

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006494.D
 Acq On : 13 Dec 2018 14:51
 Operator : JC/MD
 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Quant Time: Dec 14 00:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	519081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	834346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	764682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	400102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	284353	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.50	113	261257	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	950363	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	367509	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105024	20.664	ug/l	100
3) Chloromethane	1.33	50	113983	21.823	ug/l	99
4) Vinyl Chloride	1.41	62	123371	21.947	ug/l	96
5) Bromomethane	1.64	94	112952	28.994	ug/l	97
6) Chloroethane	1.73	64	78060	22.648	ug/l	100
7) Trichlorofluoromethane	1.93	101	192227	22.277	ug/l	100
8) Diethyl Ether	2.19	74	75256	23.044	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110970	22.617	ug/l	96
10) Methyl Iodide	2.51	142	155955	21.091	ug/l	99
11) Tert butyl alcohol	3.07	59	154336	106.501	ug/l	99
12) 1,1-Dichloroethene	2.38	96	105114	22.379	ug/l	89
13) Acrolein	2.29	56	89675	113.218	ug/l	96
14) Allyl chloride	2.73	41	177390	19.119	ug/l	99
15) Acrylonitrile	3.15	53	322630	106.689	ug/l	100
16) Acetone	2.45	43	269113	108.218	ug/l	98
17) Carbon Disulfide	2.57	76	263694	18.219	ug/l	100
18) Methyl Acetate	2.78	43	171893	20.669	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	365292	21.801	ug/l	98
20) Methylene Chloride	2.86	84	117636	22.227	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	113035	22.583	ug/l	92
22) Diisopropyl ether	3.87	45	324094	22.363	ug/l	98
23) Vinyl Acetate	3.82	43	1314196	106.319	ug/l	99
24) 1,1-Dichloroethane	3.70	63	196047	23.667	ug/l	99
25) 2-Butanone	4.70	43	397758	112.099	ug/l	99
26) 2,2-Dichloropropane	4.59	77	142607	18.654	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	129407	23.178	ug/l	97
28) Bromochloromethane	5.02	49	74188	20.504	ug/l	94
29) Tetrahydrofuran	5.15	42	267499	108.473	ug/l	96
30) Chloroform	5.22	83	201328	23.128	ug/l	94
31) Cyclohexane	5.58	56	173601	22.677	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177821	21.470	ug/l	99
36) 1,1-Dichloropropene	5.80	75	149486	21.276	ug/l	98
37) Ethyl Acetate	4.85	43	153271	19.480	ug/l	98
38) Carbon Tetrachloride	5.78	117	151708	18.354	ug/l	99

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 Data File : VX006494.D
 Acq On : 13 Dec 2018 14:51
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 Sample : VX1213WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Quant Time: Dec 14 00:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190035	20.837	ug/l	98
40) Benzene	6.14	78	455048	21.624	ug/l	98
41) Methacrylonitrile	5.06	41	84155	19.437	ug/l	97
42) 1,2-Dichloroethane	6.20	62	150838	21.901	ug/l	99
43) Isopropyl Acetate	6.46	43	240543	18.336	ug/l	98
44) Trichloroethene	7.21	130	132507	20.785	ug/l	95
45) 1,2-Dichloropropane	7.52	63	108611	20.308	ug/l	98
46) Dibromomethane	7.66	93	81105	20.997	ug/l	94
47) Bromodichloromethane	7.90	83	135071	18.057	ug/l	98
48) Methyl methacrylate	7.77	41	121941	19.107	ug/l	96
49) 1,4-Dioxane	7.75	88	70359	447.304	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	781067	102.275	ug/l	99
52) Toluene	8.79	92	297516	21.490	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	148102	16.930	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	164508	18.110	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	124022	22.051	ug/l	97
56) Ethyl methacrylate	9.18	69	175660	19.978	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191761	21.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	416879	93.431	ug/l	99
59) 2-Hexanone	9.49	43	600606	102.938	ug/l	99
60) Dibromochloromethane	9.59	129	116109	16.741	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132353	21.045	ug/l	98
64) Tetrachloroethene	9.34	164	125393	21.774	ug/l	95
65) Chlorobenzene	10.14	112	347758	21.424	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	117589	18.644	ug/l	99
67) Ethyl Benzene	10.25	91	575227	21.306	ug/l	98
68) m/p-Xylenes	10.36	106	459024	42.445	ug/l	99
69) o-Xylene	10.70	106	228902	21.428	ug/l	100
70) Styrene	10.71	104	360590	20.871	ug/l	99
71) Bromoform	10.86	173	82867	13.919	ug/l #	100
73) Isopropylbenzene	11.02	105	592741	21.452	ug/l	100
74) N-amyl acetate	10.90	43	221968	18.655	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	183198	20.725	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	197755	25.607	ug/l	88
77) Bromobenzene	11.26	156	157879	20.589	ug/l	96
78) n-propylbenzene	11.36	91	653369	21.273	ug/l	99
79) 2-Chlorotoluene	11.42	91	391876	21.467	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	498194	21.671	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43679	13.273	ug/l #	80
82) 4-Chlorotoluene	11.51	91	450486	21.225	ug/l	99
83) tert-Butylbenzene	11.77	119	512015	20.874	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	512278	21.580	ug/l	100
85) sec-Butylbenzene	11.94	105	605684	21.705	ug/l	100
86) p-Isopropyltoluene	12.06	119	531645	21.158	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	286472	20.996	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288518	20.834	ug/l	99
89) n-Butylbenzene	12.38	91	441848	20.609	ug/l	99
90) Hexachloroethane	12.60	117	79799	15.582	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	291071	21.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36961	16.311	ug/l	95

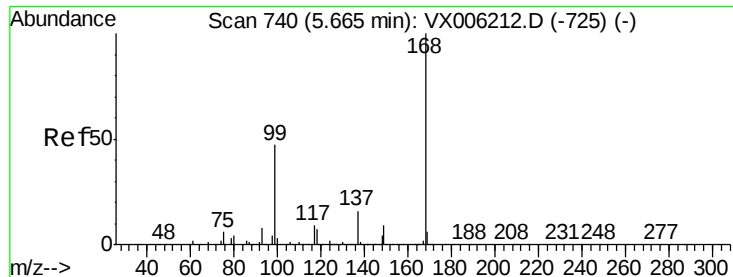
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
Data File : VX006494.D
Acq On : 13 Dec 2018 14:51
Operator : JC/MD
Sample : VX1213WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Quant Time: Dec 14 00:15:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	198785	20.122	ug/l	99
94) Hexachlorobutadiene	13.78	225	87474	20.022	ug/l	99
95) Naphthalene	13.83	128	647974	21.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	201646	20.608	ug/l	98

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

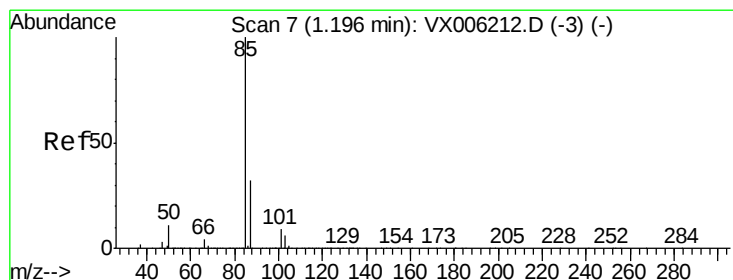
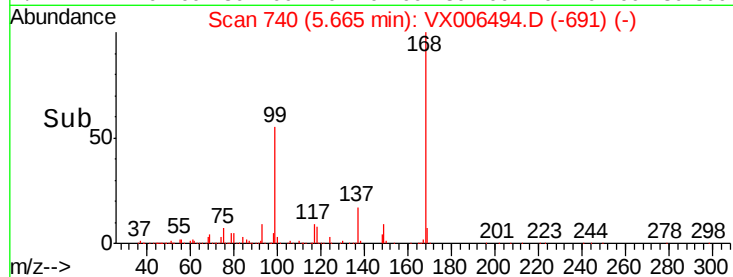
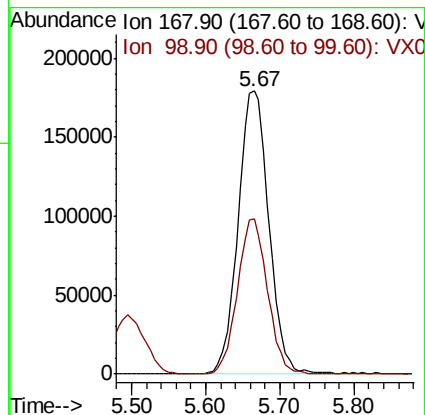
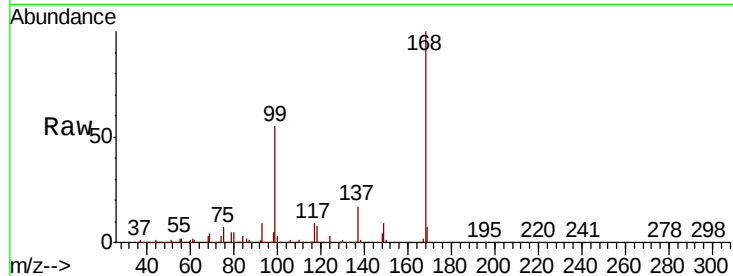


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

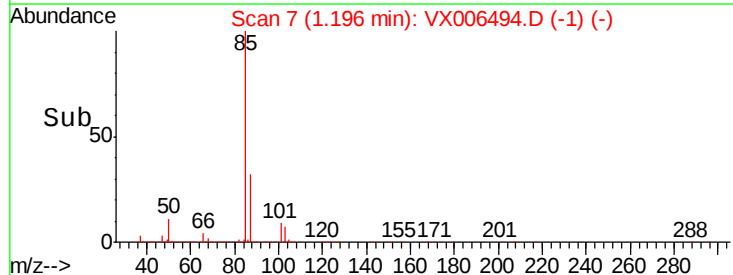
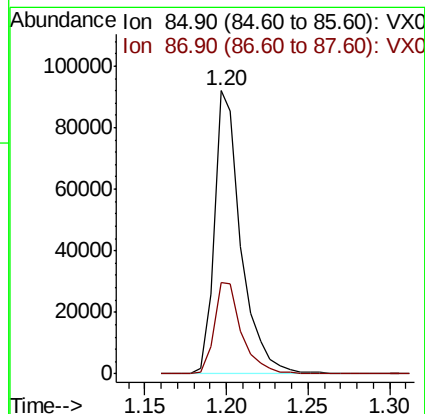
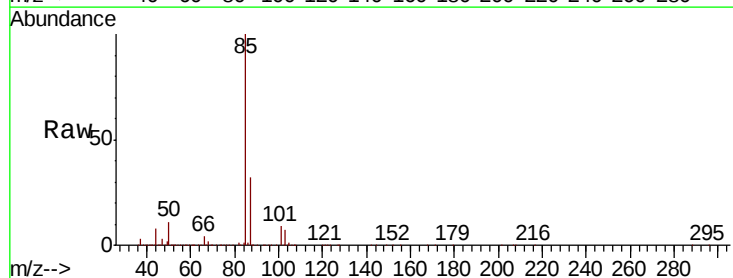
Tot Ion:168 Resp: 519081
 Ion Ratio Lower Upper
 168 100
 99 54.6 37.8 56.8

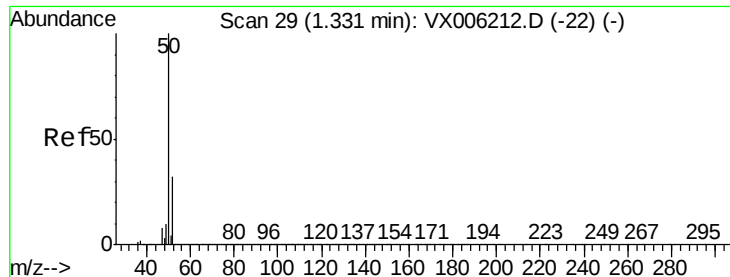


#2

Dichlorodifluoromethane
 Concen: 20.664 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 85 Resp: 105024
 Ion Ratio Lower Upper
 85 100
 87 32.4 16.1 48.2





#3

Chloromethane

Concen: 21.823 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

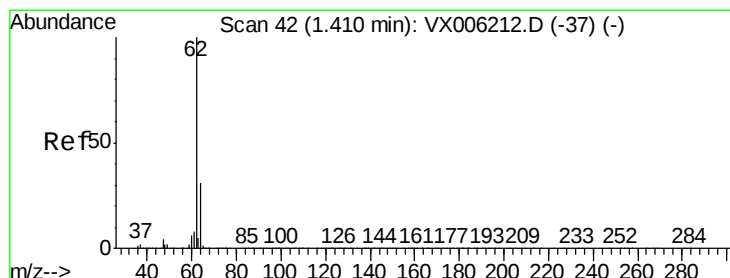
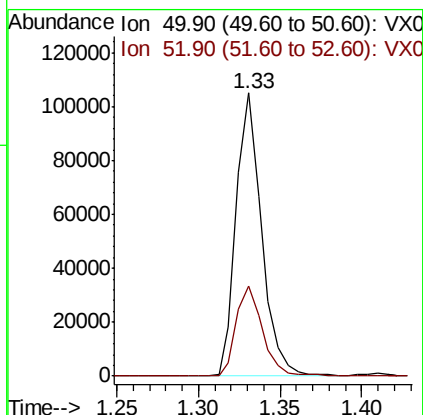
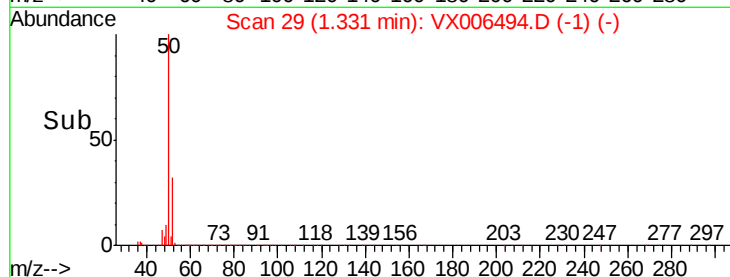
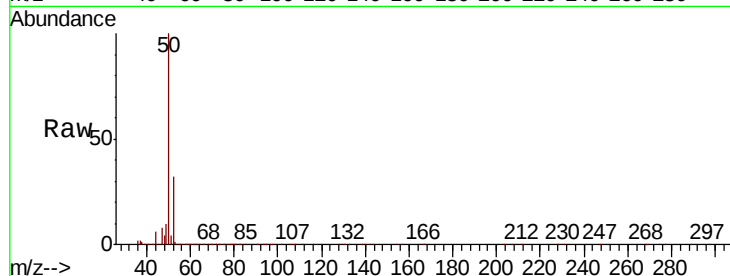
VX1213WBSD01

Tot Ion: 50 Resp: 113983

Ion Ratio Lower Upper

50 100

52 31.9 25.2 37.8



#4

Vinyl Chloride

Concen: 21.947 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006494.D

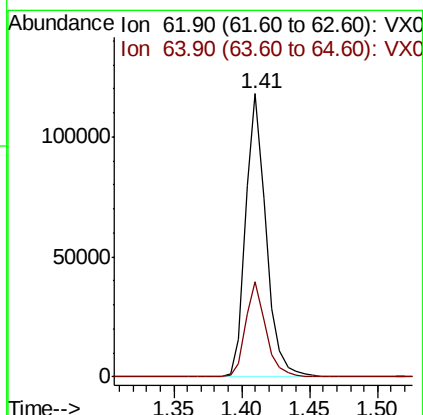
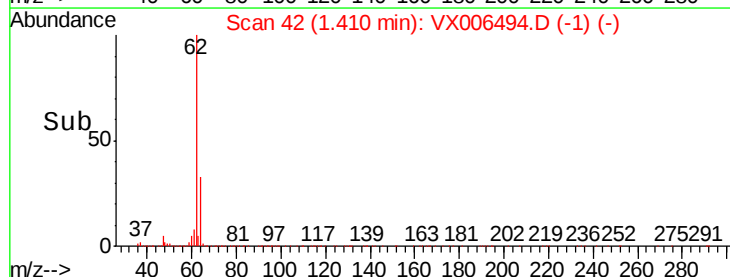
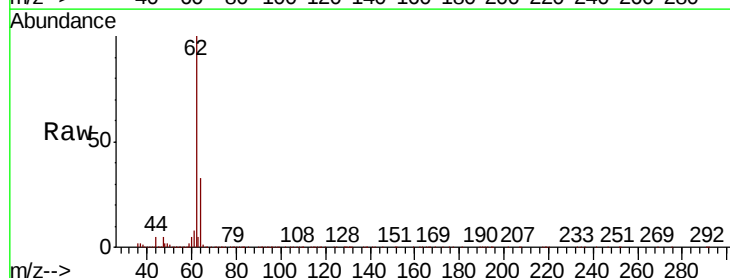
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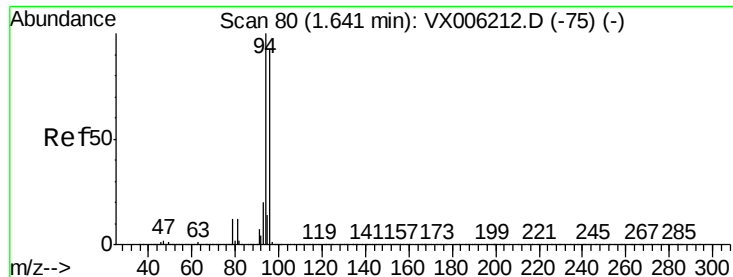
Tgt Ion: 62 Resp: 123371

Ion Ratio Lower Upper

62 100

64 33.4 24.9 37.3





#5

Bromomethane

Concen: 28.994 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

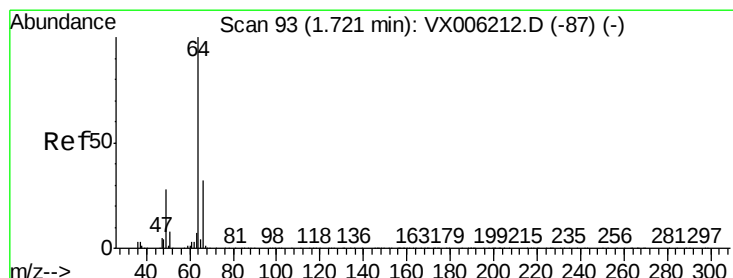
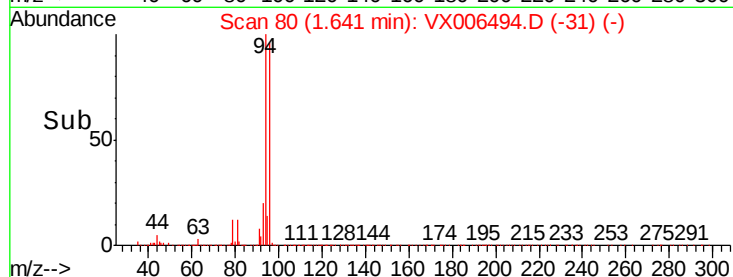
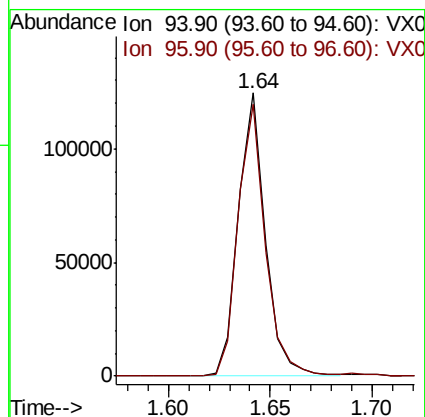
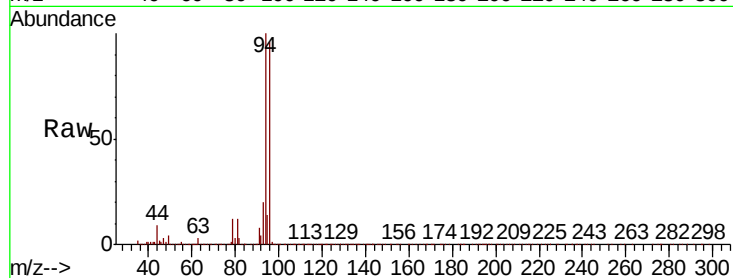
VX1213WBSD01

Tot Ion: 94 Resp: 112952

Ion Ratio Lower Upper

94 100

96 96.0 74.5 111.7



#6

Chloroethane

Concen: 22.648 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006494.D

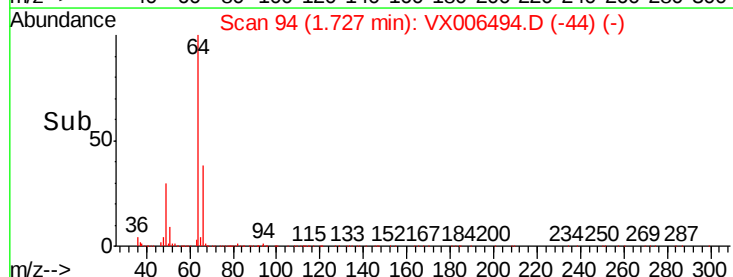
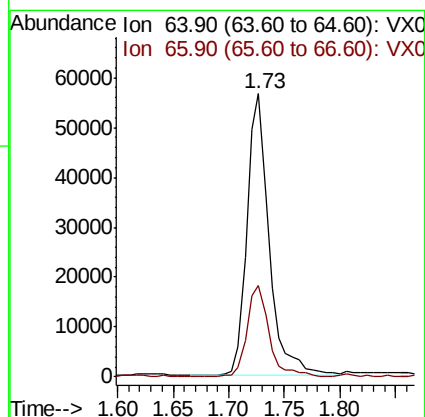
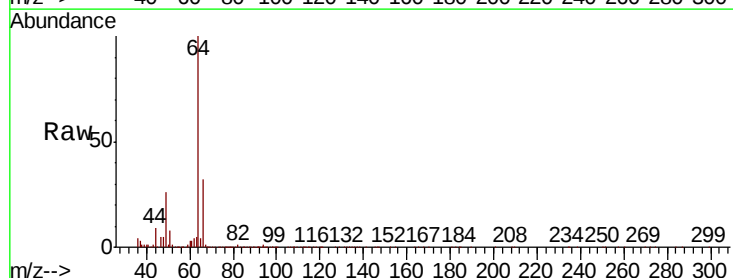
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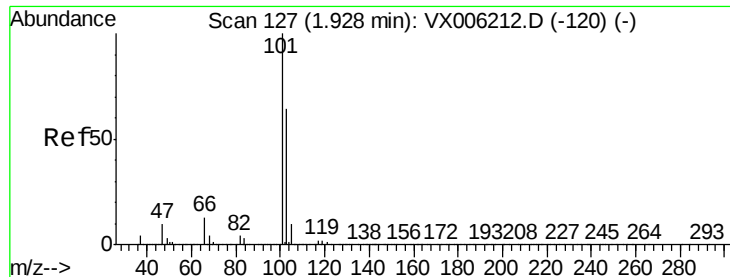
Tgt Ion: 64 Resp: 78060

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9



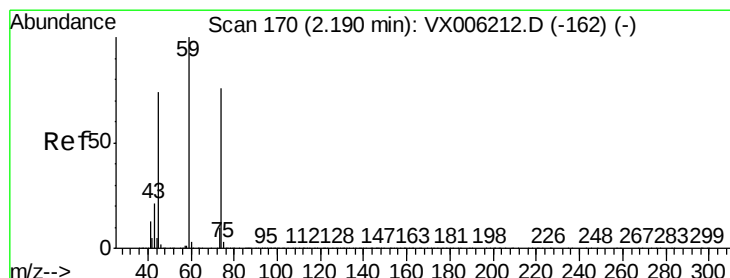
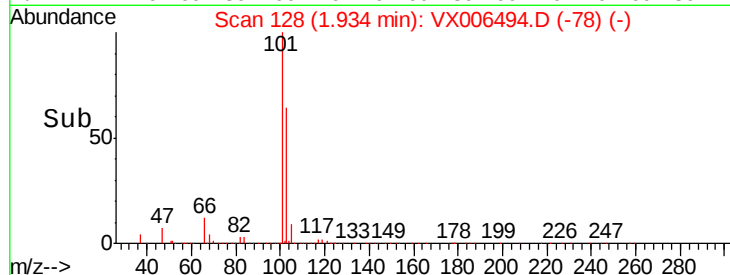
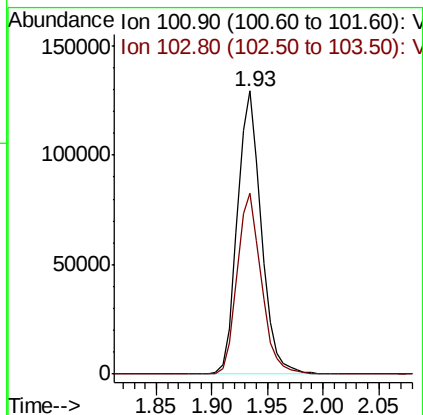
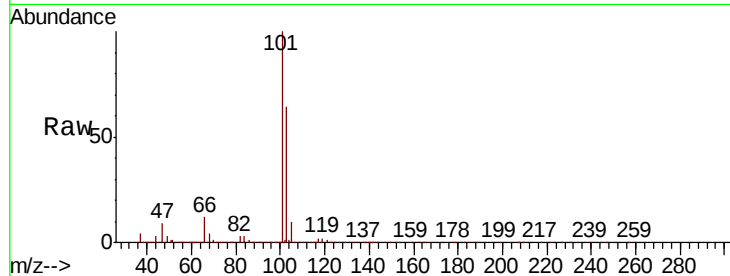


#7

Trichlorofluoromethane
Concen: 22.277 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampled :
VX1213WBSD01

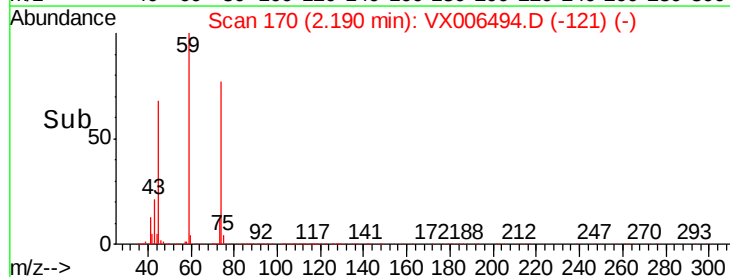
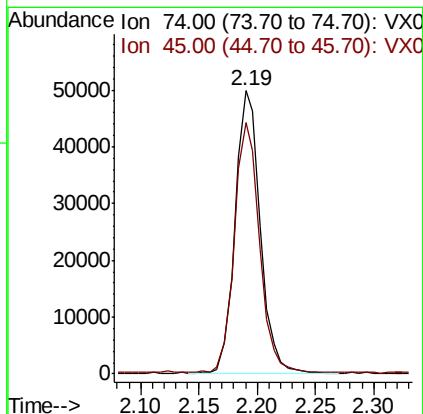
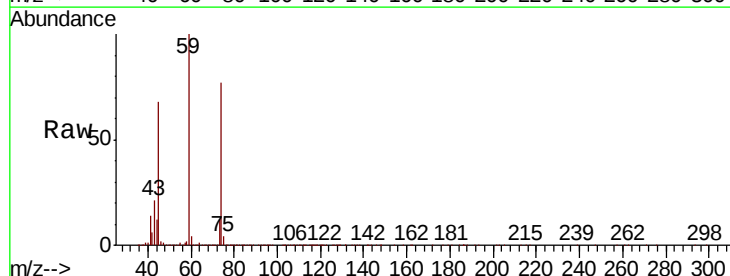
Tot Ion:101 Resp: 192227
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.4

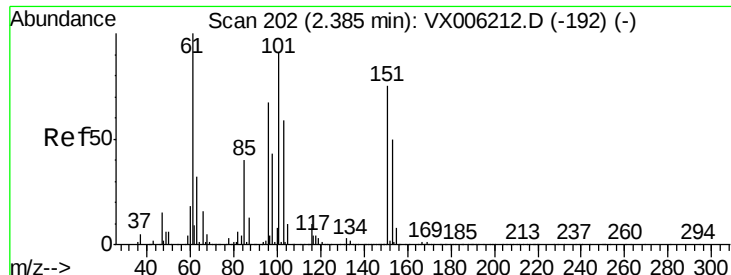


#8

Diethyl Ether
Concen: 23.044 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 74 Resp: 75256
Ion Ratio Lower Upper
74 100
45 87.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.617 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

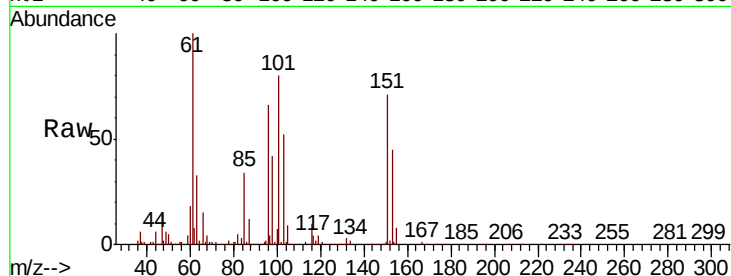
Tot Ion:101 Resp: 110970

Ion Ratio Lower Upper

101 100

85 42.7 35.5 53.3

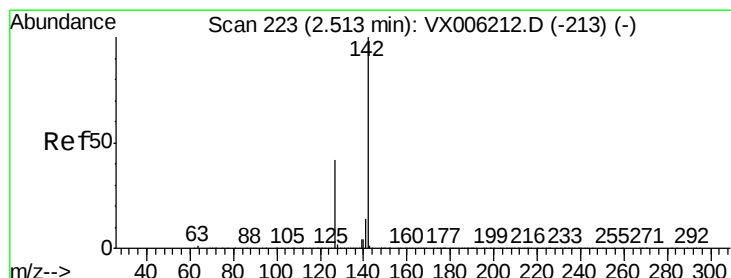
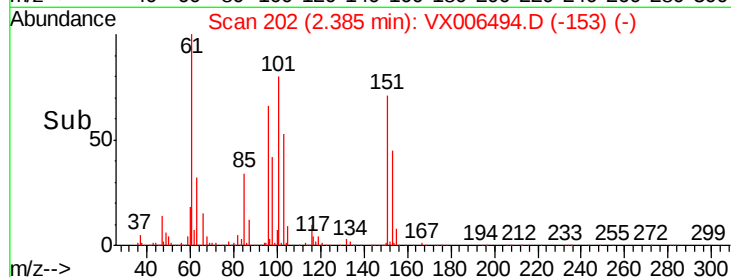
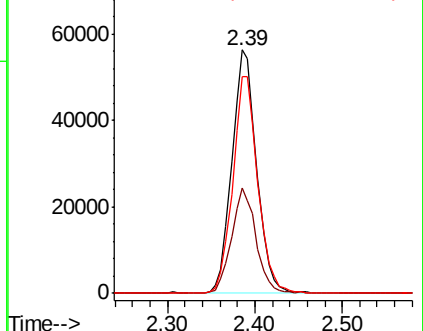
151 90.0 68.6 103.0



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: 21.091 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

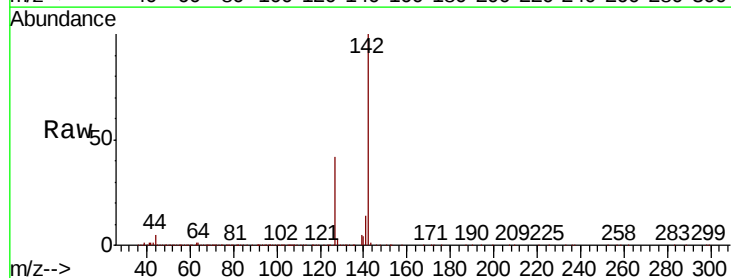
Tgt Ion:142 Resp: 155955

Ion Ratio Lower Upper

142 100

127 42.5 34.8 52.2

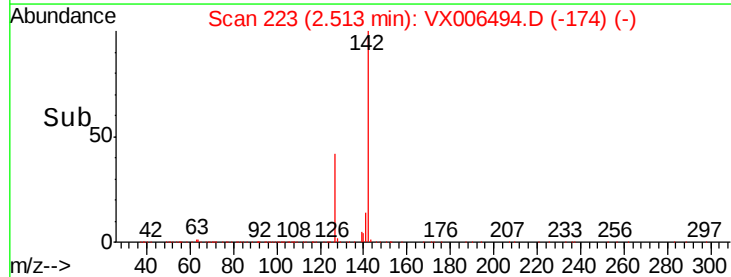
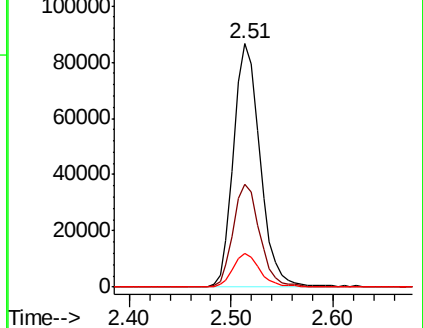
141 14.3 11.4 17.2

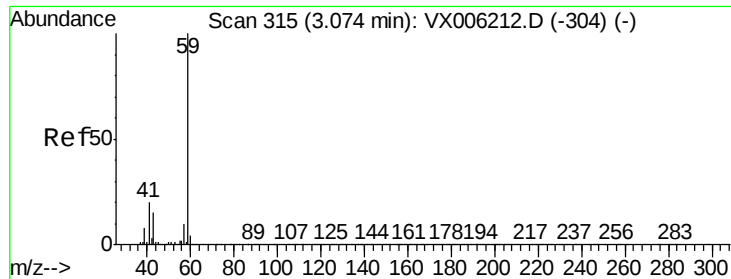


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



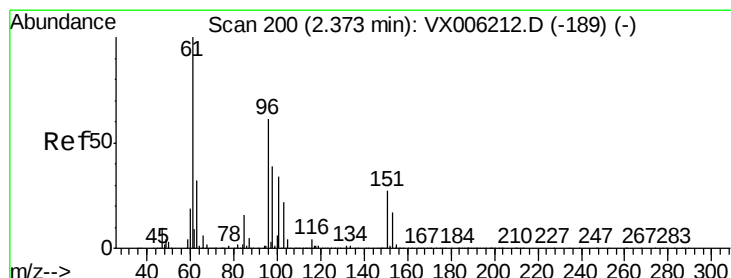
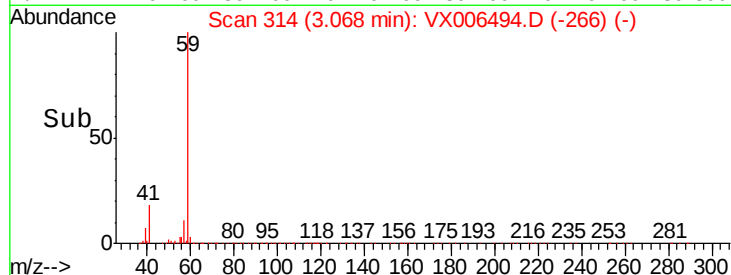
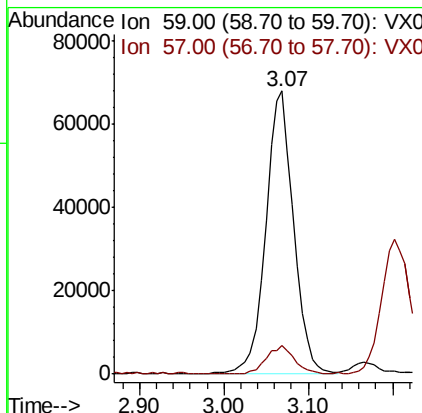
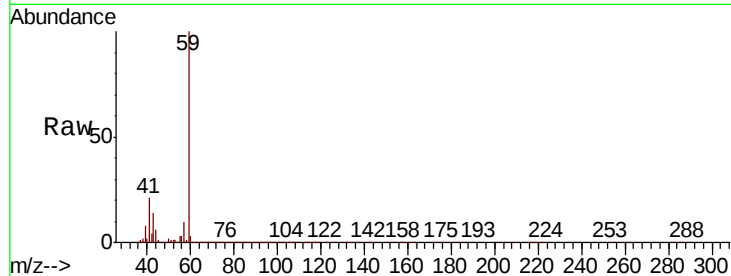


#11

Tert butyl alcohol
 Concen: 106.501 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

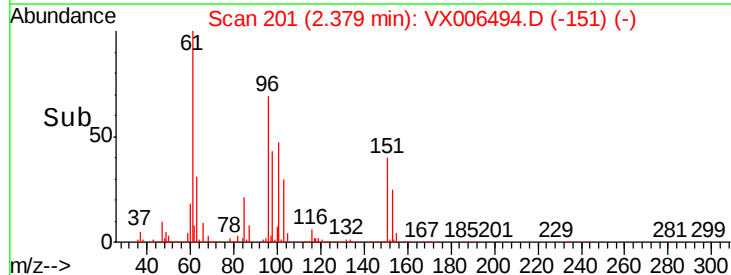
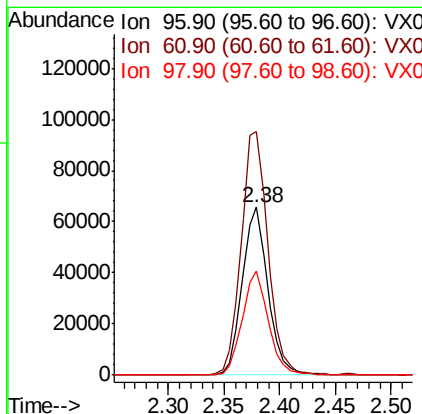
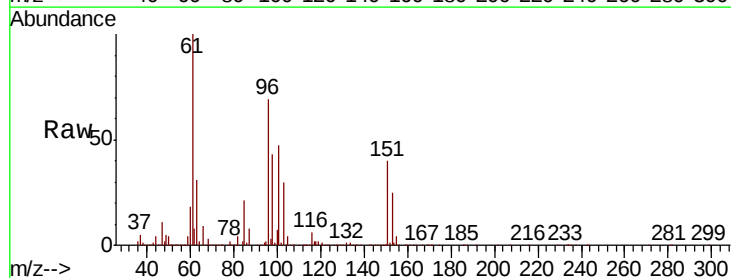
Tot Ion: 59 Resp: 154336
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

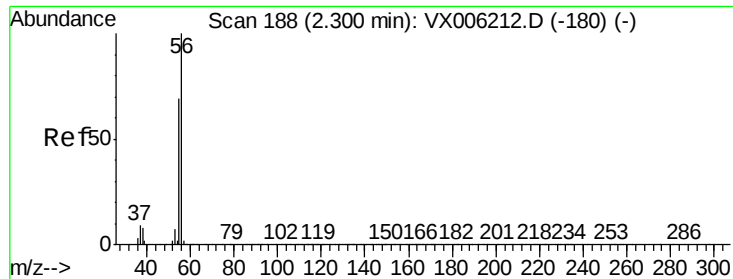


#12

1,1-Dichloroethene
 Concen: 22.379 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 96 Resp: 105114
 Ion Ratio Lower Upper
 96 100
 61 145.1 131.7 197.5
 98 62.1 51.8 77.6





#13

Acrolein

Concen: 113.218 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

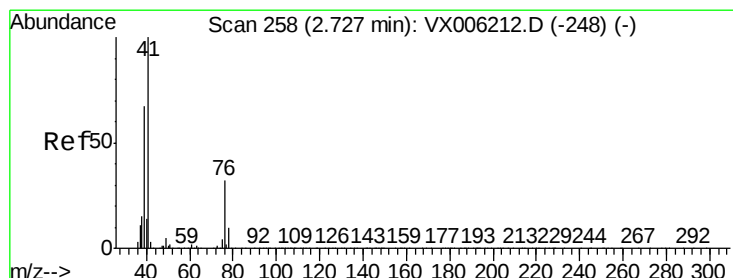
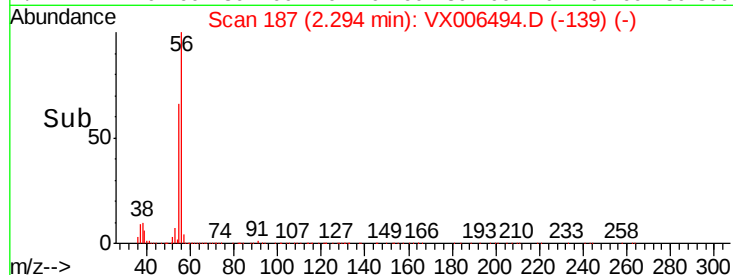
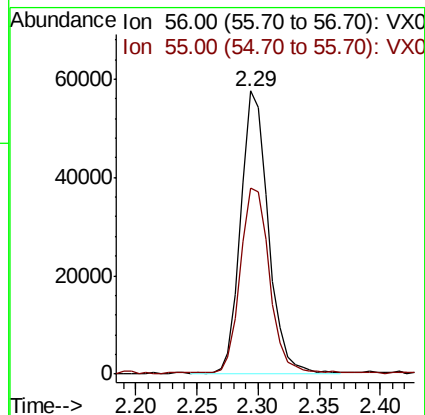
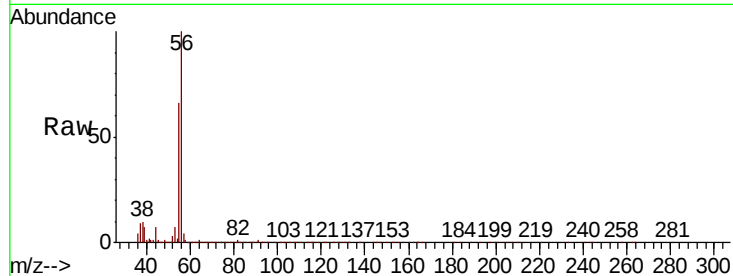
VX1213WBSD01

Tot Ion: 56 Resp: 89675

Ion Ratio Lower Upper

56 100

55 68.8 57.8 86.6



#14

Allyl chloride

Concen: 19.119 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

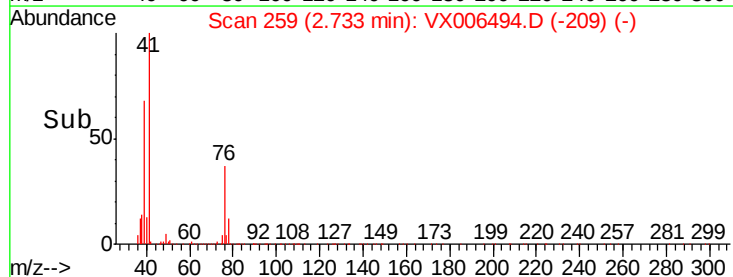
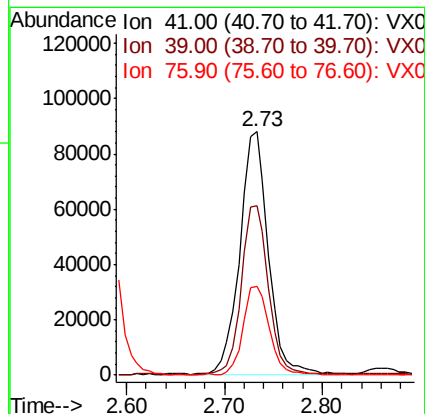
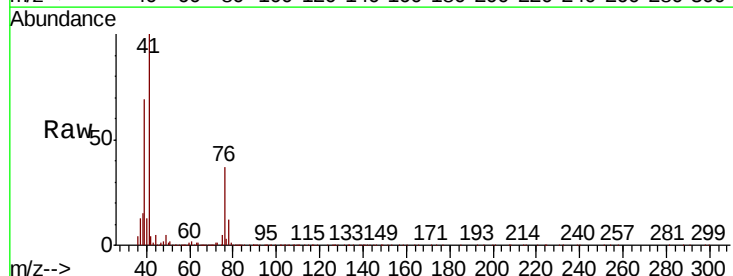
Tgt Ion: 41 Resp: 177390

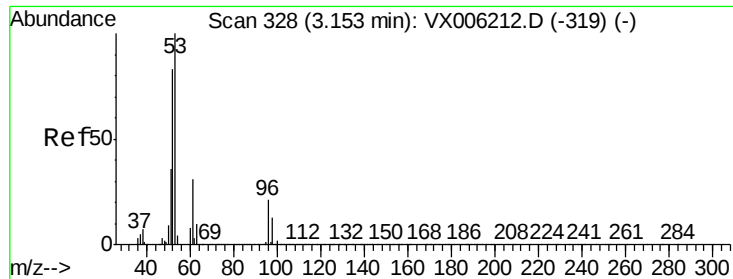
Ion Ratio Lower Upper

41 100

39 65.4 52.4 78.6

76 33.5 25.4 38.0

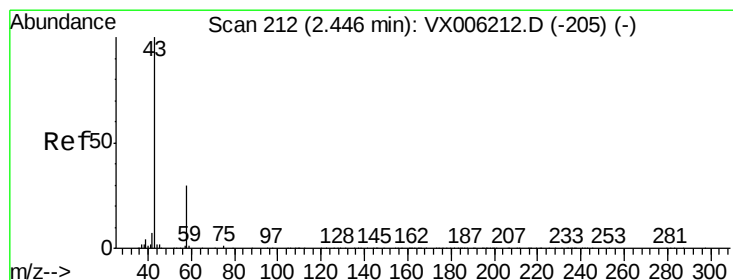
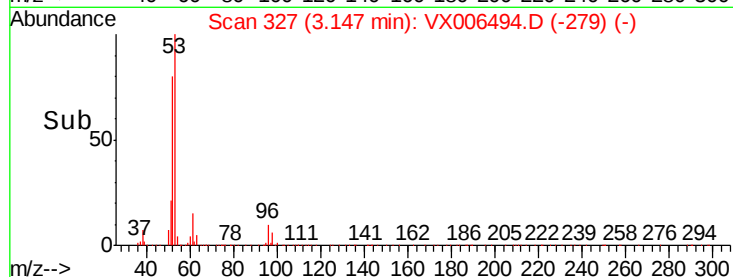
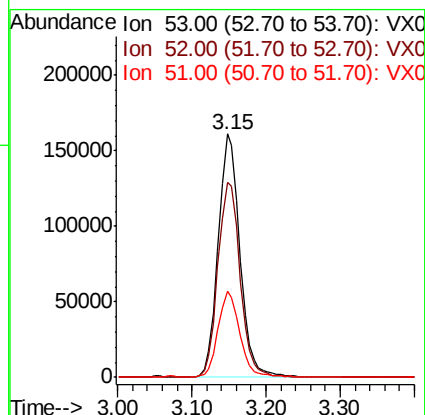
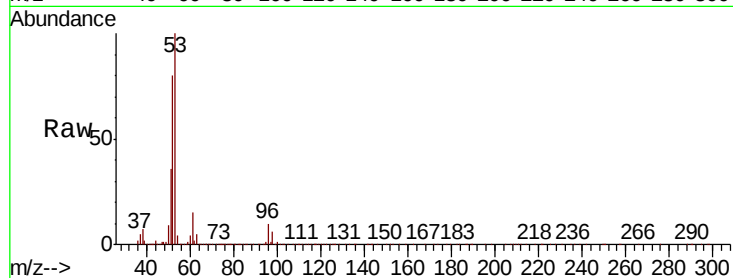




#15
 Acrylonitrile
 Concen: 106.689 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

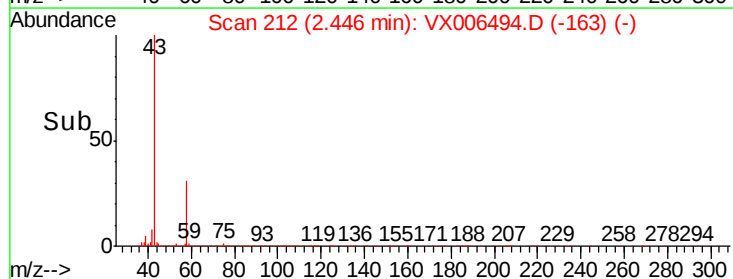
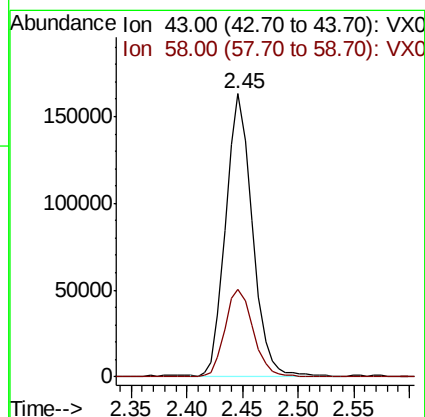
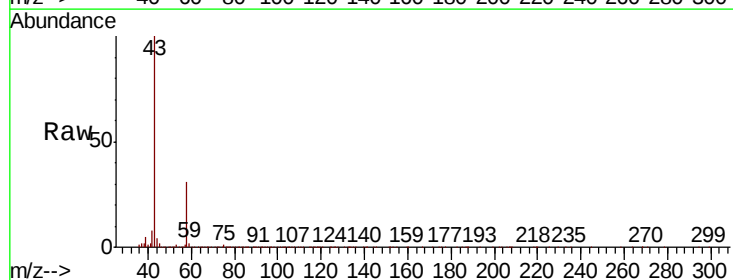
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

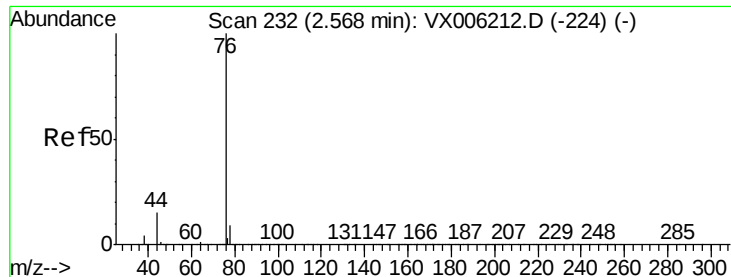
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.4
51	35.6	28.7	43.1



#16
 Acetone
 Concen: 108.218 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.0	36.0





#17

Carbon Disulfide

Concen: 18.219 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

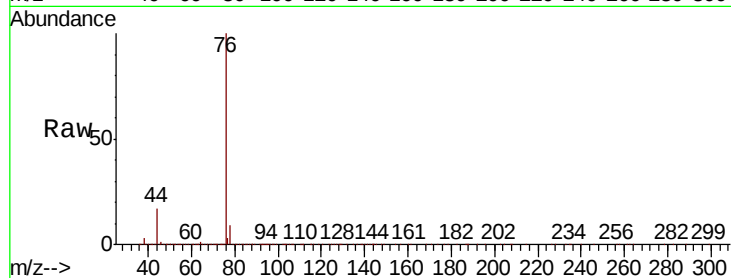
VX1213WBSD01

Tot Ion: 76 Resp: 263694

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

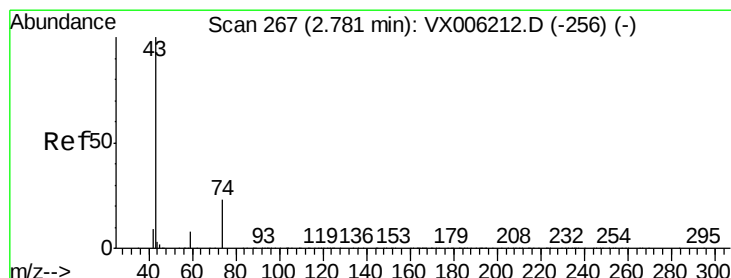
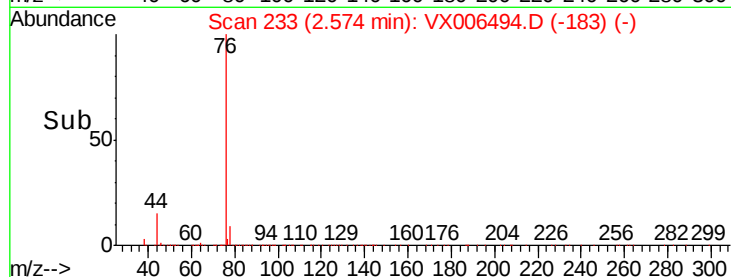
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.669 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006494.D

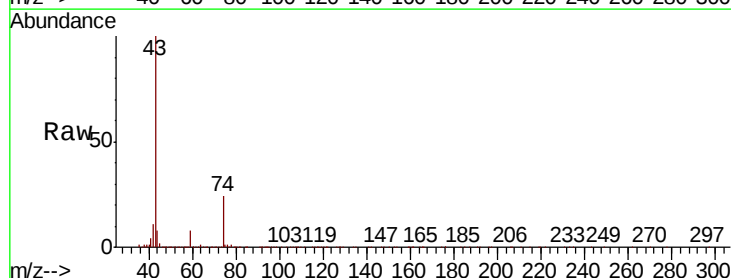
Acq: 13 Dec 2018 14:51

Tgt Ion: 43 Resp: 171893

Ion Ratio Lower Upper

43 100

74 24.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

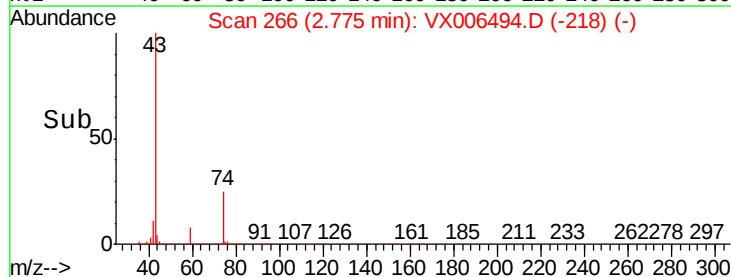
40000

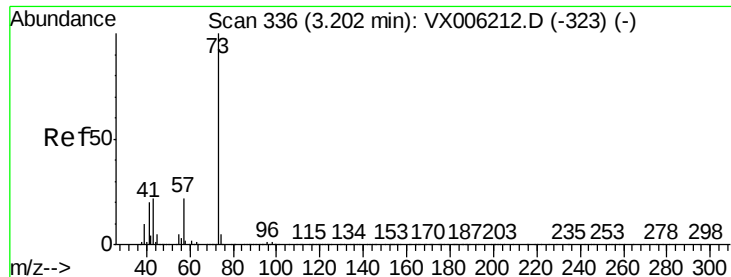
20000

0

2.70 2.80 2.90

Time-->



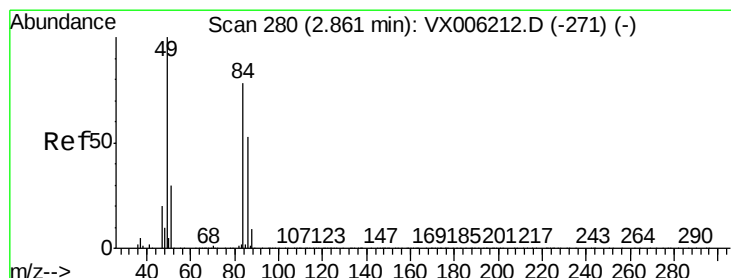
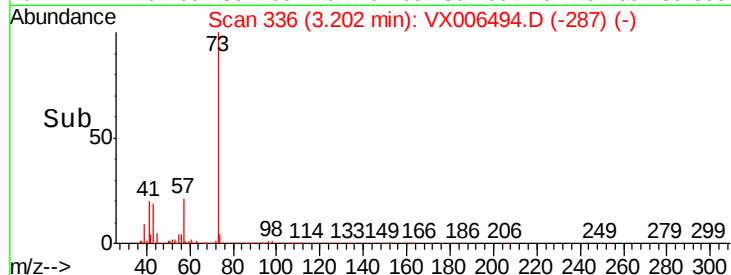
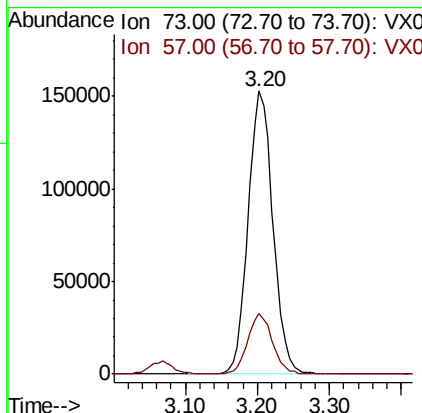
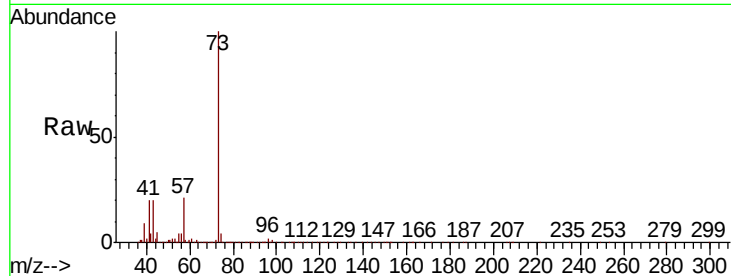


#19

Methyl tert-butyl Ether
 Concen: 21.801 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

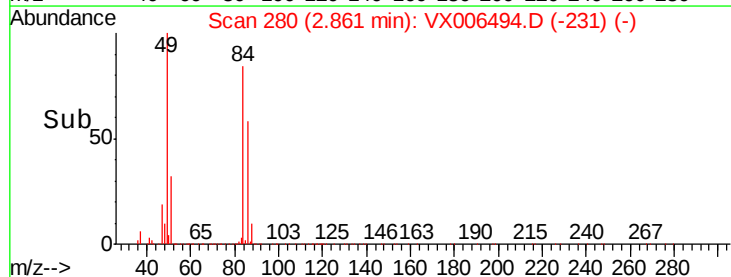
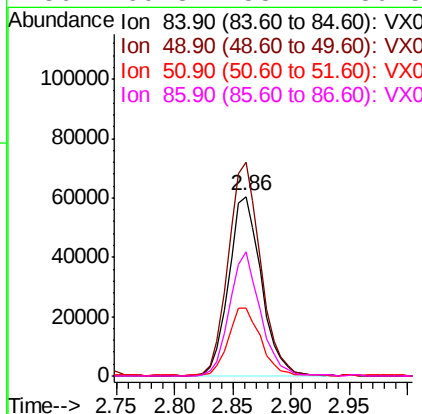
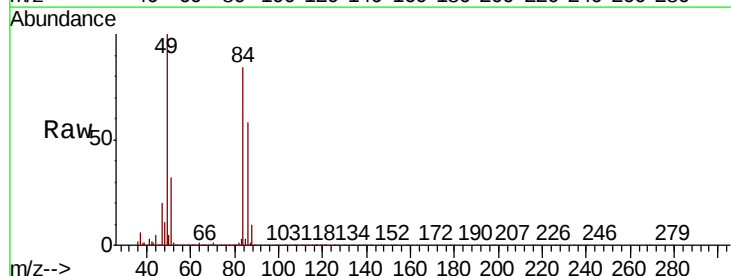
Tot Ion: 73 Resp: 365292
 Ion Ratio Lower Upper
 73 100
 57 21.1 17.5 26.3

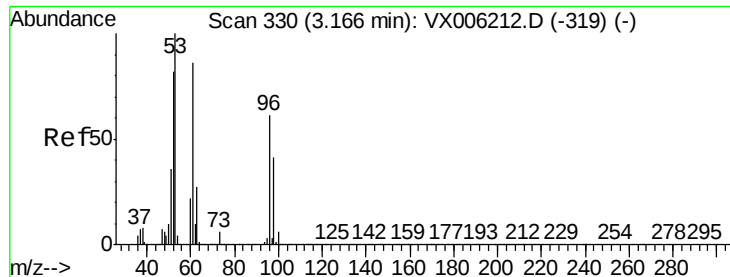


#20

Methylene Chloride
 Concen: 22.227 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 84 Resp: 117636
 Ion Ratio Lower Upper
 84 100
 49 118.9 102.2 153.4
 51 37.8 31.1 46.7
 86 69.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 22.583 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

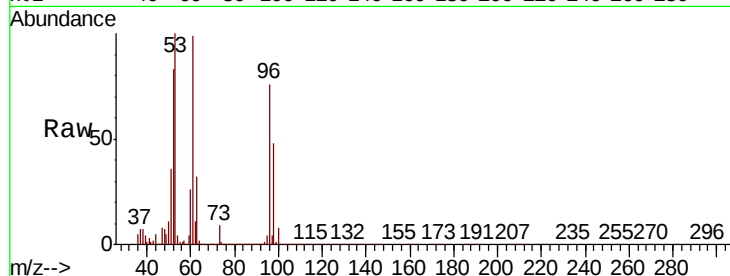
Tot Ion: 96 Resp: 113035

Ion Ratio Lower Upper

96 100

61 129.9 113.3 169.9

98 63.3 53.2 79.8

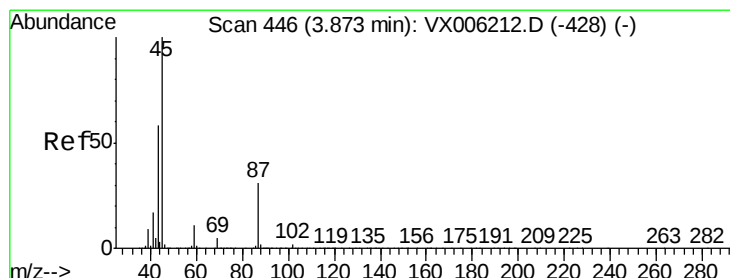
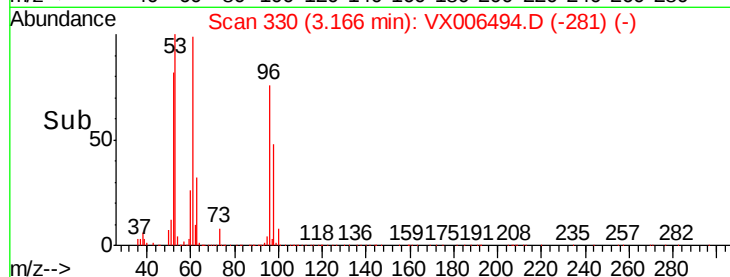
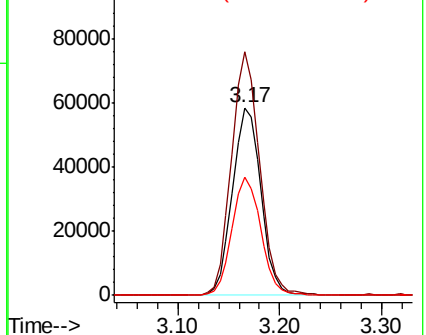


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.363 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Tgt Ion: 45 Resp: 324094

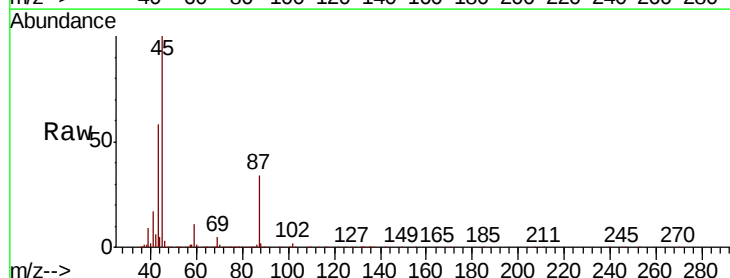
Ion Ratio Lower Upper

45 100

43 58.3 46.2 69.2

87 34.1 24.9 37.3

59 11.0 9.1 13.7



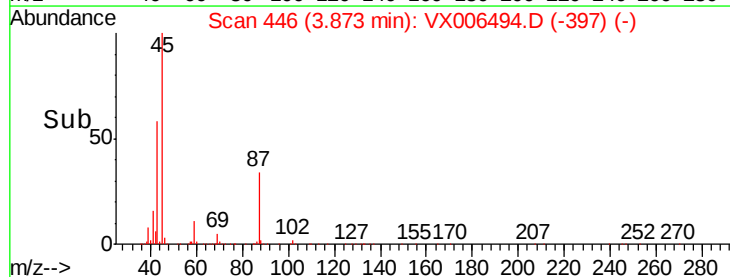
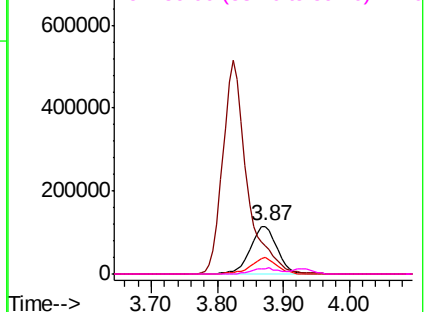
Abundance

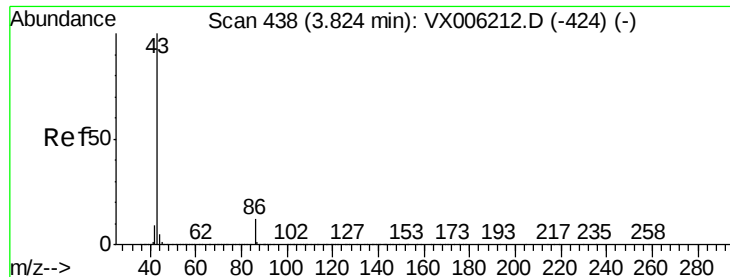
Ion 45.00 (44.70 to 45.70): VX0

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: 106.319 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

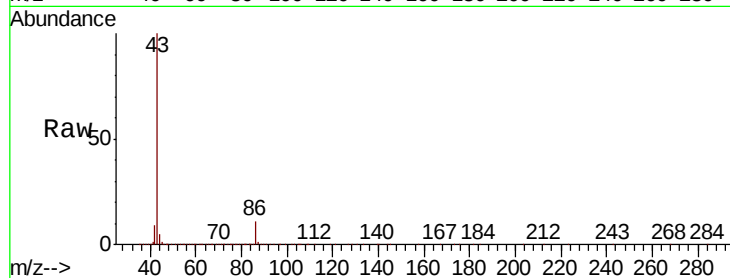
VX1213WBSD01

Tot Ion: 43 Resp: 1314196

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

600000

500000

400000

300000

200000

100000

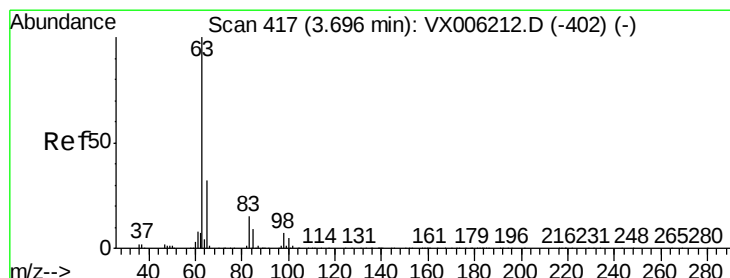
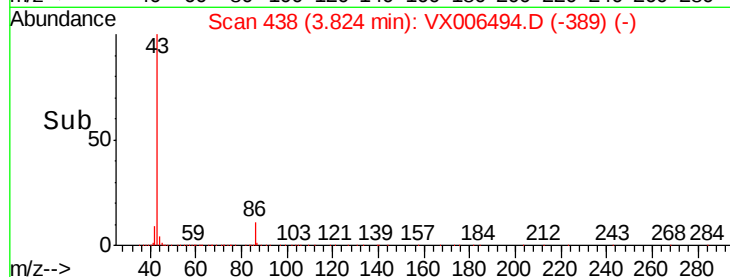
0

3.82

3.80

4.00

Time-->



#24

1,1-Dichloroethane

Concen: 23.667 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

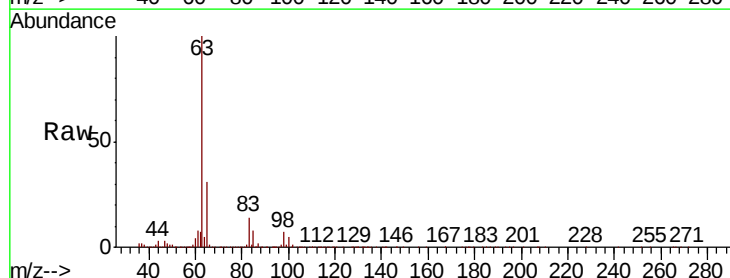
Tgt Ion: 63 Resp: 196047

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.8 2.5 7.4



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

100000

80000

60000

40000

20000

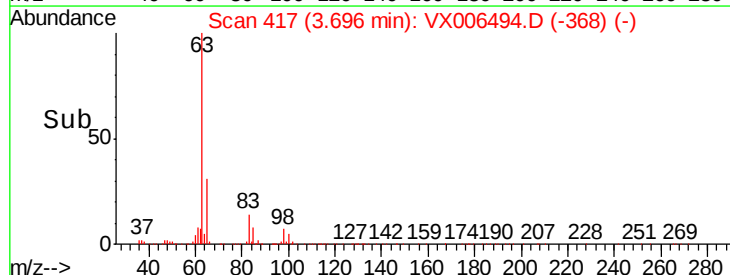
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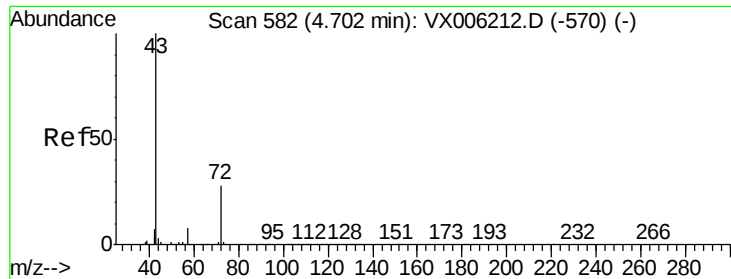
3.70

3.60

3.80

Time-->





#25

2-Butanone

Concen: 112.099 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

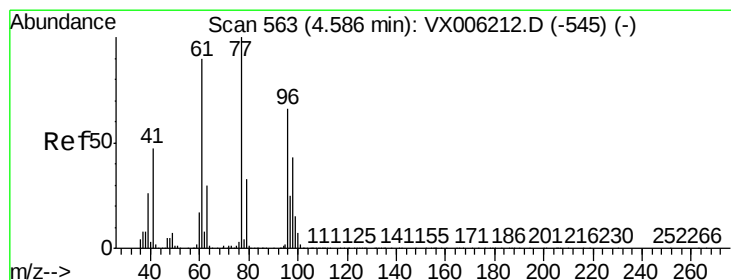
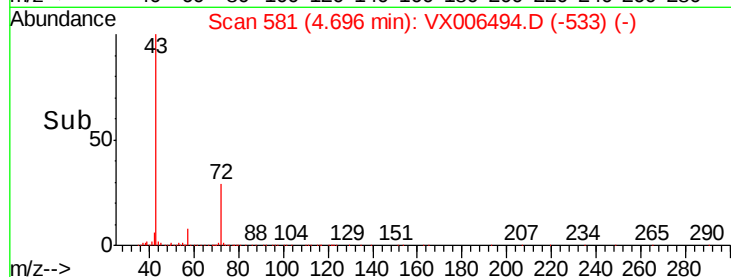
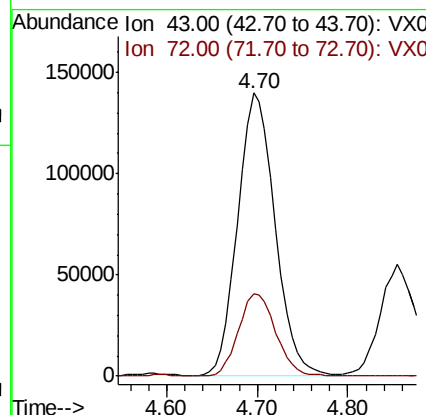
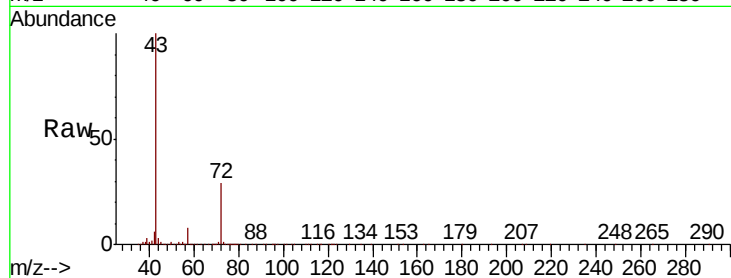
VX1213WBSD01

Tot Ion: 43 Resp: 397758

Ion Ratio Lower Upper

43 100

72 28.9 22.6 33.8



#26

2,2-Dichloropropane

Concen: 18.654 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006494.D

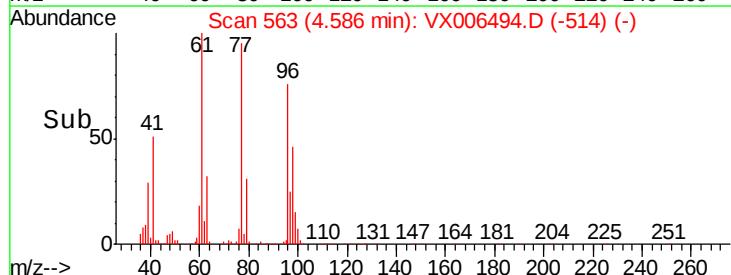
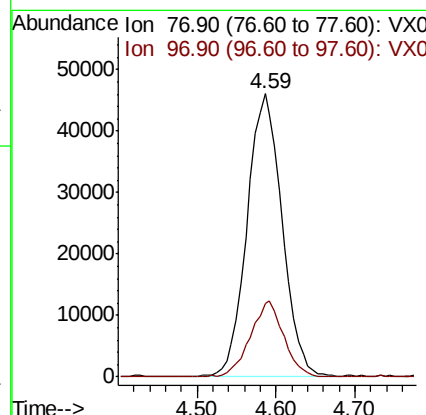
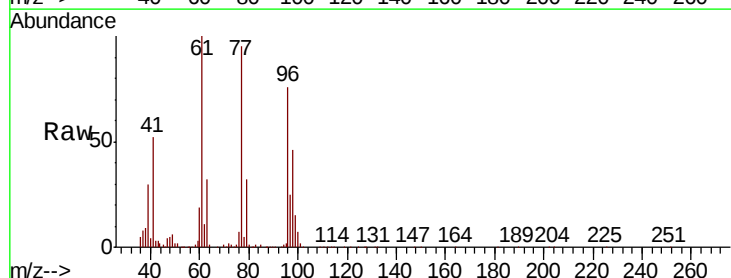
Acq: 13 Dec 2018 14:51

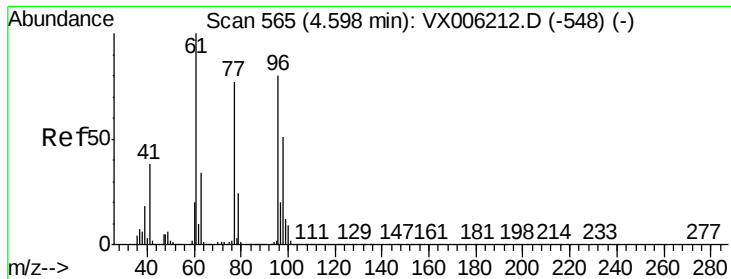
Tgt Ion: 77 Resp: 142607

Ion Ratio Lower Upper

77 100

97 25.6 12.3 36.8



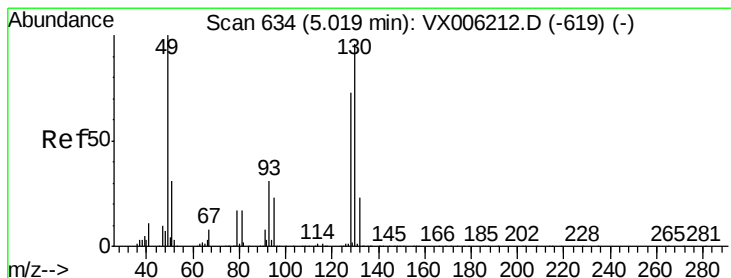
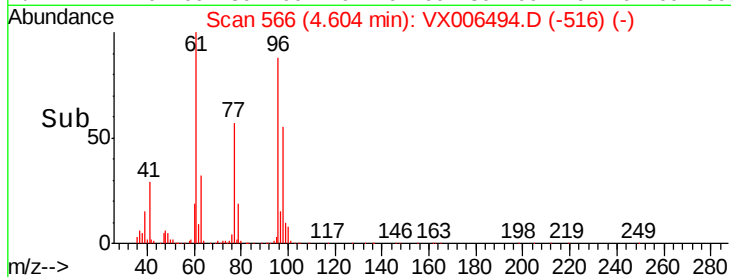
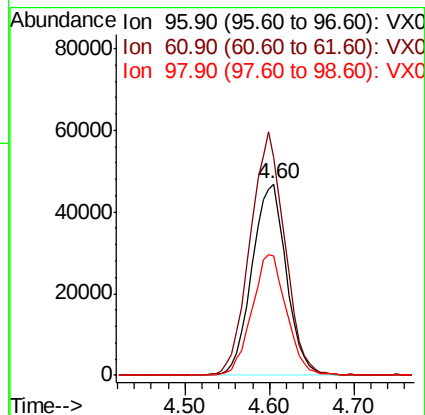
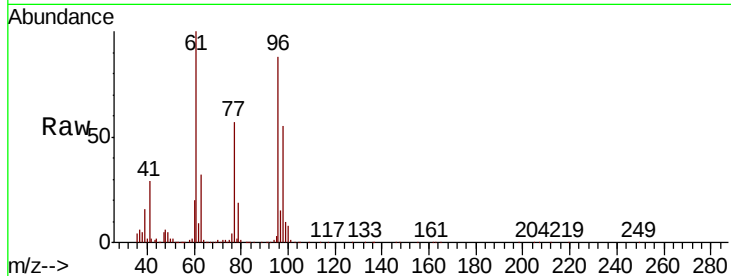


#27

cis-1,2-Dichloroethene
 Concen: 23.178 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

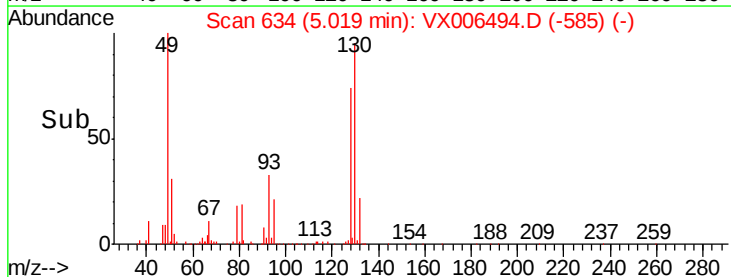
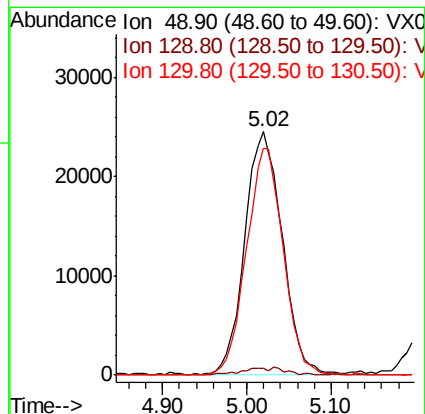
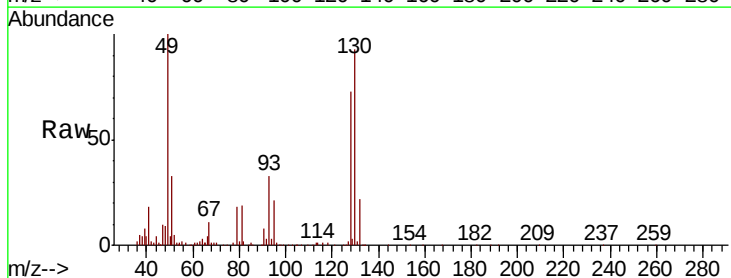
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	265.0
98	63.8	0.0	130.2

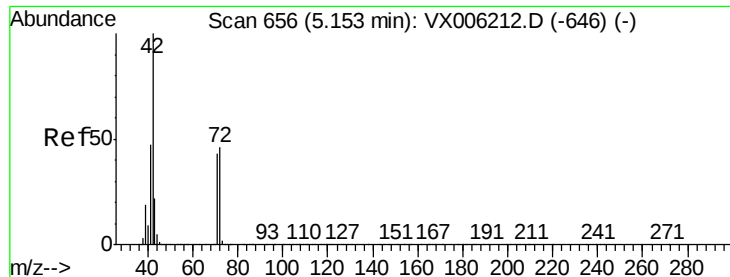


#28

Bromochloromethane
 Concen: 20.504 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.0
130	91.6	78.3	117.5





#29

Tetrahydrofuran

Concen: 108.473 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

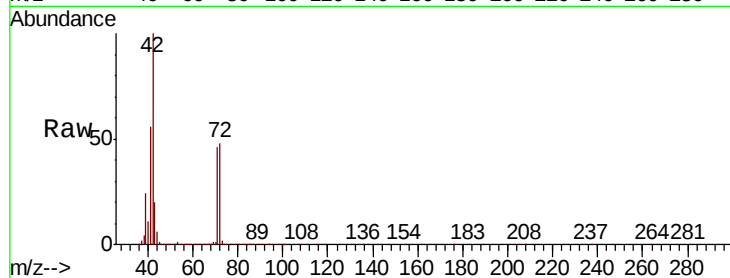
Tot Ion: 42 Resp: 267499

Ion Ratio Lower Upper

42 100

72 50.0 37.8 56.8

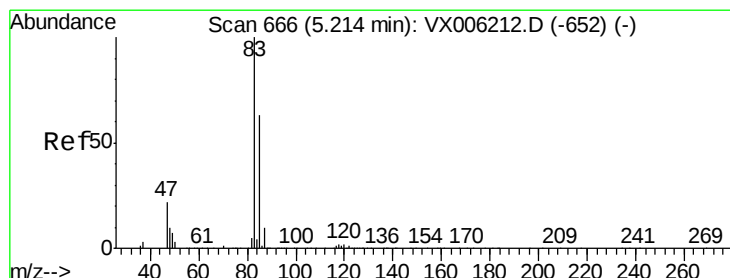
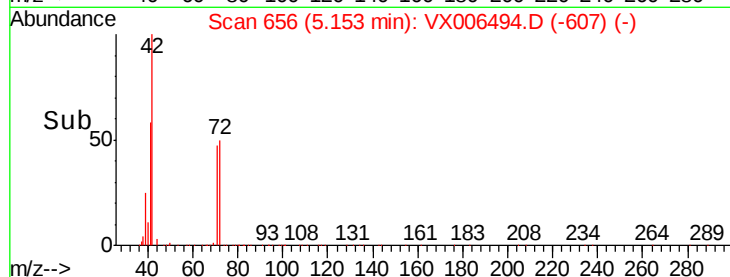
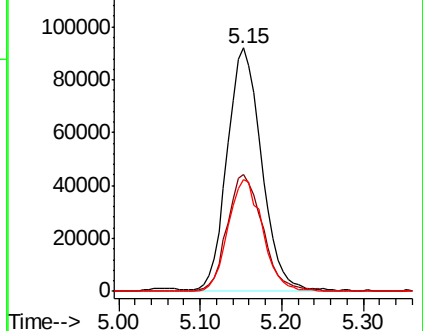
71 46.3 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 23.128 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006494.D

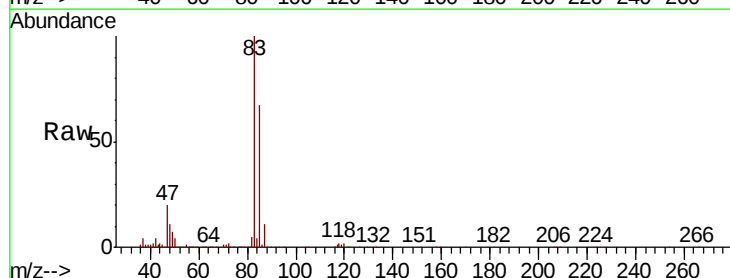
Acq: 13 Dec 2018 14:51

Tgt Ion: 83 Resp: 201328

Ion Ratio Lower Upper

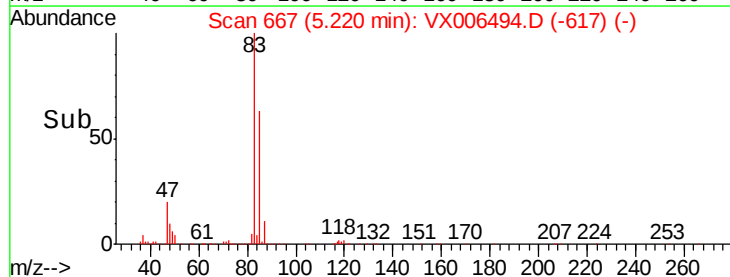
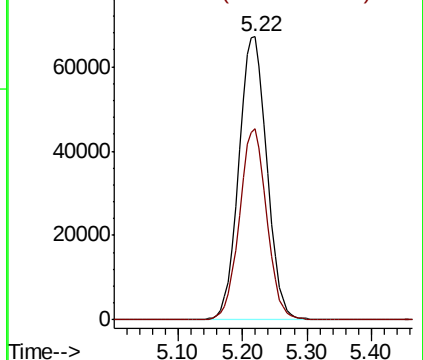
83 100

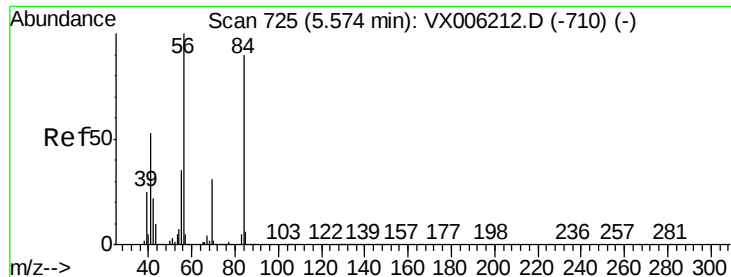
85 67.4 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

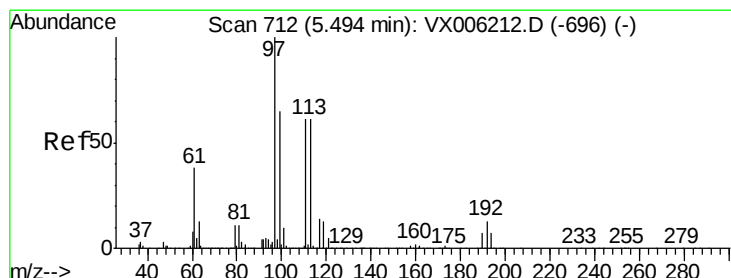
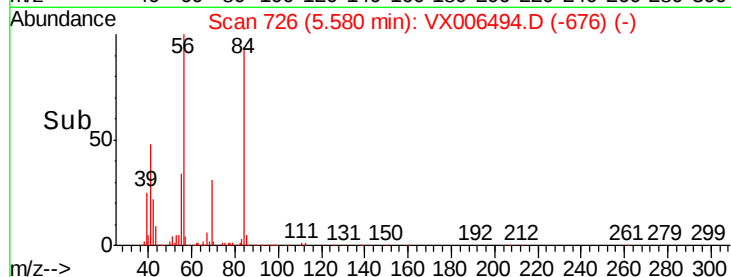
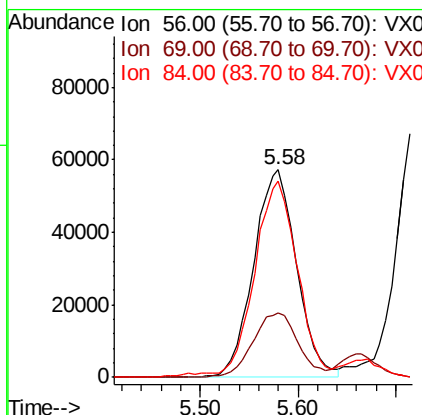
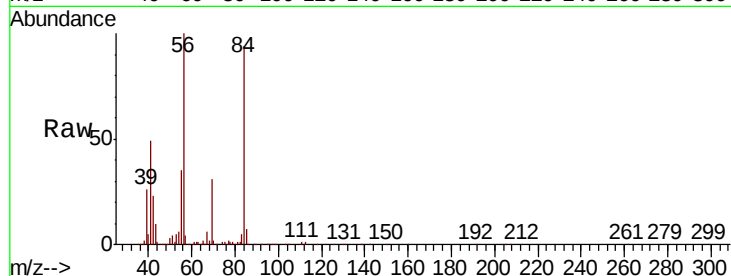




#31
Cvclohexane
Concen: 22.677 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

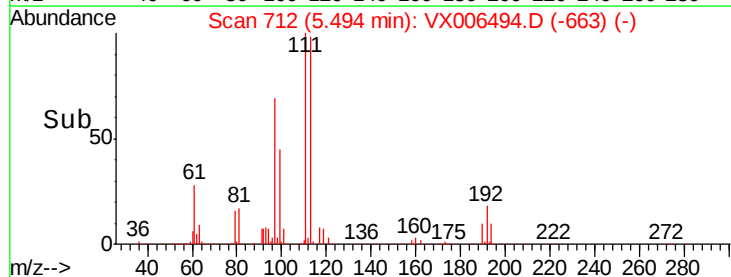
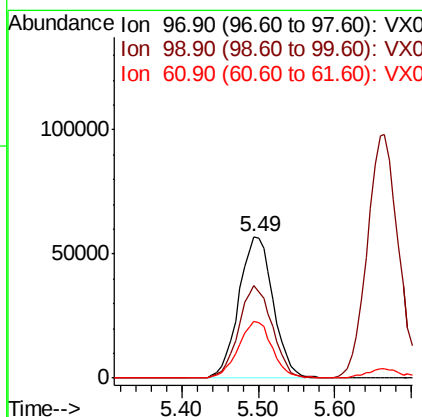
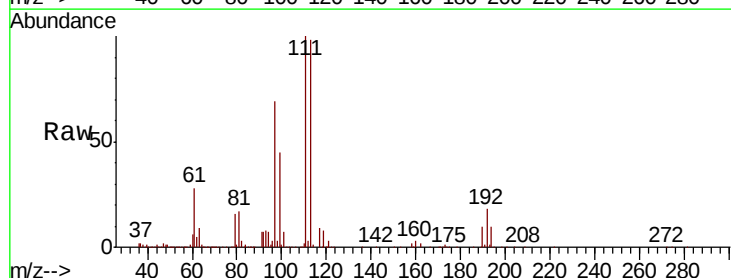
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

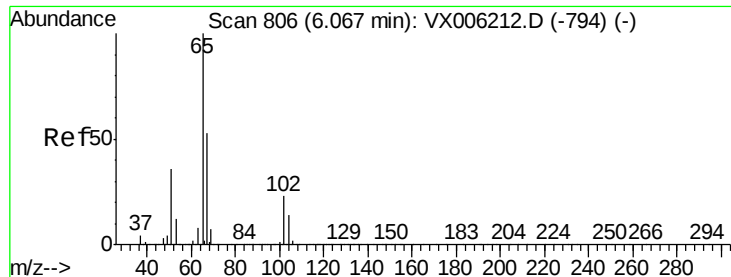
Tot Ion: 56 Resp: 173601
Ion Ratio Lower Upper
56 100
69 31.3 24.5 36.7
84 92.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.470 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 97 Resp: 177821
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 39.6 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 53.662 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

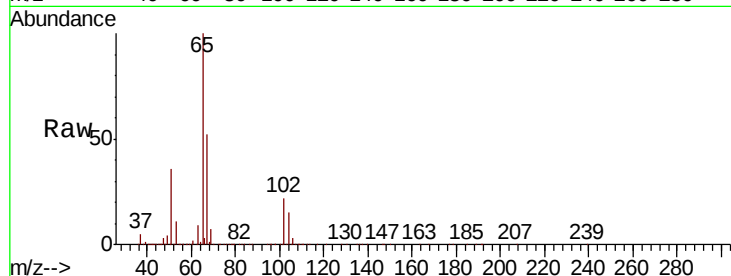
VX1213WBSD01

Tot Ion: 65 Resp: 284353

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

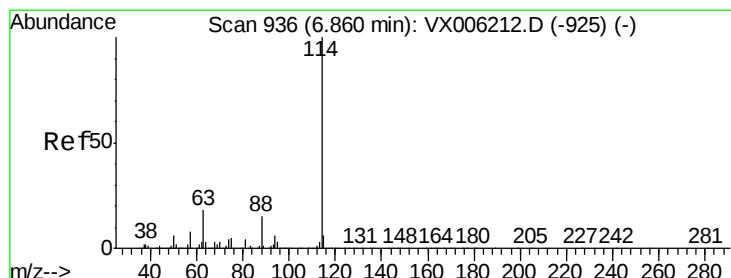
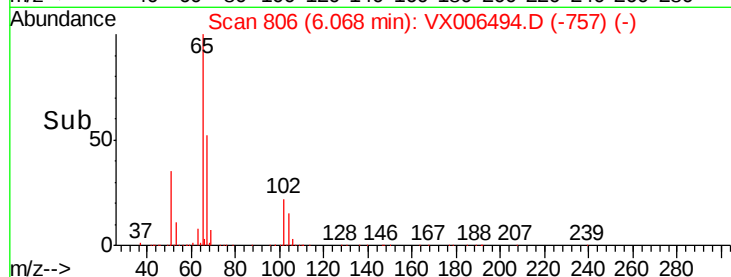
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

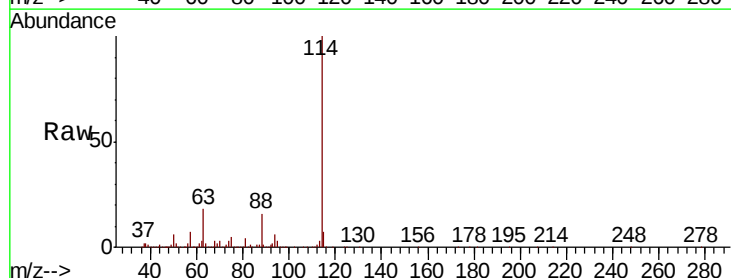
Tgt Ion: 114 Resp: 834346

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 15.5 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

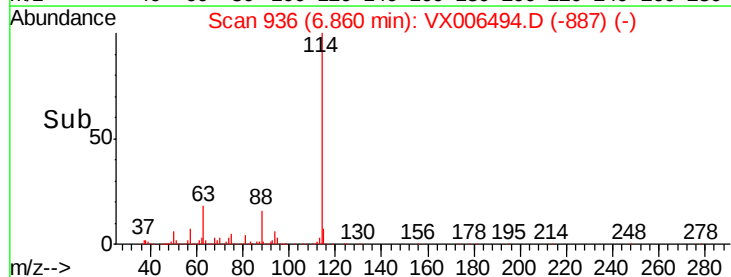
300000

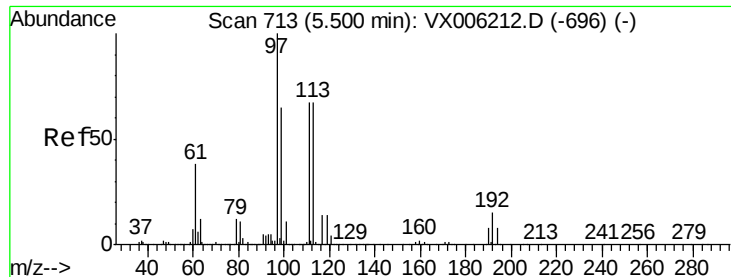
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.362 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

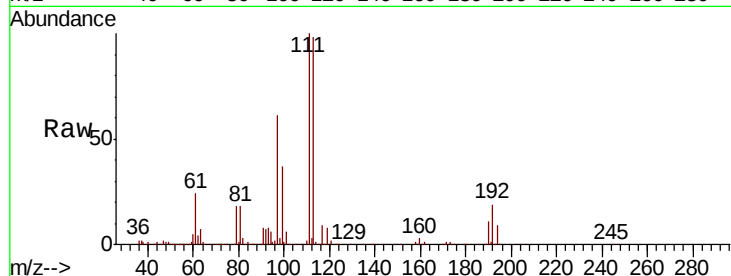
Tot Ion:113 Resp: 261257

Ion Ratio Lower Upper

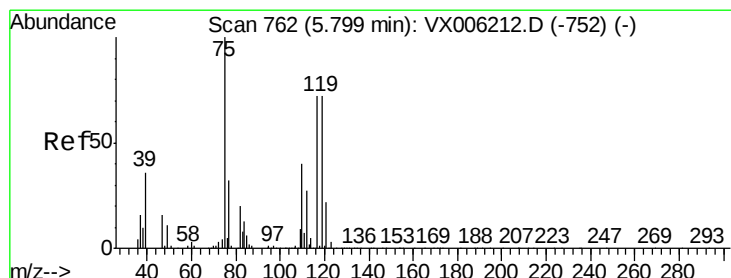
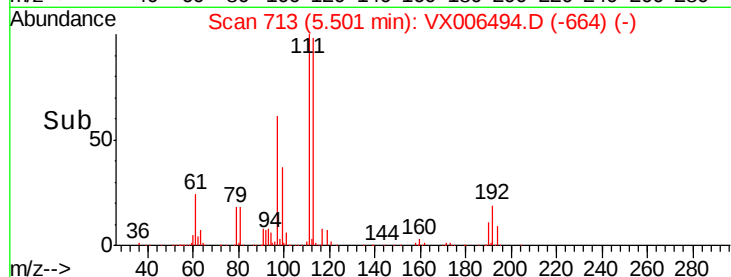
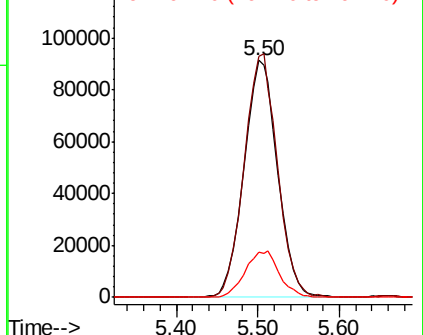
113 100

111 101.5 81.1 121.7

192 20.0 18.2 27.2



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: 21.276 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

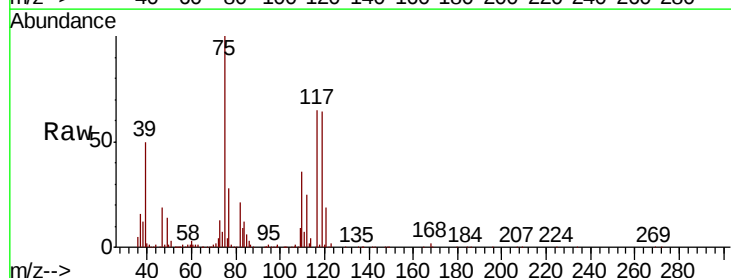
Tgt Ion: 75 Resp: 149486

Ion Ratio Lower Upper

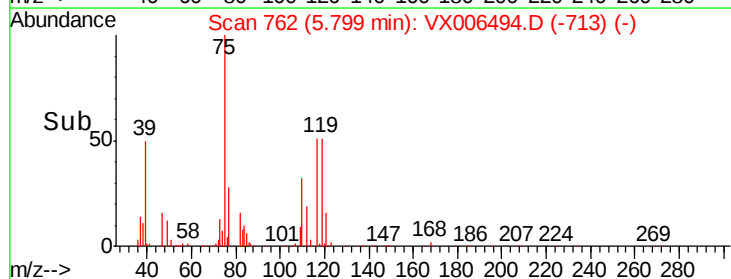
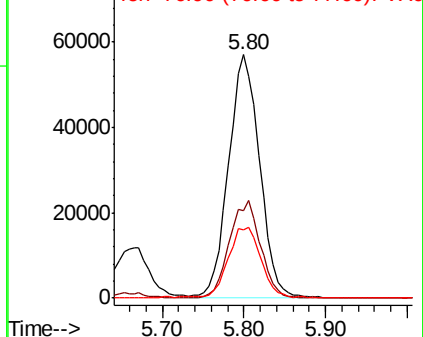
75 100

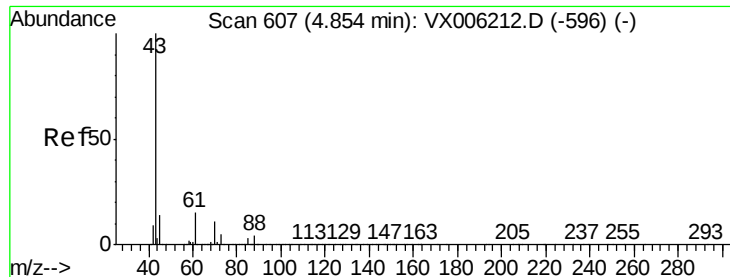
110 40.2 20.4 61.3

77 29.8 24.9 37.3



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

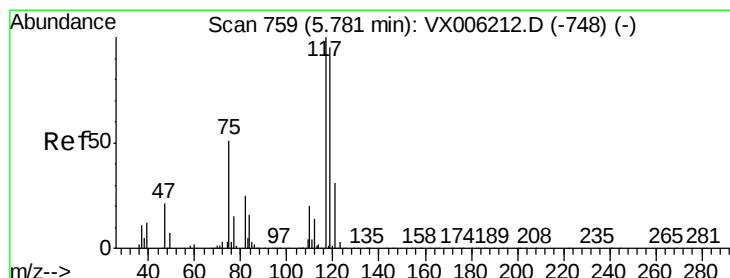
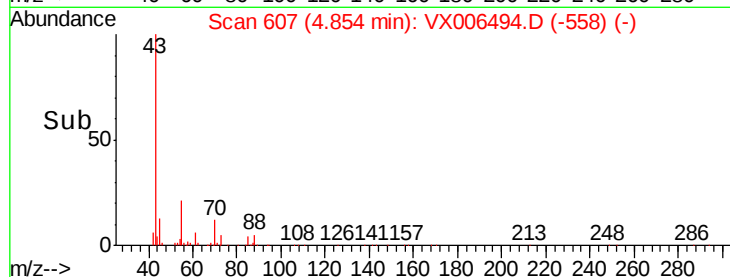
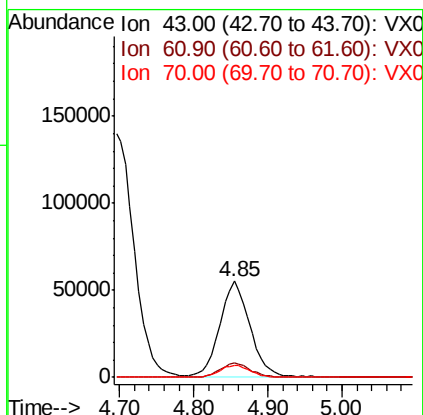
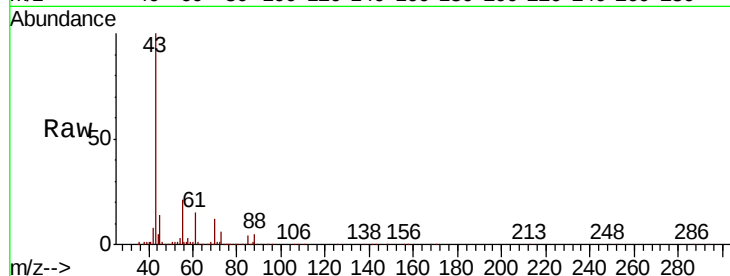




#37
Ethyl Acetate
Concen: 19.480 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

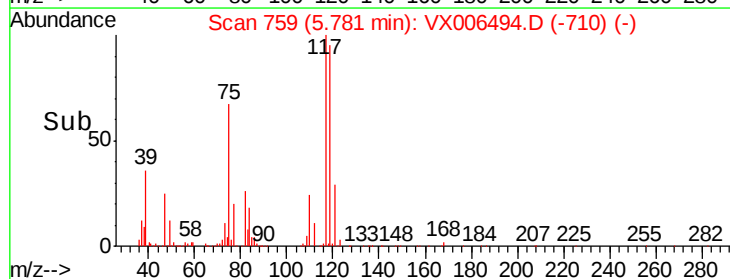
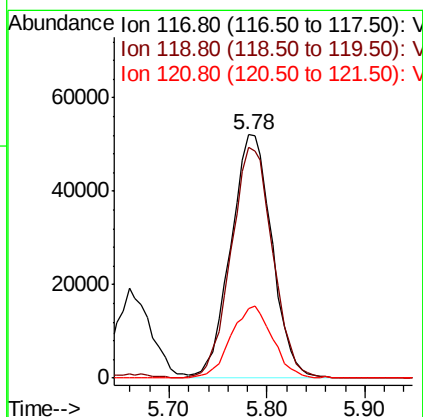
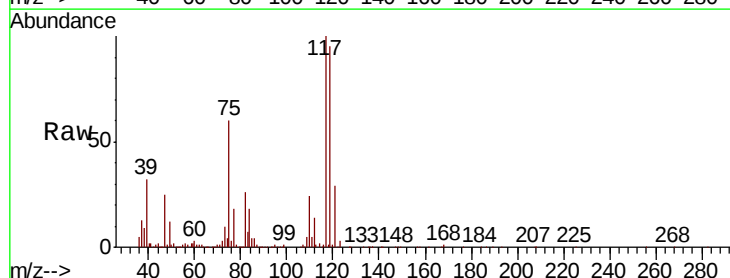
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

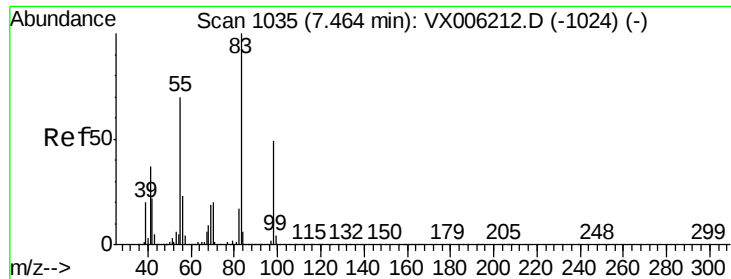
Tot Ion: 43 Resp: 153271
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 12.7 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.354 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 117 Resp: 151708
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
121 28.9 24.6 37.0

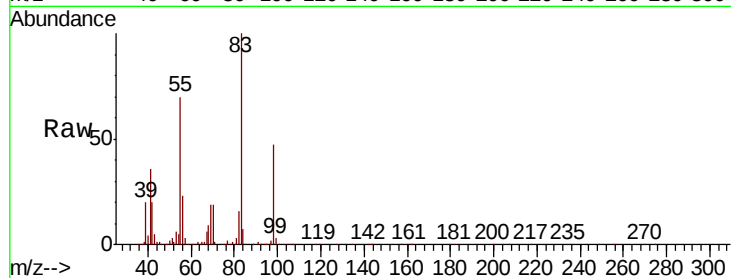




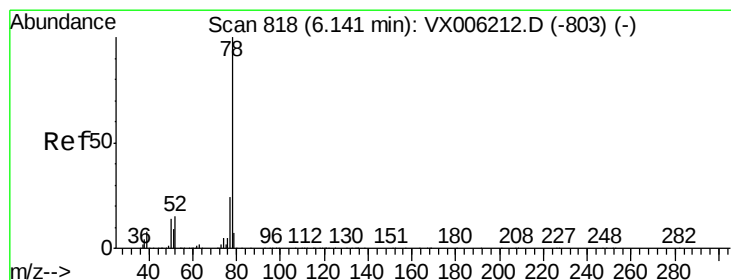
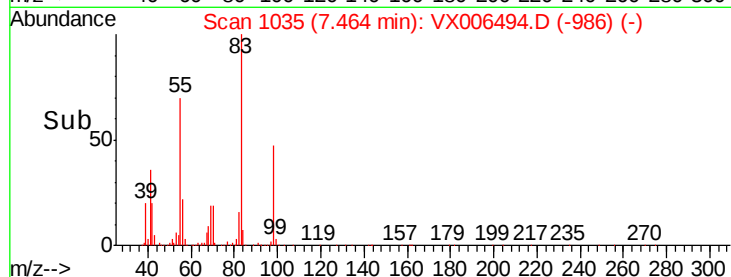
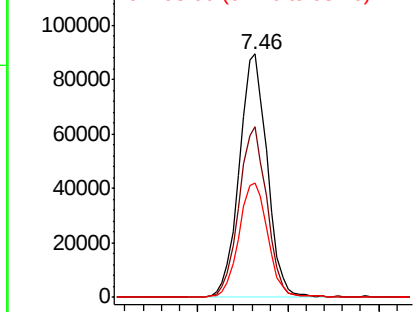
#39
Methvlcvclohexane
Concen: 20.837 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.9	56.4	84.6
98	46.7	39.0	58.6

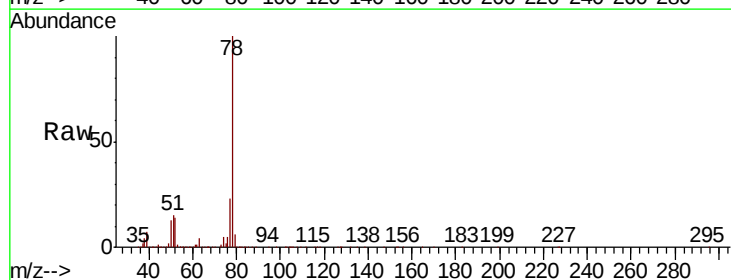


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

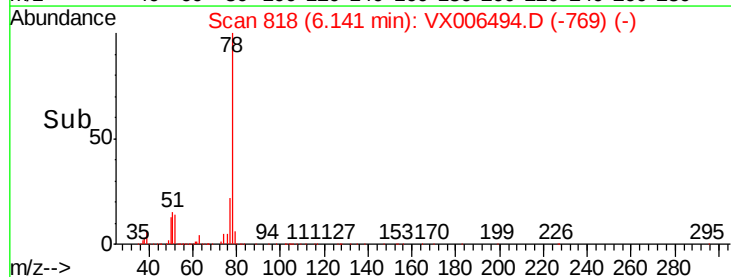
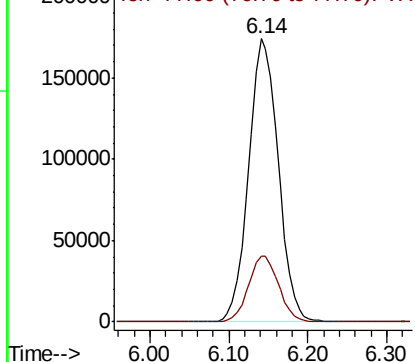


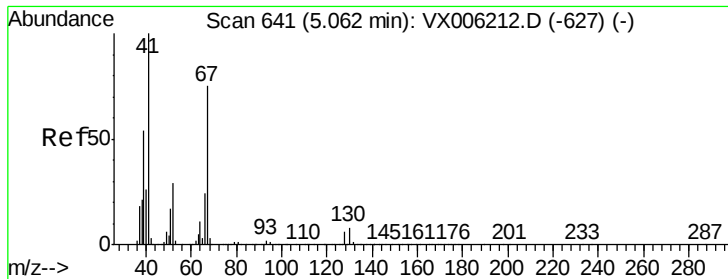
#40
Benzene
Concen: 21.624 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8



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





#41

Methacrylonitrile

Concen: 19.437 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 41 Resp: 84155

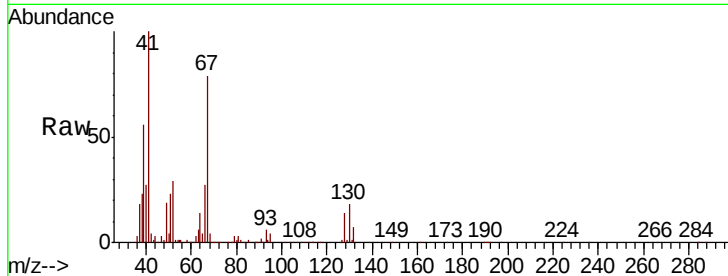
Ion Ratio Lower Upper

41 100

39 53.6 44.0 66.0

67 80.8 61.4 92.0

52 29.8 23.5 35.3

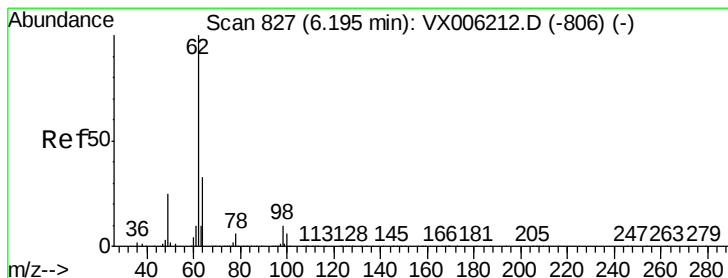
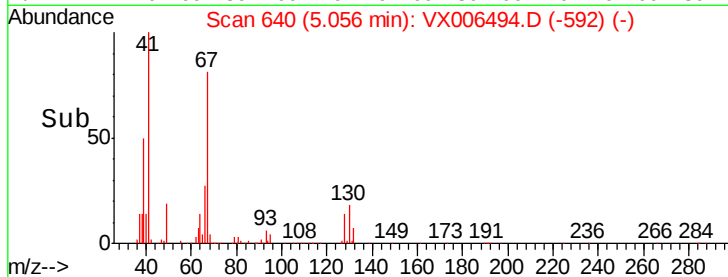
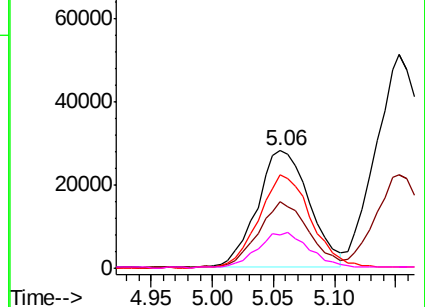


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 21.901 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006494.D

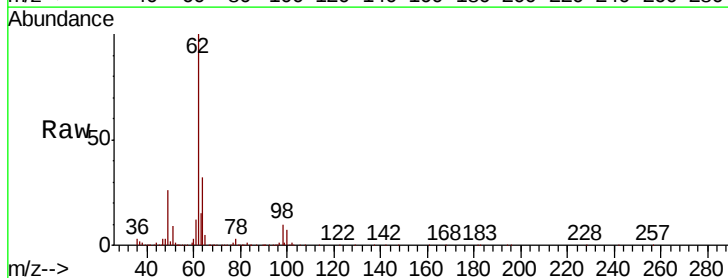
Acq: 13 Dec 2018 14:51

Tgt Ion: 62 Resp: 150838

Ion Ratio Lower Upper

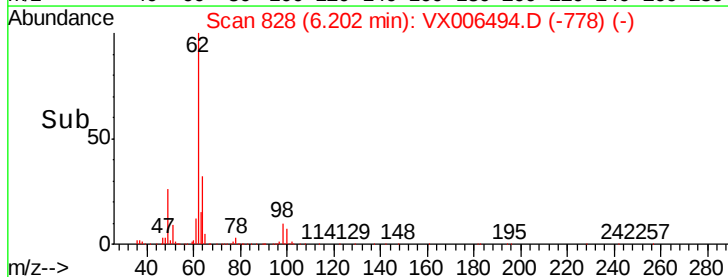
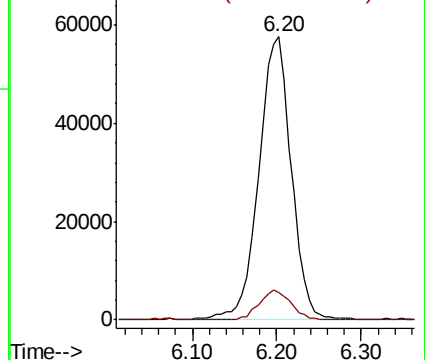
62 100

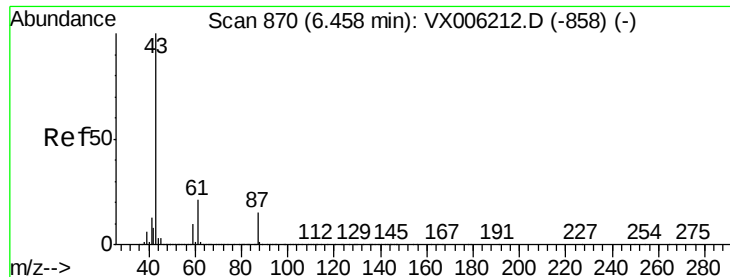
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



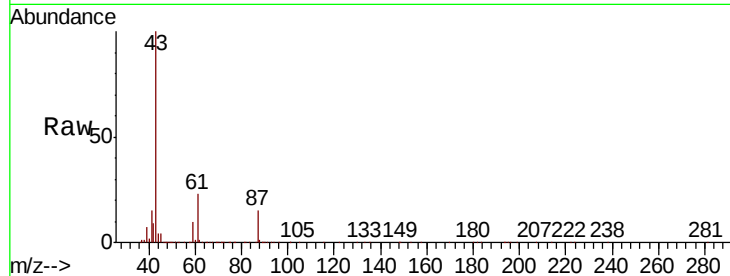


#43

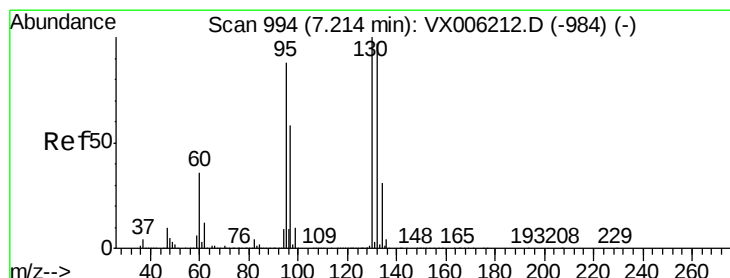
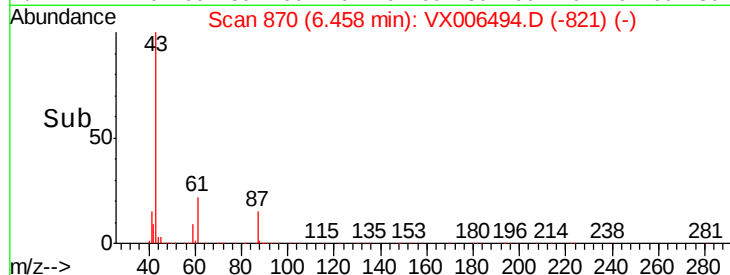
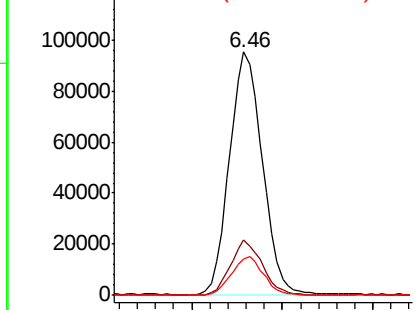
Isopropyl Acetate
 Concen: 18.336 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion: 43 Resp: 240543
 Ion Ratio Lower Upper
 43 100
 61 22.2 16.8 25.2
 87 15.7 11.9 17.9



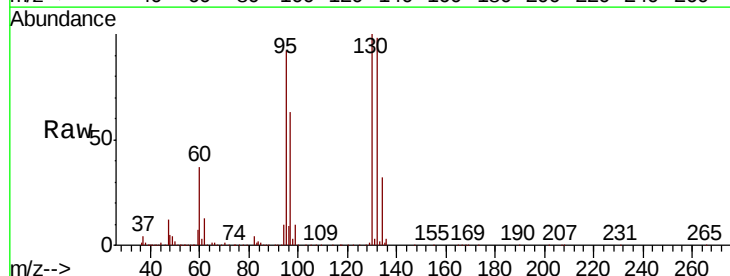
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



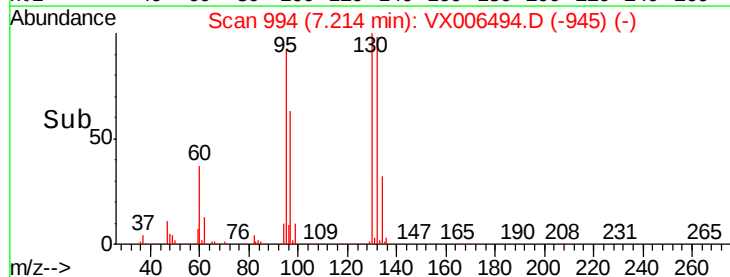
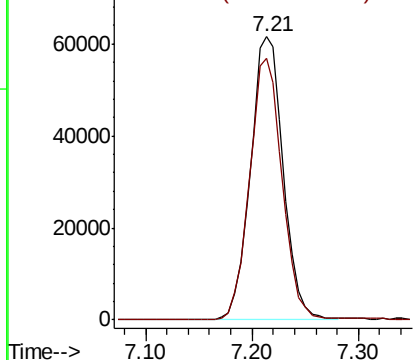
#44

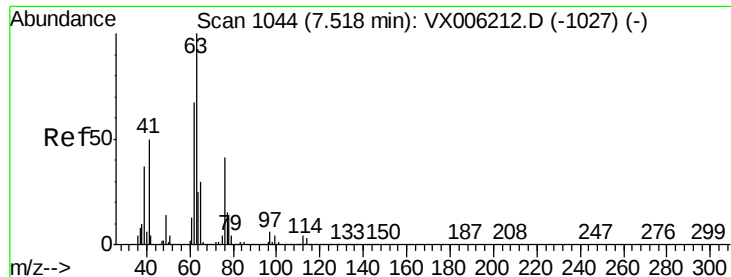
Trichloroethene
 Concen: 20.785 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 130 Resp: 132507
 Ion Ratio Lower Upper
 130 100
 95 92.2 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.308 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

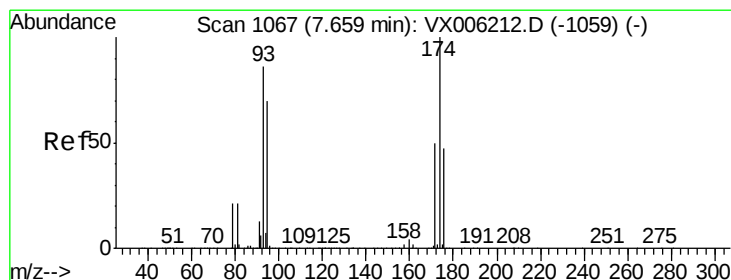
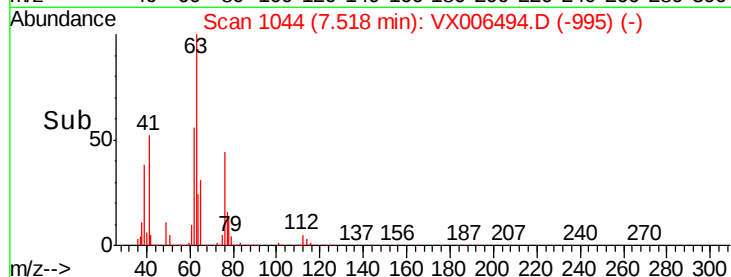
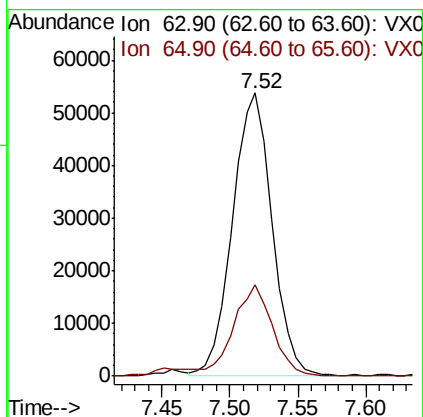
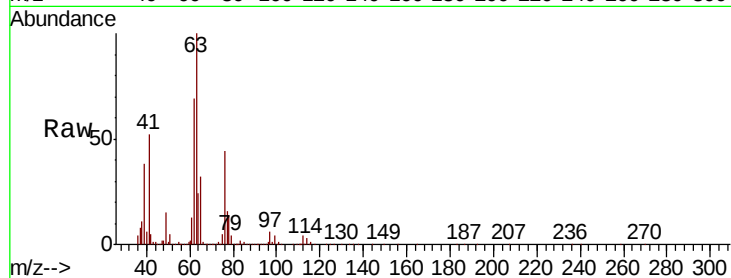
VX1213WBSD01

Tot Ion: 63 Resp: 108611

Ion Ratio Lower Upper

63 100

65 31.7 24.3 36.5



#46

Dibromomethane

Concen: 20.997 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

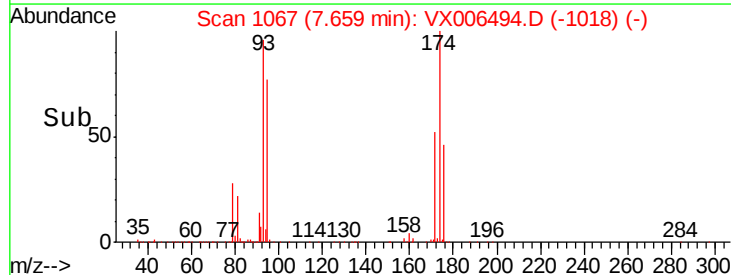
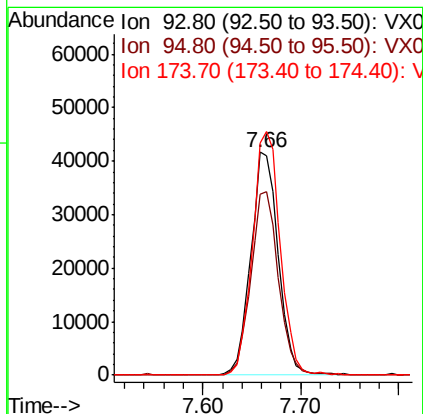
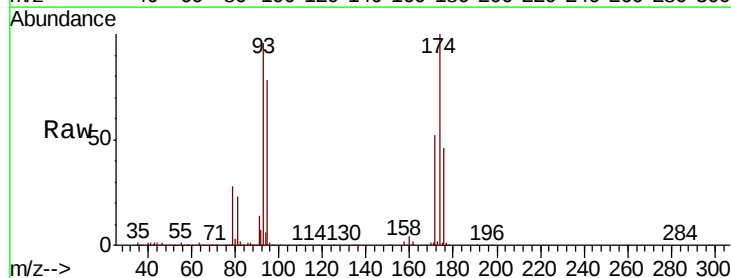
Tgt Ion: 93 Resp: 81105

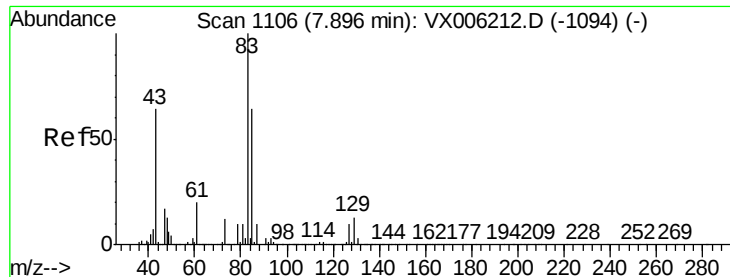
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 110.0 97.2 145.8





#47

Bromodichloromethane

Concen: 18.057 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

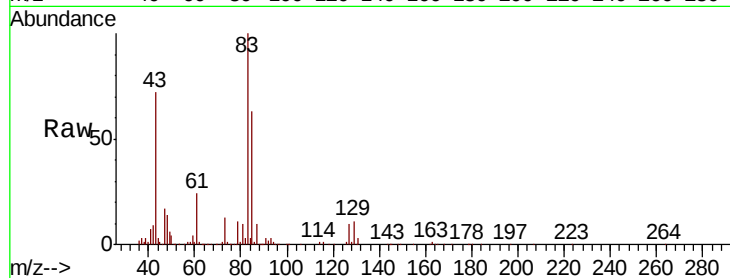
Tot Ion: 83 Resp: 135071

Ion Ratio Lower Upper

83 100

85 62.4 51.4 77.0

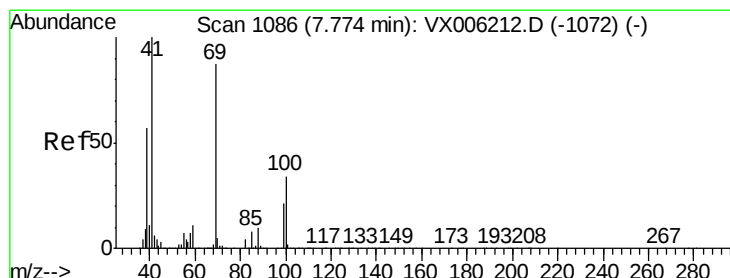
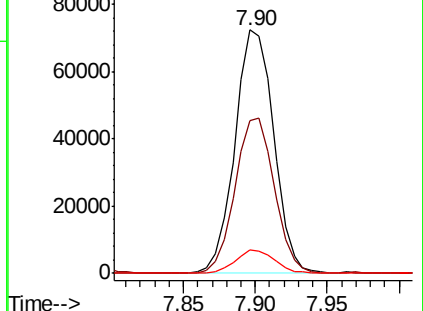
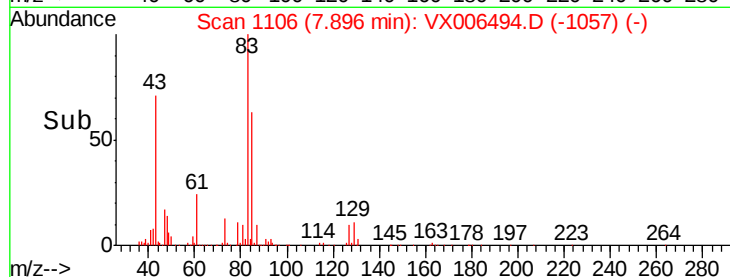
127 9.6 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.107 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

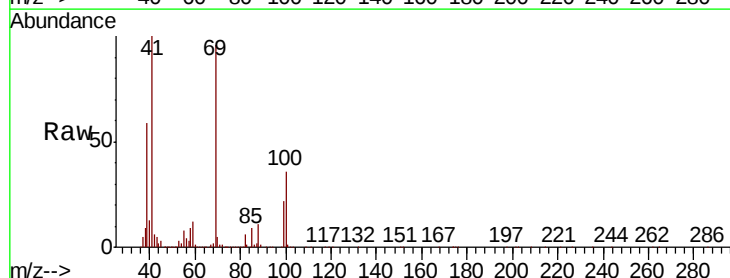
Tgt Ion: 41 Resp: 121941

Ion Ratio Lower Upper

41 100

69 91.6 70.3 105.5

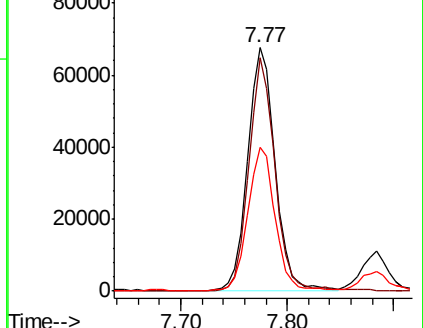
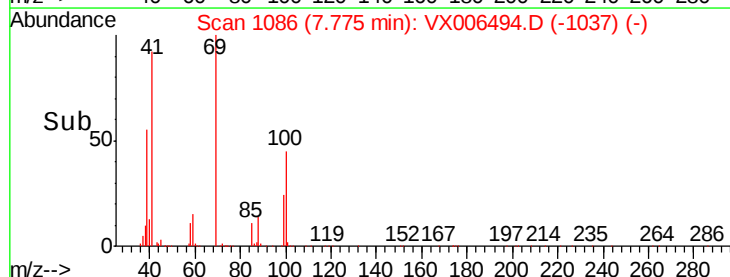
39 59.4 45.3 67.9

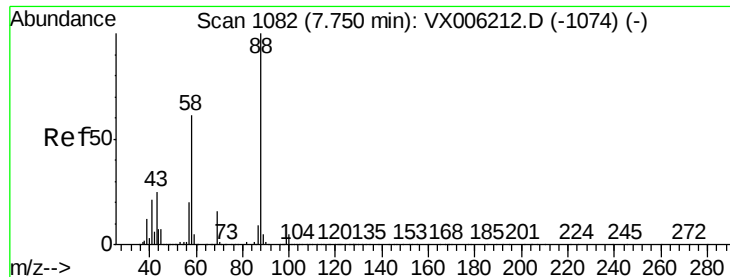


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 447.304 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

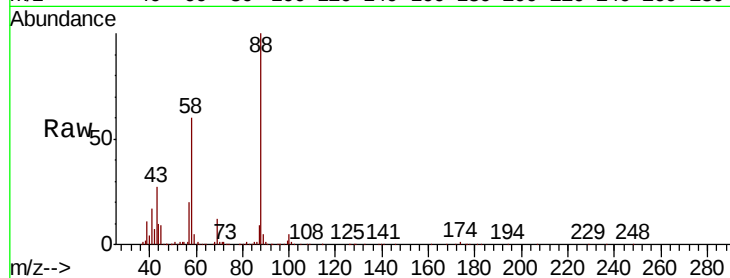
MSVOA_X

ClientSampleId :

VX1213WBSD01

Tot Ion: 88 Resp: 70359

Ion	Ratio	Lower	Upper
88	100		
43	26.8	23.2	34.8
58	63.7	51.4	77.0

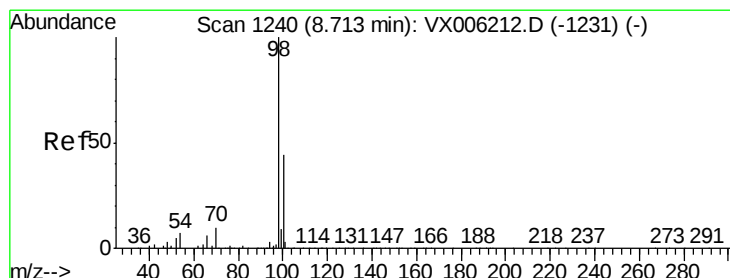
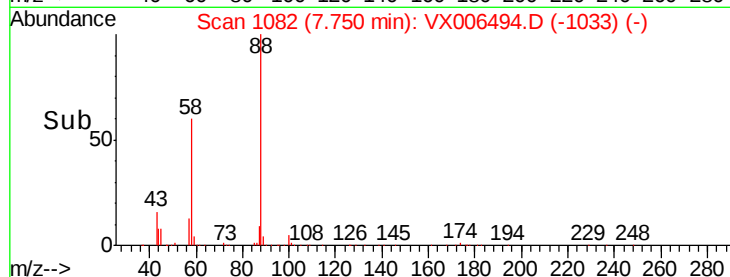
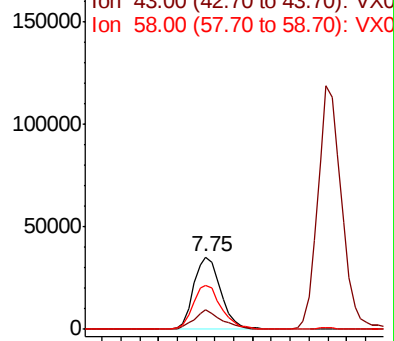


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.366 ug/l

RT: 8.71 min Scan# 1240

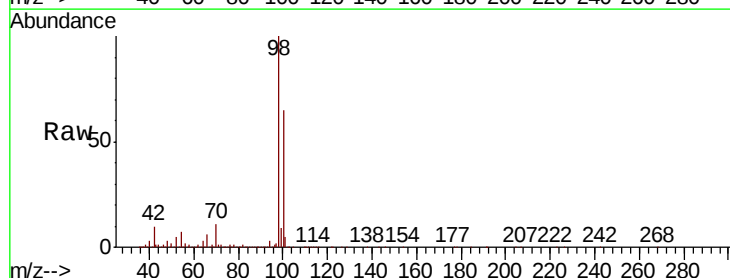
Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Tgt Ion: 98 Resp: 950363

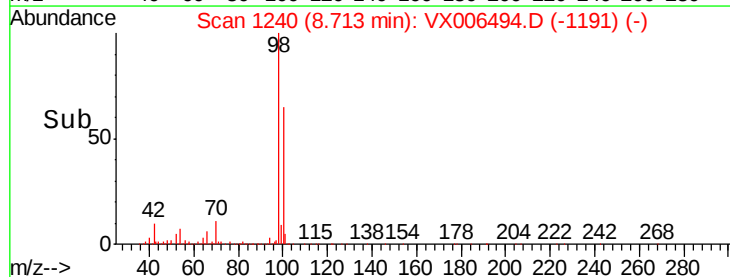
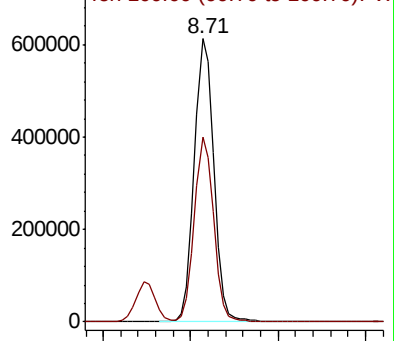
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2

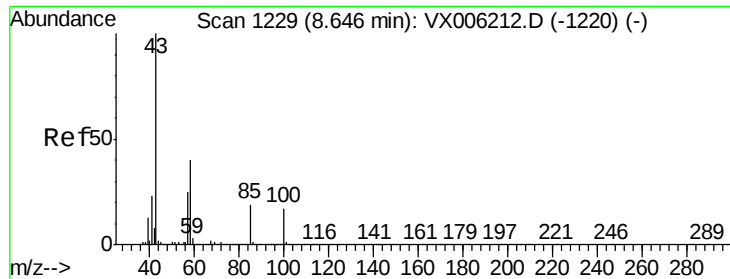


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

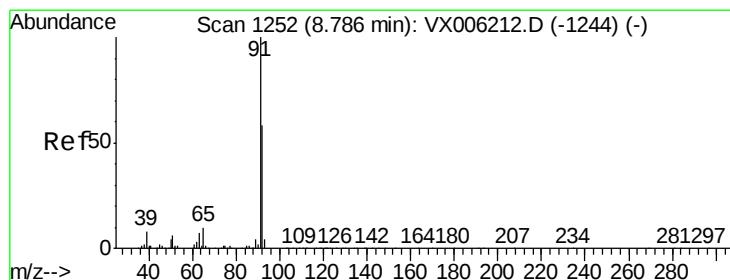
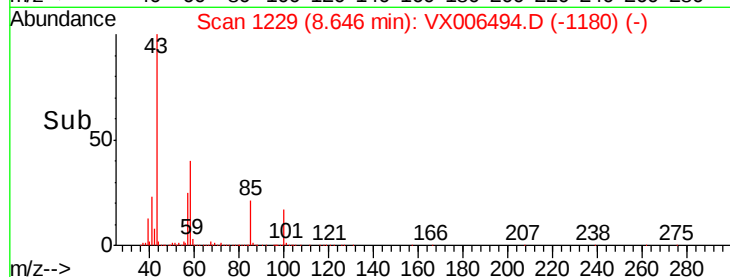
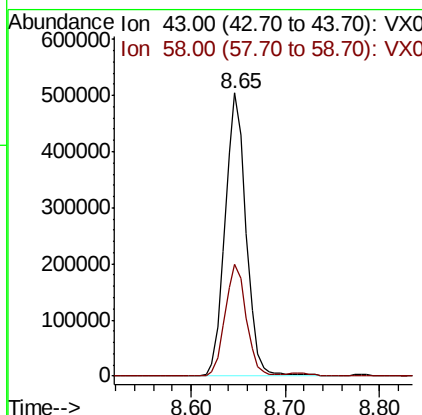
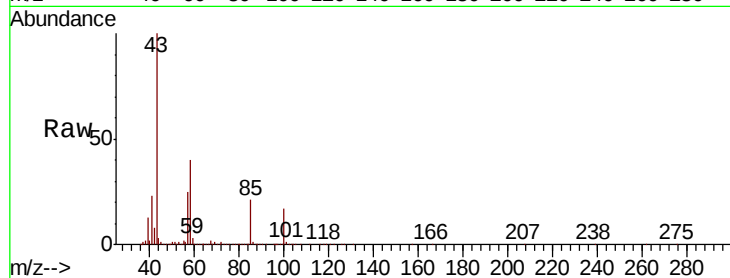




#51
 4-Methyl-2-Pentanone
 Concen: 102.275 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

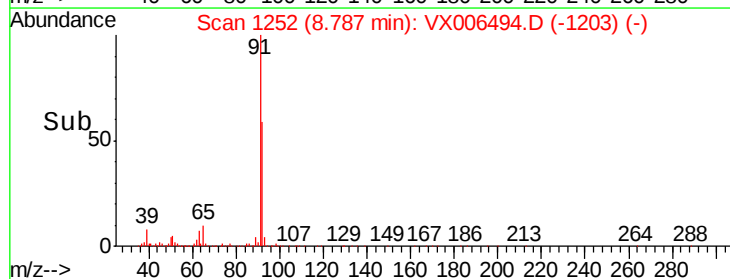
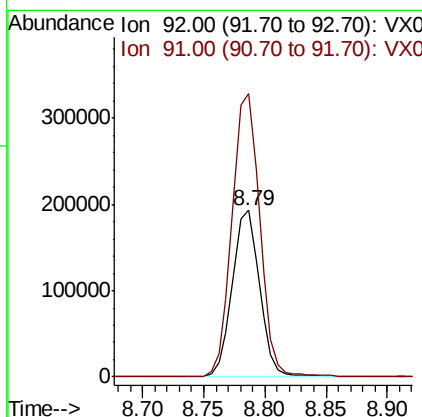
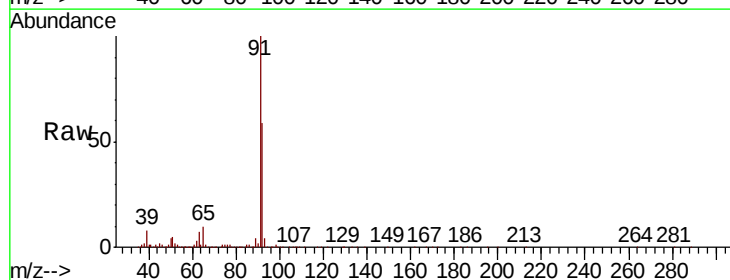
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

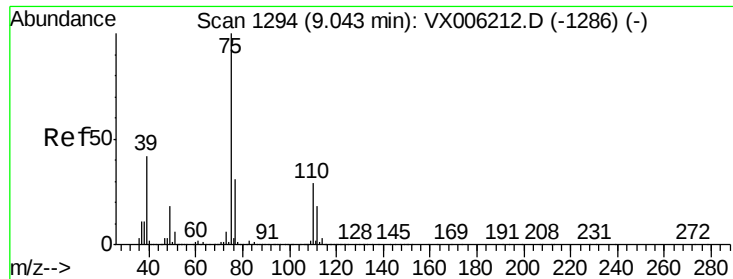
Tot Ion: 43 Resp: 781067
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.3 46.9



#52
 Toluene
 Concen: 21.490 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 92 Resp: 297516
 Ion Ratio Lower Upper
 92 100
 91 173.8 139.2 208.8

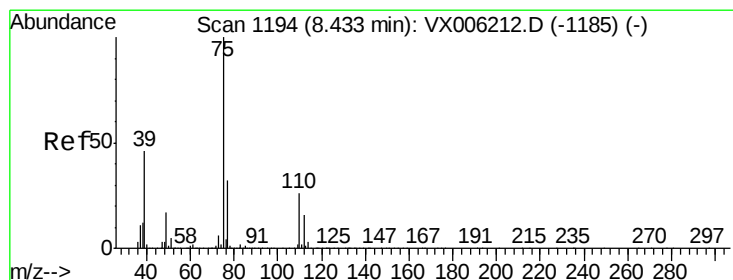
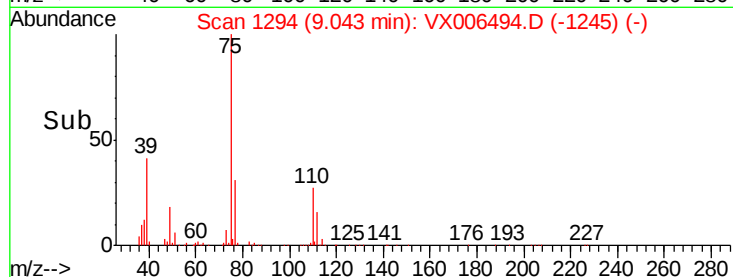
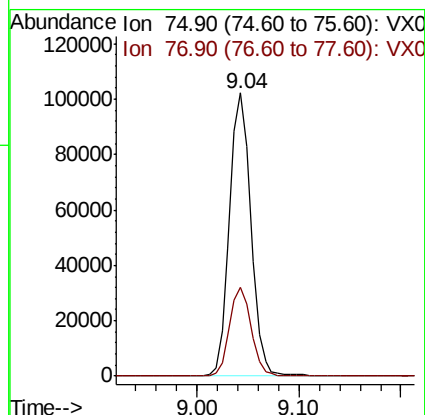
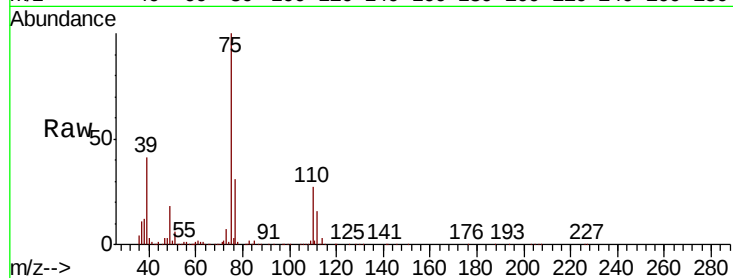




#53
t-1,3-Dichloropropene
Concen: 16.930 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

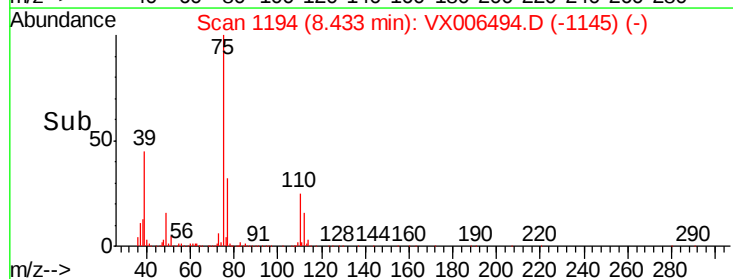
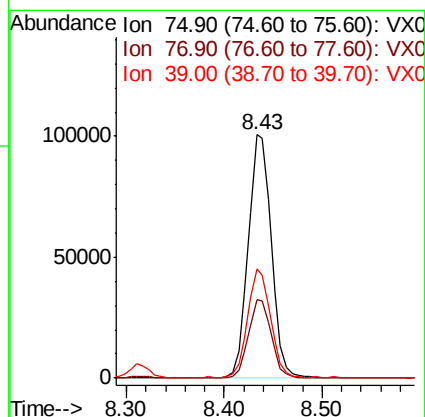
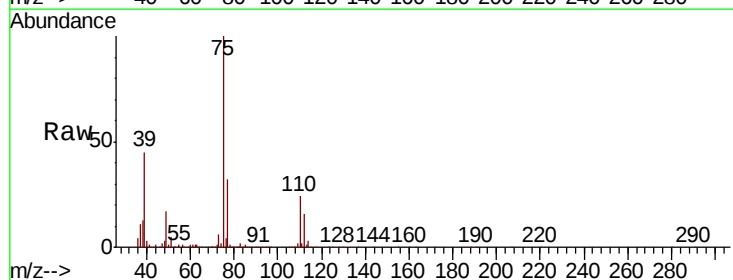
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

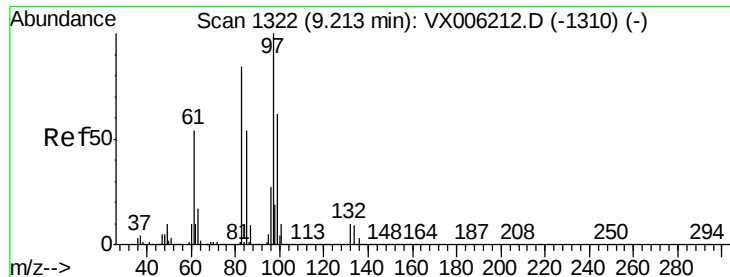
Tot Ion: 75 Resp: 148102
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.110 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 75 Resp: 164508
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 44.9 36.5 54.7



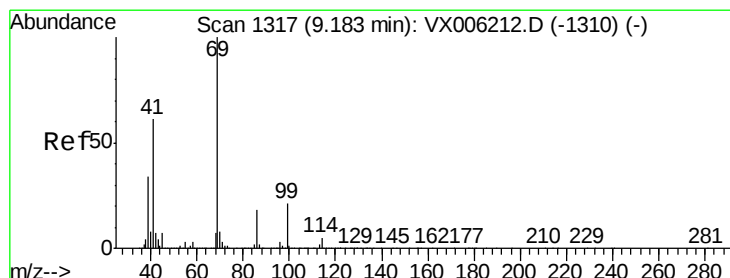
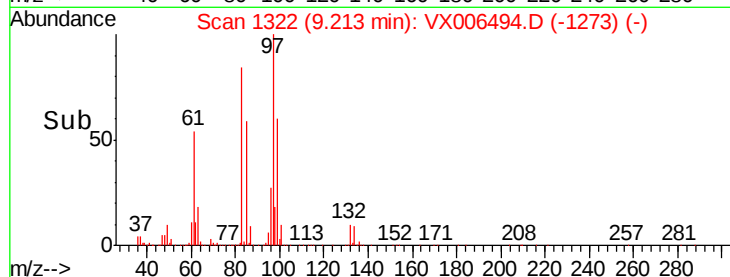
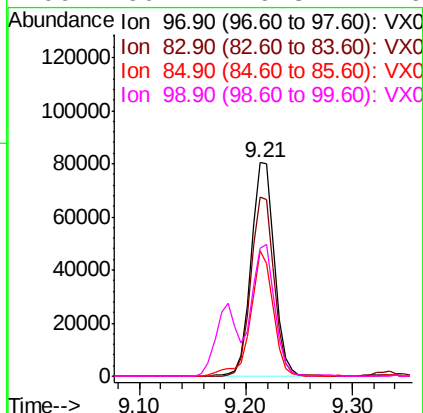
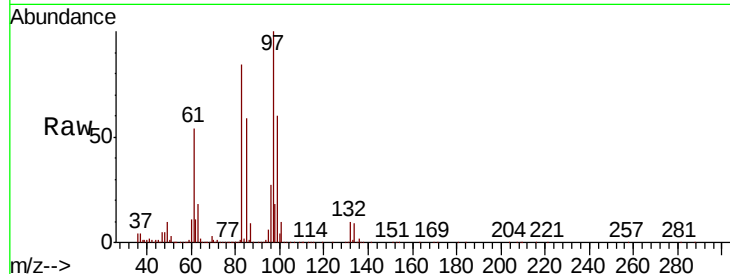


#55
 1,1,2-Trichloroethane
 Concen: 22.051 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

Tot Ion: 97 Resp: 124022

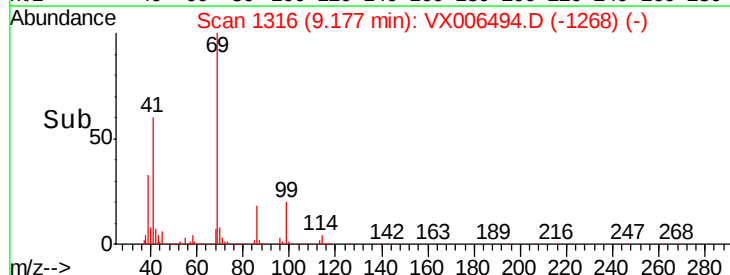
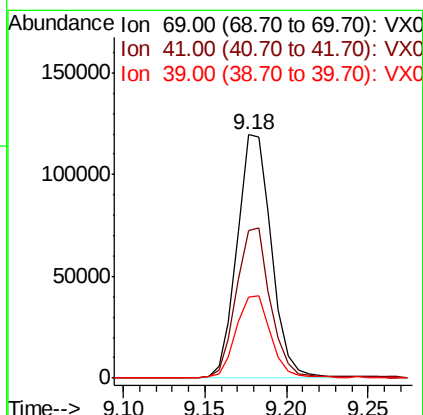
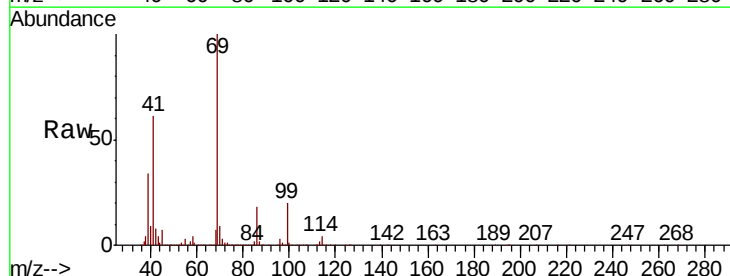
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.1	100.7
85	58.6	43.2	64.8
99	60.2	49.8	74.6

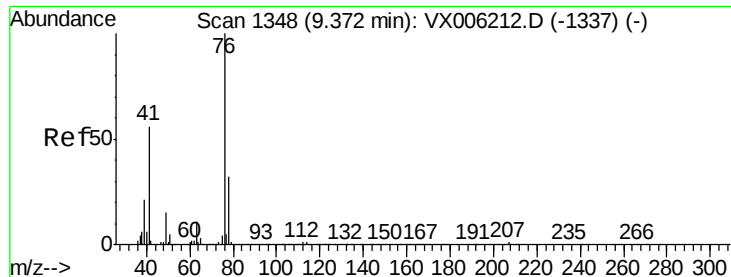


#56
 Ethyl methacrylate
 Concen: 19.978 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 69 Resp: 175660

Ion	Ratio	Lower	Upper
69	100		
41	61.1	50.6	76.0
39	33.7	27.6	41.4





#57

1,3-Dichloropropane

Concen: 21.561 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

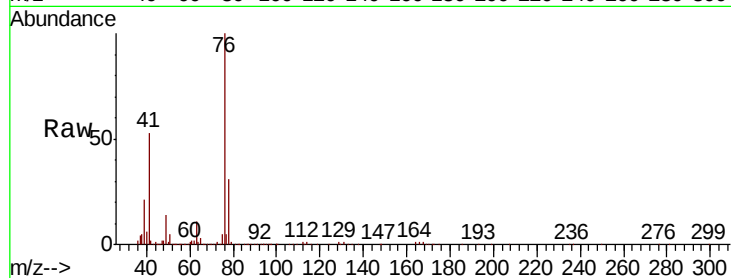
VX1213WBSD01

Tot Ion: 76 Resp: 191761

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

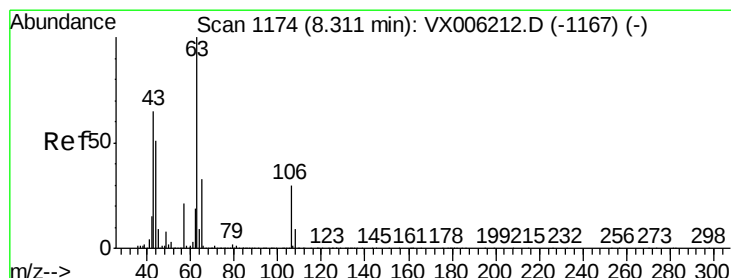
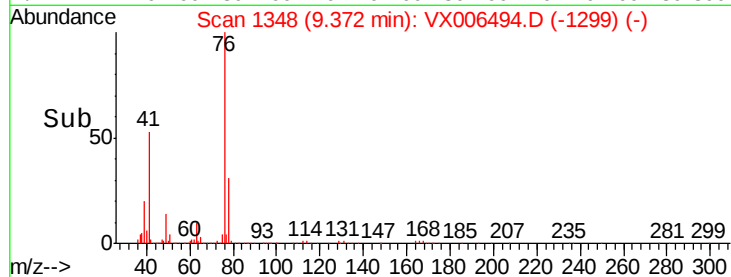
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 93.431 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006494.D

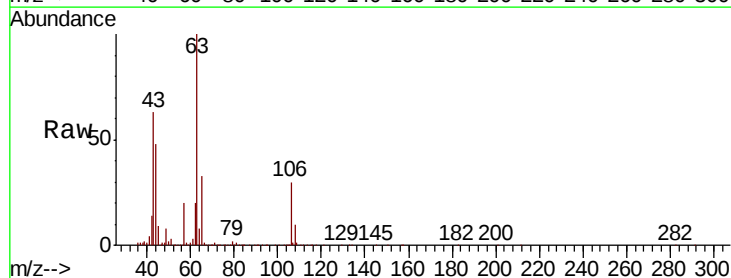
Acq: 13 Dec 2018 14:51

Tgt Ion: 63 Resp: 416879

Ion Ratio Lower Upper

63 100

106 31.5 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

250000

200000

150000

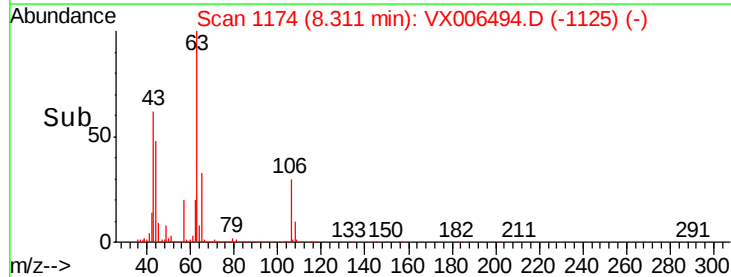
100000

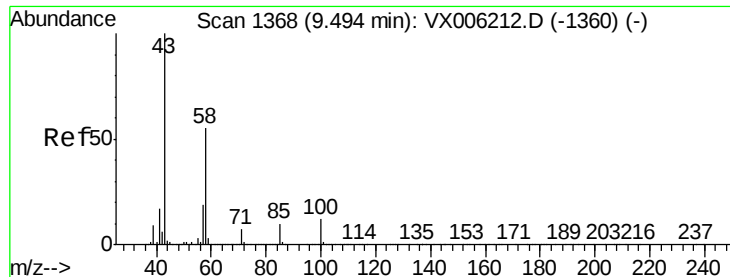
50000

0

8.20 8.30 8.40

Time-->

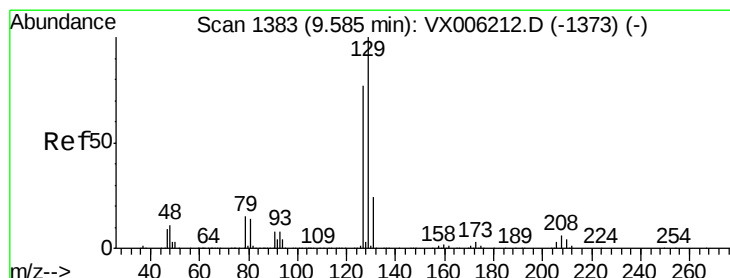
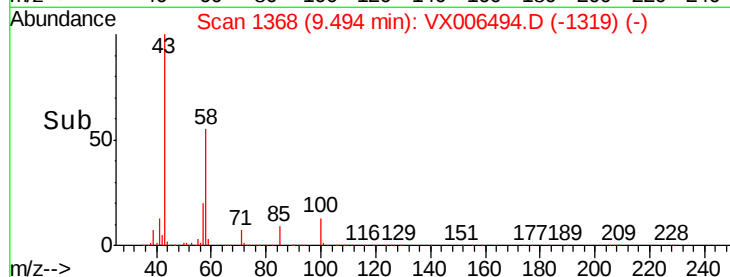
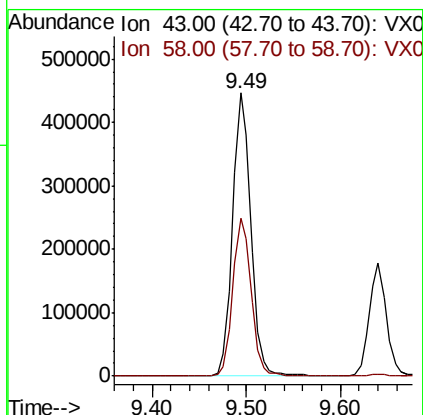
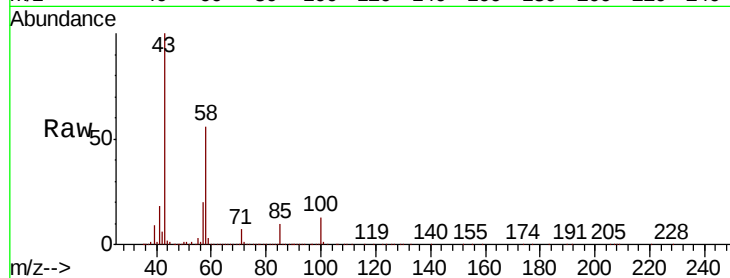




#59
2-Hexanone
Concen: 102.938 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

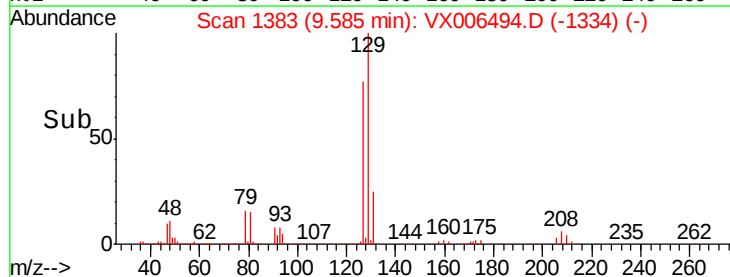
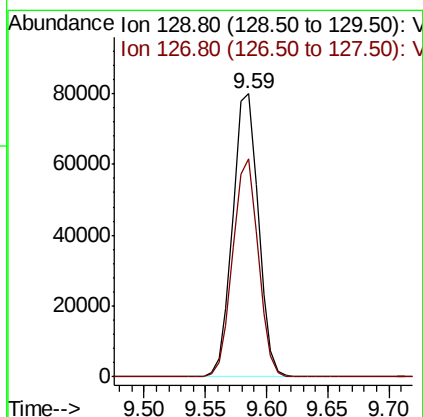
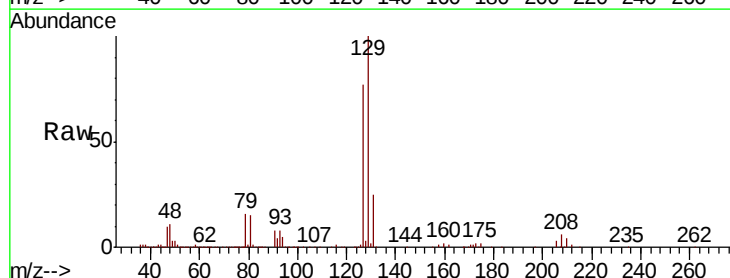
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

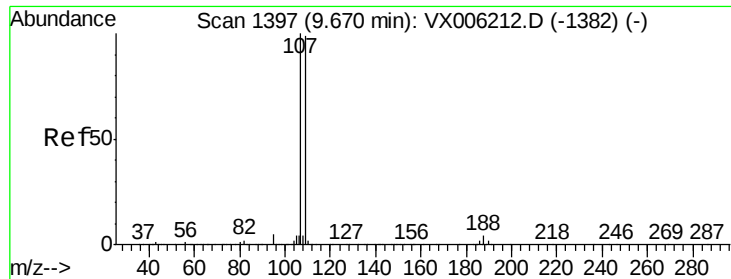
Tot Ion: 43 Resp: 600606
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 16.741 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 129 Resp: 116109
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8

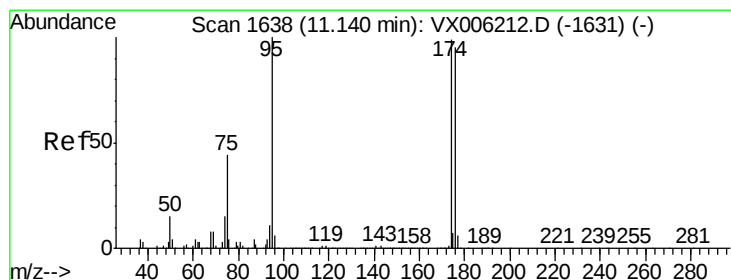
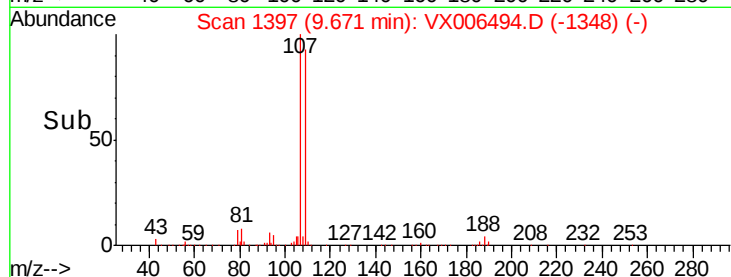
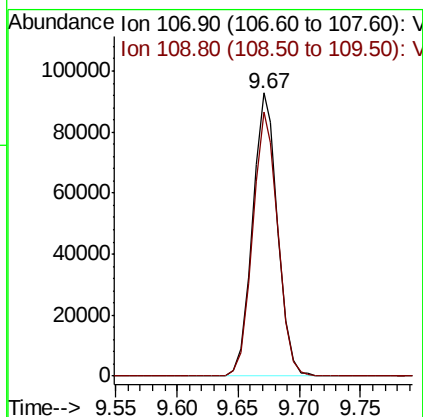
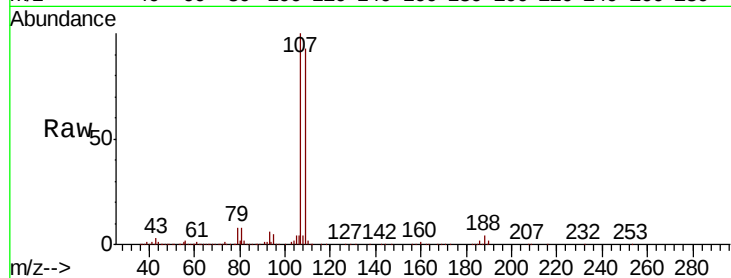




#61
 1,2-Dibromoethane
 Concen: 21.045 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

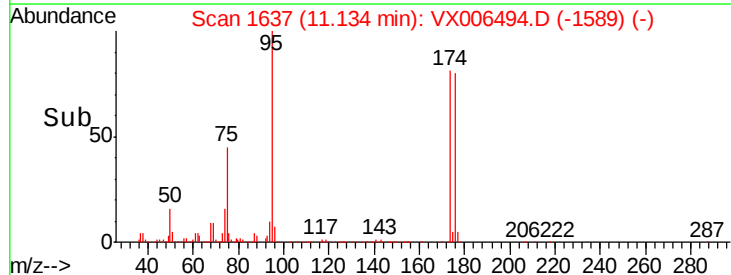
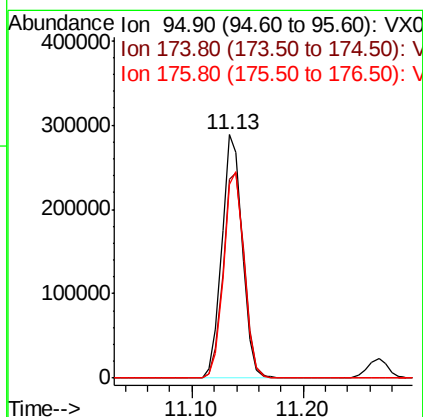
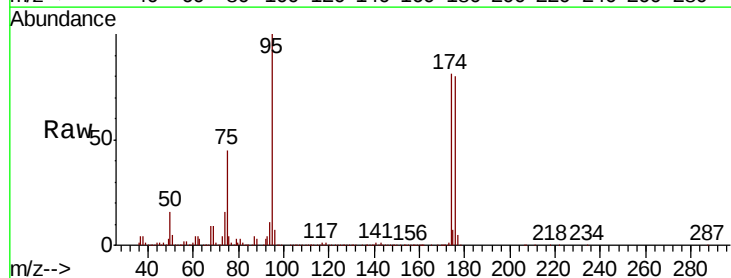
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

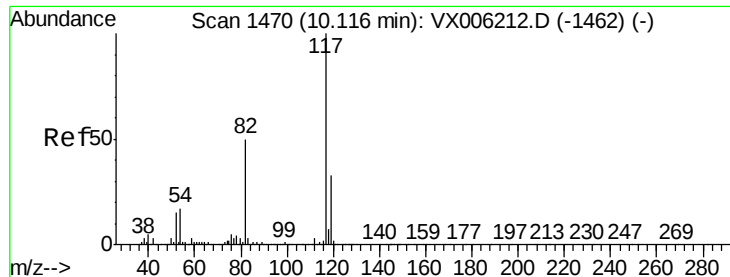
Tot Ion:107 Resp: 132353
 Ion Ratio Lower Upper
 107 100
 109 93.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.633 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion: 95 Resp: 367509
 Ion Ratio Lower Upper
 95 100
 174 86.9 0.0 187.0
 176 84.6 0.0 181.8

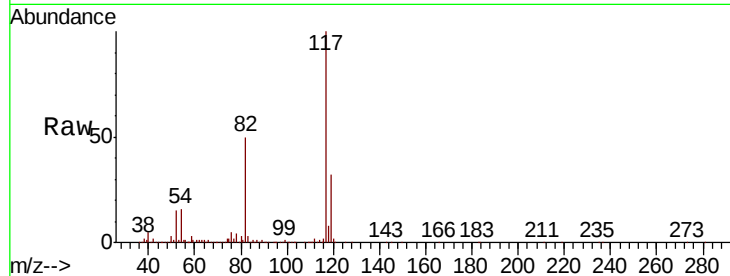




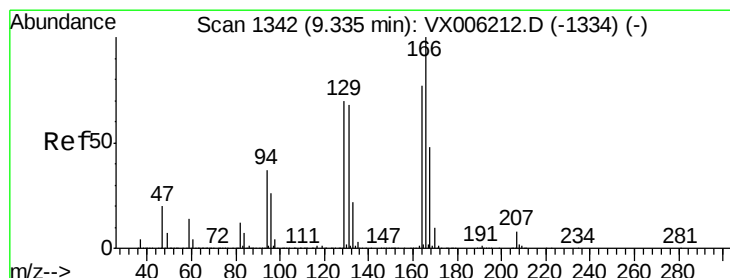
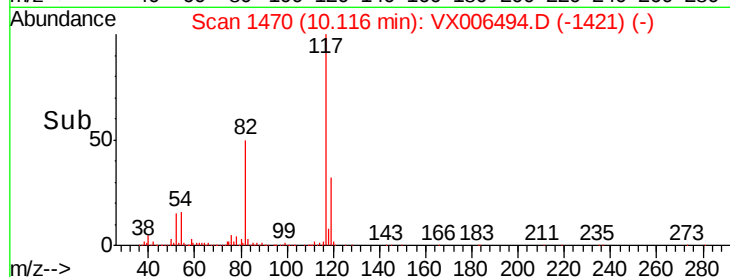
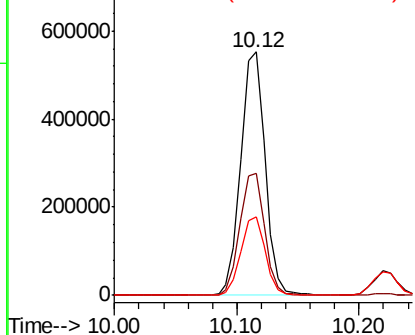
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Instrument :
MSVOA_X
ClientSampled :
VX1213WBSD01

Tot Ion:117 Resp: 764682
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 32.3 26.3 39.5

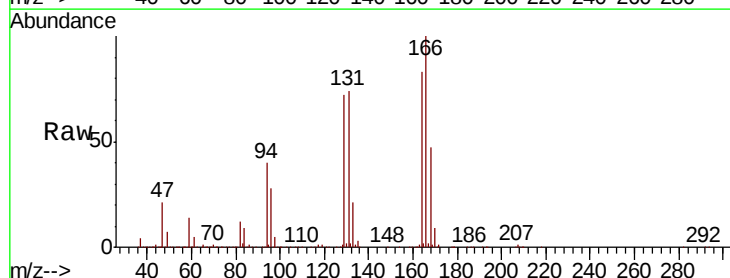


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

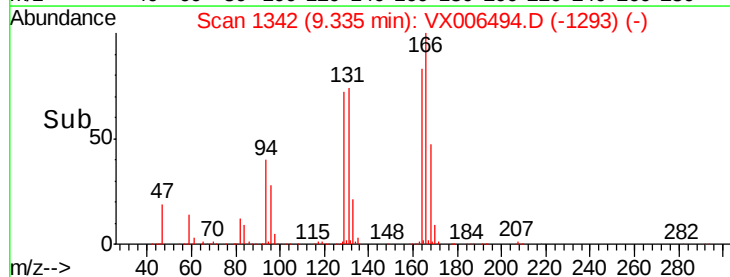
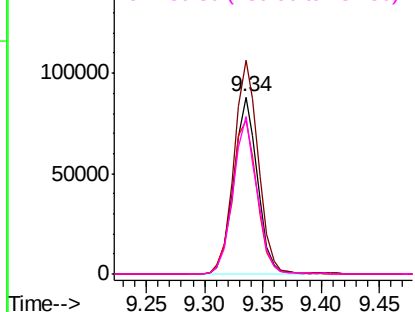


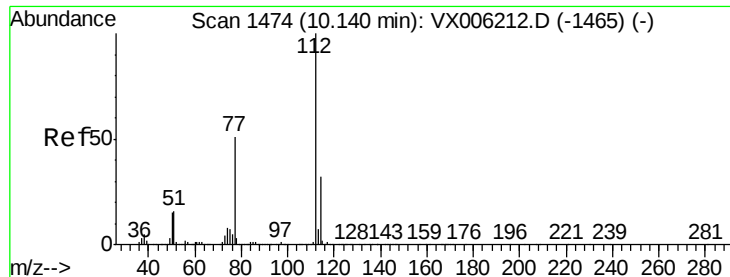
#64
Tetrachloroethene
Concen: 21.774 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion:164 Resp: 125393
Ion Ratio Lower Upper
164 100
166 120.7 104.2 156.2
129 86.8 72.6 108.8
131 89.0 70.3 105.5



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

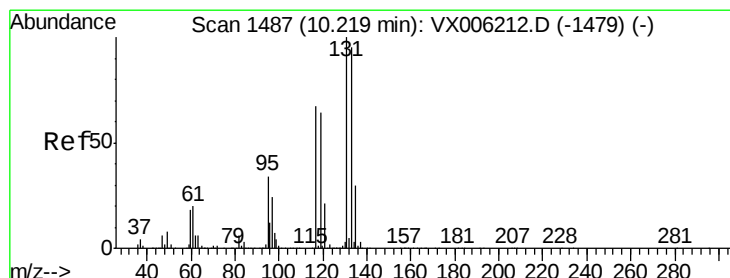
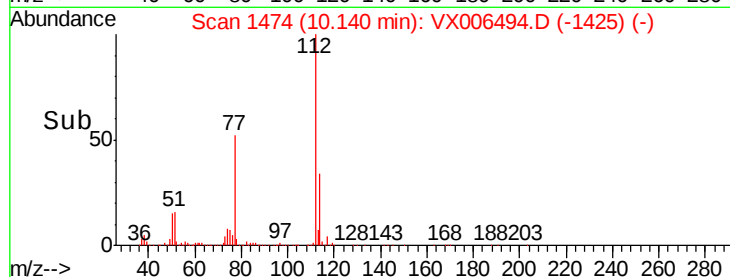
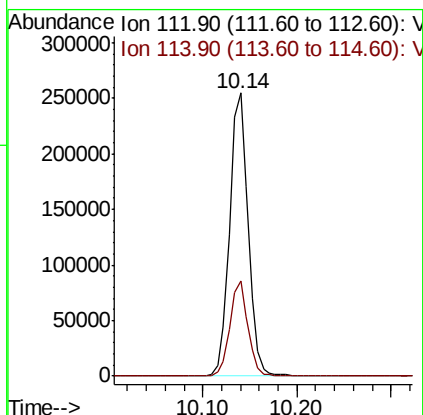
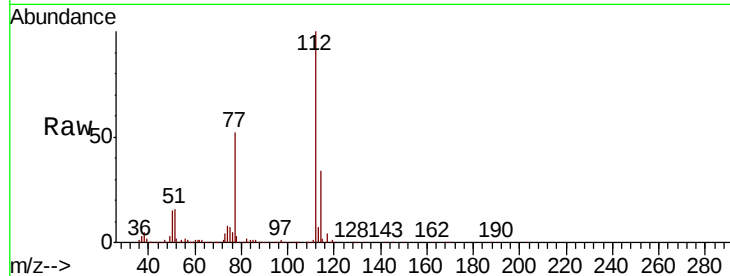




#65
Chlorobenzene
Concen: 21.424 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

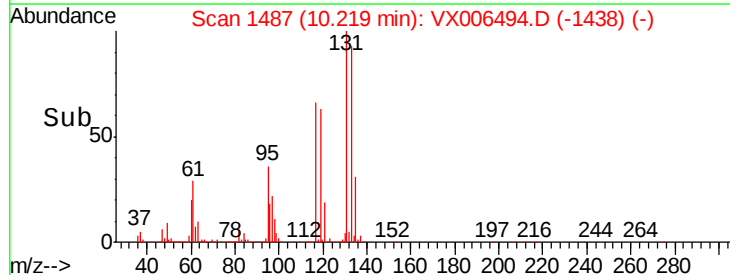
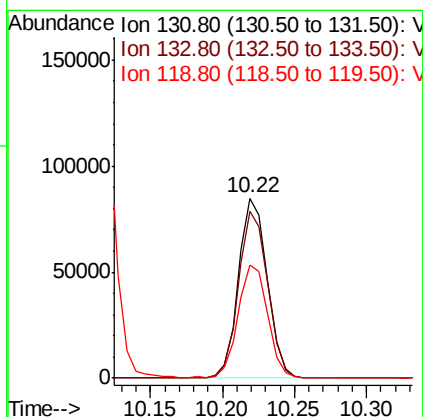
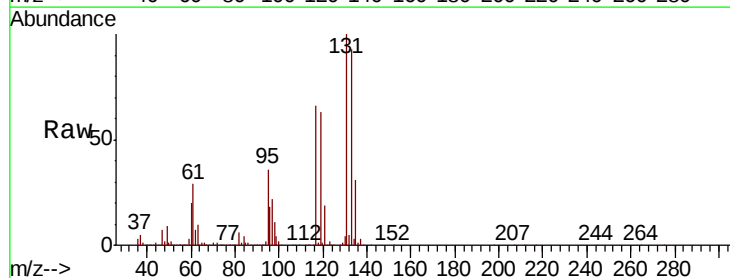
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

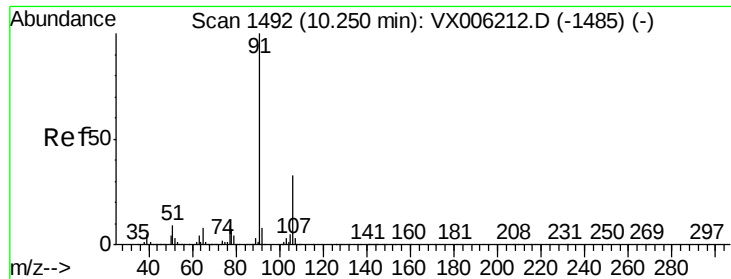
Tot Ion:112 Resp: 347758
Ion Ratio Lower Upper
112 100
114 33.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.644 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion:131 Resp: 117589
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.4
119 64.3 32.1 96.3

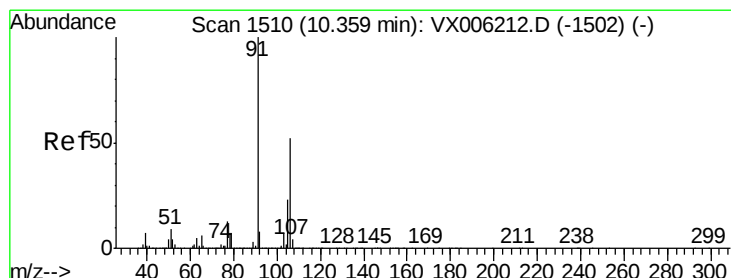
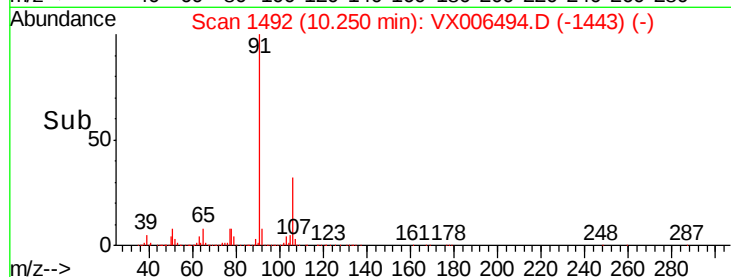
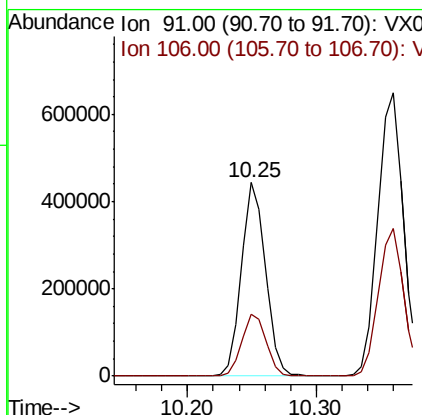
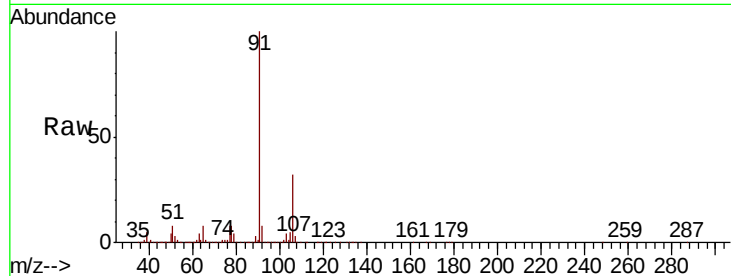




#67
Ethyl Benzene
Concen: 21.306 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

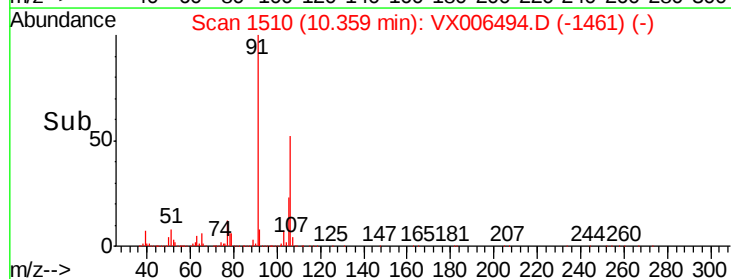
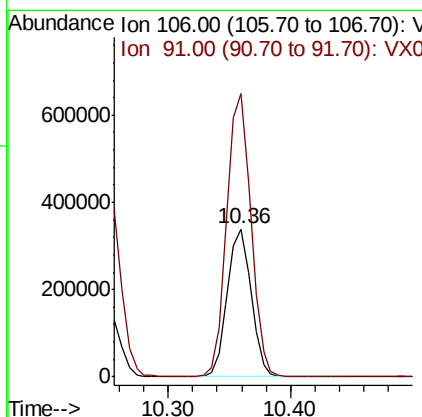
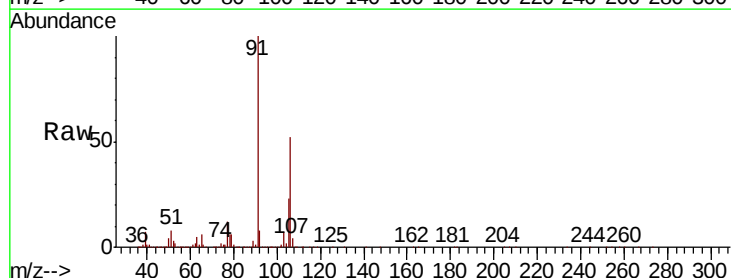
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

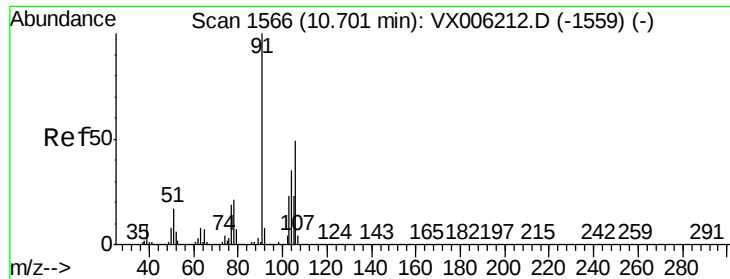
Tot Ion: 91 Resp: 575227
Ion Ratio Lower Upper
91 100
106 31.9 26.5 39.7



#68
m/p-Xylenes
Concen: 42.445 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 106 Resp: 459024
Ion Ratio Lower Upper
106 100
91 192.8 155.2 232.8

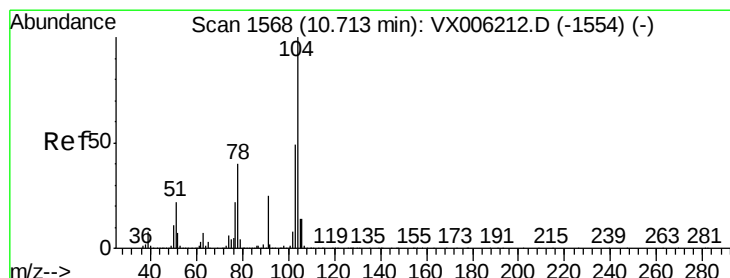
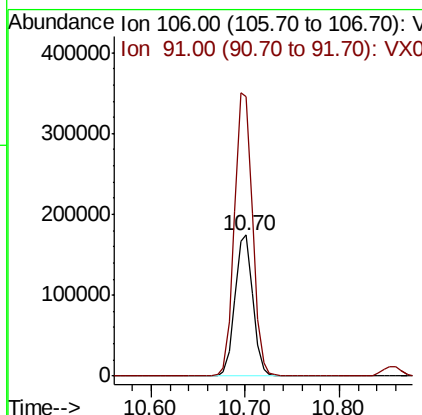
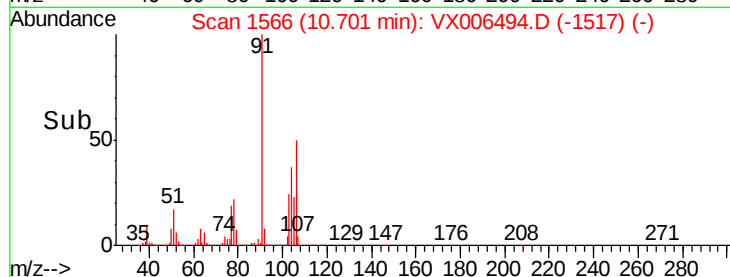
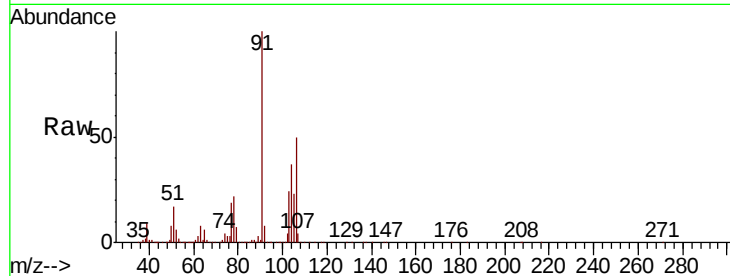




#69
o-Xylene
Concen: 21.428 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

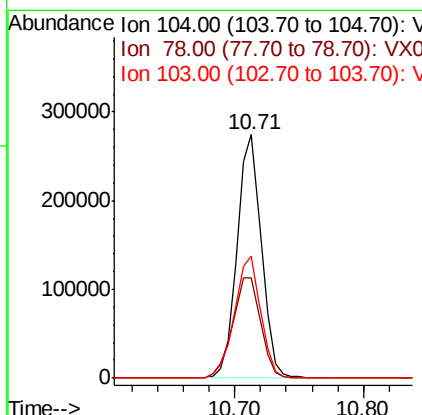
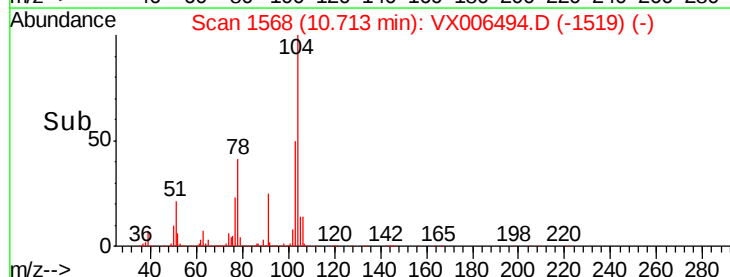
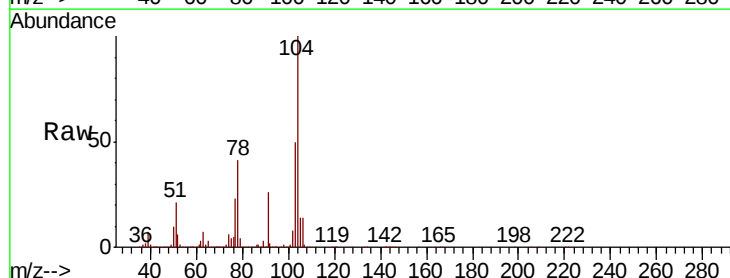
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

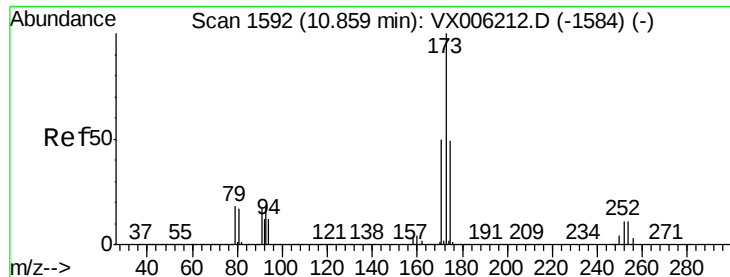
Tot Ion:106 Resp: 228902
Ion Ratio Lower Upper
106 100
91 204.1 101.8 305.6



#70
Styrene
Concen: 20.871 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion:104 Resp: 360590
Ion Ratio Lower Upper
104 100
78 48.2 37.2 55.8
103 54.6 43.5 65.3





#71

Bromoform

Concen: 13.919 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

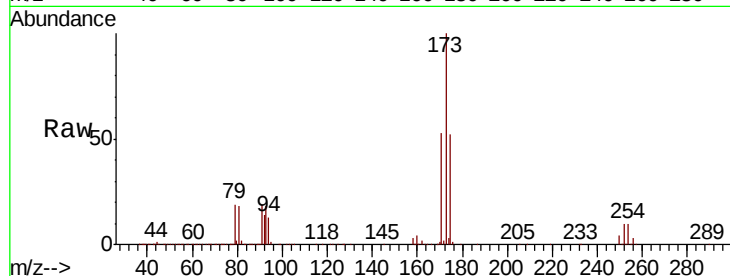
Tot Ion:173 Resp: 82867

Ion Ratio Lower Upper

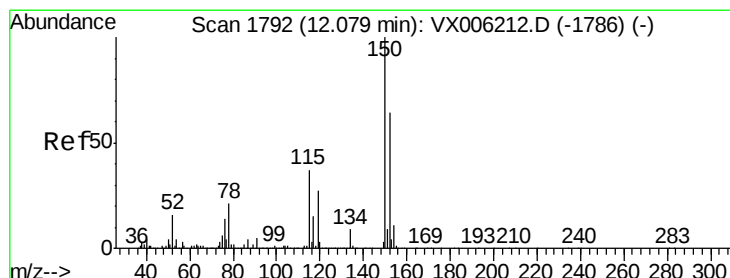
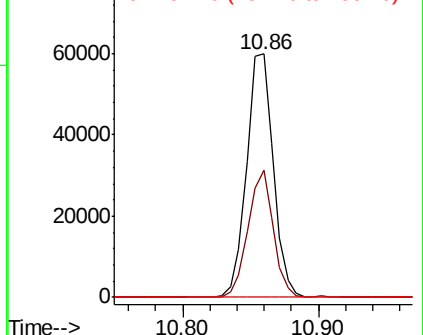
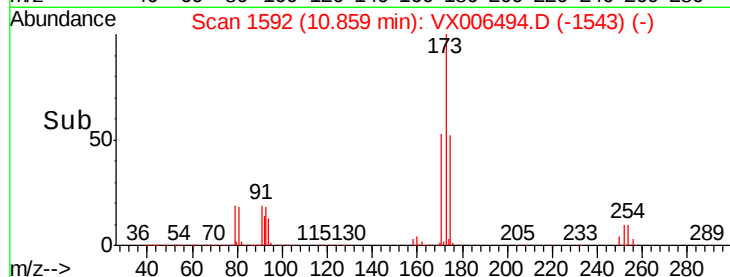
173 100

175 49.5 24.6 73.8

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

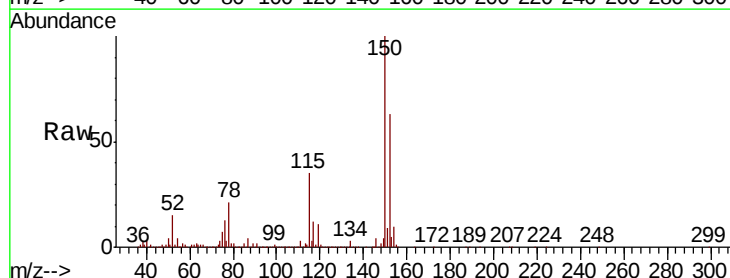
Tgt Ion:152 Resp: 400102

Ion Ratio Lower Upper

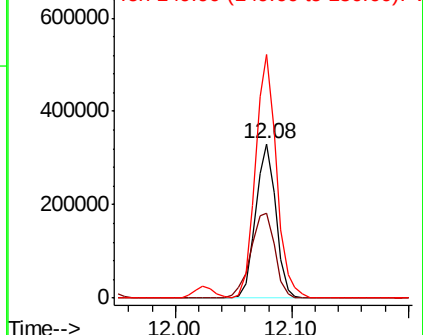
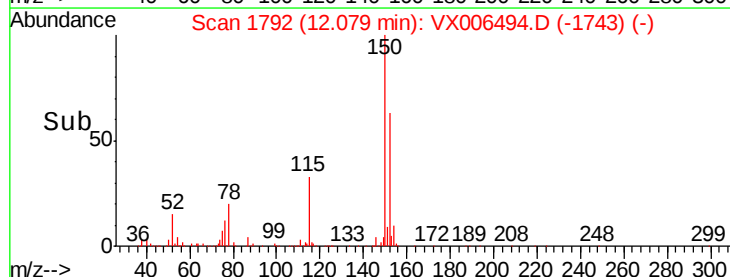
152 100

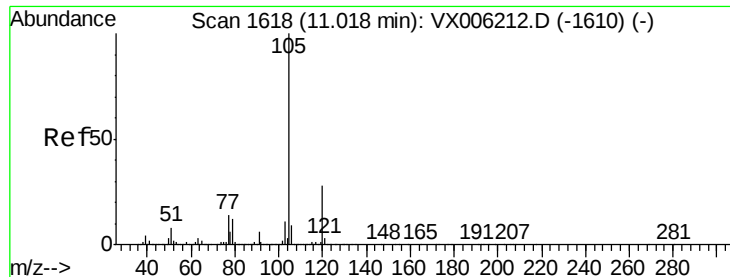
115 66.0 39.0 116.9

150 164.6 0.0 345.8



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: 21.452 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

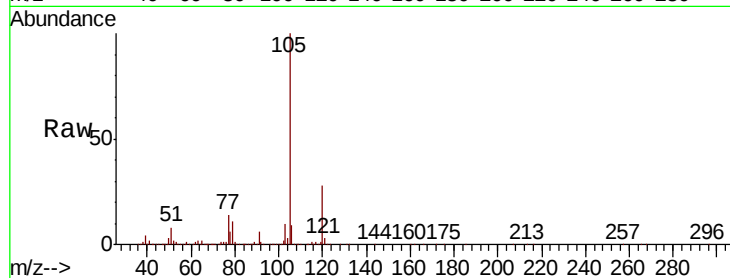
VX1213WBSD01

Tot Ion:105 Resp: 592741

Ion Ratio Lower Upper

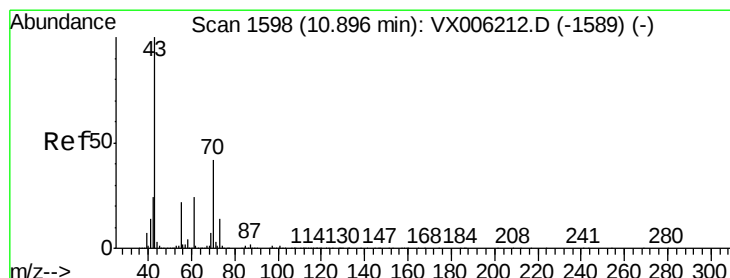
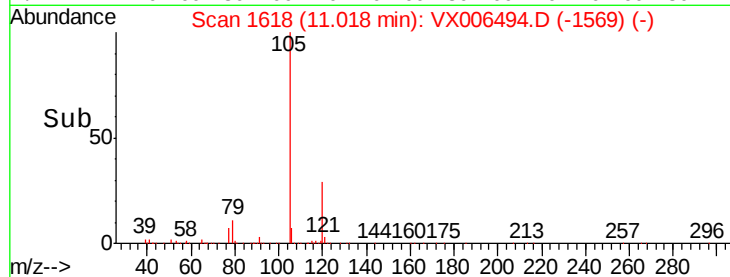
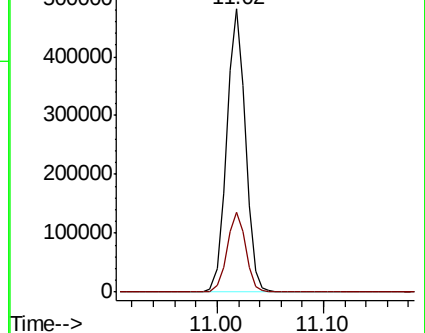
105 100

120 28.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.655 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Tgt Ion: 43 Resp: 221968

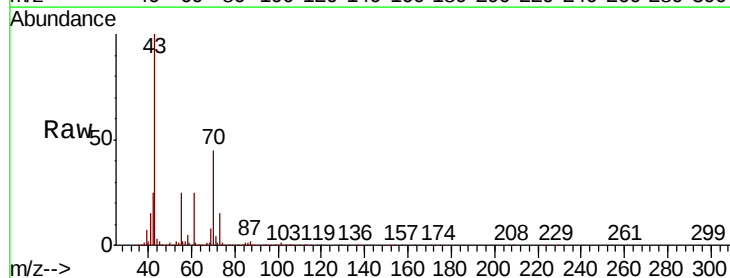
Ion Ratio Lower Upper

43 100

70 46.2 34.1 51.1

55 24.5 17.8 26.8

61 24.9 19.7 29.5

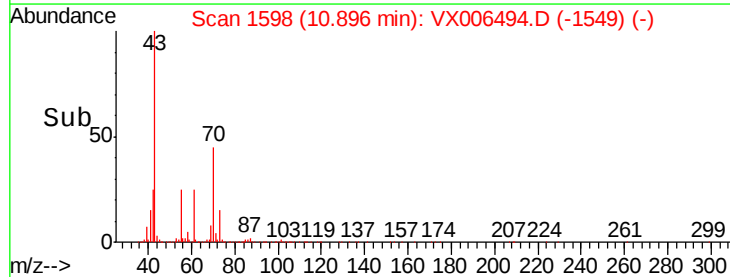
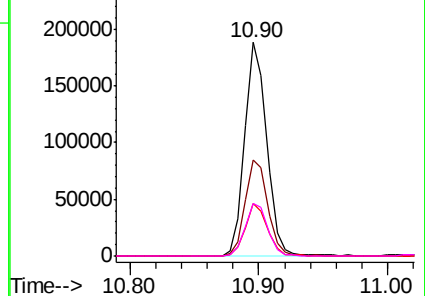


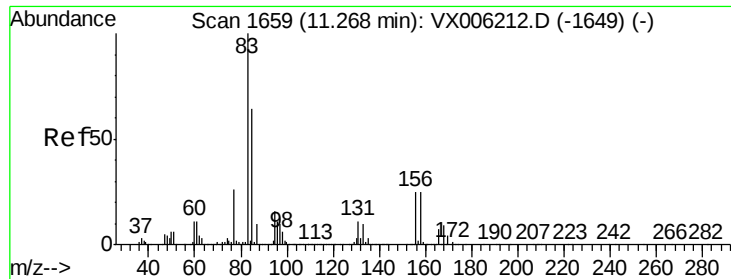
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.725 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

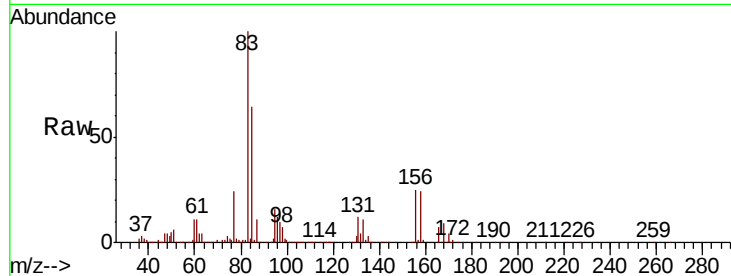
Tot Ion: 83 Resp: 183198

Ion Ratio Lower Upper

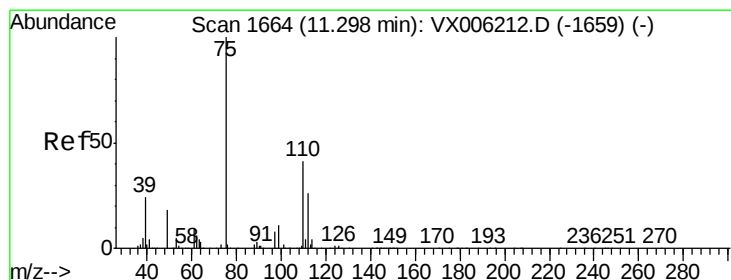
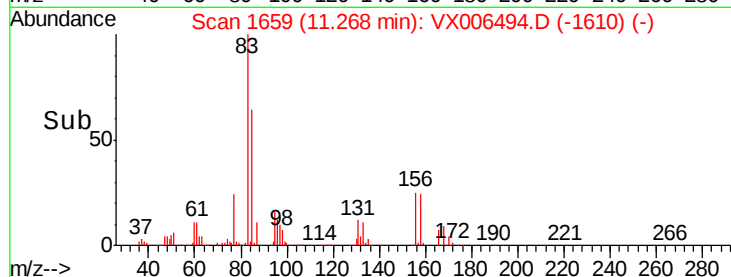
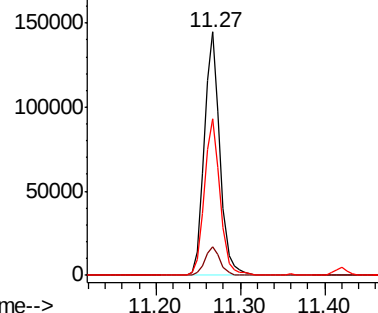
83 100

131 11.6 5.7 17.1

85 64.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.607 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006494.D

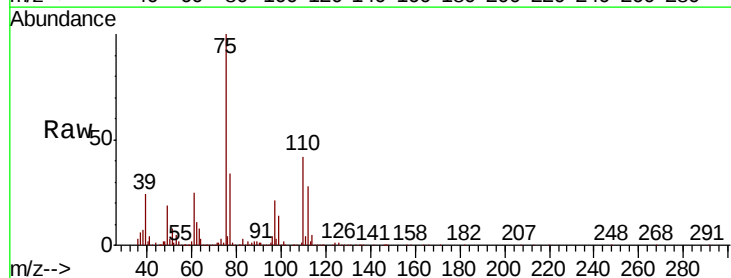
Acq: 13 Dec 2018 14:51

Tgt Ion: 75 Resp: 197755

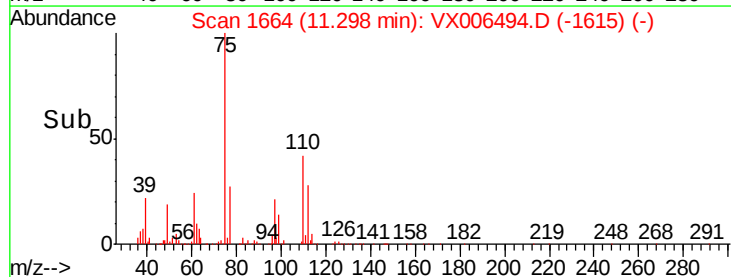
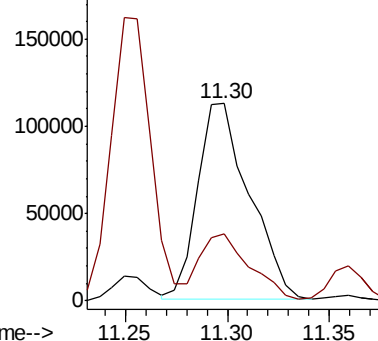
Ion Ratio Lower Upper

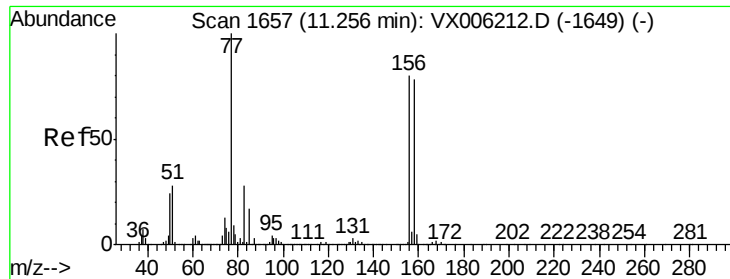
75 100

77 32.2 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

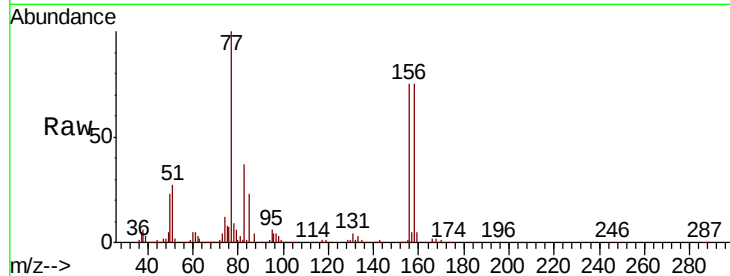
Tot Ion:156 Resp: 157879

Ion Ratio Lower Upper

156 100

77 140.5 66.2 198.6

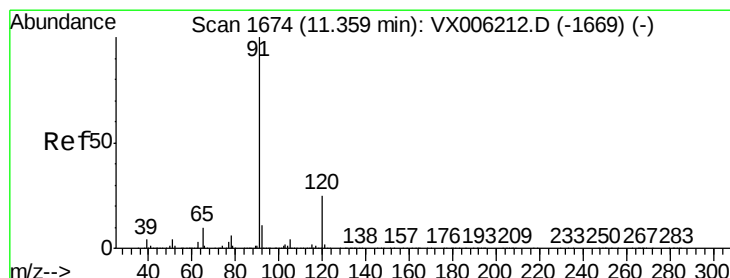
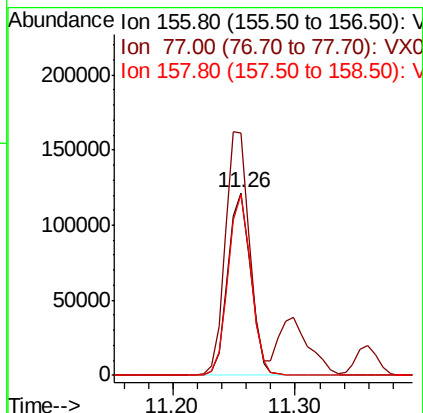
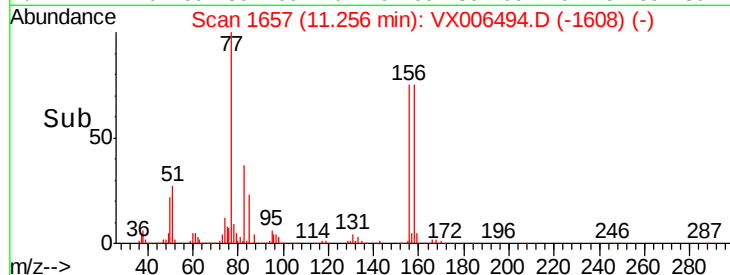
158 98.8 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.273 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006494.D

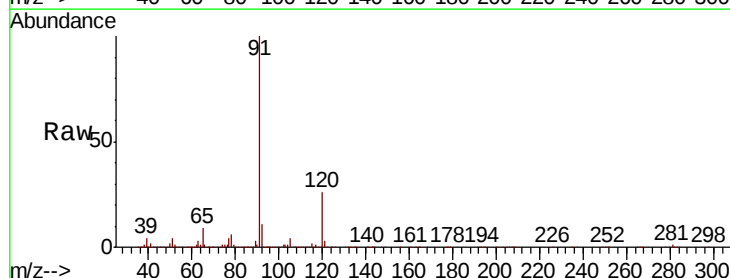
Acq: 13 Dec 2018 14:51

Tgt Ion: 91 Resp: 653369

Ion Ratio Lower Upper

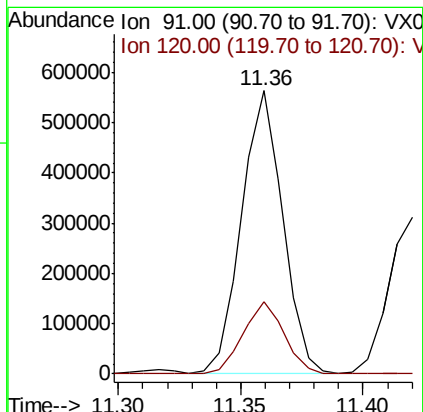
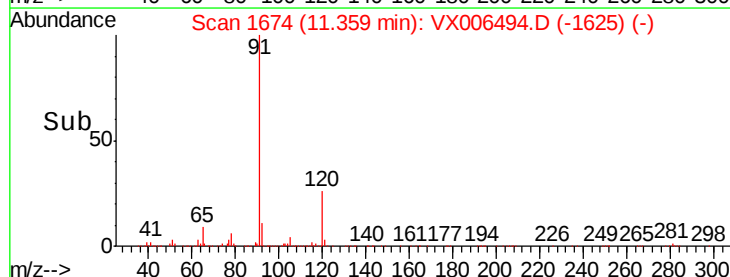
91 100

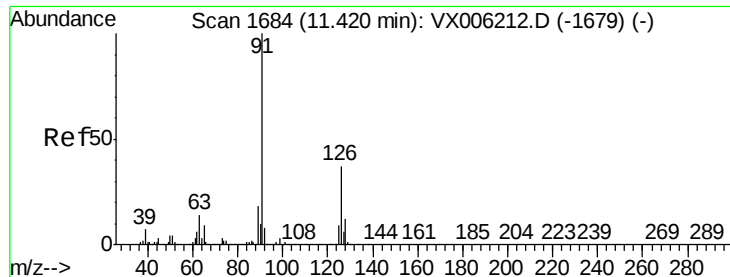
120 25.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.467 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

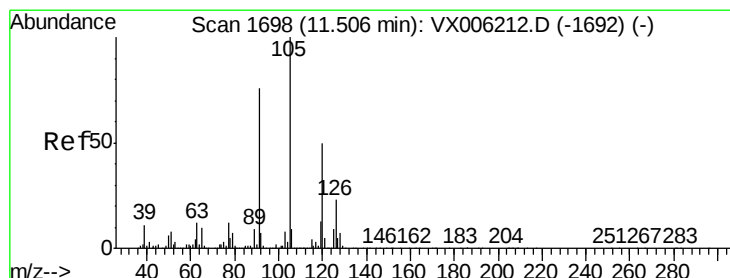
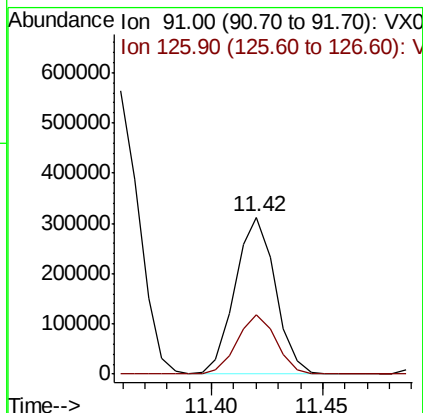
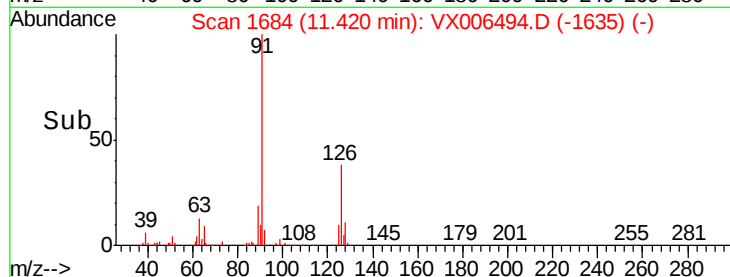
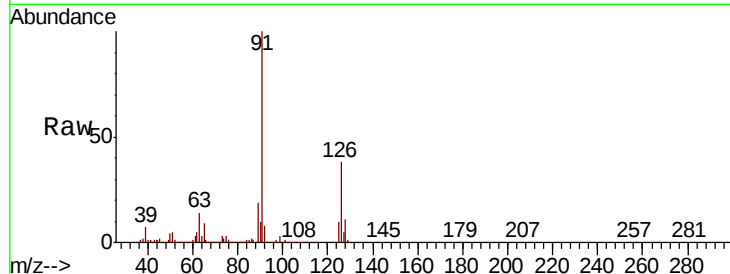
VX1213WBSD01

Tot Ion: 91 Resp: 391876

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 21.671 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006494.D

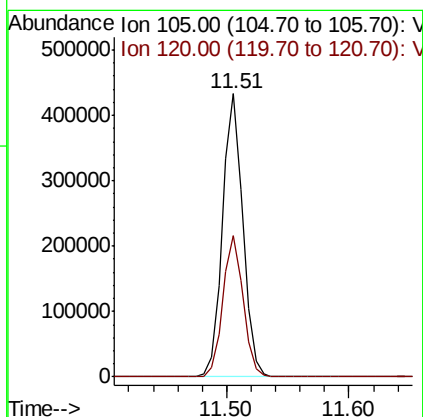
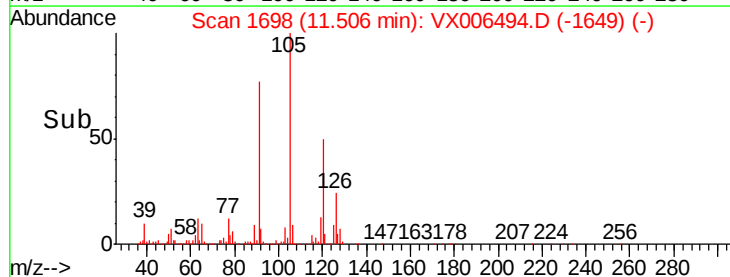
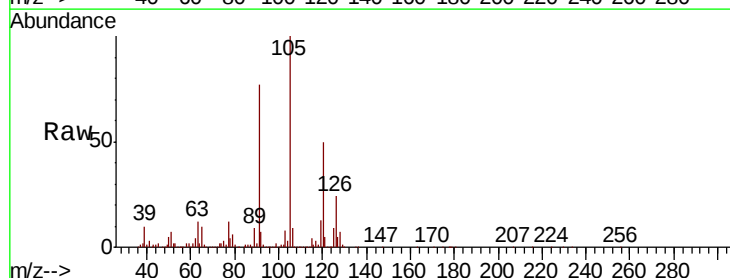
Acq: 13 Dec 2018 14:51

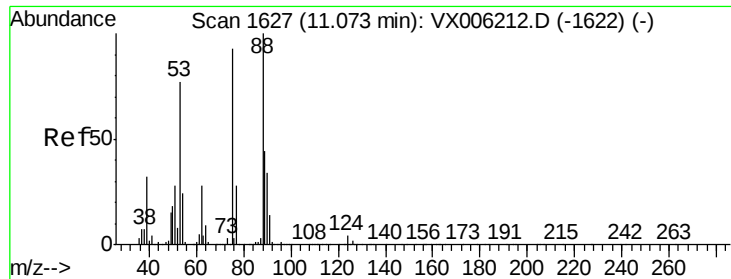
Tgt Ion: 105 Resp: 498194

Ion Ratio Lower Upper

105 100

120 49.6 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 13.273 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

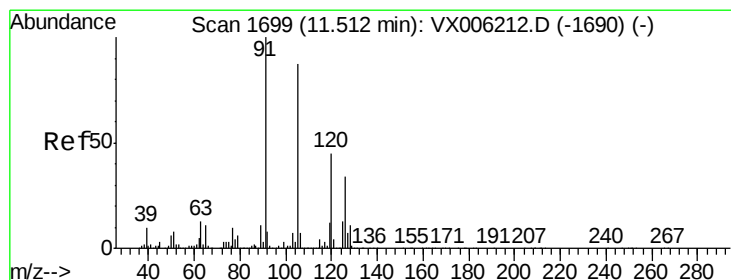
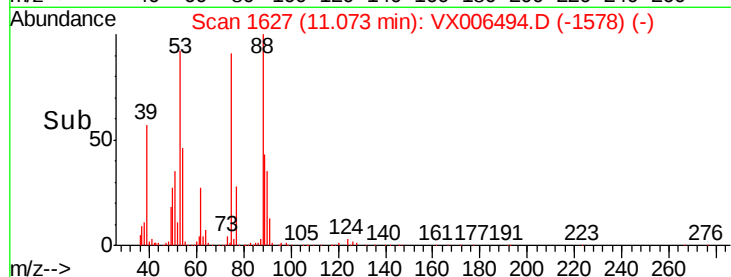
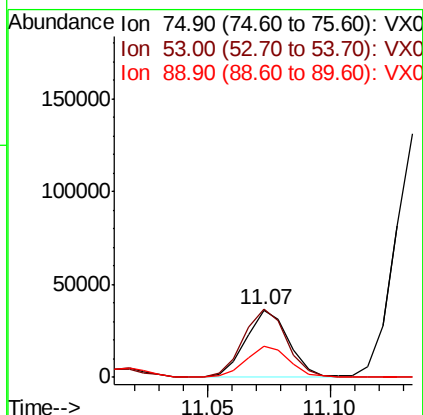
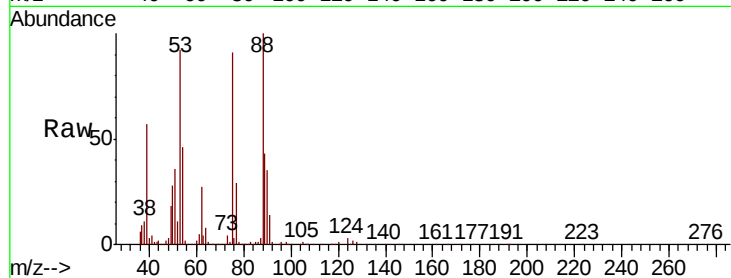
Tot Ion: 75 Resp: 43679

Ion Ratio Lower Upper

75 100

53 103.2 64.4 96.6#

89 47.1 44.2 66.4



#82

4-Chlorotoluene

Concen: 21.225 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006494.D

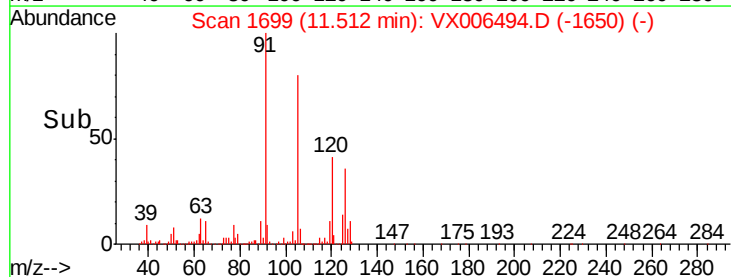
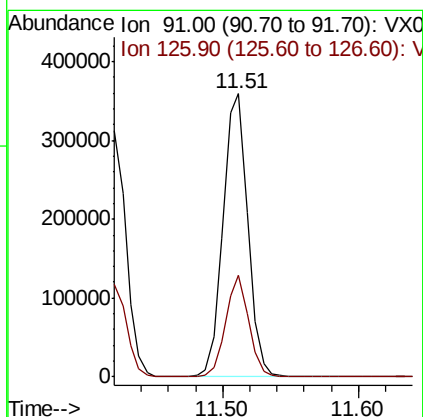
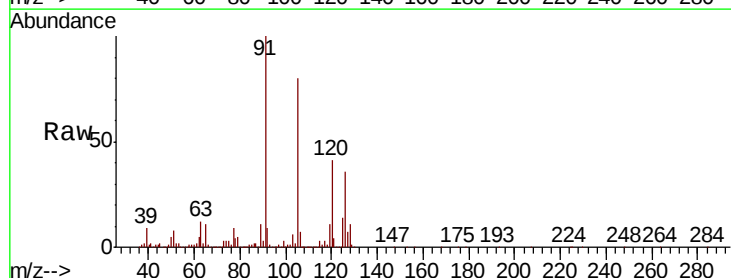
Acq: 13 Dec 2018 14:51

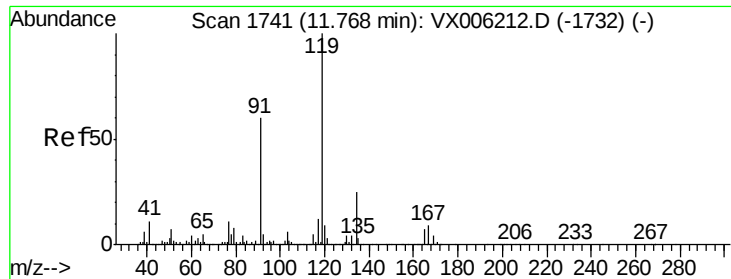
Tgt Ion: 91 Resp: 450486

Ion Ratio Lower Upper

91 100

126 33.2 16.4 49.4





#83

tert-Butylbenzene

Concen: 20.874 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

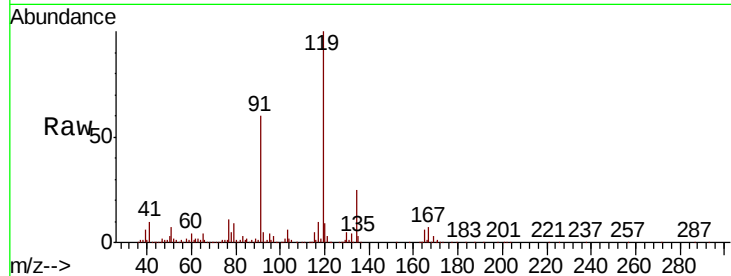
Tot Ion:119 Resp: 512015

Ion Ratio Lower Upper

119 100

91 55.3 26.4 79.2

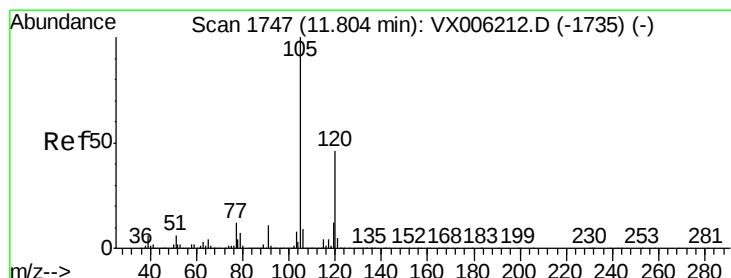
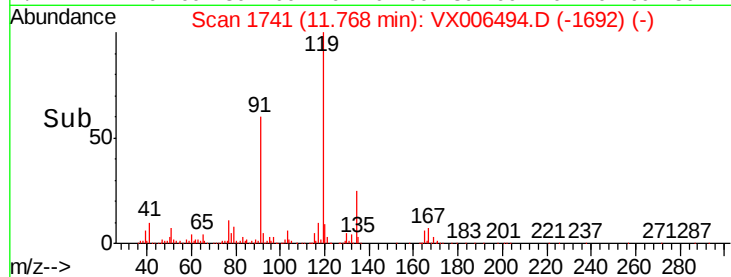
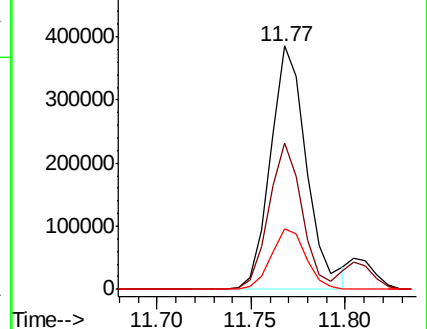
134 24.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.580 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006494.D

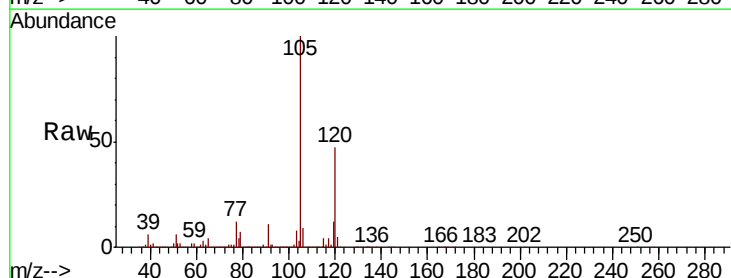
Acq: 13 Dec 2018 14:51

Tgt Ion:105 Resp: 512278

Ion Ratio Lower Upper

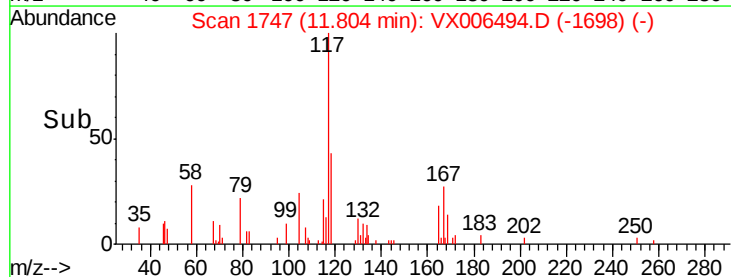
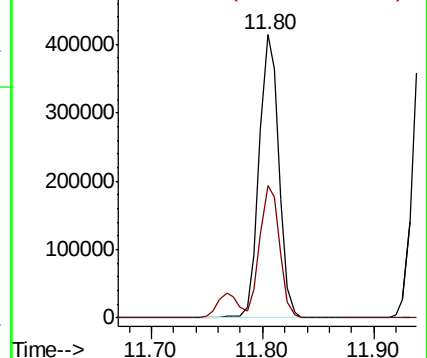
105 100

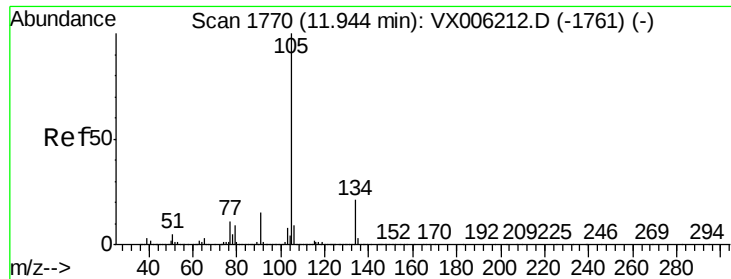
120 46.8 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

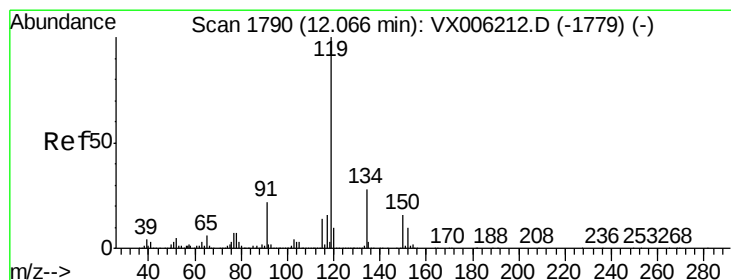
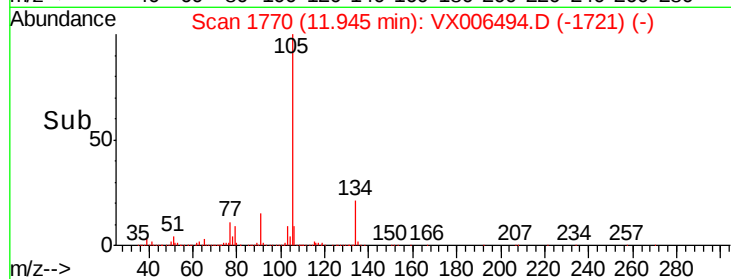
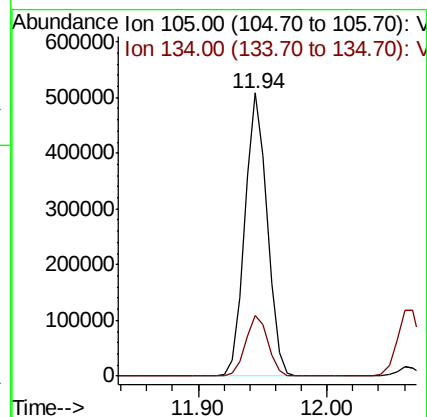
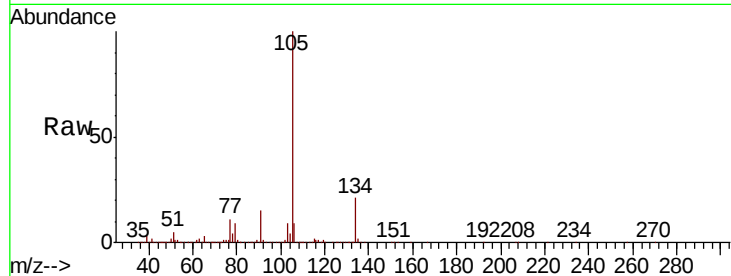




#85
 sec-Butylbenzene
 Concen: 21.705 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

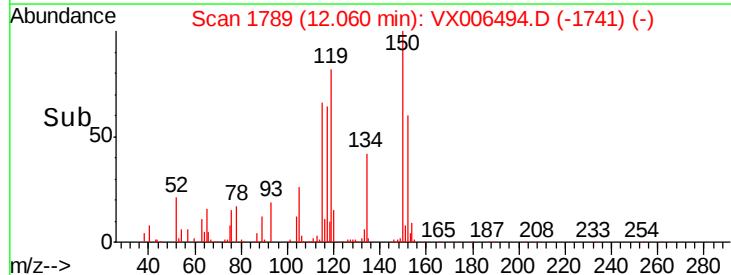
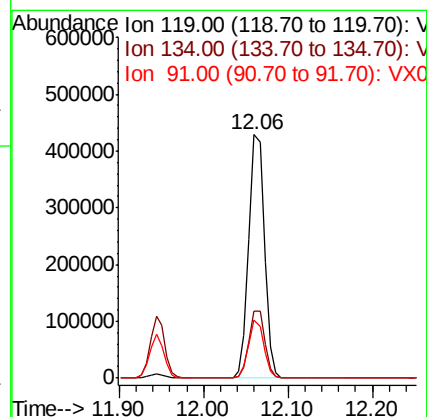
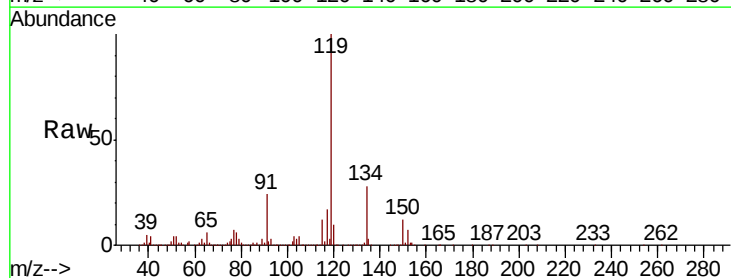
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

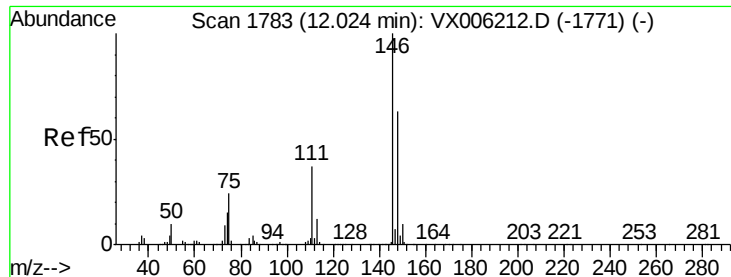
Tot Ion:105 Resp: 605684
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 21.158 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion:119 Resp: 531645
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.9 41.6
 91 23.1 11.3 33.8

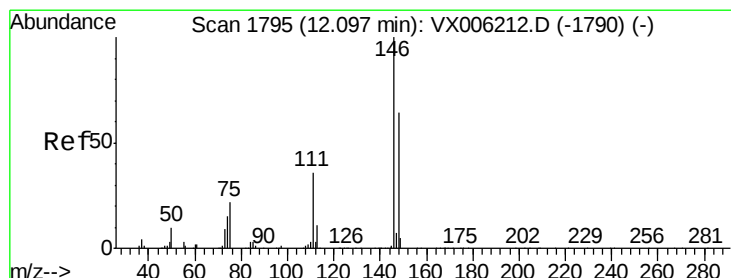
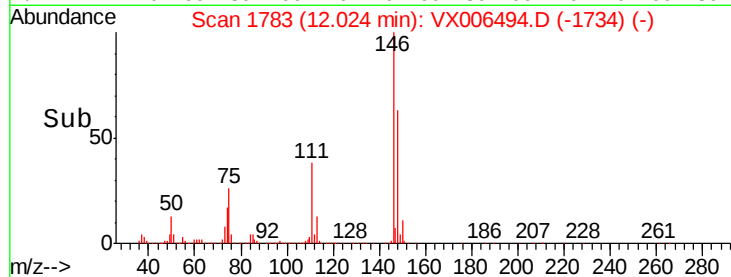
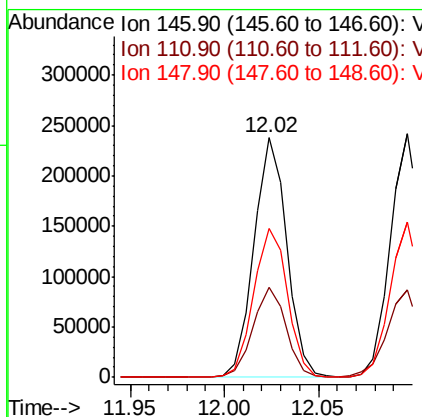
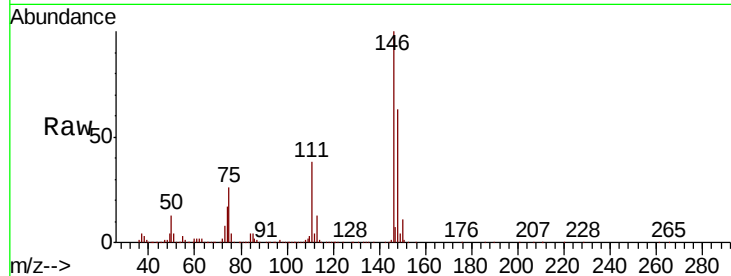




#87
 1,3-Dichlorobenzene
 Concen: 20.996 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

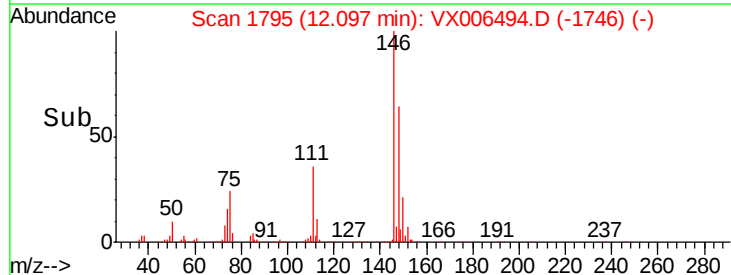
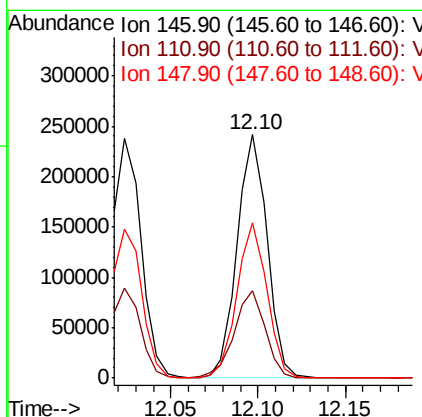
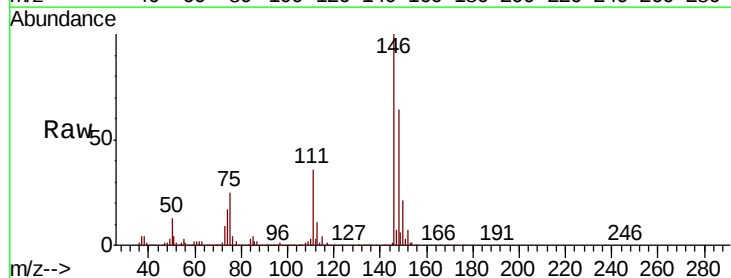
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

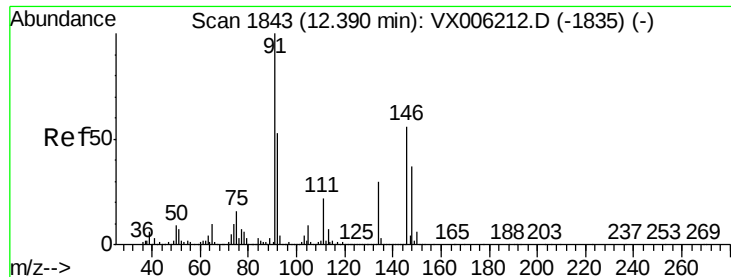
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.4	55.2
148	64.4	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.834 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.3	54.8
148	63.8	31.9	95.9

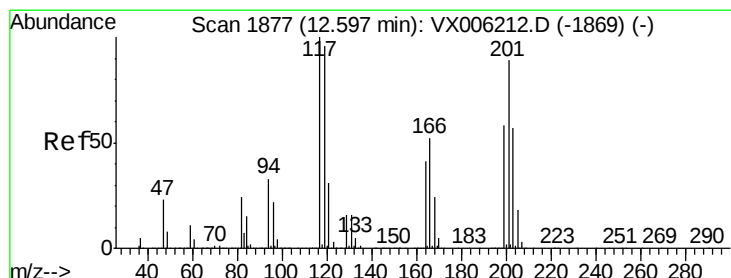
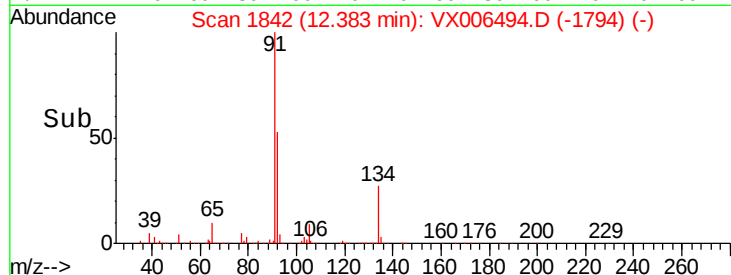
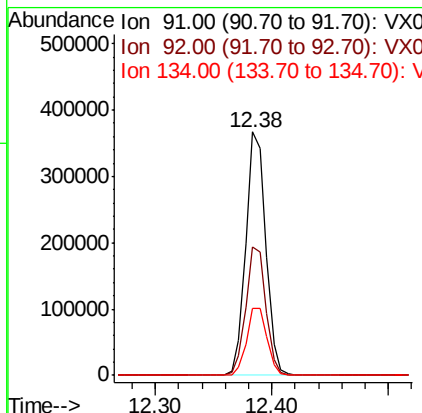
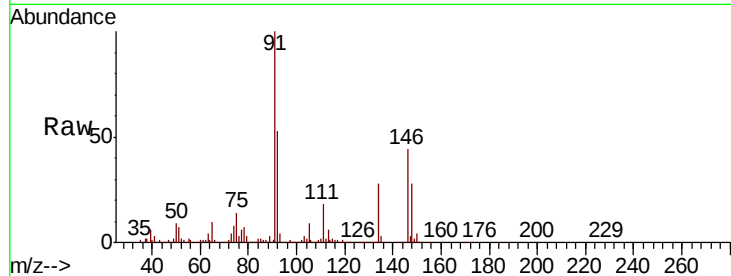




#89
n-Butylbenzene
Concen: 20.609 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

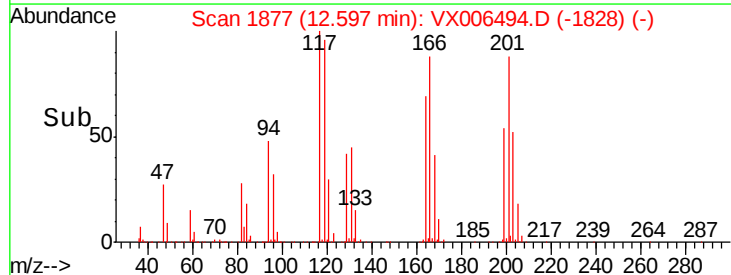
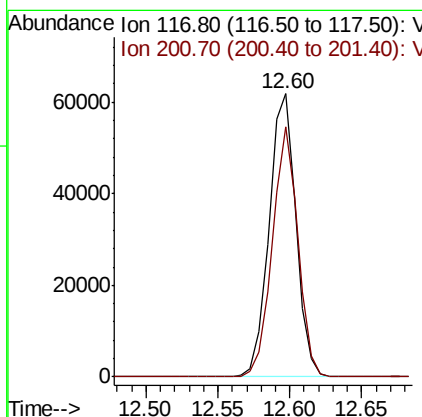
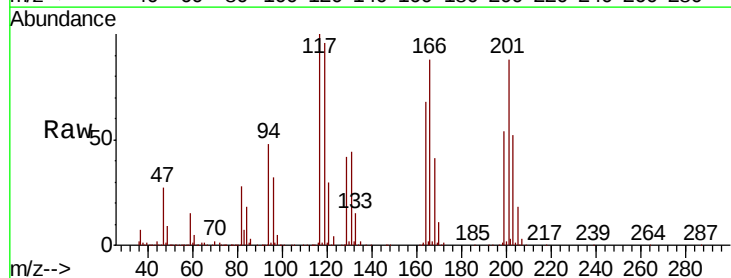
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBSD01

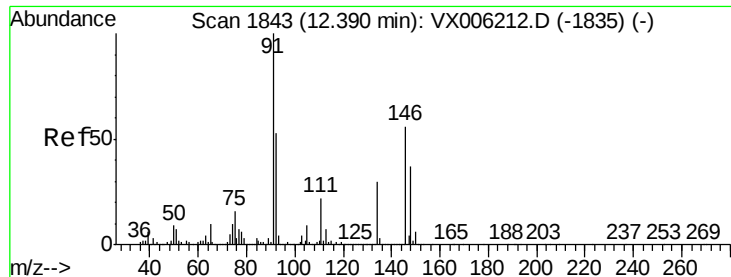
Tot Ion: 91 Resp: 441848
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 28.4 14.8 44.3



#90
Hexachloroethane
Concen: 15.582 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006494.D
Acq: 13 Dec 2018 14:51

Tgt Ion: 117 Resp: 79799
Ion Ratio Lower Upper
117 100
201 84.1 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 21.495 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

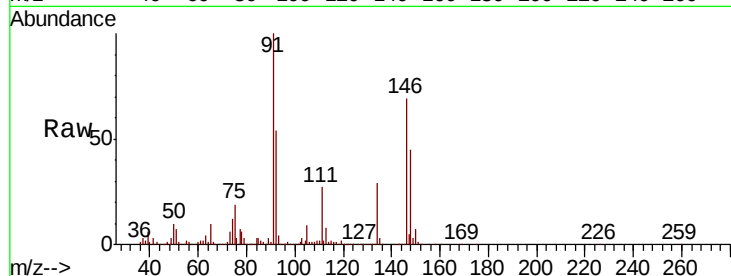
Tot Ion:146 Resp: 291071

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.3

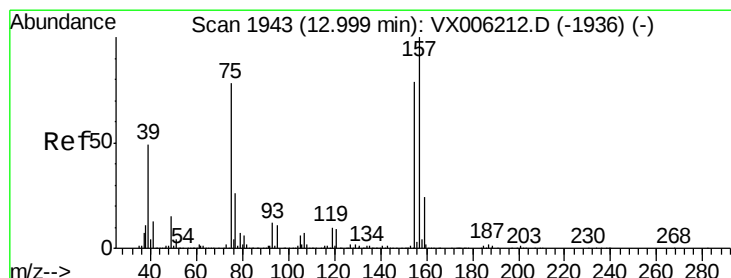
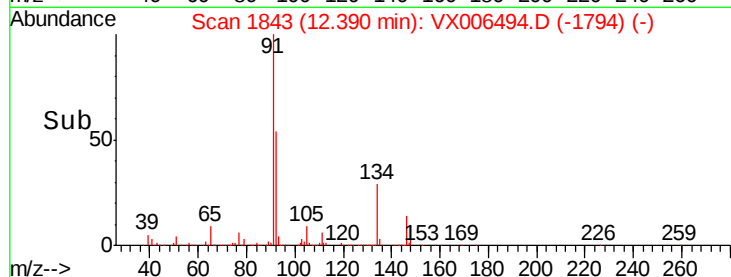
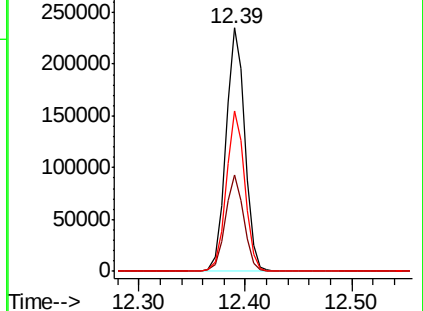
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.311 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

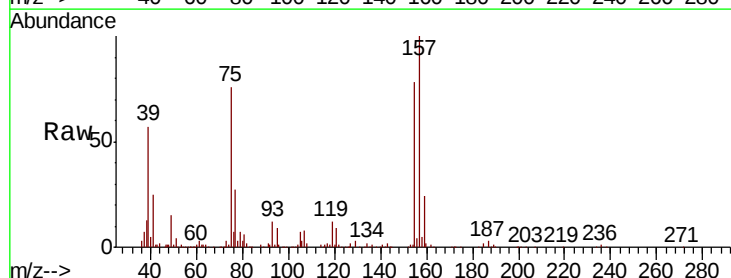
Tgt Ion: 75 Resp: 36961

Ion Ratio Lower Upper

75 100

155 100.7 53.4 160.3

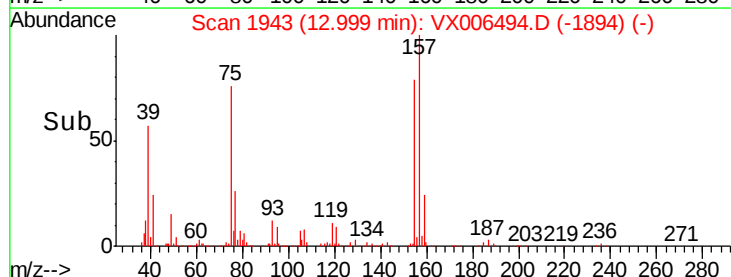
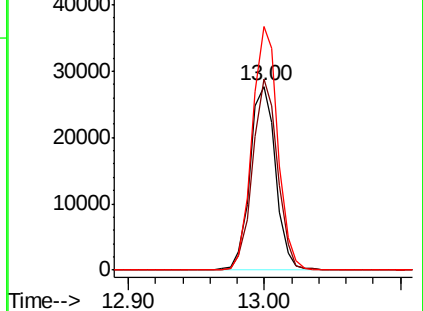
157 131.6 68.0 203.8

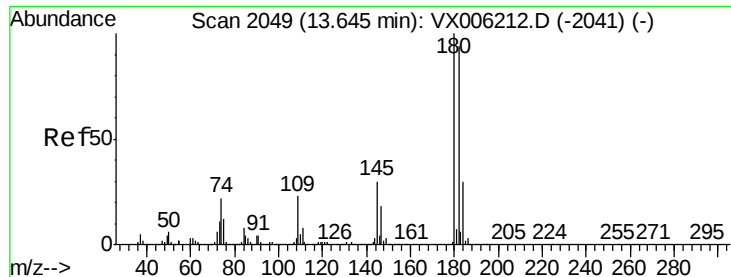


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

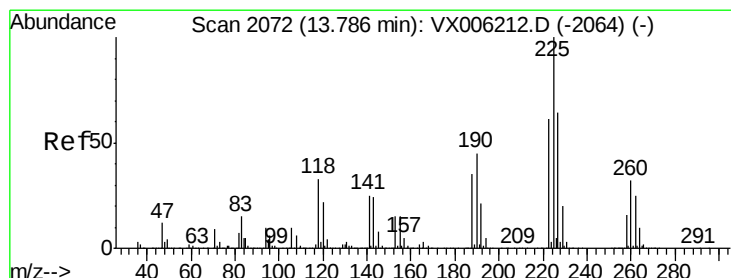
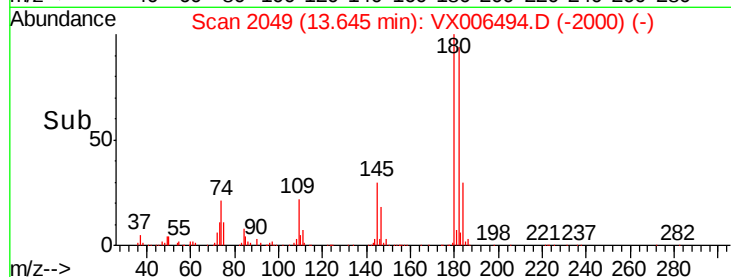
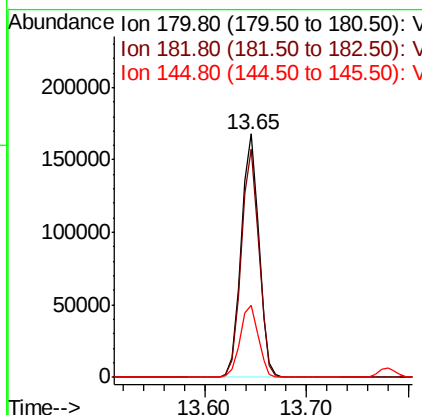
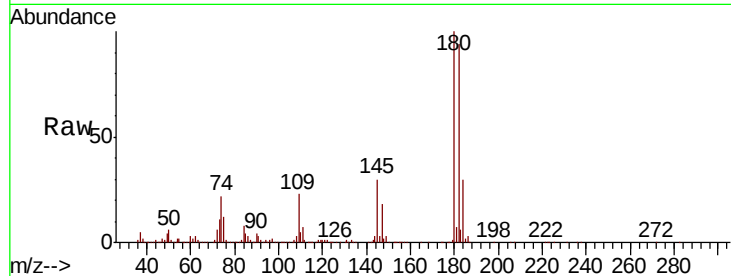




#93
 1,2,4-Trichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

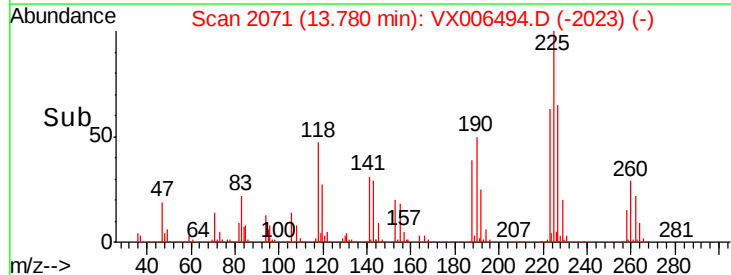
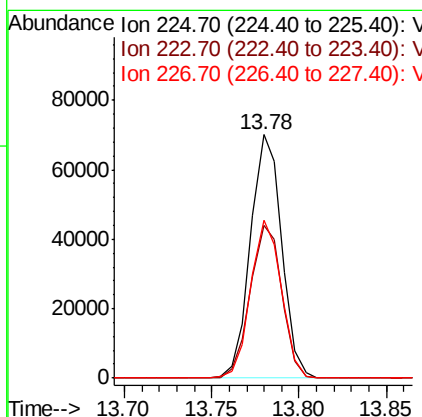
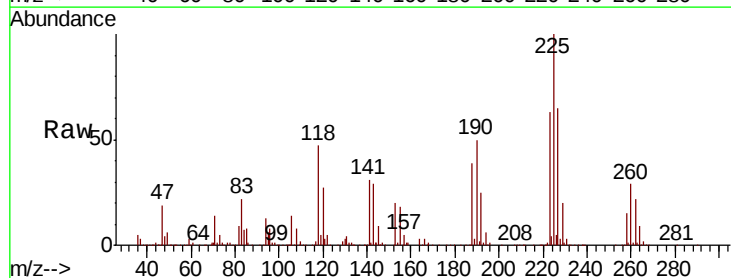
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBSD01

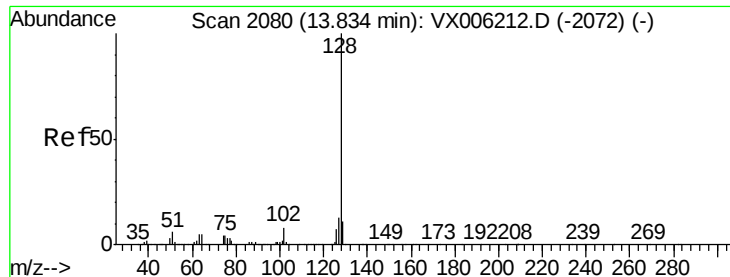
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.9
145	30.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.022 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006494.D
 Acq: 13 Dec 2018 14:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.2	93.6
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 21.086 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBSD01

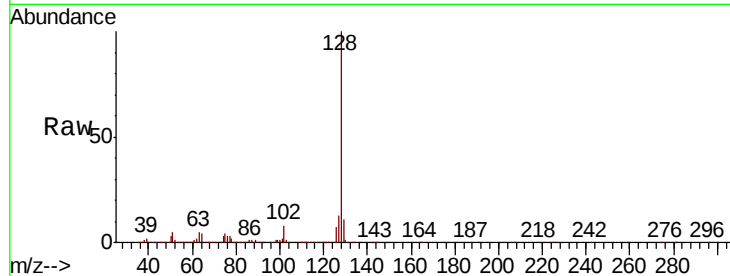
Tot Ion:128 Resp: 647974

Ion Ratio Lower Upper

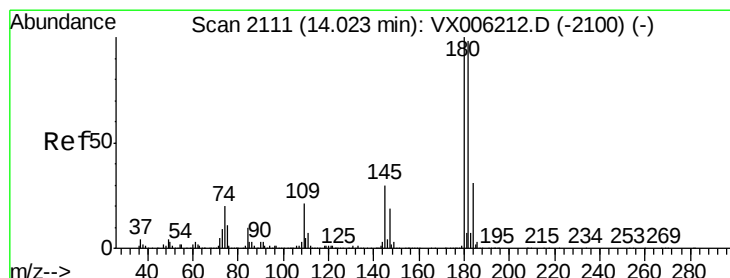
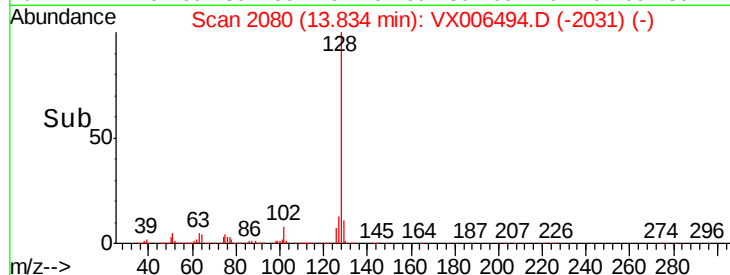
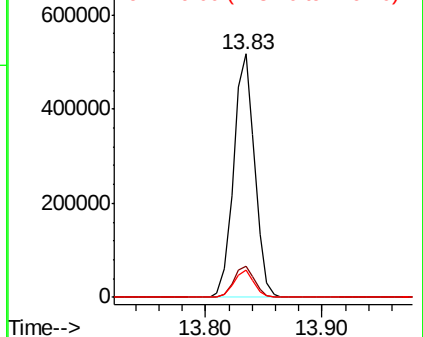
128 100

127 12.8 10.2 15.4

129 10.8 8.9 13.3



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: 20.608 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006494.D

Acq: 13 Dec 2018 14:51

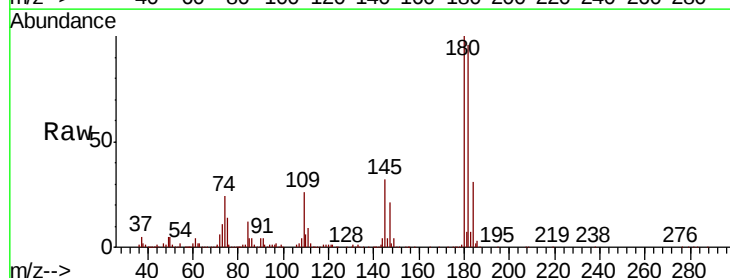
Tgt Ion:180 Resp: 201646

Ion Ratio Lower Upper

180 100

182 94.7 48.4 145.2

145 31.8 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

