

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000770.D
 Acq On : 11 Apr 2018 11:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 13:46:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	415998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	271361	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	167429	41.58	ug/l	0.00
Spiked Amount			Recovery	=	83.16%	
35) Dibromofluoromethane	5.51	113	144020	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
50) Toluene-d8	8.72	98	527807	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.15	95	216182	43.79	ug/l	0.00
Spiked Amount			Recovery	=	87.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	186247	51.66	ug/l	99
3) Chloromethane	1.32	50	156859	50.75	ug/l	100
4) Vinyl Chloride	1.41	62	173461	49.89	ug/l	97
5) Bromomethane	1.64	94	79146	55.14	ug/l	98
6) Chloroethane	1.73	64	103360	49.05	ug/l	100
7) Trichlorofluoromethane	1.93	101	269945	51.46	ug/l	99
8) Diethyl Ether	2.19	74	94946	48.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160623	51.93	ug/l	99
10) Methyl Iodide	2.51	142	128049	52.67	ug/l	99
11) Tert butyl alcohol	3.07	59	158107	221.14	ug/l	99
12) 1,1-Dichloroethene	2.38	96	144386	49.26	ug/l	98
13) Acrolein	2.29	56	66968	192.88	ug/l	99
14) Allyl chloride	2.73	41	265008	48.89	ug/l	100
15) Acrylonitrile	3.15	53	360929	236.78	ug/l	100
16) Acetone	2.45	43	321571	231.56	ug/l	100
17) Carbon Disulfide	2.57	76	422733	47.63	ug/l	100
18) Methyl Acetate	2.78	43	171126	47.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	486581	49.84	ug/l	99
20) Methylene Chloride	2.86	84	153355	47.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	155290	48.04	ug/l	96
22) Diisopropyl ether	3.87	45	486759	48.87	ug/l	96
23) Vinyl Acetate	3.83	43	2108619	241.10	ug/l	100
24) 1,1-Dichloroethane	3.70	63	273533	48.94	ug/l	100
25) 2-Butanone	4.71	43	534810	233.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	275226	49.61	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	181033	49.35	ug/l	99
28) Bromochloromethane	5.03	49	109464	48.63	ug/l	99
29) Tetrahydrofuran	5.17	42	336473	231.08	ug/l	100
30) Chloroform	5.22	83	296758	50.15	ug/l	99
31) Cyclohexane	5.58	56	265822	50.08	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	281988	50.02	ug/l	99
36) 1,1-Dichloropropene	5.81	75	232495	50.75	ug/l	99
37) Ethyl Acetate	4.87	43	212639	47.54	ug/l	100
38) Carbon Tetrachloride	5.79	117	262872	51.26	ug/l	98

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Quant Time: Apr 11 13:46:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	287395	52.24	ug/l	99
40) Benzene	6.15	78	651204	51.16	ug/l	100
41) Methacrylonitrile	5.07	41	125705	48.65	ug/l	99
42) 1,2-Dichloroethane	6.21	62	239234	50.32	ug/l	99
43) Isopropyl Acetate	6.47	43	376244	49.07	ug/l	99
44) Trichloroethene	7.22	130	200205	50.57	ug/l	97
45) 1,2-Dichloropropane	7.52	63	166258	51.29	ug/l	99
46) Dibromomethane	7.66	93	114425	50.63	ug/l	100
47) Bromodichloromethane	7.90	83	235548	51.64	ug/l	99
48) Methyl methacrylate	7.79	41	197349	49.65	ug/l	99
49) 1,4-Dioxane	7.76	88	73076	914.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1091713	242.37	ug/l	100
52) Toluene	8.79	92	430907	51.02	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	284919	52.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	276751	51.95	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168221	50.17	ug/l	99
56) Ethyl methacrylate	9.19	69	258554	49.99	ug/l	99
57) 1,3-Dichloropropane	9.38	76	273445	51.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	506868	209.76	ug/l	99
59) 2-Hexanone	9.51	43	845216	243.07	ug/l	100
60) Dibromochloromethane	9.59	129	209846	52.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179744	50.53	ug/l	100
64) Tetrachloroethene	9.34	164	199903	51.80	ug/l	100
65) Chlorobenzene	10.15	112	508103	51.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	194457	52.03	ug/l	99
67) Ethyl Benzene	10.26	91	851154	51.41	ug/l	100
68) m/p-Xylenes	10.37	106	674707	103.26	ug/l	100
69) o-Xylene	10.71	106	324842	51.58	ug/l	100
70) Styrene	10.72	104	550443	51.84	ug/l	100
71) Bromoform	10.87	173	181224	52.37	ug/l	99
73) Isopropylbenzene	11.02	105	887947	51.58	ug/l	100
74) N-amyl acetate	6.47	43	376244	48.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	244522	48.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	295380	63.12	ug/l	86
77) Bromobenzene	11.26	156	254516	50.45	ug/l	100
78) n-propylbenzene	11.37	91	1017928	51.69	ug/l	100
79) 2-Chlorotoluene	11.43	91	586035	50.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	761884	51.46	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	85219	50.09	ug/l	99
82) 4-Chlorotoluene	11.52	91	716103	50.98	ug/l	100
83) tert-Butylbenzene	11.77	119	787100	51.97	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	784387	51.32	ug/l	100
85) sec-Butylbenzene	11.95	105	927370	51.90	ug/l	100
86) p-Isopropyltoluene	12.07	119	872384	52.36	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	474014	50.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	483358	50.51	ug/l	100
89) n-Butylbenzene	12.40	91	775947	52.76	ug/l	100
90) Hexachloroethane	12.60	117	147756	52.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	459429	50.96	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57891	46.25	ug/l	99

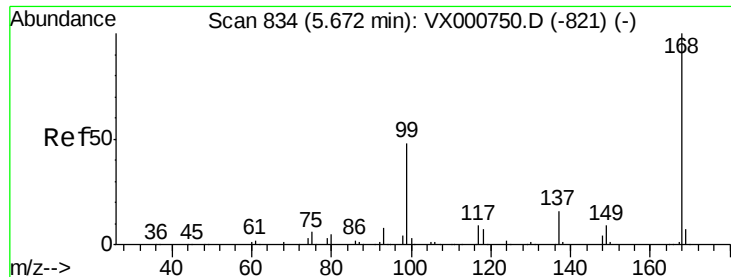
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	397225	51.64	ug/l	99
94) Hexachlorobutadiene	13.79	225	202642	53.57	ug/l	100
95) Naphthalene	13.84	128	988739	50.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	386053	51.67	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

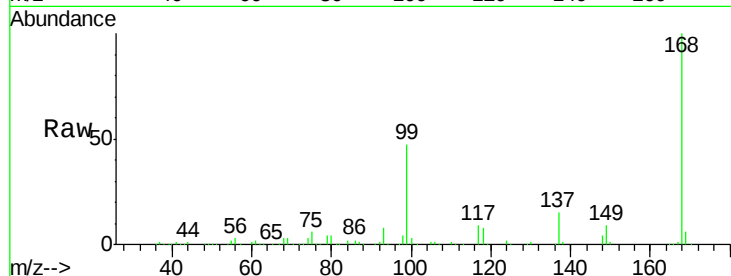
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 319379

Ion Ratio Lower Upper

168 100

99 46.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

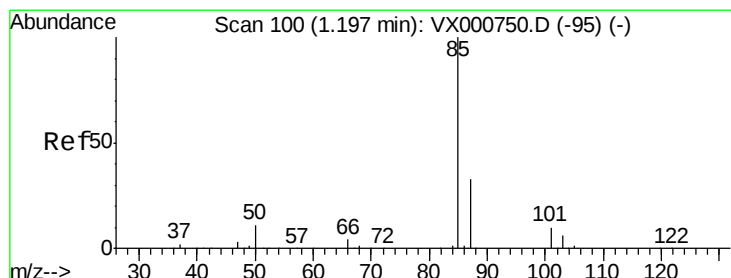
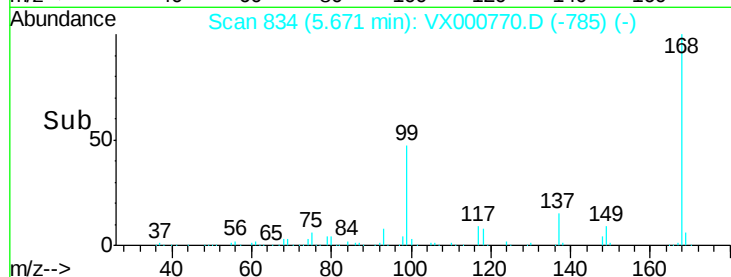
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.66 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000770.D

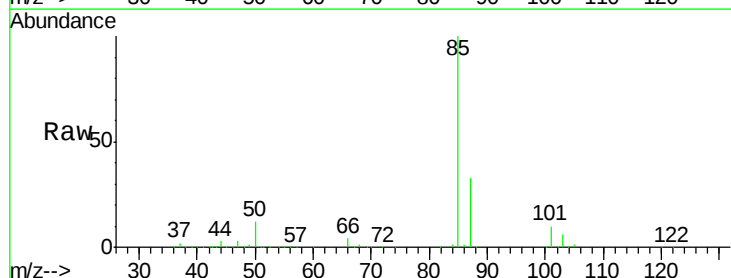
Acq: 11 Apr 2018 11:15

Tgt Ion: 85 Resp: 186247

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

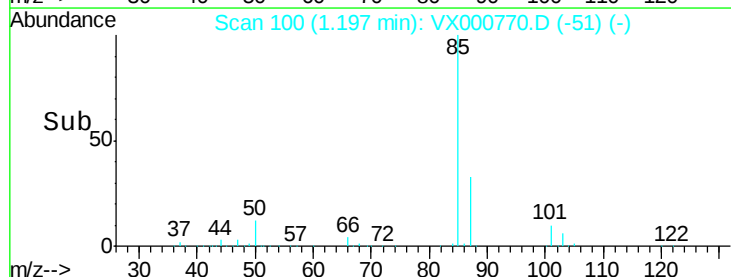
100000

50000

0

1.15 1.20 1.25 1.30

Time-->

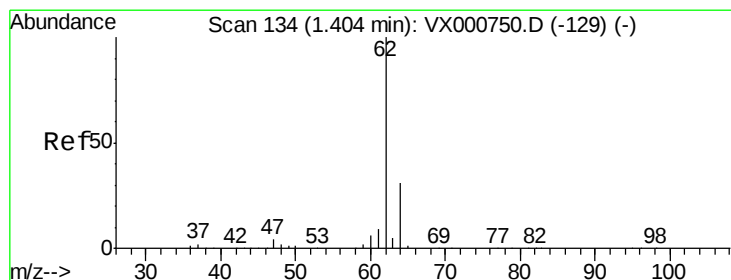
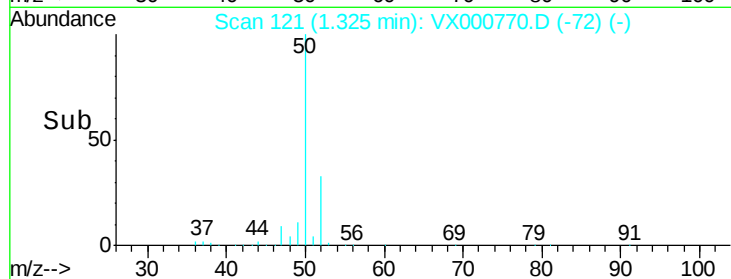
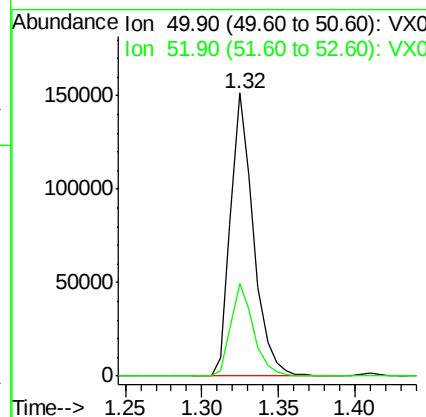
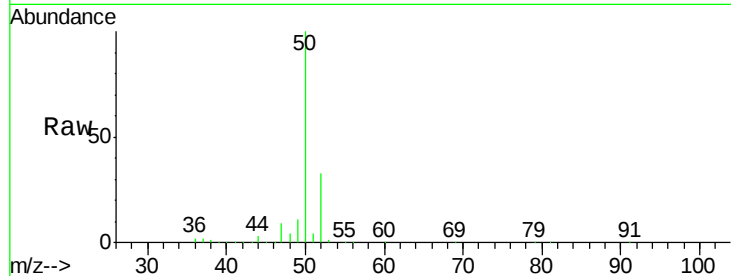




#3
Chloromethane
Concen: 50.75 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

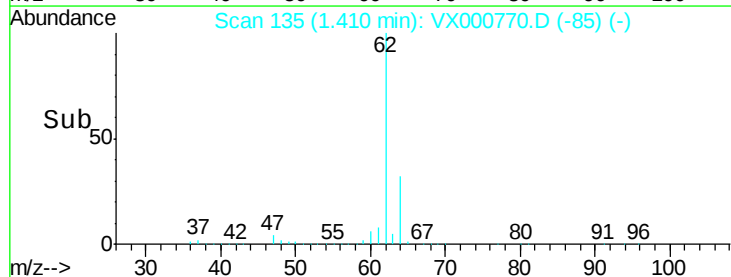
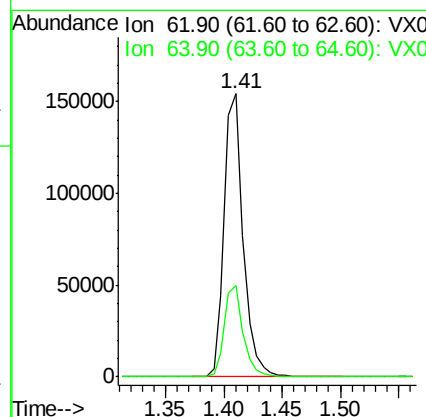
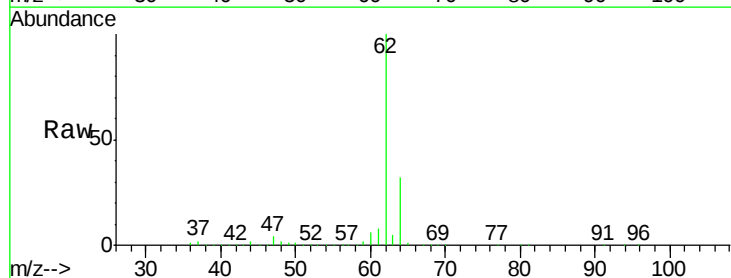
Instrument :
MSVOA_X
ClientSampleId :

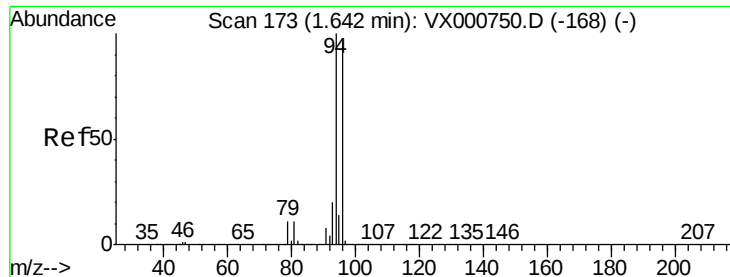
Tot Ion: 50 Resp: 156859
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.8



#4
Vinyl Chloride
Concen: 49.89 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 62 Resp: 173461
Ion Ratio Lower Upper
62 100
64 32.3 24.6 36.8





#5

Bromomethane

Concen: 55.14 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

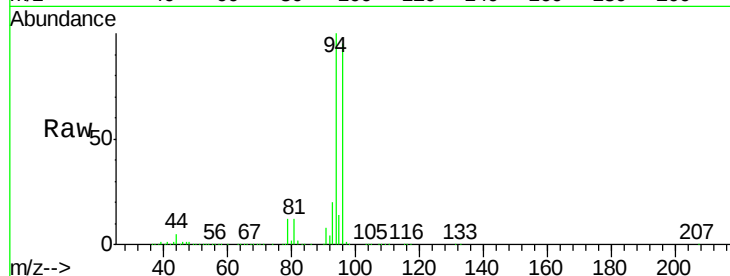
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 79146

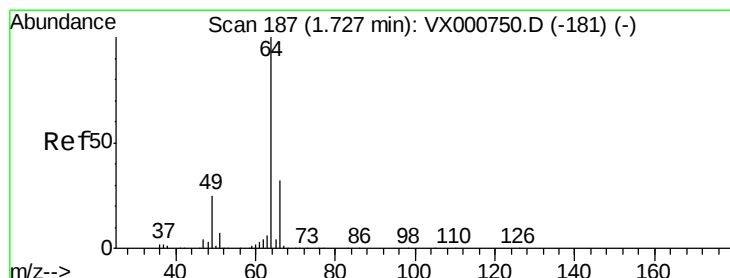
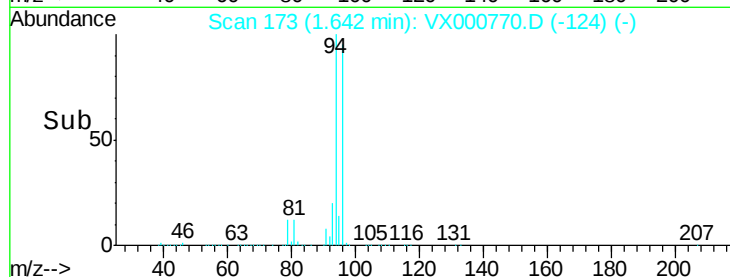
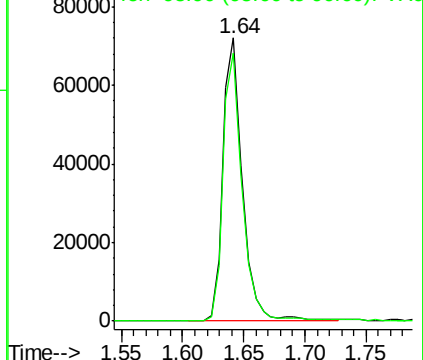
Ion Ratio Lower Upper

94 100

96 94.8 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.05 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000770.D

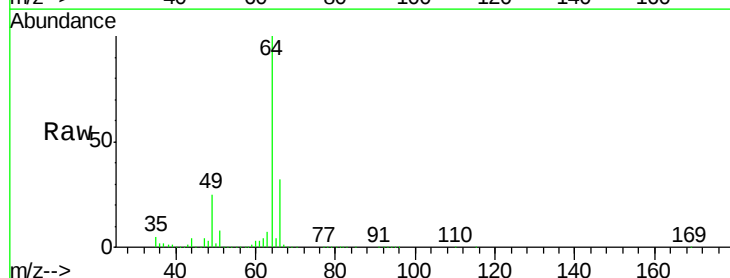
Acq: 11 Apr 2018 11:15

Tgt Ion: 64 Resp: 103360

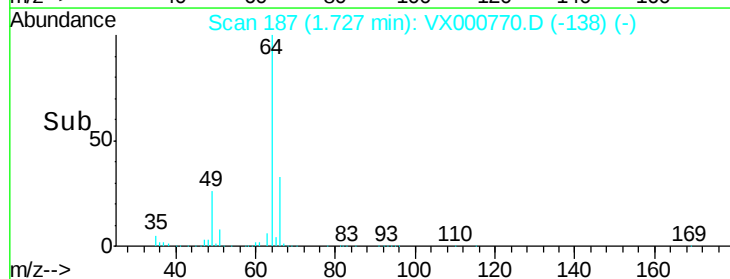
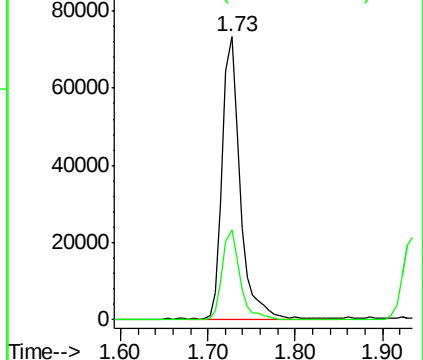
Ion Ratio Lower Upper

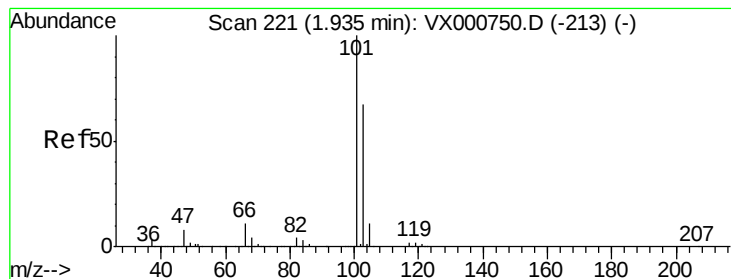
64 100

66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 51.46 ug/l

RT: 1.93 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

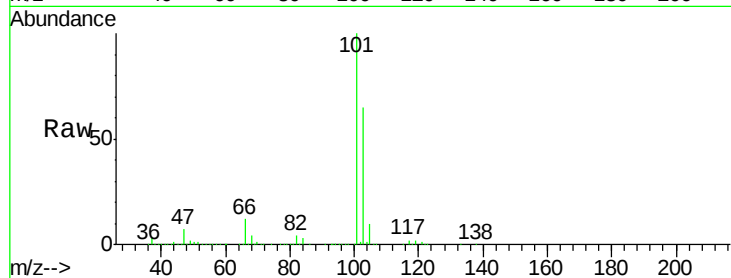
ClientSampled :

Tot Ion:101 Resp: 269945

Ion Ratio Lower Upper

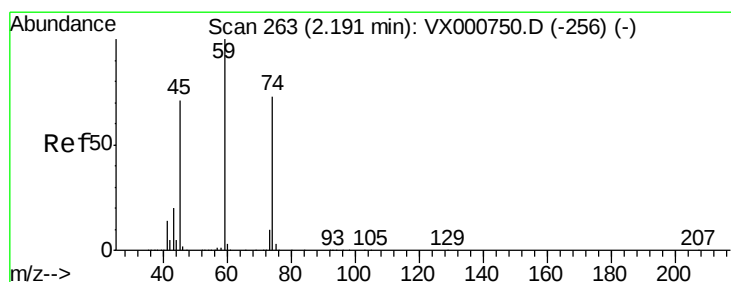
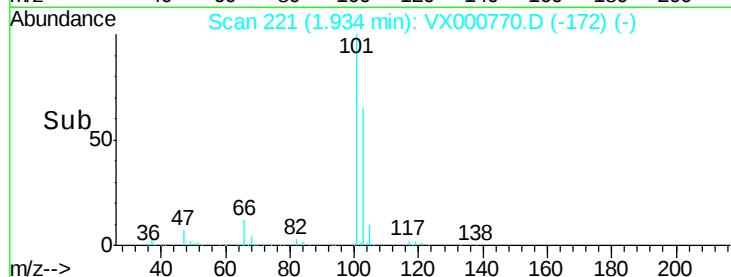
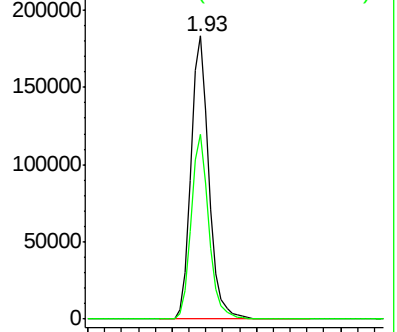
101 100

103 65.4 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.45 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX000770.D

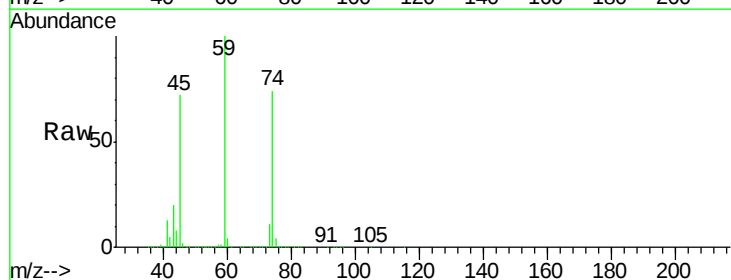
Acq: 11 Apr 2018 11:15

Tgt Ion: 74 Resp: 94946

Ion Ratio Lower Upper

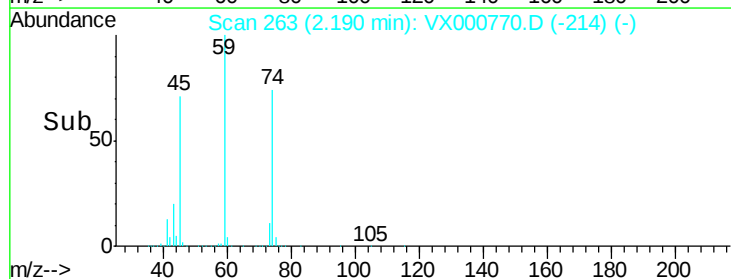
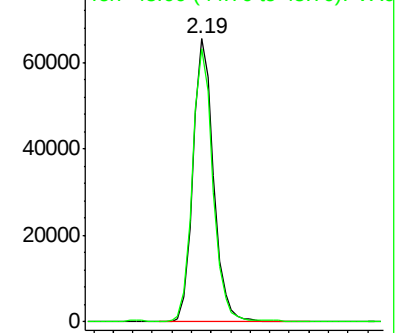
74 100

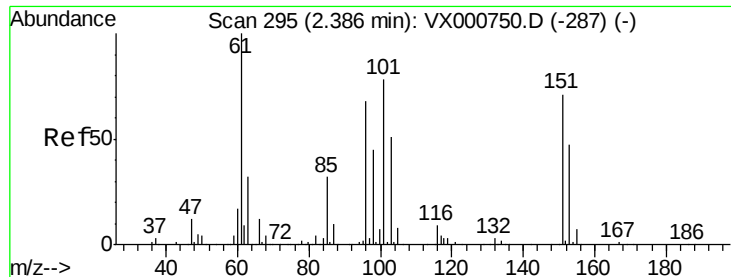
45 96.5 48.6 145.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.93 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

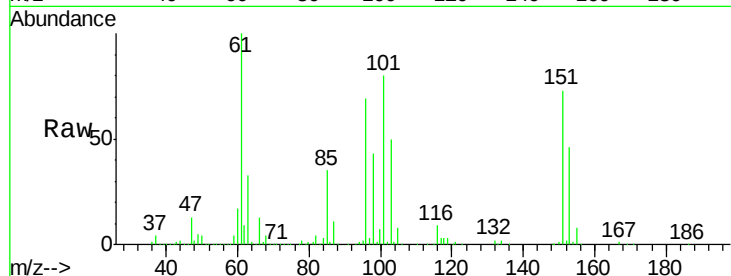
Tot Ion:101 Resp: 160623

Ion Ratio Lower Upper

101 100

85 42.3 34.0 51.0

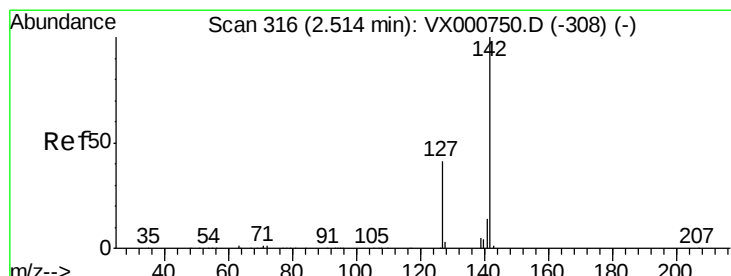
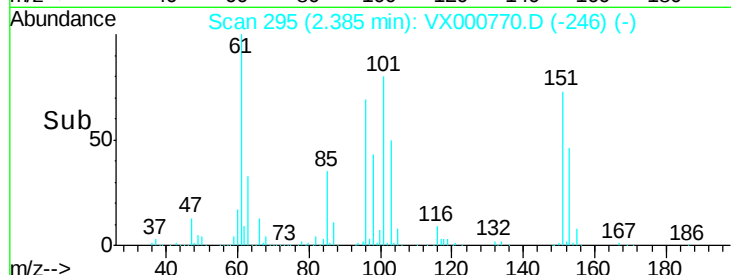
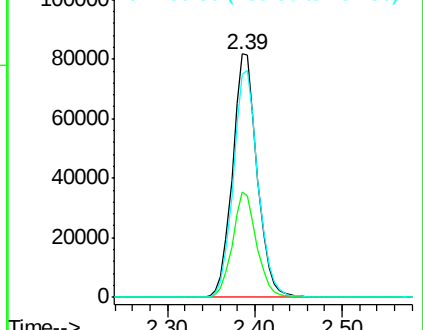
151 93.6 75.8 113.8



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: 52.67 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

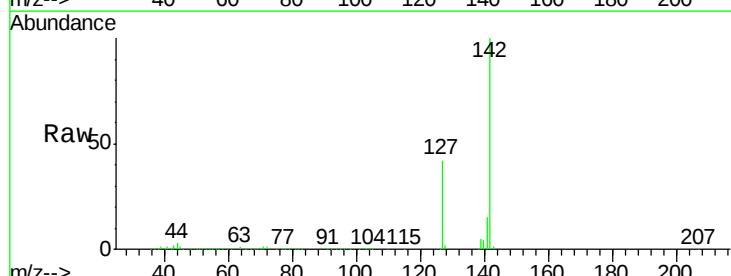
Tgt Ion:142 Resp: 128049

Ion Ratio Lower Upper

142 100

127 41.4 32.6 49.0

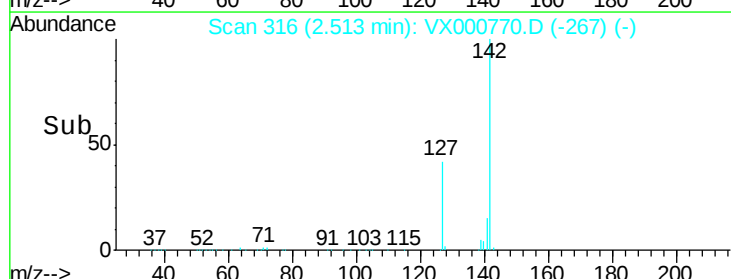
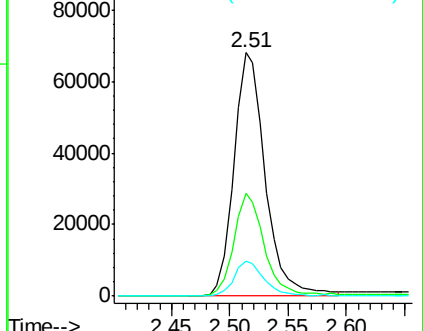
141 14.1 11.5 17.3

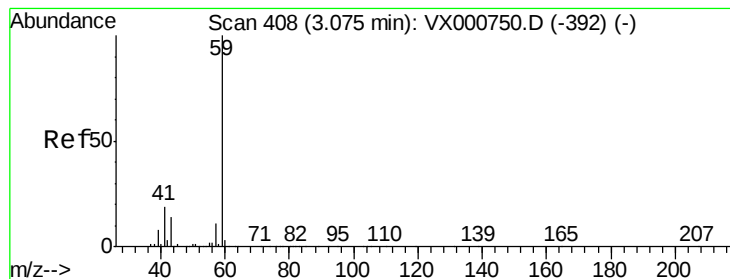


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



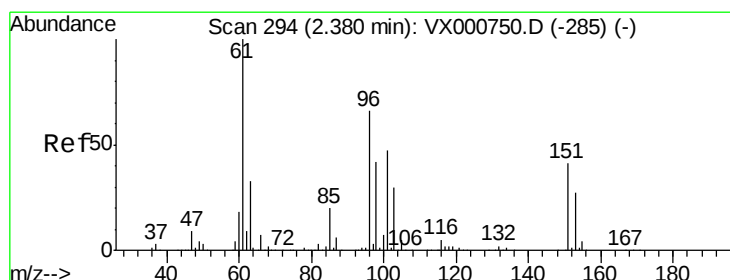
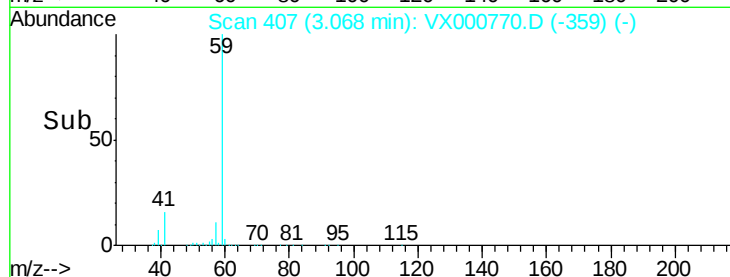
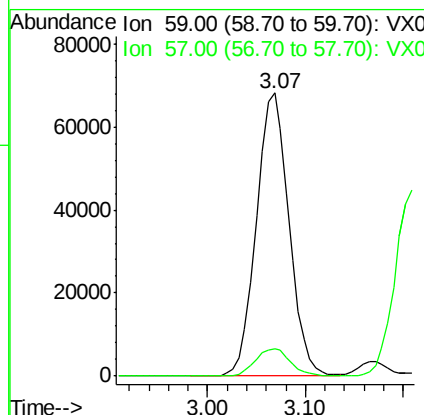
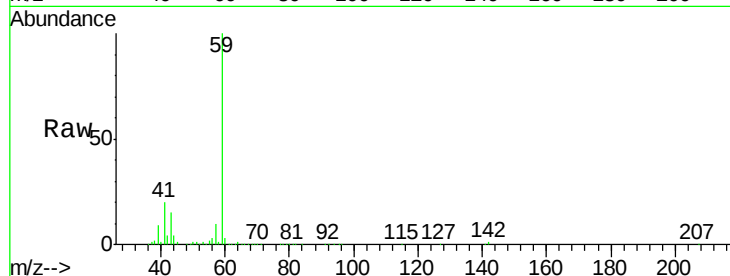


#11

Tert butyl alcohol
 Concen: 221.14 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :

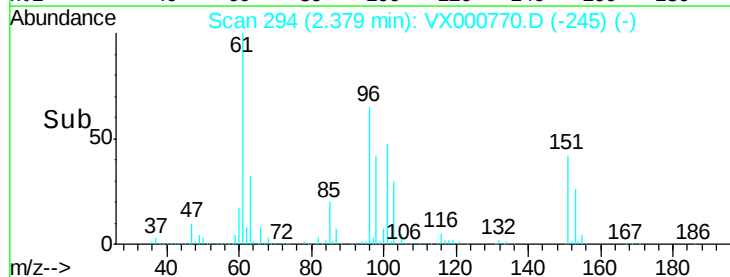
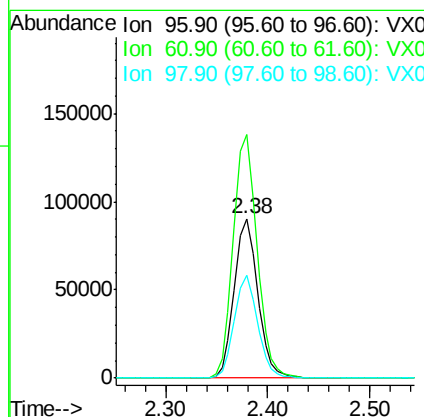
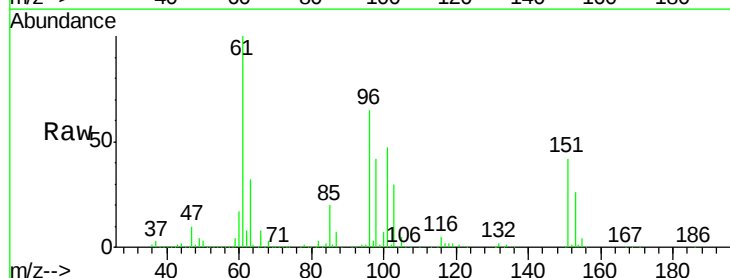
Tot Ion: 59 Resp: 158107
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.4 12.6

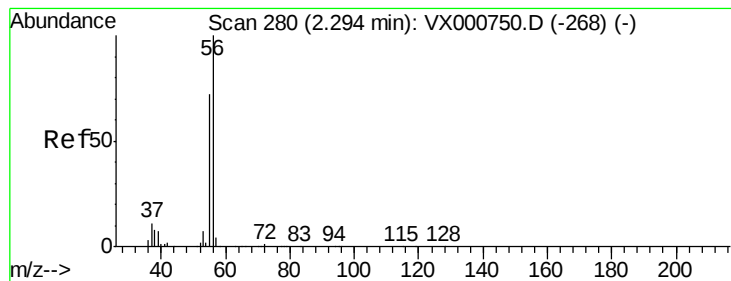


#12

1,1-Dichloroethene
 Concen: 49.26 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion: 96 Resp: 144386
 Ion Ratio Lower Upper
 96 100
 61 153.1 120.5 180.7
 98 64.3 50.9 76.3





#13

Acrolein

Concen: 192.88 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

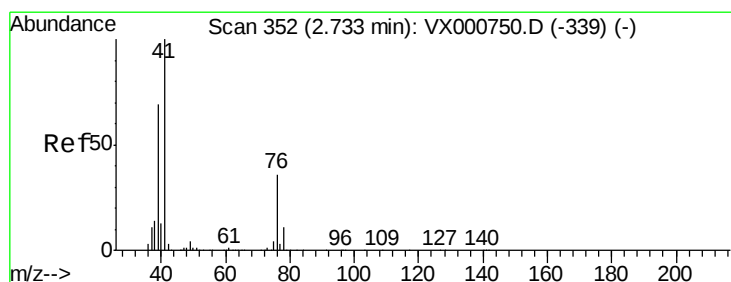
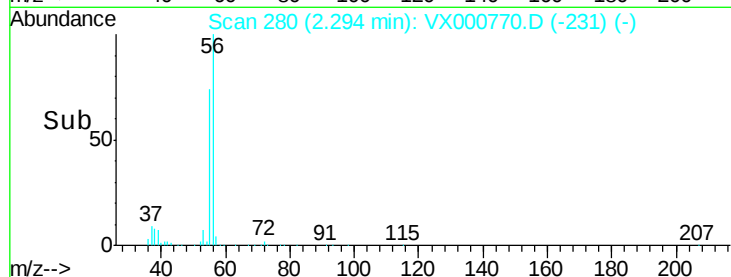
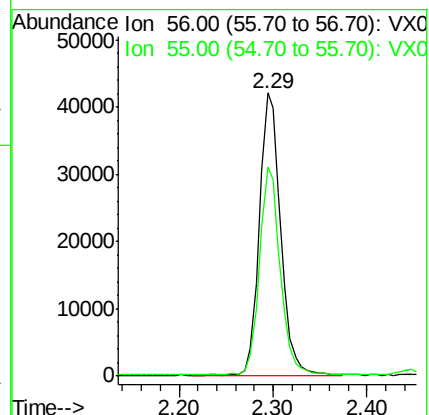
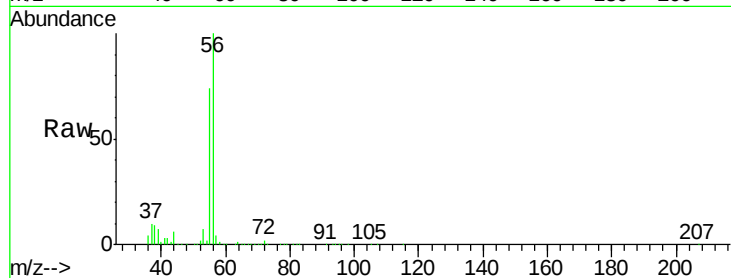
ClientSampleId :

Tot Ion: 56 Resp: 66968

Ion Ratio Lower Upper

56 100

55 72.3 58.7 88.1



#14

Allyl chloride

Concen: 48.89 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

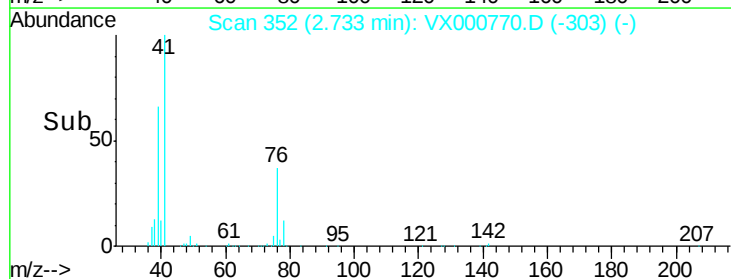
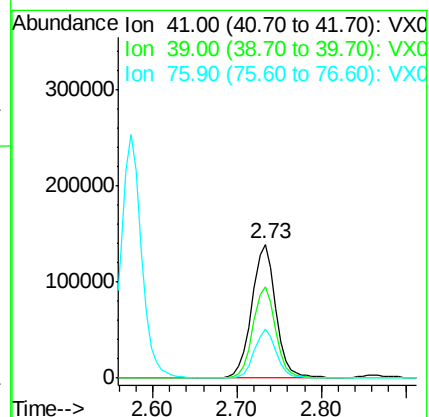
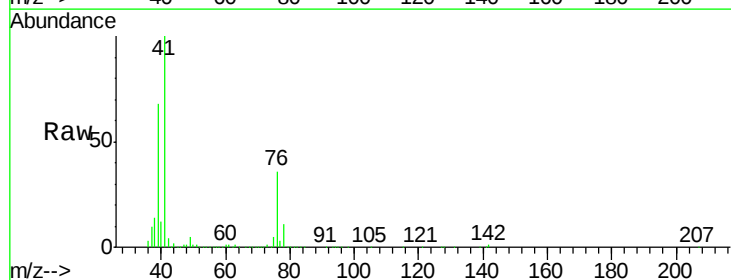
Tgt Ion: 41 Resp: 265008

Ion Ratio Lower Upper

41 100

39 64.7 51.5 77.3

76 33.1 26.5 39.7





#15

Acrylonitrile

Concen: 236.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :

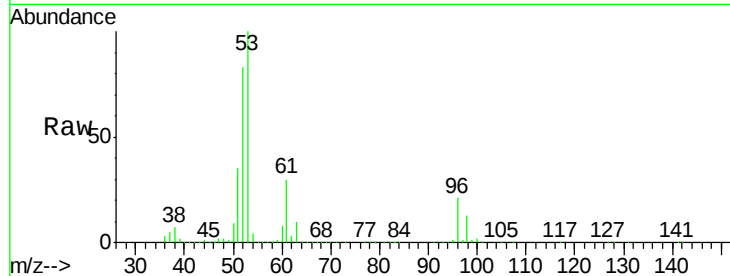
Tot Ion: 53 Resp: 360929

Ion Ratio Lower Upper

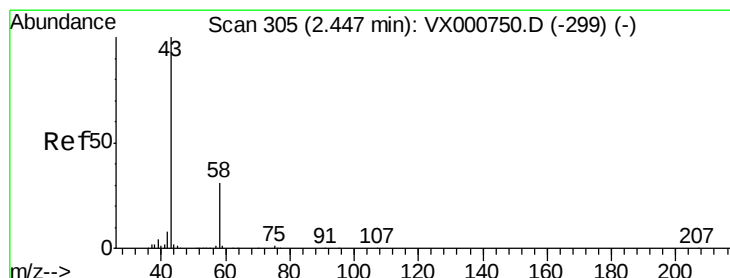
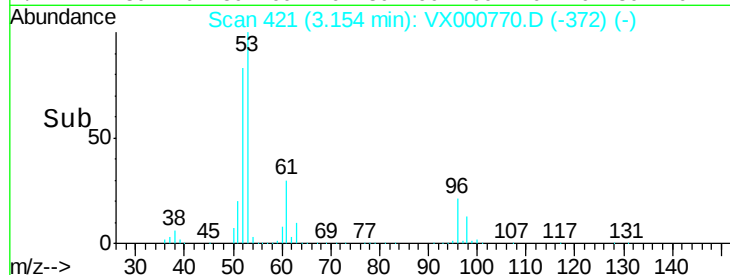
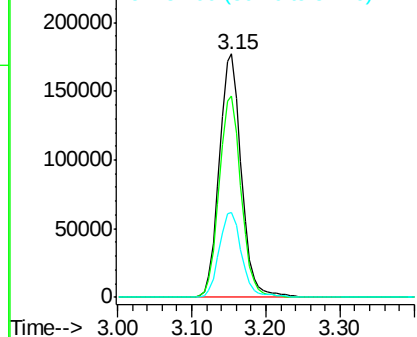
53 100

52 82.7 66.5 99.7

51 36.0 28.8 43.2



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: 231.56 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX000770.D

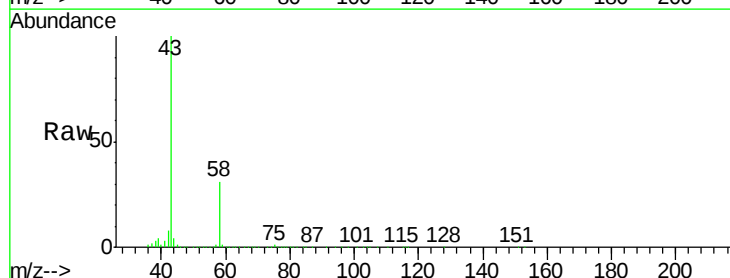
Acq: 11 Apr 2018 11:15

Tgt Ion: 43 Resp: 321571

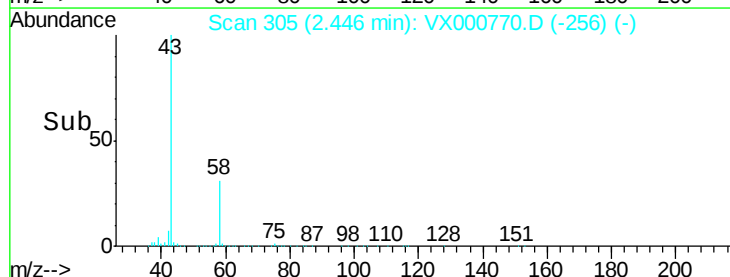
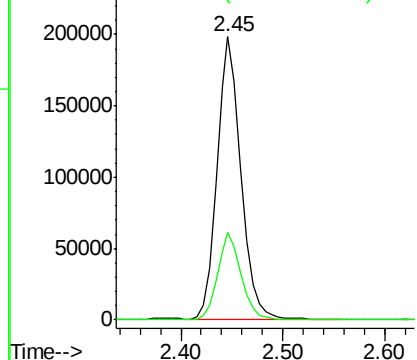
Ion Ratio Lower Upper

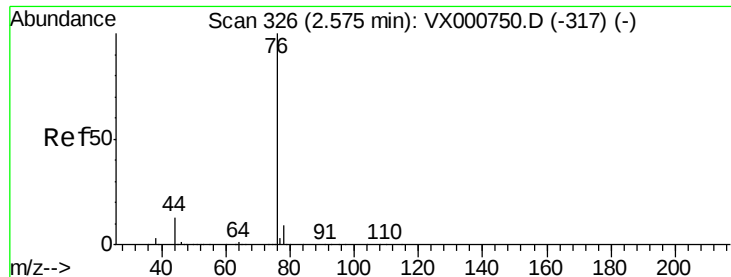
43 100

58 30.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

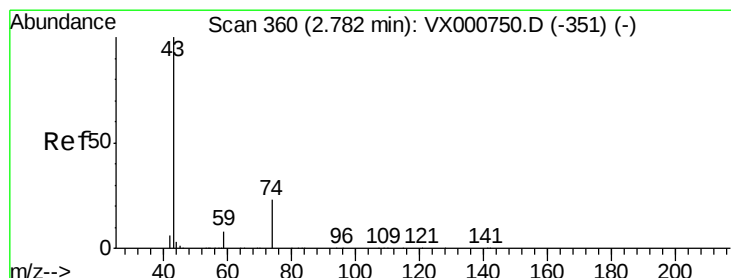
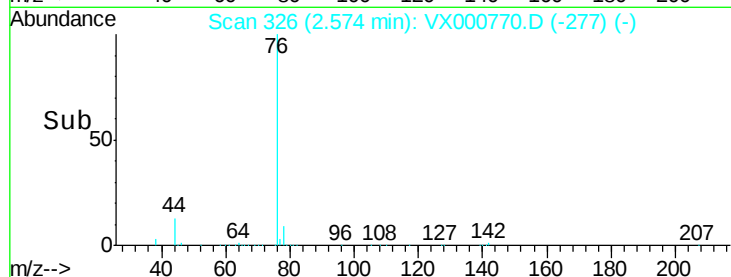
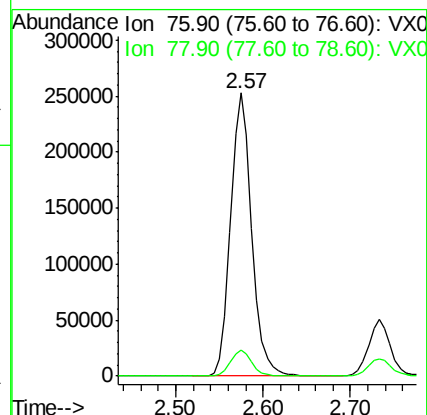
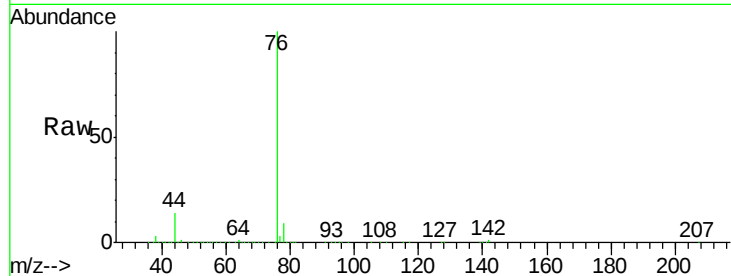




#17
Carbon Disulfide
Concen: 47.63 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

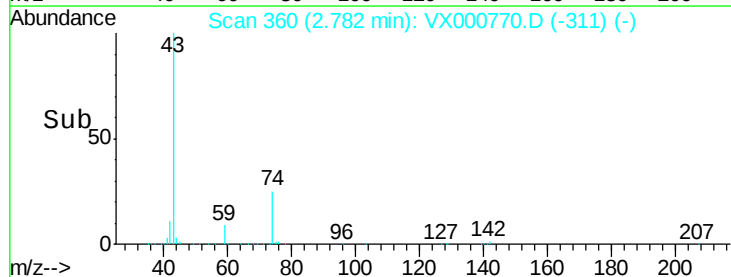
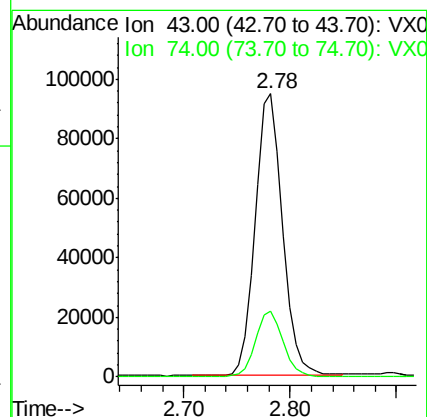
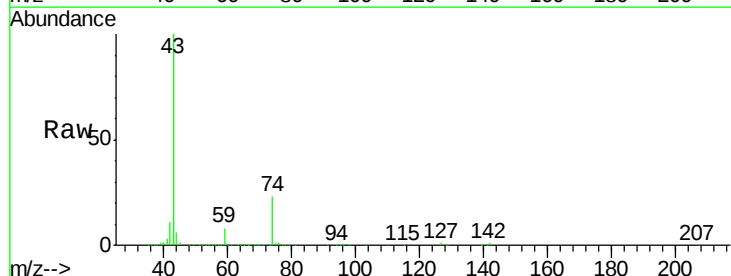
Instrument :
MSVOA_X
ClientSampleId :

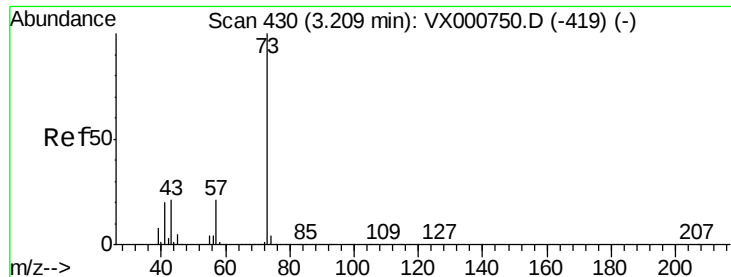
Tot Ion: 76 Resp: 422733
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 47.62 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 43 Resp: 171126
Ion Ratio Lower Upper
43 100
74 24.0 19.1 28.7

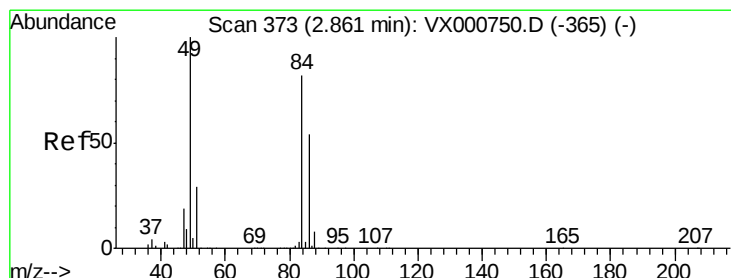
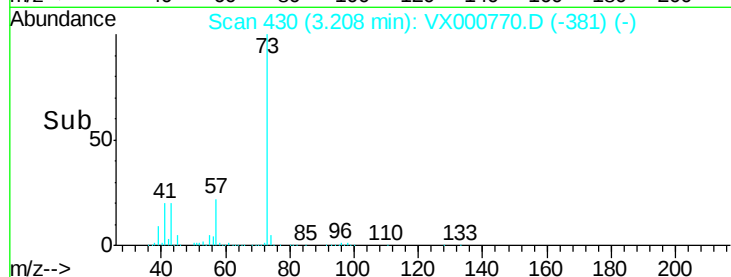
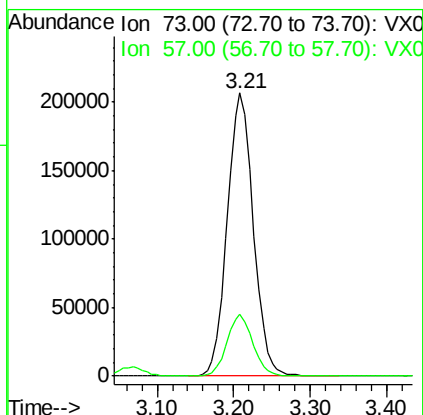
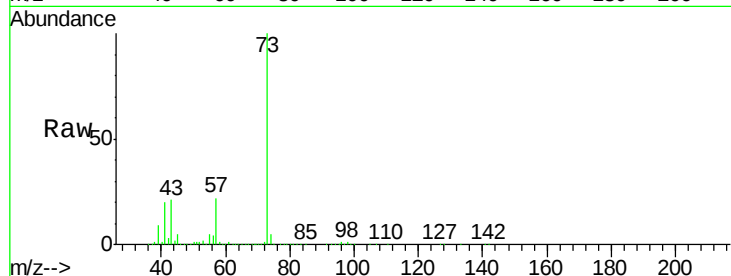




#19
Methyl tert-butyl Ether
Concen: 49.84 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

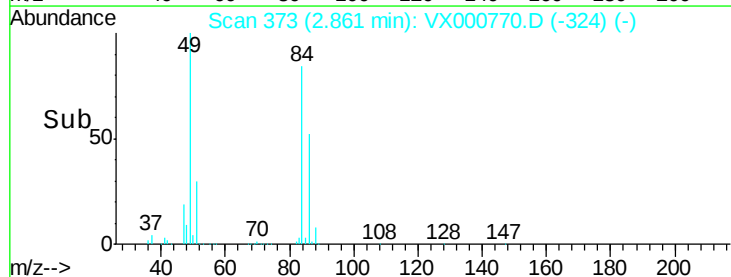
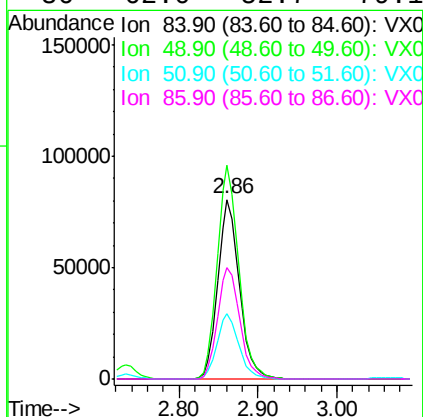
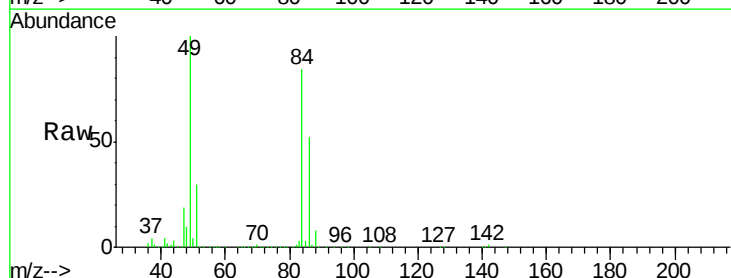
Instrument :
MSVOA_X
ClientSampleId :

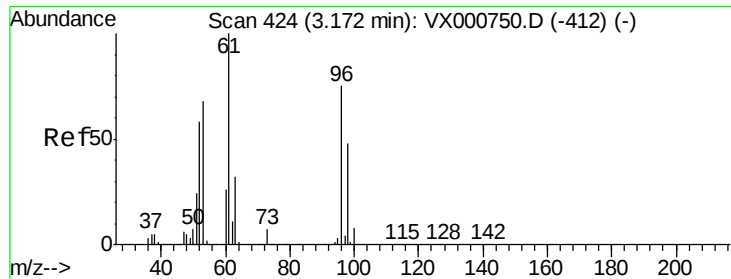
Tot Ion: 73 Resp: 486581
Ion Ratio Lower Upper
73 100
57 21.7 16.9 25.3



#20
Methylene Chloride
Concen: 47.48 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 84 Resp: 153355
Ion Ratio Lower Upper
84 100
49 119.0 98.1 147.1
51 35.9 28.9 43.3
86 62.0 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

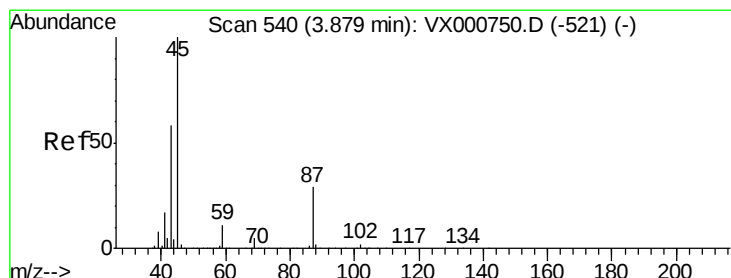
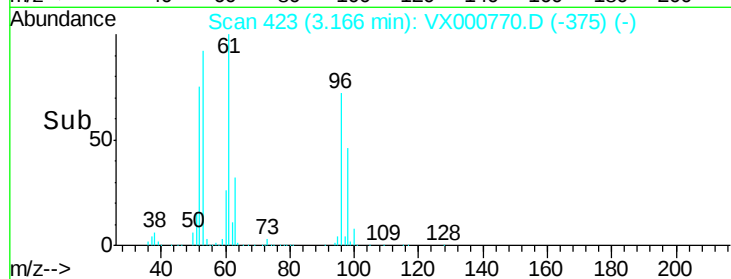
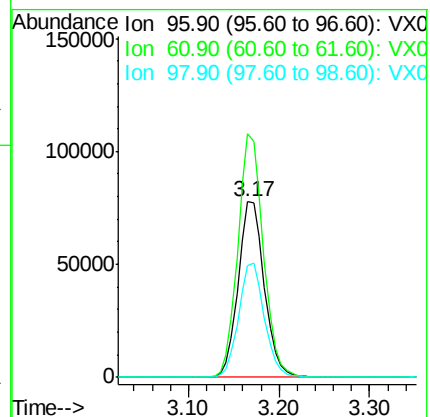
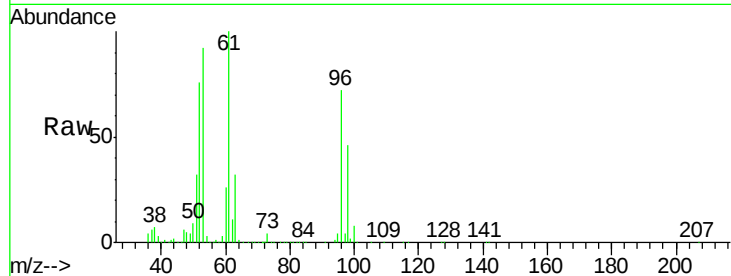
Tot Ion: 96 Resp: 155290

Ion Ratio Lower Upper

96 100

61 138.7 106.2 159.2

98 63.6 51.2 76.8



#22

Diisopropyl ether

Concen: 48.87 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Tgt Ion: 45 Resp: 486759

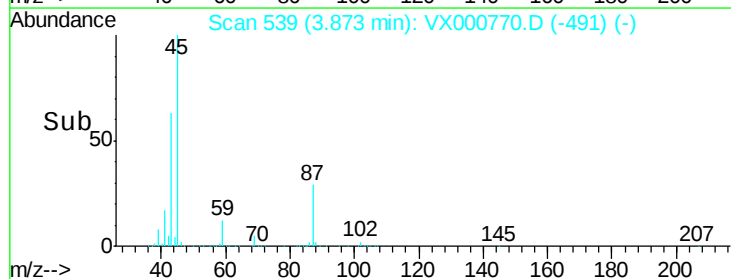
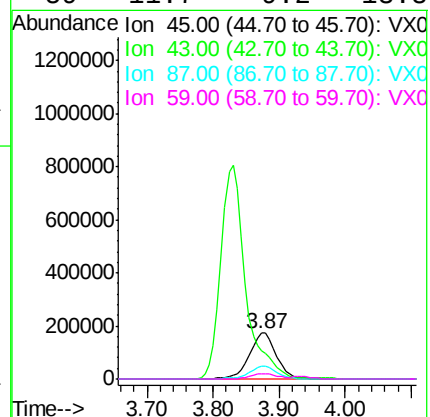
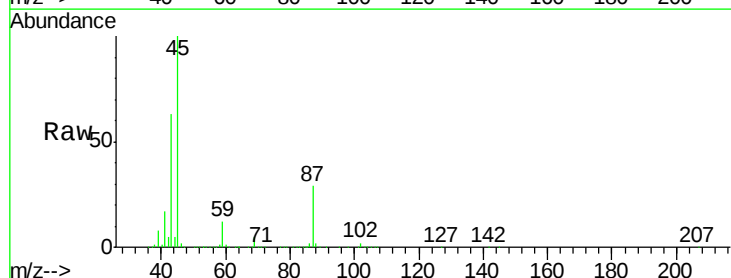
Ion Ratio Lower Upper

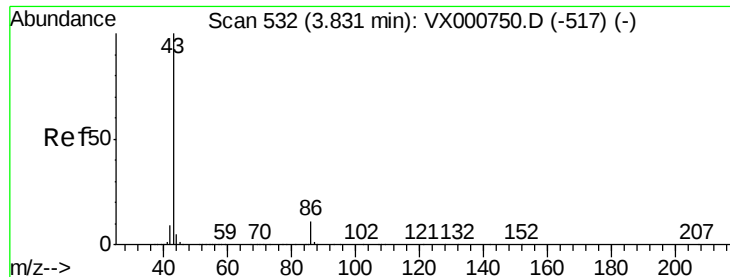
45 100

43 62.5 46.6 69.8

87 28.9 22.9 34.3

59 11.7 9.2 13.8

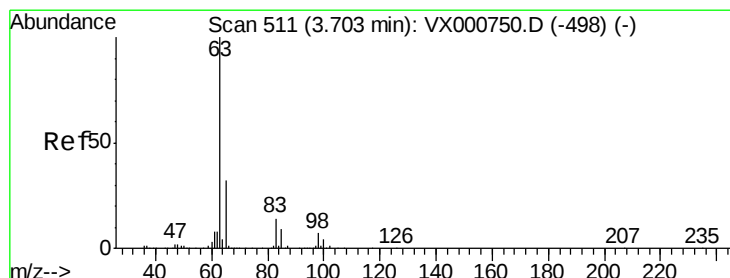
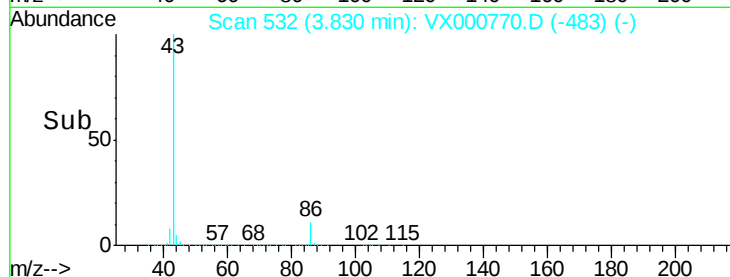
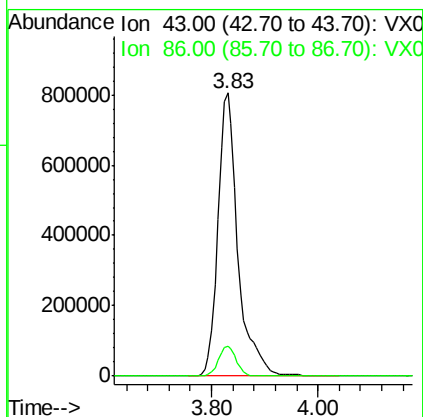
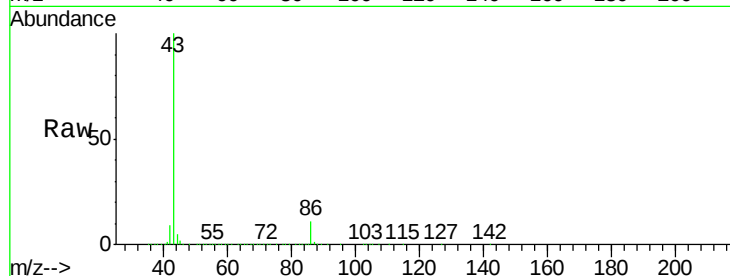




#23
 Vinyl Acetate
 Concen: 241.10 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

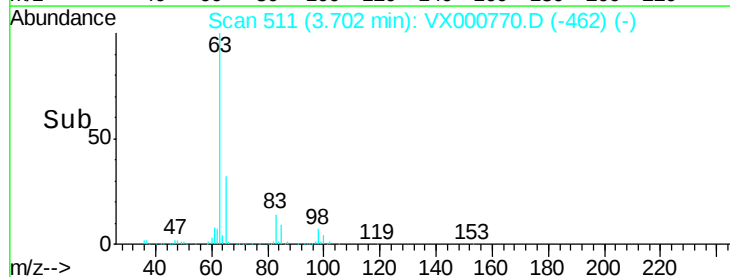
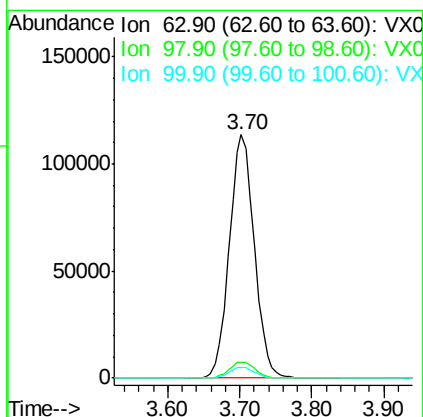
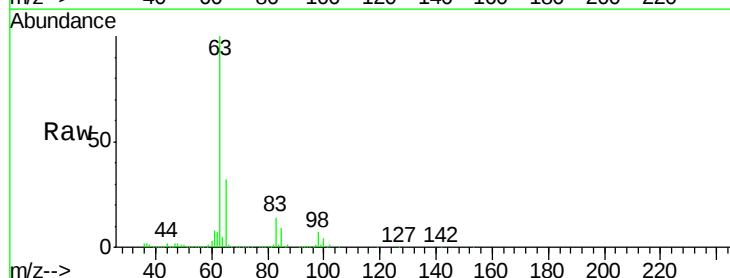
Instrument :
 MSVOA_X
 ClientSampleId :

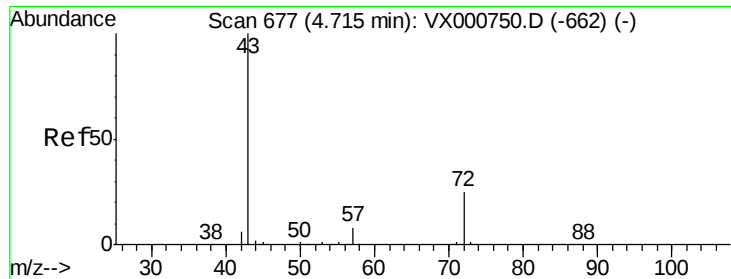
Tot Ion: 43 Resp: 2108619
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 48.94 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion: 63 Resp: 273533
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 233.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

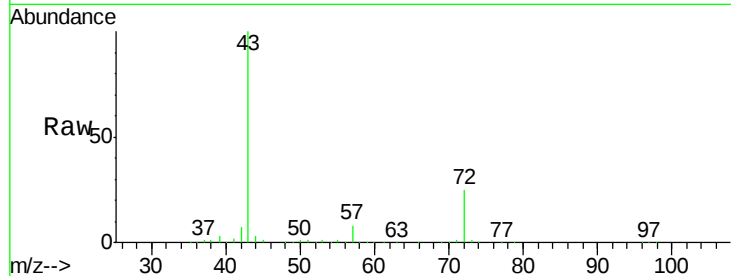
ClientSampleId :

Tot Ion: 43 Resp: 534810

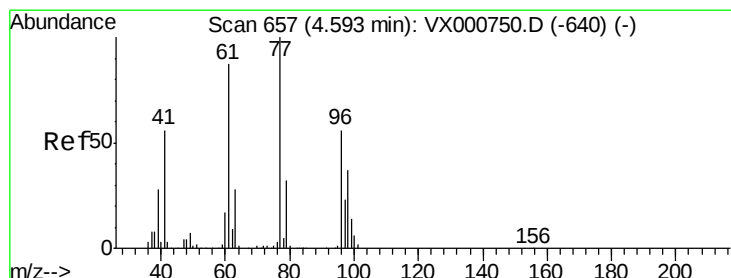
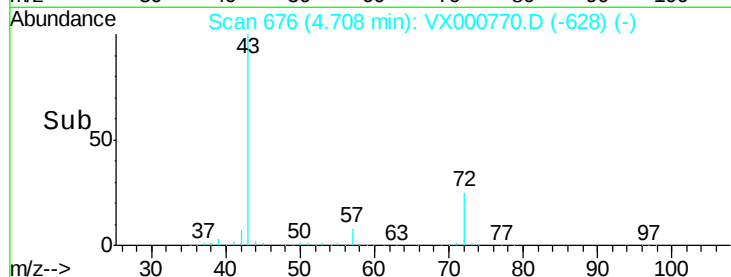
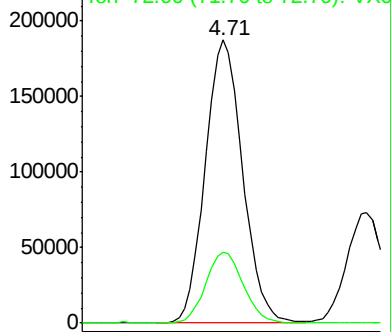
Ion Ratio Lower Upper

43 100

72 24.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VX000770.D (-628) (-)



#26

2,2-Dichloropropane

Concen: 49.61 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000770.D

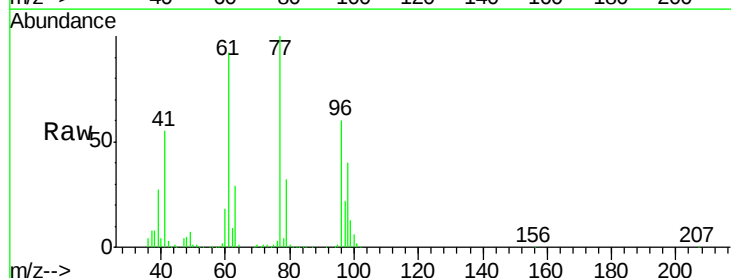
Acq: 11 Apr 2018 11:15

Tgt Ion: 77 Resp: 275226

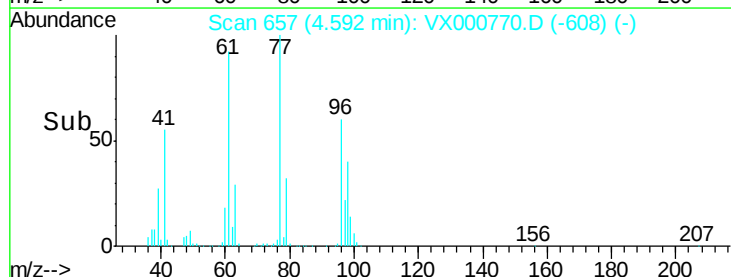
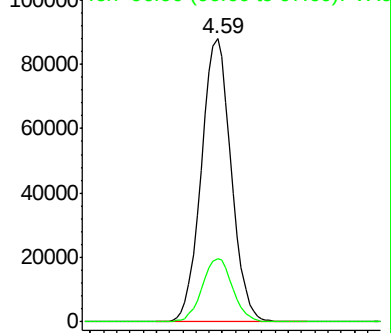
Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX000770.D (-608) (-)





#27

cis-1,2-Dichloroethene

Concen: 49.35 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

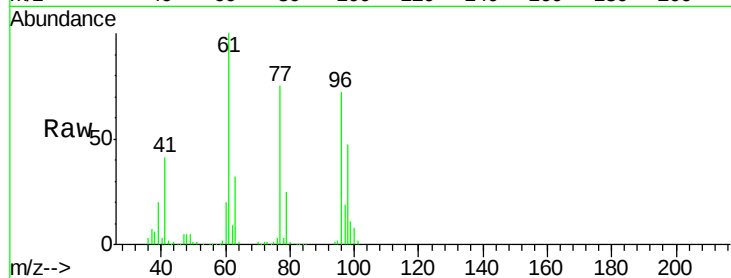
Tot Ion: 96 Resp: 181033

Ion Ratio Lower Upper

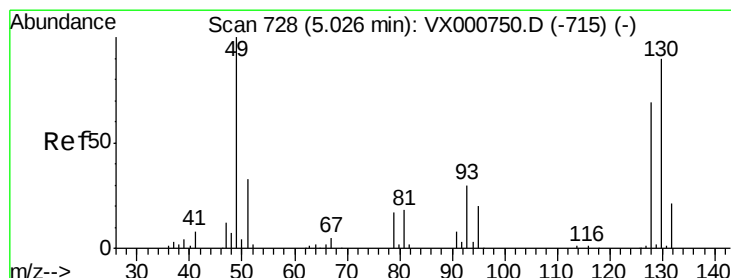
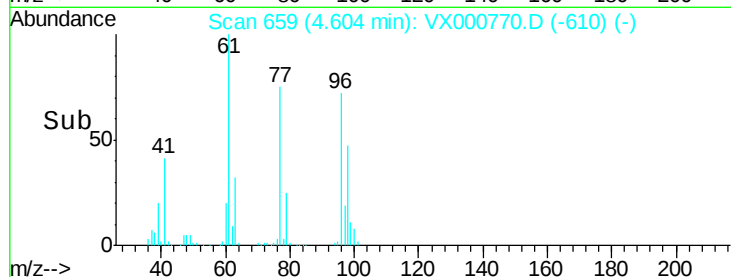
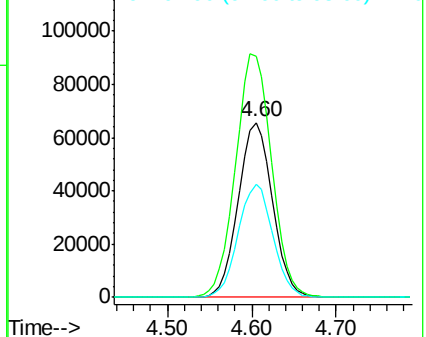
96 100

61 146.9 0.0 292.4

98 65.4 0.0 130.2



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: 48.63 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

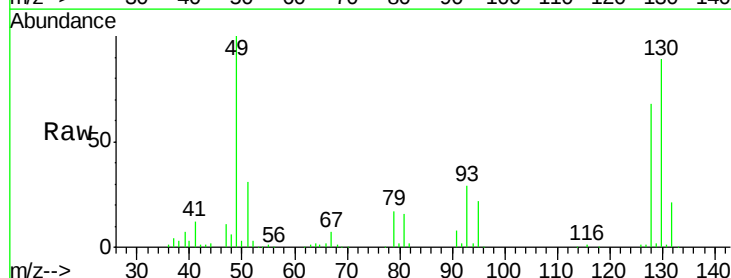
Tgt Ion: 49 Resp: 109464

Ion Ratio Lower Upper

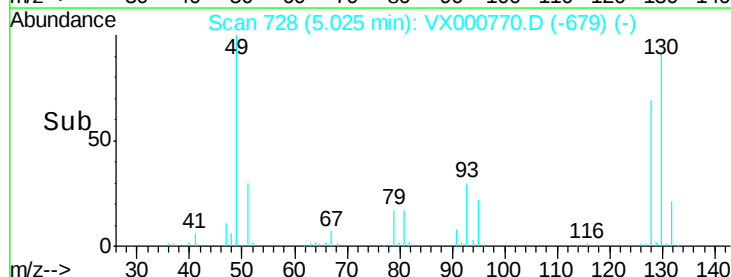
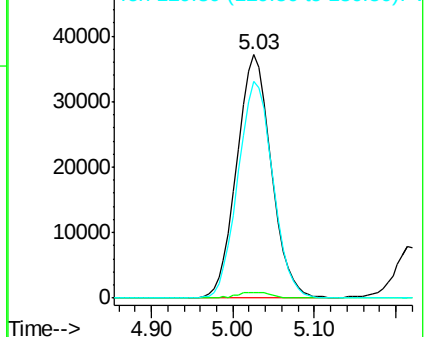
49 100

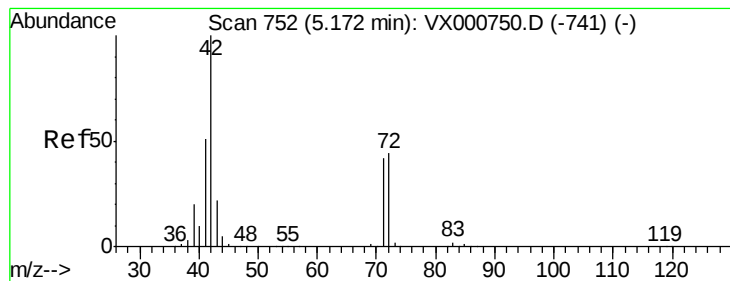
129 2.4 0.0 5.2

130 90.0 72.6 109.0



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: 231.08 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

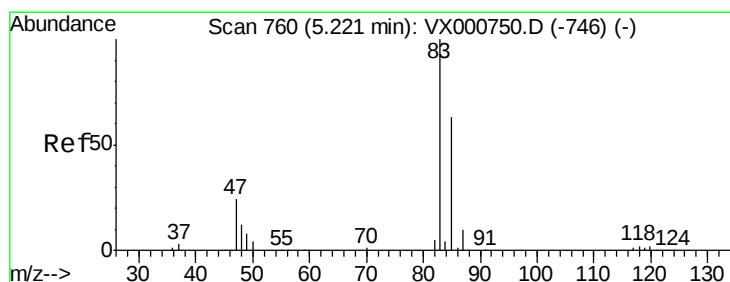
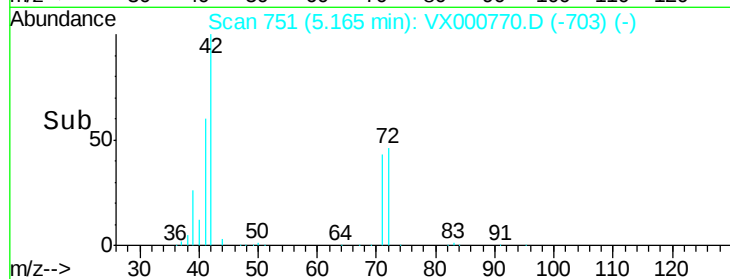
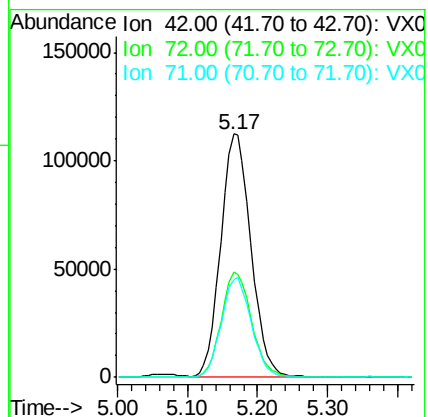
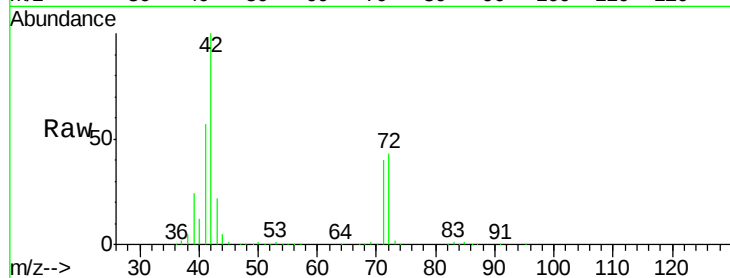
Tot Ion: 42 Resp: 336473

Ion Ratio Lower Upper

42 100

72 43.5 35.1 52.7

71 40.9 32.8 49.2



#30

Chloroform

Concen: 50.15 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000770.D

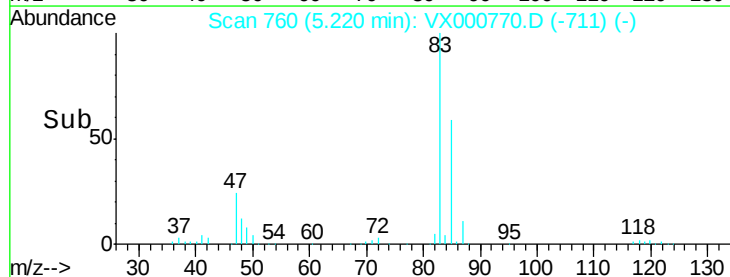
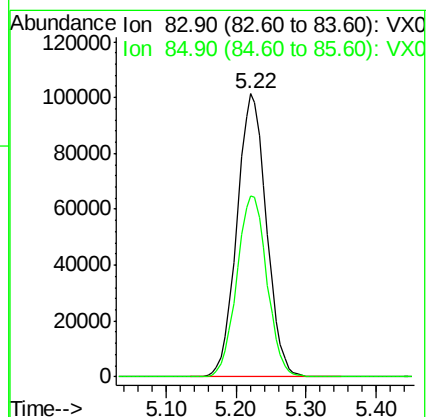
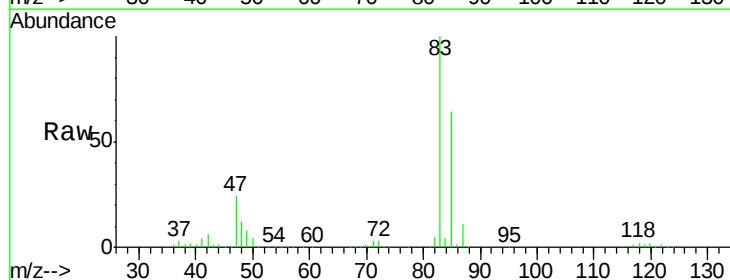
Acq: 11 Apr 2018 11:15

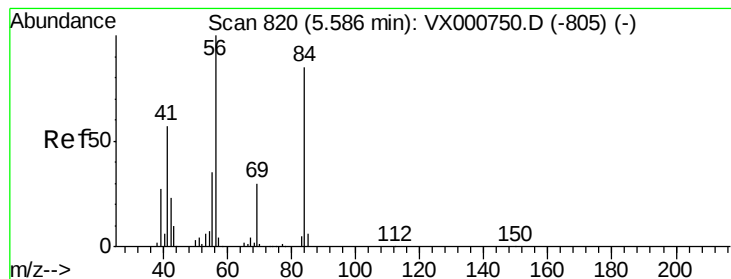
Tgt Ion: 83 Resp: 296758

Ion Ratio Lower Upper

83 100

85 64.1 50.7 76.1





#31

Cyclohexane

Concen: 50.08 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampled :

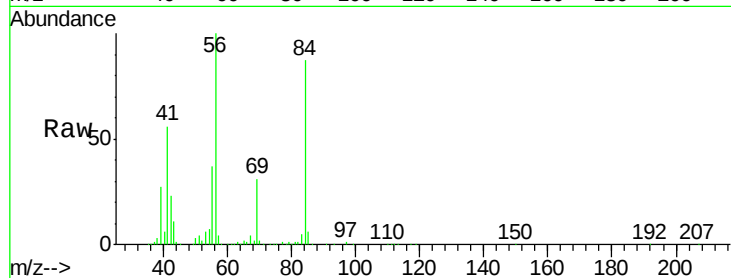
Tot Ion: 56 Resp: 265822

Ion Ratio Lower Upper

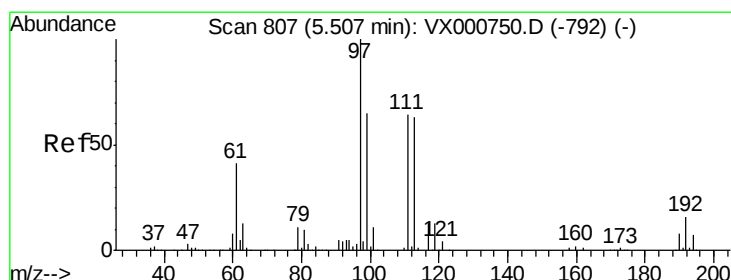
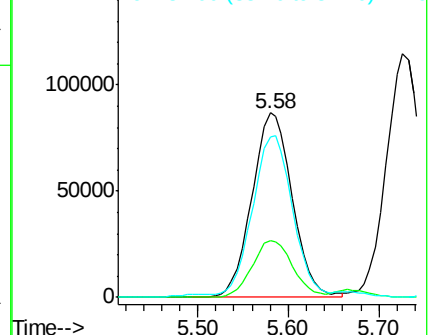
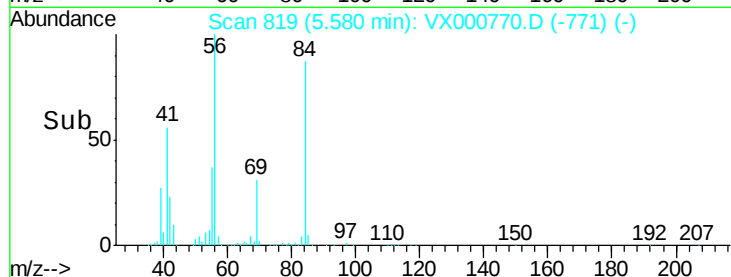
56 100

69 30.9 24.2 36.4

84 85.5 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 50.02 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

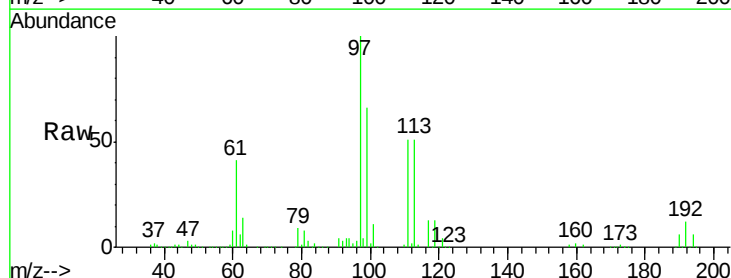
Tgt Ion: 97 Resp: 281988

Ion Ratio Lower Upper

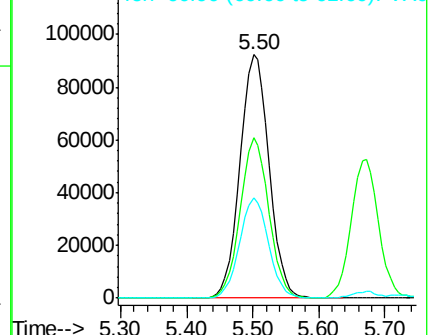
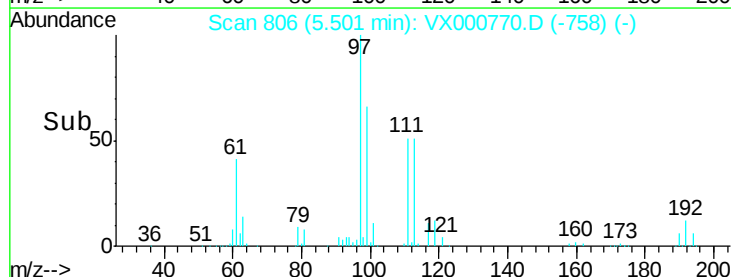
97 100

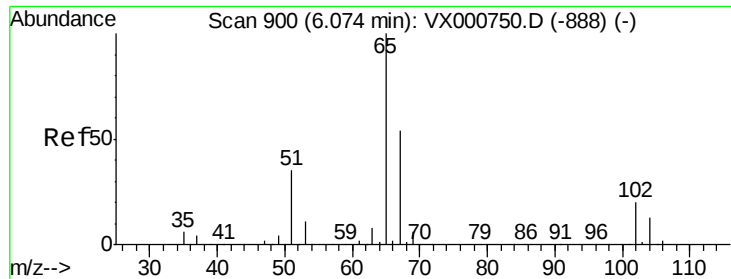
99 64.7 51.4 77.0

61 41.2 33.7 50.5



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

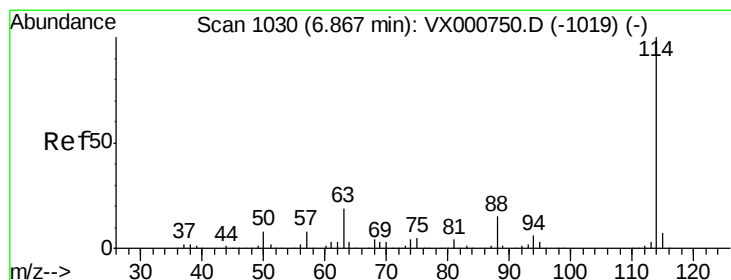
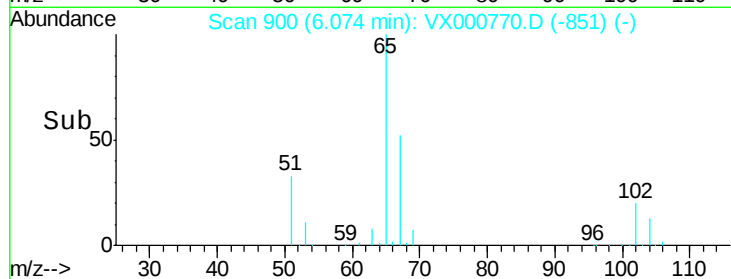
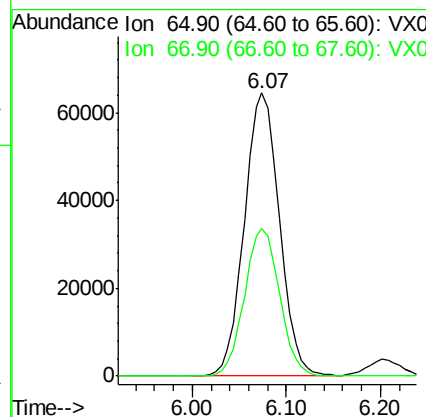
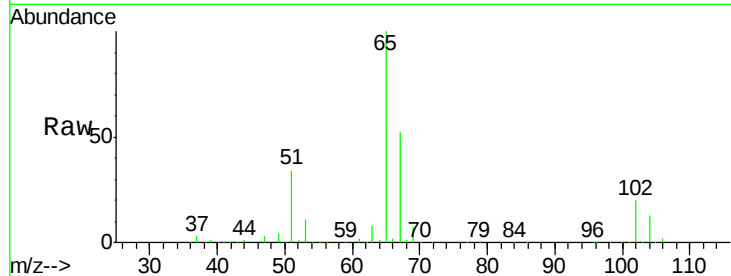




#33
 1,2-Dichloroethane-d4
 Concen: 41.58 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

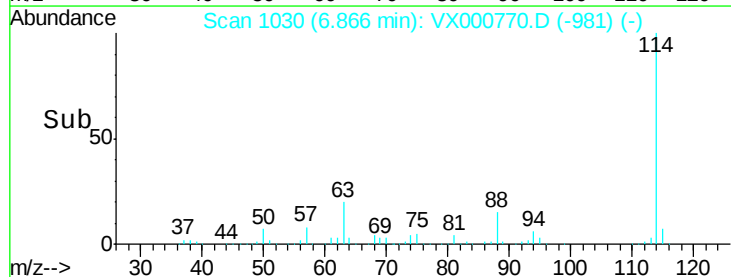
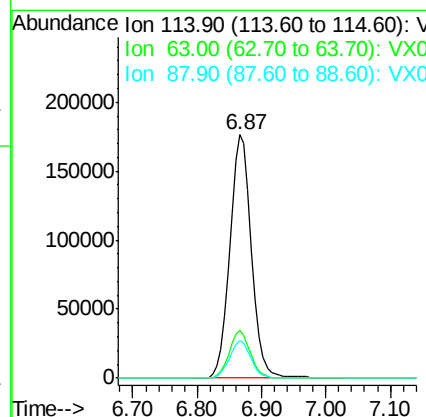
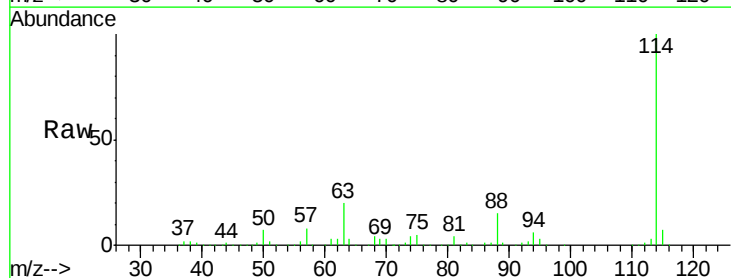
Instrument :
 MSVOA_X
 ClientSampleId :

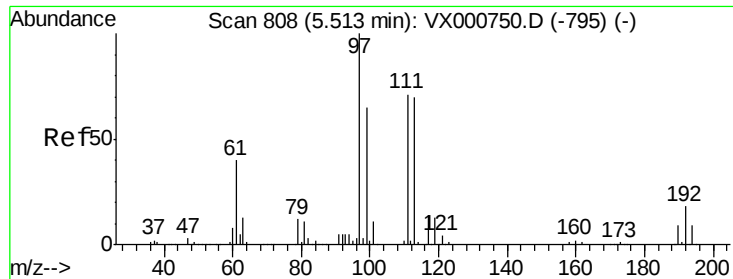
Tot Ion: 65 Resp: 167429
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion: 114 Resp: 415998
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.3 0.0 31.0

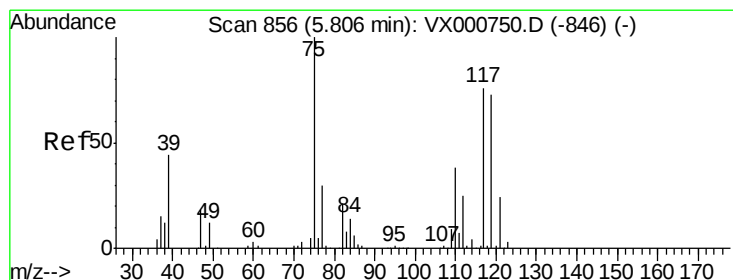
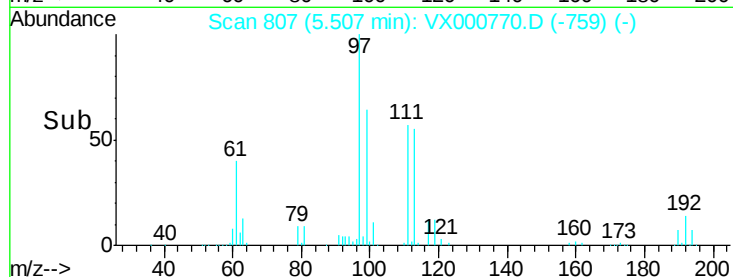
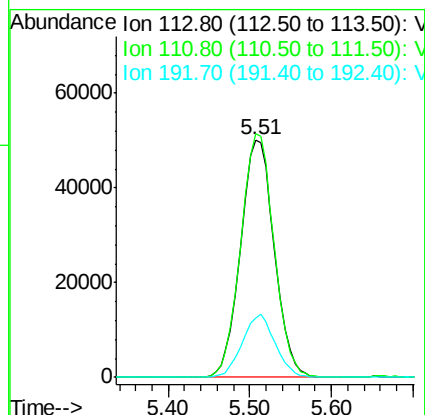
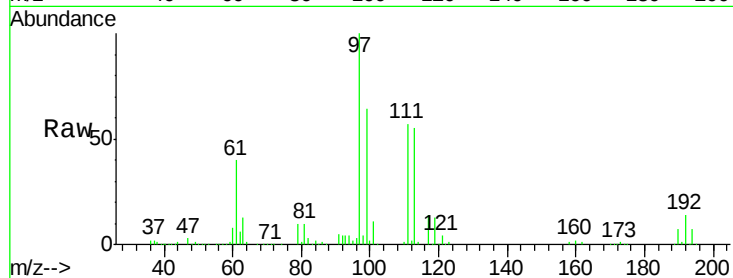




#35
 Dibromofluoromethane
 Concen: 44.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

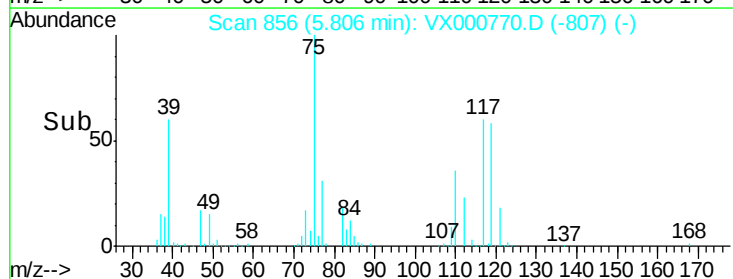
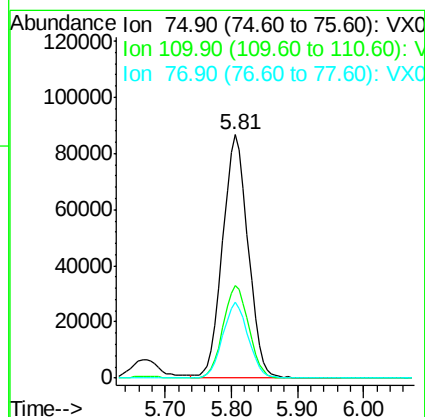
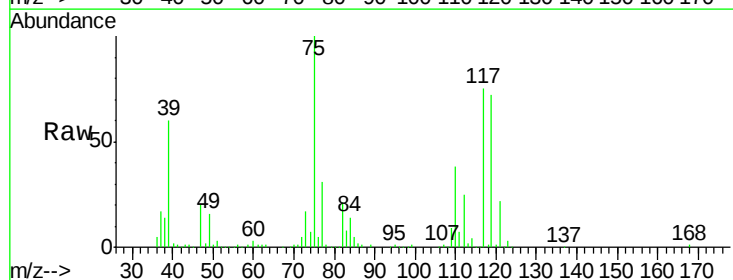
Instrument :
 MSVOA_X
 ClientSampleId :

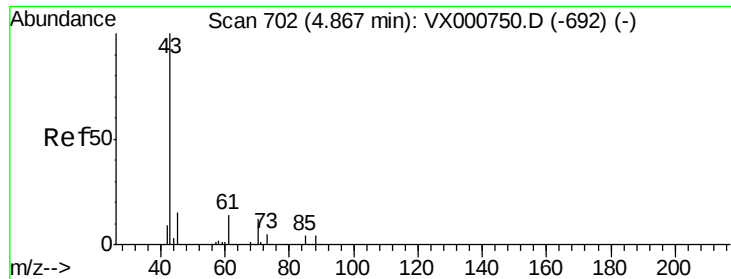
Tot Ion:113 Resp: 144020
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.5 122.3
 192 25.7 20.4 30.6



#36
 1,1-Dichloropropene
 Concen: 50.75 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion: 75 Resp: 232495
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.2 57.6
 77 30.8 25.4 38.2

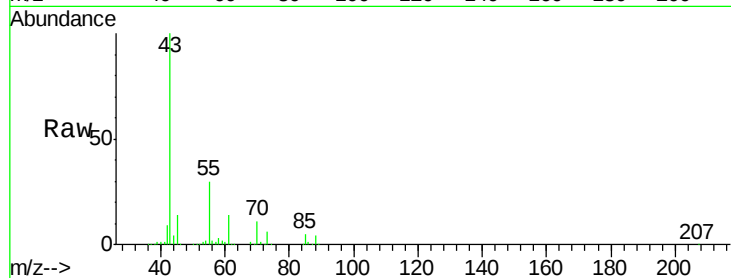




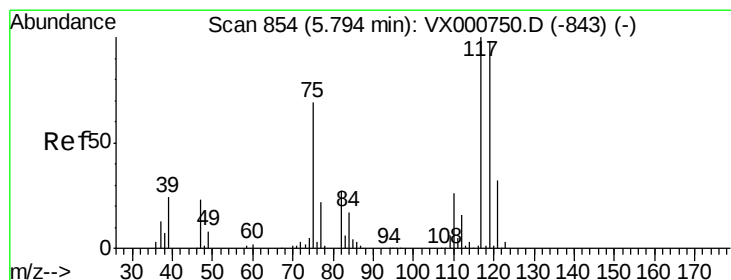
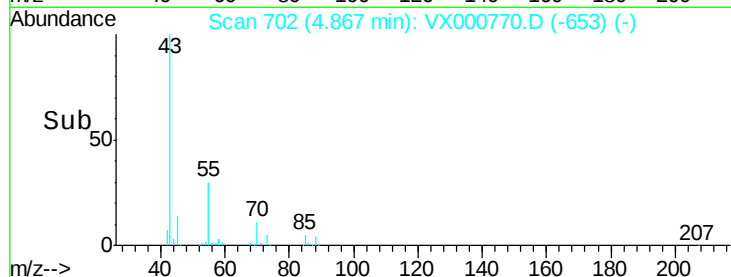
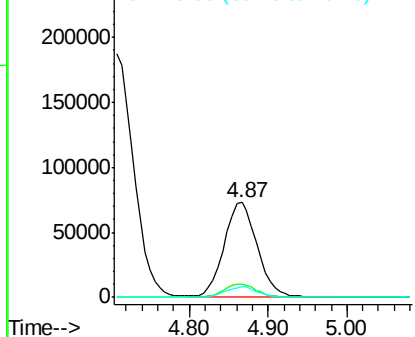
#37
Ethyl Acetate
Concen: 47.54 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	43	Resp	212639
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	11.0	8.7	13.1

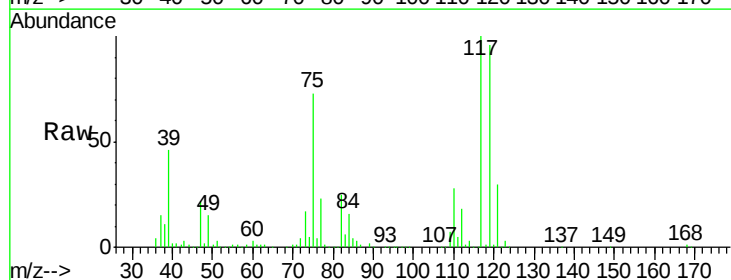


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

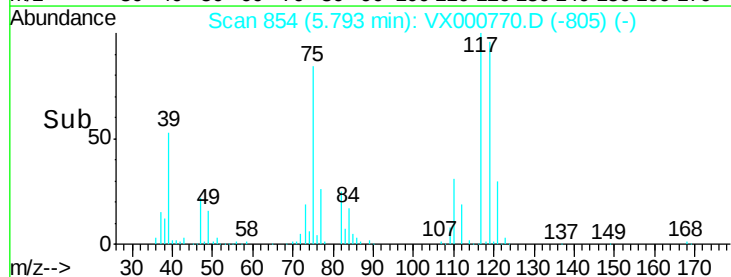
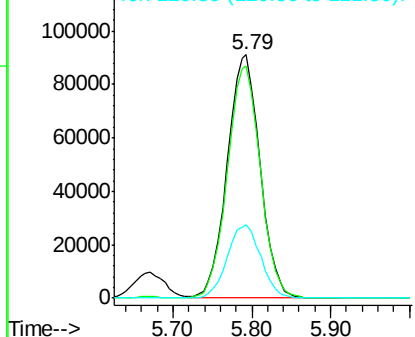


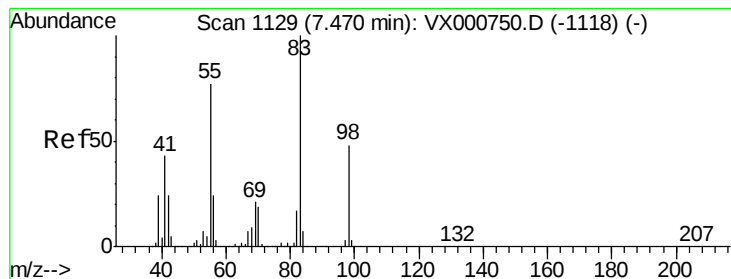
#38
Carbon Tetrachloride
Concen: 51.26 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion	117	Resp	262872
Ion Ratio	Lower	Upper	
117	100		
119	95.6	78.4	117.6
121	30.4	25.4	38.0



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





#39

Methvlcvclohexane

Concen: 52.24 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :

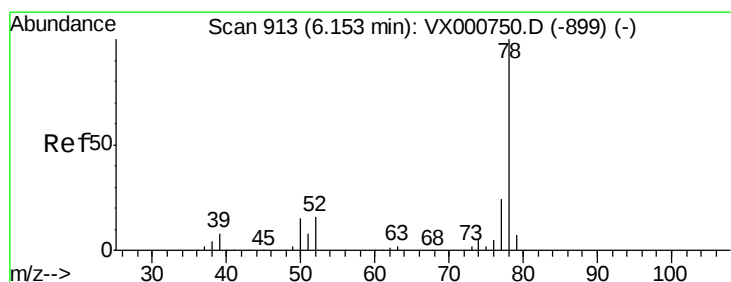
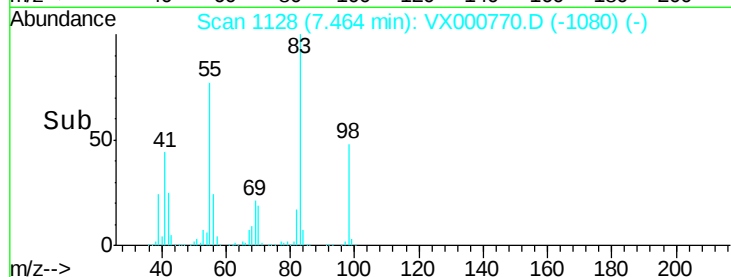
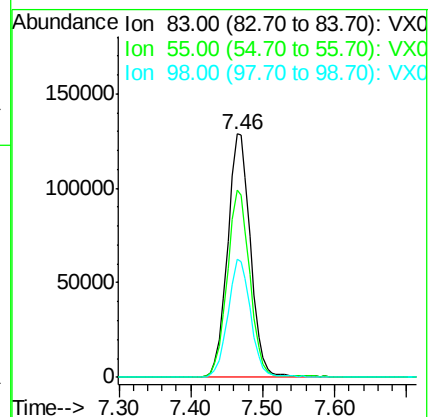
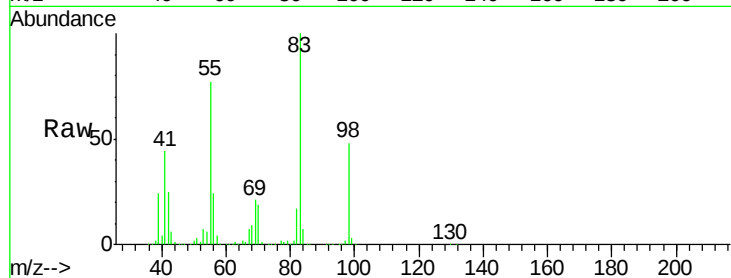
Tot Ion: 83 Resp: 287395

Ion Ratio Lower Upper

83 100

55 76.7 61.5 92.3

98 48.5 38.1 57.1



#40

Benzene

Concen: 51.16 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000770.D

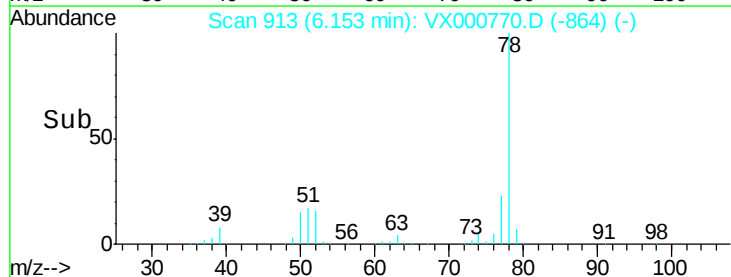
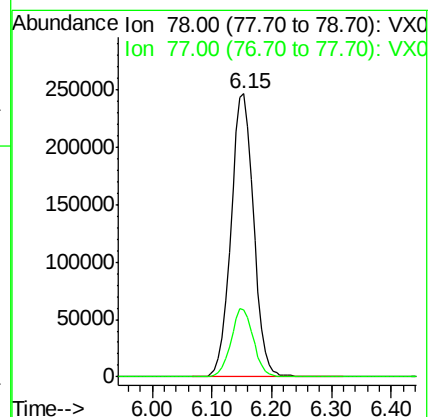
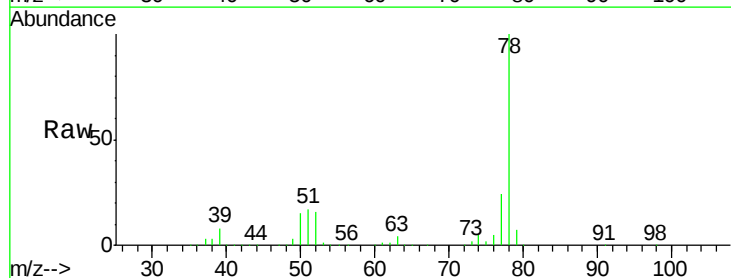
Acq: 11 Apr 2018 11:15

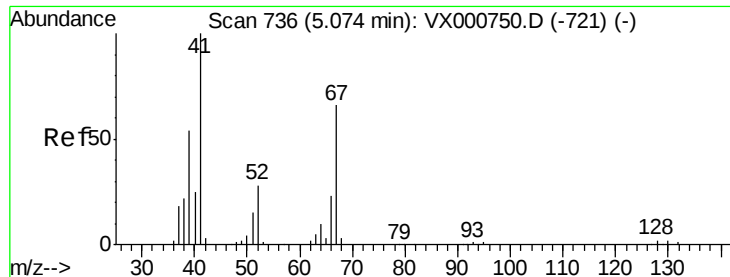
Tgt Ion: 78 Resp: 651204

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6

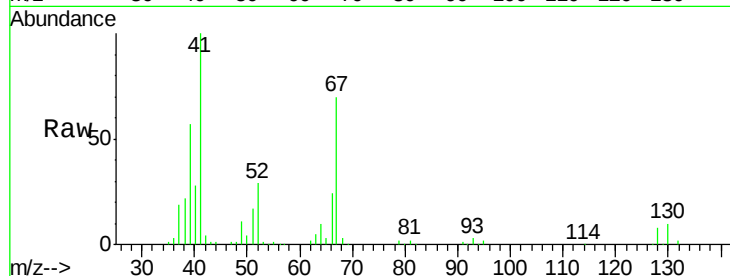




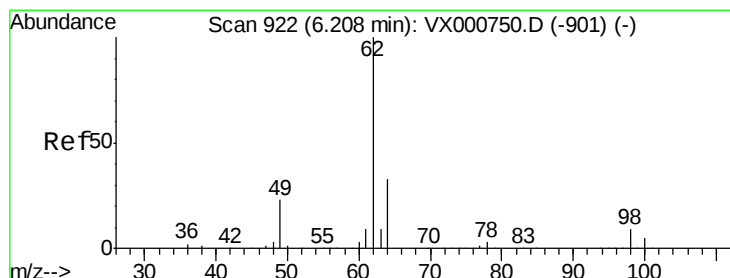
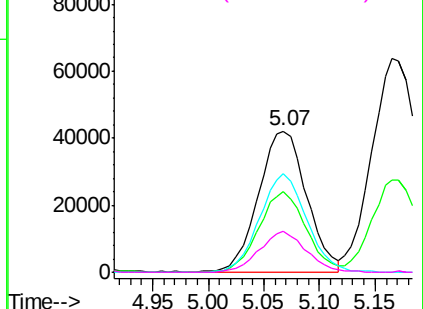
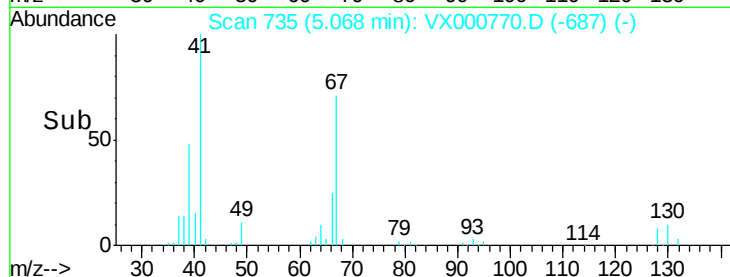
#41
Methacrylonitrile
Concen: 48.65 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 125705
Ion Ratio Lower Upper
41 100
39 55.8 44.9 67.3
67 68.5 54.7 82.1
52 27.7 23.0 34.6

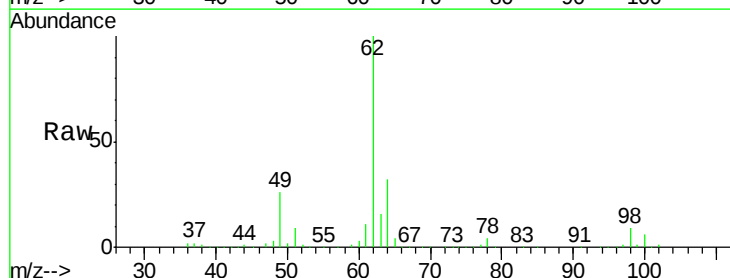


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

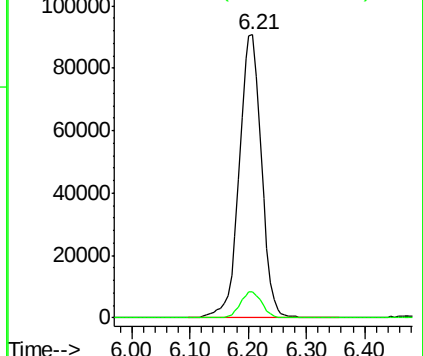
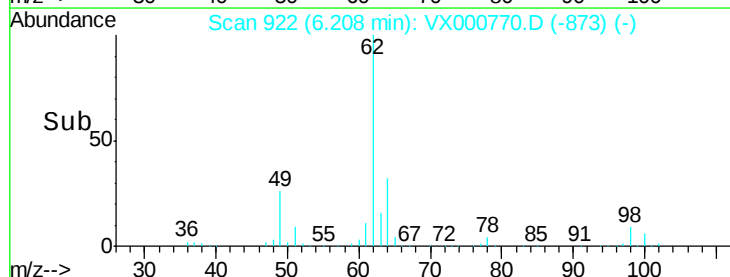


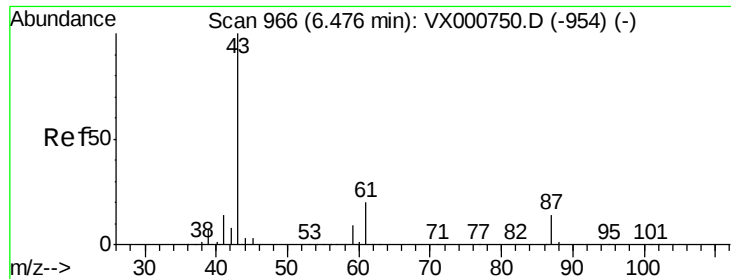
#42
1,2-Dichloroethane
Concen: 50.32 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 62 Resp: 239234
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.6



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



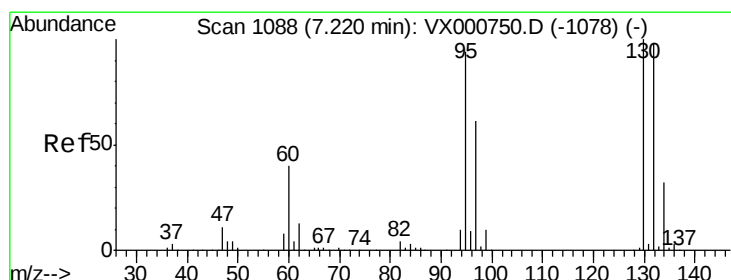
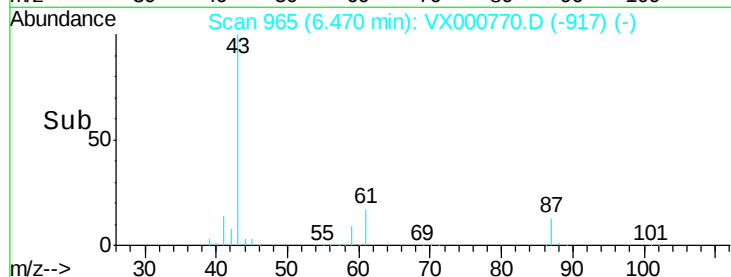
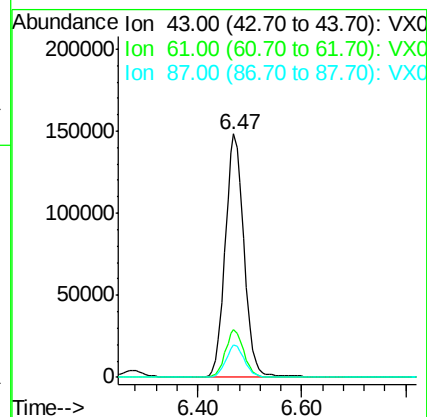
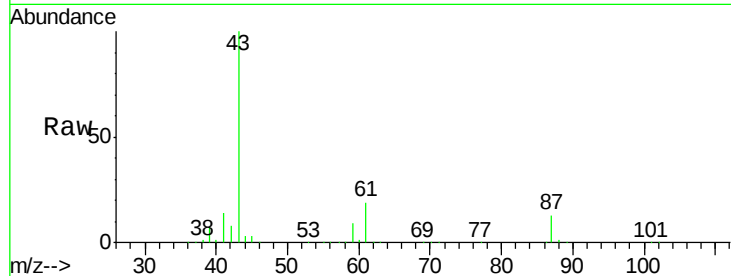


#43

Isopropyl Acetate
 Concen: 49.07 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :

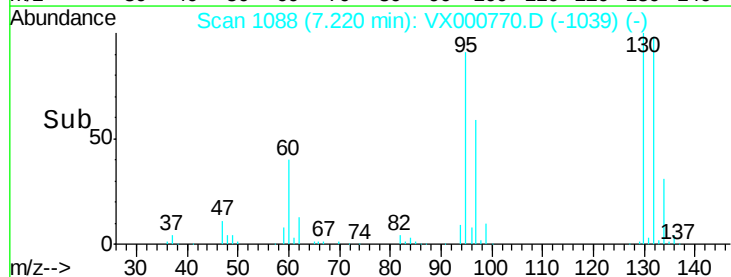
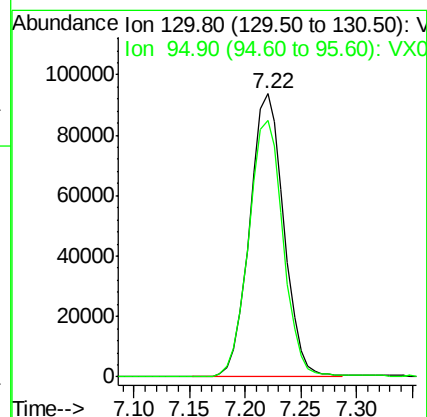
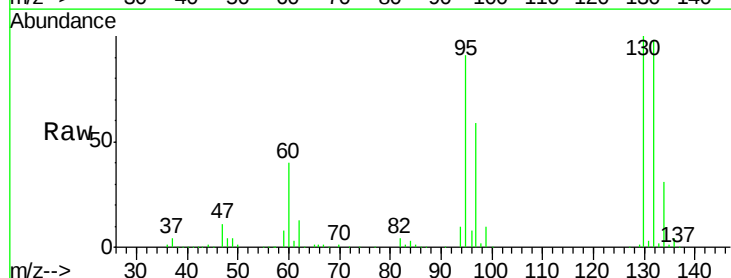
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.6	23.4
87	13.2	10.7	16.1

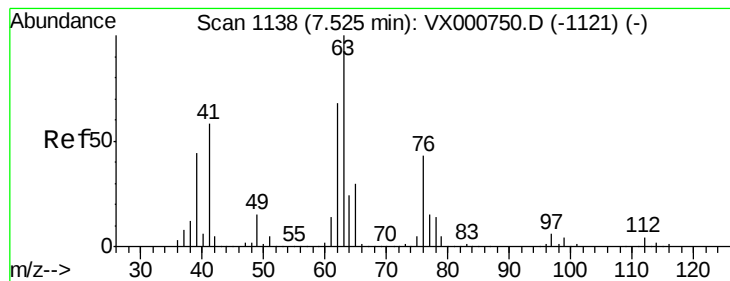


#44

Trichloroethene
 Concen: 50.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.29 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

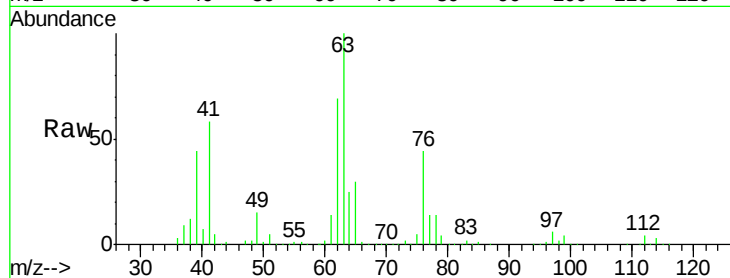
ClientSampleId :

Tot Ion: 63 Resp: 166258

Ion Ratio Lower Upper

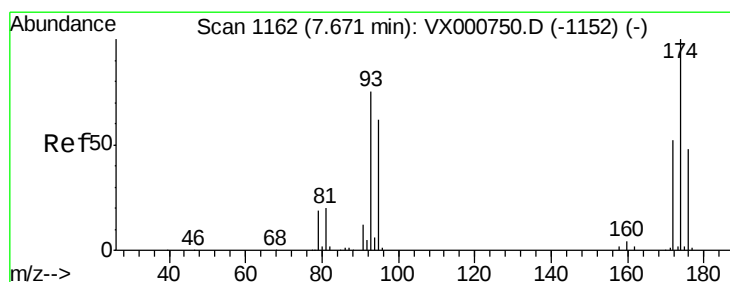
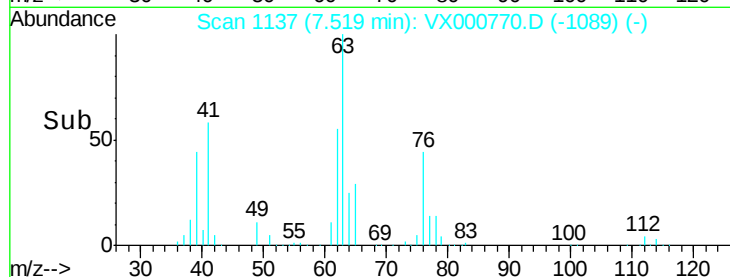
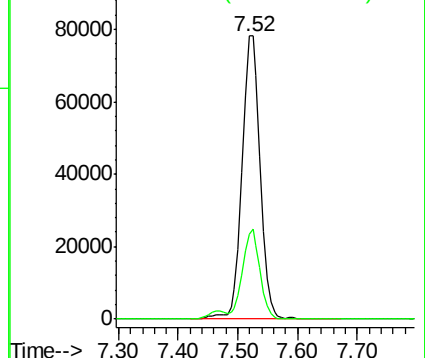
63 100

65 30.2 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.63 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

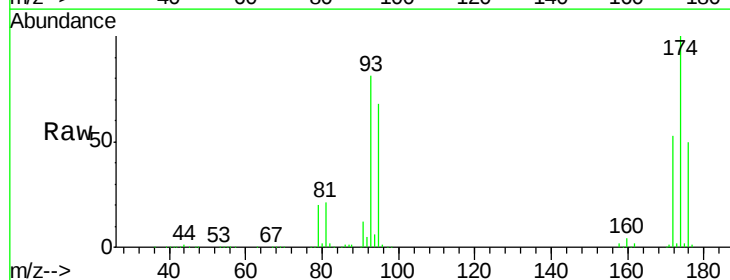
Tgt Ion: 93 Resp: 114425

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

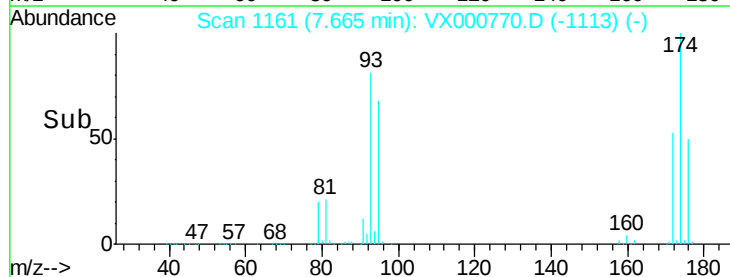
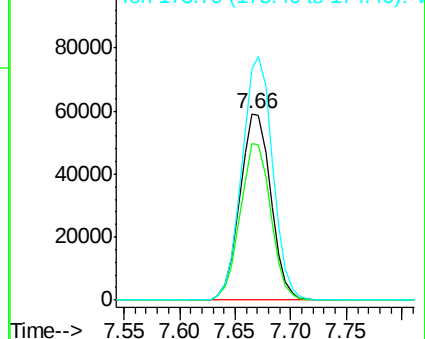
174 129.7 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.64 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

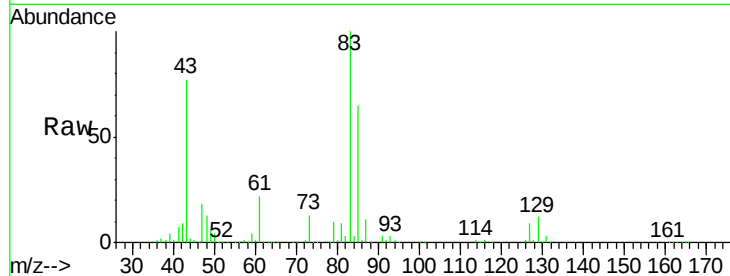
Tot Ion: 83 Resp: 23548

Ion Ratio Lower Upper

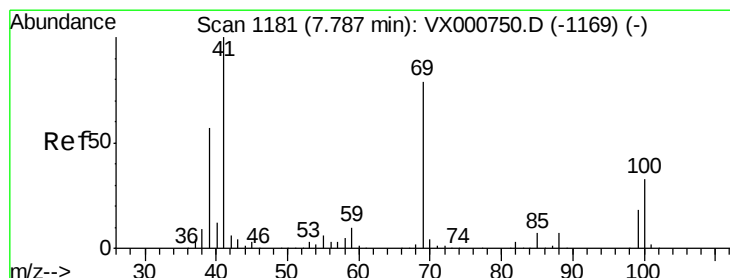
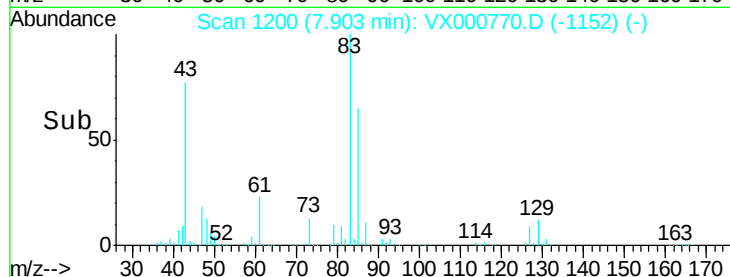
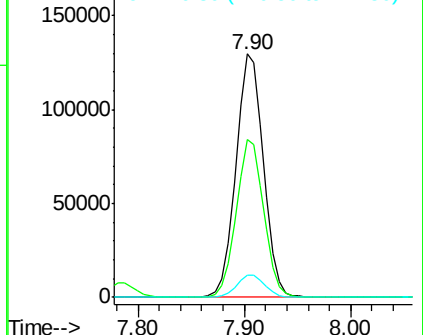
83 100

85 64.6 52.2 78.4

127 9.2 7.8 11.8



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



#48

Methyl methacrylate

Concen: 49.65 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

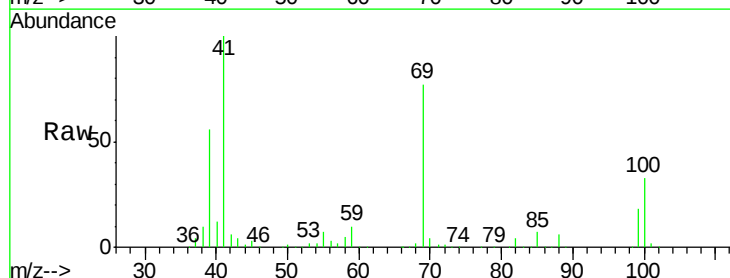
Tgt Ion: 41 Resp: 197349

Ion Ratio Lower Upper

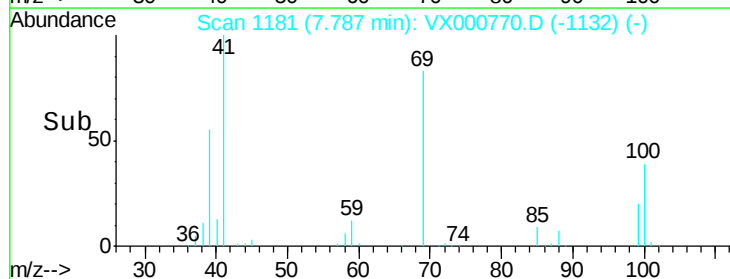
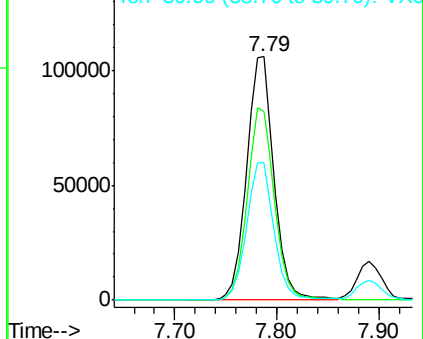
41 100

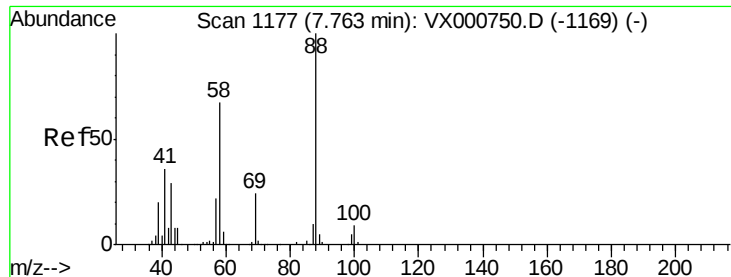
69 78.9 63.9 95.9

39 56.5 45.9 68.9



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

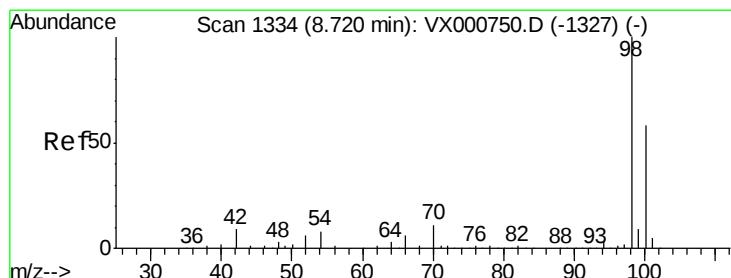
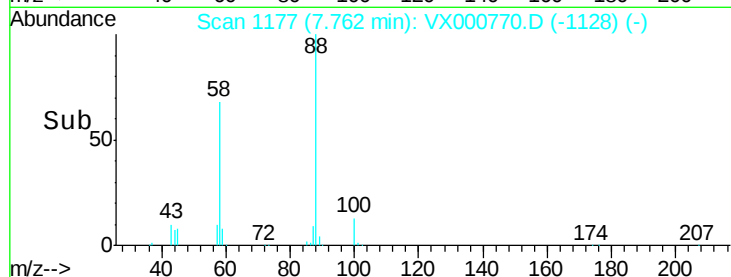
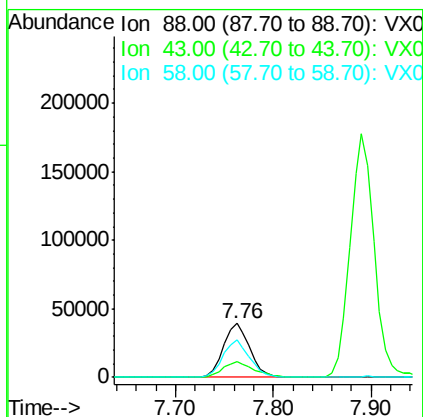
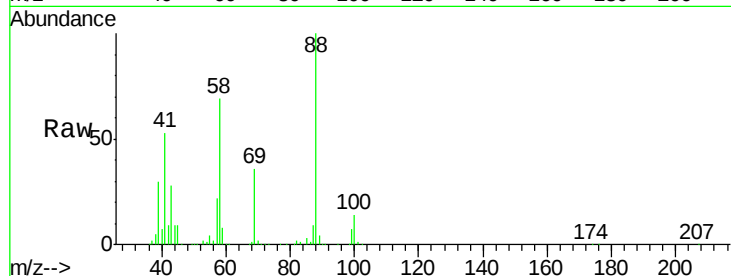




#49
 1,4-Dioxane
 Concen: 914.87 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

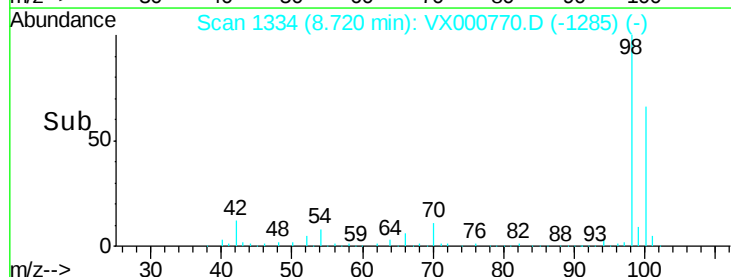
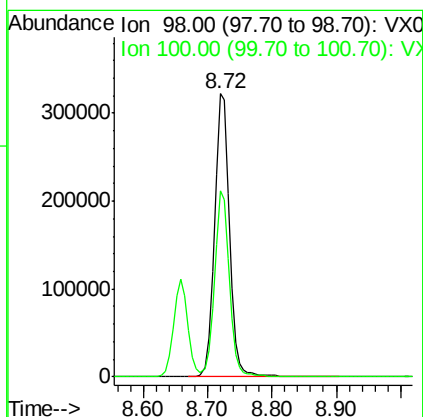
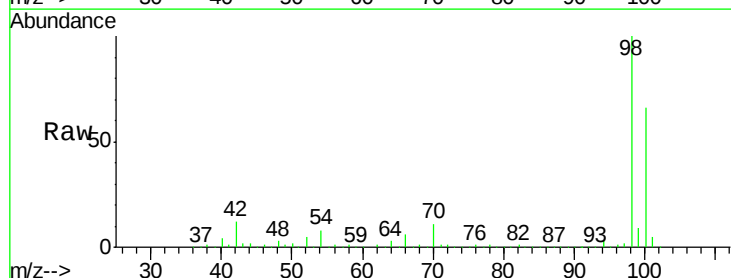
Instrument :
 MSVOA_X
 ClientSampleId :

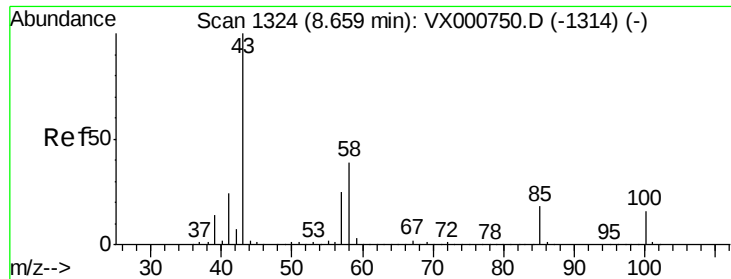
Tot Ion: 88 Resp: 73076
 Ion Ratio Lower Upper
 88 100
 43 33.2 25.8 38.8
 58 70.0 54.4 81.6



#50
 Toluene-d8
 Concen: 44.23 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion: 98 Resp: 527807
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 242.37 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

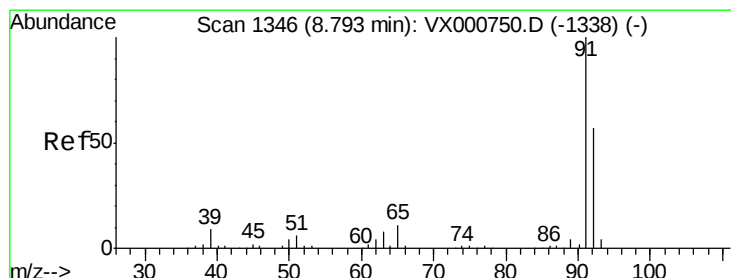
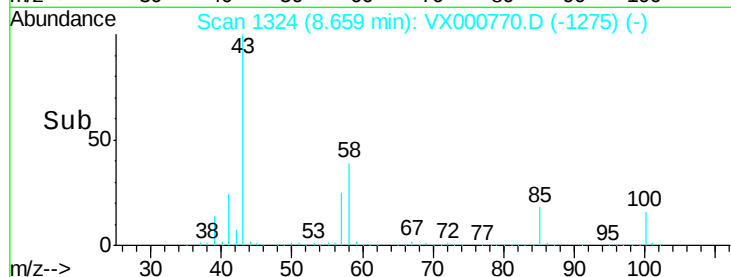
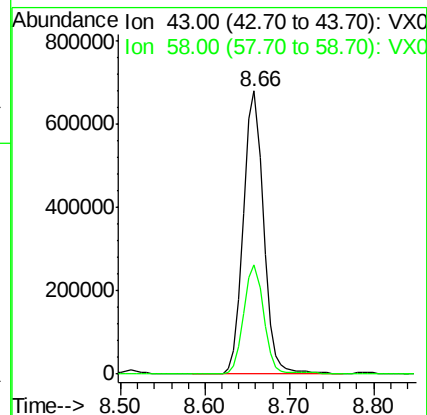
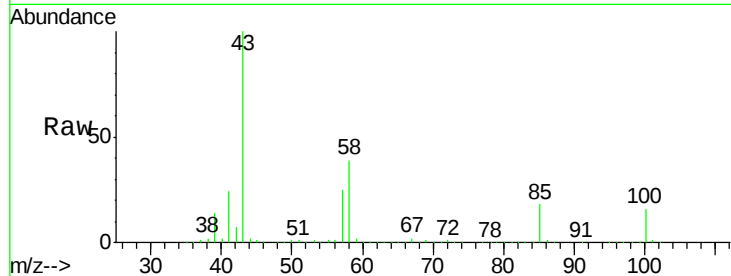
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1091713

Ion Ratio Lower Upper

43 100

58 38.0 30.3 45.5



#52

Toluene

Concen: 51.02 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000770.D

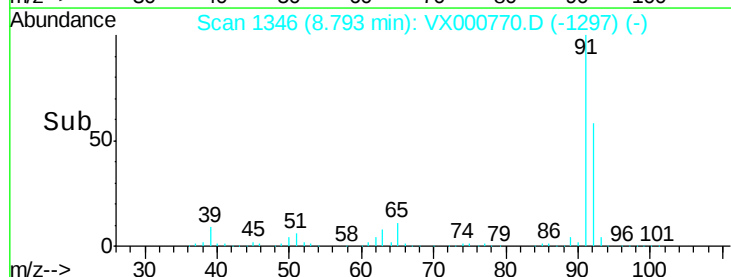
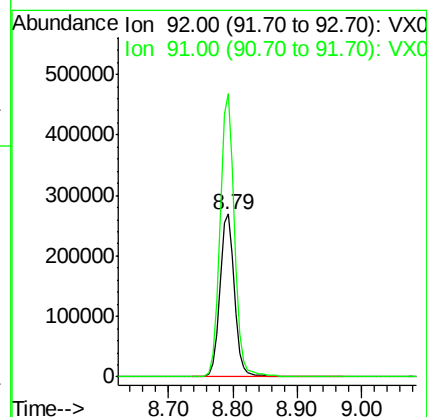
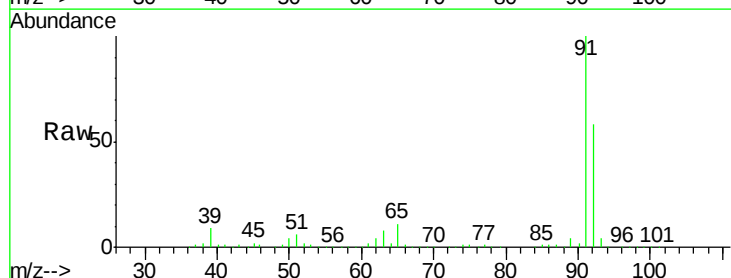
Acq: 11 Apr 2018 11:15

Tgt Ion: 92 Resp: 430907

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.4

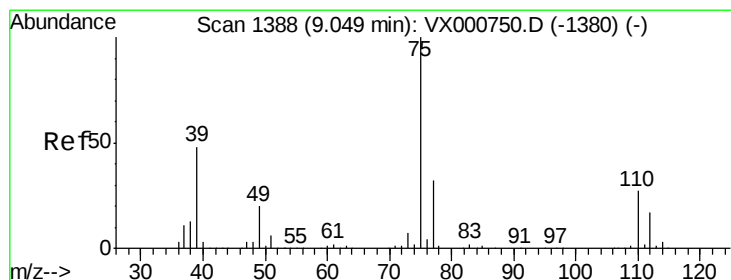
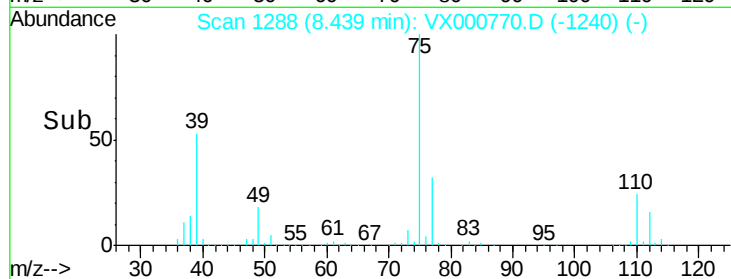
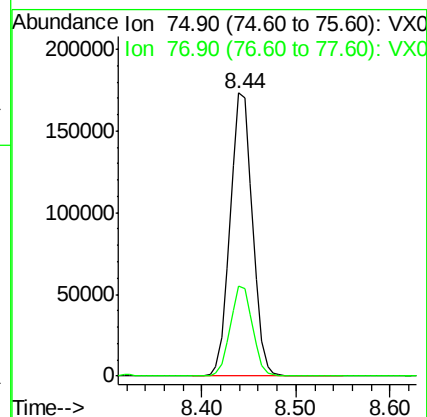
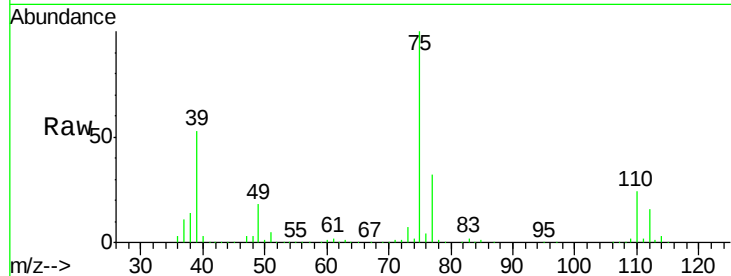




#53
 t-1,3-Dichloropropene
 Concen: 52.08 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

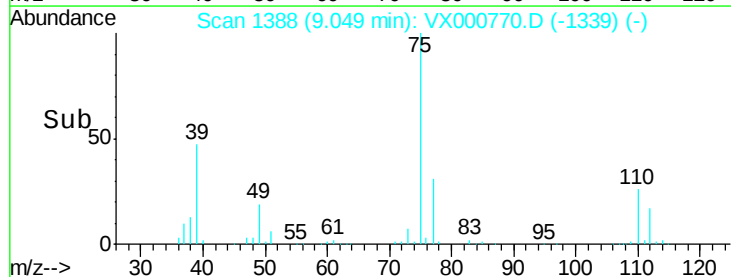
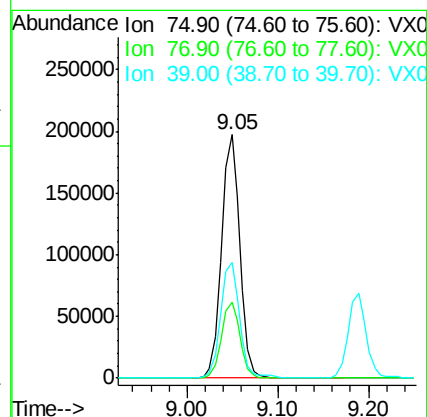
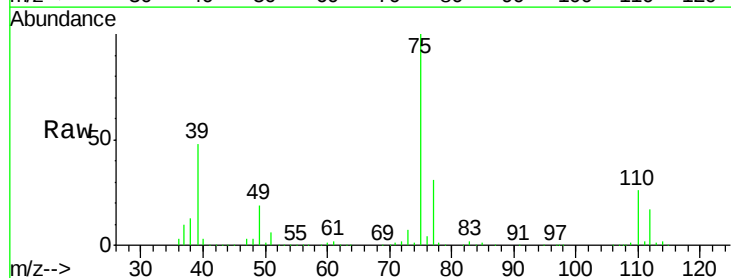
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 284919
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 51.95 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion: 75 Resp: 276751
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 47.4 38.6 58.0

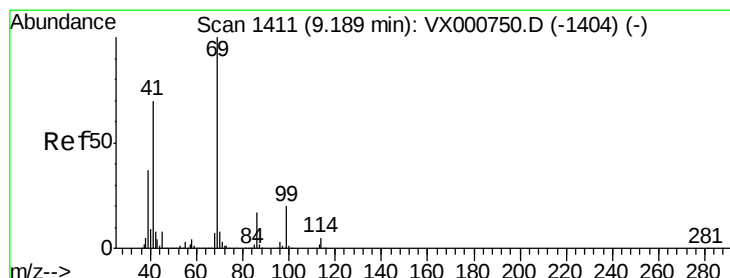
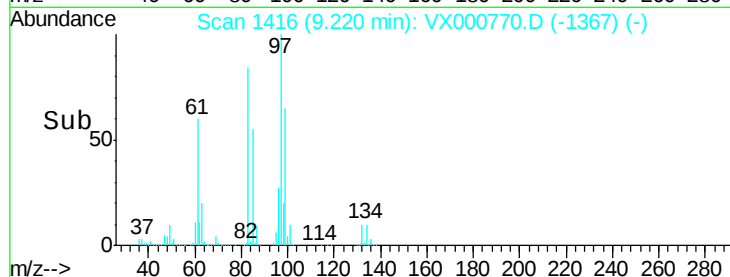
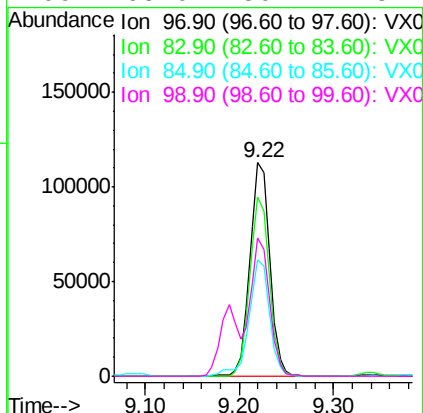
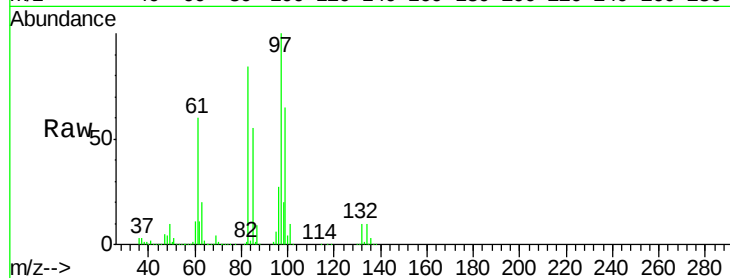




#55
 1,1,2-Trichloroethane
 Concen: 50.17 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

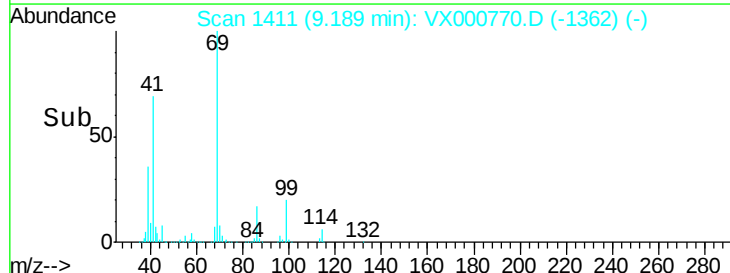
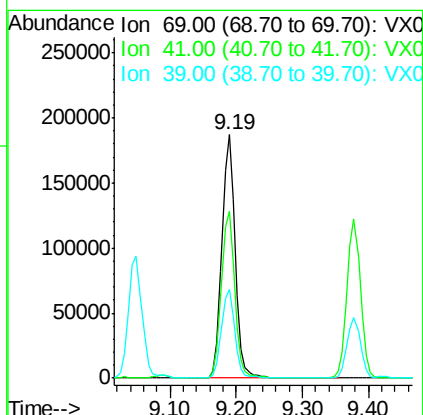
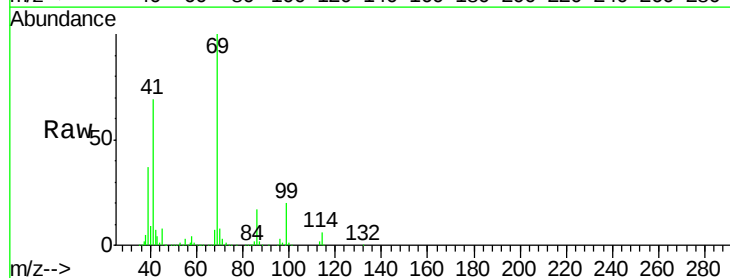
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	168221
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.6	101.4
85	54.7	43.8	65.6
99	65.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 49.99 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion:	69	Resp:	258554
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.6	83.4
39	36.9	30.3	45.5





#57

1,3-Dichloropropane

Concen: 51.30 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

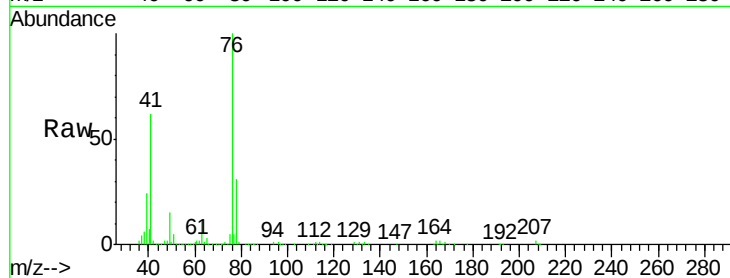
ClientSampled :

Tot Ion: 76 Resp: 273445

Ion Ratio Lower Upper

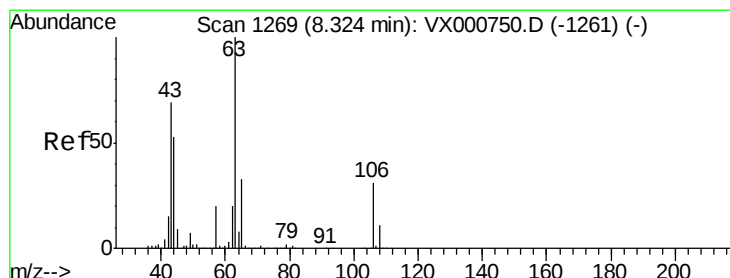
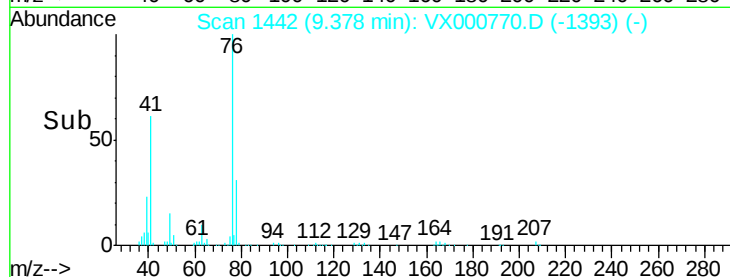
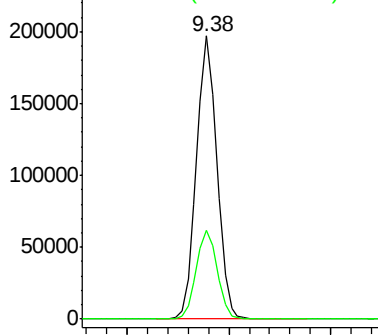
76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 209.76 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000770.D

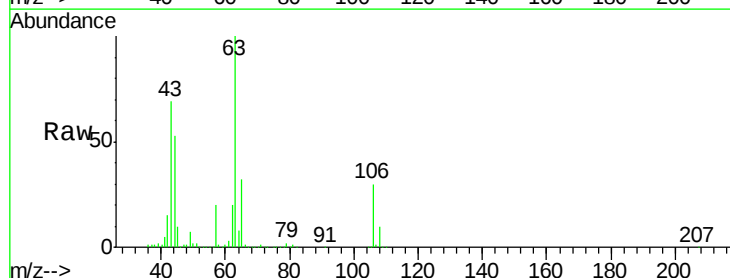
Acq: 11 Apr 2018 11:15

Tgt Ion: 63 Resp: 506868

Ion Ratio Lower Upper

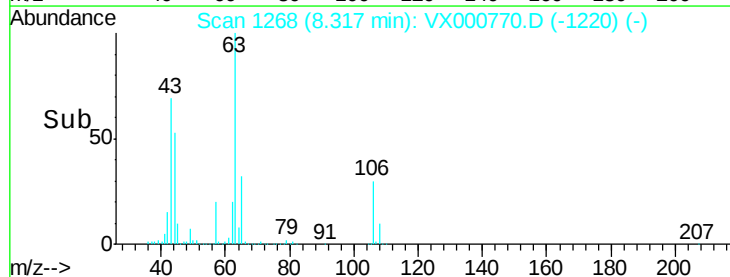
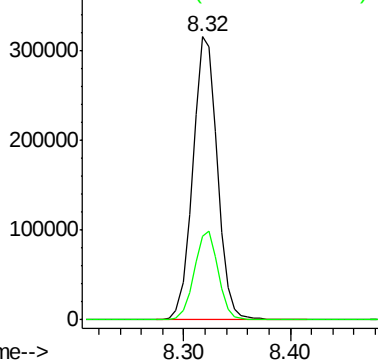
63 100

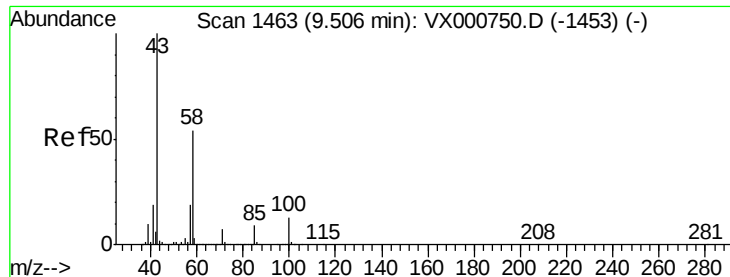
106 30.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

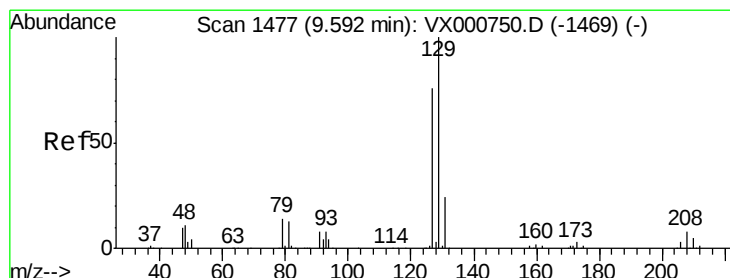
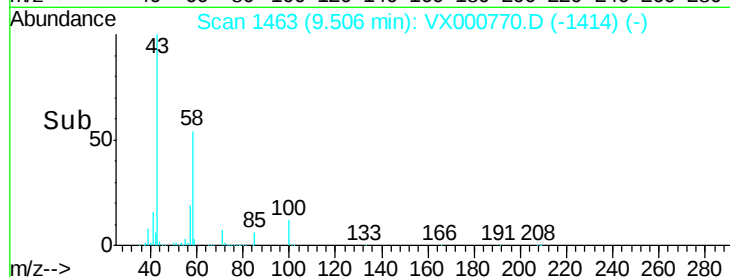
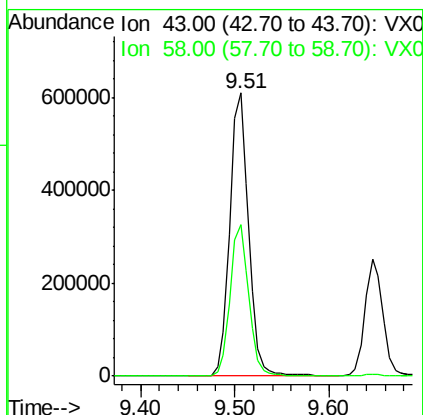
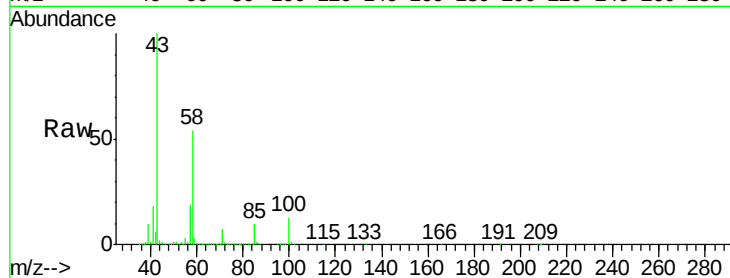




#59
2-Hexanone
Concen: 243.07 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

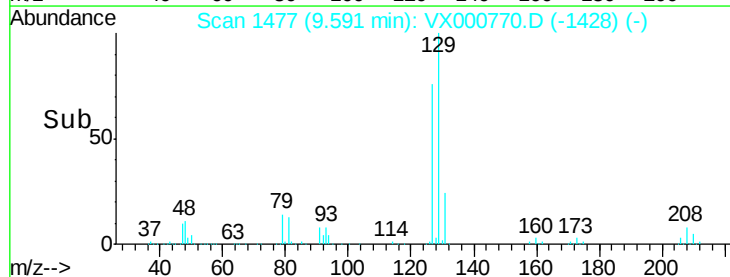
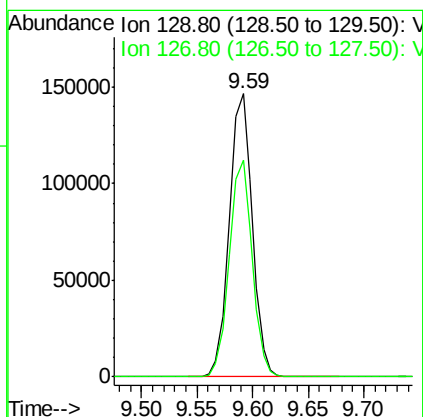
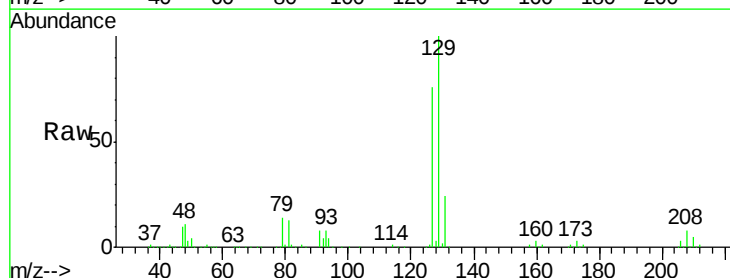
Instrument :
MSVOA_X
ClientSampleId :

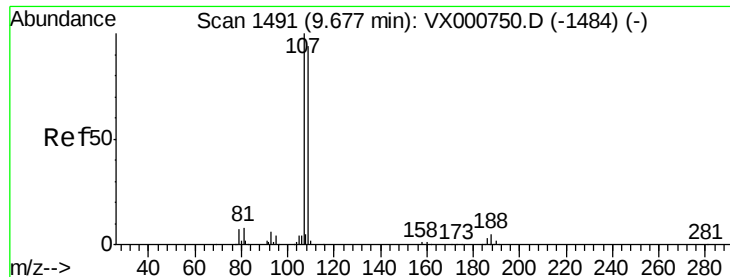
Tot Ion: 43 Resp: 845216
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5



#60
Dibromochloromethane
Concen: 52.31 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 129 Resp: 209846
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.53 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

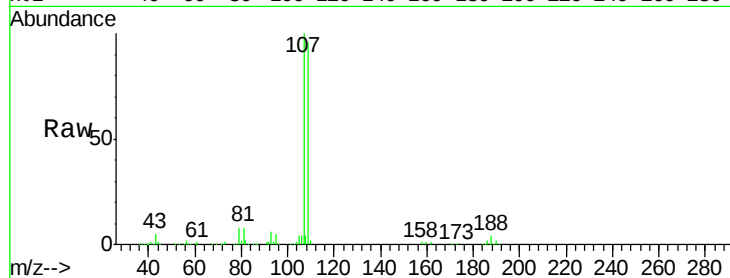
ClientSampleId :

Tot Ion:107 Resp: 179744

Ion Ratio Lower Upper

107 100

109 95.6 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

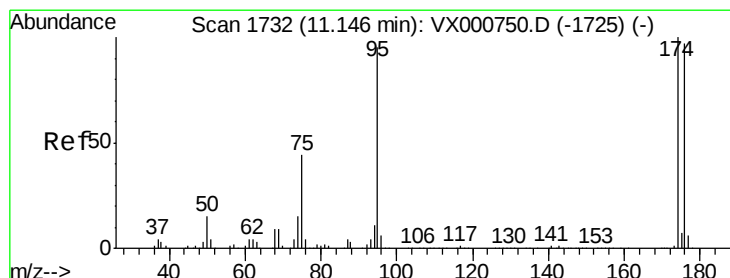
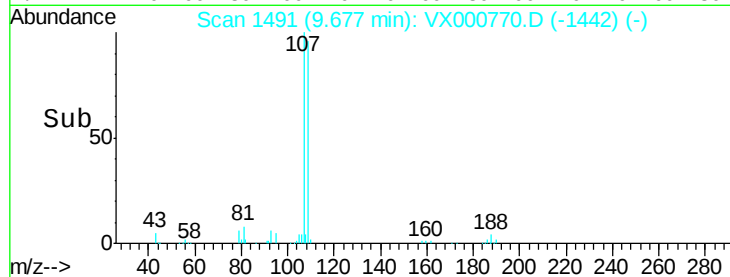
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

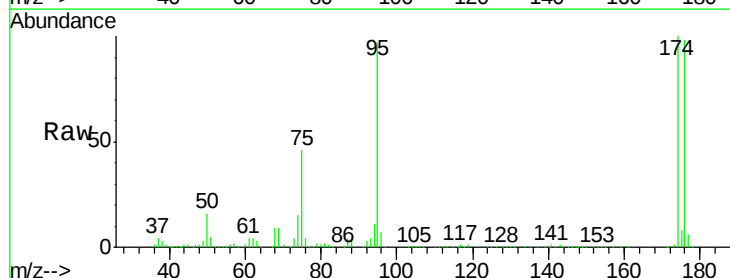
Tgt Ion: 95 Resp: 216182

Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

176 96.4 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

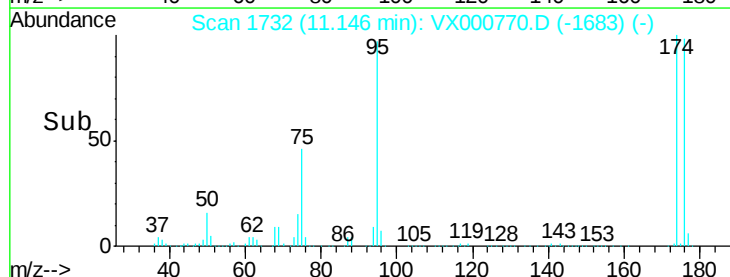
150000

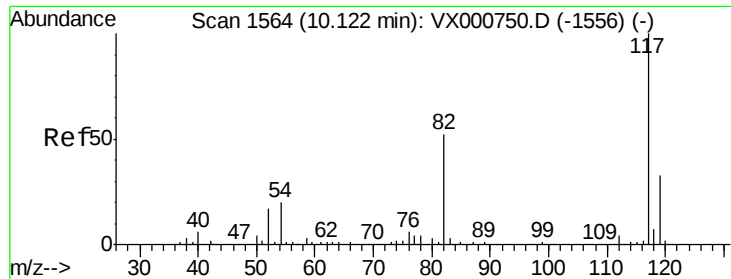
100000

50000

0

Time-->

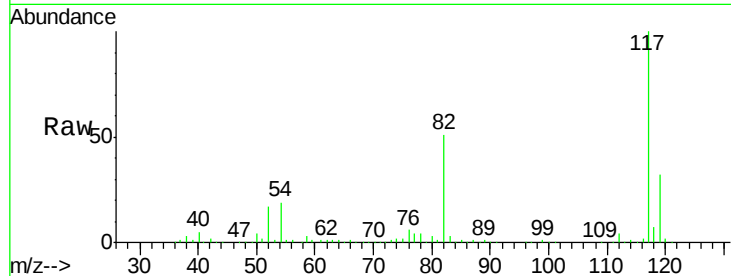




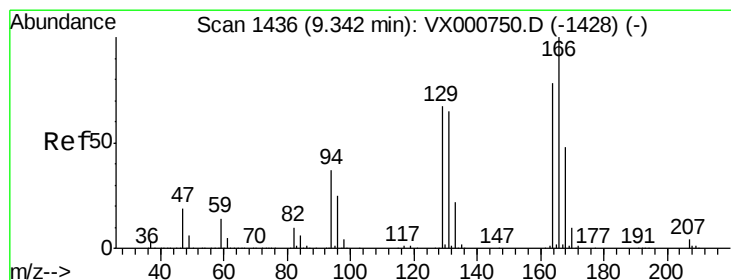
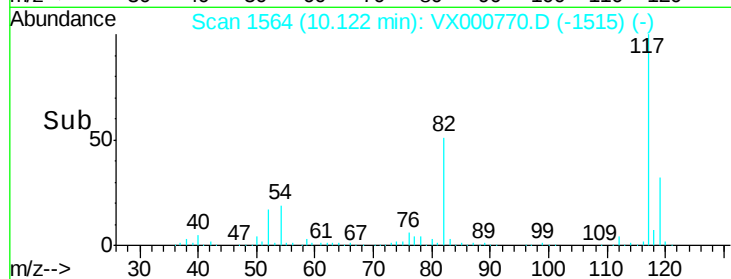
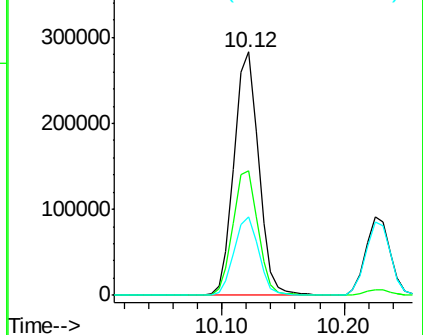
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 394719
Ion Ratio Lower Upper
117 100
82 51.0 41.9 62.9
119 32.1 26.0 39.0

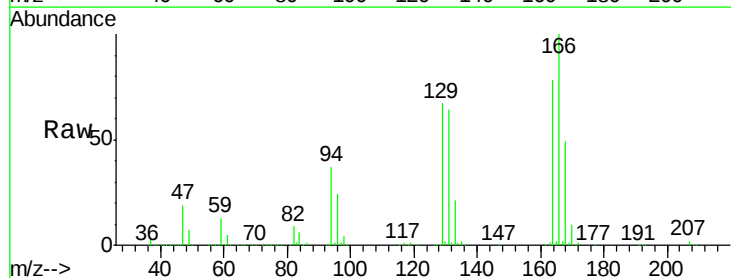


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

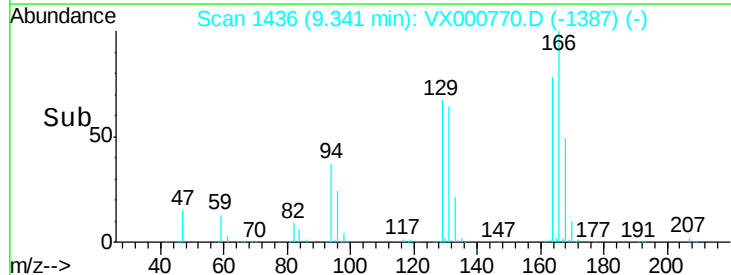
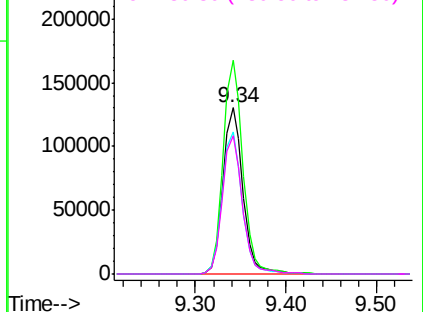


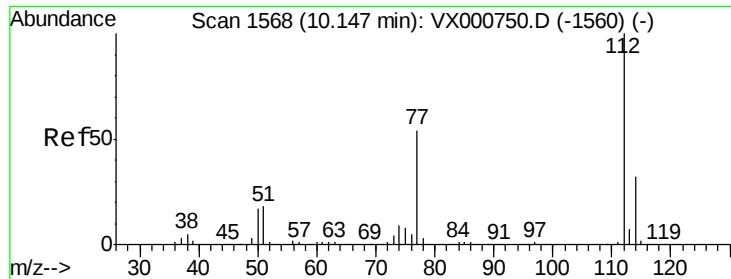
#64
Tetrachloroethene
Concen: 51.80 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion:164 Resp: 199903
Ion Ratio Lower Upper
164 100
166 128.6 102.8 154.2
129 85.7 68.5 102.7
131 83.0 66.6 100.0



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





#65

Chlorobenzene

Concen: 51.17 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

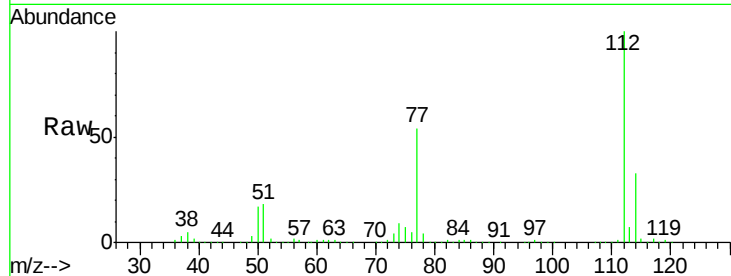
ClientSampleId :

Tot Ion:112 Resp: 508103

Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

400000

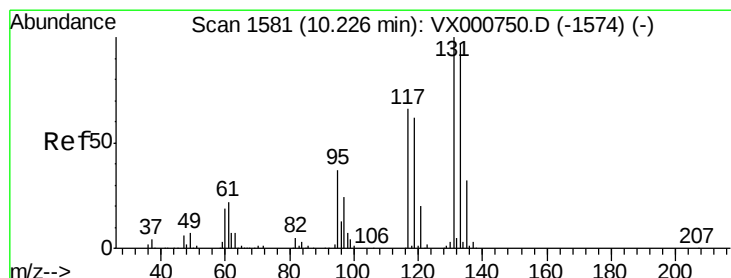
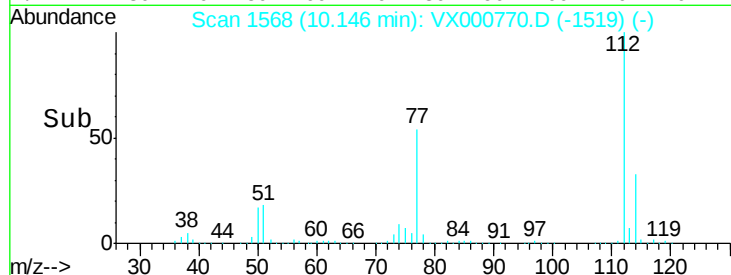
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 52.03 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

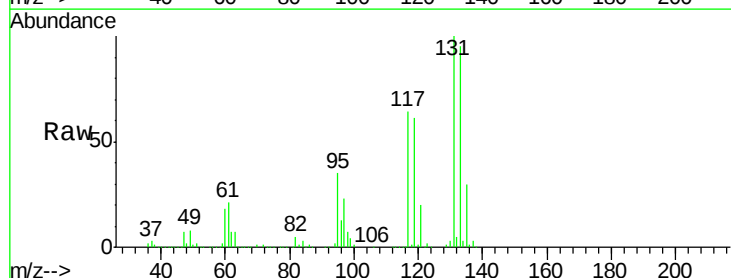
Tgt Ion:131 Resp: 194457

Ion Ratio Lower Upper

131 100

133 95.6 48.3 144.9

119 62.2 31.4 94.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

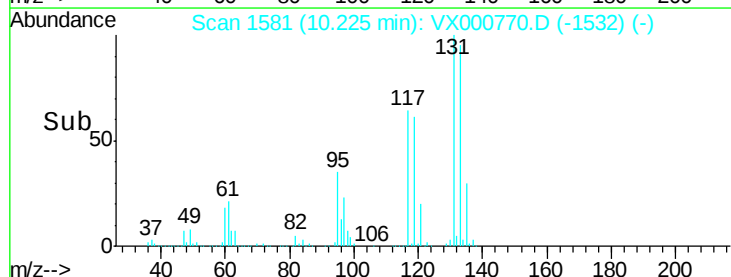
150000

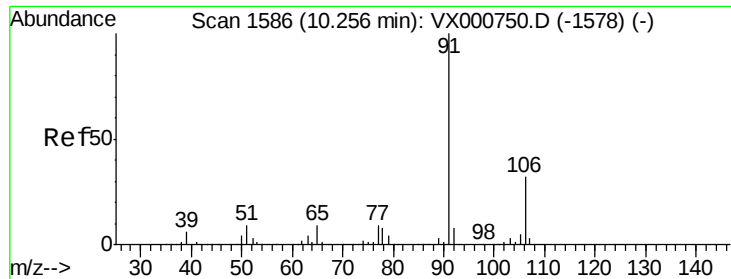
100000

50000

0

Time--> 10.20 10.30

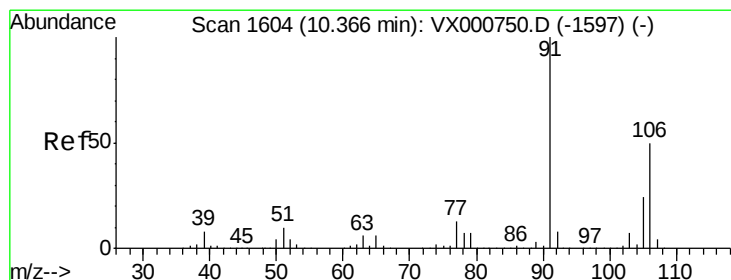
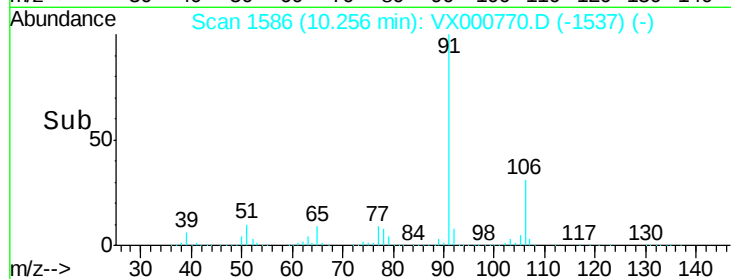
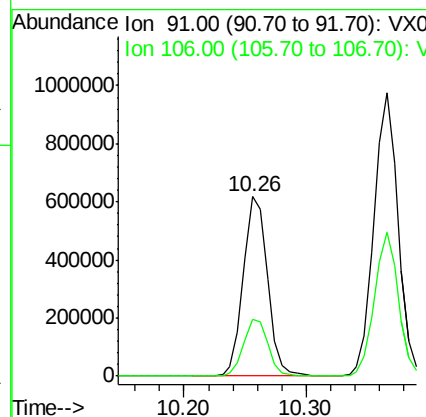
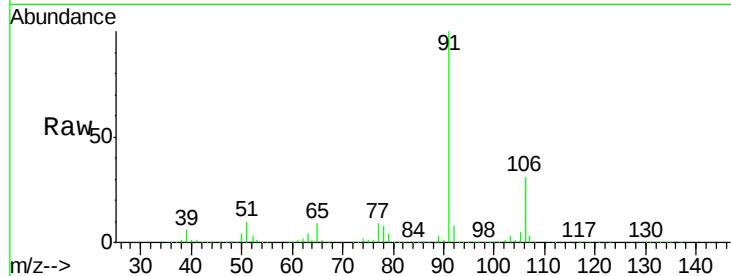




#67
Ethyl Benzene
Concen: 51.41 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

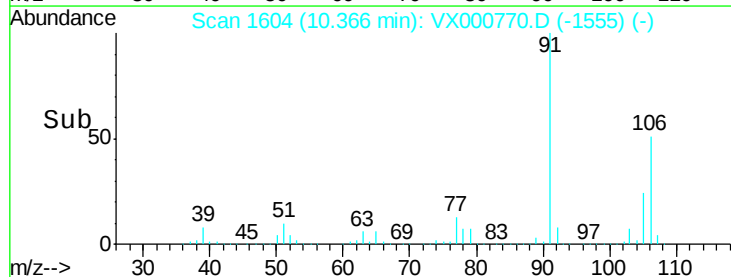
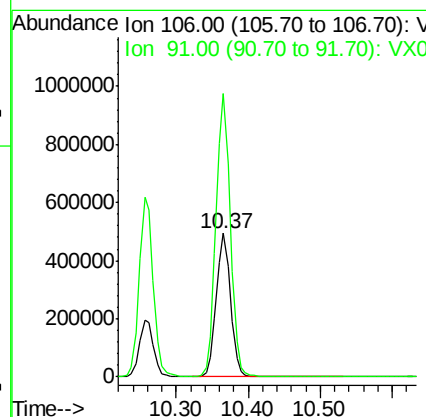
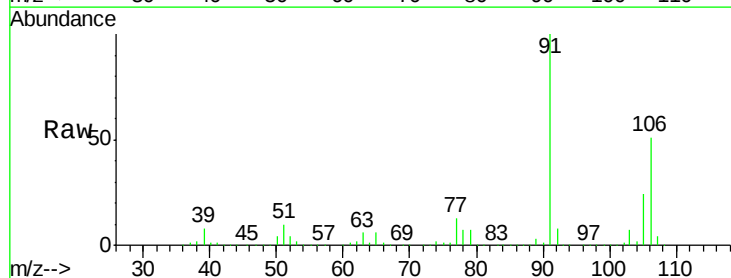
Instrument :
MSVOA_X
ClientSampleId :

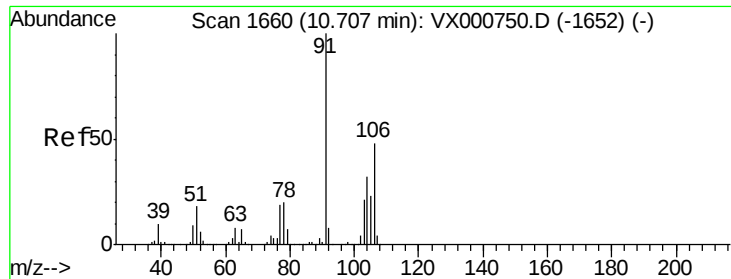
Tot Ion: 91 Resp: 851154
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#68
m/p-Xylenes
Concen: 103.26 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 106 Resp: 674707
Ion Ratio Lower Upper
106 100
91 199.0 159.3 238.9

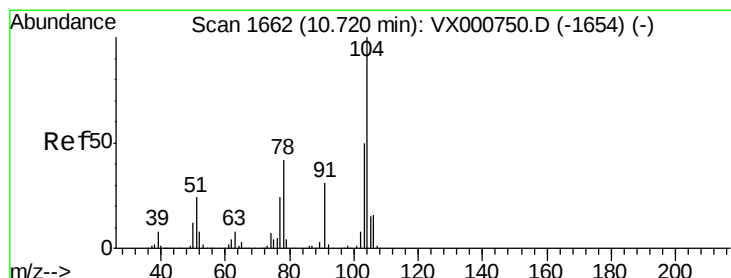
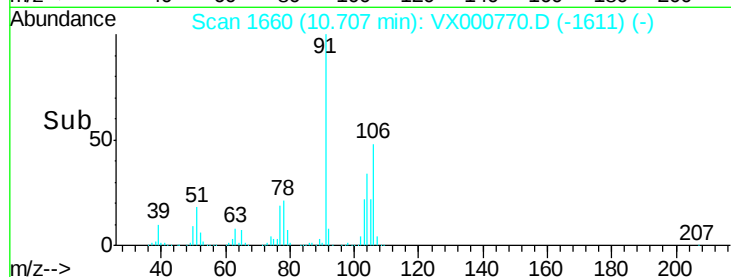
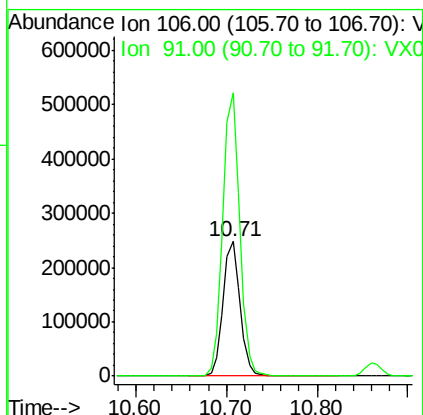
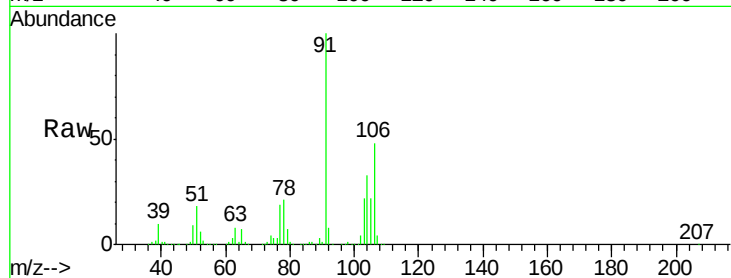




#69
o-Xylene
Concen: 51.58 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

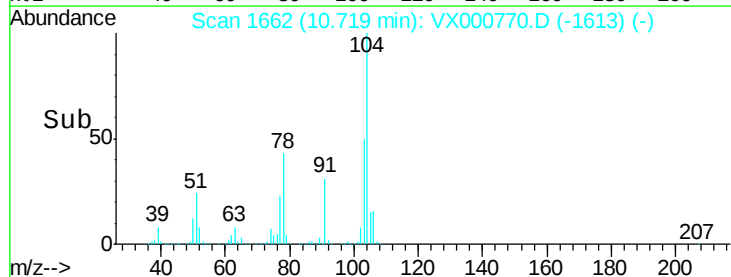
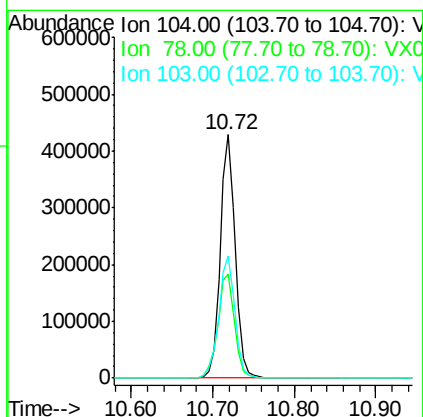
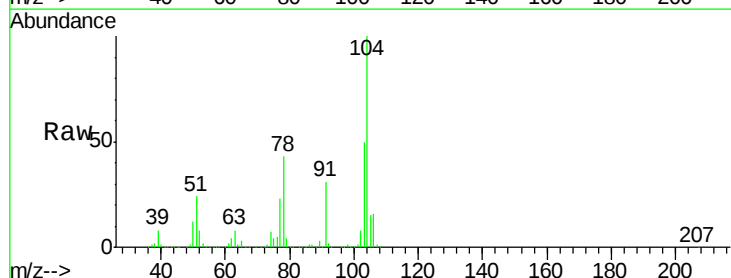
Instrument :
MSVOA_X
ClientSampled :

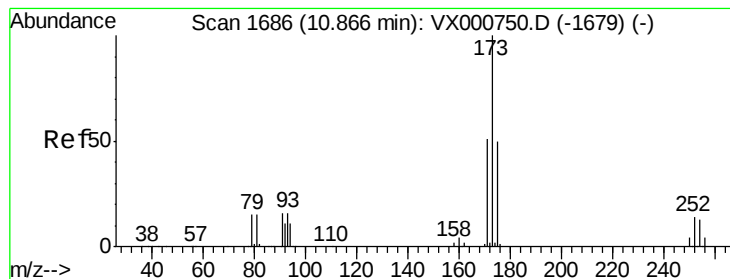
Tot Ion:106 Resp: 324842
Ion Ratio Lower Upper
106 100
91 210.1 105.0 315.0



#70
Styrene
Concen: 51.84 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion:104 Resp: 550443
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 54.9 44.1 66.1





#71

Bromoform

Concen: 52.37 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

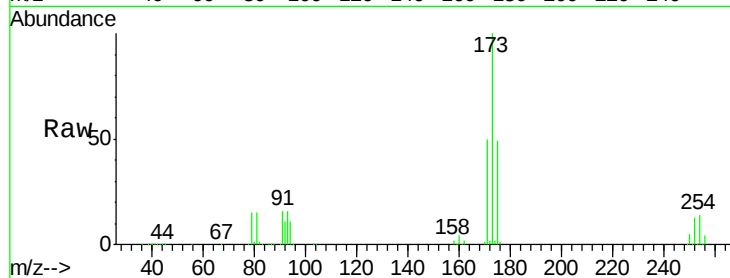
Tot Ion:173 Resp: 181224

Ion Ratio Lower Upper

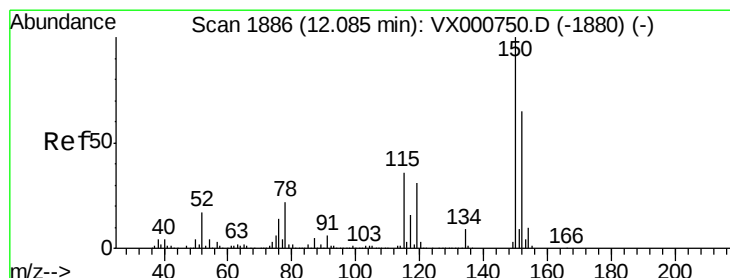
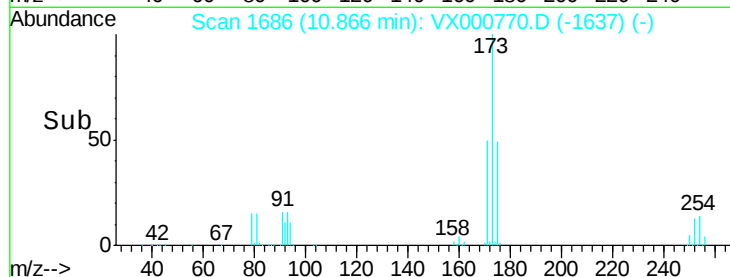
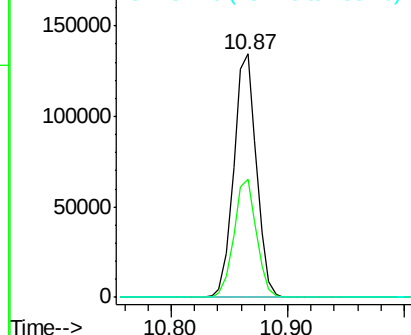
173 100

175 48.5 24.5 73.5

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

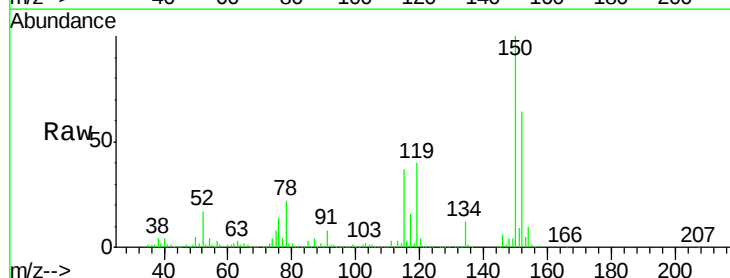
Tgt Ion:152 Resp: 271361

Ion Ratio Lower Upper

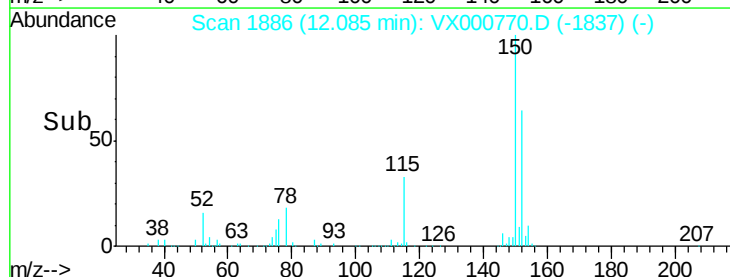
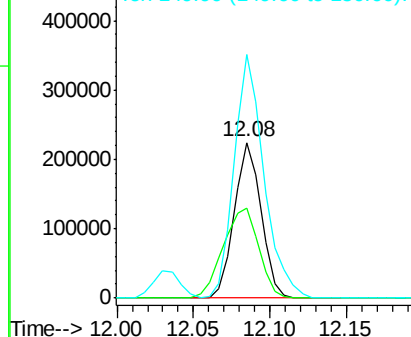
152 100

115 76.8 37.9 113.7

150 175.0 0.0 348.0



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

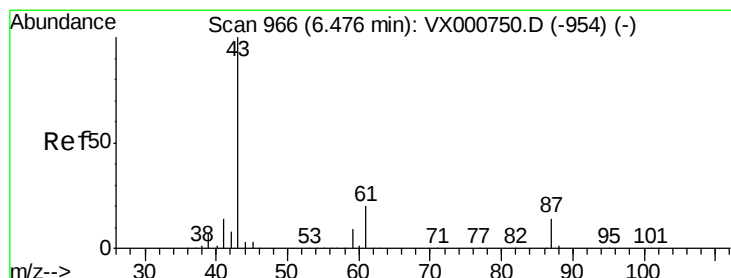
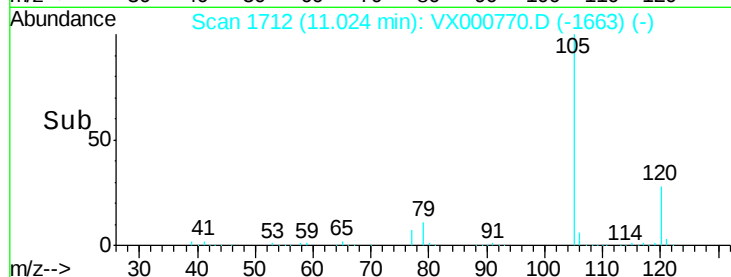
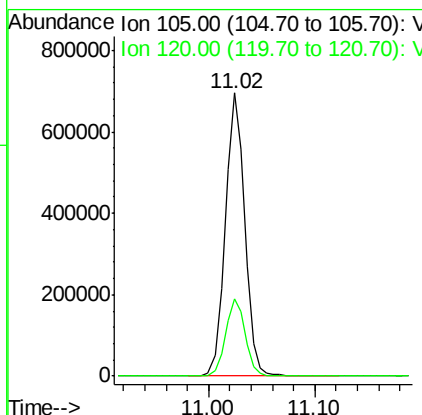
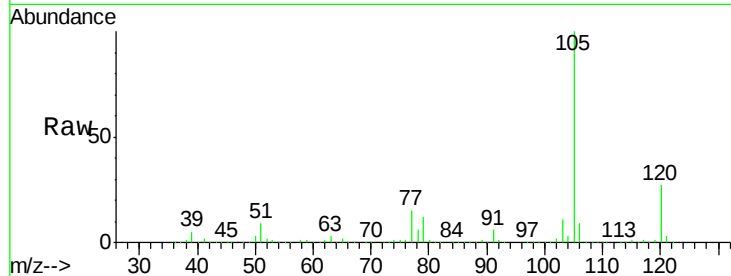




#73
Isopropylbenzene
Concen: 51.58 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

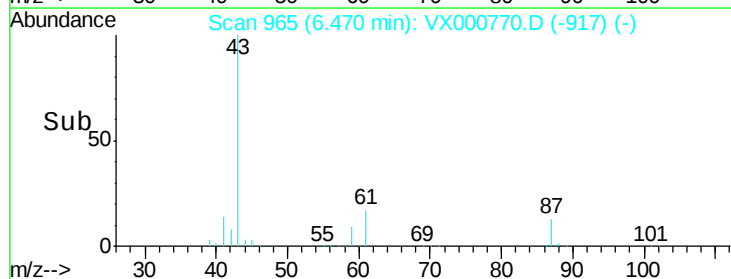
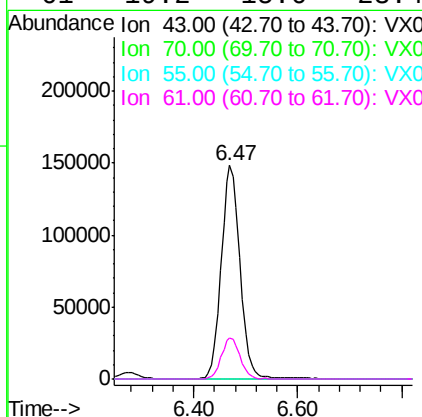
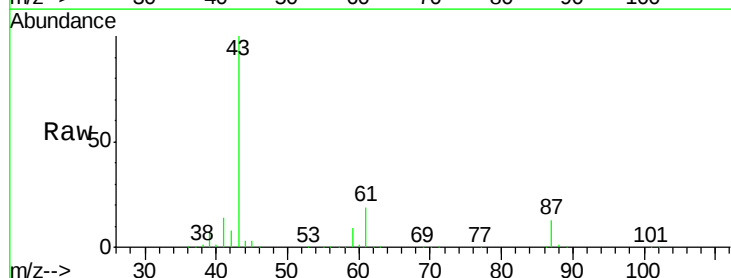
Instrument :
MSVOA_X
ClientSampleId :

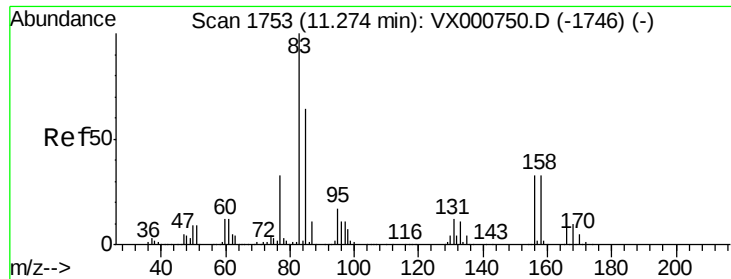
Tot Ion:105 Resp: 887947
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0



#74
N-ethyl acetate
Concen: 48.53 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 43 Resp: 376244
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.0 0.0 0.0#
61 19.2 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

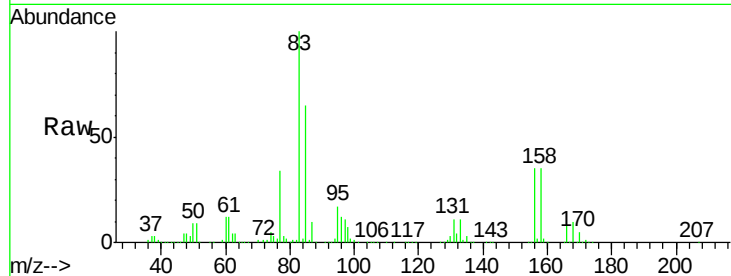
Tot Ion: 83 Resp: 244522

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

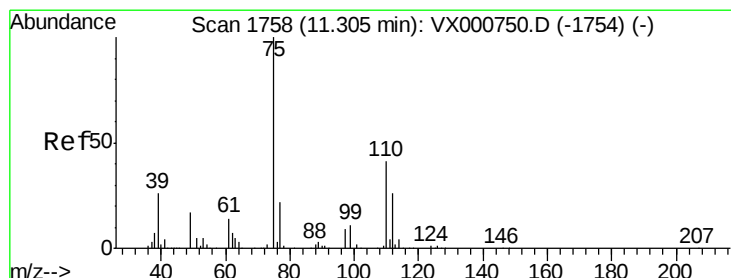
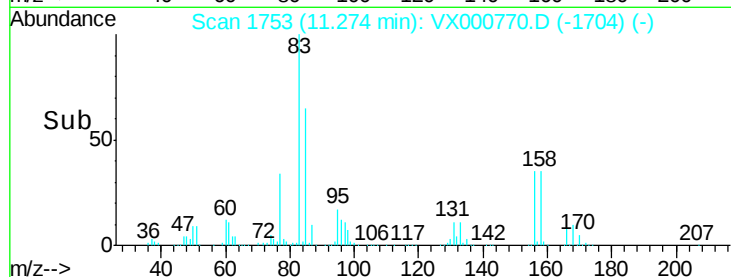
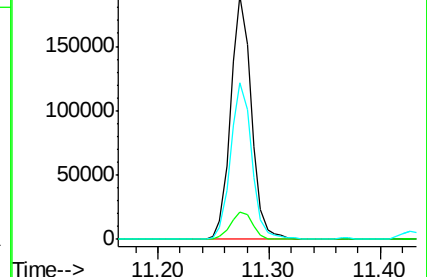
85 65.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.12 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000770.D

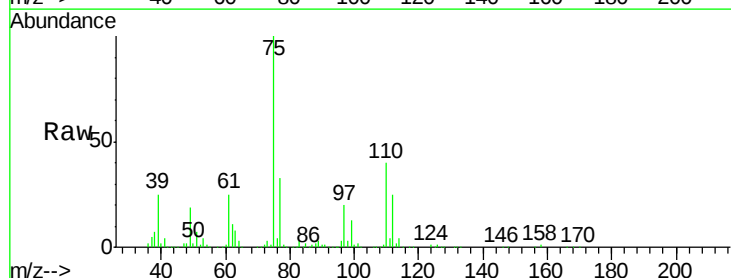
Acq: 11 Apr 2018 11:15

Tgt Ion: 75 Resp: 295380

Ion Ratio Lower Upper

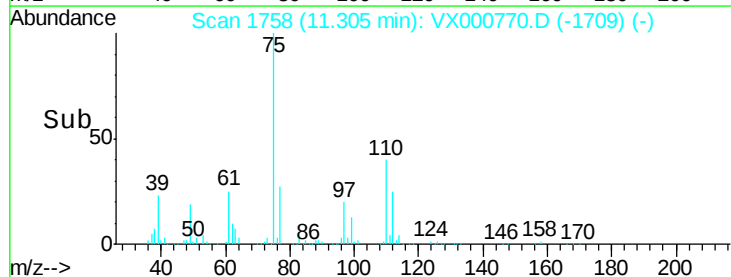
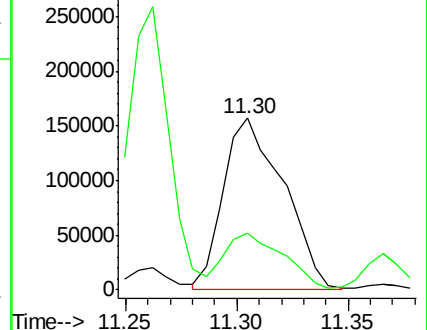
75 100

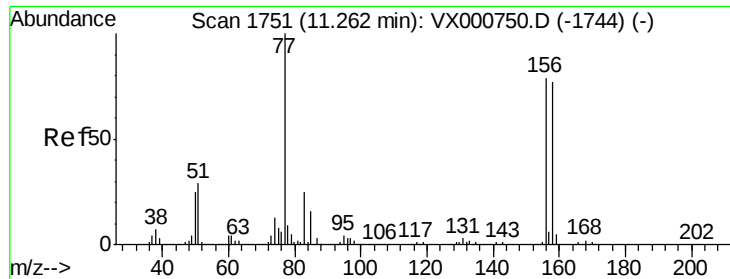
77 32.2 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.45 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

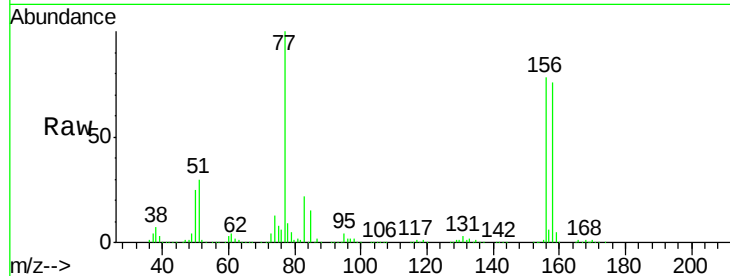
Tot Ion:156 Resp: 254516

Ion Ratio Lower Upper

156 100

77 132.0 66.0 198.2

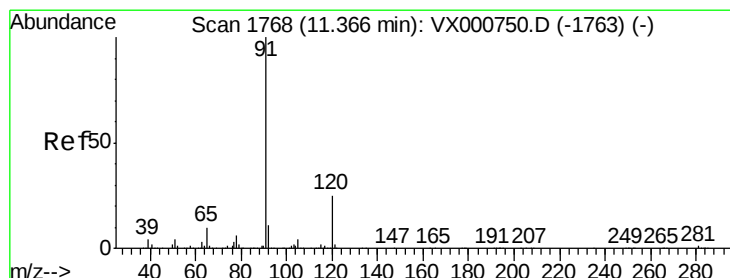
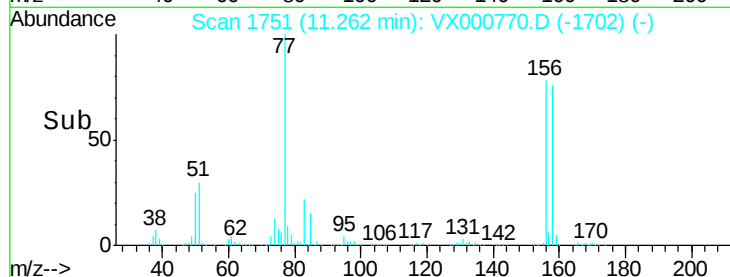
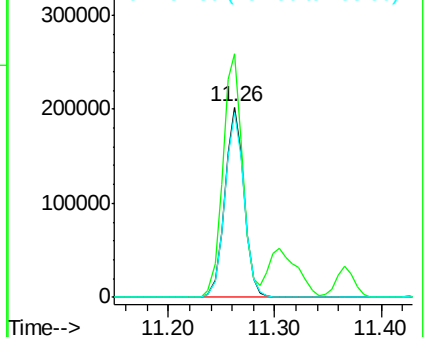
158 97.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.69 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000770.D

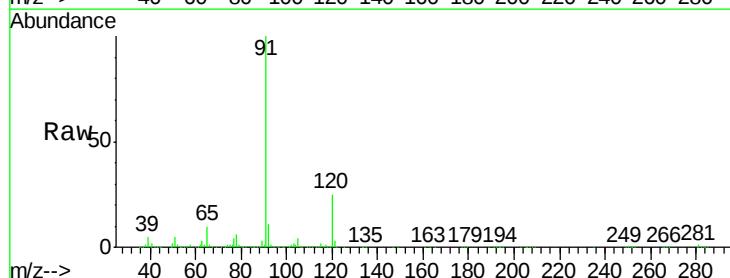
Acq: 11 Apr 2018 11:15

Tgt Ion: 91 Resp: 1017928

Ion Ratio Lower Upper

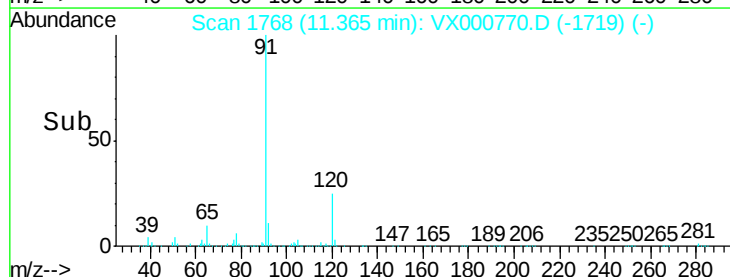
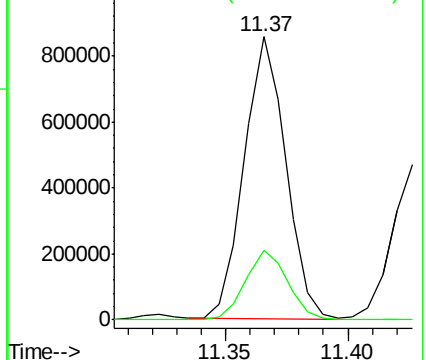
91 100

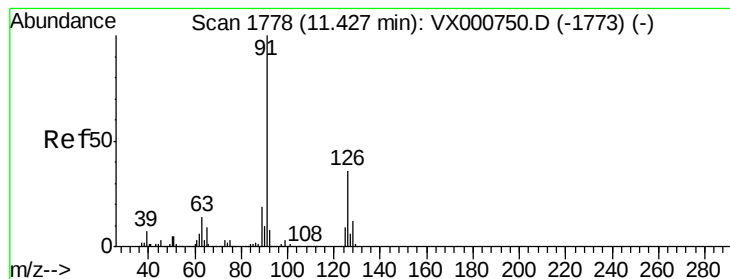
120 25.1 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

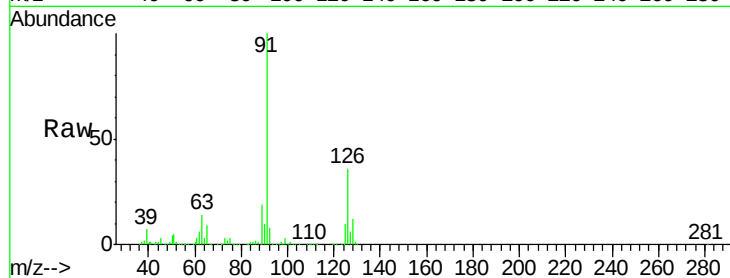
ClientSampleId :

Tot Ion: 91 Resp: 586035

Ion Ratio Lower Upper

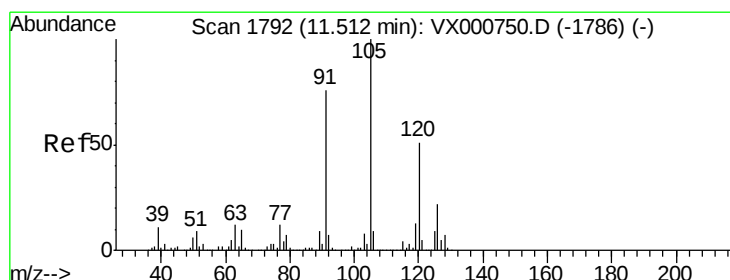
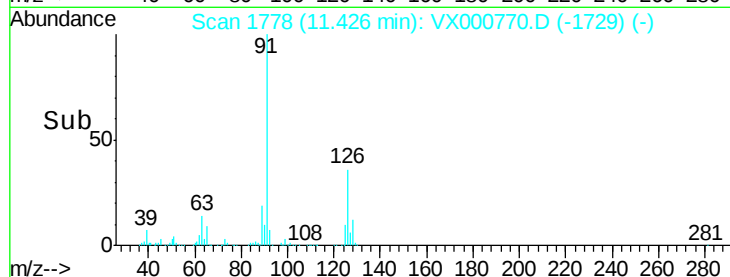
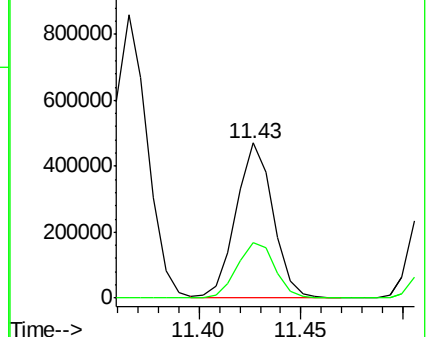
91 100

126 37.3 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000770.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX000770.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000770.D

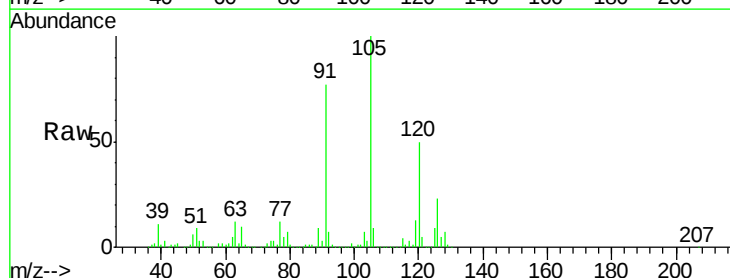
Acq: 11 Apr 2018 11:15

Tgt Ion: 105 Resp: 761884

Ion Ratio Lower Upper

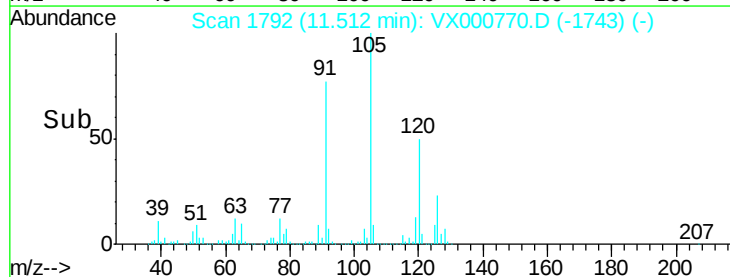
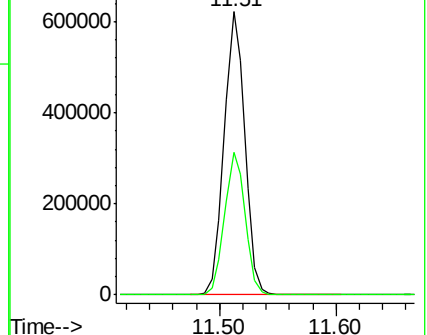
105 100

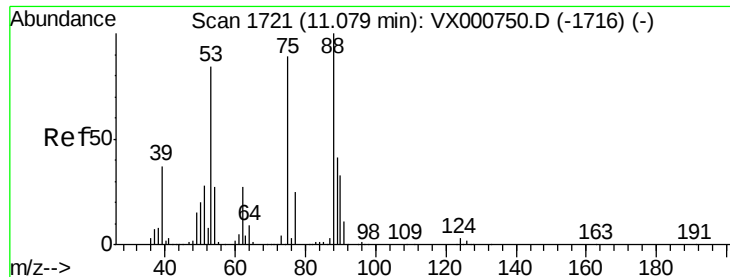
120 50.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000770.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX000770.D (-1743) (-)

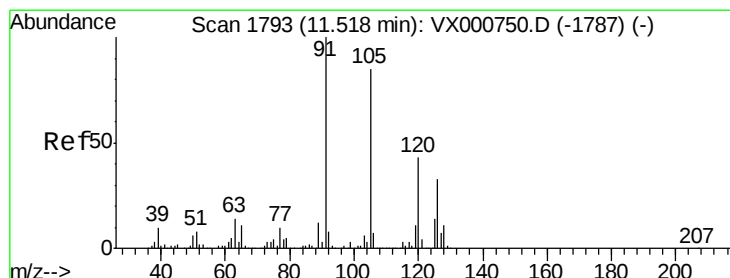
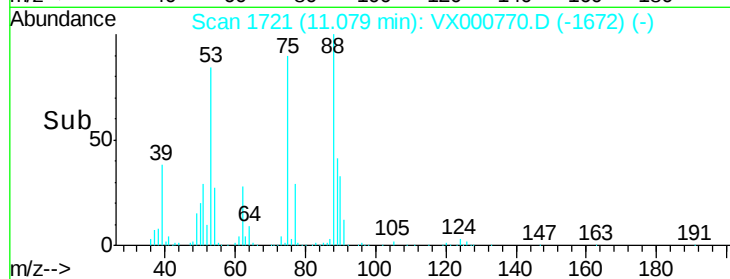
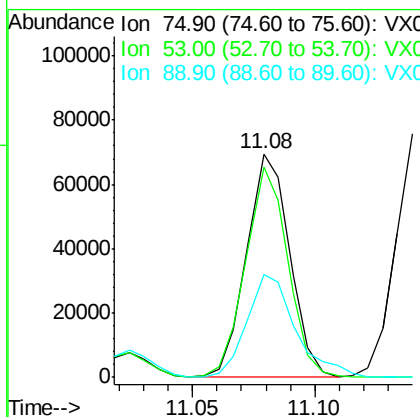
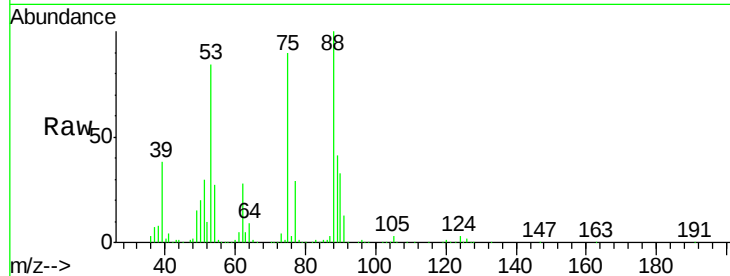




#81
trans-1,4-Dichloro-2-butene
Concen: 50.09 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

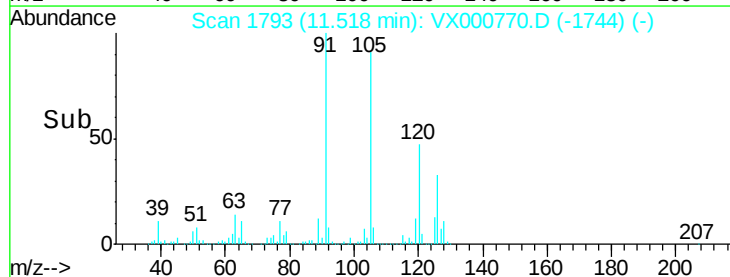
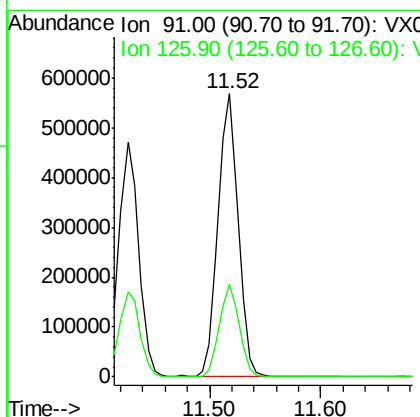
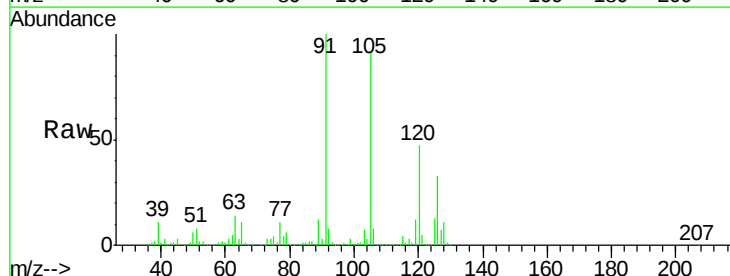
Instrument :
MSVOA_X
ClientSampled :

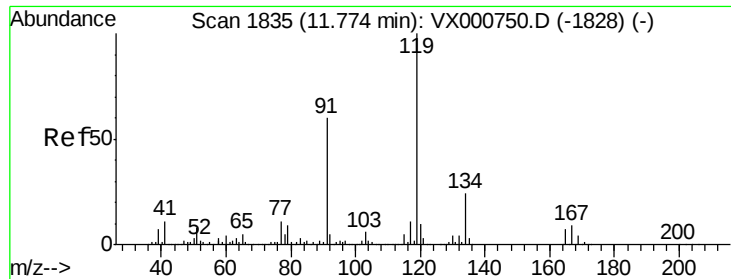
Tot Ion: 75 Resp: 85219
Ion Ratio Lower Upper
75 100
53 93.0 75.4 113.0
89 52.3 40.9 61.3



#82
4-Chlorotoluene
Concen: 50.98 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 91 Resp: 716103
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.6

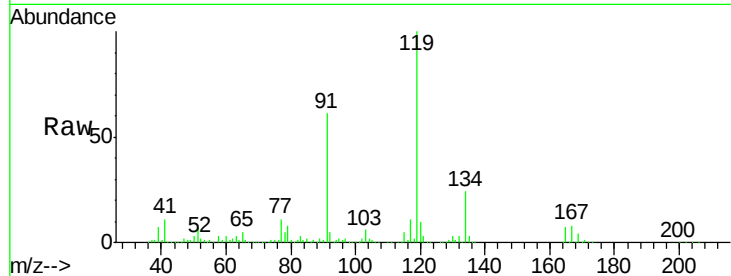




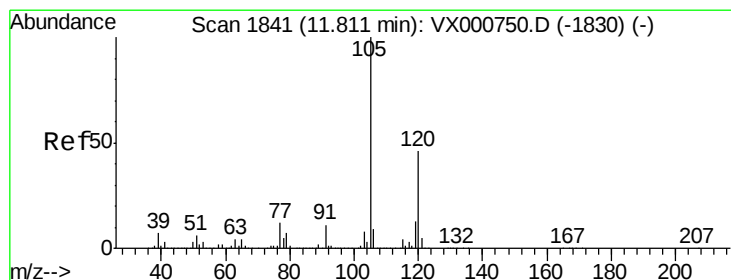
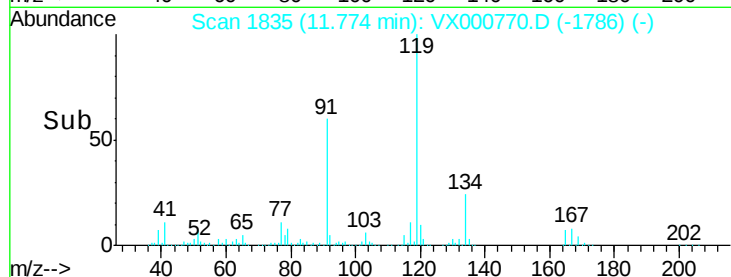
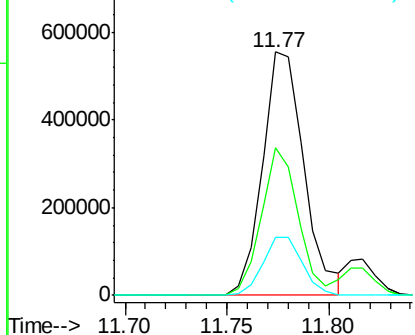
#83
 tert-Butylbenzene
 Concen: 51.97 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:119 Resp: 787100
 Ion Ratio Lower Upper
 119 100
 91 53.8 26.8 80.3
 134 22.9 11.5 34.4

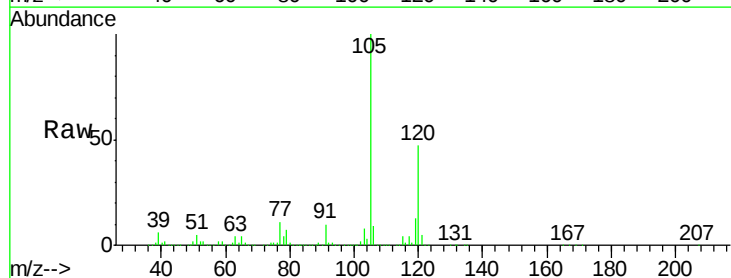


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX
 Ion 134.00 (133.70 to 134.70): V

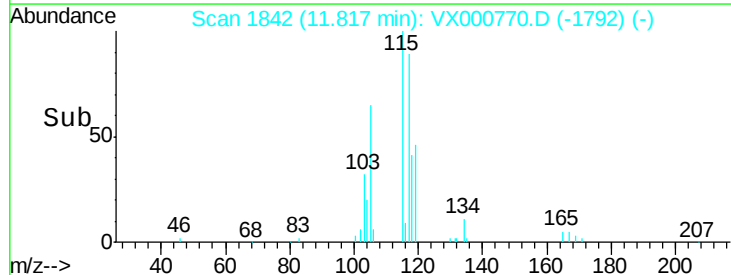
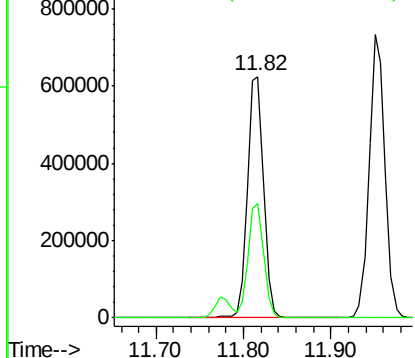


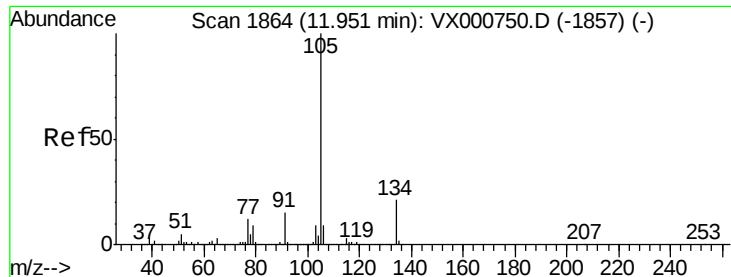
#84
 1,2,4-Trimethylbenzene
 Concen: 51.32 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion:105 Resp: 784387
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.1 69.3



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





#85

sec-Butylbenzene

Concen: 51.90 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

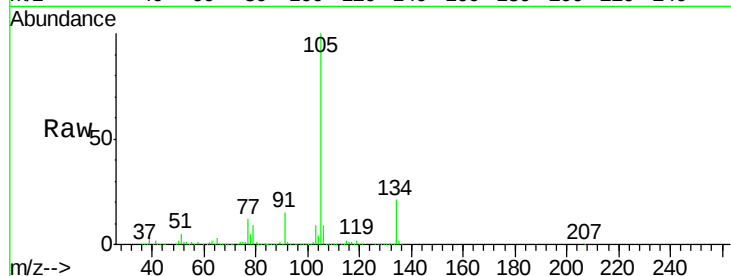
ClientSampleId :

Tot Ion:105 Resp: 927370

Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

800000

600000

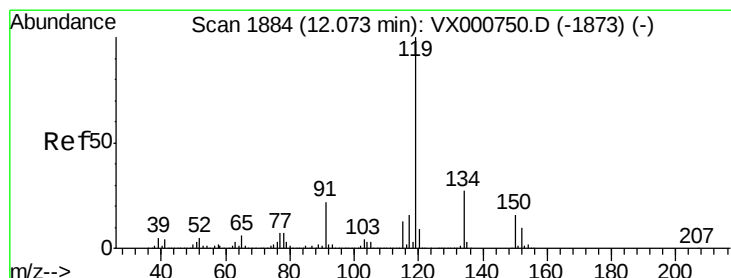
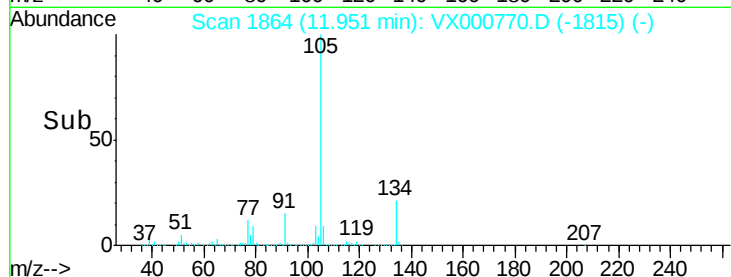
400000

200000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 52.36 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

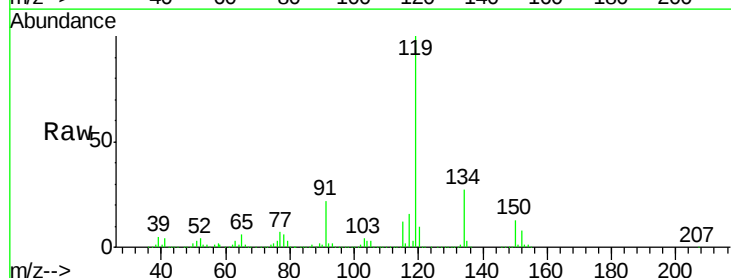
Tgt Ion:119 Resp: 872384

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 22.2 11.2 33.5



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

12.07

1000000

800000

600000

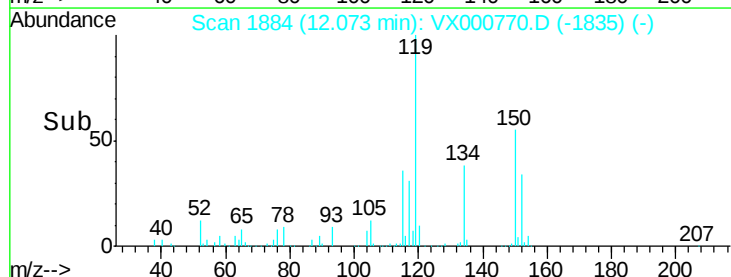
400000

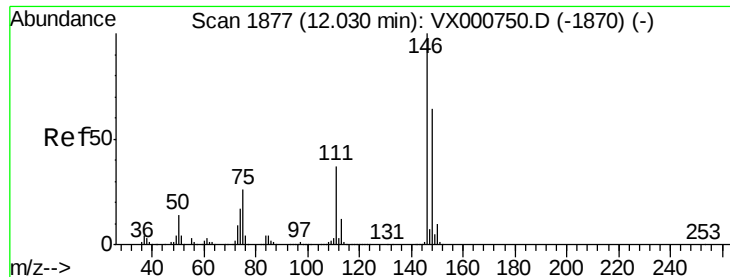
200000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 50.76 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampled :

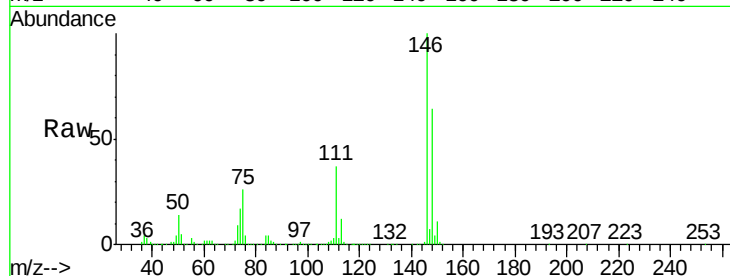
Tot Ion:146 Resp: 474014

Ion Ratio Lower Upper

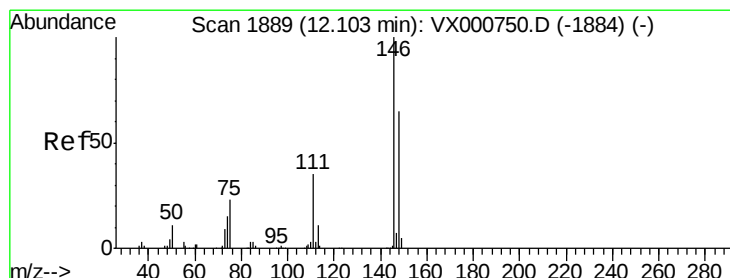
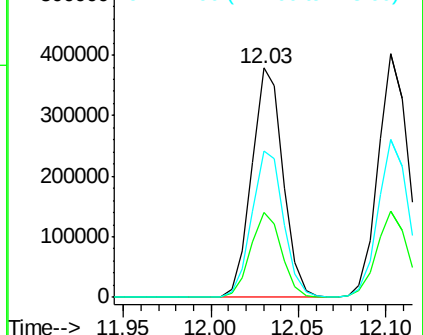
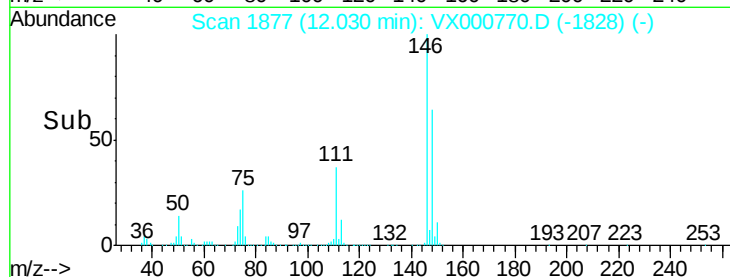
146 100

111 36.7 18.3 54.8

148 64.8 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 50.51 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

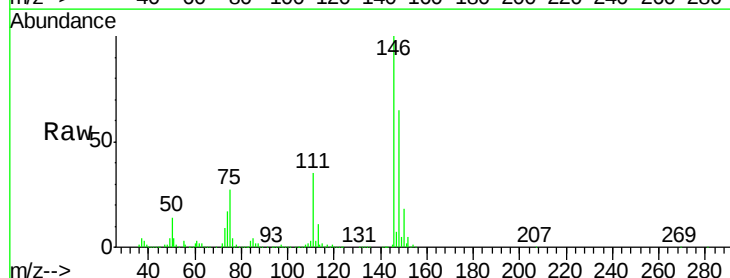
Tgt Ion:146 Resp: 483358

Ion Ratio Lower Upper

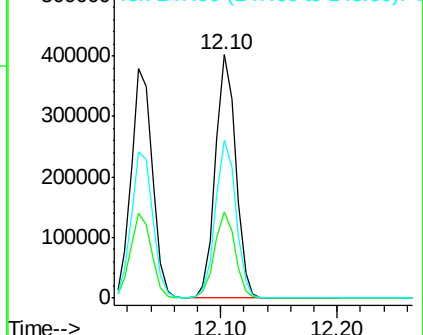
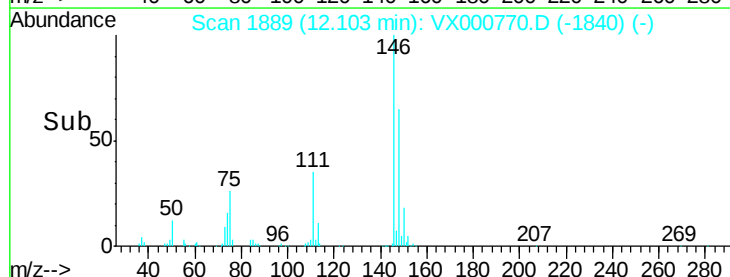
146 100

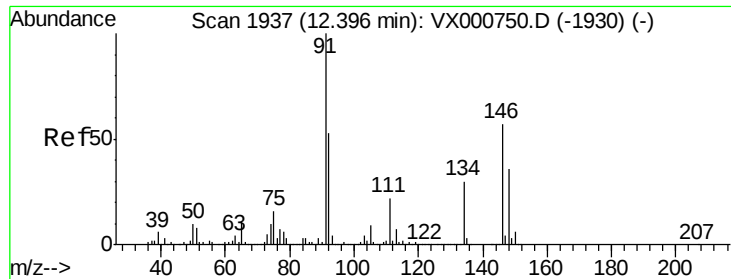
111 35.7 17.9 53.8

148 64.9 32.6 97.7



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

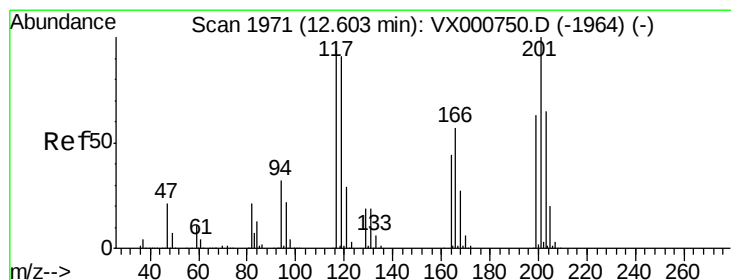
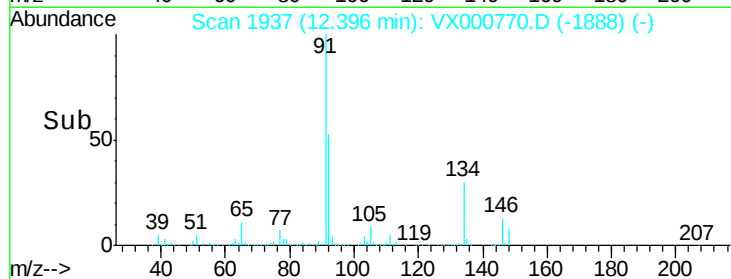
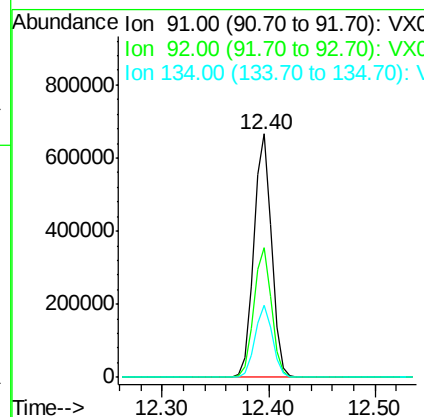
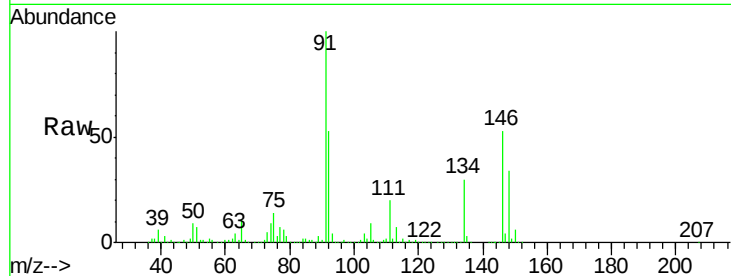




#89
n-Butylbenzene
Concen: 52.76 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

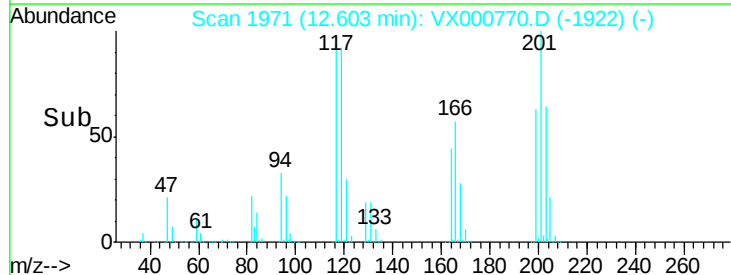
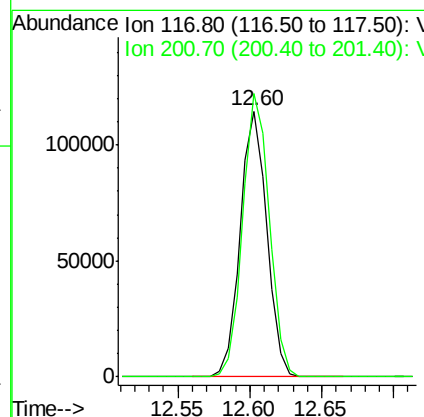
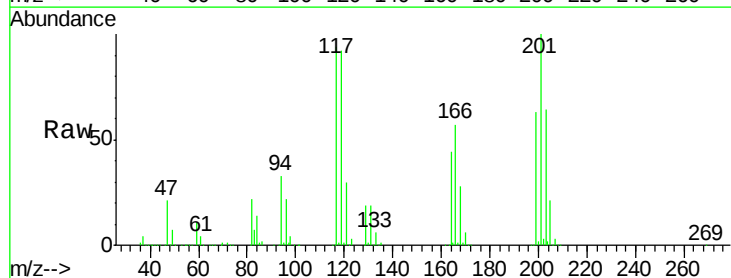
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 775947
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 29.1 14.5 43.5



#90
Hexachloroethane
Concen: 52.40 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000770.D
Acq: 11 Apr 2018 11:15

Tgt Ion: 117 Resp: 147756
Ion Ratio Lower Upper
117 100
201 106.2 52.9 158.7

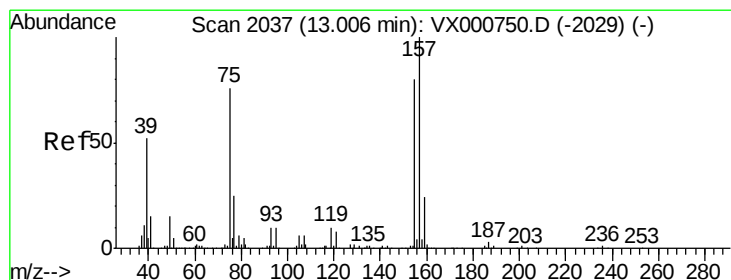
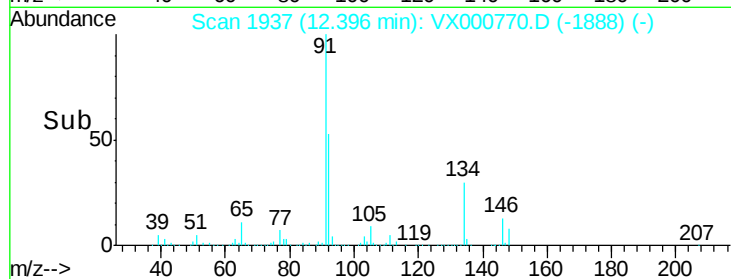
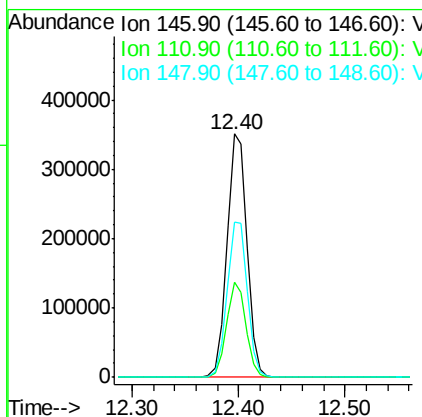
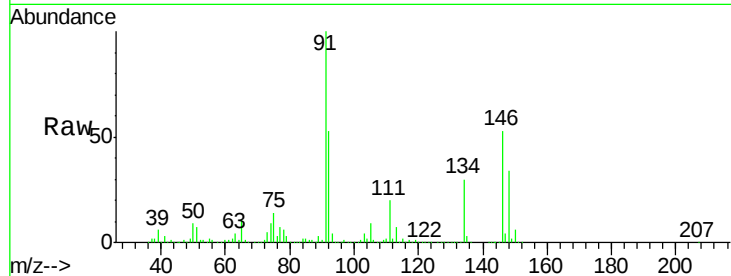




#91
 1,2-Dichlorobenzene
 Concen: 50.96 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

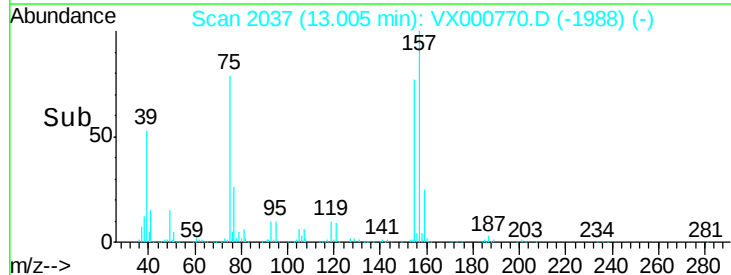
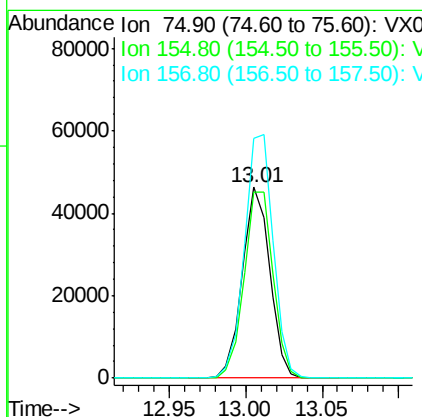
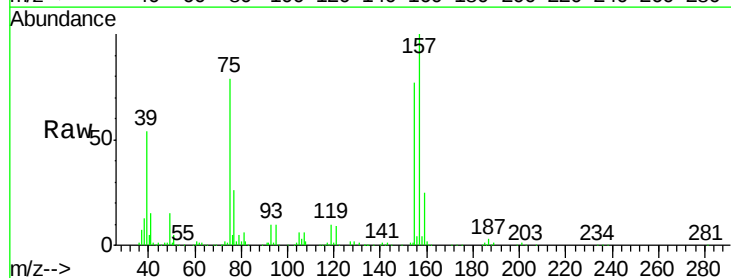
Instrument :
 MSVOA_X
 ClientSampleId :

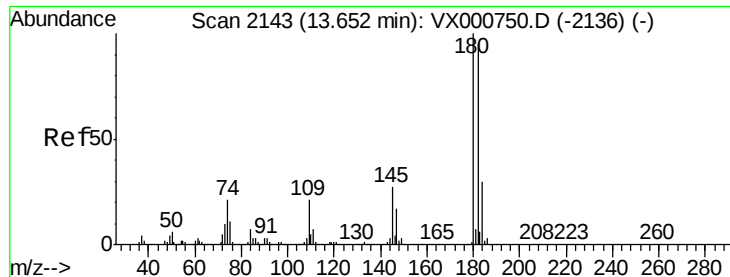
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.8	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.25 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000770.D
 Acq: 11 Apr 2018 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.7	51.9	155.8
157	133.1	66.6	199.8





#93

1,2,4-Trichlorobenzene

Concen: 51.64 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

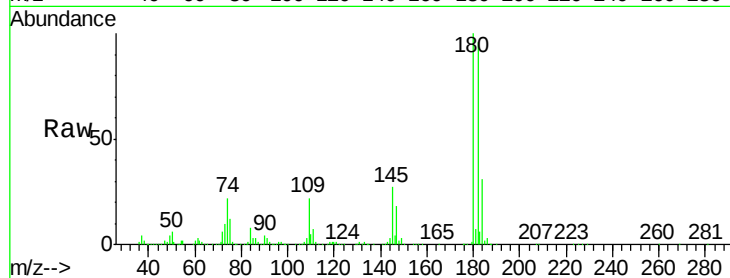
Tot Ion:180 Resp: 397225

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

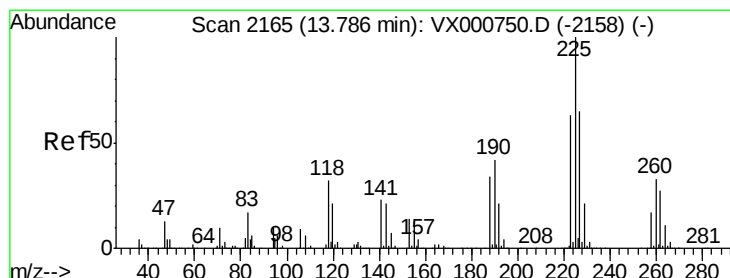
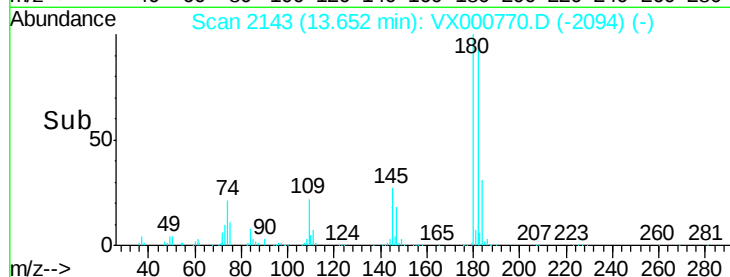
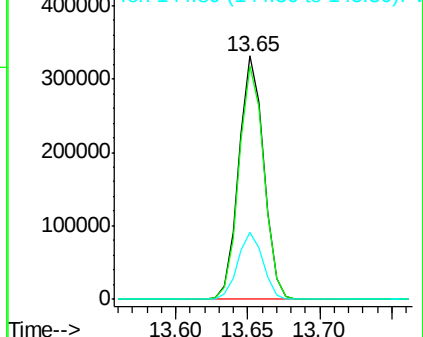
145 27.7 13.8 41.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 53.57 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

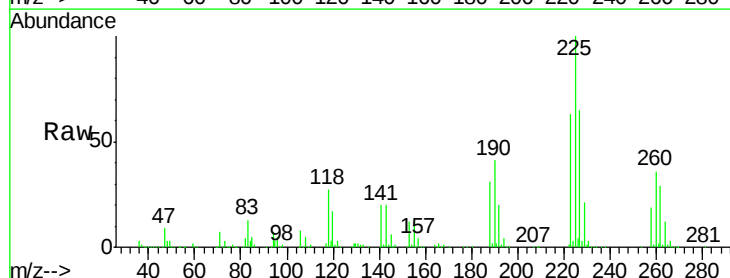
Tgt Ion:225 Resp: 202642

Ion Ratio Lower Upper

225 100

223 62.9 31.2 93.6

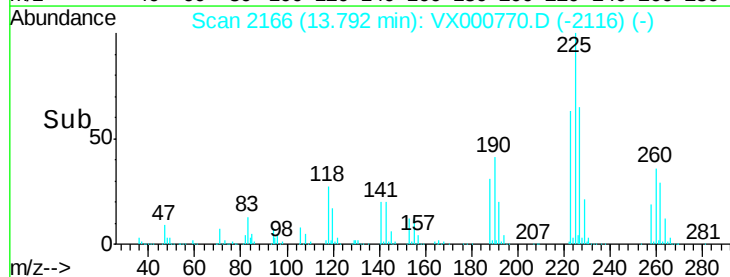
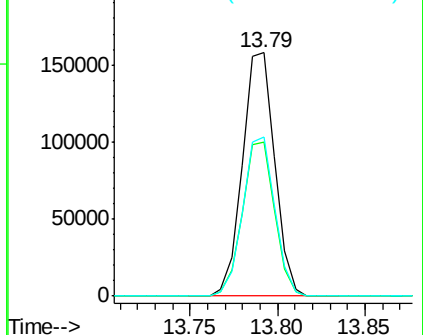
227 64.5 32.3 96.9

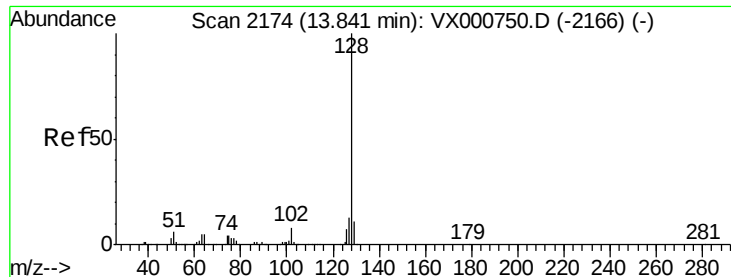


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

Instrument :

MSVOA_X

ClientSampleId :

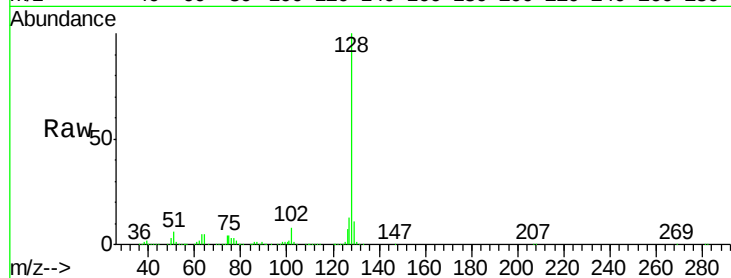
Tot Ion:128 Resp: 988739

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

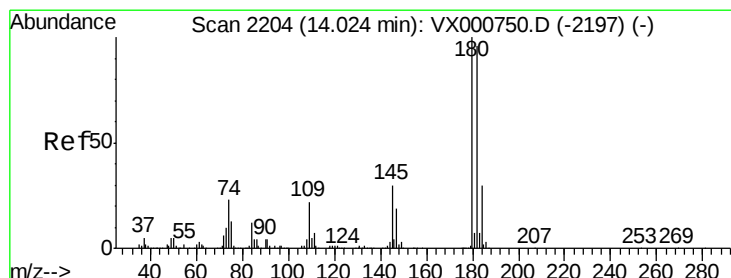
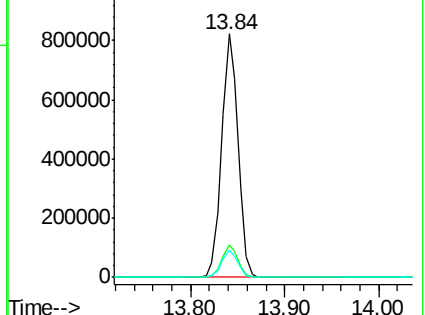
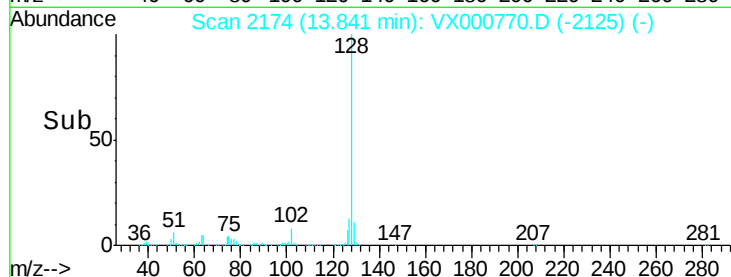
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.67 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000770.D

Acq: 11 Apr 2018 11:15

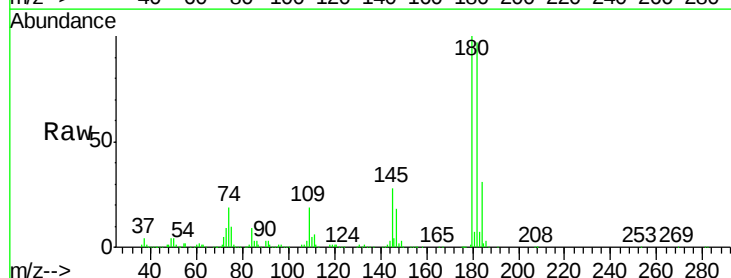
Tgt Ion:180 Resp: 386053

Ion Ratio Lower Upper

180 100

182 96.0 48.4 145.2

145 28.8 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

