

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002213.D
 Acq On : 01 Jun 2018 12:01
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 15:28:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198213	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	199015	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
35) Dibromofluoromethane	5.51	113	151005	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	8.72	98	595321	54.25	ug/l	0.00
Spiked Amount			Recovery	=	108.50%	
62) 4-Bromofluorobenzene	11.14	95	228189	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109293	39.868	ug/l	98
3) Chloromethane	1.32	50	143365	42.977	ug/l	99
4) Vinyl Chloride	1.41	62	153807	47.752	ug/l	100
5) Bromomethane	1.64	94	89582	60.627	ug/l	98
6) Chloroethane	1.72	64	100494	52.926	ug/l	100
7) Trichlorofluoromethane	1.93	101	255974	52.919	ug/l	99
8) Diethyl Ether	2.19	74	96368	54.910	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145203	53.796	ug/l	97
10) Methyl Iodide	2.51	142	188428	51.594	ug/l	97
11) Tert butyl alcohol	3.08	59	198942	261.516	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131288	51.952	ug/l	95
13) Acrolein	2.30	56	65235	198.336	ug/l	100
14) Allyl chloride	2.73	41	282642	53.282	ug/l	97
15) Acrylonitrile	3.15	53	432546	276.504	ug/l	100
16) Acetone	2.45	43	447590	299.259	ug/l	99
17) Carbon Disulfide	2.57	76	306117	42.089	ug/l	99
18) Methyl Acetate	2.78	43	219918	61.294	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	516554	54.347	ug/l	99
20) Methylene Chloride	2.86	84	152198	59.074	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	140407	57.301	ug/l	98
22) Diisopropyl ether	3.88	45	506580	46.950	ug/l	99
23) Vinyl Acetate	3.83	43	2205723	246.559	ug/l	99
24) 1,1-Dichloroethane	3.70	63	285002	55.605	ug/l	99
25) 2-Butanone	4.71	43	606886	221.388	ug/l	99
26) 2,2-Dichloropropane	4.59	77	217381	41.902	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149885	45.485	ug/l	97
28) Bromochloromethane	5.03	49	130559	61.073	ug/l	98
29) Tetrahydrofuran	5.17	42	383936	215.269	ug/l	98
30) Chloroform	5.22	83	266386	46.132	ug/l	99
31) Cyclohexane	5.58	56	230707	43.203	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	235455	43.737	ug/l	99
36) 1,1-Dichloropropene	5.81	75	192848	45.739	ug/l	99
37) Ethyl Acetate	4.87	43	233045	42.397	ug/l	99
38) Carbon Tetrachloride	5.79	117	204614	41.617	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235585	45.481	ug/l	98
40) Benzene	6.15	78	578697	46.850	ug/l	99
41) Methacrylonitrile	5.07	41	133068	45.760	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228692	46.350	ug/l	99
43) Isopropyl Acetate	6.47	43	396773	43.322	ug/l	99
44) Trichloroethene	7.22	130	165199	45.895	ug/l	100
45) 1,2-Dichloropropane	7.52	63	158707	47.311	ug/l	100
46) Dibromomethane	7.67	93	103499	46.601	ug/l	99
47) Bromodichloromethane	7.90	83	194636	41.101	ug/l	99
48) Methyl methacrylate	7.78	41	205278	44.038	ug/l	98
49) 1,4-Dioxane	7.76	88	71949	875.898	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1285339	232.807	ug/l	99
52) Toluene	8.79	92	380745	48.435	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239395	43.892	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	226950	42.702	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156643	47.700	ug/l	98
56) Ethyl methacrylate	9.18	69	248681	44.026	ug/l	98
57) 1,3-Dichloropropane	9.38	76	258648	47.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	560573	223.910	ug/l	100
59) 2-Hexanone	9.50	43	996505	234.081	ug/l	100
60) Dibromochloromethane	9.59	129	160083	41.156	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164801	47.826	ug/l	99
64) Tetrachloroethene	9.34	164	186736	45.460	ug/l	99
65) Chlorobenzene	10.15	112	433150	47.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	160420	43.767	ug/l	100
67) Ethyl Benzene	10.26	91	755286	47.892	ug/l	99
68) m/p-Xylenes	10.37	106	584957	97.031	ug/l	99
69) o-Xylene	10.70	106	285848	47.488	ug/l	99
70) Styrene	10.71	104	476058	47.689	ug/l	100
71) Bromoform	10.86	173	126040	36.265	ug/l #	100
73) Isopropylbenzene	11.02	105	777546	46.324	ug/l	100
74) N-amyl acetate	6.47	43	396773	45.269	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231308	50.397	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	285063	59.875	ug/l	80
77) Bromobenzene	11.26	156	205396	46.123	ug/l	96
78) n-propylbenzene	11.37	91	883217	46.982	ug/l	100
79) 2-Chlorotoluene	11.43	91	523624	50.813	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	663009	46.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69782	35.227	ug/l	89
82) 4-Chlorotoluene	11.52	91	621367	46.864	ug/l	100
83) tert-Butylbenzene	11.77	119	646594	45.936	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	682228	46.024	ug/l	99
85) sec-Butylbenzene	11.95	105	795873	47.036	ug/l	100
86) p-Isopropyltoluene	12.07	119	716889	47.347	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	376434	47.200	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380469	47.717	ug/l	100
89) n-Butylbenzene	12.39	91	621339	48.430	ug/l	100
90) Hexachloroethane	12.60	117	109366	36.619	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385551	47.447	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54460	36.494	ug/l	99

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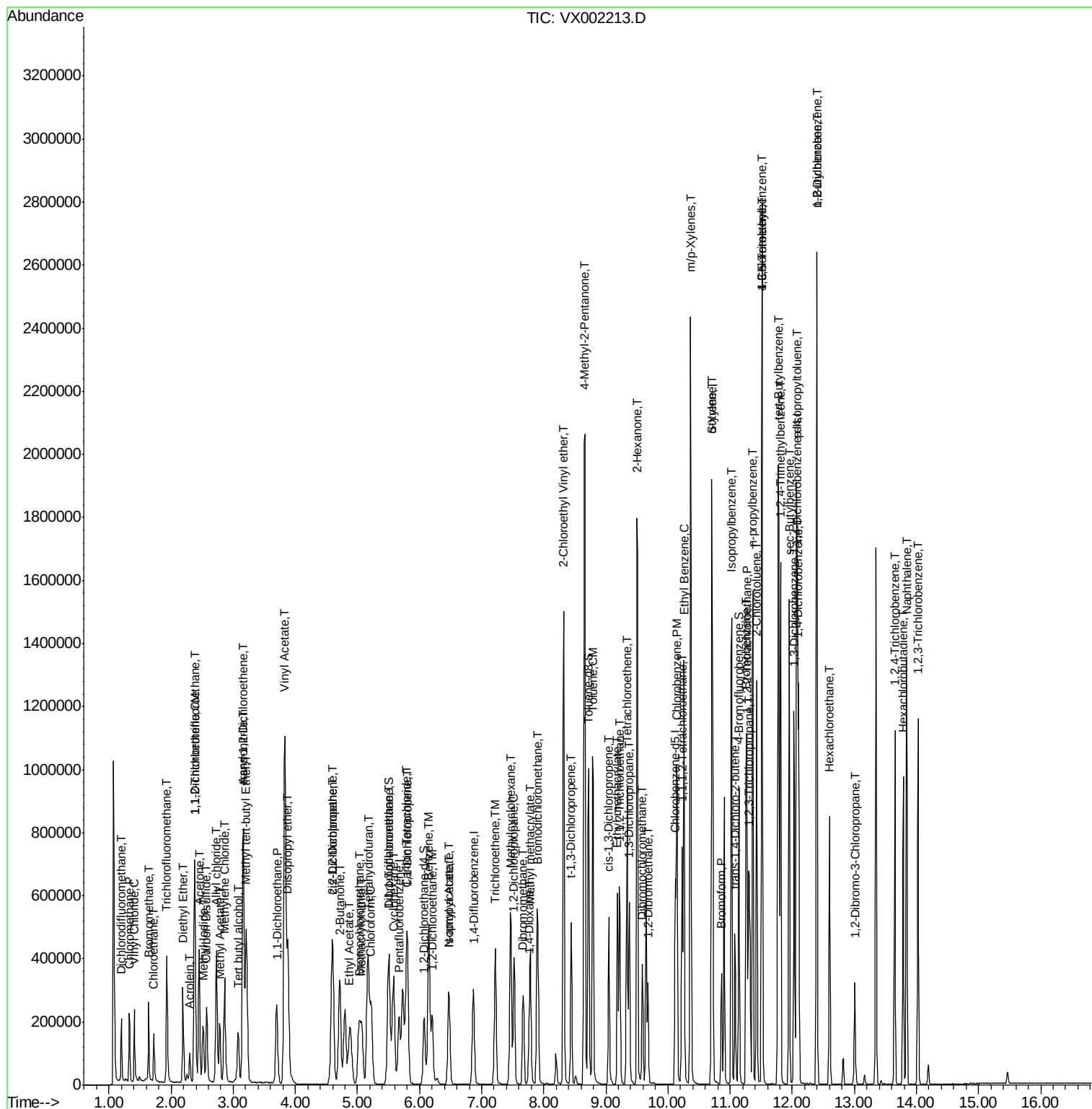
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277041	47.679	ug/l	99
94) Hexachlorobutadiene	13.79	225	146265	46.795	ug/l	99
95) Naphthalene	13.84	128	815974	45.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281643	46.844	ug/l	100

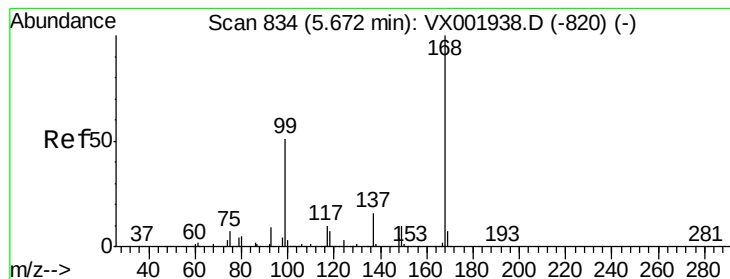
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

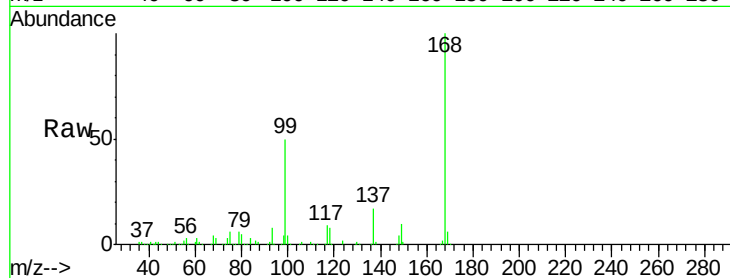
ClientSampled :

Tot Ion:168 Resp: 216809

Ion Ratio Lower Upper

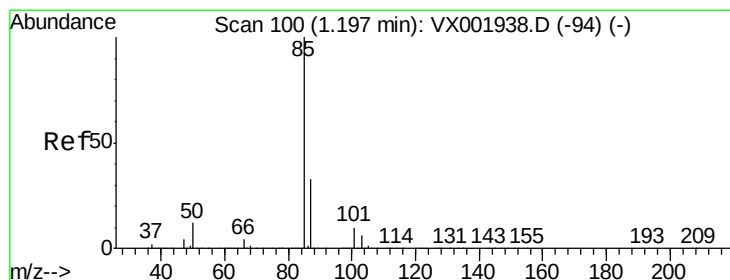
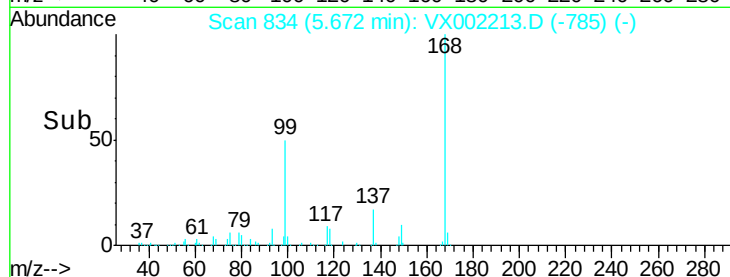
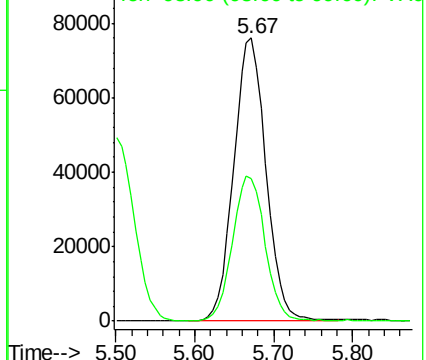
168 100

99 50.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.868 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002213.D

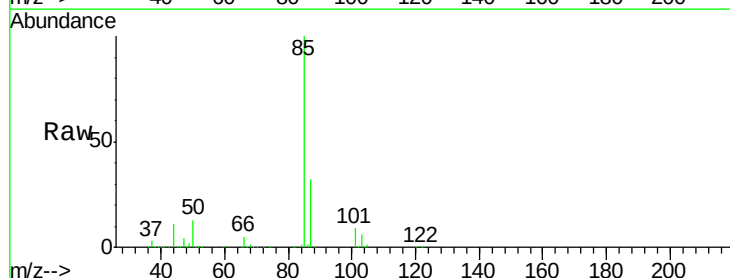
Acq: 01 Jun 2018 12:01

Tgt Ion: 85 Resp: 109293

Ion Ratio Lower Upper

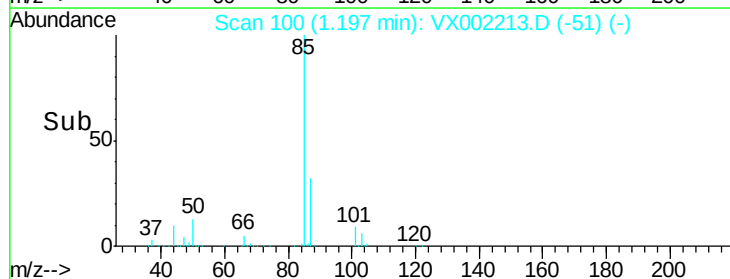
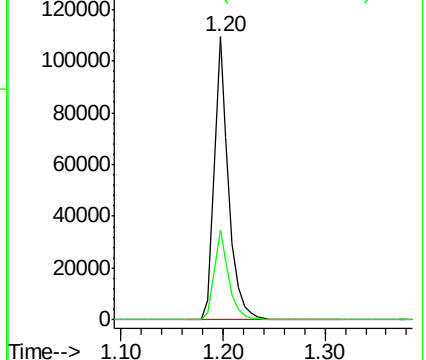
85 100

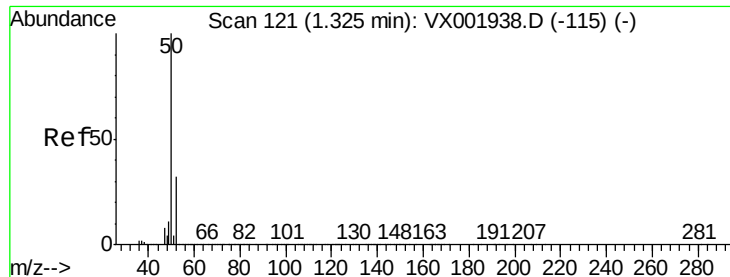
87 32.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.977 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

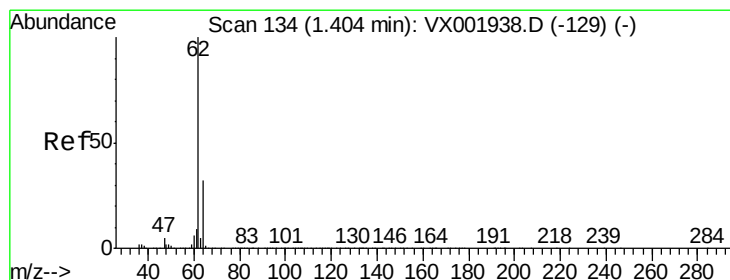
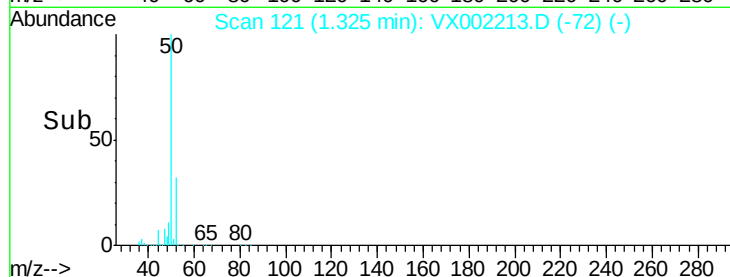
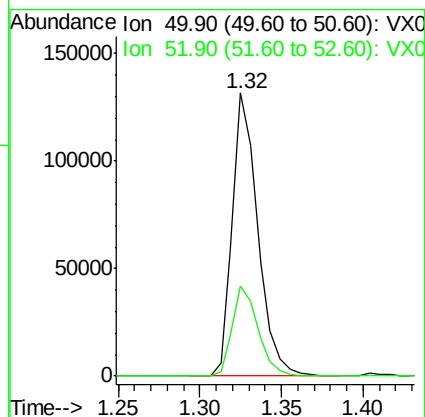
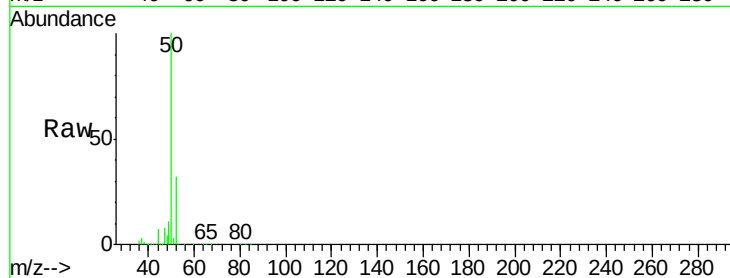
ClientSampleId :

Tot Ion: 50 Resp: 143365

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 47.752 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002213.D

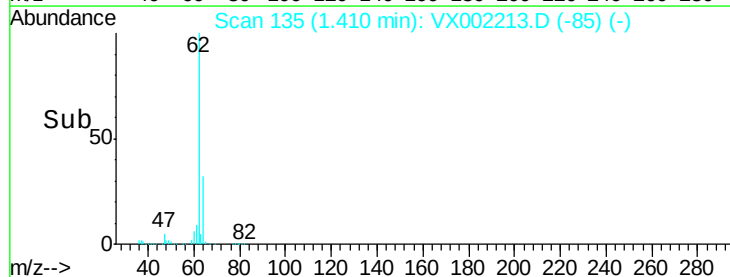
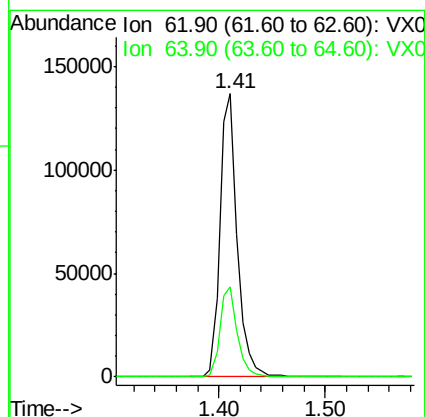
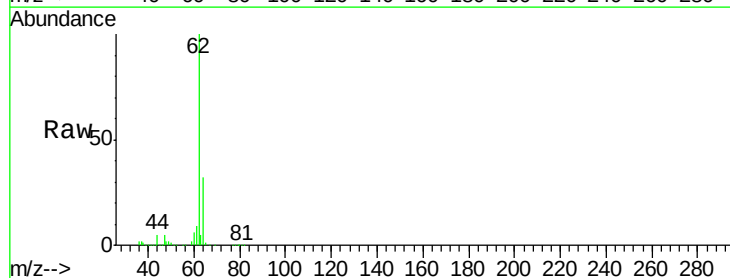
Acq: 01 Jun 2018 12:01

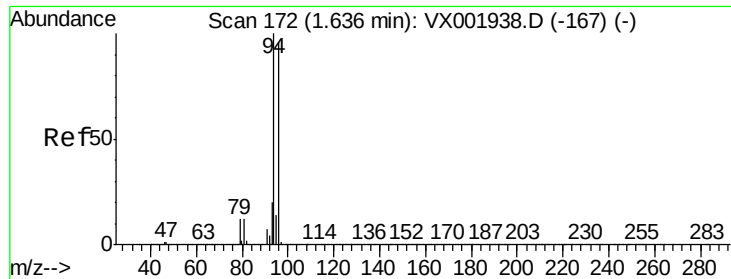
Tgt Ion: 62 Resp: 153807

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 60.627 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

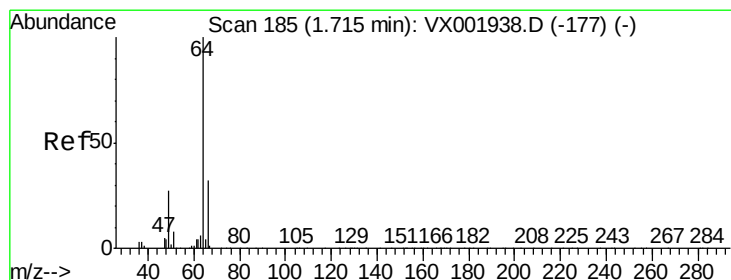
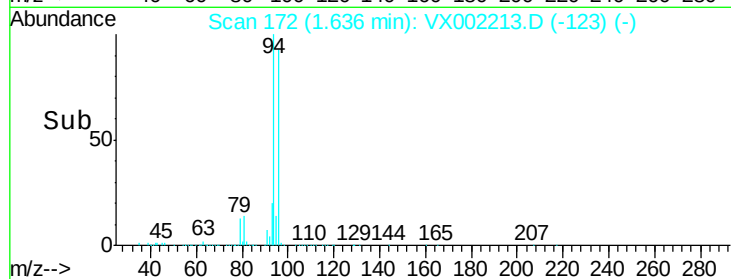
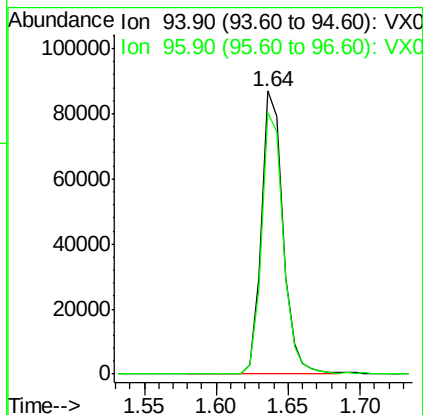
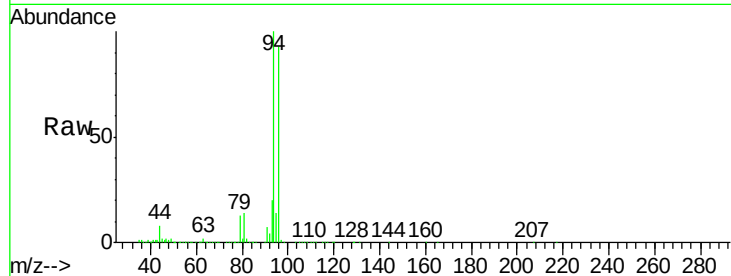
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 89582

Ion Ratio Lower Upper

94 100

96 92.5 75.9 113.9



#6

Chloroethane

Concen: 52.926 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002213.D

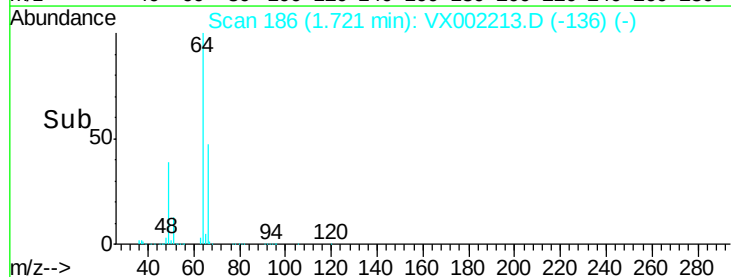
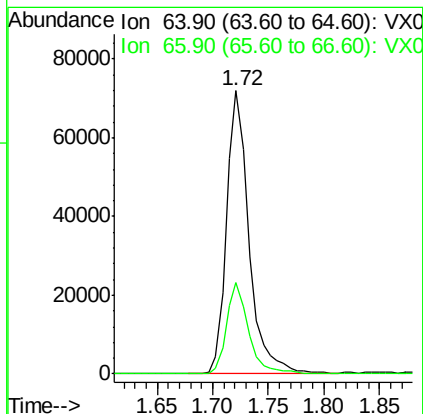
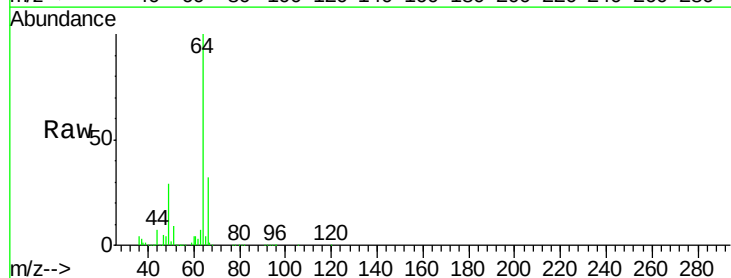
Acq: 01 Jun 2018 12:01

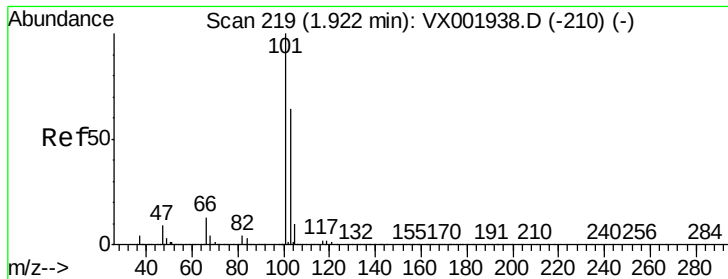
Tgt Ion: 64 Resp: 100494

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



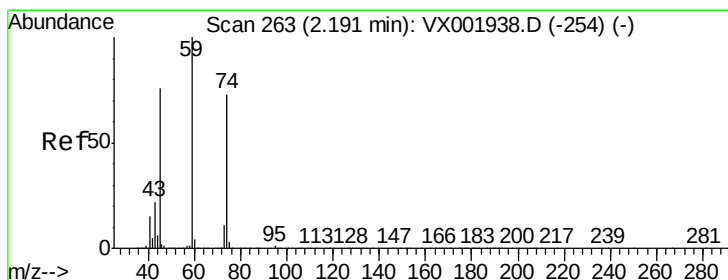
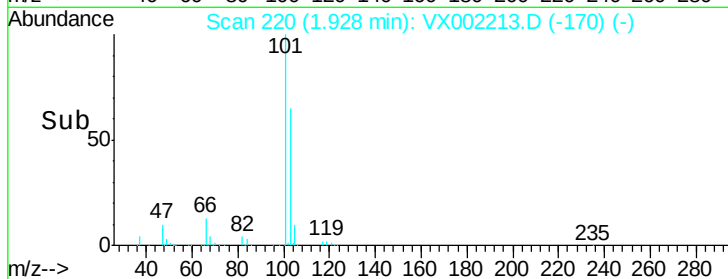
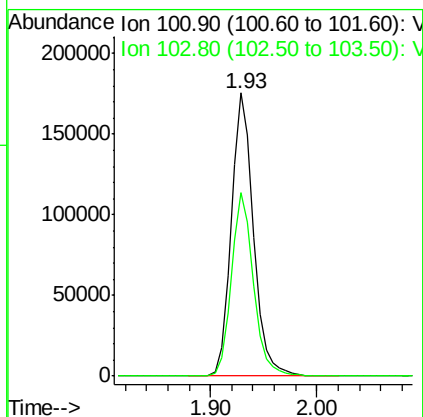
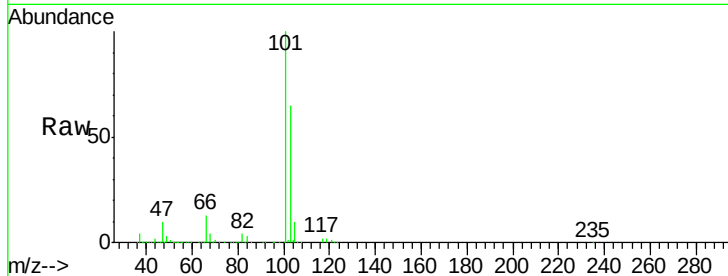


#7

Trichlorofluoromethane
Concen: 52.919 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampled :

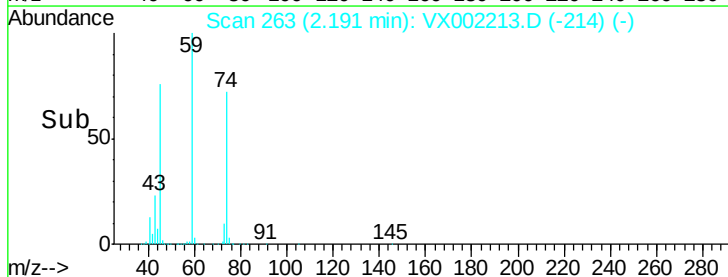
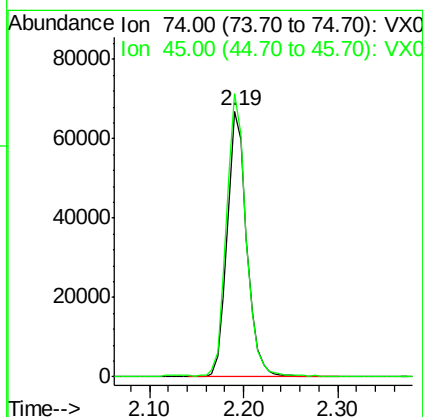
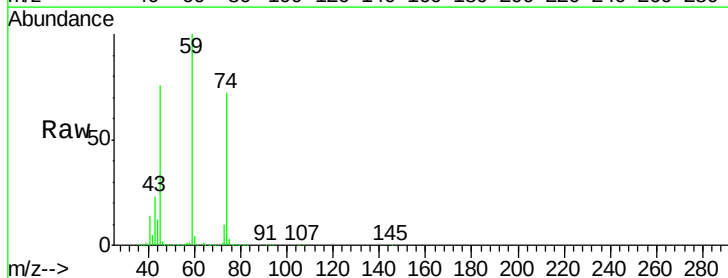
Tot Ion:101 Resp: 255974
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

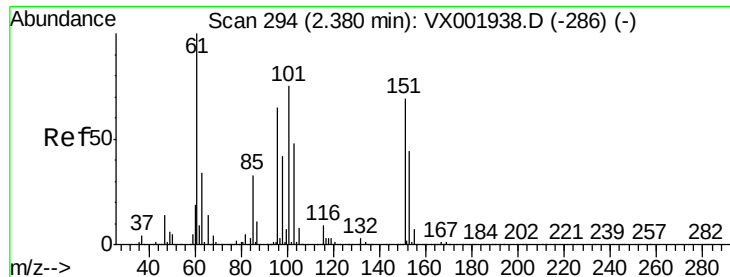


#8

Diethyl Ether
Concen: 54.910 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 74 Resp: 96368
Ion Ratio Lower Upper
74 100
45 106.5 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.796 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

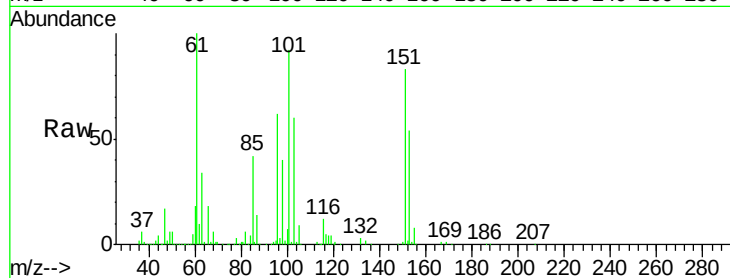
Tot Ion:101 Resp: 145203

Ion Ratio Lower Upper

101 100

85 45.3 35.6 53.4

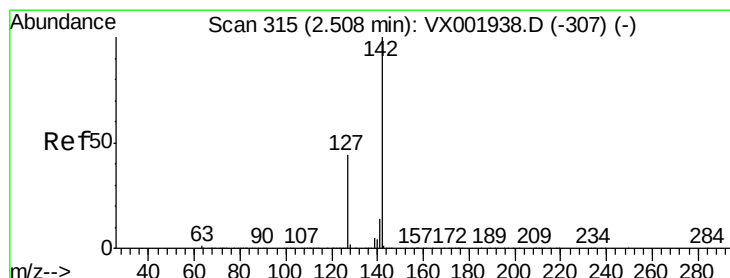
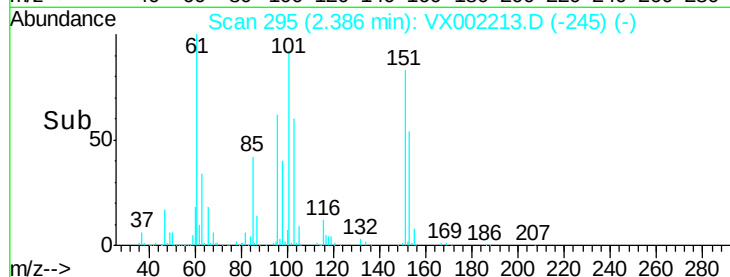
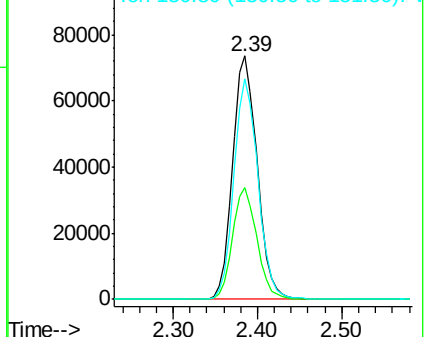
151 88.4 73.2 109.8



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: 51.594 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

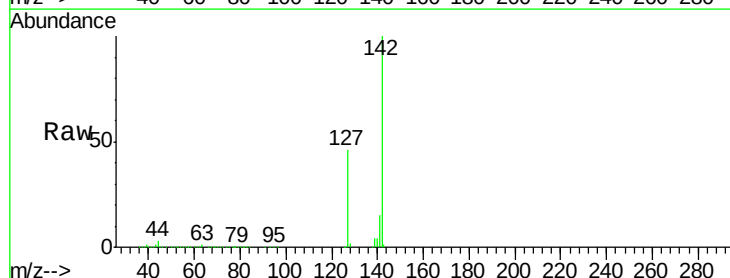
Tgt Ion:142 Resp: 188428

Ion Ratio Lower Upper

142 100

127 46.5 35.5 53.3

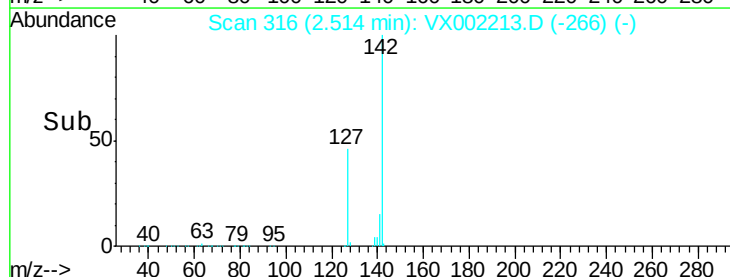
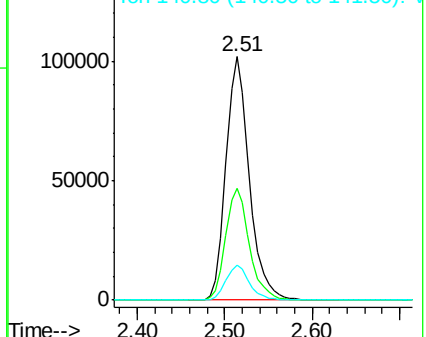
141 14.6 11.3 16.9

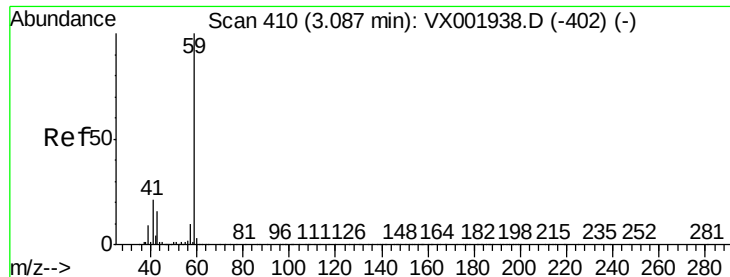


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



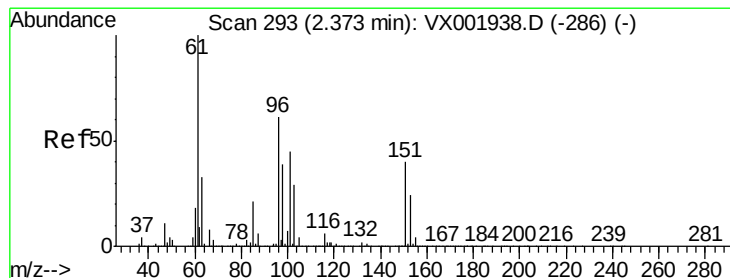
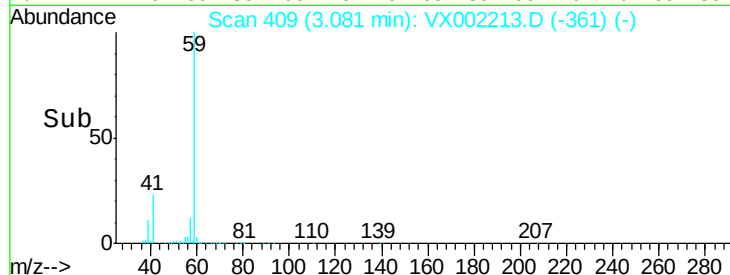
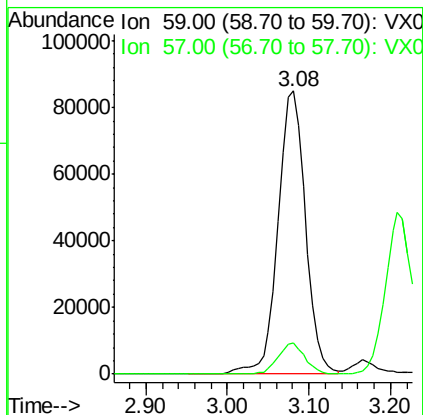
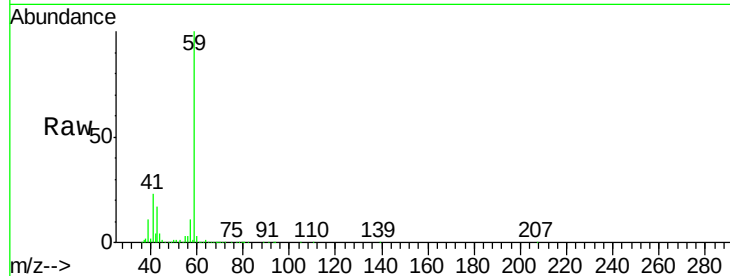


#11

Tert butyl alcohol
 Concen: 261.516 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Instrument :
 MSVOA_X
 ClientSampled :

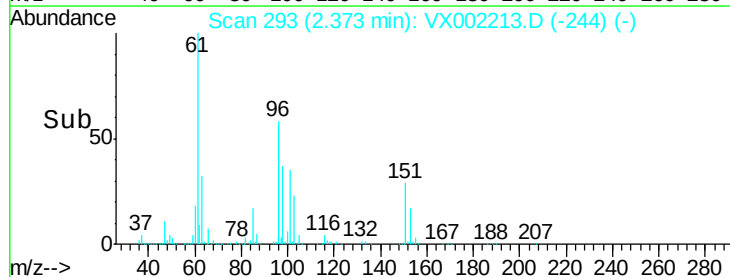
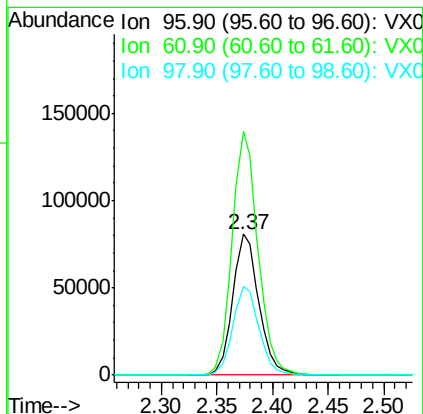
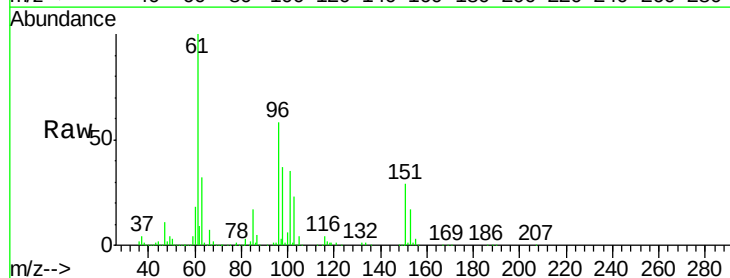
Tot Ion: 59 Resp: 198942
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.9 13.3

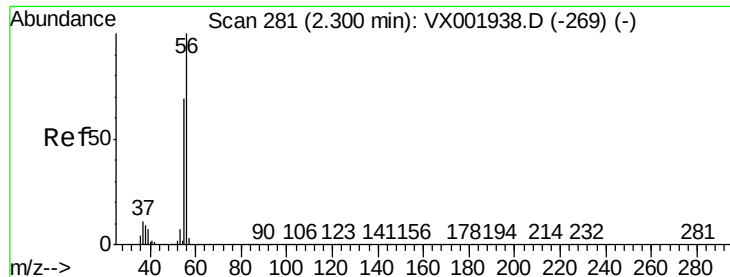


#12

1,1-Dichloroethene
 Concen: 51.952 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion: 96 Resp: 131288
 Ion Ratio Lower Upper
 96 100
 61 172.9 131.7 197.5
 98 63.3 51.6 77.4





#13

Acrolein

Concen: 198.336 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

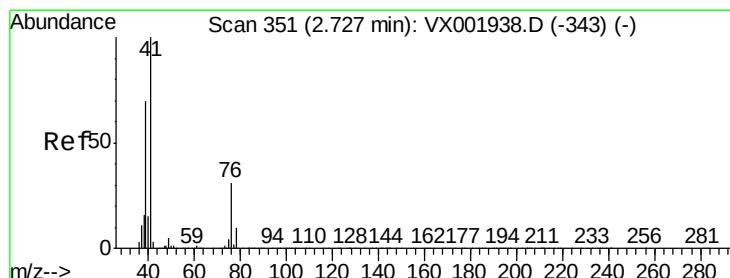
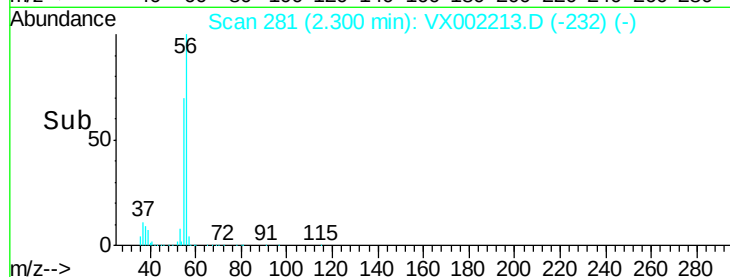
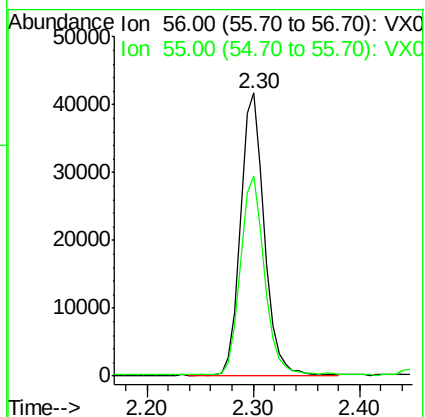
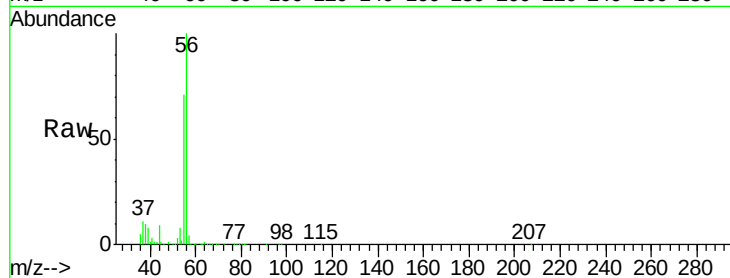
ClientSampleId :

Tot Ion: 56 Resp: 65235

Ion Ratio Lower Upper

56 100

55 70.9 56.8 85.2



#14

Allyl chloride

Concen: 53.282 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

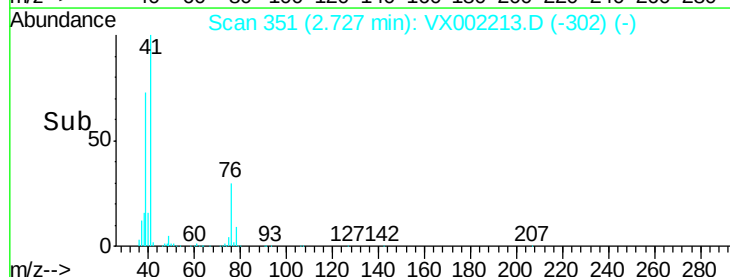
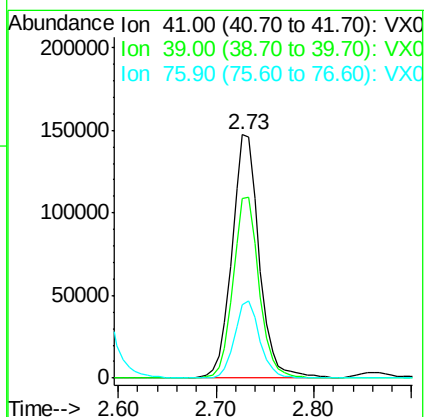
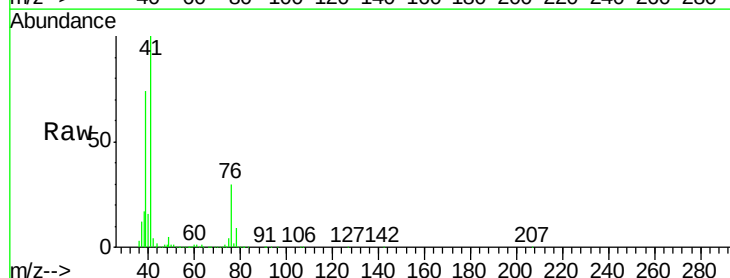
Tgt Ion: 41 Resp: 282642

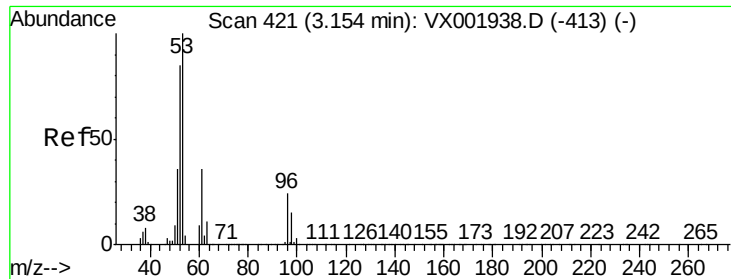
Ion Ratio Lower Upper

41 100

39 71.0 54.3 81.5

76 29.4 24.2 36.4

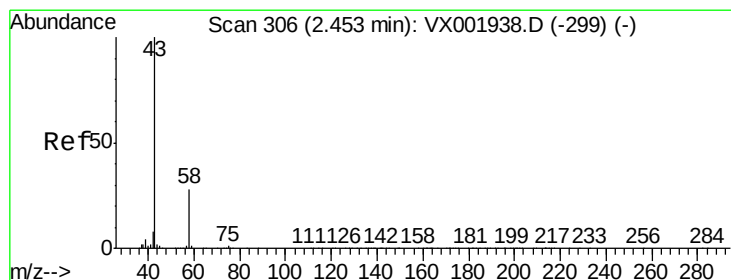
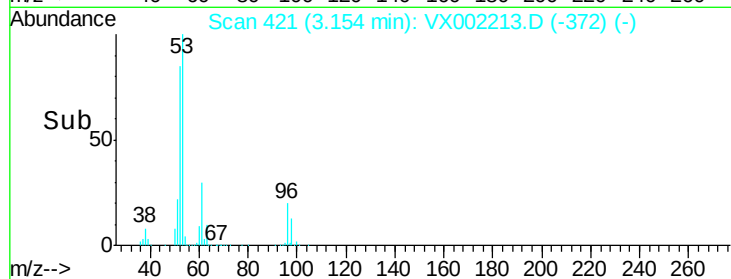
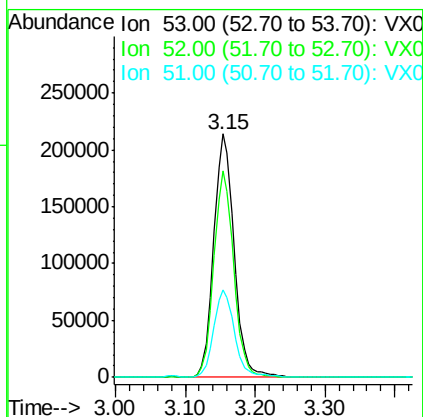
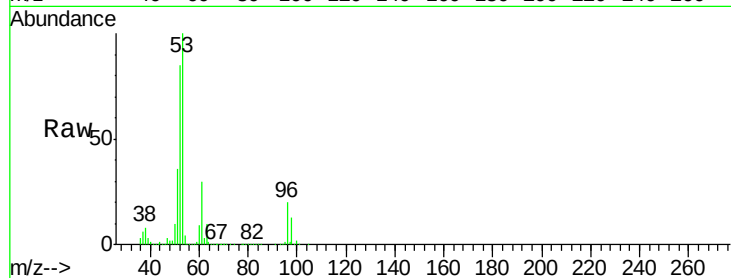




#15
 Acrylonitrile
 Concen: 276.504 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

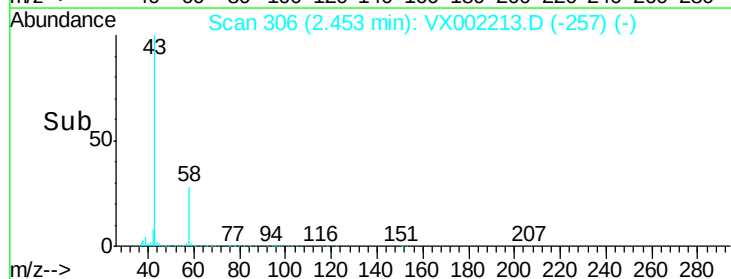
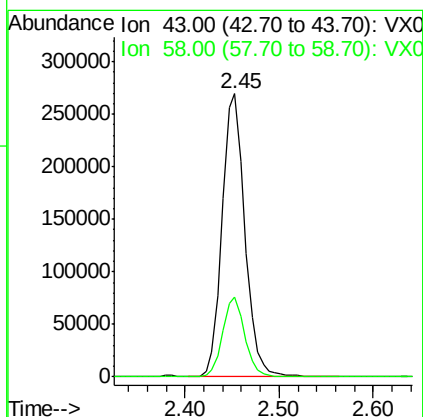
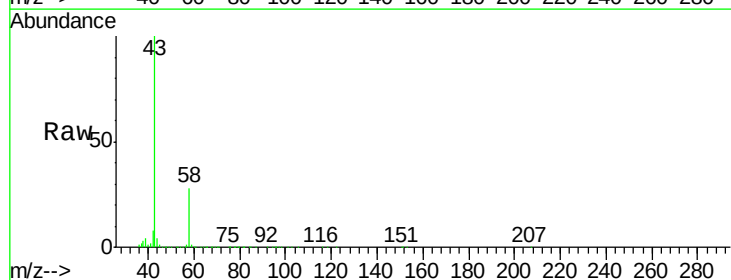
Instrument :
 MSVOA_X
 ClientSampled :

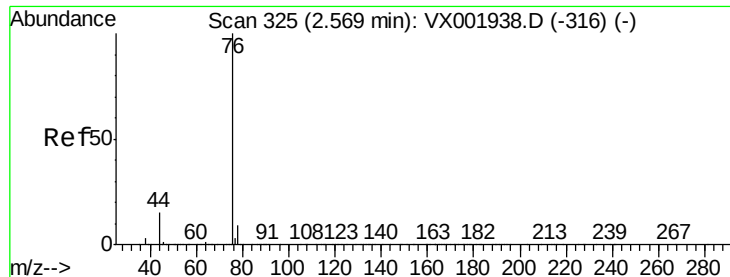
Tot Ion: 53 Resp: 432546
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.4 99.6
 51 36.7 29.3 43.9



#16
 Acetone
 Concen: 299.259 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion: 43 Resp: 447590
 Ion Ratio Lower Upper
 43 100
 58 28.2 22.3 33.5





#17

Carbon Disulfide

Concen: 42.089 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

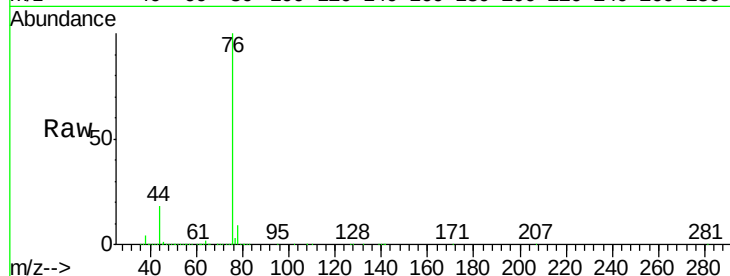
ClientSampleId :

Tot Ion: 76 Resp: 306117

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

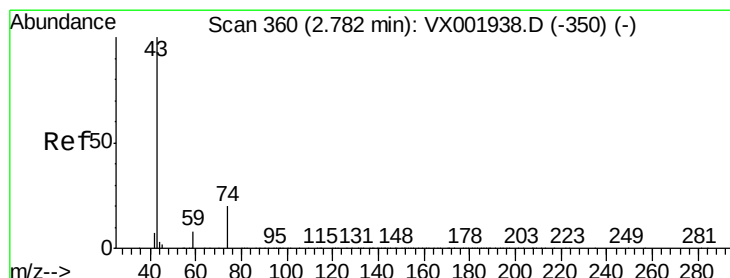
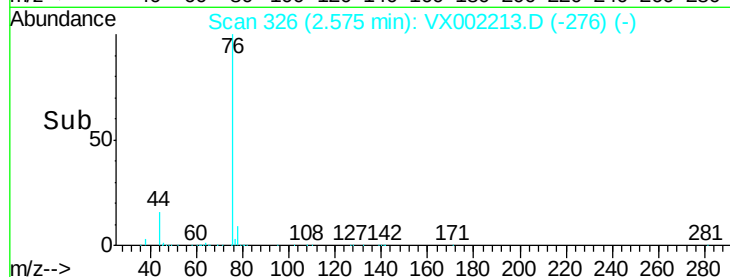
100000

50000

0

2.50 2.57 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 61.294 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002213.D

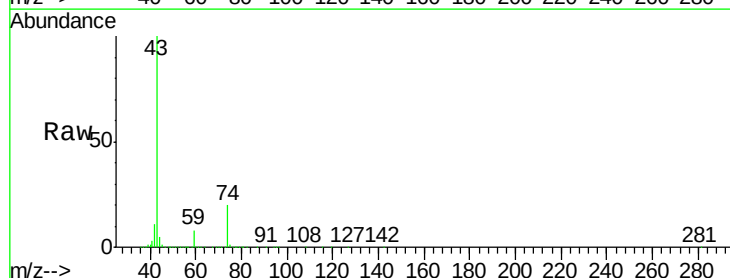
Acq: 01 Jun 2018 12:01

Tgt Ion: 43 Resp: 219918

Ion Ratio Lower Upper

43 100

74 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

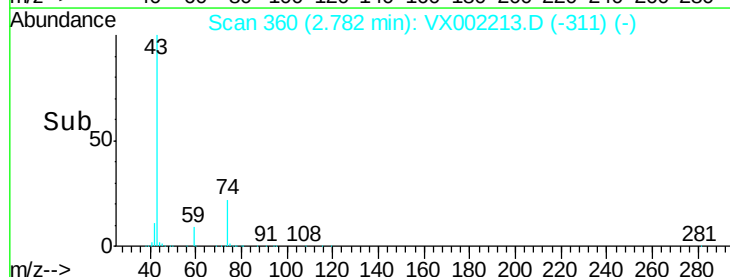
100000

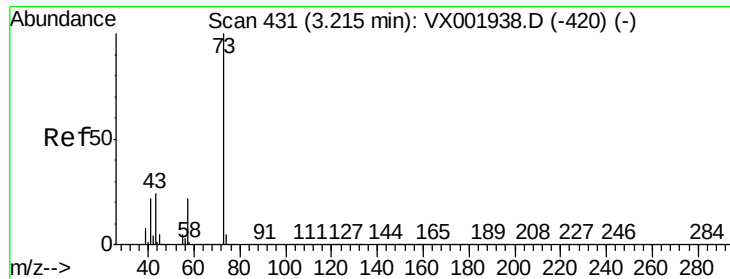
50000

0

2.70 2.78 2.80 2.90

Time-->

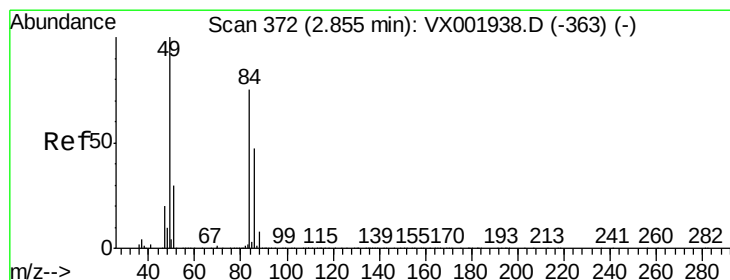
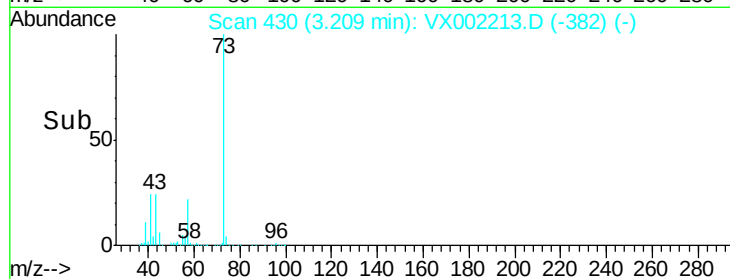
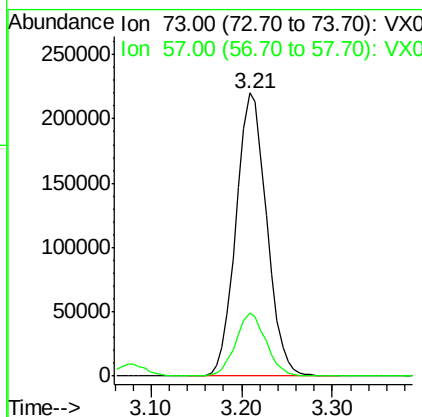
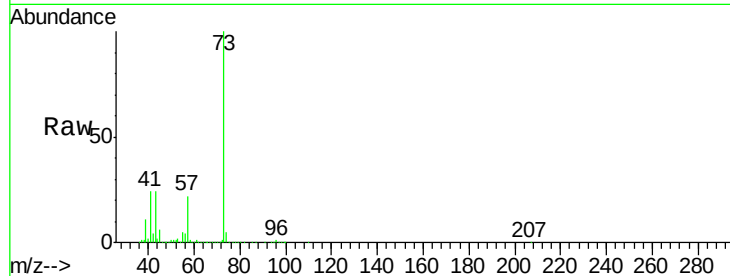




#19
Methyl tert-butyl Ether
Concen: 54.347 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

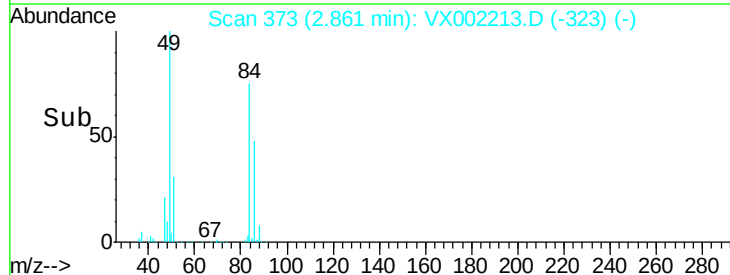
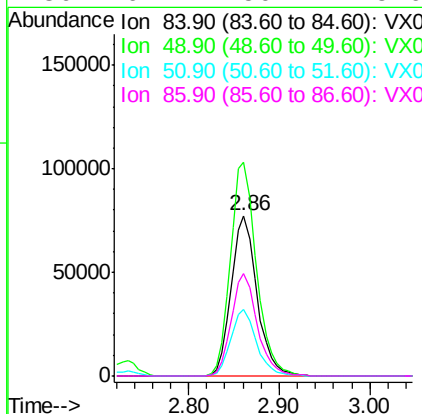
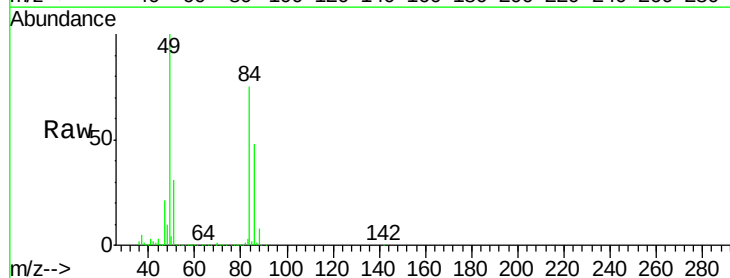
Instrument :
MSVOA_X
ClientSampleId :

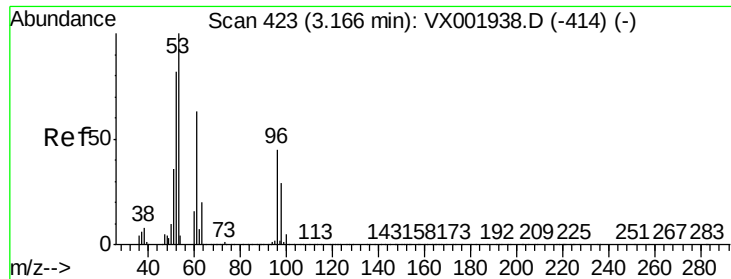
Tot Ion: 73 Resp: 516554
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 59.074 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 84 Resp: 152198
Ion Ratio Lower Upper
84 100
49 133.3 107.2 160.8
51 41.8 32.4 48.6
86 64.4 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 57.301 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

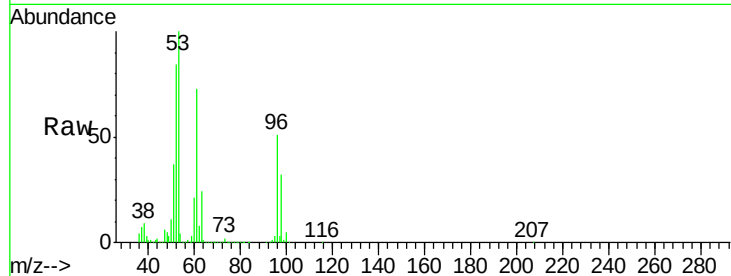
Tot Ion: 96 Resp: 140407

Ion Ratio Lower Upper

96 100

61 143.5 113.3 169.9

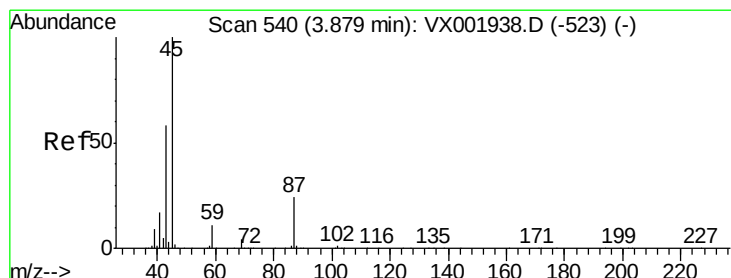
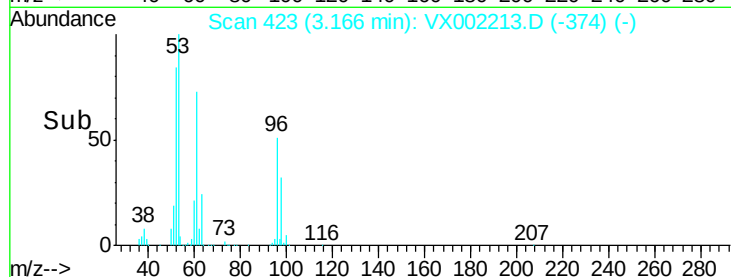
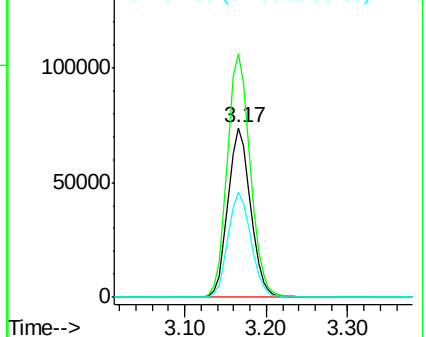
98 61.9 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.950 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion: 45 Resp: 506580

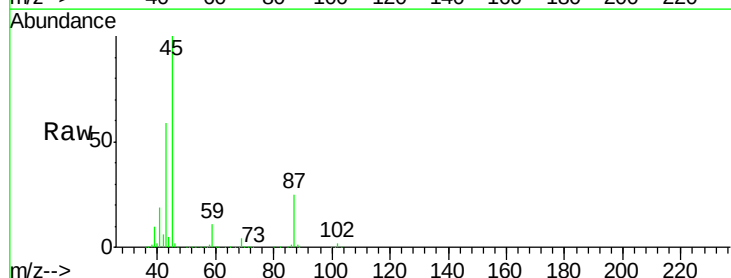
Ion Ratio Lower Upper

45 100

43 59.0 47.0 70.6

87 24.9 19.4 29.0

59 11.0 8.5 12.7

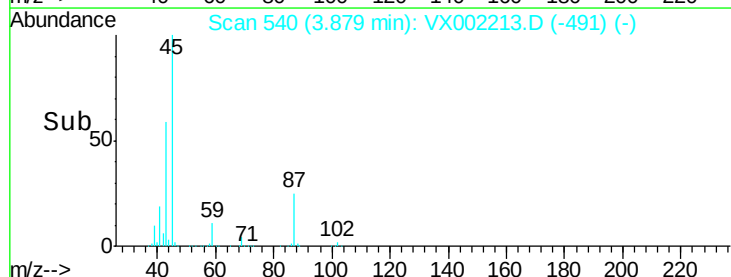
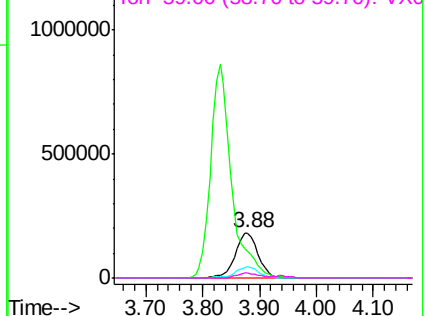


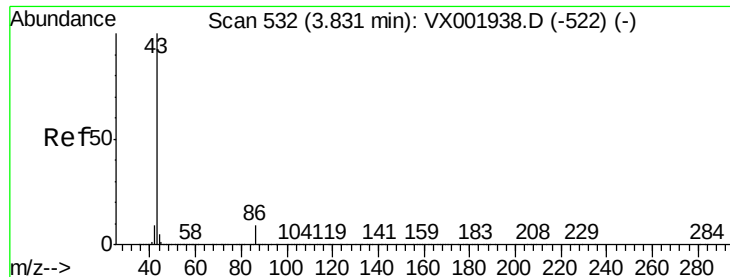
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 246.559 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

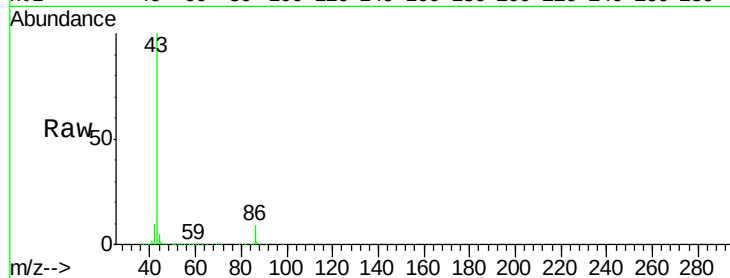
ClientSampleId :

Tot Ion: 43 Resp: 2205723

Ion Ratio Lower Upper

43 100

86 9.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

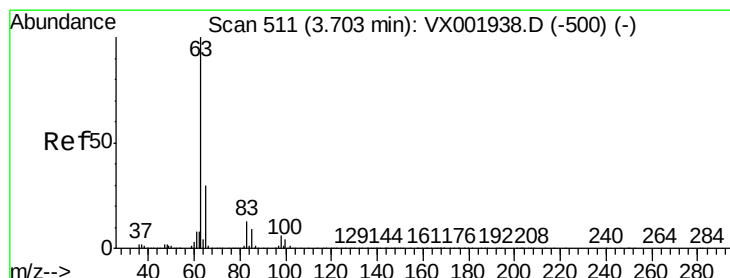
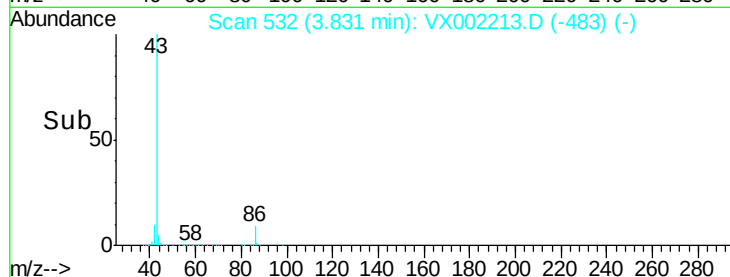
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.605 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

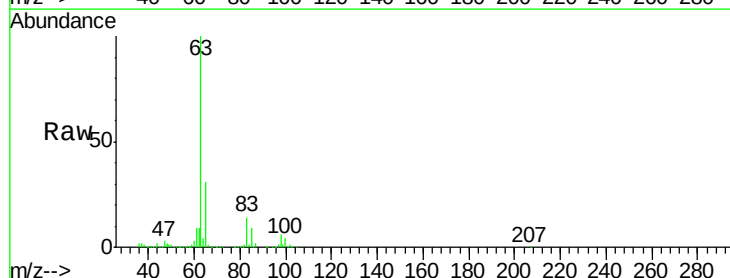
Tgt Ion: 63 Resp: 285002

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

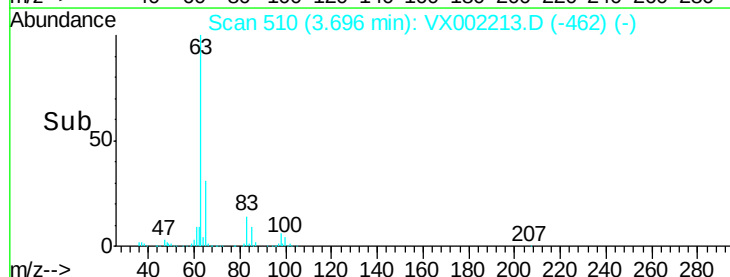
150000

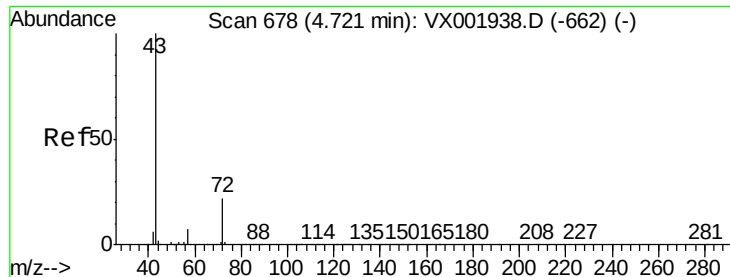
100000

50000

0

Time-->

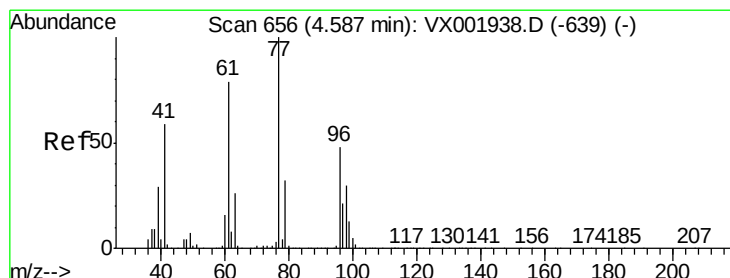
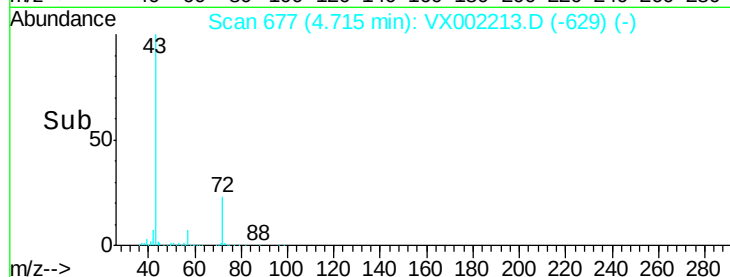
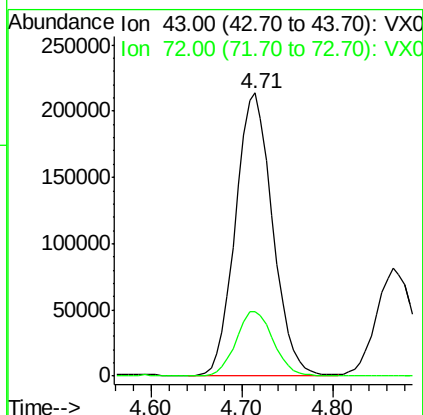
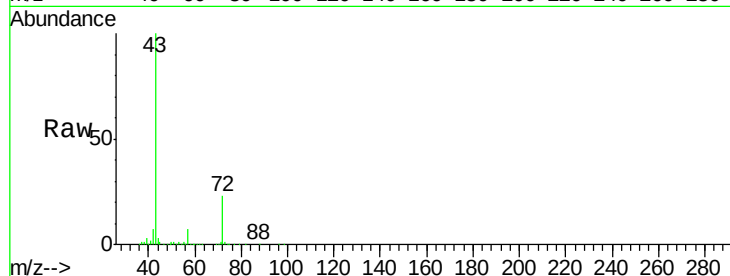




#25
2-Butanone
Concen: 221.388 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

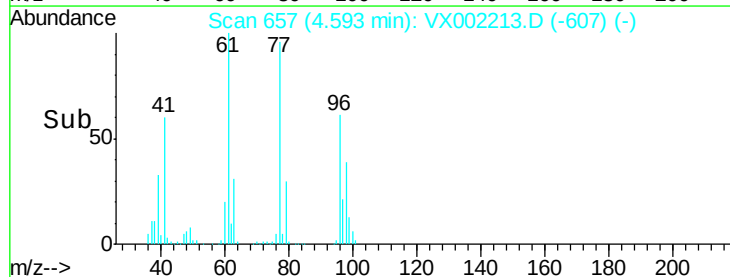
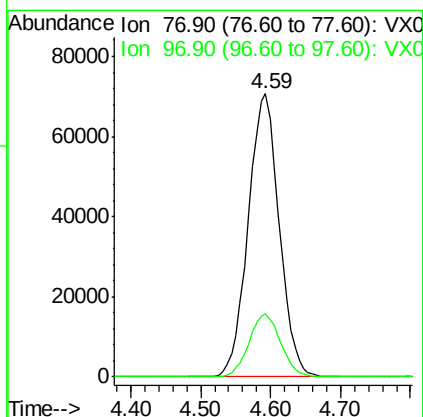
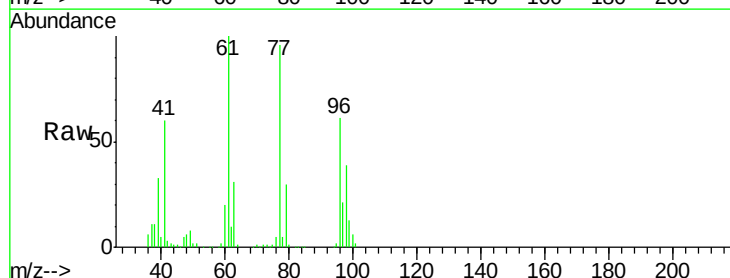
Instrument :
MSVOA_X
ClientSampled :

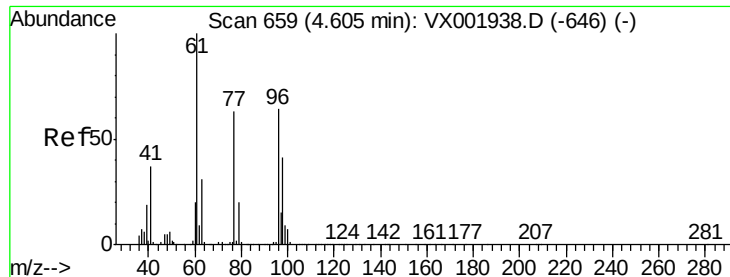
Tot Ion: 43 Resp: 606886
Ion Ratio Lower Upper
43 100
72 22.9 17.9 26.9



#26
2,2-Dichloropropane
Concen: 41.902 ug/l
RT: 4.59 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 77 Resp: 217381
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5



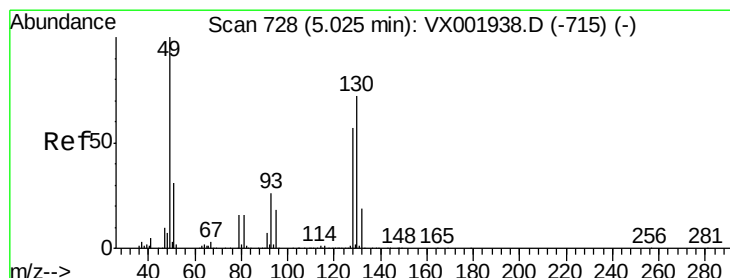
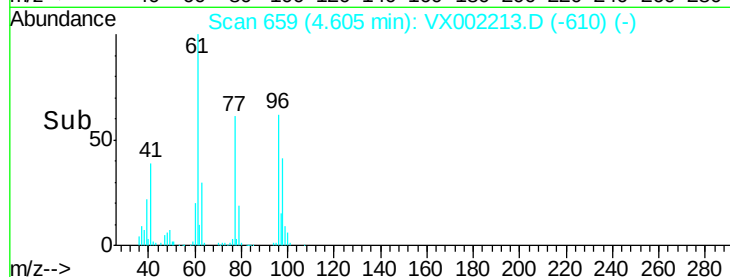
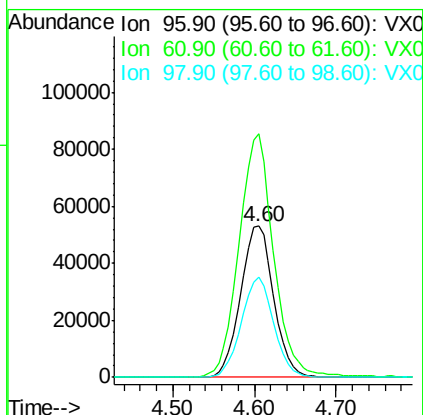
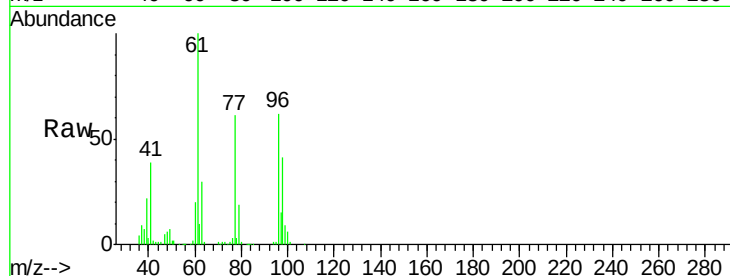


#27

cis-1,2-Dichloroethene
Concen: 45.485 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :

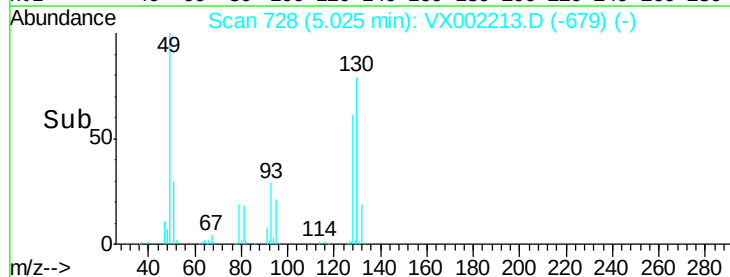
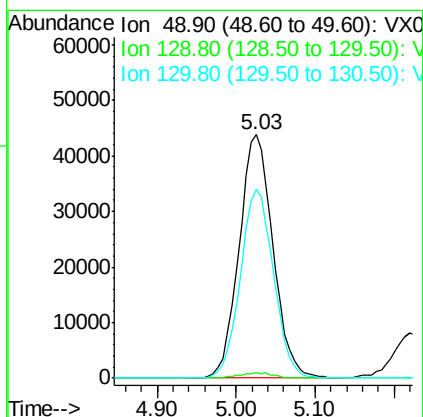
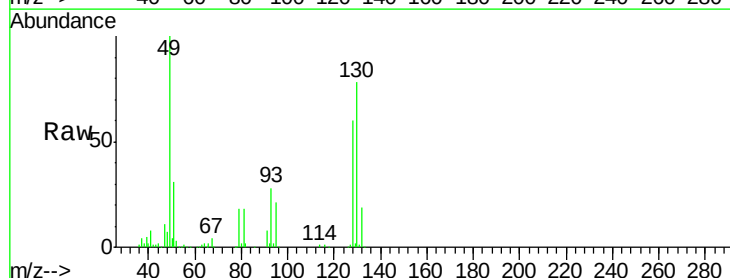
Tot Ion	96	Resp	149885
Ion Ratio	Lower	Upper	
96	100		
61	169.2	0.0	348.4
98	64.7	0.0	128.6

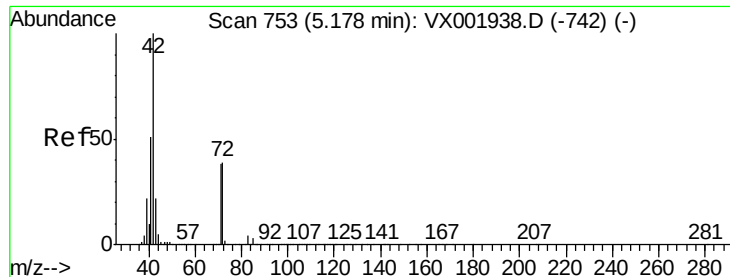


#28

Bromochloromethane
Concen: 61.073 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	49	Resp	130559
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	3.8
130	76.2	59.4	89.2

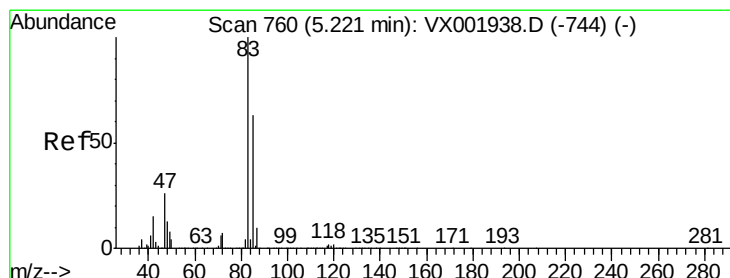
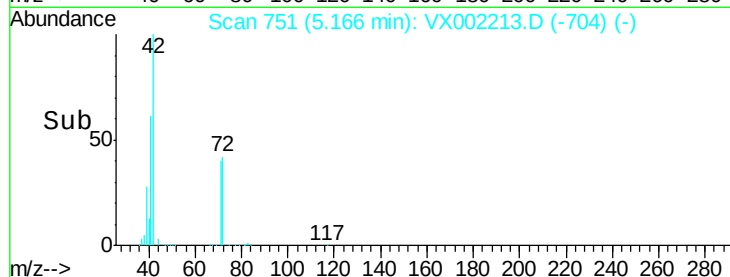
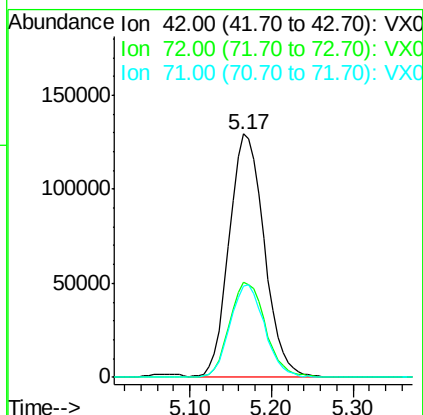
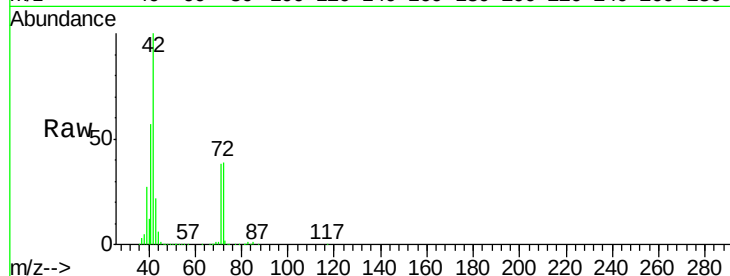




#29
Tetrahydrofuran
Concen: 215.269 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

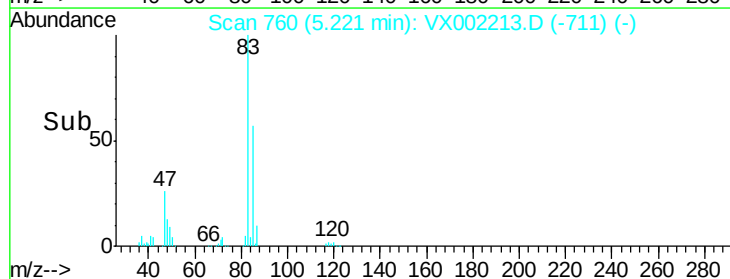
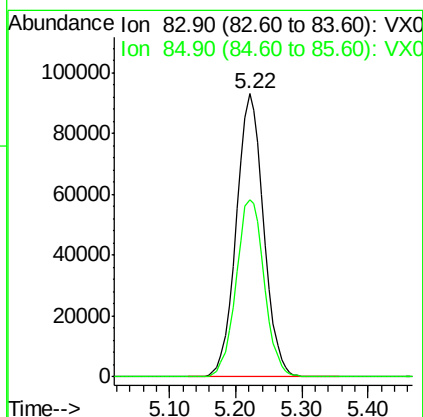
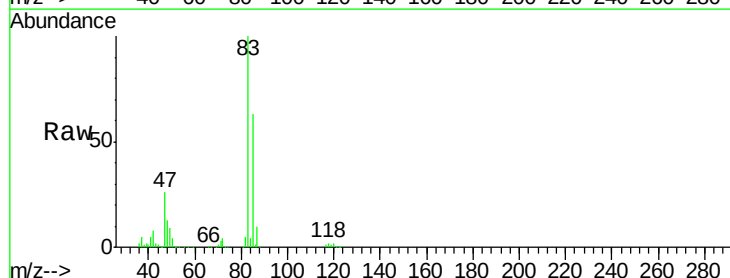
Instrument :
MSVOA_X
ClientSampleId :

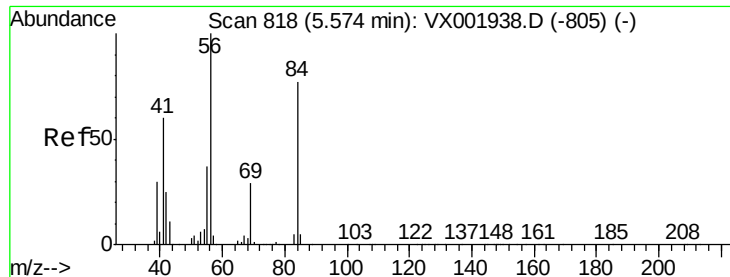
Tot Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.4	47.0
71	37.9	29.5	44.3



#30
Chloroform
Concen: 46.132 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.9	76.3

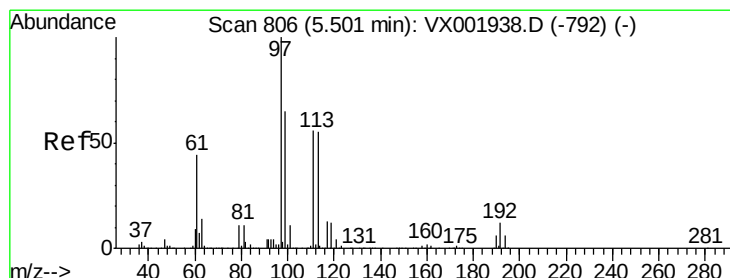
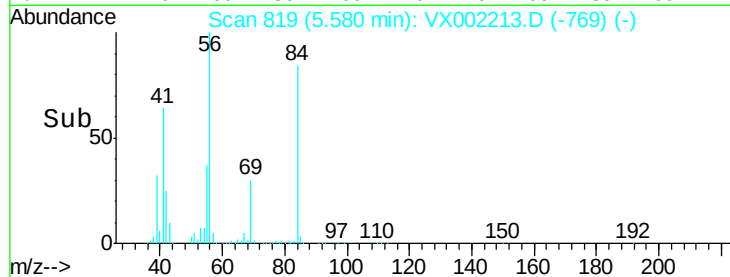
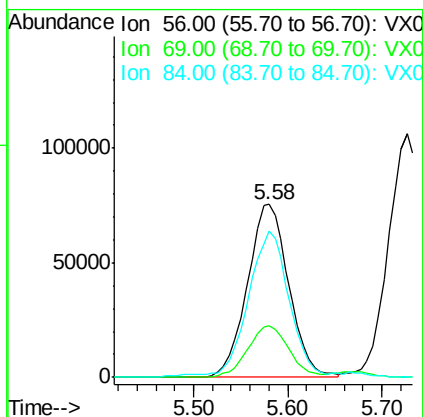
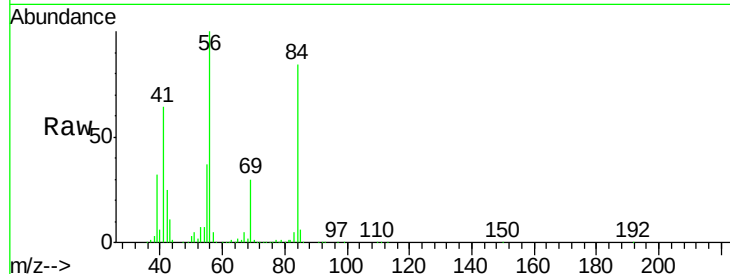




#31
Cyclohexane
Concen: 43.203 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

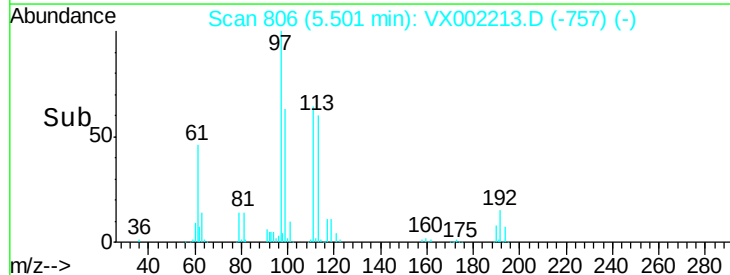
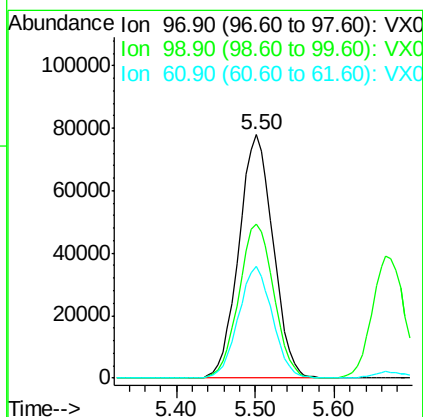
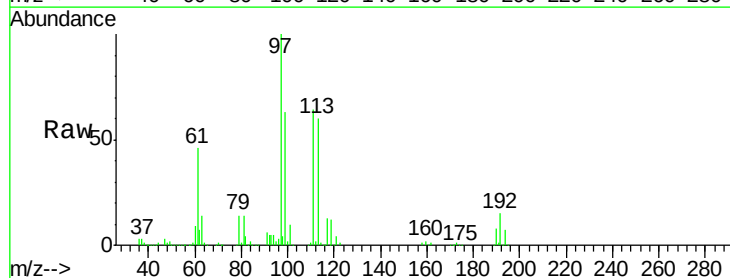
Instrument :
MSVOA_X
ClientSampled :

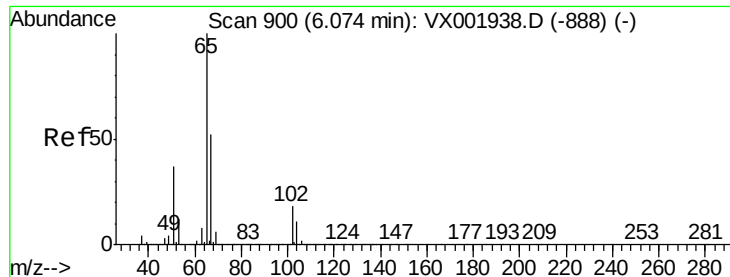
Tot Ion: 56 Resp: 230707
Ion Ratio Lower Upper
56 100
69 30.3 23.1 34.7
84 82.7 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 43.737 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 97 Resp: 235455
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 45.7 35.9 53.9

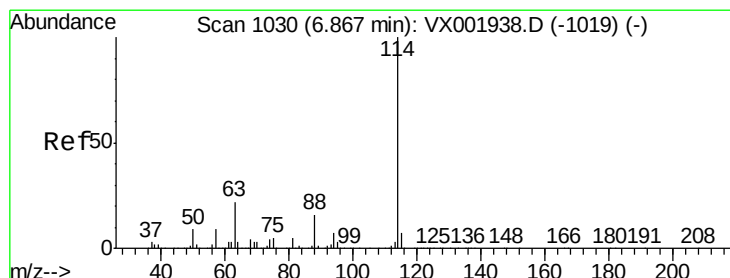
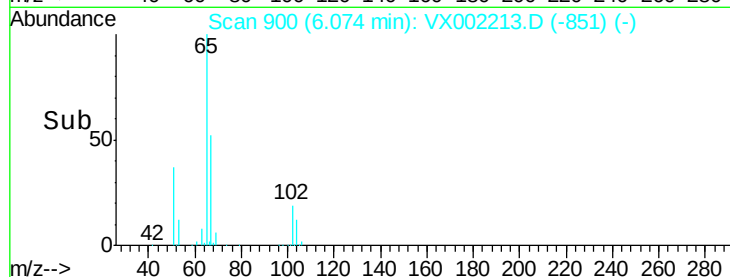
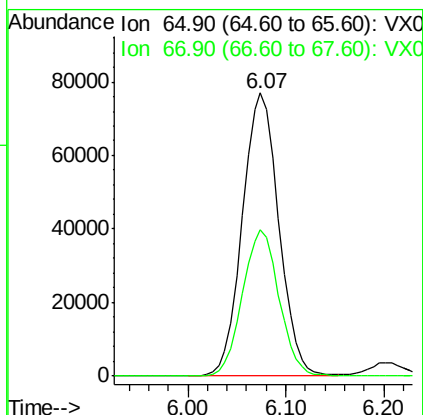
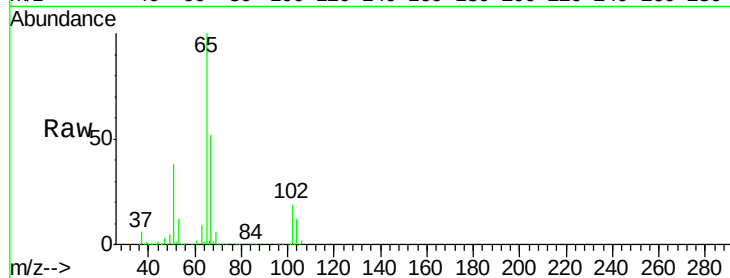




#33
 1,2-Dichloroethane-d4
 Concen: 51.353 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

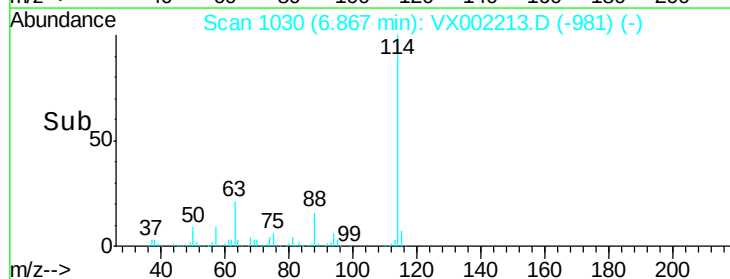
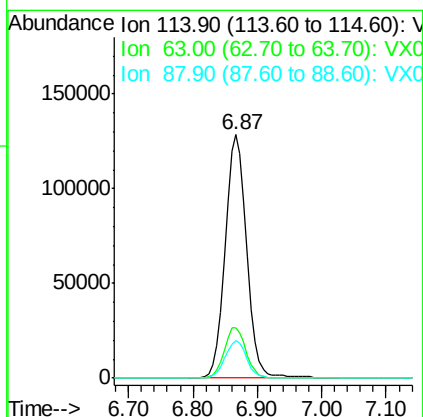
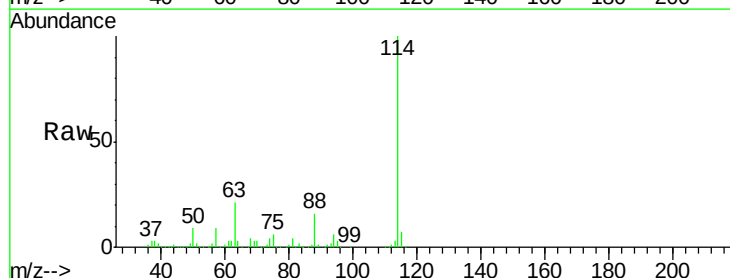
Instrument :
 MSVOA_X
 ClientSampled :

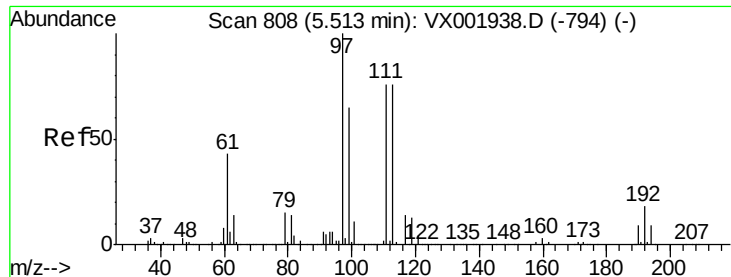
Tot Ion: 65 Resp: 199015
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion: 114 Resp: 303117
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 15.6 0.0 31.6

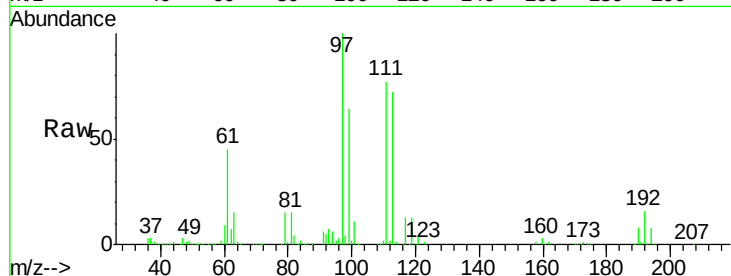




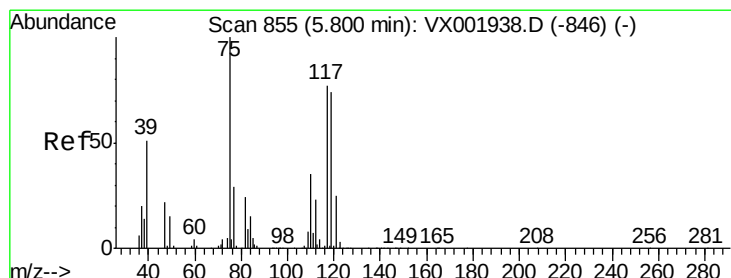
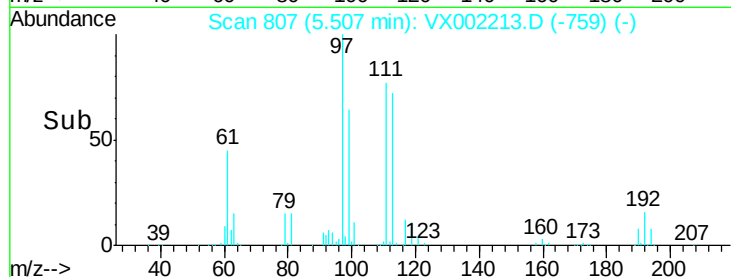
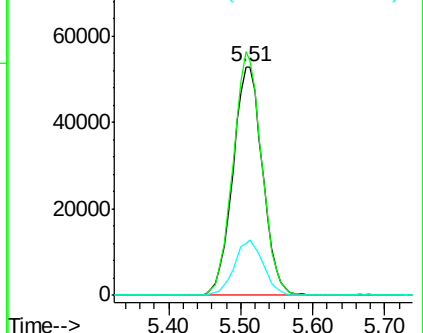
#35
Dibromofluoromethane
Concen: 49.817 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113 Resp: 151005
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 23.6 18.9 28.3

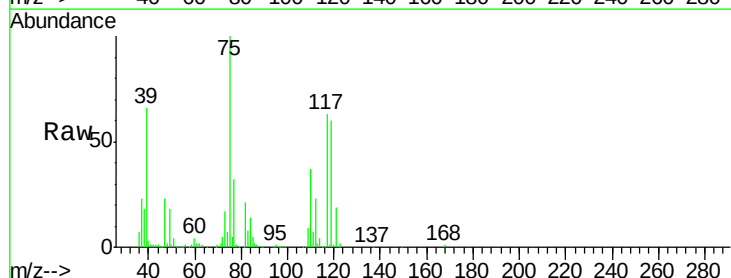


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

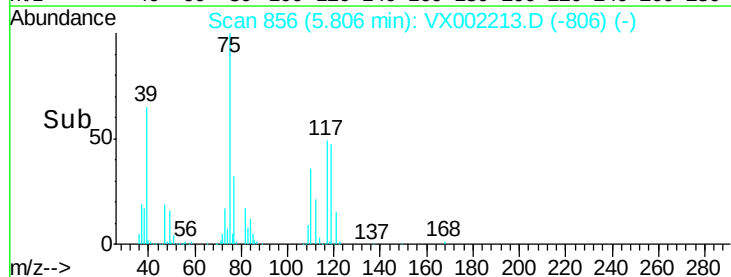
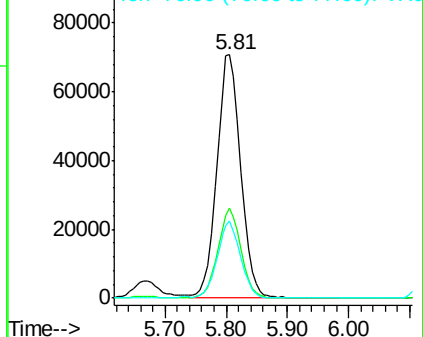


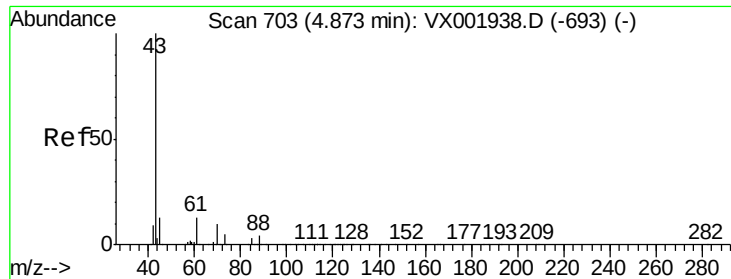
#36
1,1-Dichloropropene
Concen: 45.739 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 75 Resp: 192848
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.2
77 30.5 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

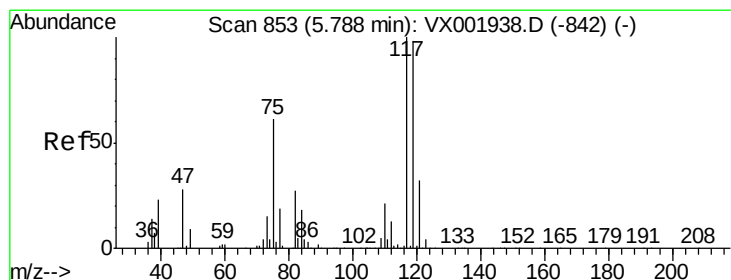
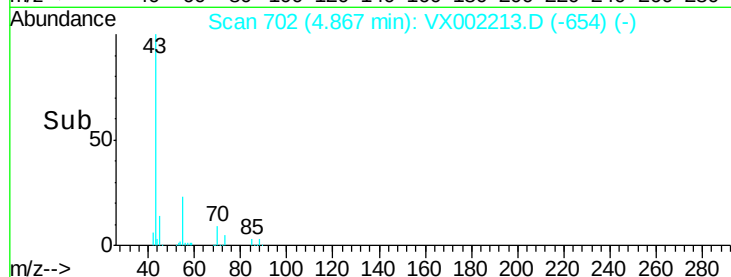
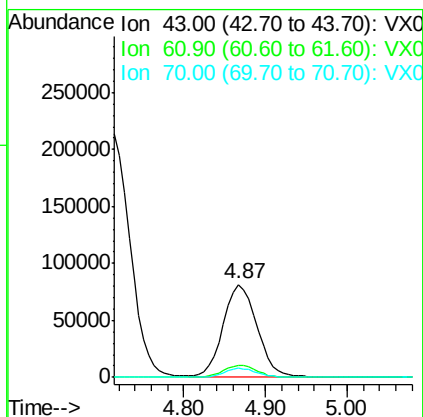
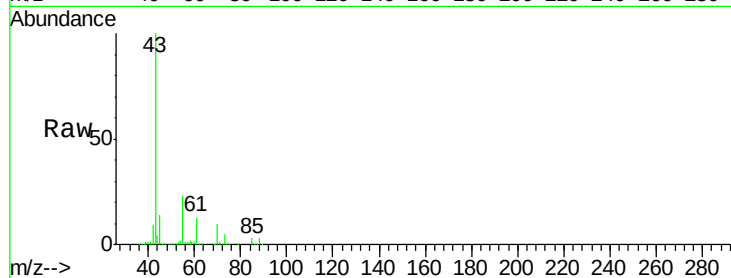




#37
Ethyl Acetate
Concen: 42.397 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

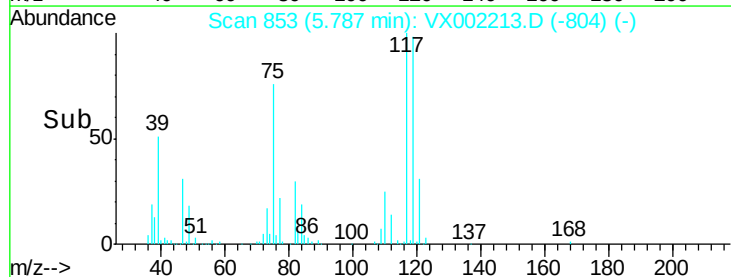
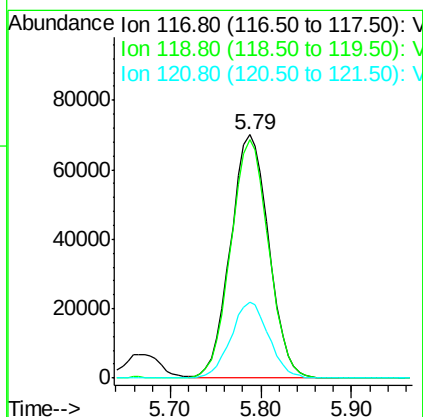
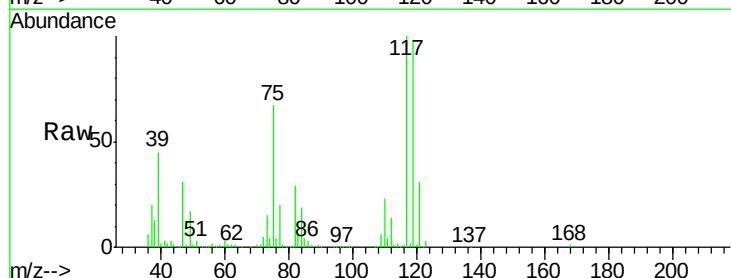
Instrument :
MSVOA_X
ClientSampled :

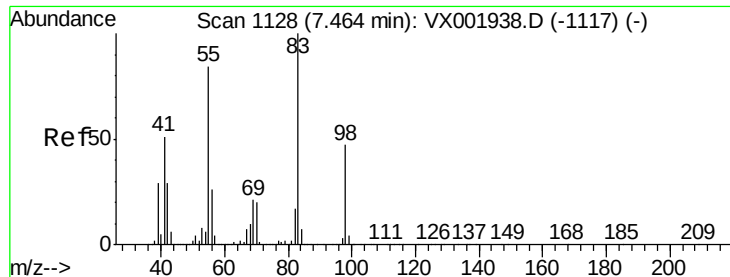
Tot Ion: 43 Resp: 233045
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 41.617 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 117 Resp: 204614
Ion Ratio Lower Upper
117 100
119 97.7 78.5 117.7
121 31.0 25.5 38.3

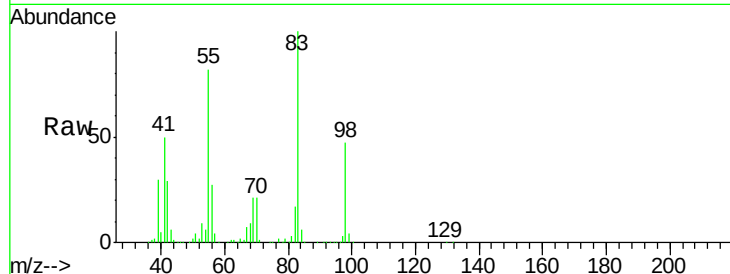




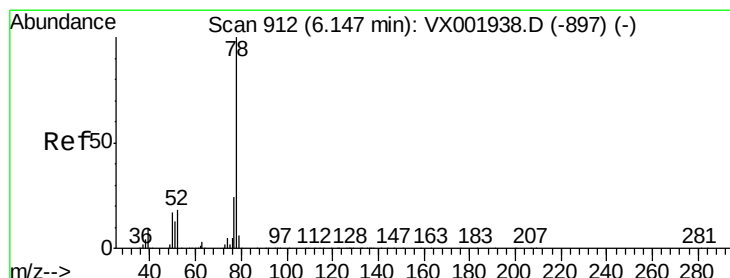
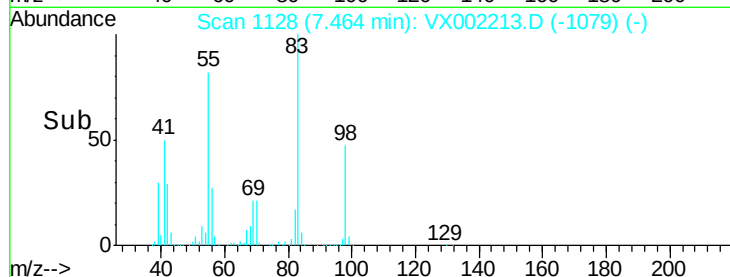
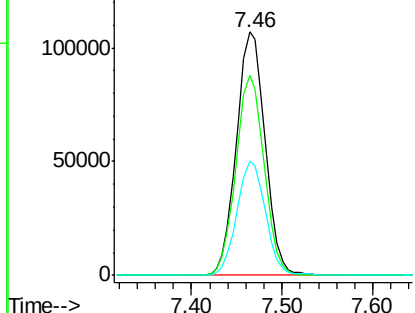
#39
Methylvlcyclohexane
Concen: 45.481 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 235585
Ion Ratio Lower Upper
83 100
55 81.9 67.3 100.9
98 46.7 37.5 56.3

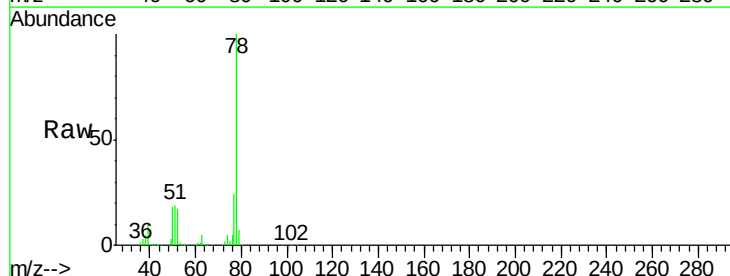


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

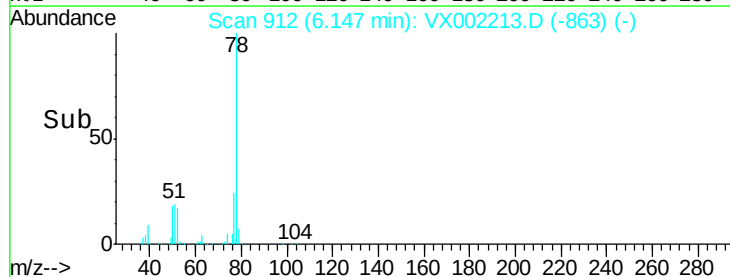
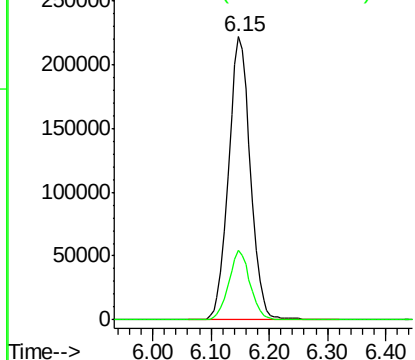


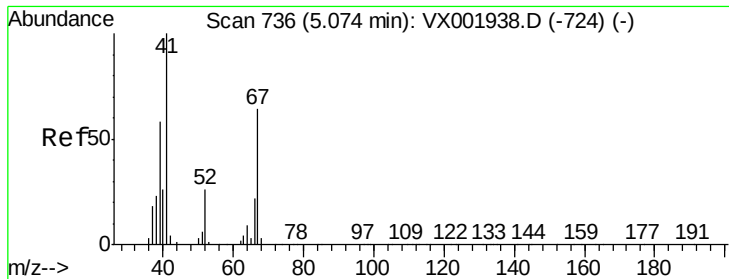
#40
Benzene
Concen: 46.850 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 78 Resp: 578697
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7



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

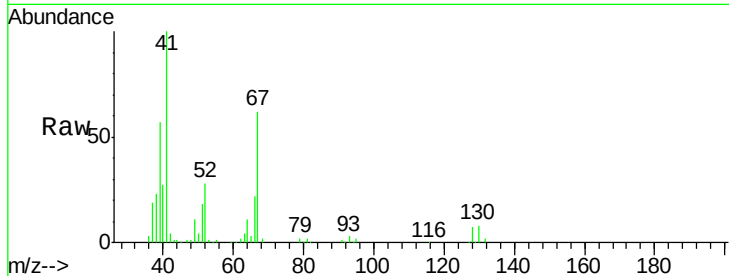




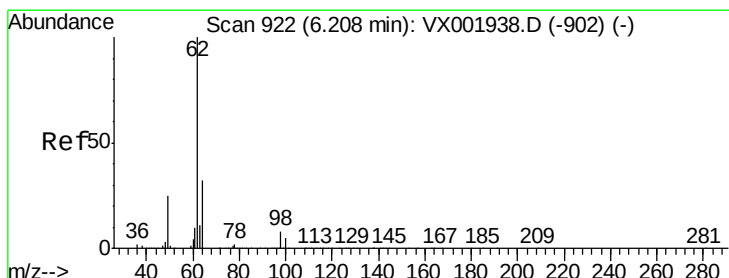
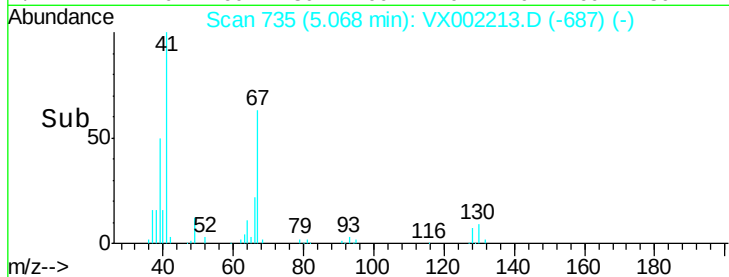
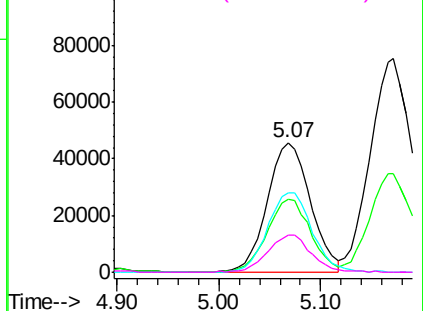
#41
Methacrylonitrile
Concen: 45.760 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	133068
Ion	Ratio	Lower	Upper
41	100		
39	56.9	46.0	69.0
67	63.8	50.6	75.8
52	28.8	21.9	32.9

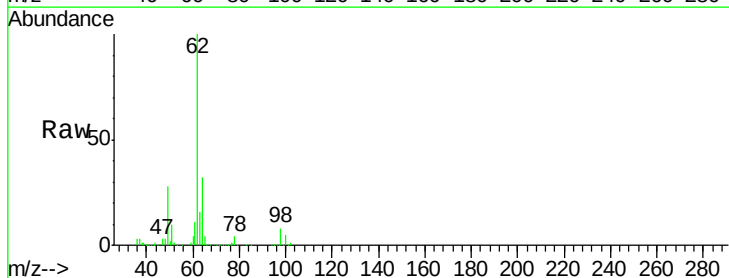


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

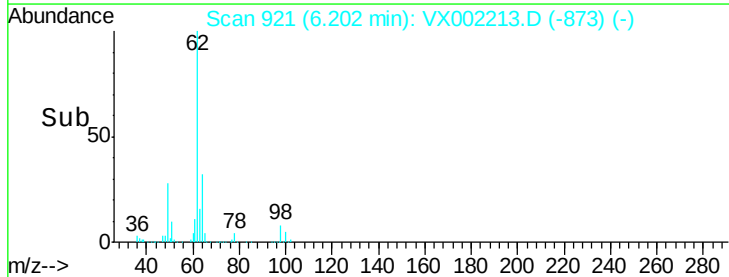
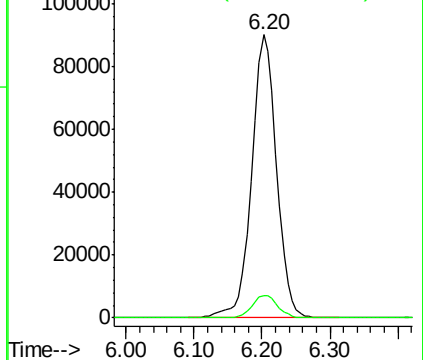


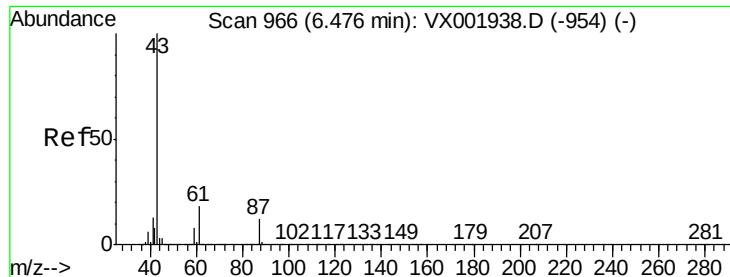
#42
1,2-Dichloroethane
Concen: 46.350 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion:	62	Resp:	228692
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 43.322 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

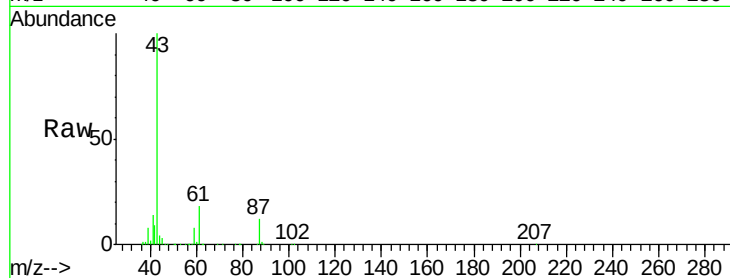
Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 396773

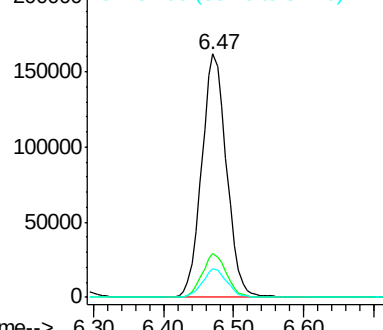
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.5	21.7
87	11.8	9.5	14.3



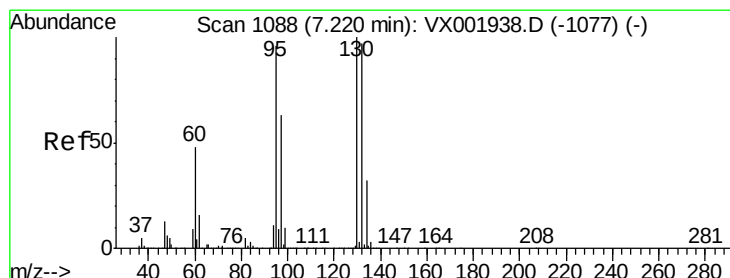
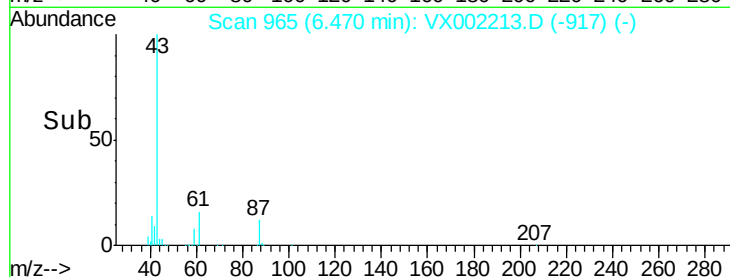
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#44

Trichloroethene

Concen: 45.895 ug/l

RT: 7.22 min Scan# 1088

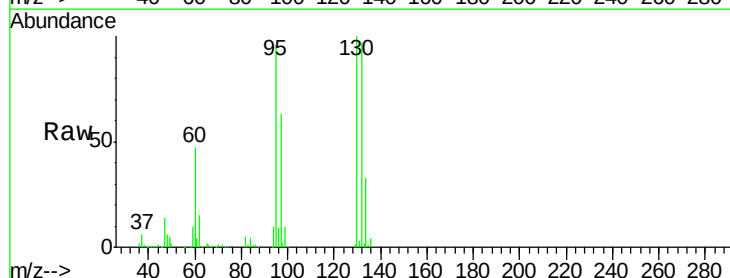
Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

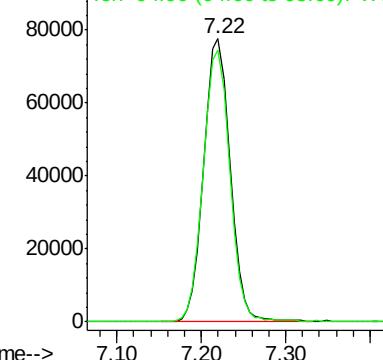
Tgt Ion: 130 Resp: 165199

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	192.0

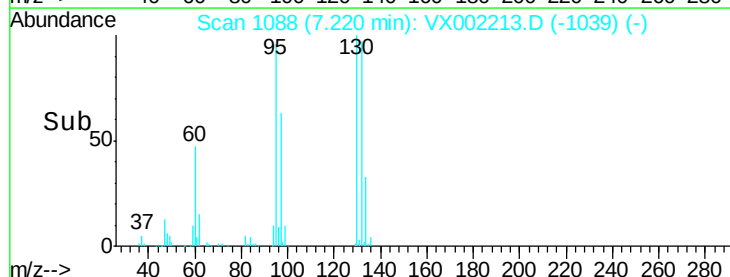


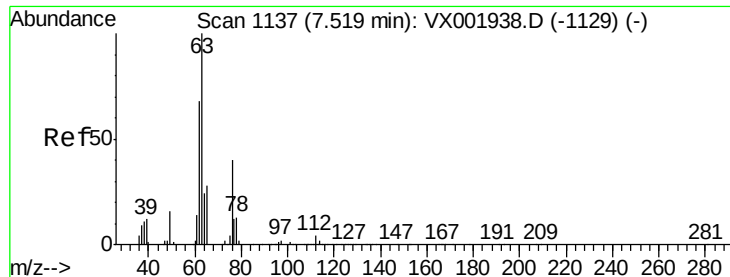
Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 47.311 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

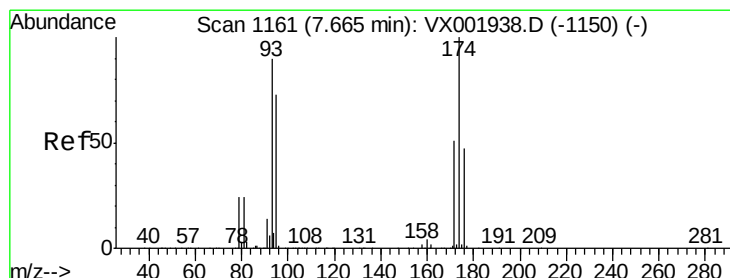
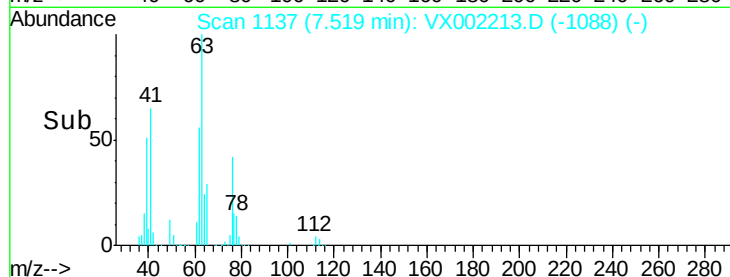
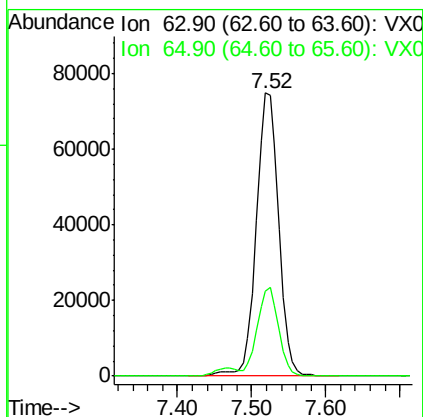
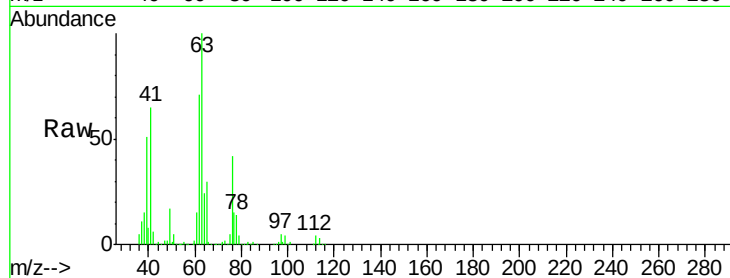
ClientSampleId :

Tot Ion: 63 Resp: 158707

Ion Ratio Lower Upper

63 100

65 30.1 24.1 36.1



#46

Dibromomethane

Concen: 46.601 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

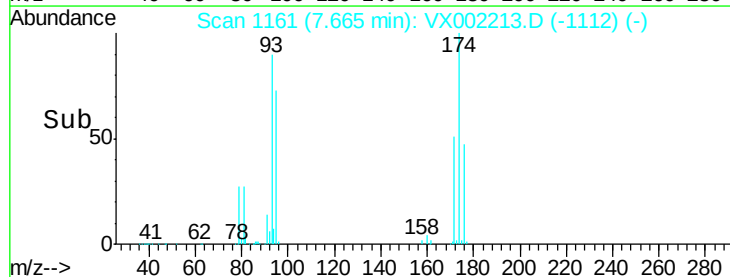
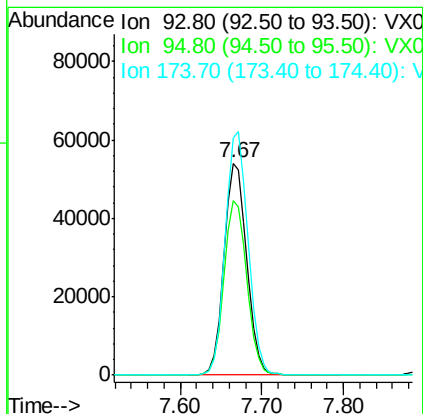
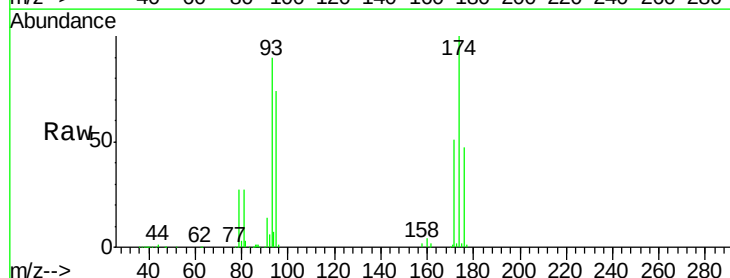
Tgt Ion: 93 Resp: 103499

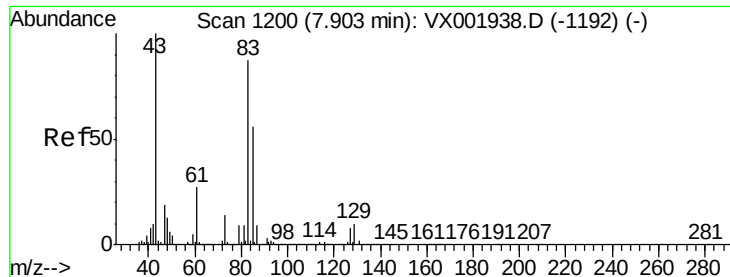
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 114.9 92.5 138.7





#47

Bromodichloromethane

Concen: 41.101 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

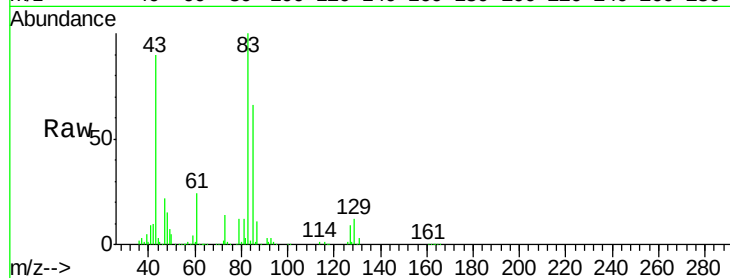
Tot Ion: 83 Resp: 194636

Ion Ratio Lower Upper

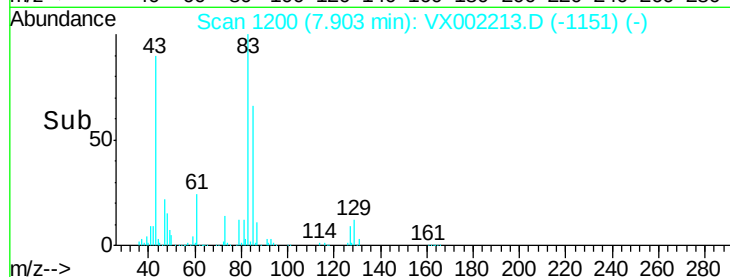
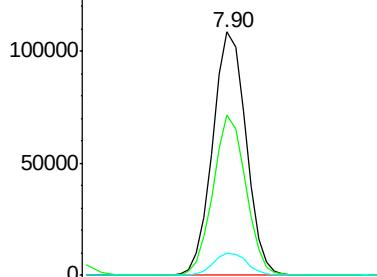
83 100

85 65.5 51.4 77.2

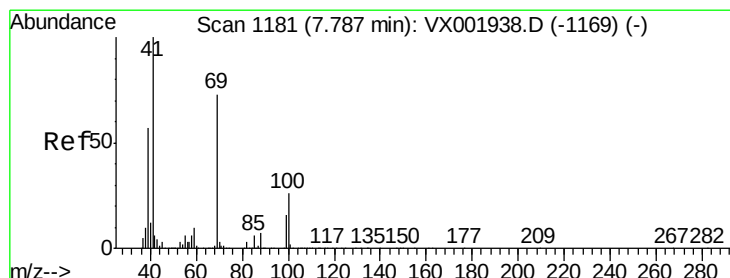
127 9.2 7.1 10.7



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



Time-->



#48

Methyl methacrylate

Concen: 44.038 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

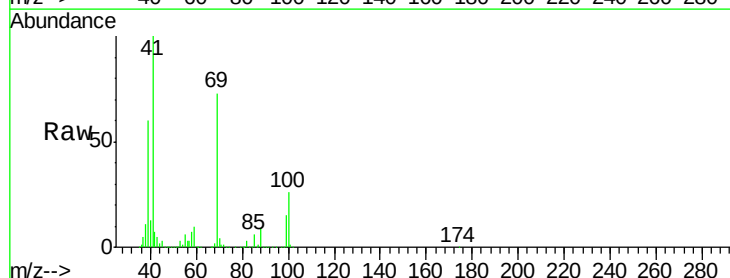
Tgt Ion: 41 Resp: 205278

Ion Ratio Lower Upper

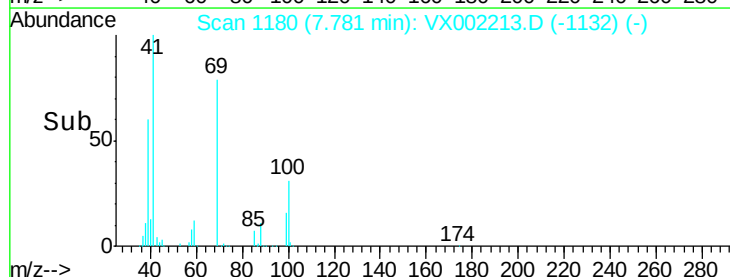
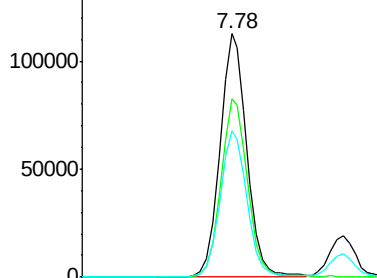
41 100

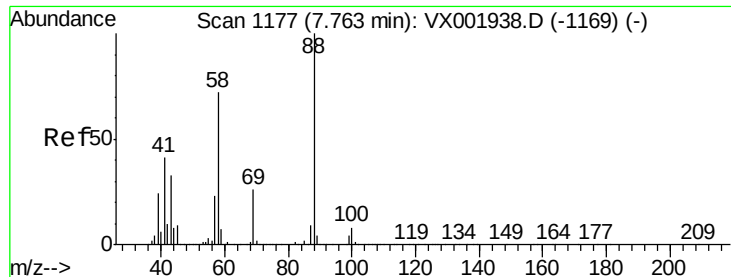
69 73.6 58.6 87.8

39 60.5 46.3 69.5



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

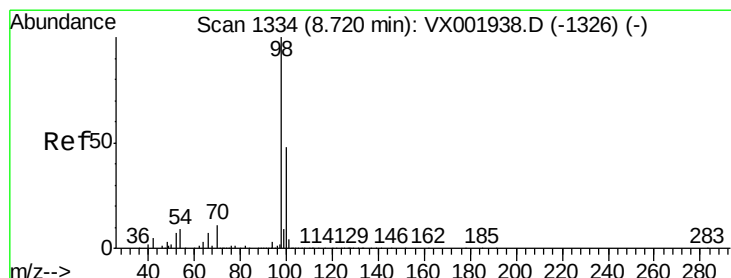
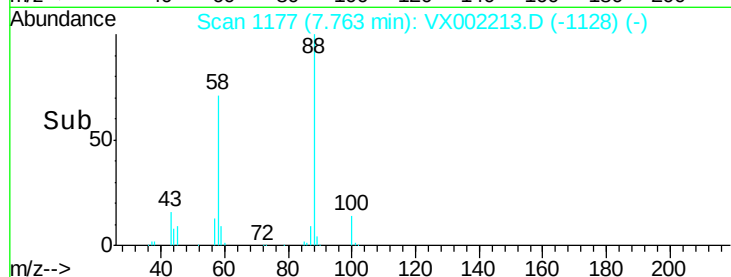
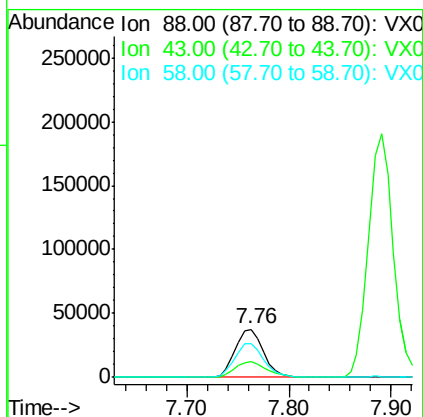
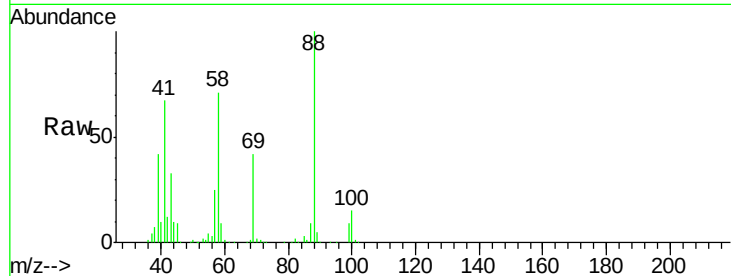




#49
1,4-Dioxane
Concen: 875.898 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

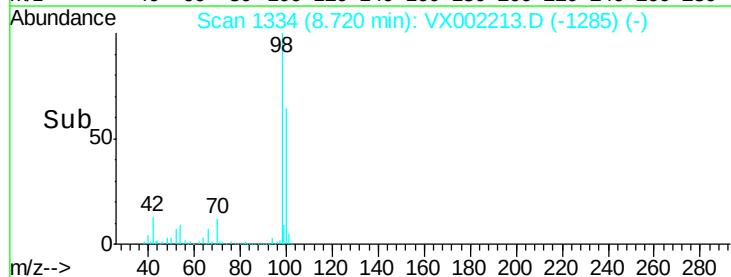
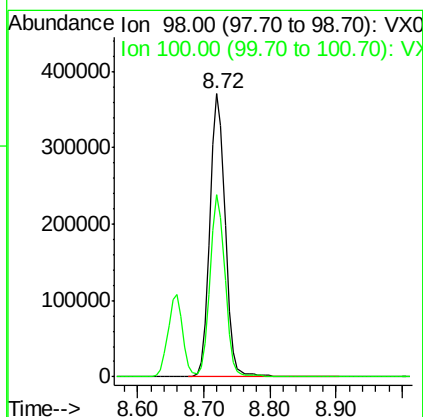
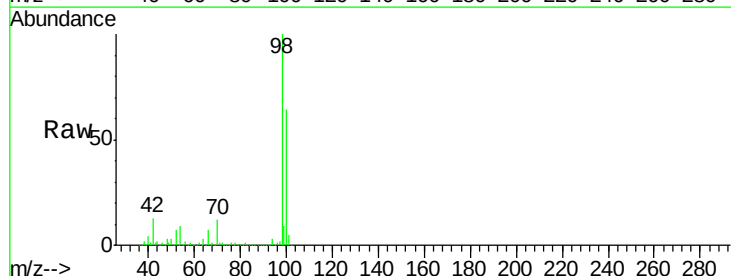
Instrument :
MSVOA_X
ClientSampled :

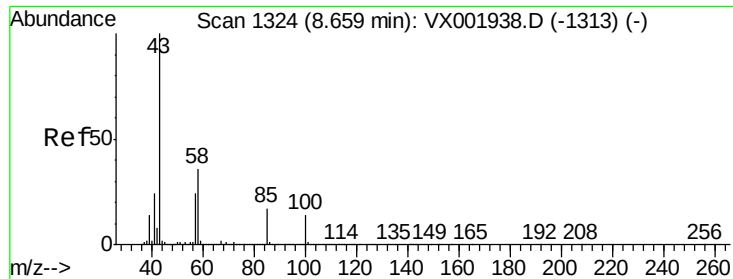
Tot Ion: 88 Resp: 71949
Ion Ratio Lower Upper
88 100
43 37.5 29.8 44.8
58 72.7 58.7 88.1



#50
Toluene-d8
Concen: 54.249 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 98 Resp: 595321
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

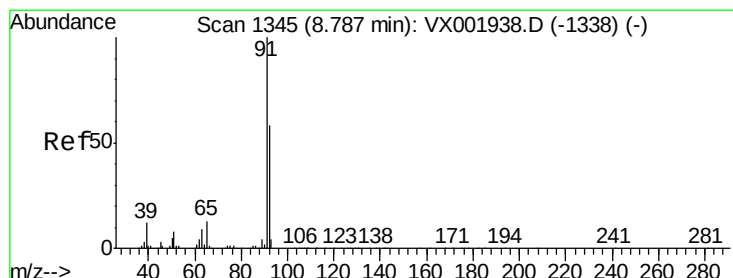
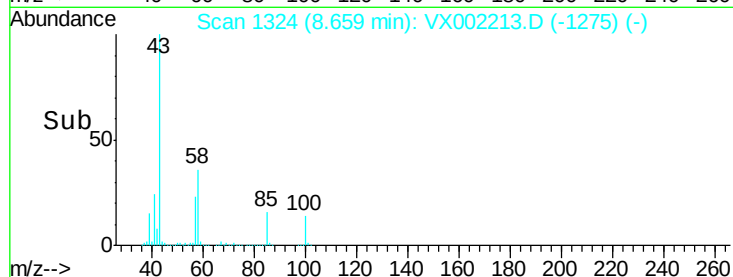
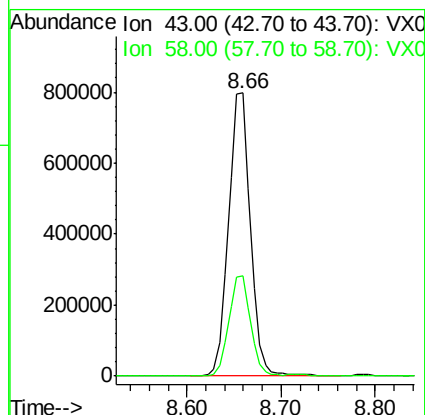
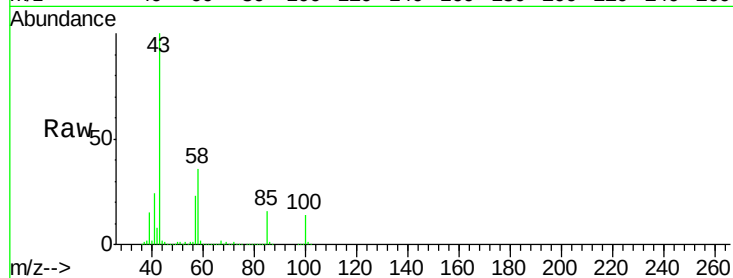




#51
4-Methyl-2-Pentanone
Concen: 232.807 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

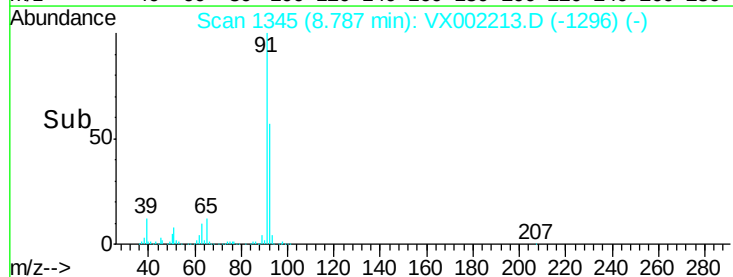
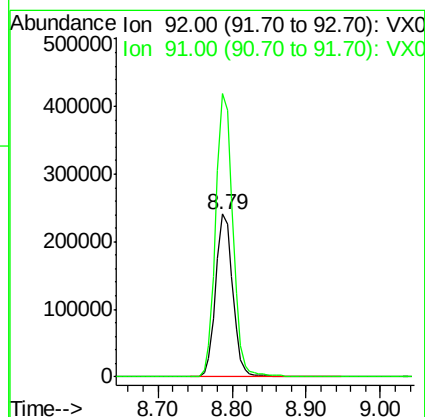
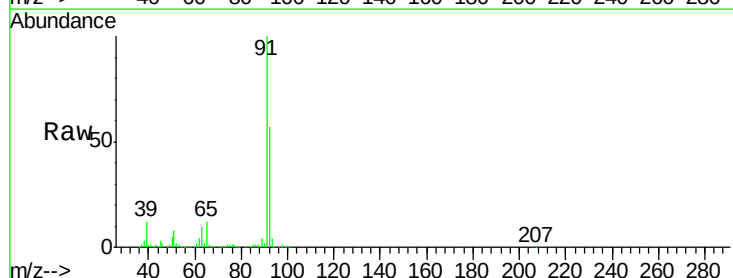
Instrument :
MSVOA_X
ClientSampled :

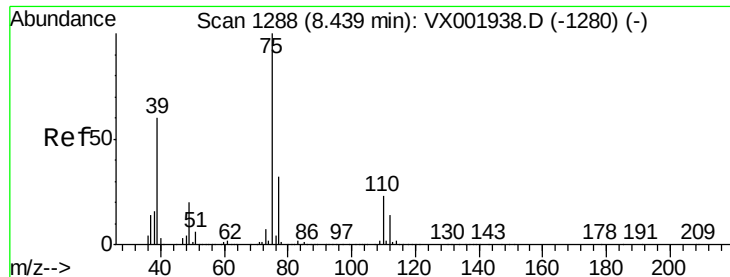
Tot Ion: 43 Resp: 1285339
Ion Ratio Lower Upper
43 100
58 35.1 28.5 42.7



#52
Toluene
Concen: 48.435 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 92 Resp: 380745
Ion Ratio Lower Upper
92 100
91 174.8 139.4 209.2

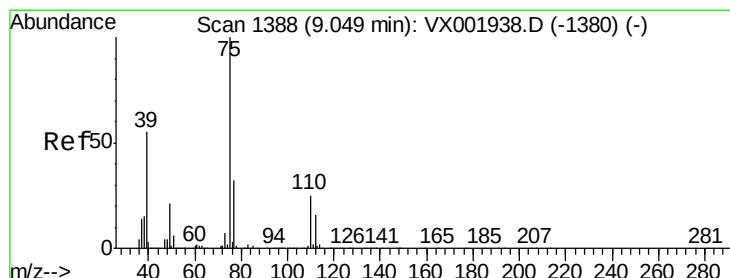
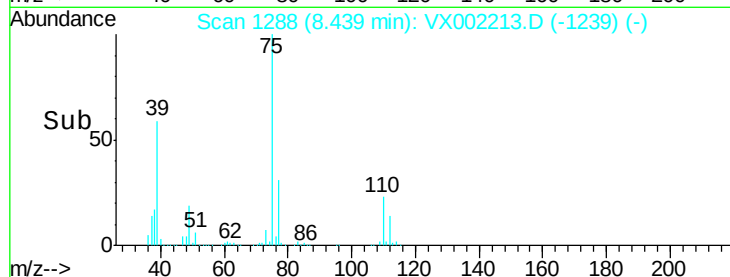
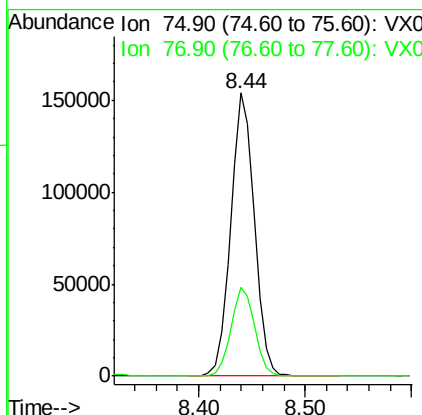
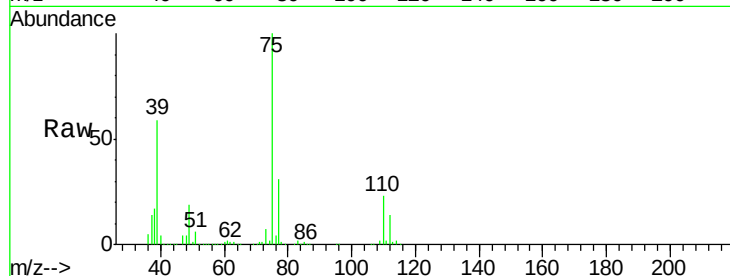




#53
t-1,3-Dichloropropene
Concen: 43.892 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

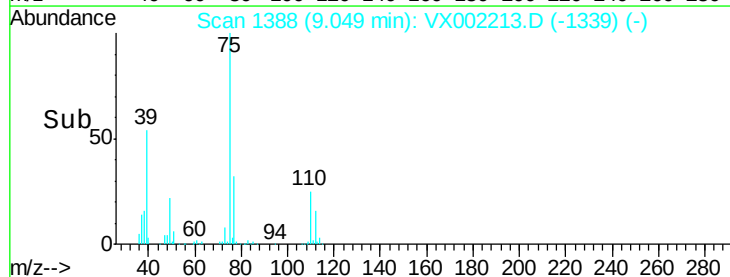
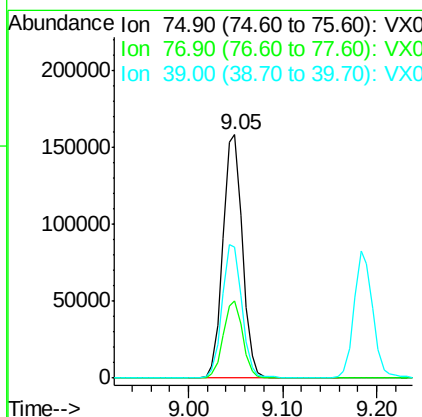
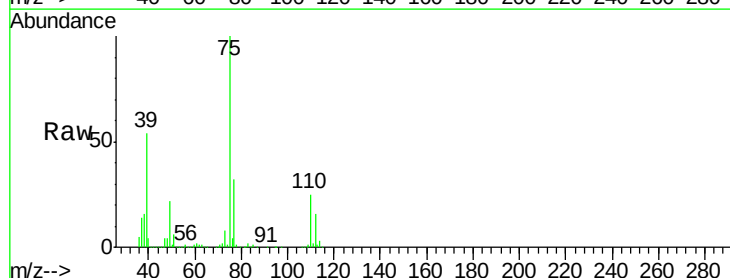
Instrument :
MSVOA_X
ClientSampleId :

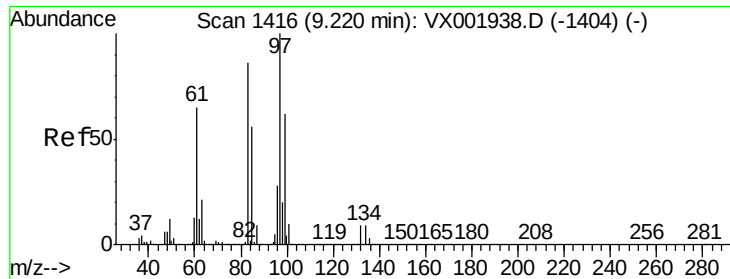
Tot Ion: 75 Resp: 239395
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 42.702 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 75 Resp: 226950
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 53.9 44.1 66.1

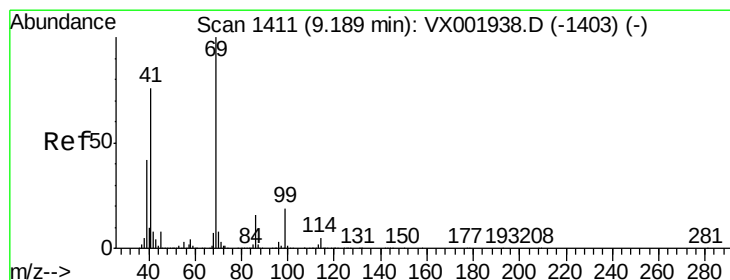
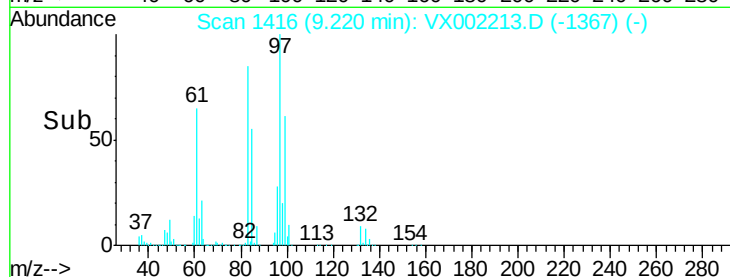
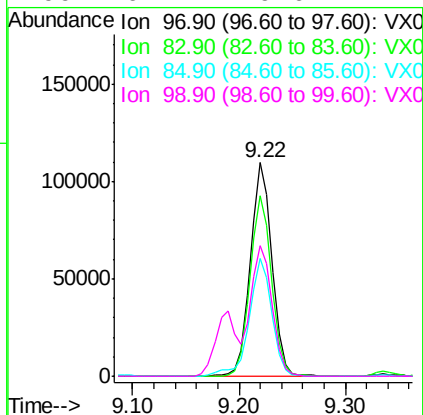
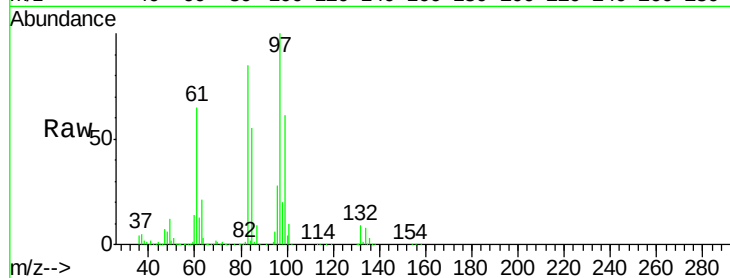




#55
 1,1,2-Trichloroethane
 Concen: 47.700 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

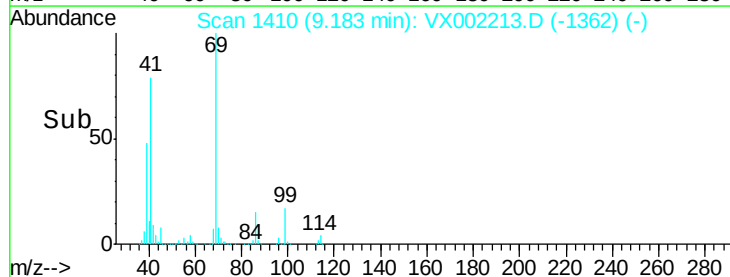
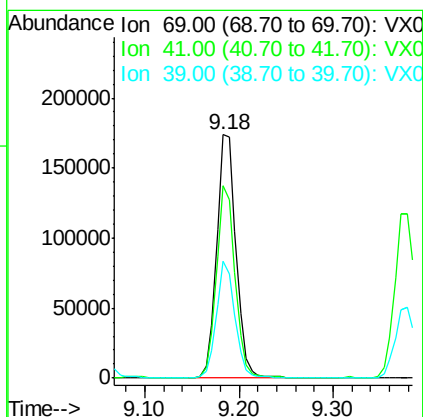
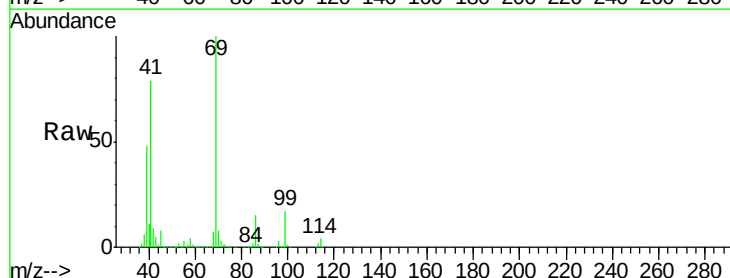
Instrument :
 MSVOA_X
 ClientSampleId :

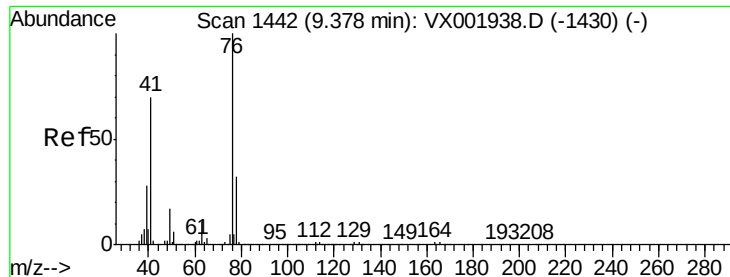
Tot Ion:	97	Resp:	156643
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.1	103.7
85	55.1	45.2	67.8
99	61.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 44.026 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion:	69	Resp:	248681
Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.0	91.6
39	45.4	34.4	51.6





#57

1,3-Dichloropropane

Concen: 47.810 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

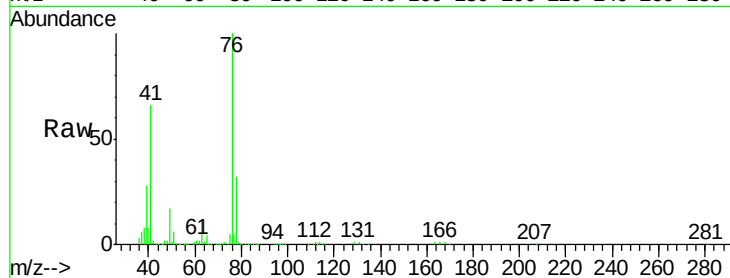
ClientSampleId :

Tot Ion: 76 Resp: 258648

Ion Ratio Lower Upper

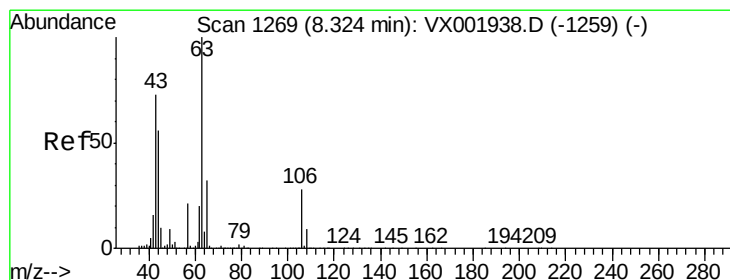
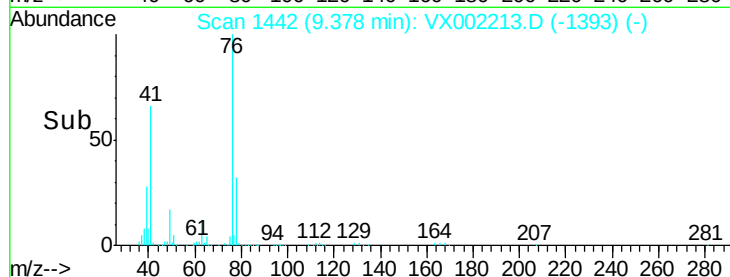
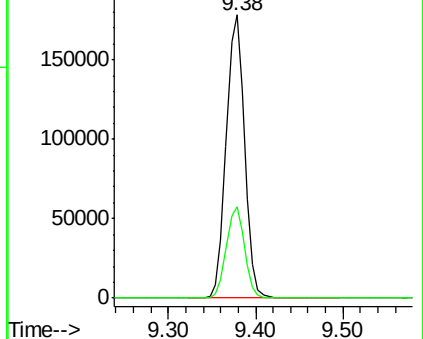
76 100

78 32.1 25.6 38.4



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: 223.910 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002213.D

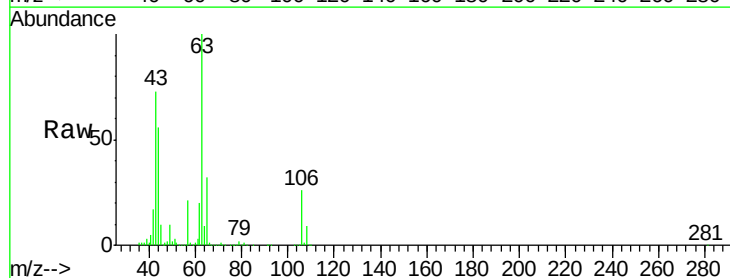
Acq: 01 Jun 2018 12:01

Tgt Ion: 63 Resp: 560573

Ion Ratio Lower Upper

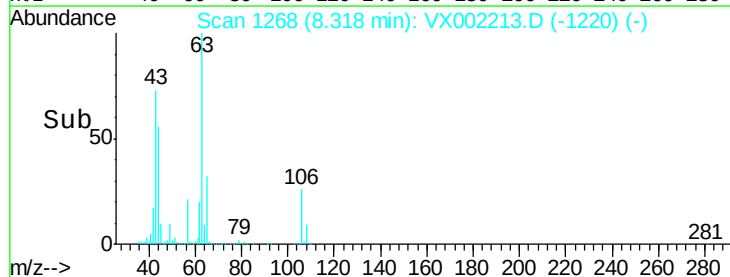
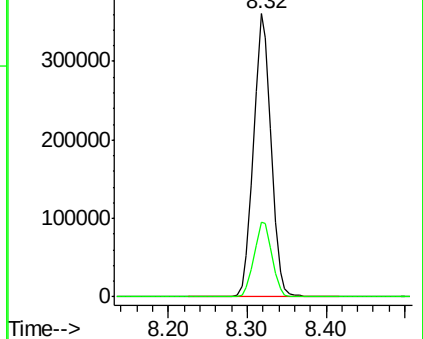
63 100

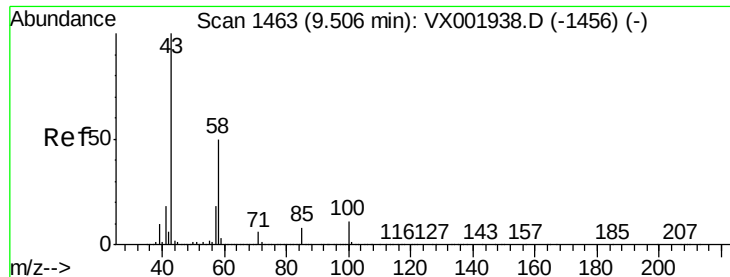
106 27.1 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

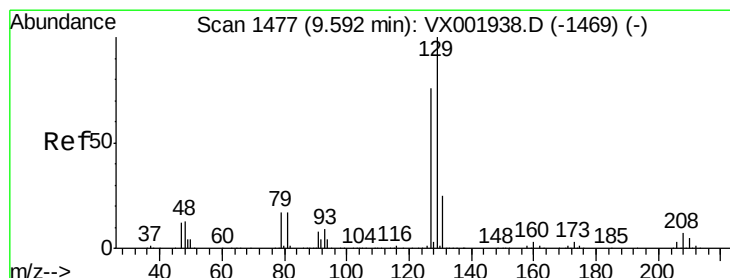
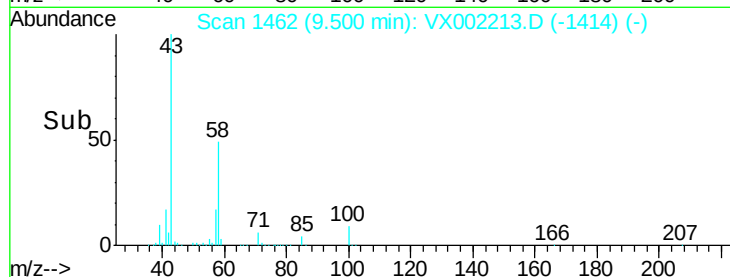
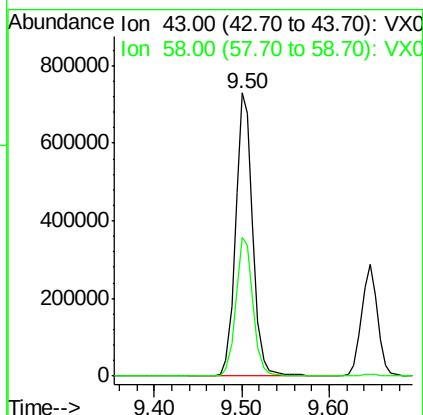
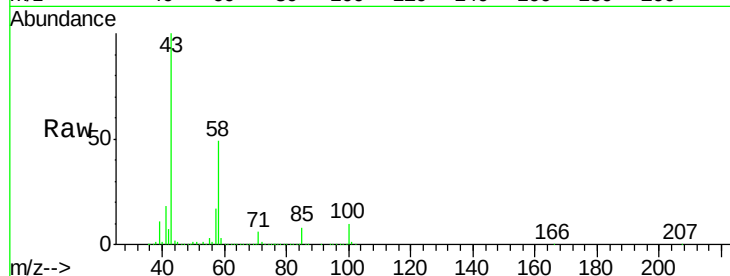




#59
2-Hexanone
Concen: 234.081 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

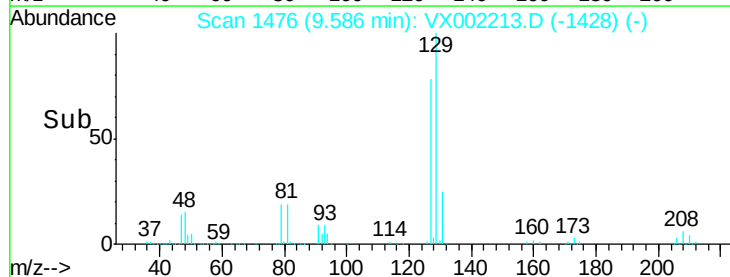
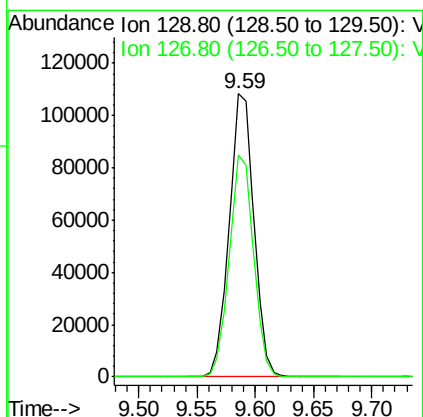
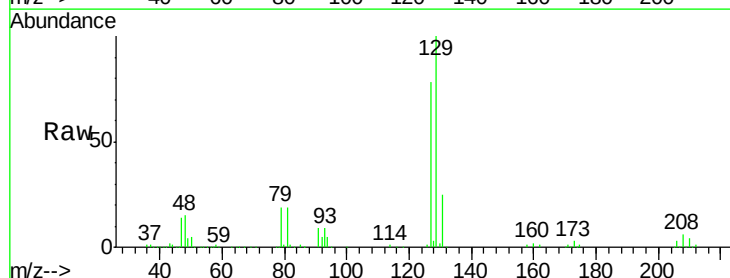
Instrument :
MSVOA_X
ClientSampleId :

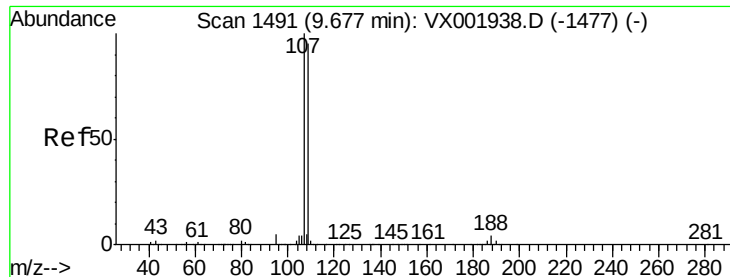
Tot Ion: 43 Resp: 996505
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6



#60
Dibromochloromethane
Concen: 41.156 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion: 129 Resp: 160083
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9

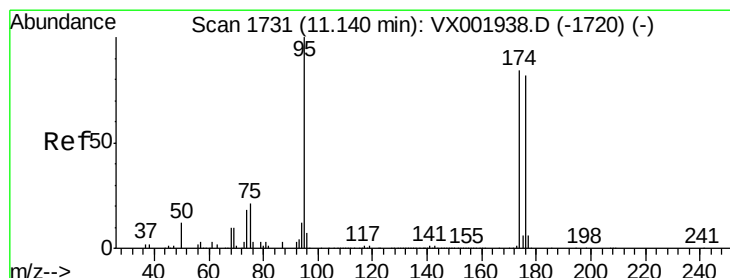
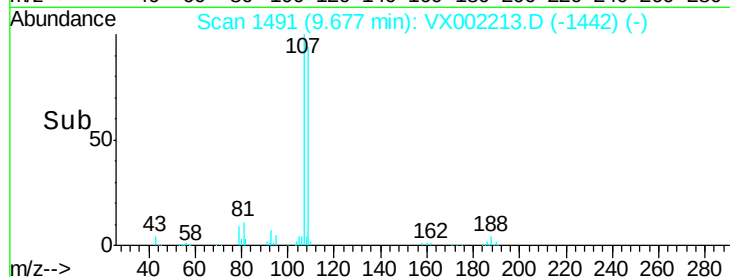
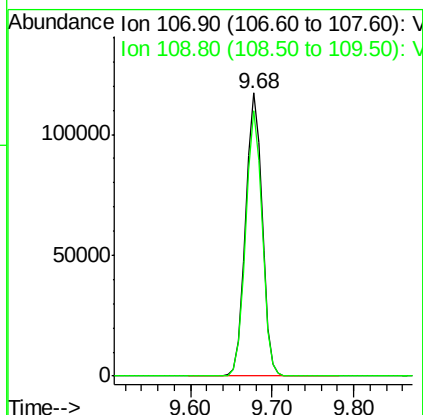
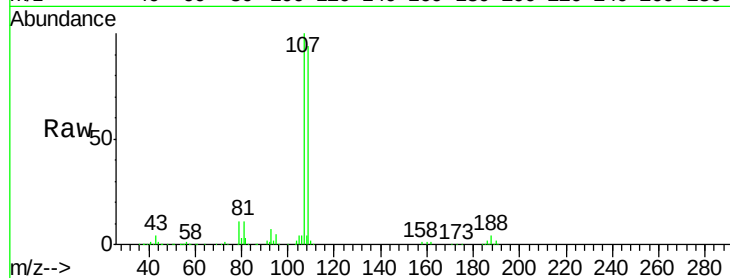




#61
 1,2-Dibromoethane
 Concen: 47.826 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

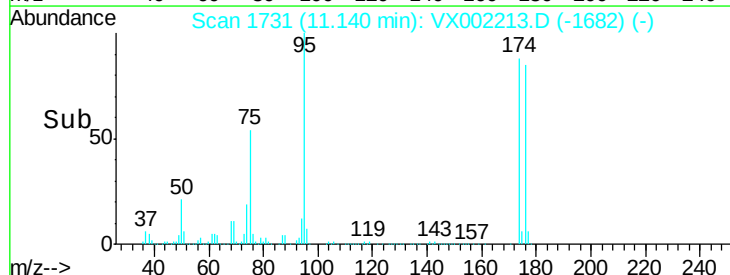
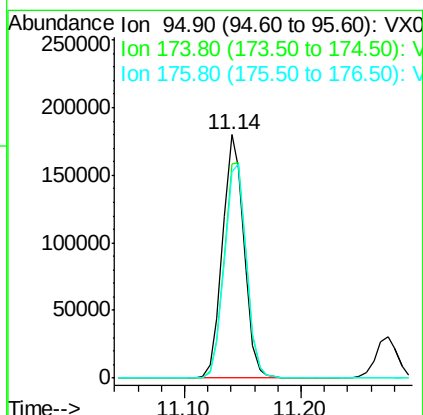
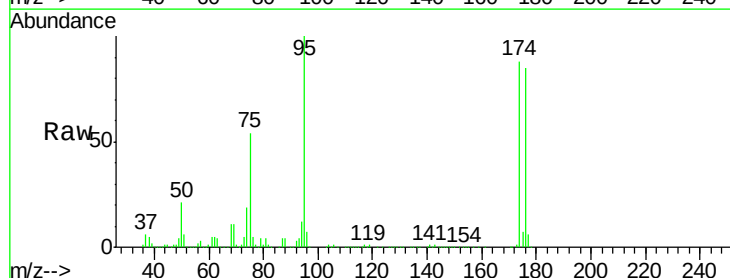
Instrument :
 MSVOA_X
 ClientSampled :

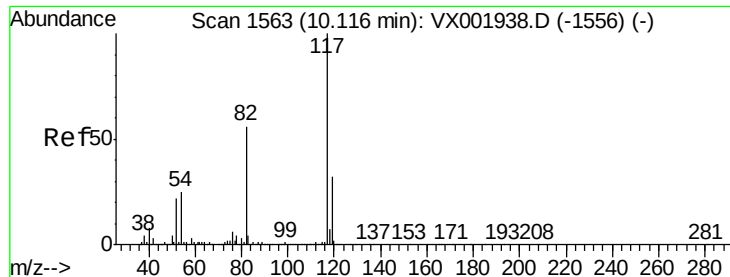
Tot Ion:107 Resp: 164801
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 53.146 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion: 95 Resp: 228189
 Ion Ratio Lower Upper
 95 100
 174 92.7 0.0 178.8
 176 90.8 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

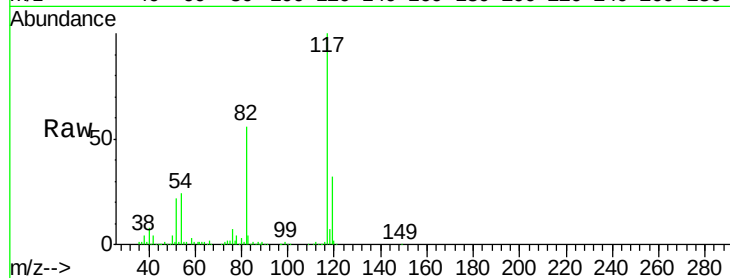
Tot Ion:117 Resp: 286496

Ion Ratio Lower Upper

117 100

82 55.8 44.8 67.2

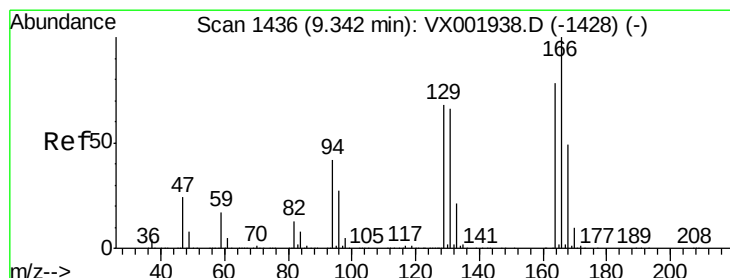
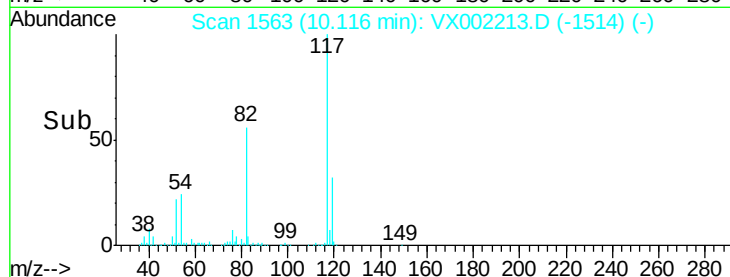
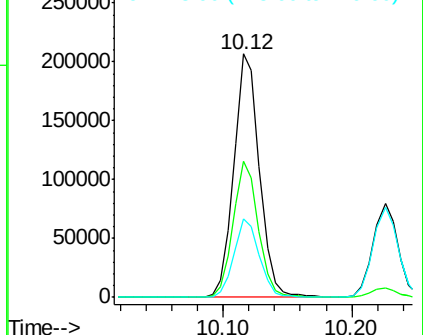
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.460 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion:164 Resp: 186736

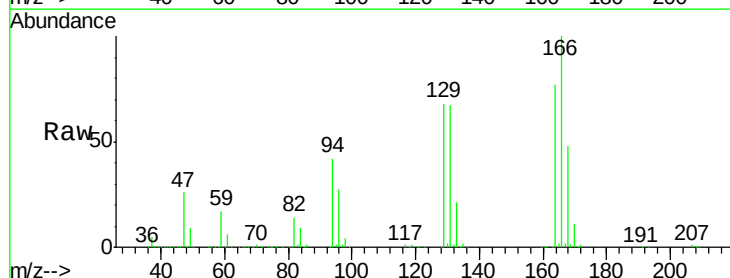
Ion Ratio Lower Upper

164 100

166 129.1 102.7 154.1

129 87.3 70.3 105.5

131 86.3 68.2 102.4

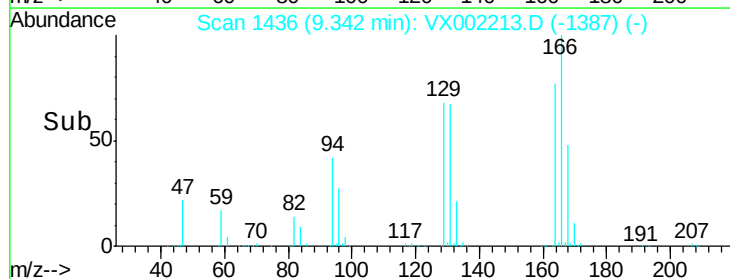
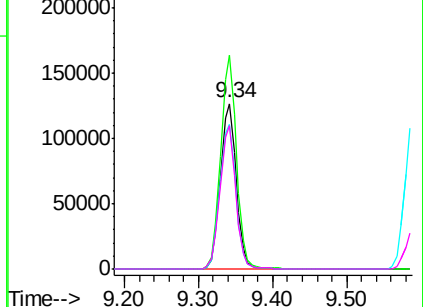


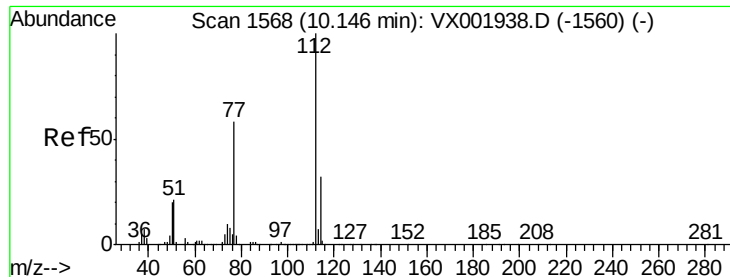
Abundance Ion 163.80 (163.50 to 164.50): V

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

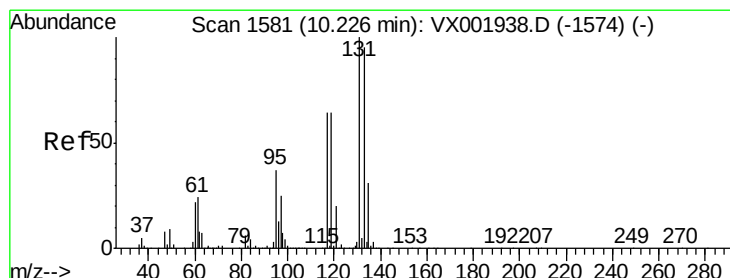
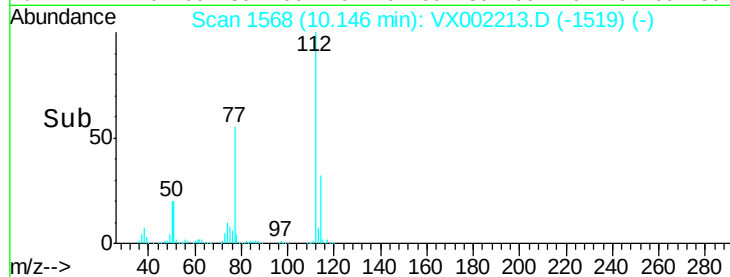
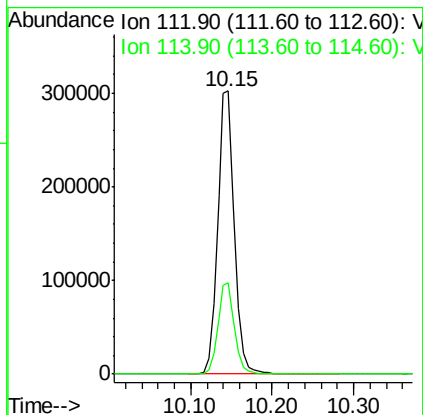
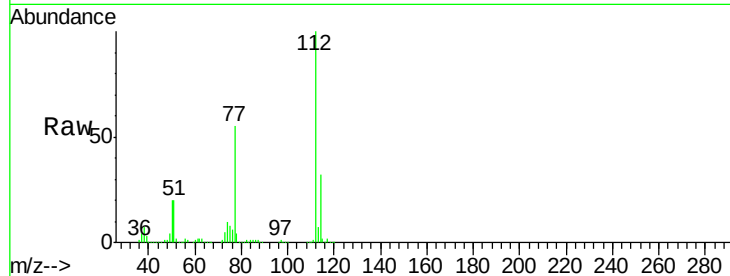




#65
Chlorobenzene
Concen: 47.720 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

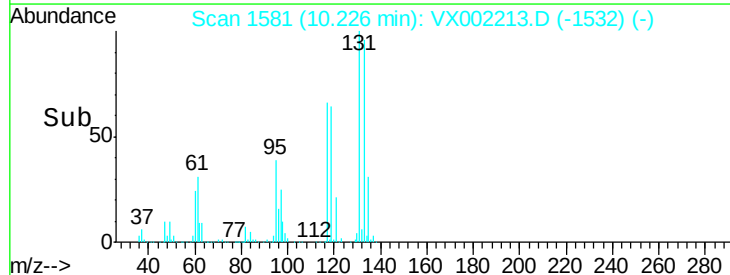
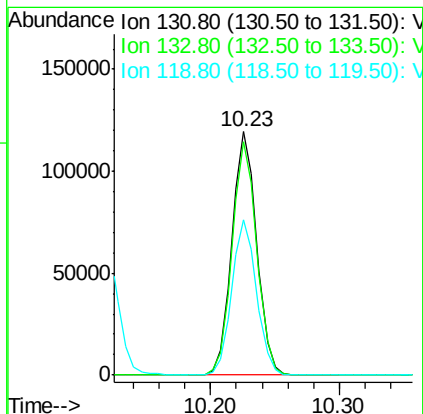
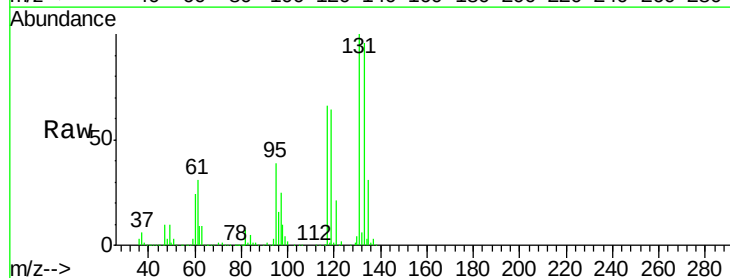
Instrument :
MSVOA_X
ClientSampleId :

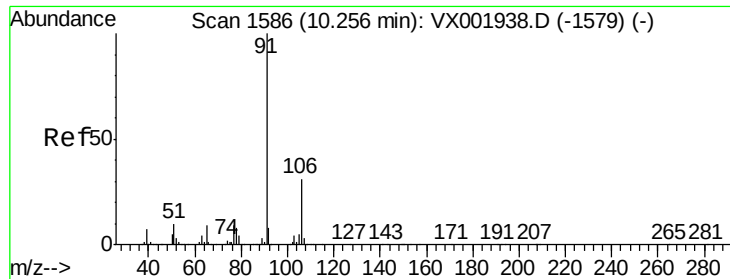
Tot Ion:112 Resp: 433150
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 43.767 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion:131 Resp: 160420
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 63.8 31.9 95.5





#67

Ethyl Benzene

Concen: 47.892 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

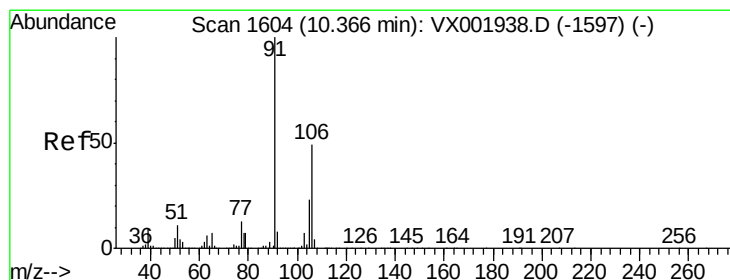
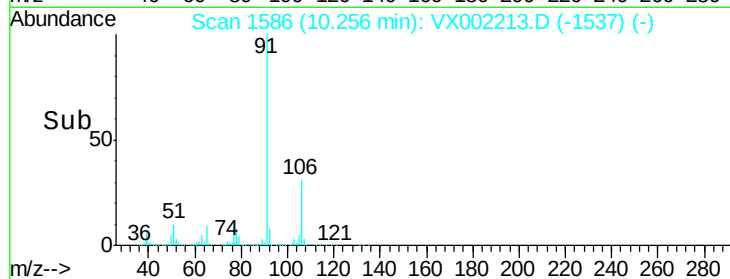
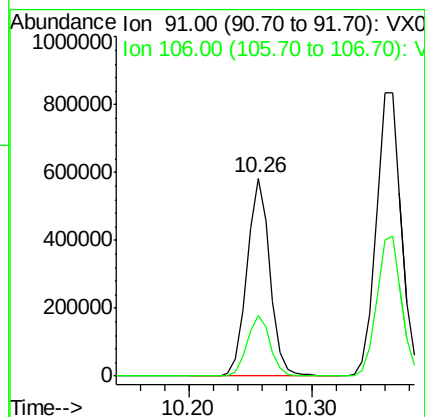
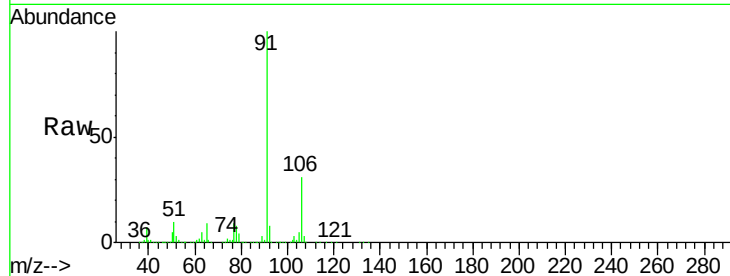
ClientSampleId :

Tot Ion: 91 Resp: 755286

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 97.031 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002213.D

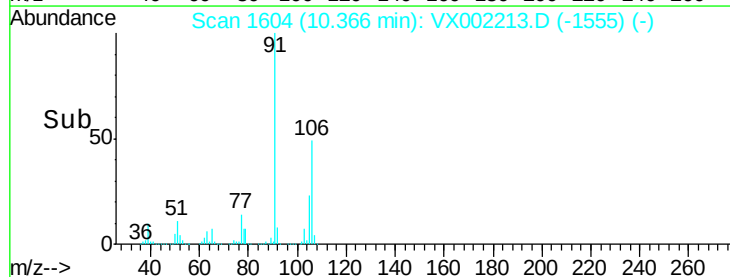
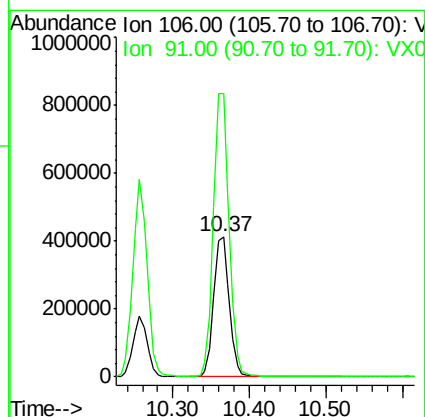
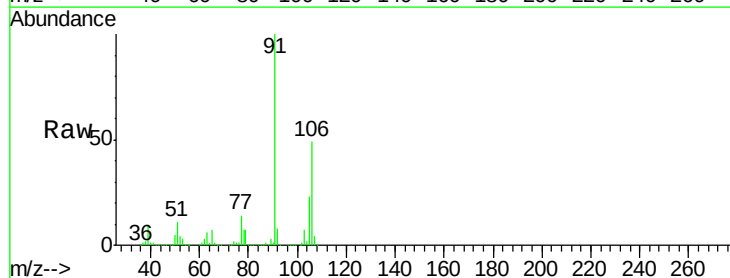
Acq: 01 Jun 2018 12:01

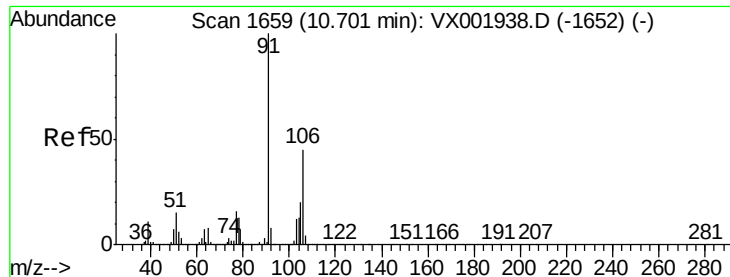
Tgt Ion: 106 Resp: 584957

Ion Ratio Lower Upper

106 100

91 204.6 165.0 247.6

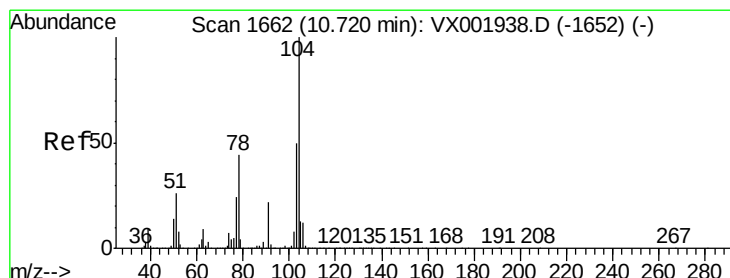
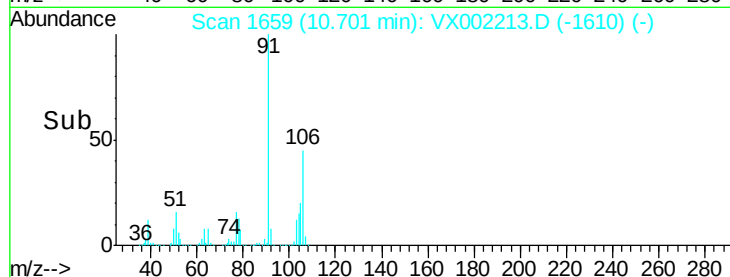
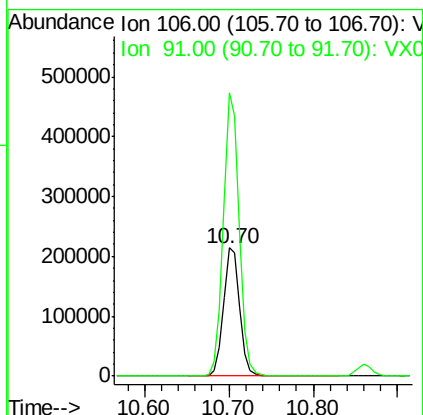
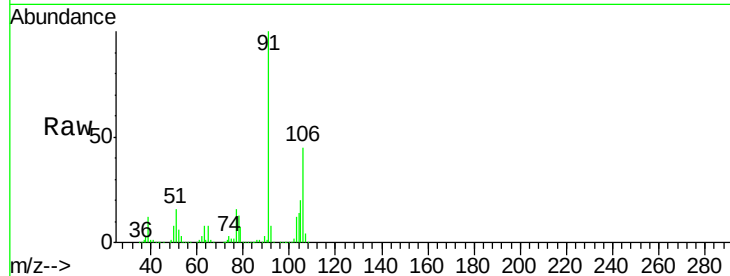




#69
o-Xylene
Concen: 47.488 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

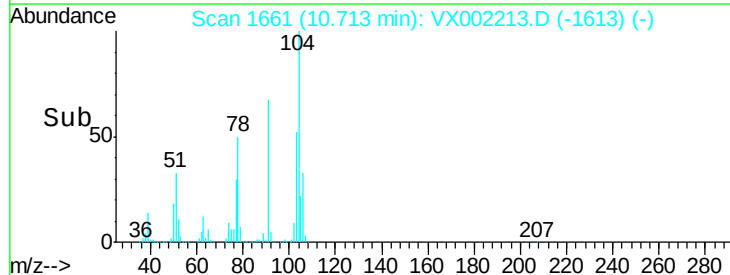
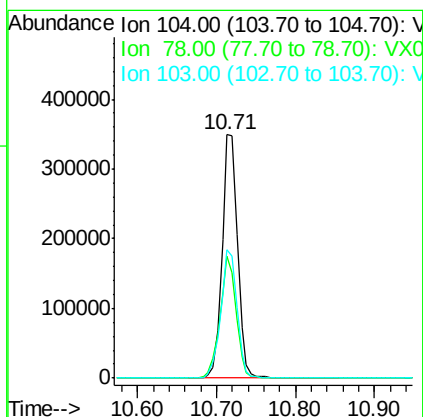
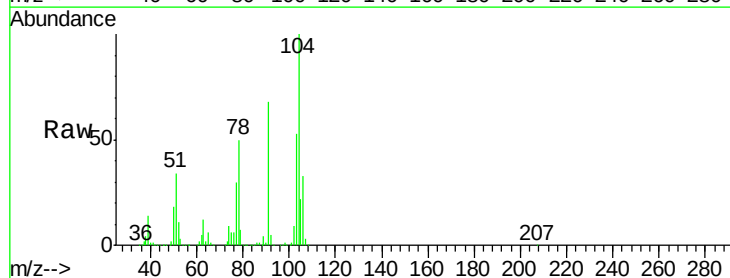
Instrument :
MSVOA_X
ClientSampled :

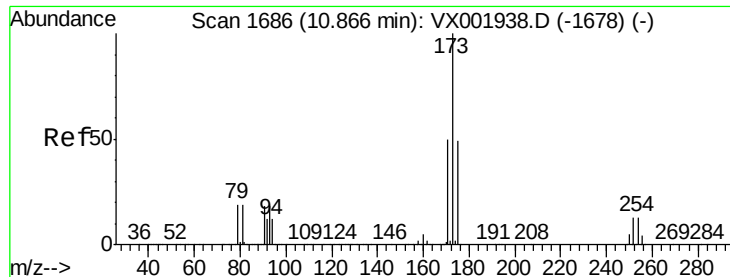
Tot Ion:106 Resp: 285848
Ion Ratio Lower Upper
106 100
91 216.3 108.7 325.9



#70
Styrene
Concen: 47.689 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002213.D
Acq: 01 Jun 2018 12:01

Tgt Ion:104 Resp: 476058
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.6
103 55.9 44.6 67.0





#71

Bromoform

Concen: 36.265 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampled :

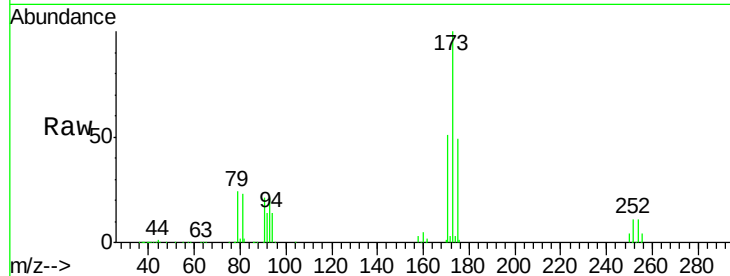
Tot Ion:173 Resp: 126040

Ion Ratio Lower Upper

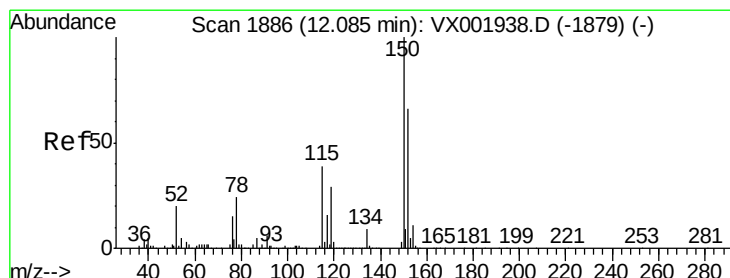
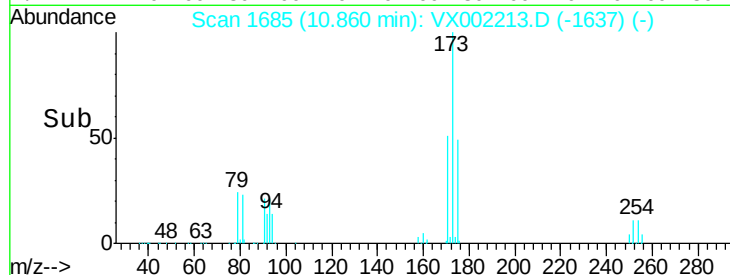
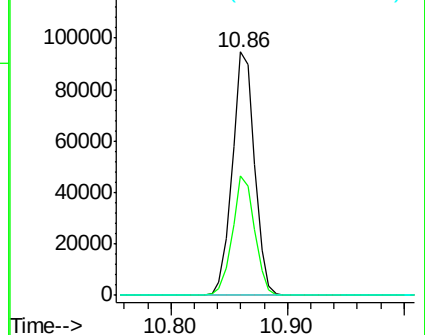
173 100

175 48.7 24.3 72.9

254 0.2 0.1 0.1#



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

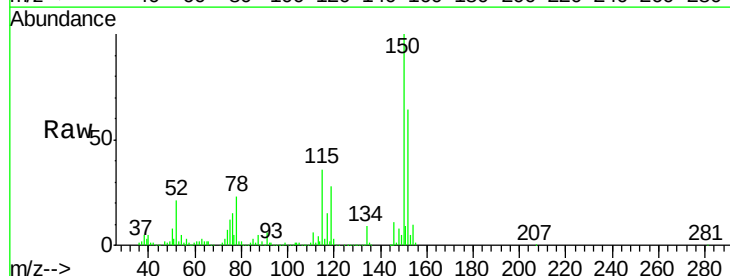
Tgt Ion:152 Resp: 198213

Ion Ratio Lower Upper

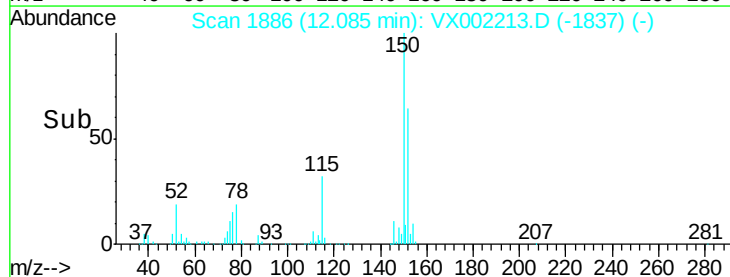
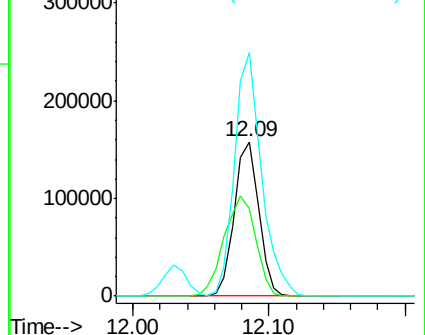
152 100

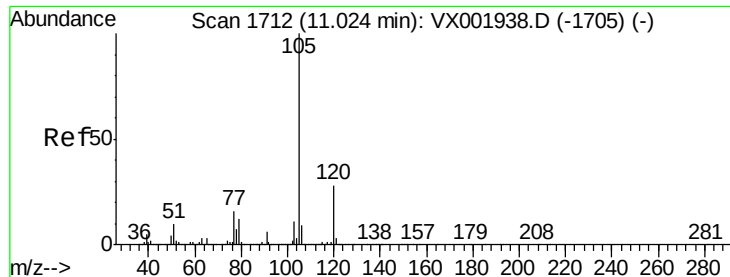
115 83.8 42.3 126.8

150 175.5 0.0 351.0



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: 46.324 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

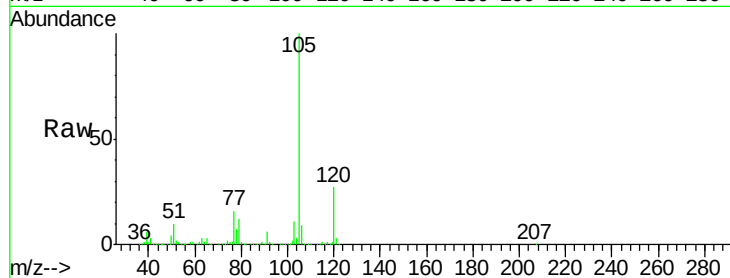
ClientSampleId :

Tot Ion:105 Resp: 777546

Ion Ratio Lower Upper

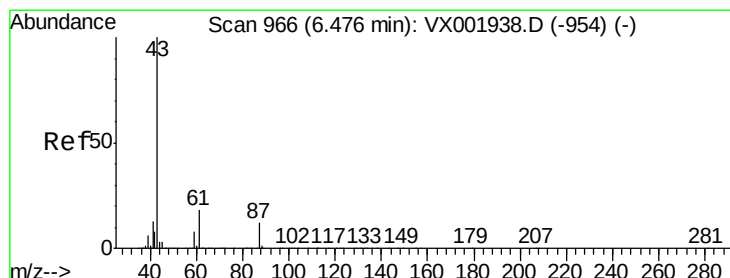
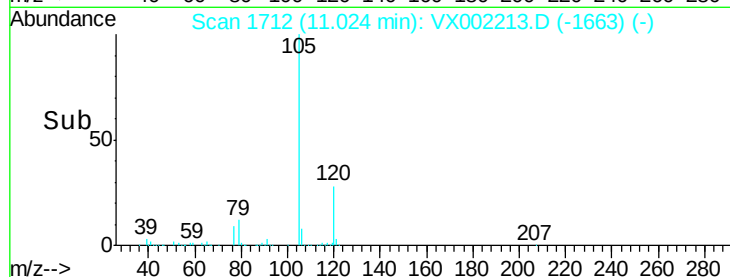
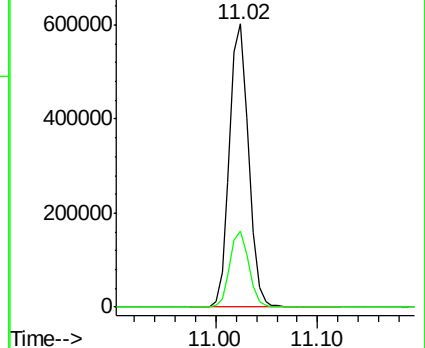
105 100

120 26.8 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.269 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Tgt Ion: 43 Resp: 396773

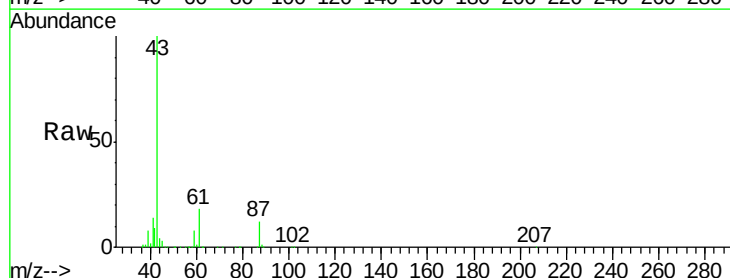
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.7 14.5 21.7

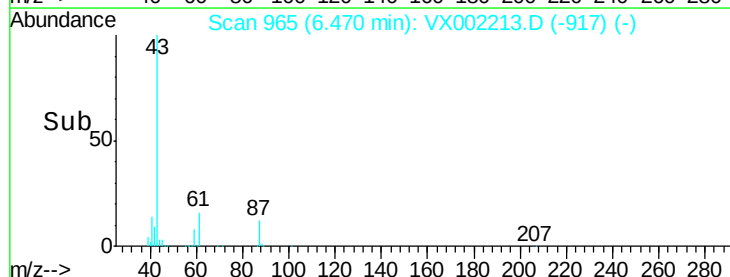
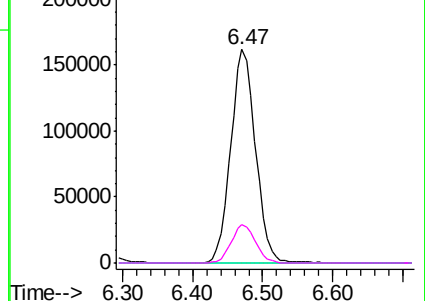


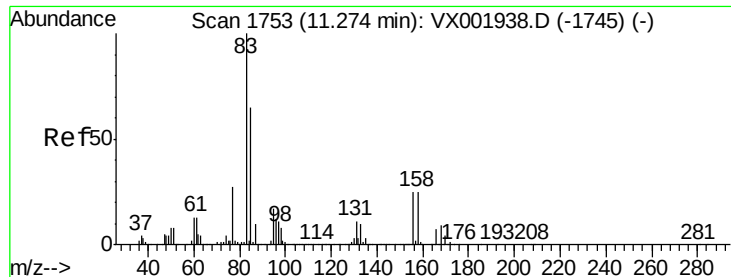
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.397 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

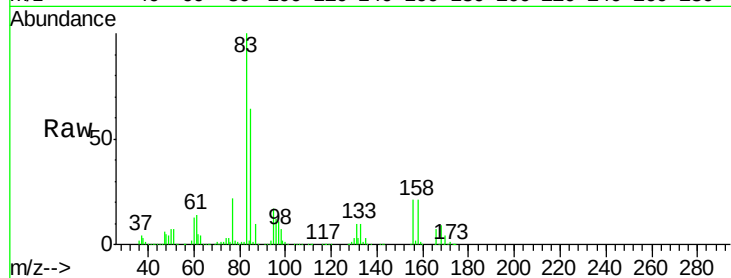
Tot Ion: 83 Resp: 231308

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

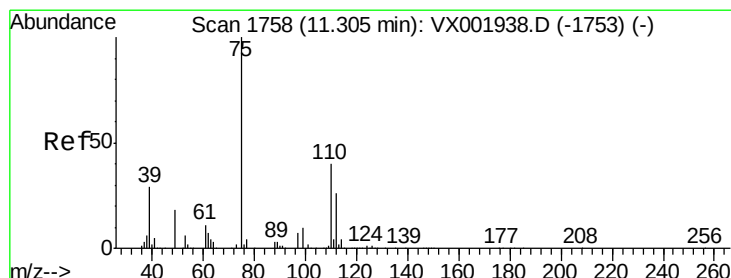
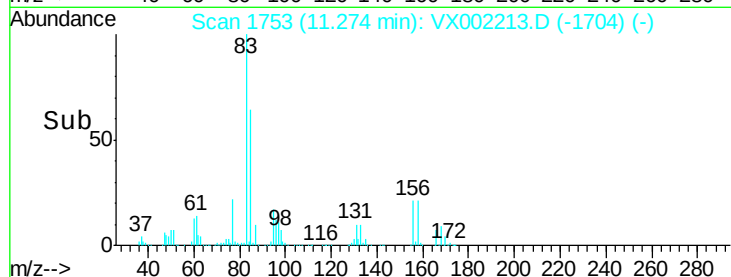
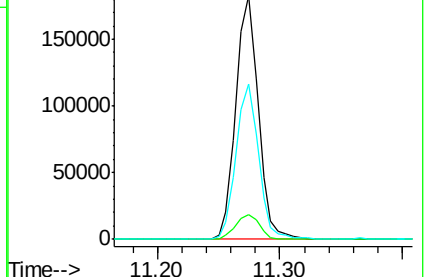
85 63.9 32.6 97.7



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: 59.875 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002213.D

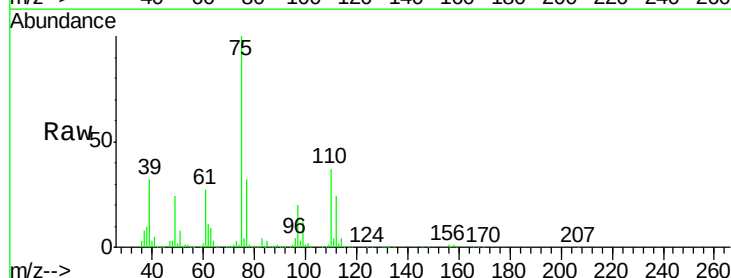
Acq: 01 Jun 2018 12:01

Tgt Ion: 75 Resp: 285063

Ion Ratio Lower Upper

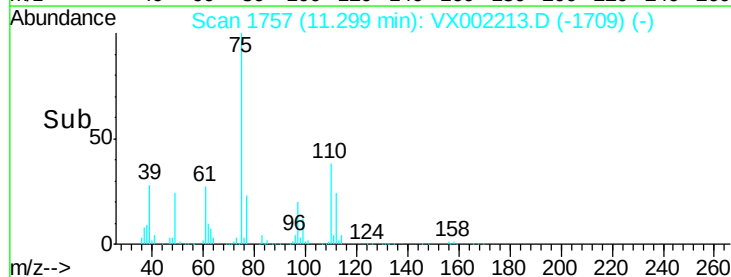
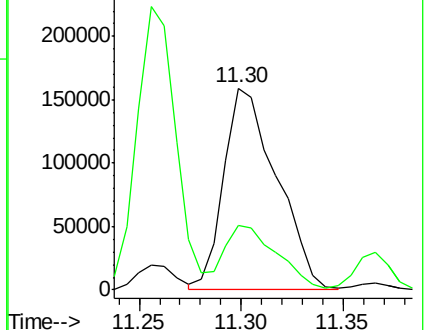
75 100

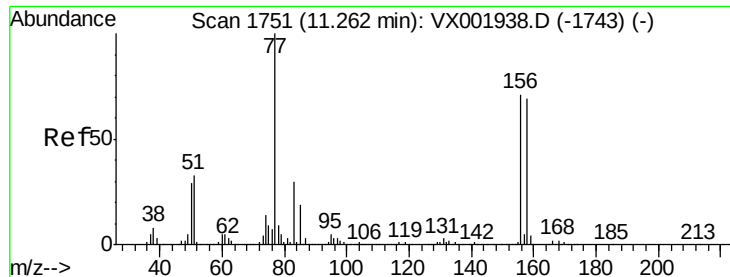
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.123 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

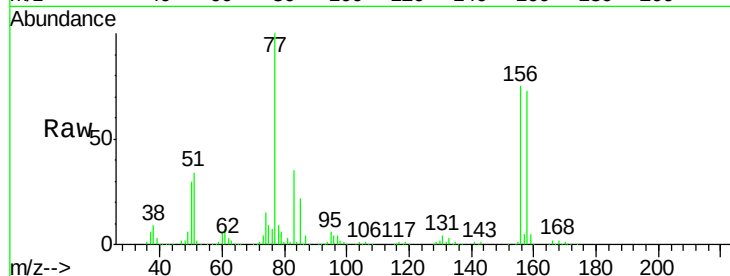
Tot Ion:156 Resp: 205396

Ion Ratio Lower Upper

156 100

77 143.6 75.2 225.6

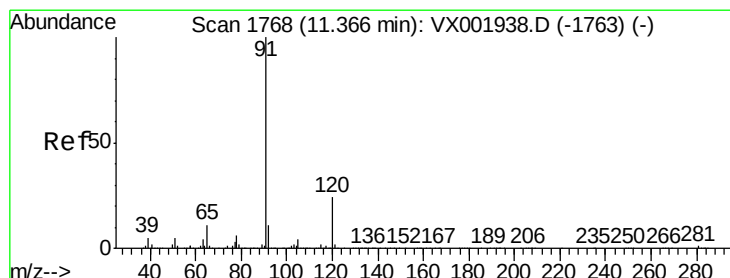
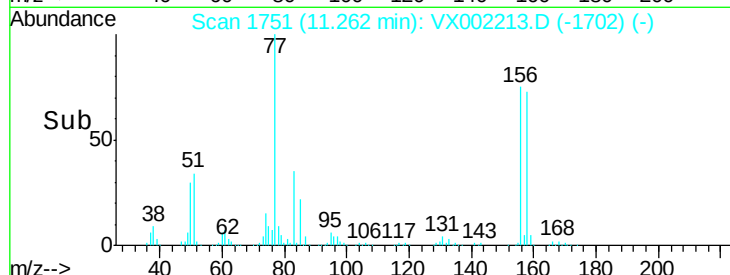
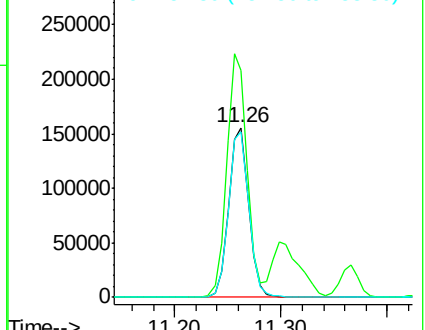
158 99.3 48.6 145.8



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: 46.982 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002213.D

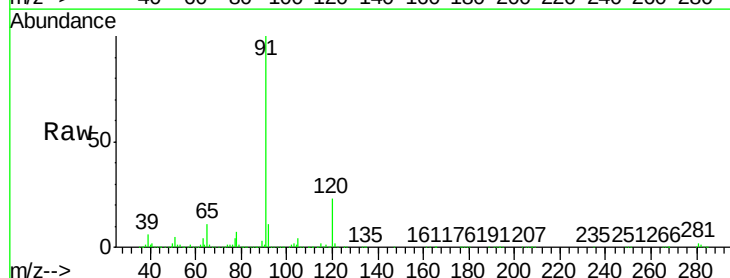
Acq: 01 Jun 2018 12:01

Tgt Ion: 91 Resp: 883217

Ion Ratio Lower Upper

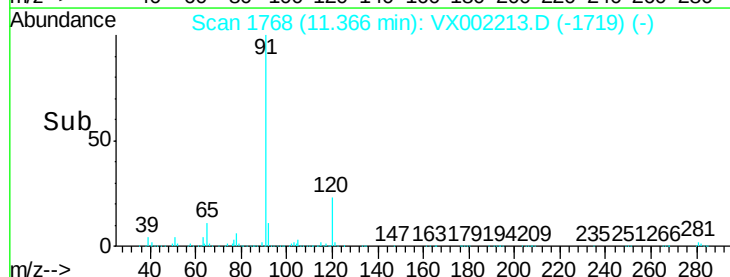
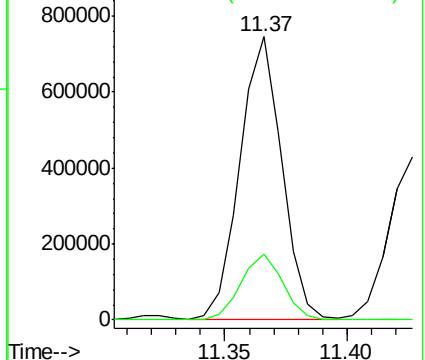
91 100

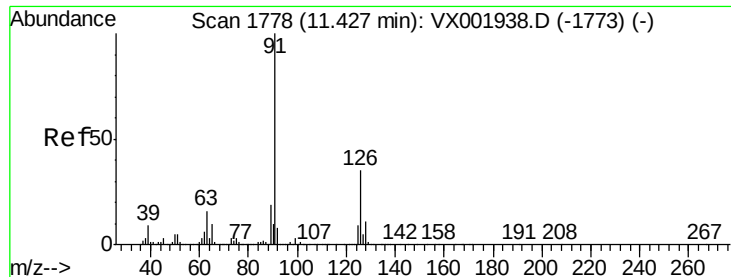
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.813 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

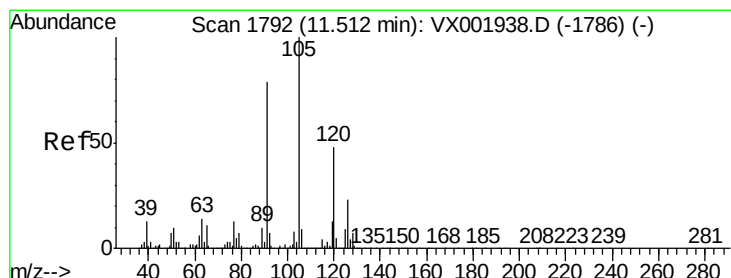
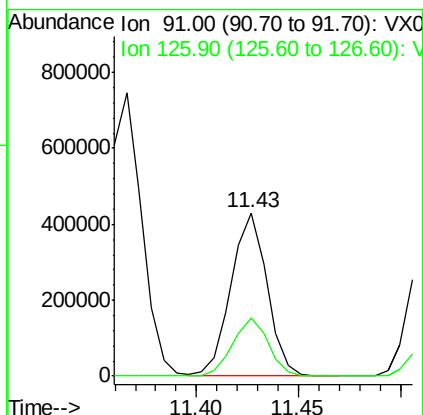
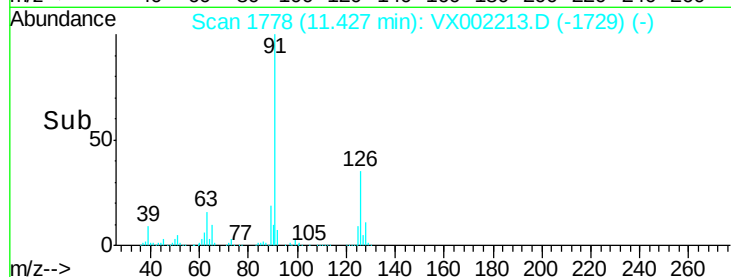
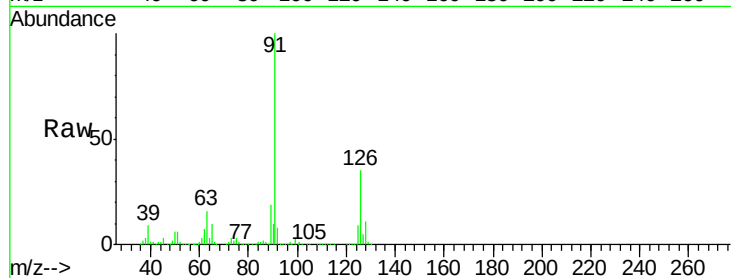
ClientSampled :

Tot Ion: 91 Resp: 523624

Ion Ratio Lower Upper

91 100

126 35.5 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.221 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002213.D

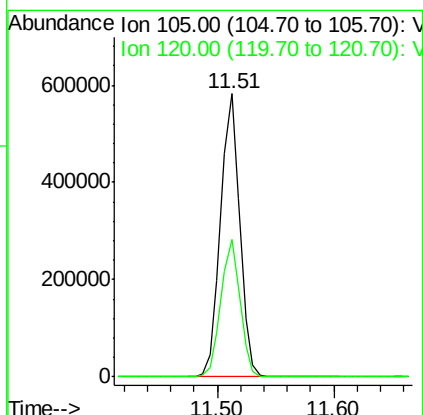
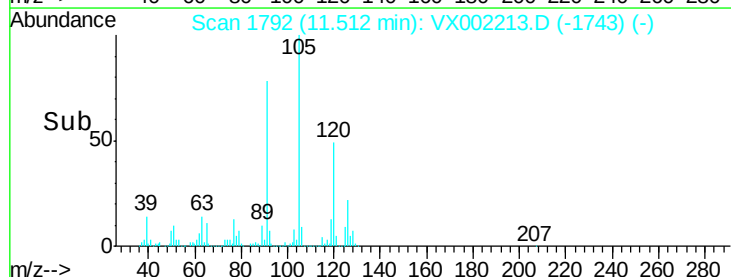
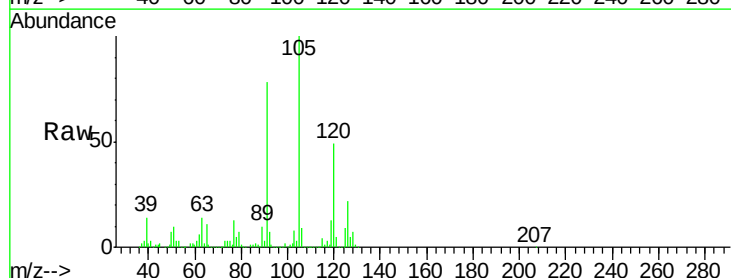
Acq: 01 Jun 2018 12:01

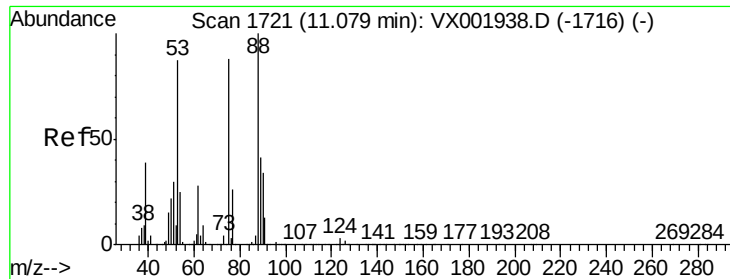
Tgt Ion: 105 Resp: 663009

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 35.227 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

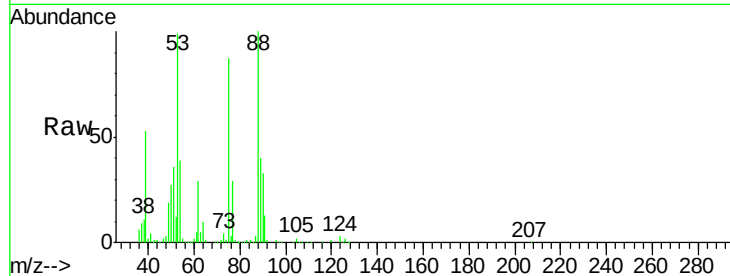
Tot Ion: 75 Resp: 69782

Ion Ratio Lower Upper

75 100

53 113.1 78.0 117.0

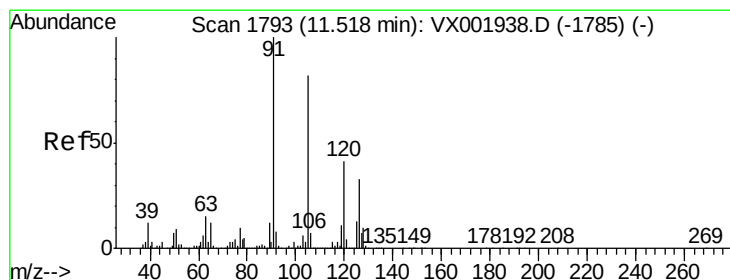
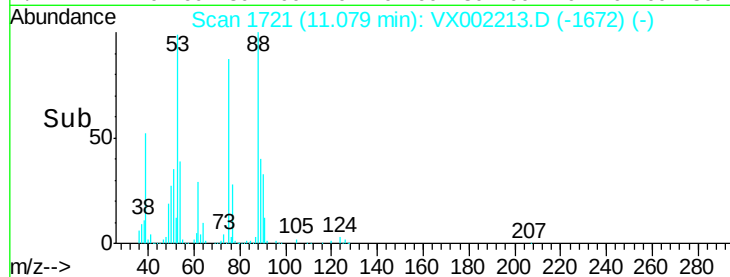
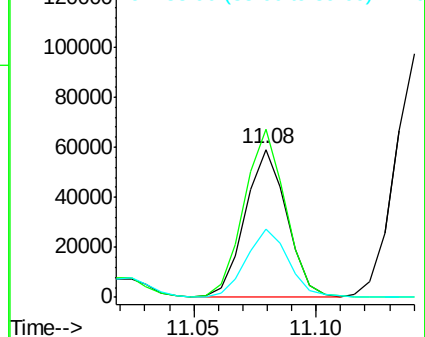
89 47.7 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 46.864 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX002213.D

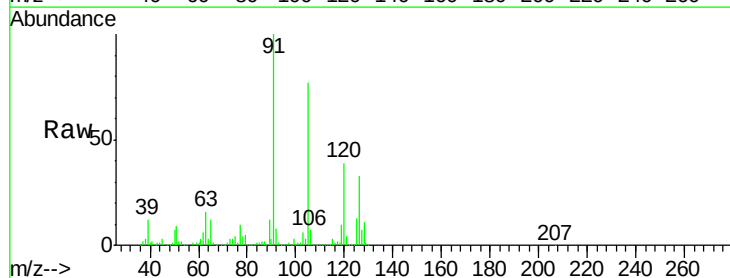
Acq: 01 Jun 2018 12:01

Tgt Ion: 91 Resp: 621367

Ion Ratio Lower Upper

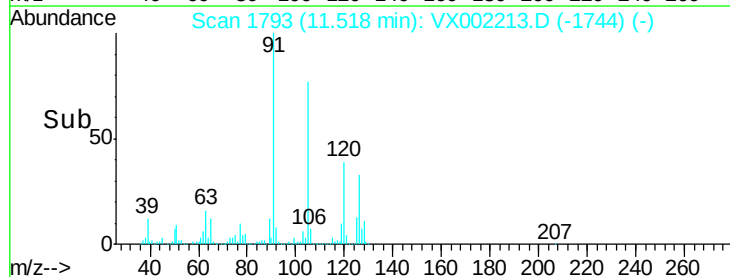
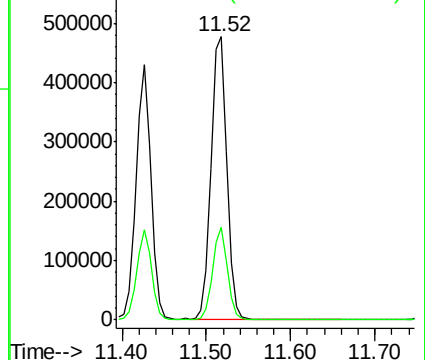
91 100

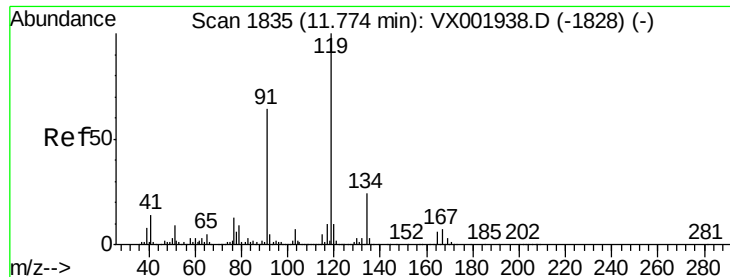
126 30.5 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

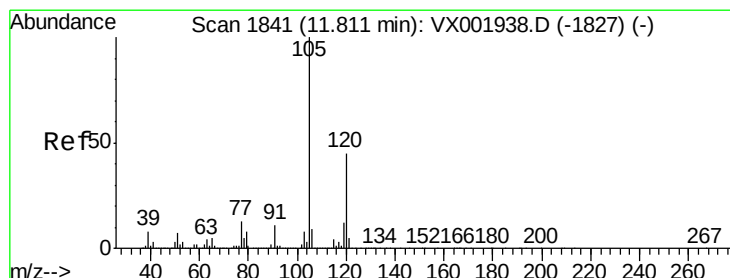
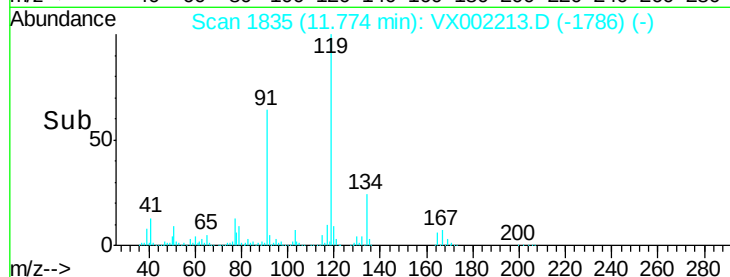
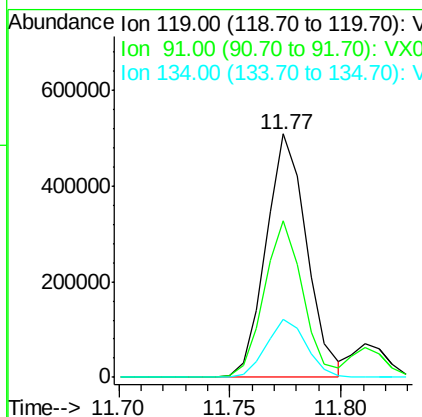
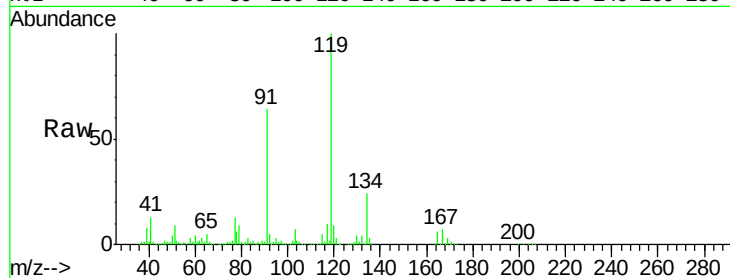




#83
 tert-Butylbenzene
 Concen: 45.936 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

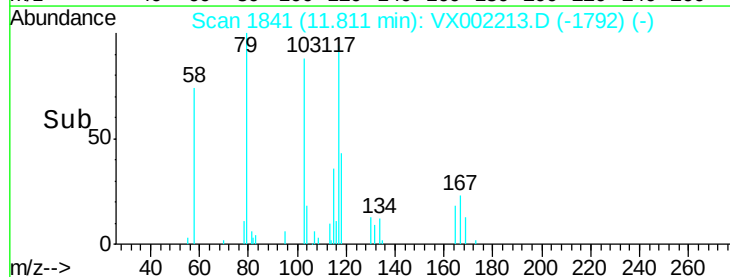
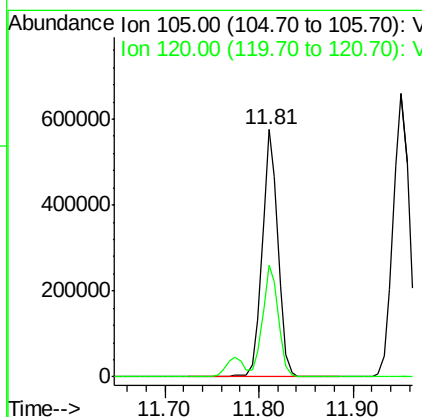
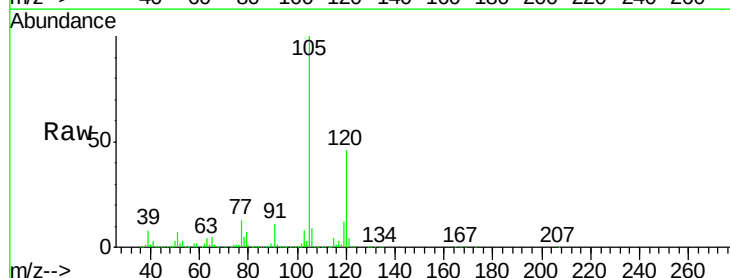
Instrument :
 MSVOA_X
 ClientSampleId :

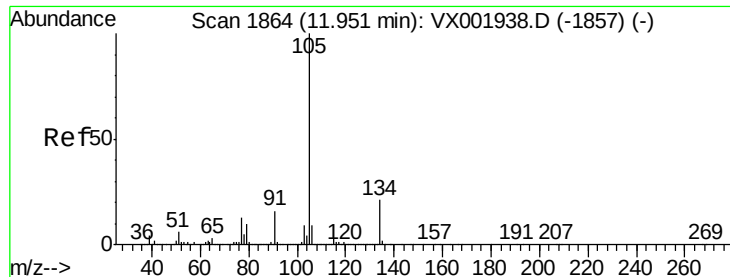
Tot Ion:119 Resp: 646594
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 91.8
 134 23.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.024 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion:105 Resp: 682228
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5





#85

sec-Butylbenzene

Concen: 47.036 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

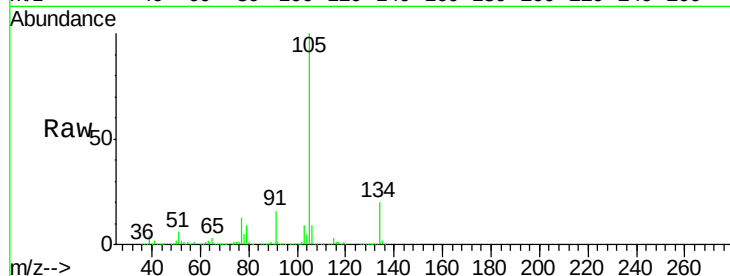
ClientSampleId :

Tot Ion:105 Resp: 795873

Ion Ratio Lower Upper

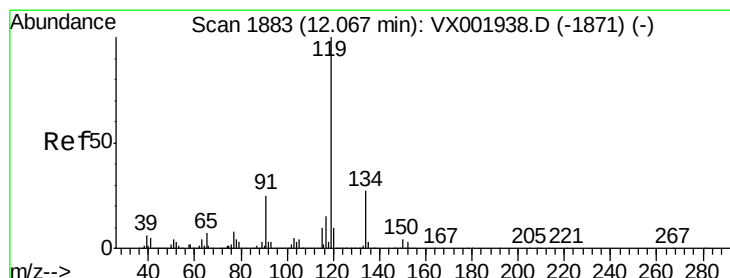
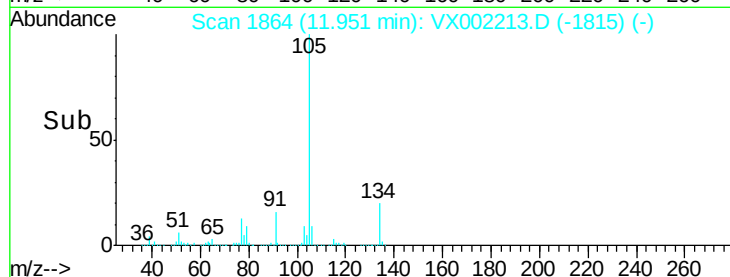
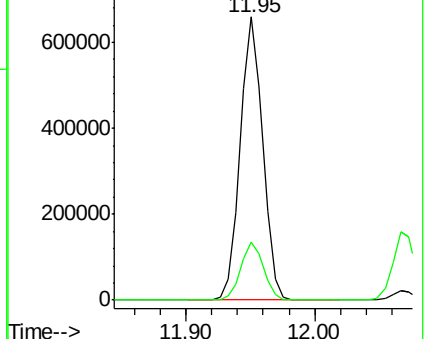
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.347 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

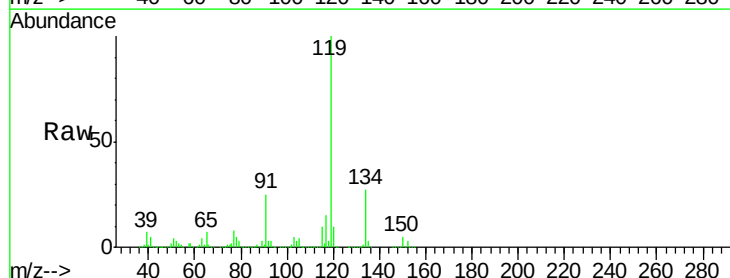
Tgt Ion:119 Resp: 716889

Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

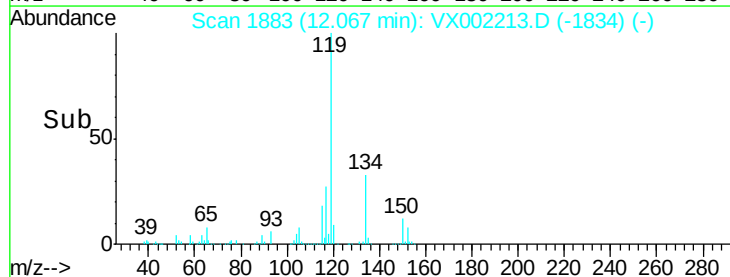
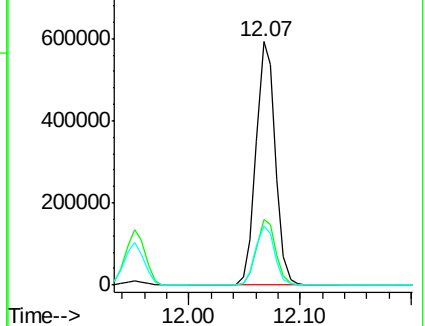
91 24.2 12.2 36.4

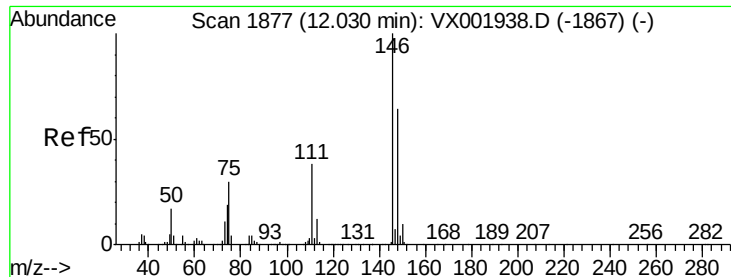


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

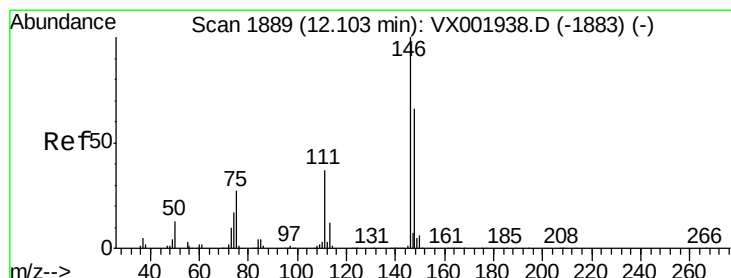
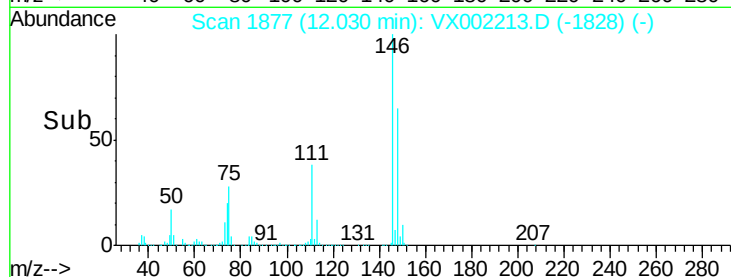
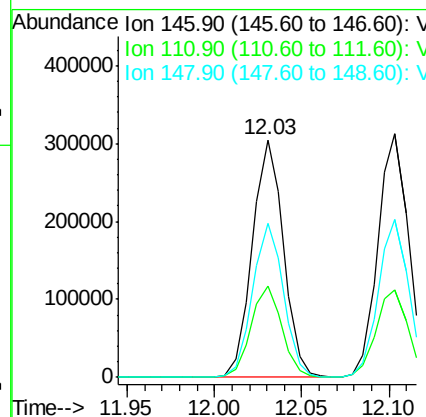
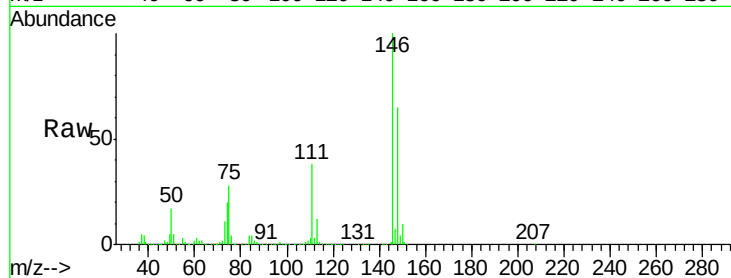




#87
 1,3-Dichlorobenzene
 Concen: 47.200 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

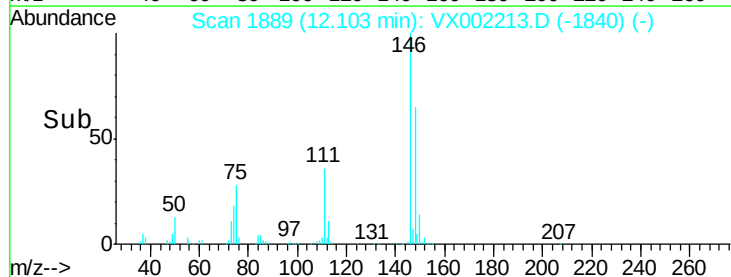
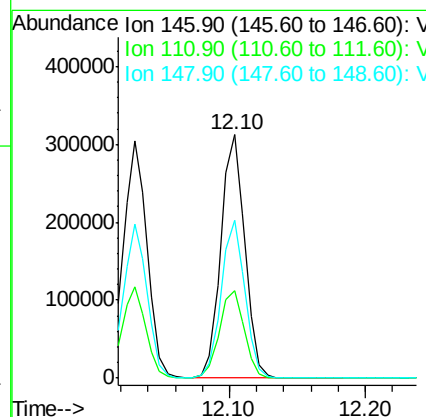
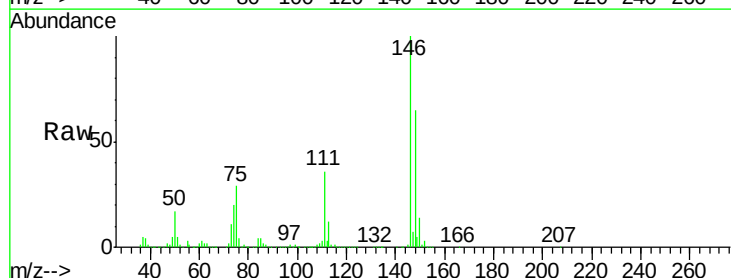
Instrument :
 MSVOA_X
 ClientSampleId :

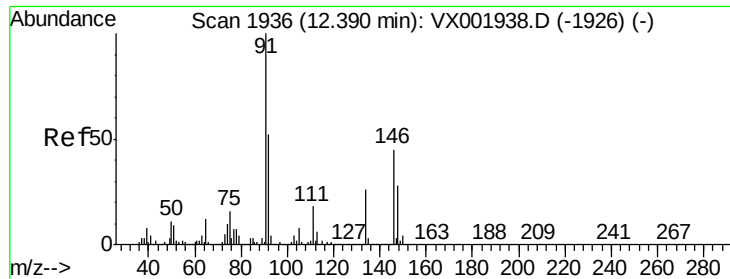
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	64.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.717 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.5
148	64.2	32.3	96.8





#89

n-Butylbenzene

Concen: 48.430 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

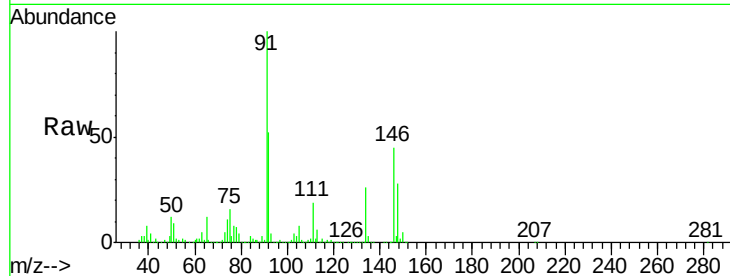
Tot Ion: 91 Resp: 621339

Ion Ratio Lower Upper

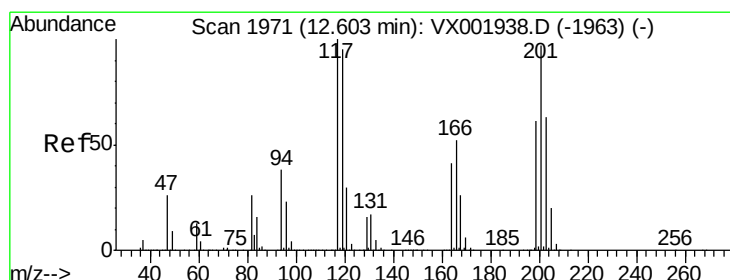
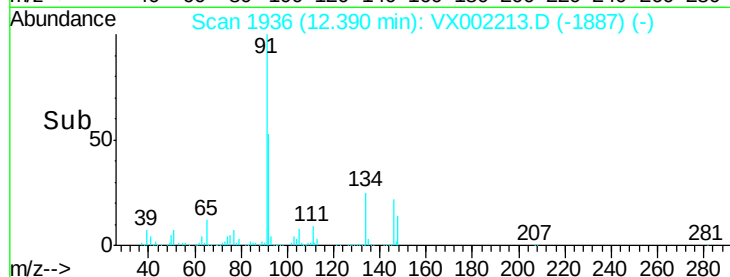
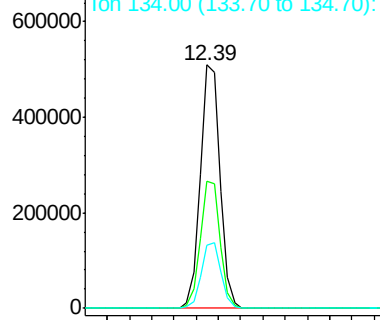
91 100

92 52.3 26.3 78.9

134 26.8 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)



#90

Hexachloroethane

Concen: 36.619 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002213.D

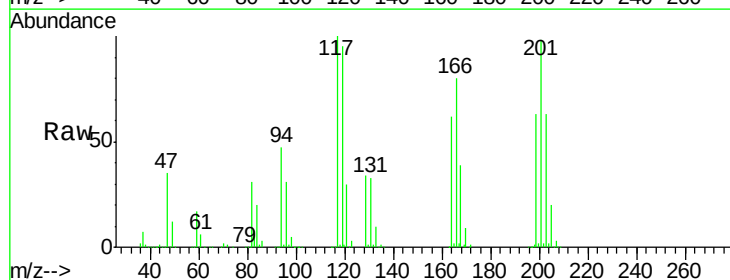
Acq: 01 Jun 2018 12:01

Tgt Ion: 117 Resp: 109366

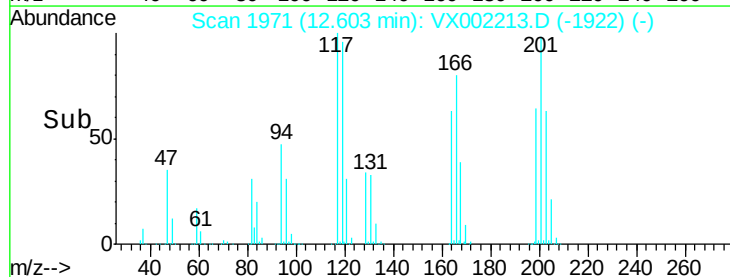
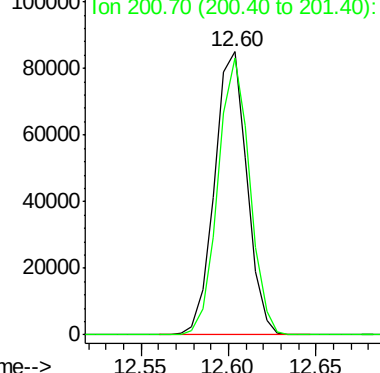
Ion Ratio Lower Upper

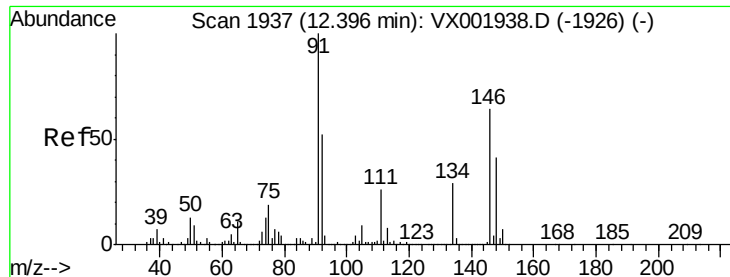
117 100

201 95.6 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)

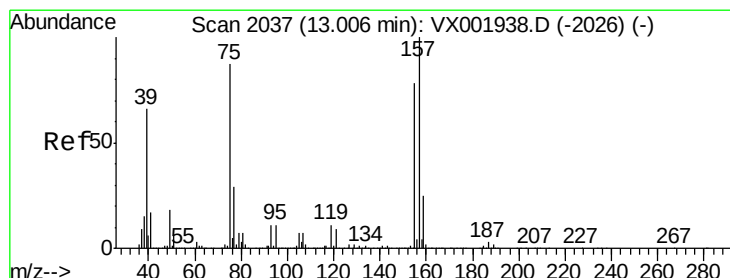
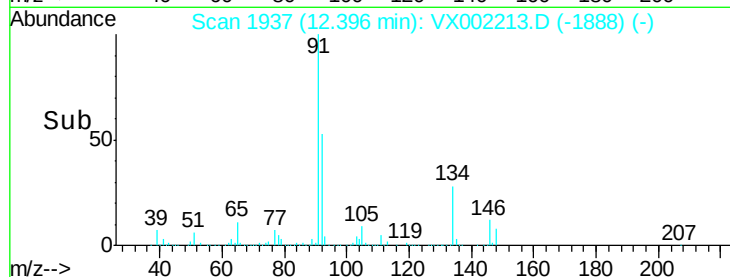
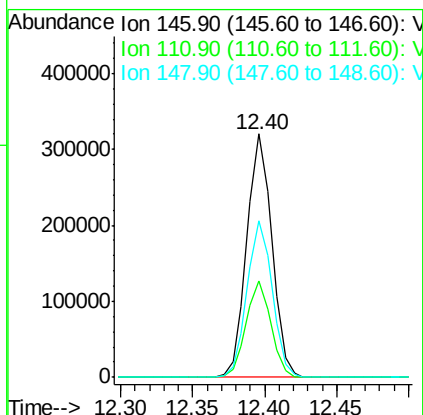
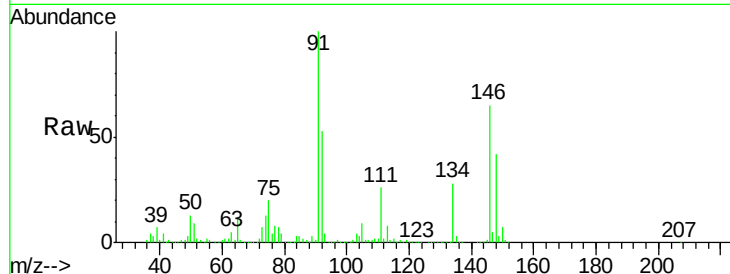




#91
 1,2-Dichlorobenzene
 Concen: 47.447 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

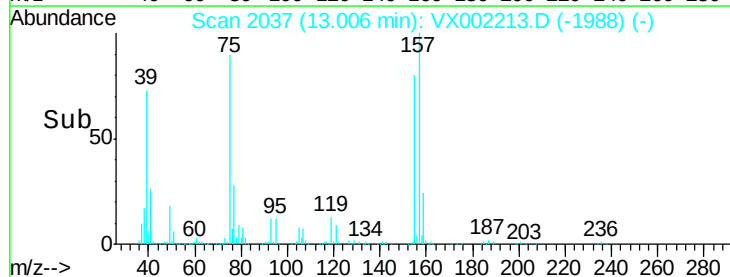
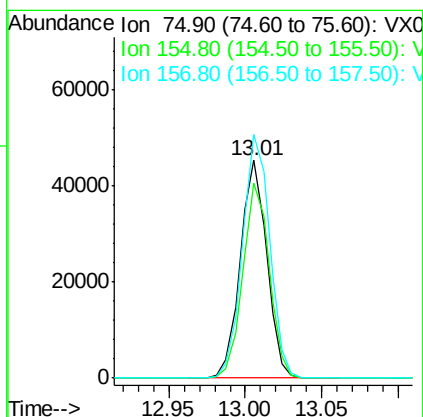
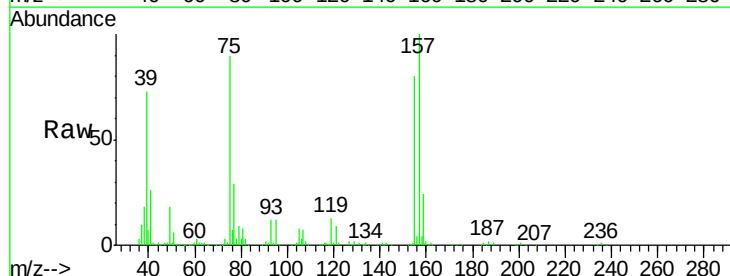
Instrument :
 MSVOA_X
 ClientSampled :

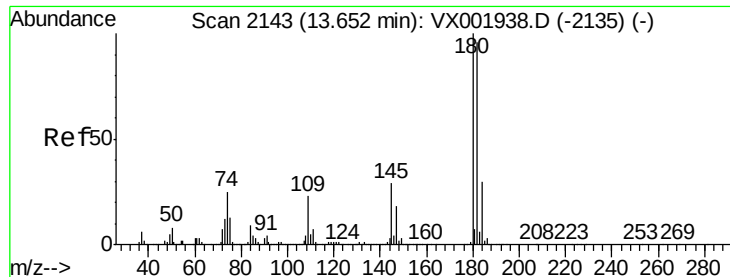
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 36.494 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.4	45.1	135.2
157	115.3	58.1	174.2

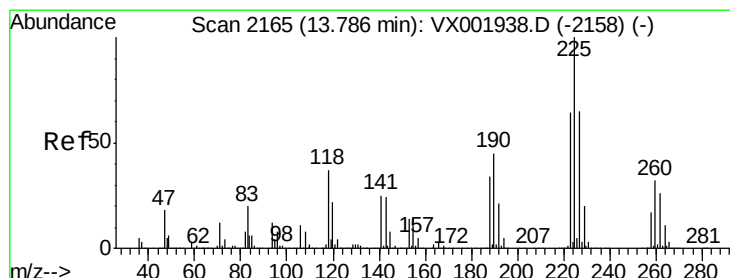
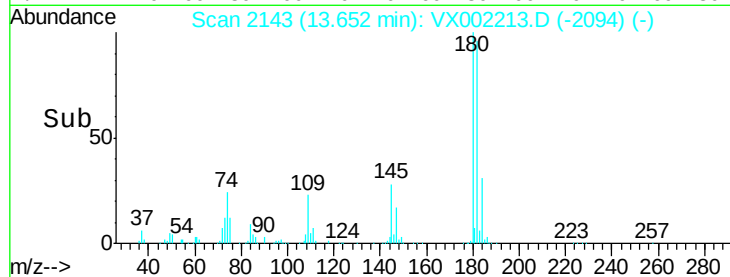
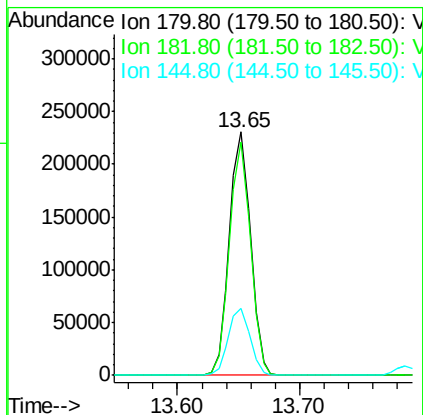
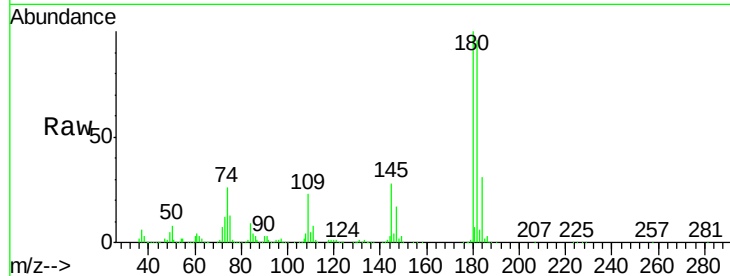




#93
 1,2,4-Trichlorobenzene
 Concen: 47.679 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

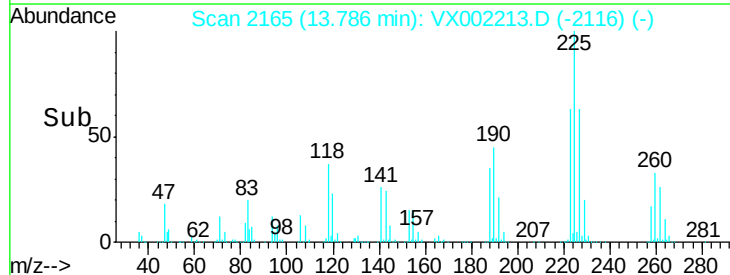
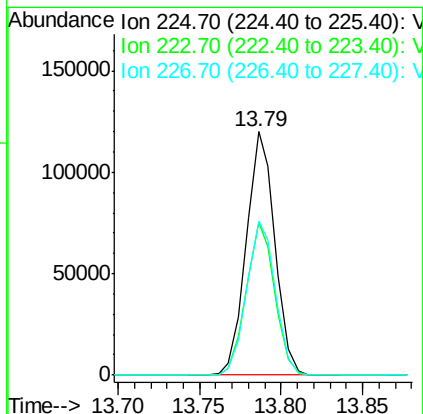
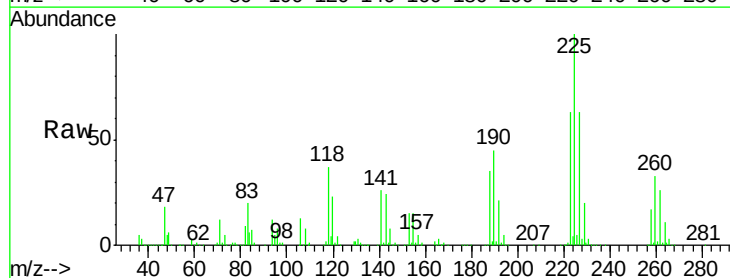
Instrument :
 MSVOA_X
 ClientSampleId :

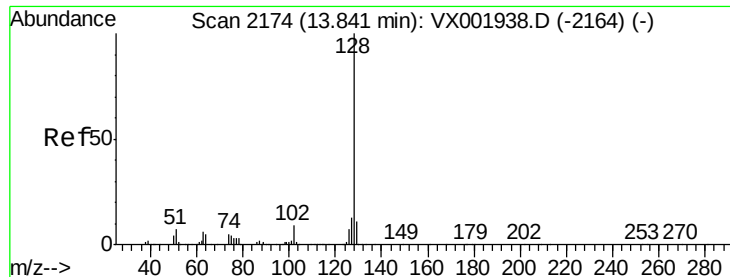
Tot Ion:180 Resp: 277041
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.7 143.1
 145 28.2 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 46.795 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002213.D
 Acq: 01 Jun 2018 12:01

Tgt Ion:225 Resp: 146265
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.5
 227 63.6 32.1 96.5





#95

Naphthalene

Concen: 45.580 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

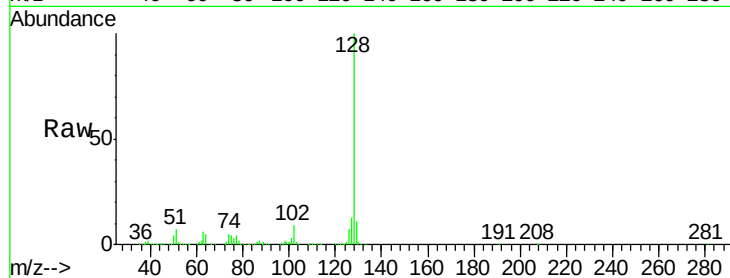
Tot Ion:128 Resp: 815974

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

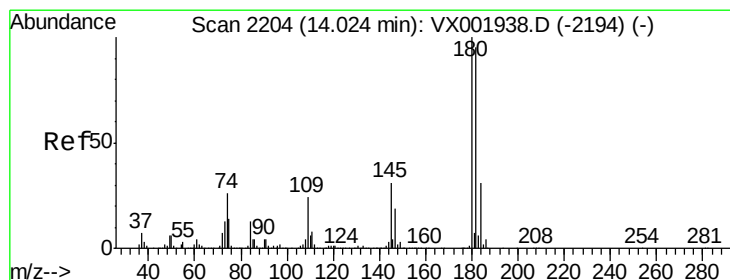
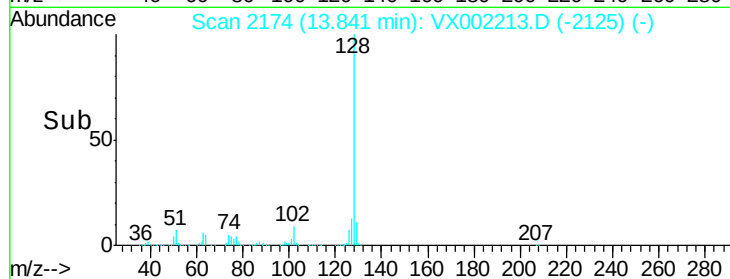
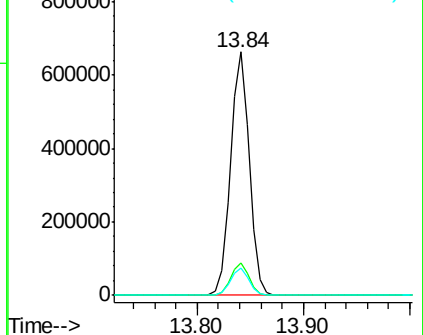
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.844 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002213.D

Acq: 01 Jun 2018 12:01

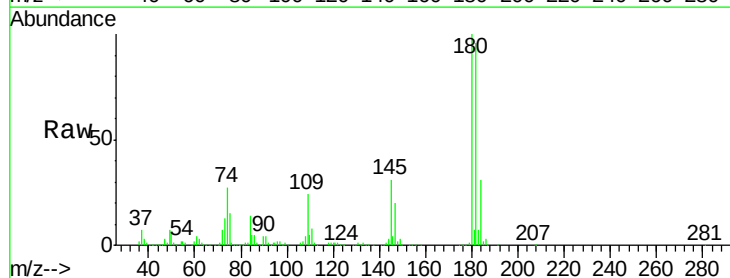
Tgt Ion:180 Resp: 281643

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 29.9 15.1 45.3



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

