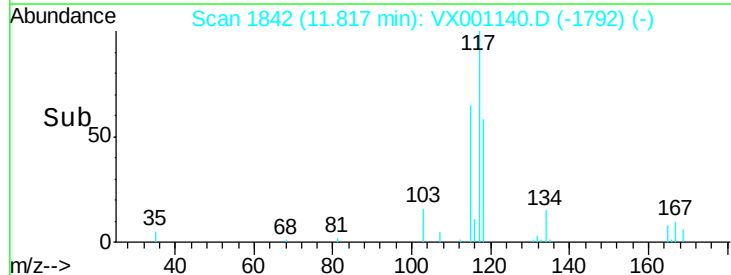
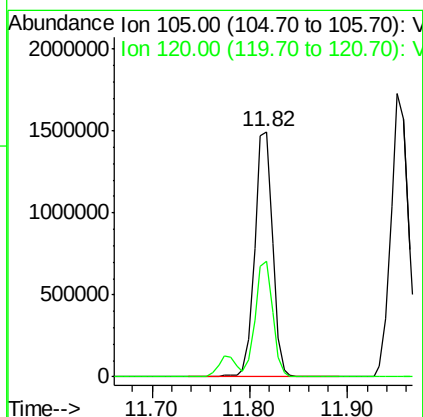
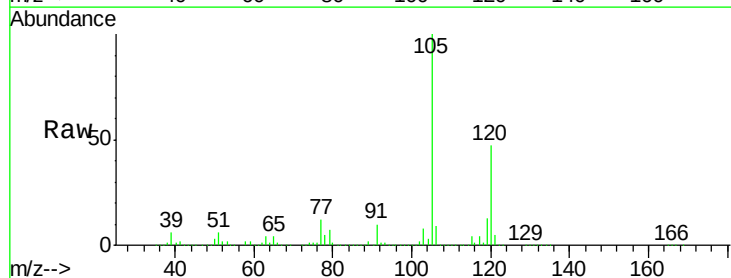
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

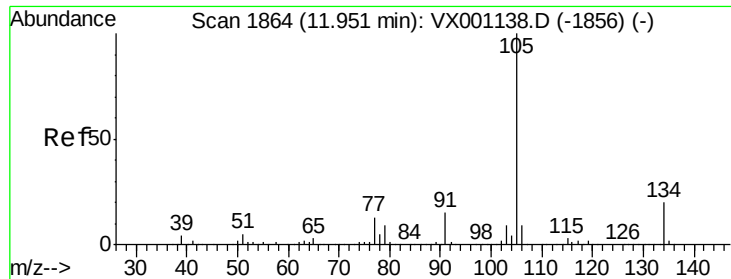
Tgt Ion:119 Resp: 1890702
 Ion Ratio Lower Upper
 119 100
 91 54.5 27.6 82.8
 134 22.9 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 152.57 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion:105 Resp: 1891468
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 148.71 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

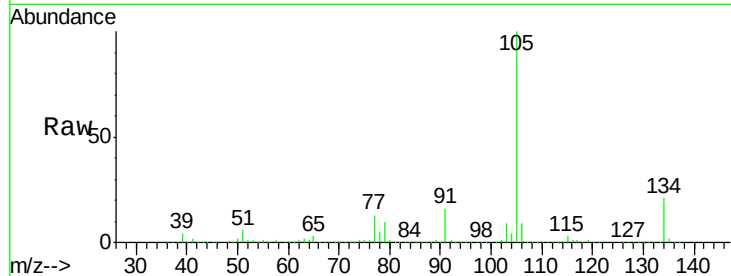
VSTDIC150

Tgt Ion:105 Resp: 2142179

Ion Ratio Lower Upper

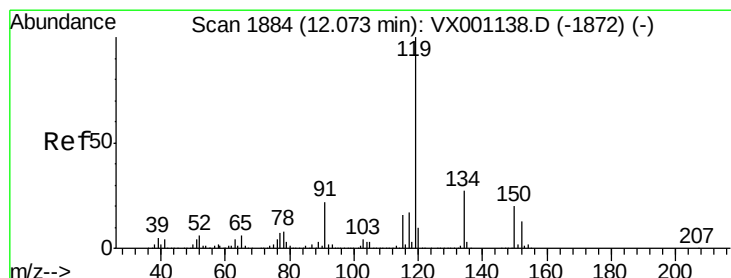
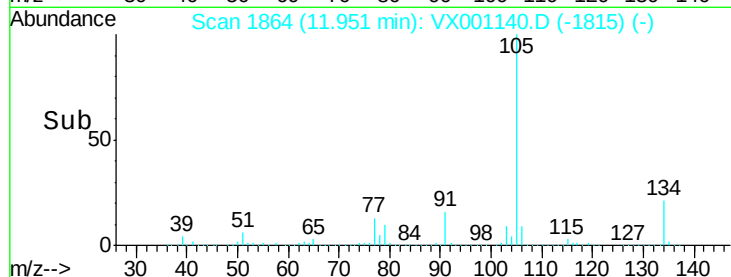
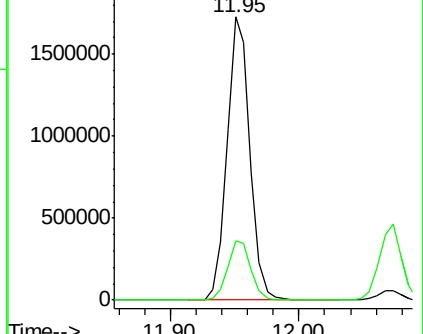
105 100

134 21.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.06 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

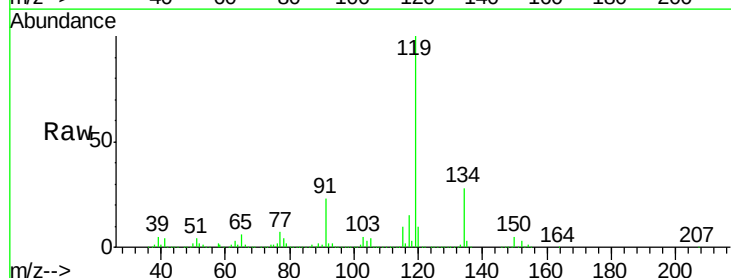
Tgt Ion:119 Resp: 2003015

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

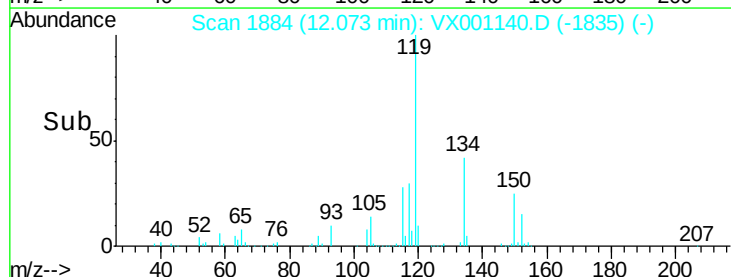
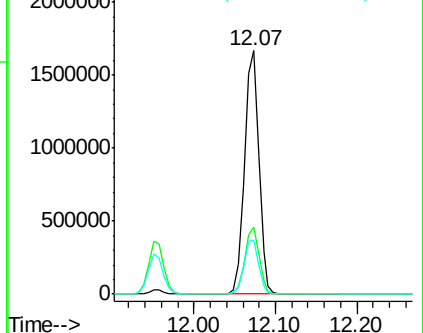
91 23.1 11.6 34.8

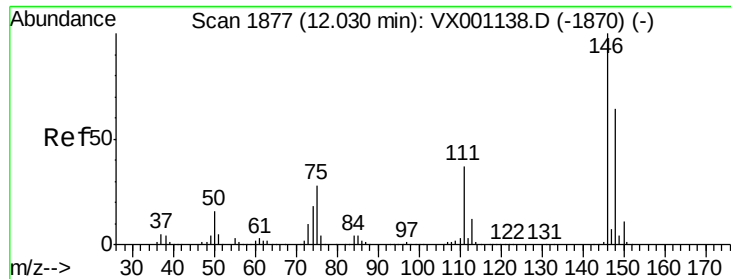


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 150.50 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

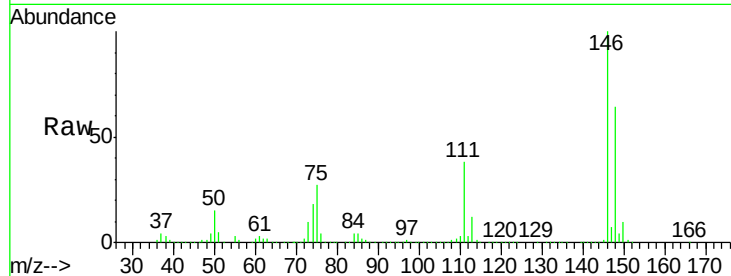
Tgt Ion:146 Resp: 1156129

Ion Ratio Lower Upper

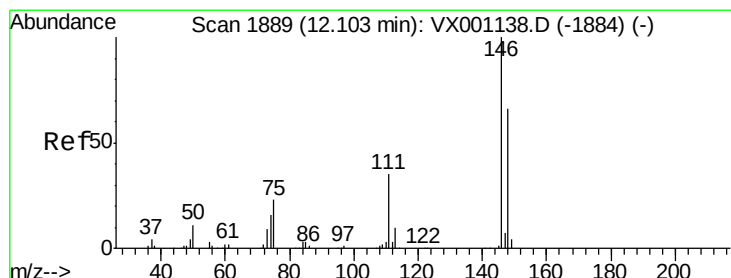
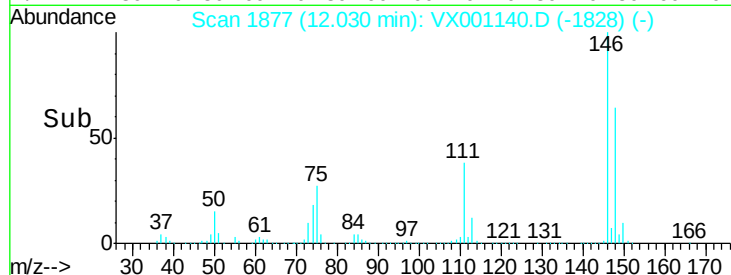
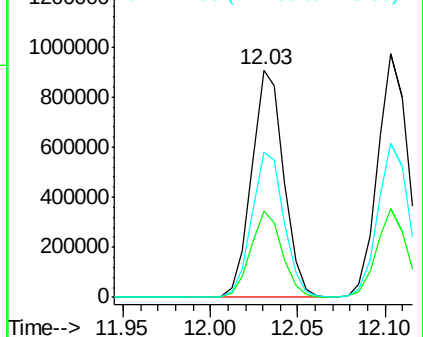
146 100

111 36.9 18.6 56.0

148 64.2 32.3 96.8



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



#88

1,4-Dichlorobenzene

Concen: 148.70 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001140.D

Acq: 26 Apr 2018 19:11

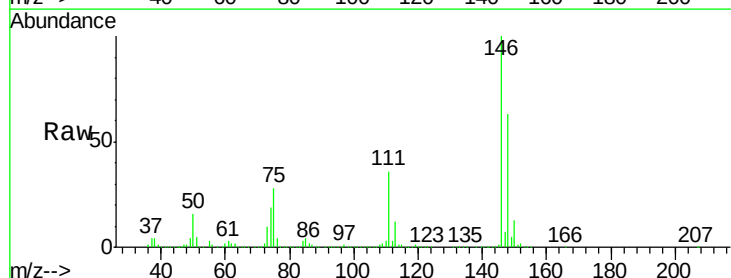
Tgt Ion:146 Resp: 1175423

Ion Ratio Lower Upper

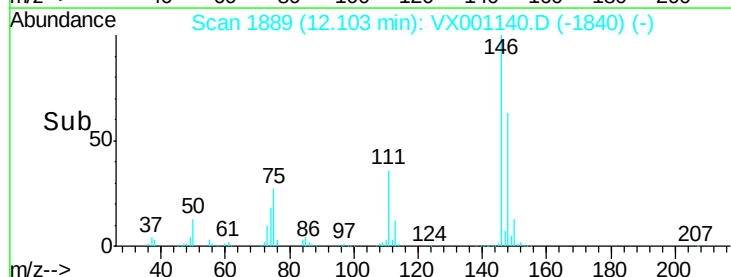
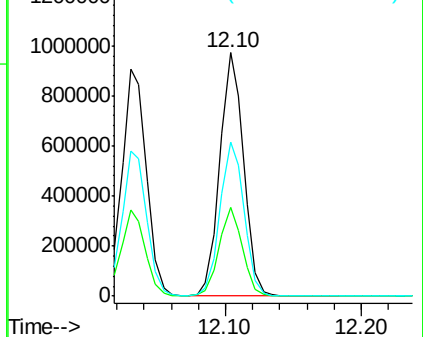
146 100

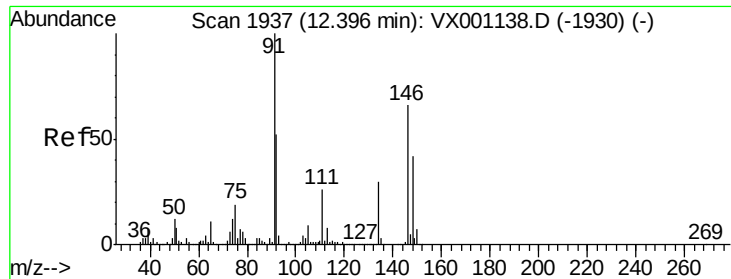
111 35.6 18.0 54.0

148 64.1 32.5 97.5



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

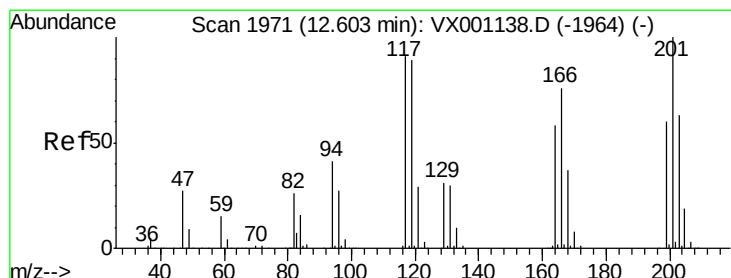
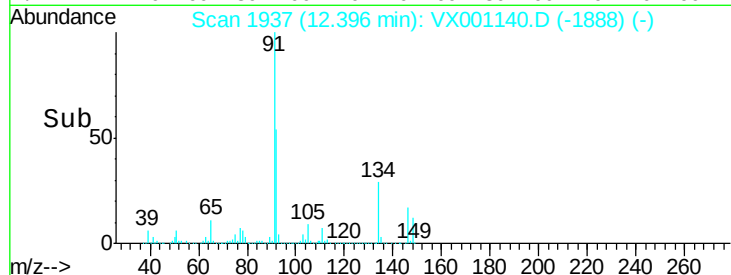
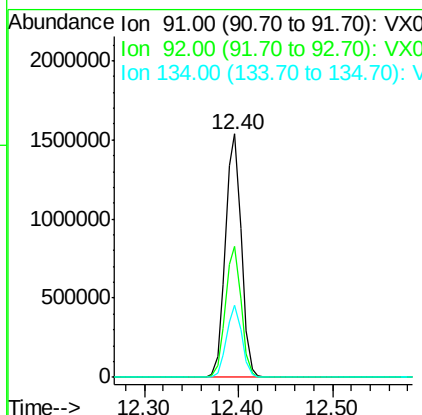
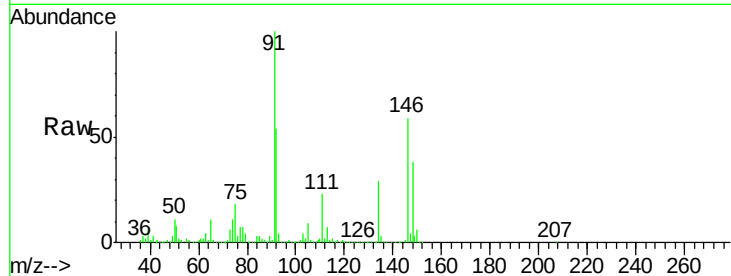




#89
n-Butylbenzene
Concen: 152.24 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

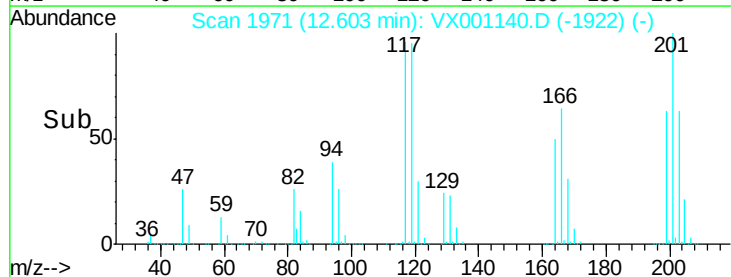
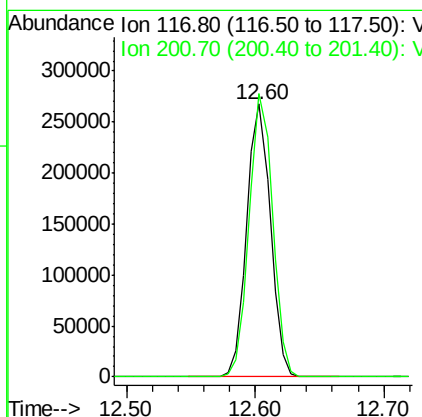
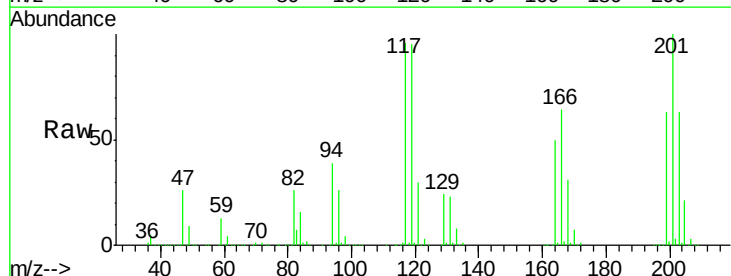
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

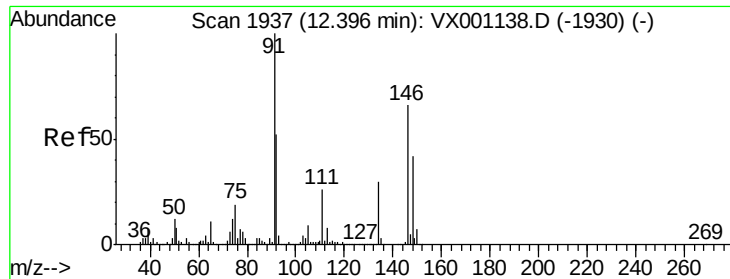
Tgt Ion: 91 Resp: 1800426
Ion Ratio Lower Upper
91 100
92 53.3 26.2 78.6
134 28.5 14.1 42.3



#90
Hexachloroethane
Concen: 178.94 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion: 117 Resp: 337264
Ion Ratio Lower Upper
117 100
201 103.0 51.8 155.4

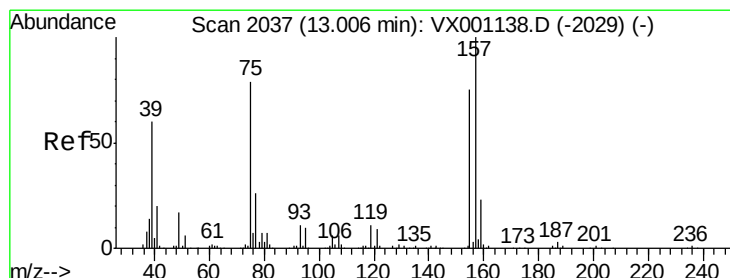
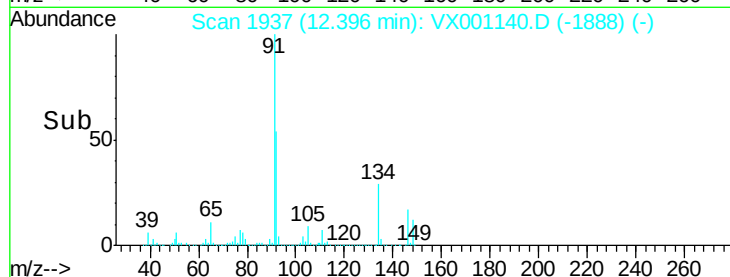
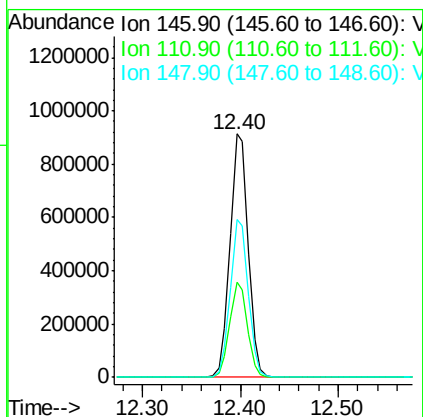
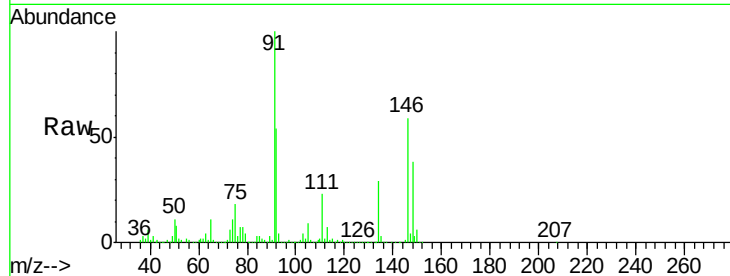




#91
 1,2-Dichlorobenzene
 Concen: 156.70 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

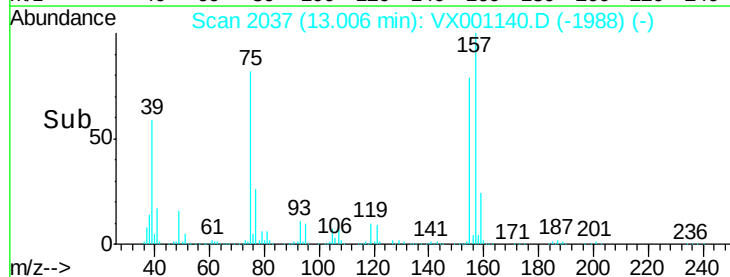
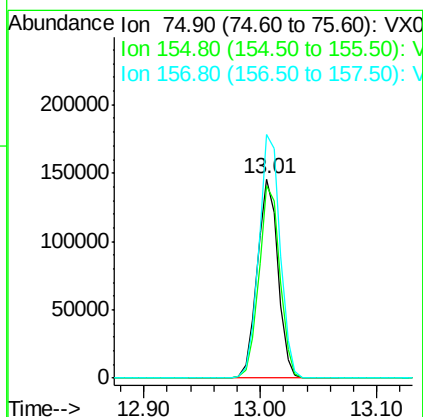
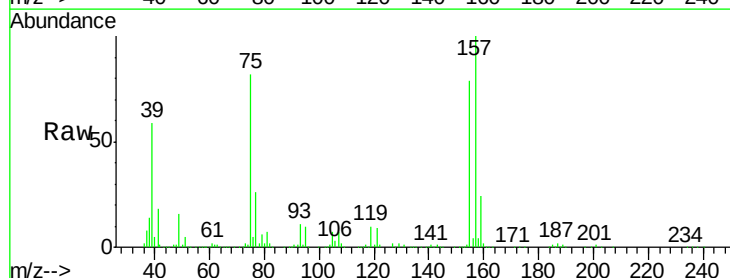
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

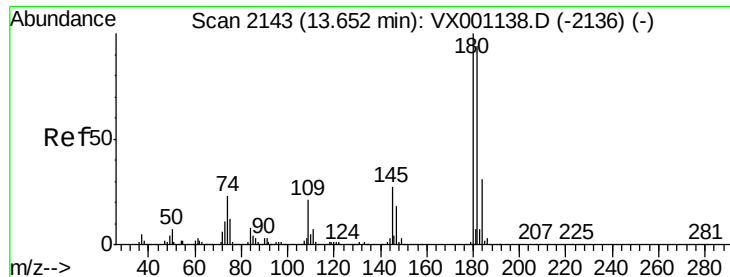
Tgt Ion:146 Resp: 1172399
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.3
 148 64.3 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 205.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion: 75 Resp: 180875
 Ion Ratio Lower Upper
 75 100
 155 98.2 48.4 145.3
 157 125.8 62.7 188.1

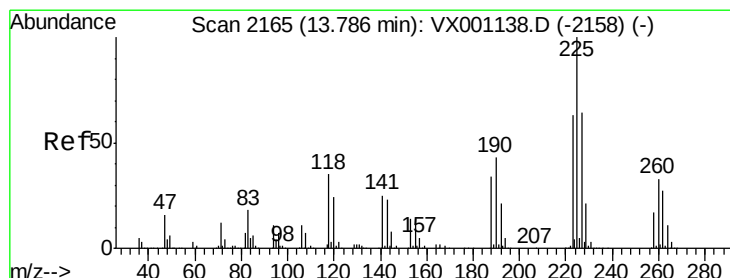
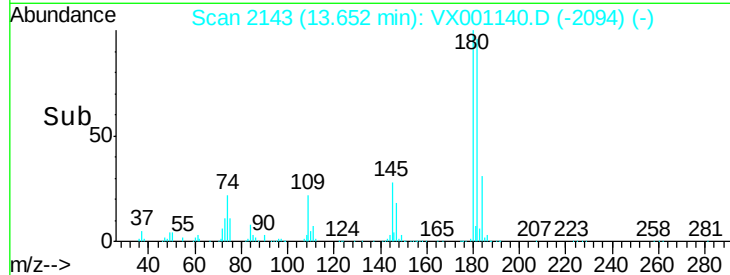
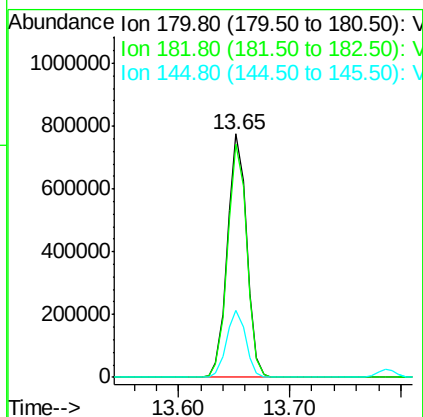
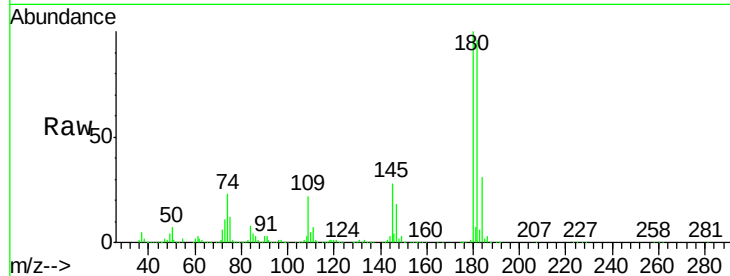




#93
 1,2,4-Trichlorobenzene
 Concen: 148.50 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

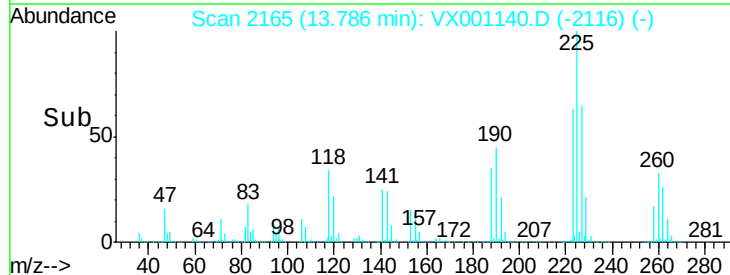
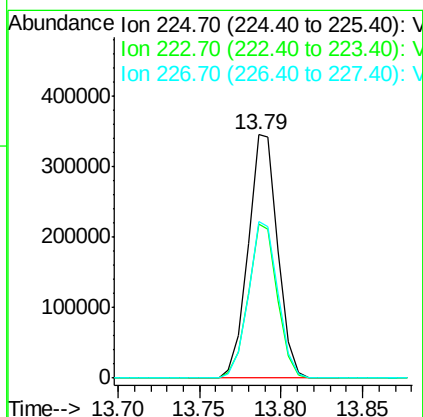
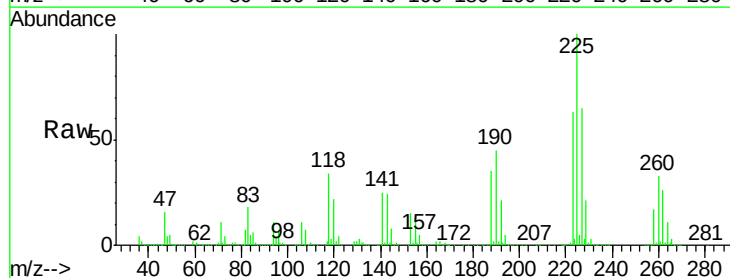
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

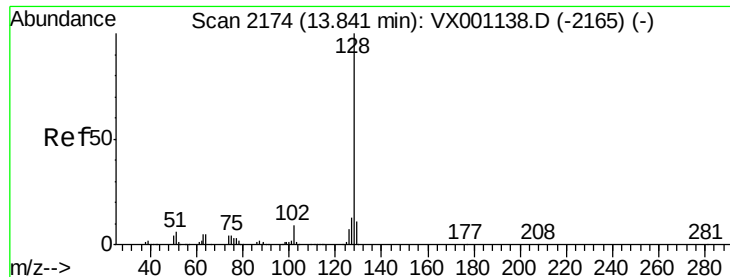
Tgt Ion:180 Resp: 923046
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.6
 145 27.6 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 154.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001140.D
 Acq: 26 Apr 2018 19:11

Tgt Ion:225 Resp: 437035
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.9
 227 63.9 32.2 96.6

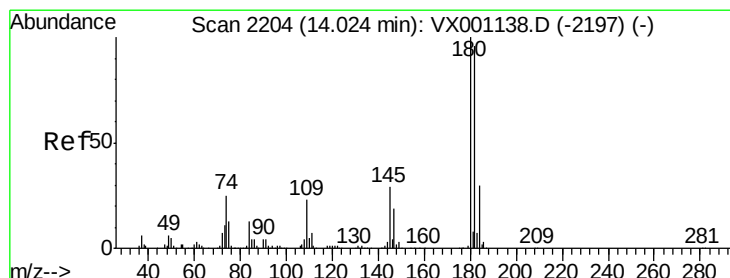
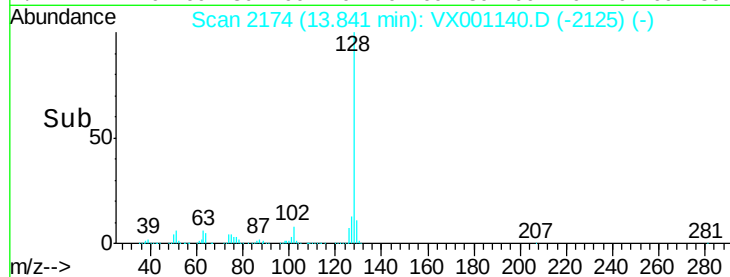
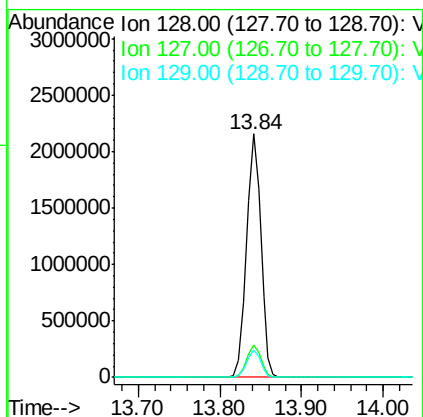
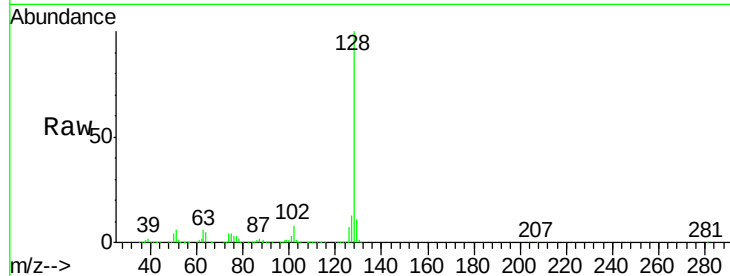




#95
Naphthalene
Concen: 167.81 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 2618720
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 150.44 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001140.D
Acq: 26 Apr 2018 19:11

Tgt Ion:180 Resp: 909852
Ion Ratio Lower Upper
180 100
182 95.6 48.2 144.6
145 29.3 14.5 43.5

