

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006220.D
 Acq On : 30 Nov 2018 10:33
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Quant Time: Nov 30 22:15:26 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	842003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1241063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1118307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	584990	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	417116	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
35) Dibromofluoromethane	5.51	113	402677	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	8.71	98	1452653	49.70	ug/l	0.00
Spiked Amount			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	547108	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	174888	21.213	ug/l	99
3) Chloromethane	1.33	50	168418	19.879	ug/l	95
4) Vinyl Chloride	1.41	62	186936	20.501	ug/l	100
5) Bromomethane	1.64	94	119326	18.883	ug/l	99
6) Chloroethane	1.73	64	112459	20.115	ug/l	99
7) Trichlorofluoromethane	1.93	101	273395	19.533	ug/l	99
8) Diethyl Ether	2.19	74	102331	19.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154482	19.410	ug/l	100
10) Methyl Iodide	2.51	142	231074	19.265	ug/l	99
11) Tert butyl alcohol	3.07	59	225295	95.843	ug/l	98
12) 1,1-Dichloroethene	2.38	96	147166	19.316	ug/l	92
13) Acrolein	2.29	56	118602	92.312	ug/l	98
14) Allyl chloride	2.73	41	297594	19.773	ug/l	100
15) Acrylonitrile	3.15	53	475969	97.032	ug/l	99
16) Acetone	2.45	43	382108	94.726	ug/l	97
17) Carbon Disulfide	2.57	76	456069	19.426	ug/l	99
18) Methyl Acetate	2.78	43	264953	19.641	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	528461	19.443	ug/l	100
20) Methylene Chloride	2.86	84	159544	18.584	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	157657	19.418	ug/l	100
22) Diisopropyl ether	3.87	45	455188	19.363	ug/l	95
23) Vinyl Acetate	3.82	43	1965313	98.018	ug/l	99
24) 1,1-Dichloroethane	3.70	63	261207	19.440	ug/l	100
25) 2-Butanone	4.70	43	554149	96.279	ug/l	98
26) 2,2-Dichloropropane	4.59	77	242908	19.588	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	174428	19.260	ug/l	98
28) Bromochloromethane	5.01	49	114060	19.434	ug/l	99
29) Tetrahydrofuran	5.15	42	382642	95.656	ug/l	100
30) Chloroform	5.21	83	275255	19.494	ug/l	96
31) Cyclohexane	5.57	56	239631	19.298	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	258764	19.260	ug/l	99
36) 1,1-Dichloropropene	5.80	75	201548	19.285	ug/l	100
37) Ethyl Acetate	4.85	43	225291	19.249	ug/l	99
38) Carbon Tetrachloride	5.78	117	244547	19.890	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	262816	19.373	ug/l	98
40) Benzene	6.15	78	611514	19.536	ug/l	99
41) Methacrylonitrile	5.06	41	122634	19.042	ug/l	99
42) 1,2-Dichloroethane	6.20	62	203162	19.831	ug/l	99
43) Isopropyl Acetate	6.46	43	372848	19.107	ug/l	99
44) Trichloroethene	7.21	130	183561	19.358	ug/l	97
45) 1,2-Dichloropropane	7.52	63	154419	19.411	ug/l	98
46) Dibromomethane	7.66	93	112344	19.553	ug/l	99
47) Bromodichloromethane	7.90	83	218778	19.663	ug/l	99
48) Methyl methacrylate	7.77	41	180765	19.042	ug/l	99
49) 1,4-Dioxane	7.75	88	92150	393.850	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1109675	97.685	ug/l	99
52) Toluene	8.79	92	403897	19.613	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	254211	19.536	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	265543	19.653	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165751	19.812	ug/l	98
56) Ethyl methacrylate	9.18	69	254143	19.431	ug/l	99
57) 1,3-Dichloropropane	9.37	76	260406	19.684	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	647149	97.507	ug/l	100
59) 2-Hexanone	9.49	43	851806	98.147	ug/l	100
60) Dibromochloromethane	9.59	129	202008	19.581	ug/l	99
61) 1,2-Dibromoethane	9.67	107	181228	19.373	ug/l	100
64) Tetrachloroethene	9.34	164	164069	19.481	ug/l	97
65) Chlorobenzene	10.14	112	468753	19.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	182975	19.838	ug/l	99
67) Ethyl Benzene	10.25	91	776738	19.673	ug/l	100
68) m/p-Xylenes	10.36	106	621591	39.302	ug/l	99
69) o-Xylene	10.70	106	305726	19.570	ug/l	99
70) Styrene	10.71	104	494901	19.587	ug/l	99
71) Bromoform	10.86	173	173428	19.919	ug/l #	100
73) Isopropylbenzene	11.02	105	799915	19.800	ug/l	99
74) N-amyl acetate	10.90	43	335705	19.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	254923	19.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	310678	27.515	ug/l	85
77) Bromobenzene	11.26	156	221161	19.727	ug/l	99
78) n-propylbenzene	11.36	91	886370	19.738	ug/l	100
79) 2-Chlorotoluene	11.42	91	527402	19.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	664509	19.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95176	19.781	ug/l	97
82) 4-Chlorotoluene	11.51	91	606656	19.549	ug/l	100
83) tert-Butylbenzene	11.77	119	709393	19.780	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	675236	19.455	ug/l	99
85) sec-Butylbenzene	11.94	105	798306	19.566	ug/l	100
86) p-Isopropyltoluene	12.06	119	721117	19.628	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	396512	19.876	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388276	19.176	ug/l	98
89) n-Butylbenzene	12.39	91	604016	19.269	ug/l	99
90) Hexachloroethane	12.60	117	145928	19.489	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	391395	19.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60943	18.395	ug/l	99

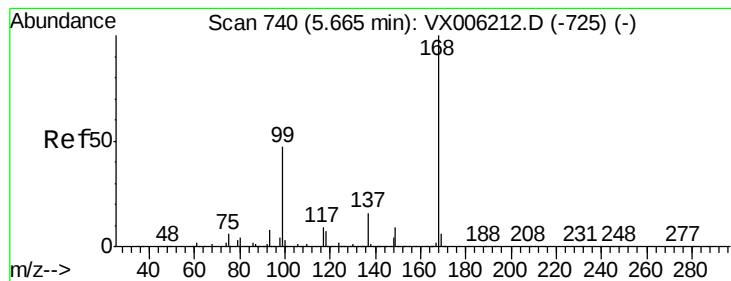
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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	282140	19.533	ug/l	99
94) Hexachlorobutadiene	13.79	225	127133	19.902	ug/l	99
95) Naphthalene	13.83	128	868117	19.321	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	279390	19.529	ug/l	99

(#) = 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: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

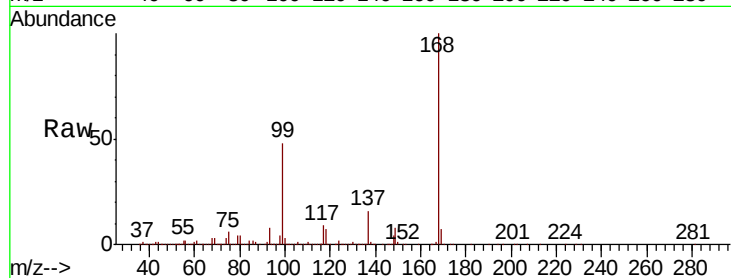
VX1130WBS01

Tot Ion:168 Resp: 842003

Ion Ratio Lower Upper

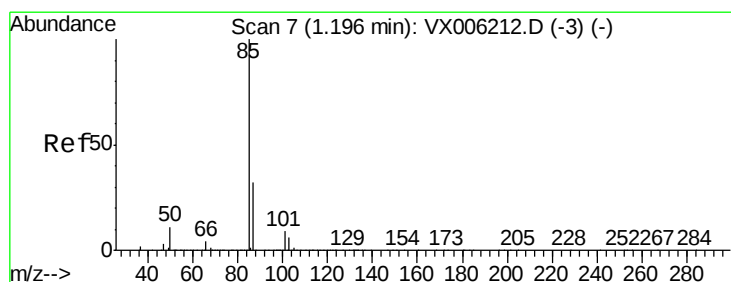
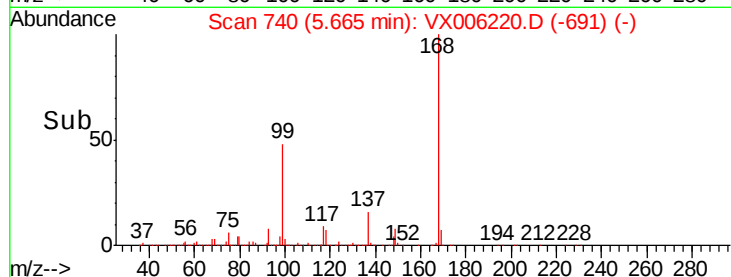
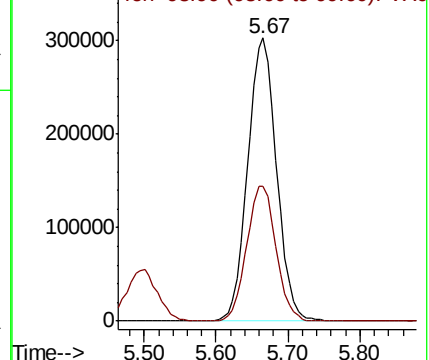
168 100

99 47.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.213 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006220.D

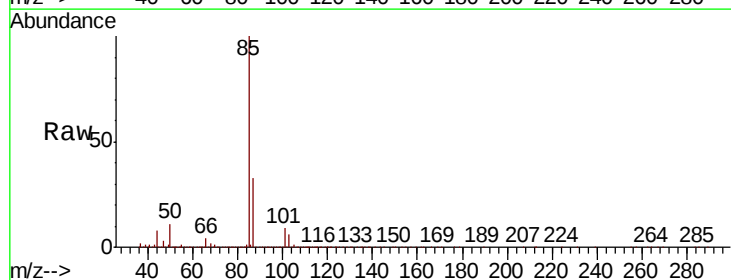
Acq: 30 Nov 2018 10:33

Tgt Ion: 85 Resp: 174888

Ion Ratio Lower Upper

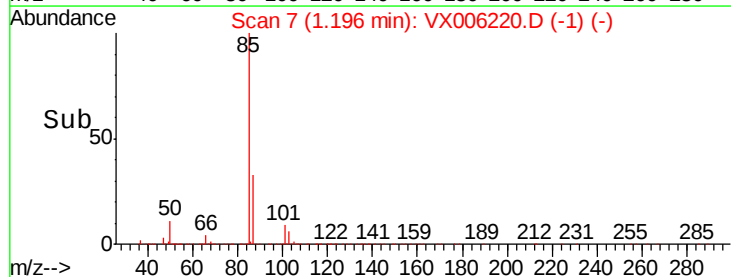
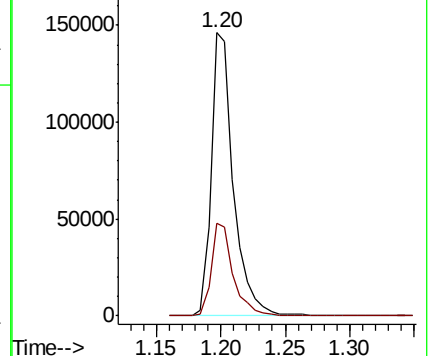
85 100

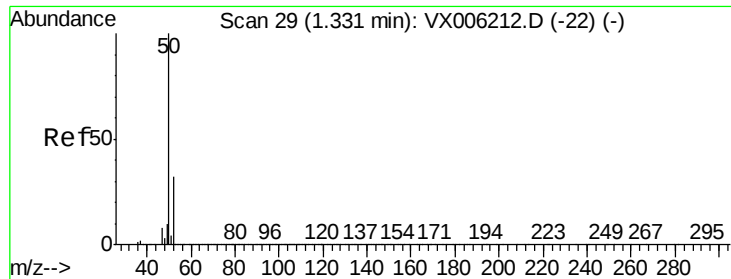
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.879 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

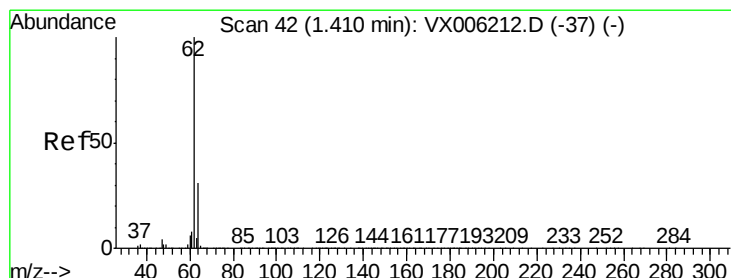
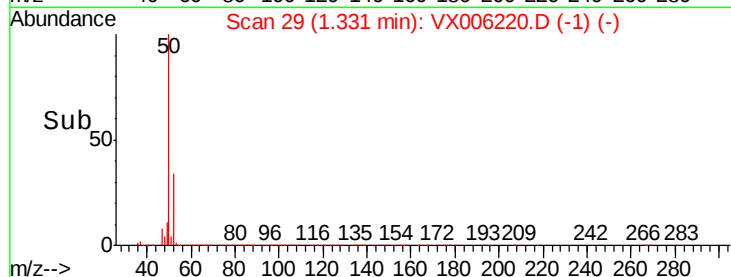
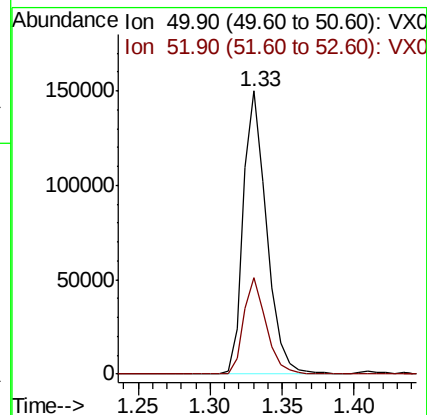
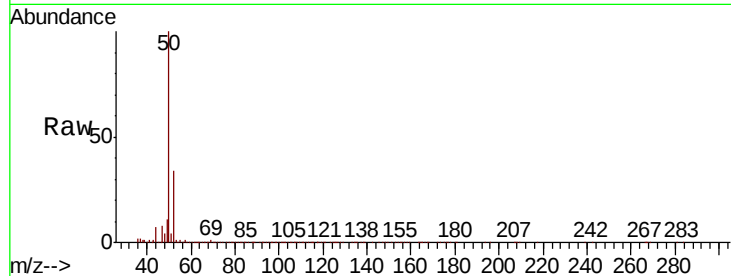
VX1130WBS01

Tot Ion: 50 Resp: 168418

Ion Ratio Lower Upper

50 100

52 34.2 25.2 37.8



#4

Vinyl Chloride

Concen: 20.501 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006220.D

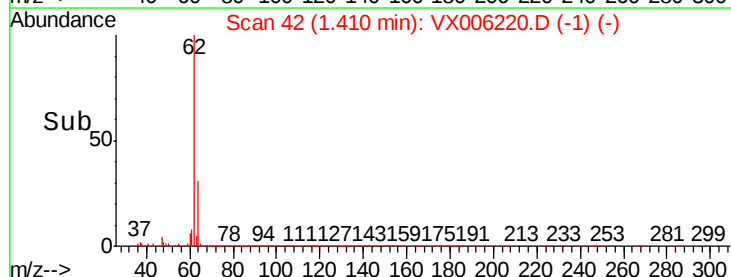
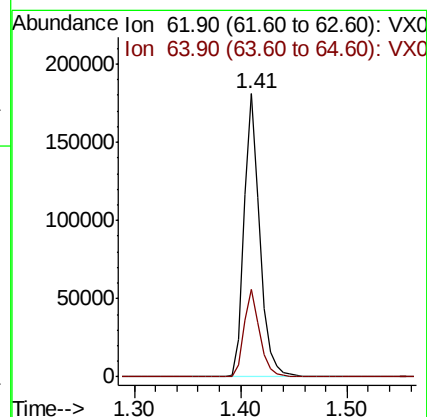
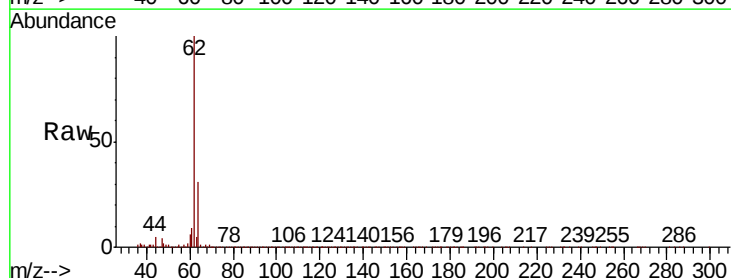
Acq: 30 Nov 2018 10:33

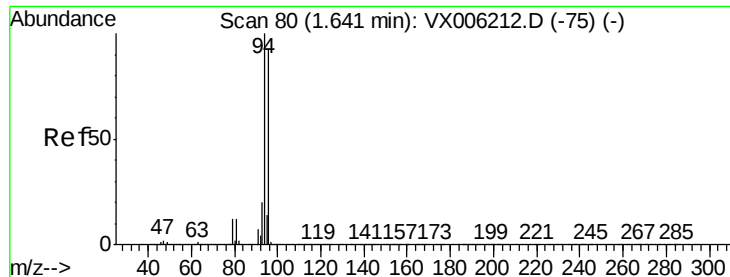
Tgt Ion: 62 Resp: 186936

Ion Ratio Lower Upper

62 100

64 30.9 24.9 37.3





#5

Bromomethane

Concen: 18.883 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

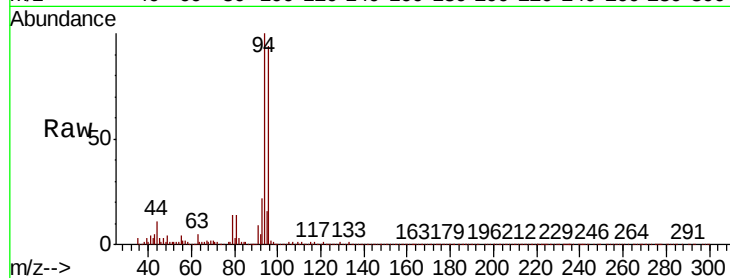
VX1130WBS01

Tot Ion: 94 Resp: 119326

Ion Ratio Lower Upper

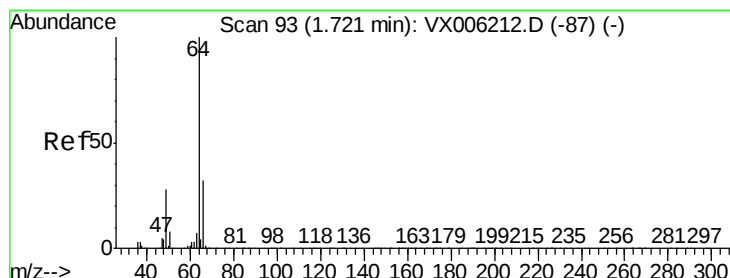
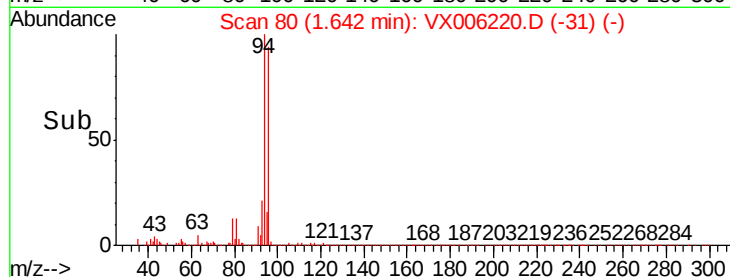
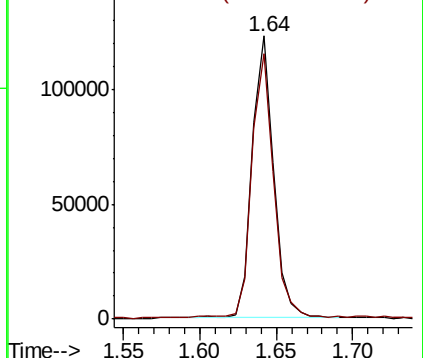
94 100

96 93.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.115 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006220.D

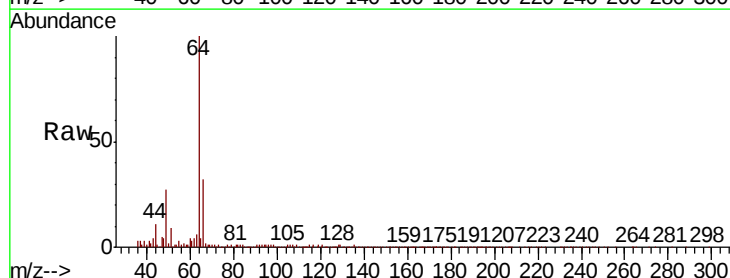
Acq: 30 Nov 2018 10:33

Tgt Ion: 64 Resp: 112459

Ion Ratio Lower Upper

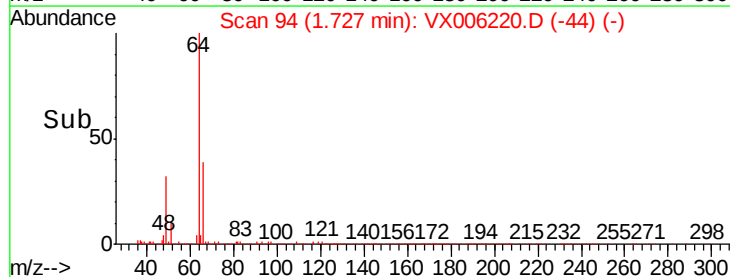
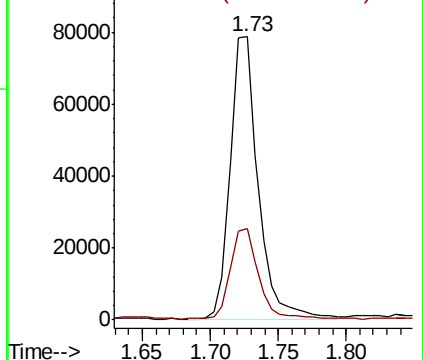
64 100

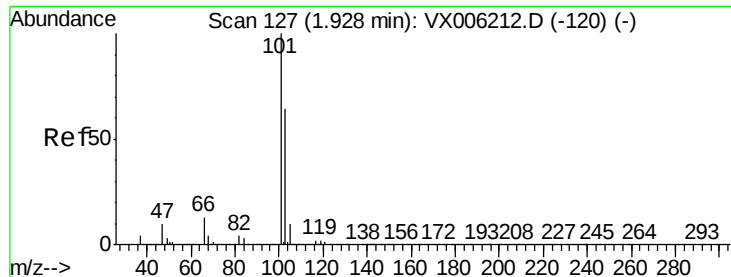
66 31.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



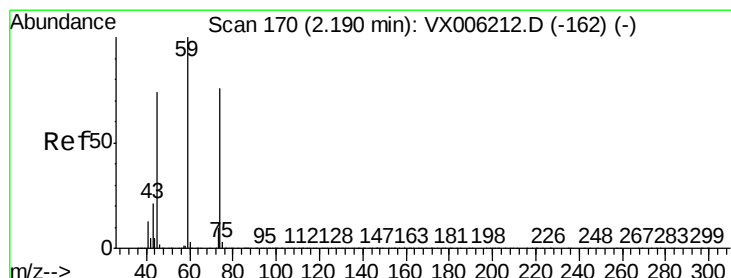
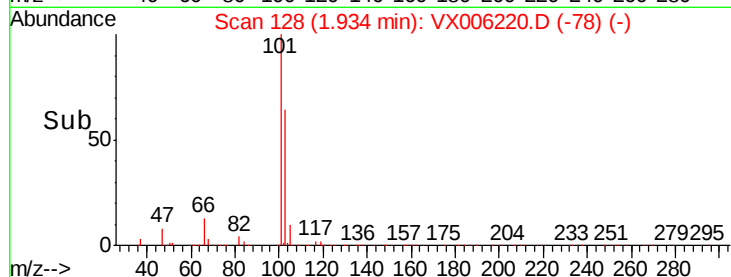
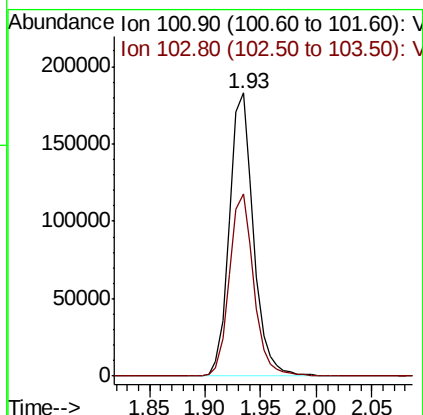
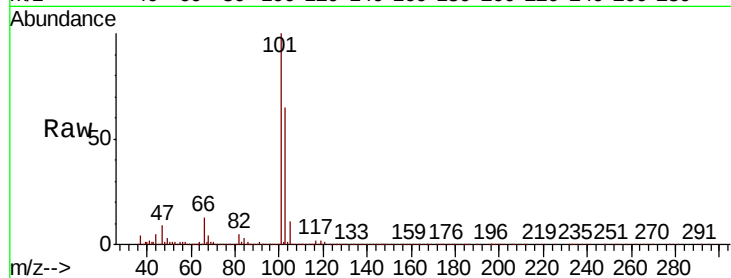


#7

Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

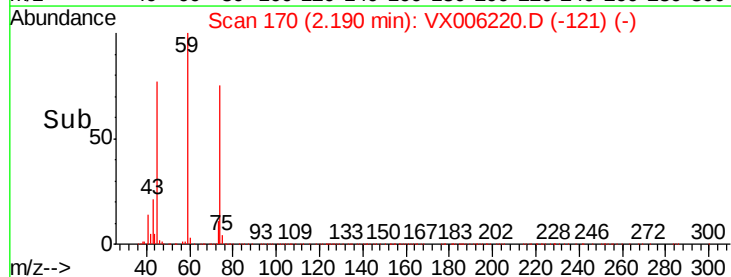
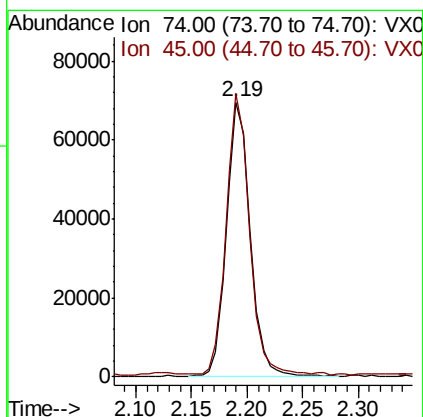
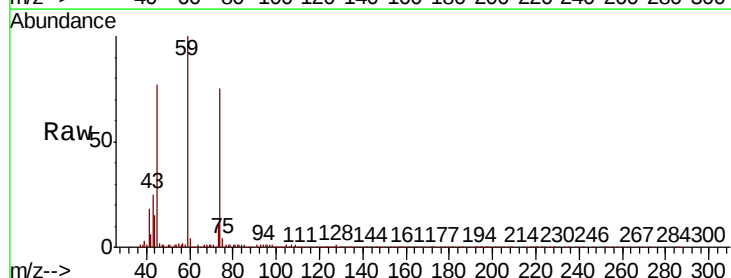
Tot Ion:101 Resp: 273395
Ion Ratio Lower Upper
101 100
103 64.5 51.0 76.4

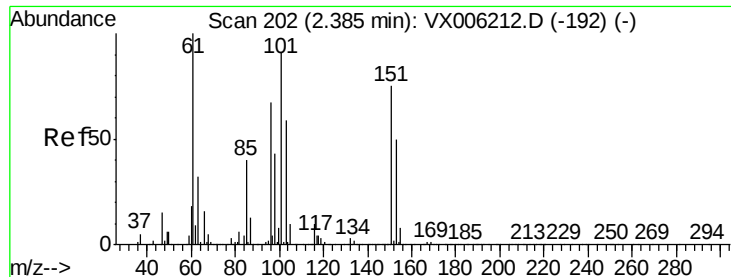


#8

Diethyl Ether
Concen: 19.318 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 74 Resp: 102331
Ion Ratio Lower Upper
74 100
45 100.0 49.5 148.7

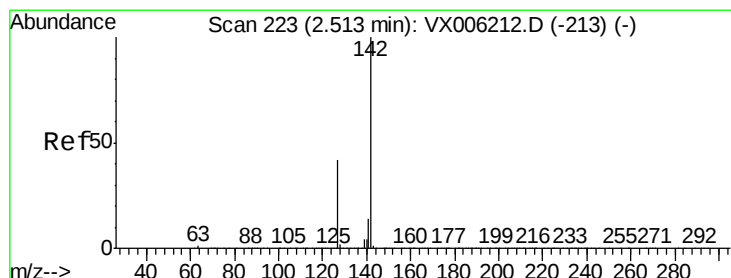
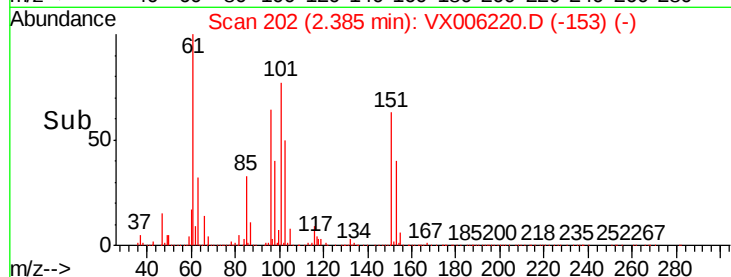
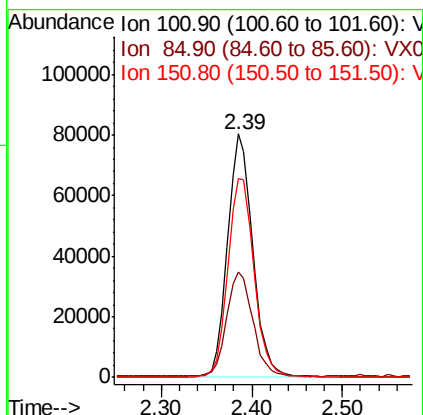
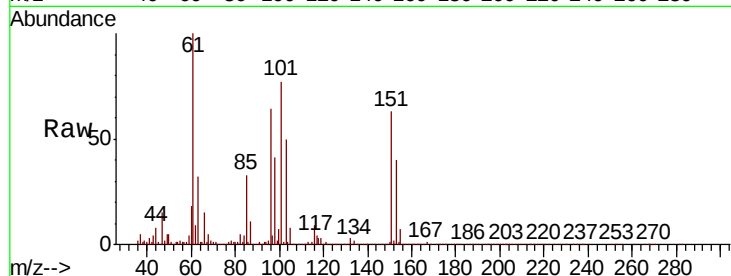




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.410 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

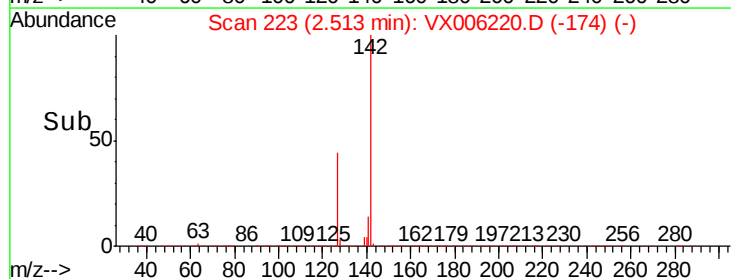
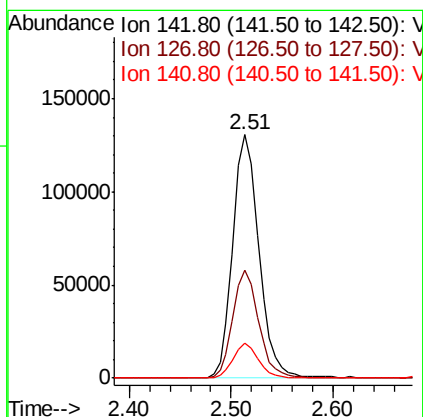
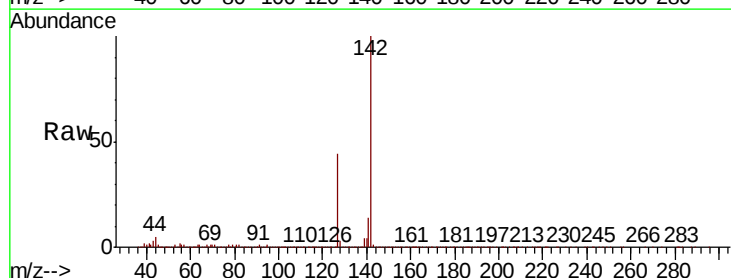
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

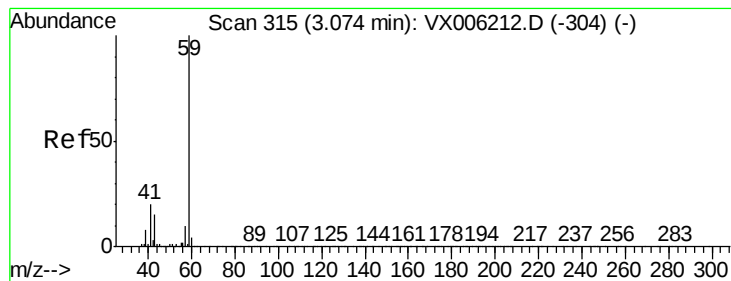
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	85.4	68.6	103.0



#10
 Methyl Iodide
 Concen: 19.265 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.6	34.8	52.2
141	13.4	11.4	17.2



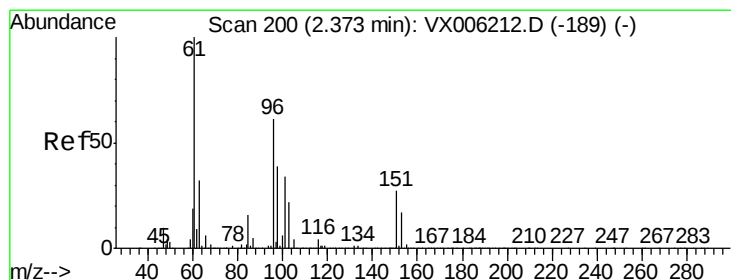
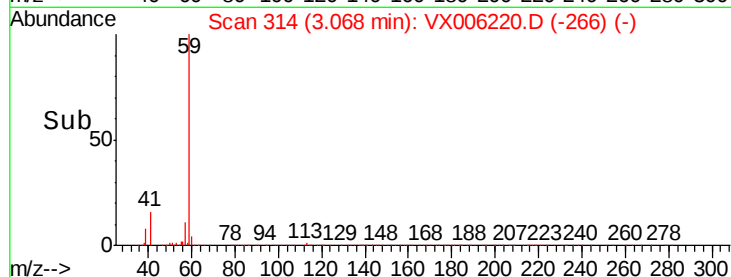
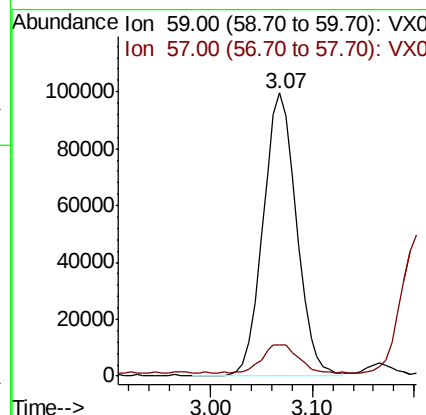
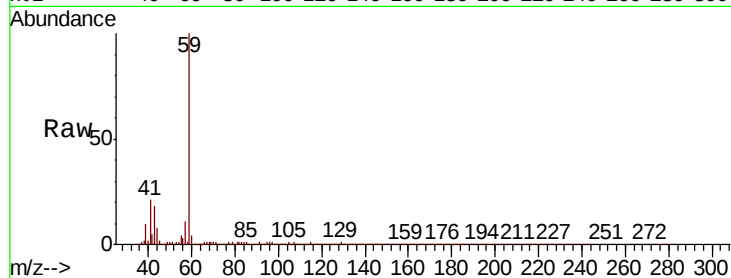


#11

Tert butyl alcohol
 Concen: 95.843 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX1130WBS01

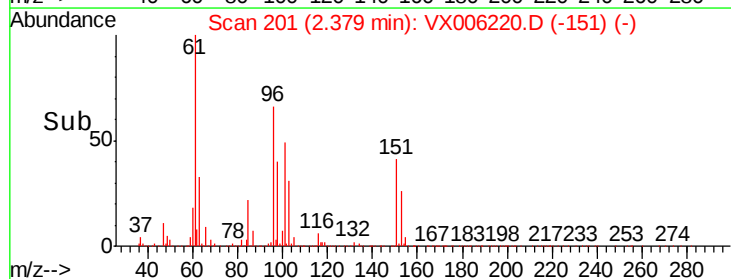
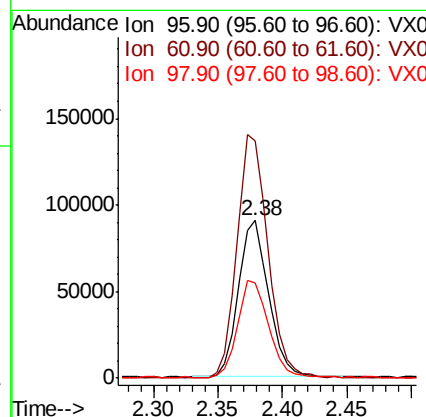
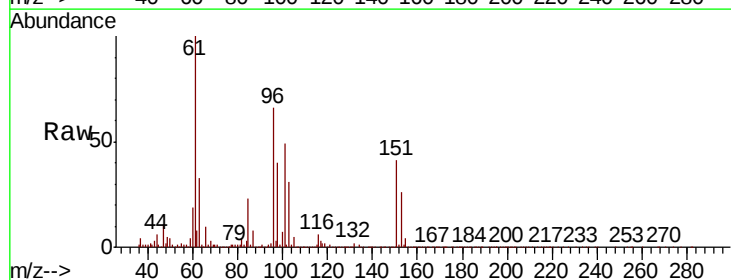
Tot Ion: 59 Resp: 225295
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

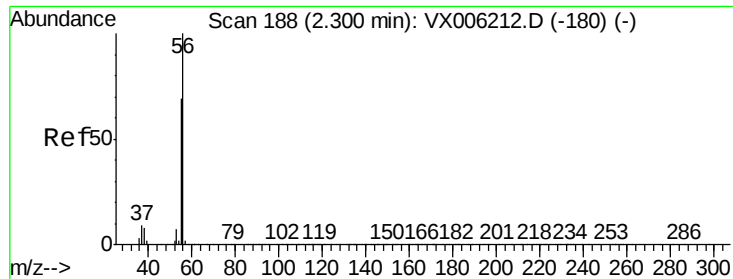


#12

1,1-Dichloroethene
 Concen: 19.316 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion: 96 Resp: 147166
 Ion Ratio Lower Upper
 96 100
 61 151.5 131.7 197.5
 98 60.6 51.8 77.6

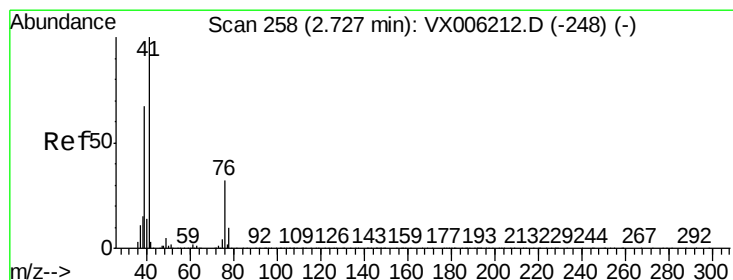
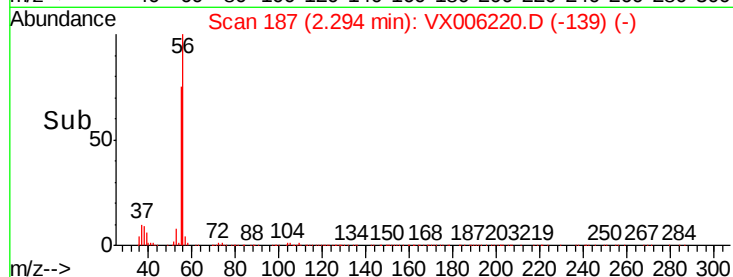
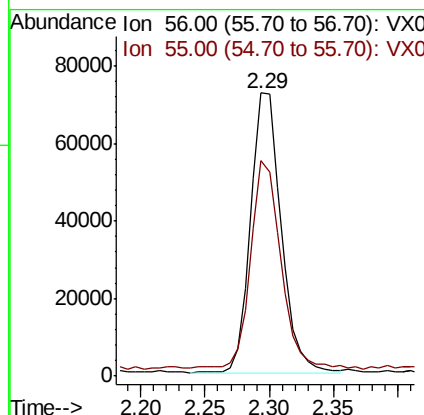
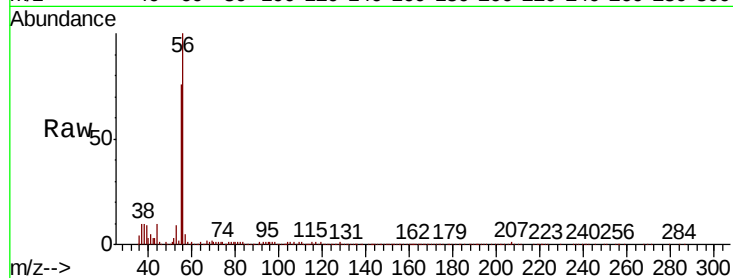




#13
Acrolein
Concen: 92.312 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

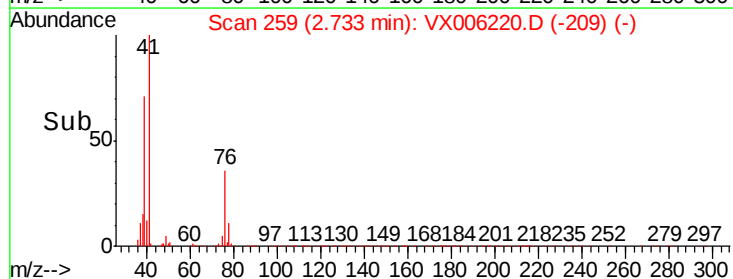
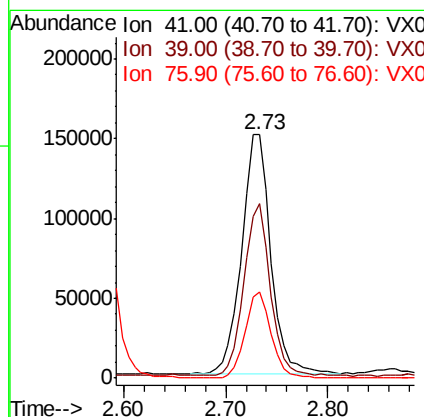
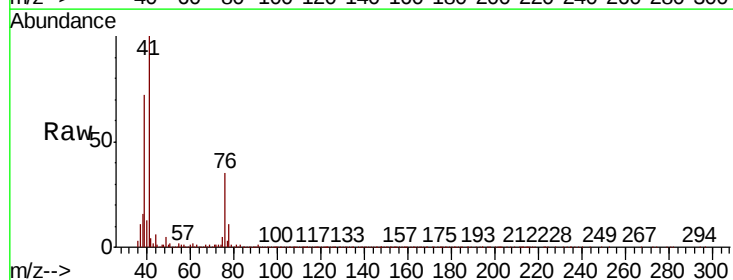
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

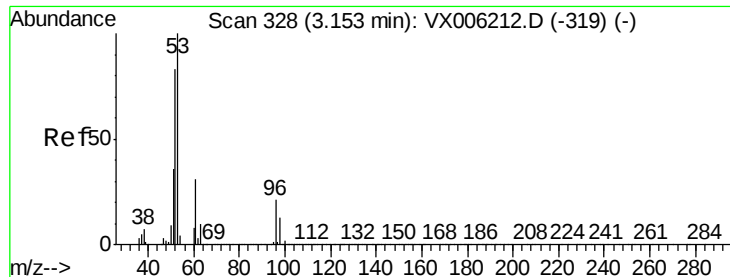
Tot Ion: 56 Resp: 118602
Ion Ratio Lower Upper
56 100
55 73.8 57.8 86.6



#14
Allyl chloride
Concen: 19.773 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 41 Resp: 297594
Ion Ratio Lower Upper
41 100
39 65.6 52.4 78.6
76 31.8 25.4 38.0





#15

Acrylonitrile

Concen: 97.032 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

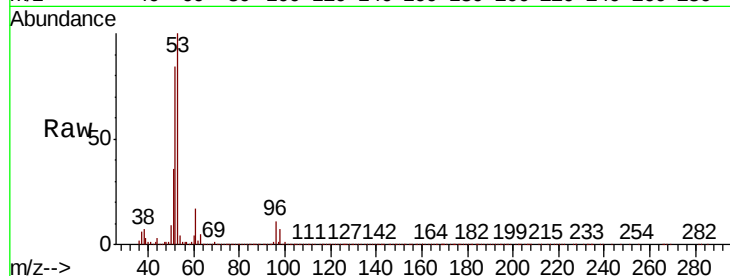
Tot Ion: 53 Resp: 475969

Ion Ratio Lower Upper

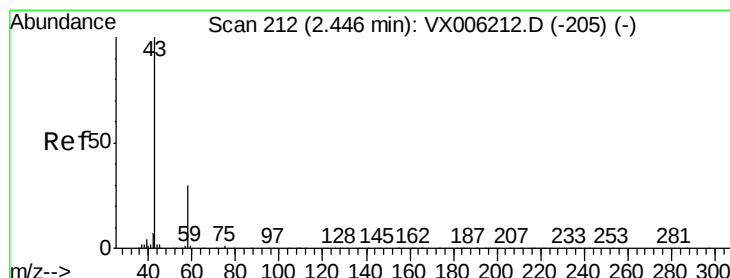
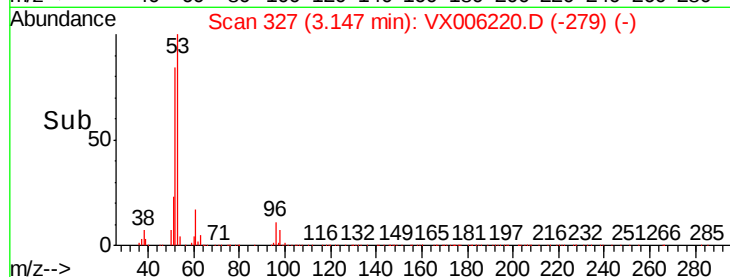
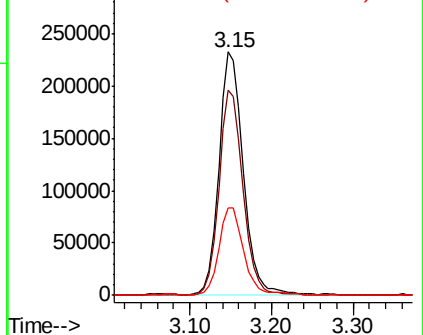
53 100

52 83.6 66.2 99.4

51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 94.726 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006220.D

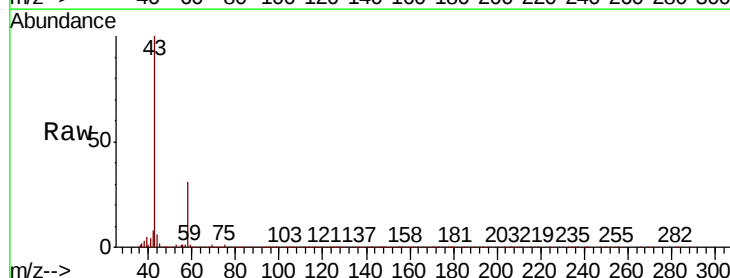
Acq: 30 Nov 2018 10:33

Tgt Ion: 43 Resp: 382108

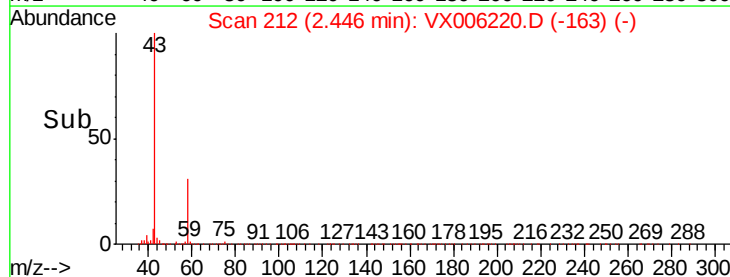
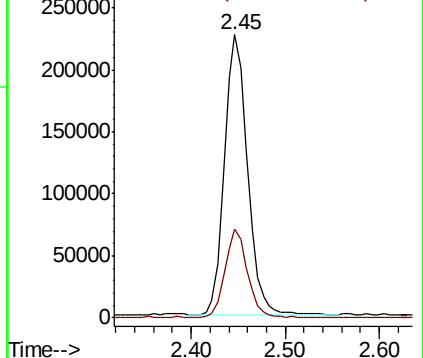
Ion Ratio Lower Upper

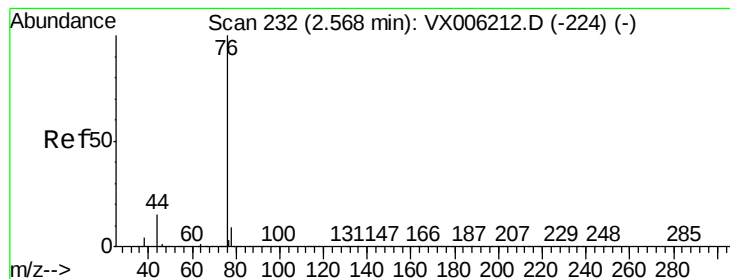
43 100

58 31.4 24.0 36.0



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





#17

Carbon Disulfide

Concen: 19.426 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

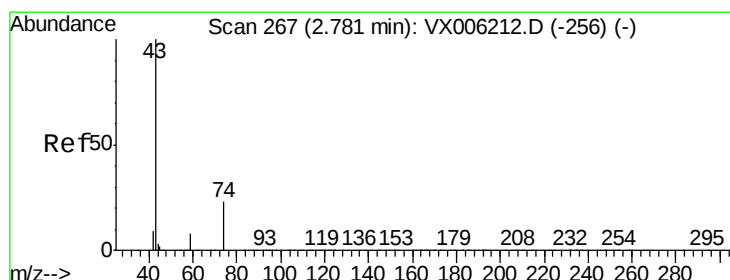
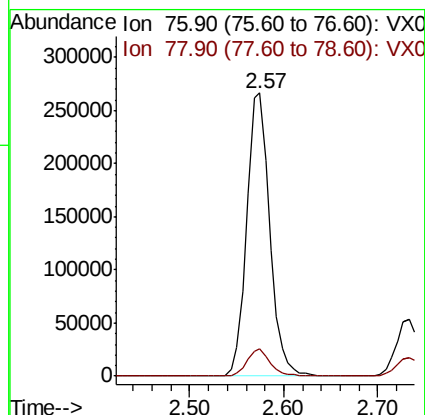
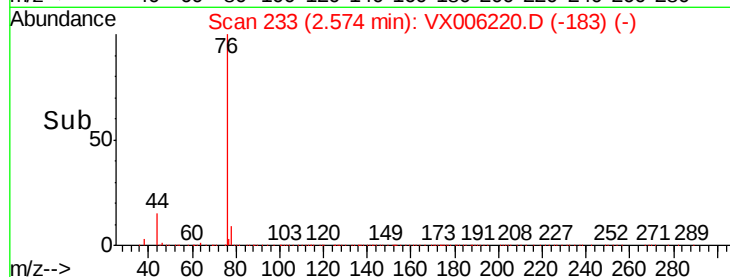
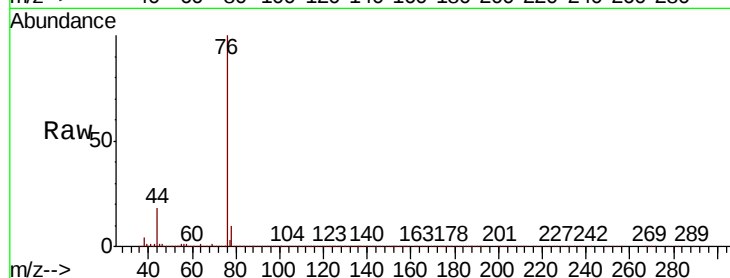
VX1130WBS01

Tot Ion: 76 Resp: 456069

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



#18

Methyl Acetate

Concen: 19.641 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006220.D

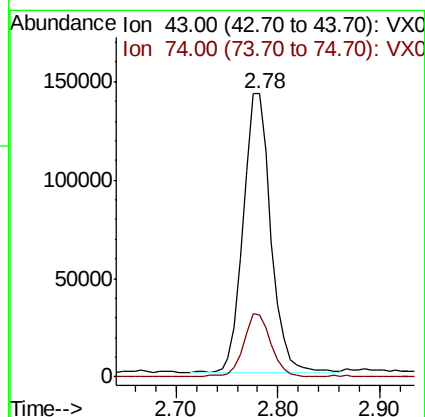
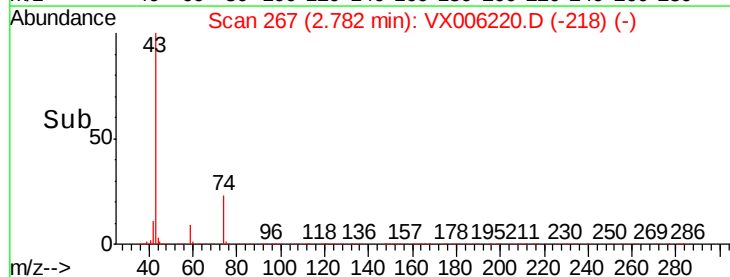
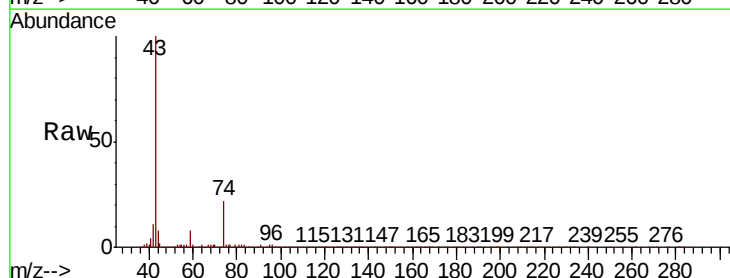
Acq: 30 Nov 2018 10:33

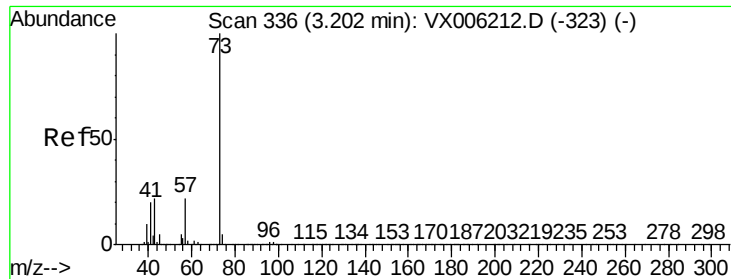
Tgt Ion: 43 Resp: 264953

Ion Ratio Lower Upper

43 100

74 22.2 17.9 26.9

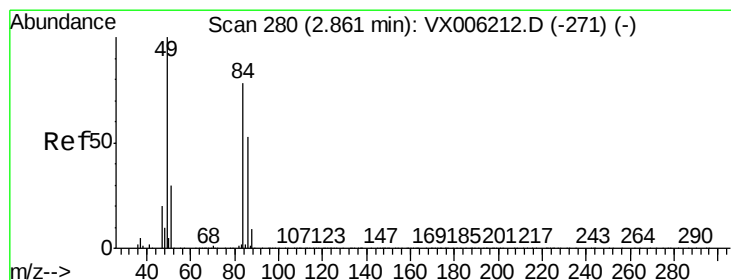
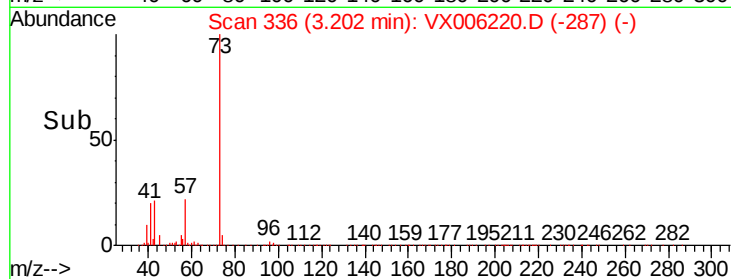
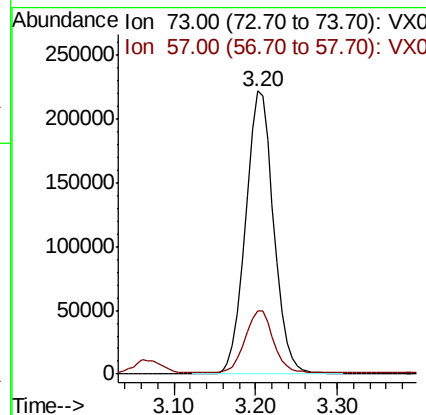
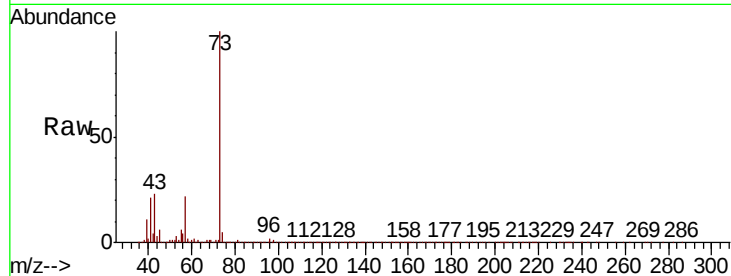




#19
Methvl tert-butvl Ether
Concen: 19.443 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

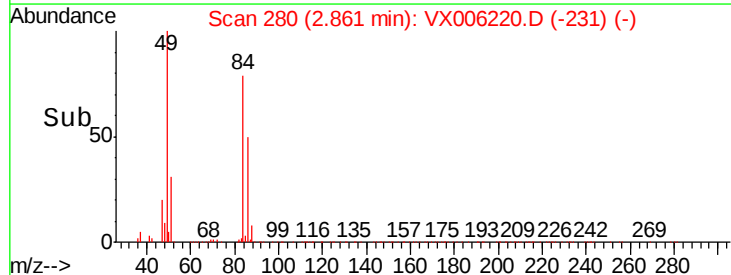
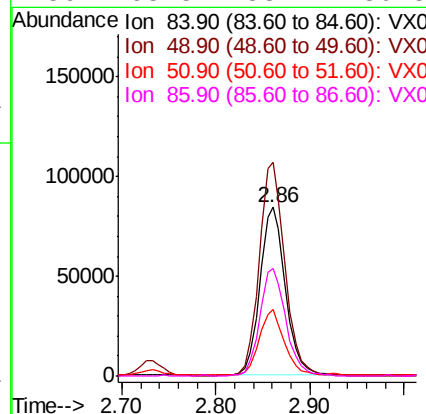
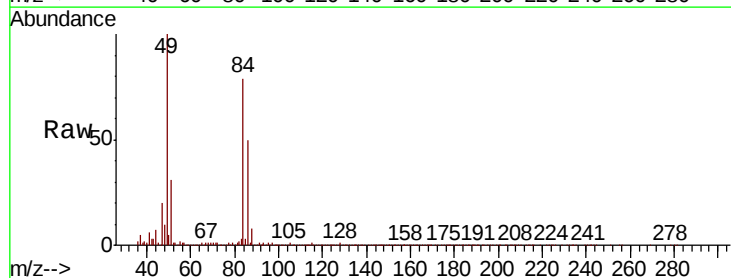
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion: 73 Resp: 528461
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 84 Resp: 159544
Ion Ratio Lower Upper
84 100
49 126.8 102.2 153.4
51 38.8 31.1 46.7
86 63.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.418 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

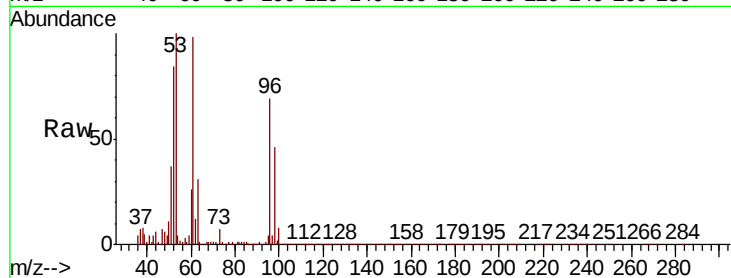
MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 96 Resp: 157657

Ion	Ratio	Lower	Upper
96	100		
61	141.4	113.3	169.9
98	65.7	53.2	79.8

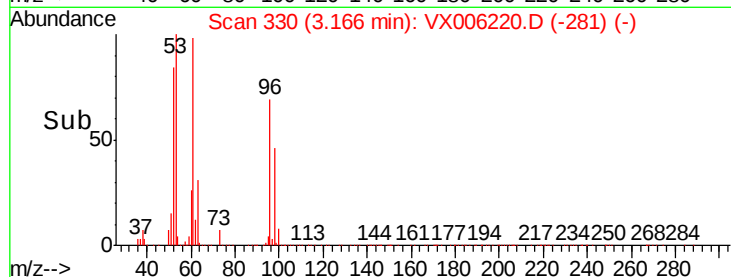


Abundance

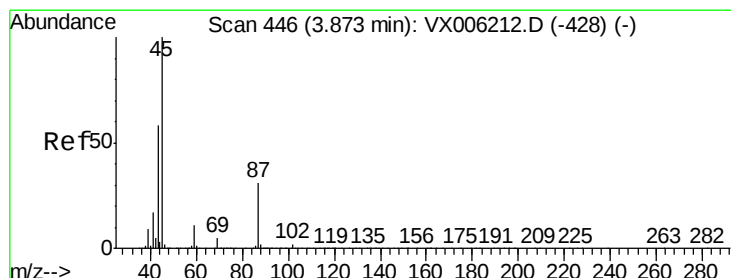
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#22

Diisopropyl ether

Concen: 19.363 ug/l

RT: 3.87 min Scan# 445

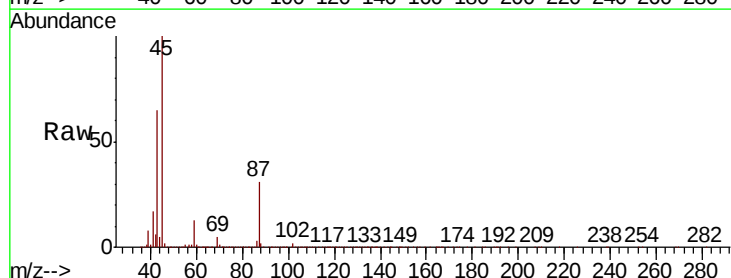
Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion: 45 Resp: 455188

Ion	Ratio	Lower	Upper
45	100		
43	63.2	46.2	69.2
87	30.7	24.9	37.3
59	12.6	9.1	13.7



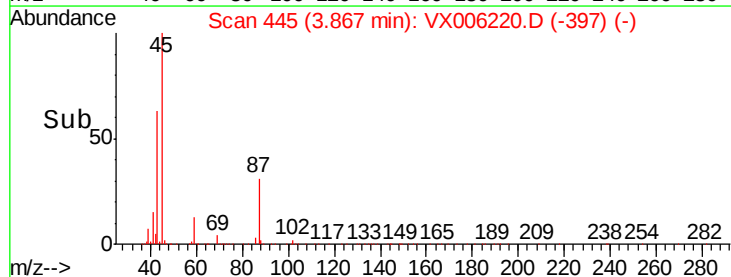
Abundance

Ion 45.00 (44.70 to 45.70): VX0

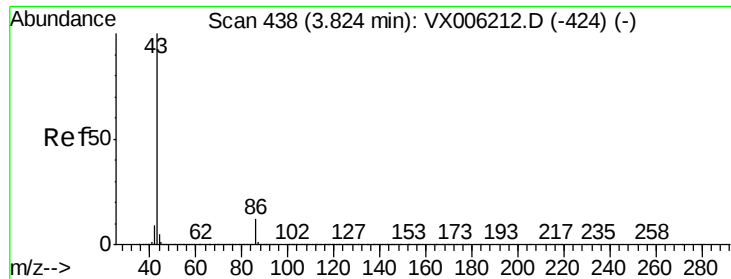
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



Time-->



#23

Vinyl Acetate

Concen: 98.018 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampled :

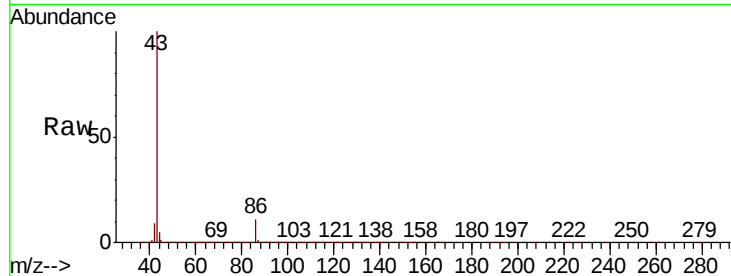
VX1130WBS01

Tot Ion: 43 Resp: 1965313

Ion Ratio Lower Upper

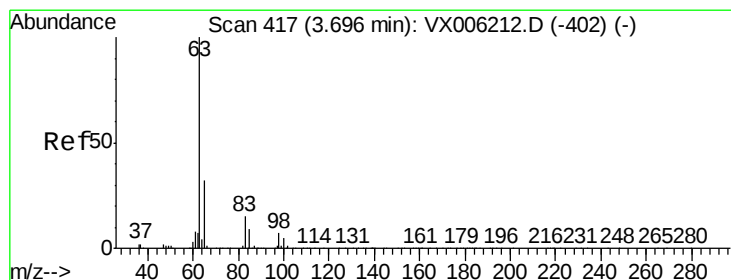
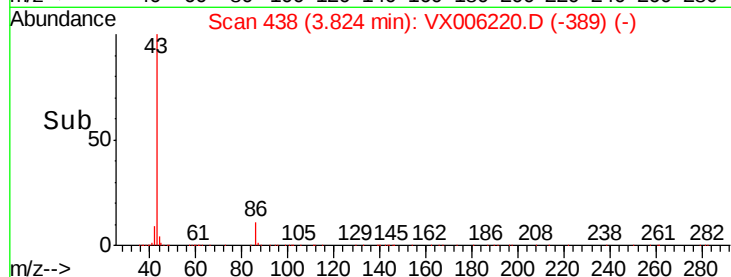
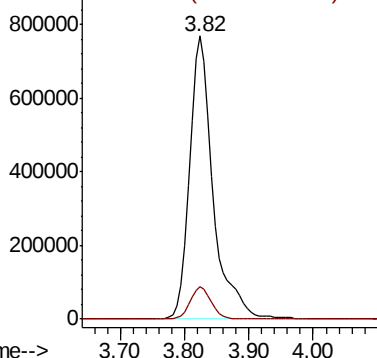
43 100

86 11.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.440 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

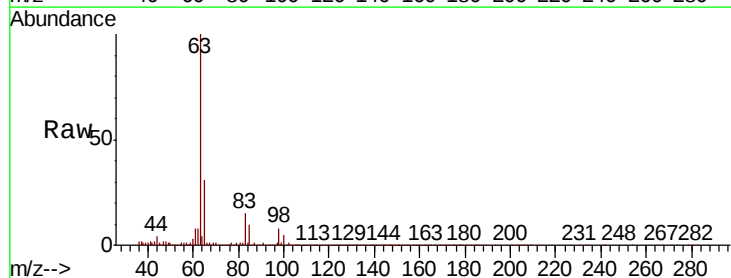
Tgt Ion: 63 Resp: 261207

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

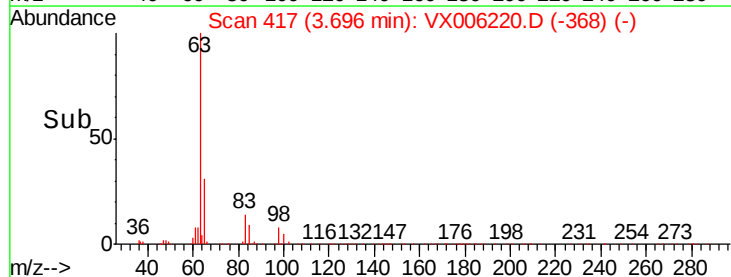
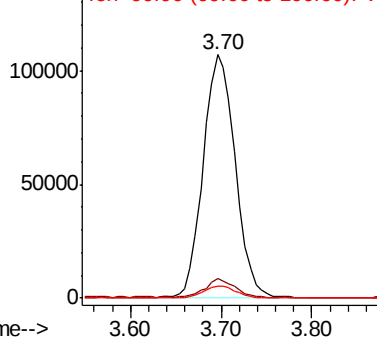
100 4.9 2.5 7.4

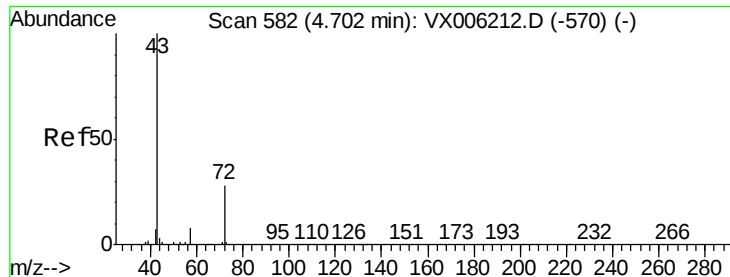


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.279 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

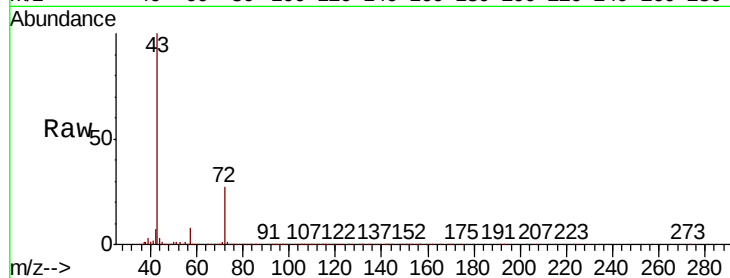
VX1130WBS01

Tot Ion: 43 Resp: 554149

Ion Ratio Lower Upper

43 100

72 27.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

150000

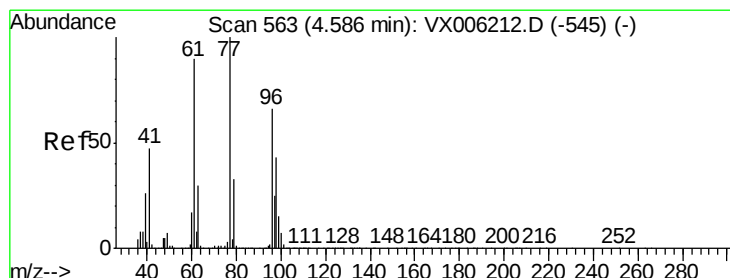
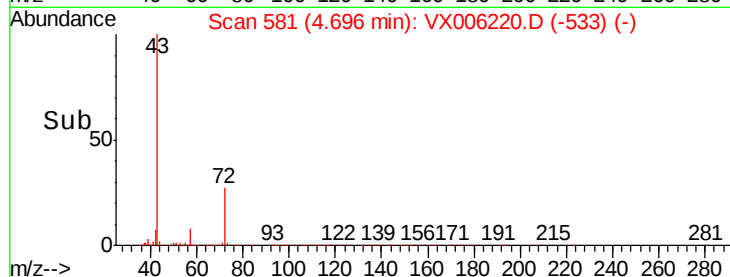
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.588 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006220.D

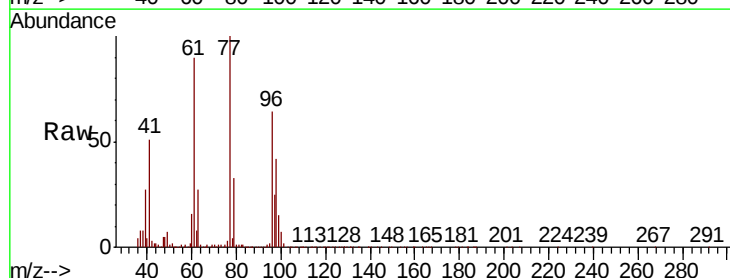
Acq: 30 Nov 2018 10:33

Tgt Ion: 77 Resp: 242908

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

80000

60000

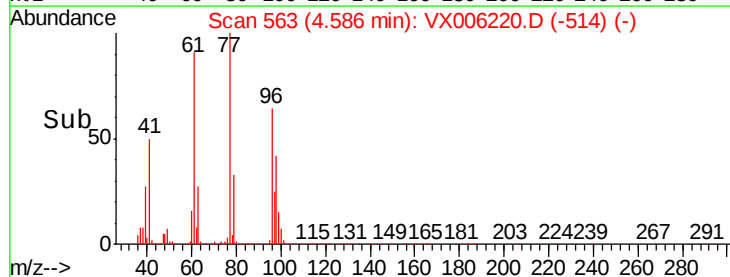
40000

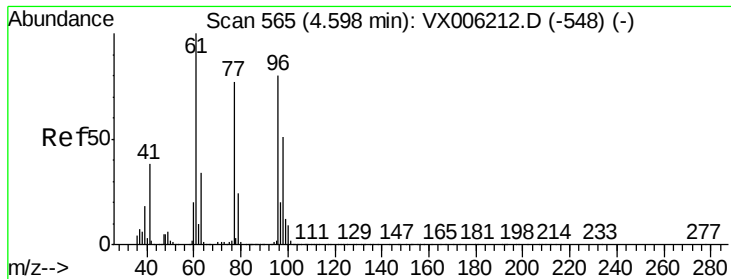
20000

0

4.50 4.60 4.70

Time-->



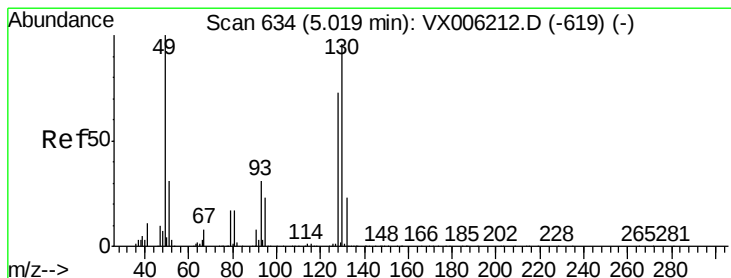
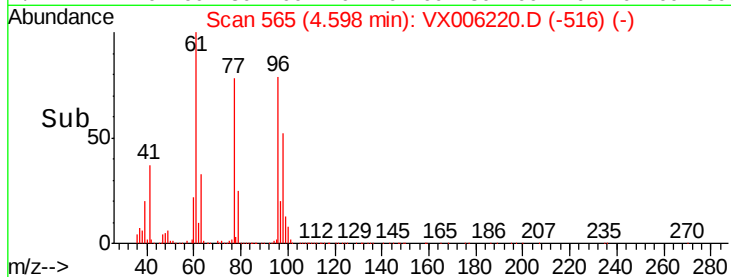
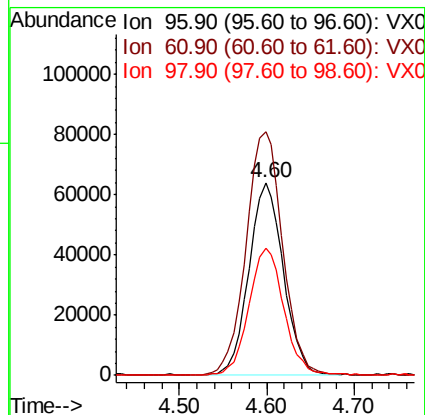
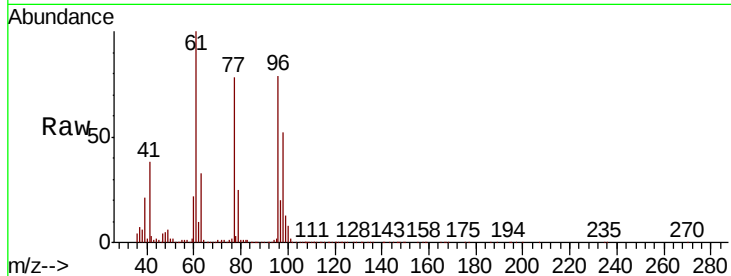


#27

cis-1,2-Dichloroethene
Concen: 19.260 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

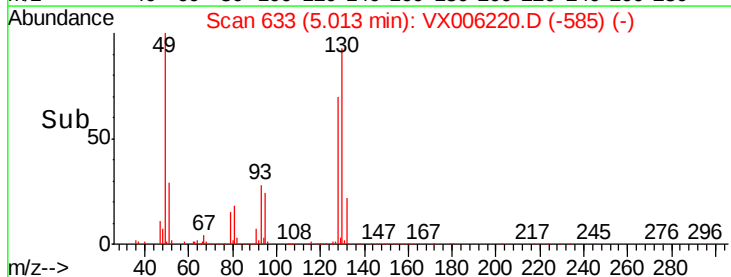
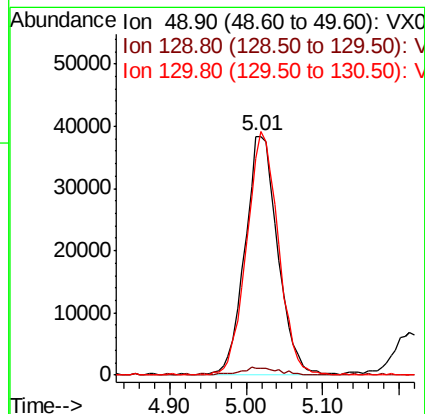
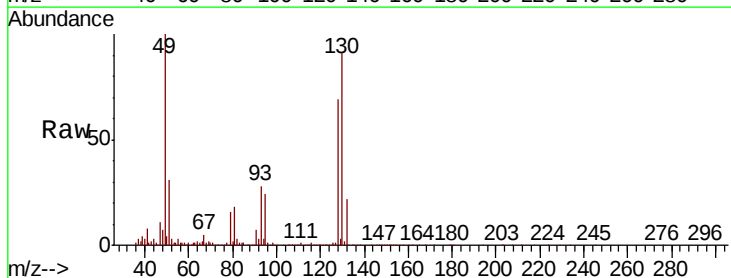
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	265.0
98	66.7	0.0	130.2

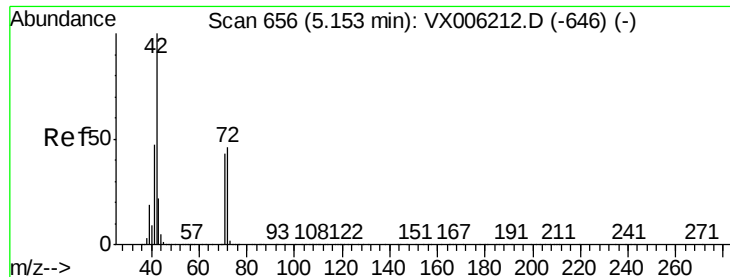


#28

Bromochloromethane
Concen: 19.434 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.6	0.0	5.0
130	99.1	78.3	117.5





#29

Tetrahydrofuran

Concen: 95.656 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

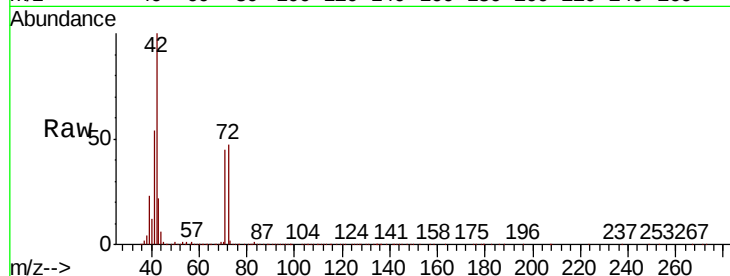
Tot Ion: 42 Resp: 382642

Ion Ratio Lower Upper

42 100

72 47.1 37.8 56.8

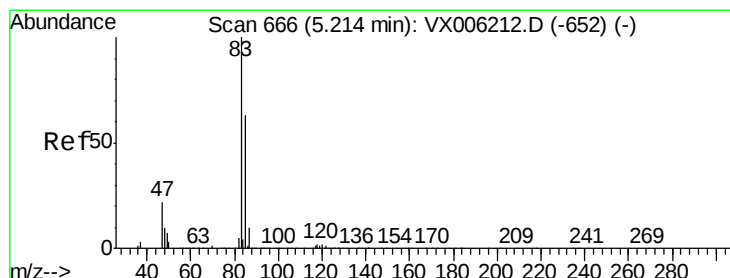
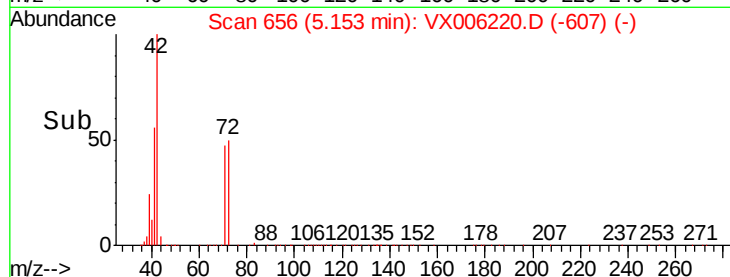
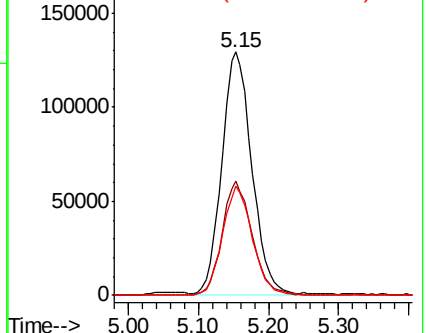
71 44.3 35.2 52.8



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: 19.494 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006220.D

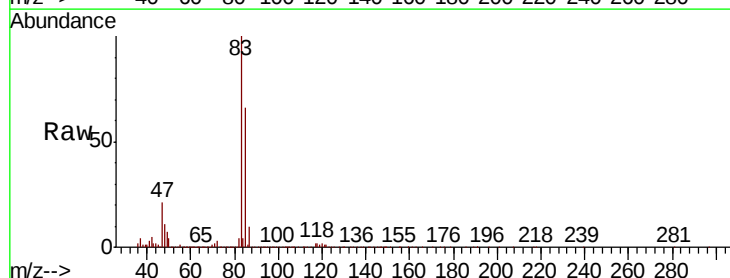
Acq: 30 Nov 2018 10:33

Tgt Ion: 83 Resp: 275255

Ion Ratio Lower Upper

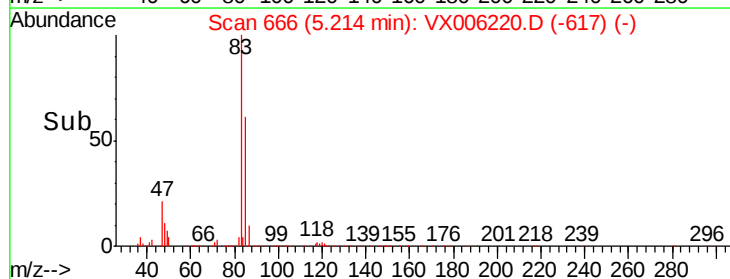
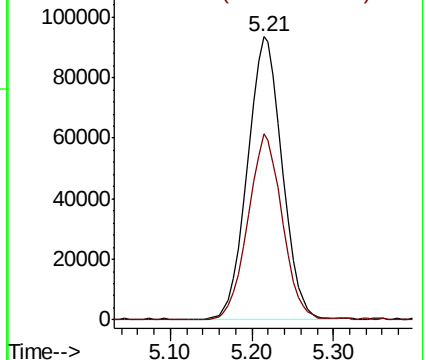
83 100

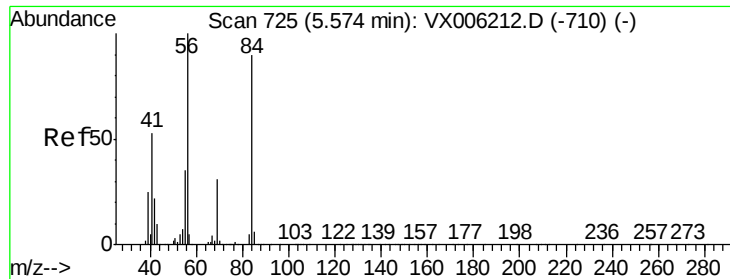
85 65.8 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.298 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

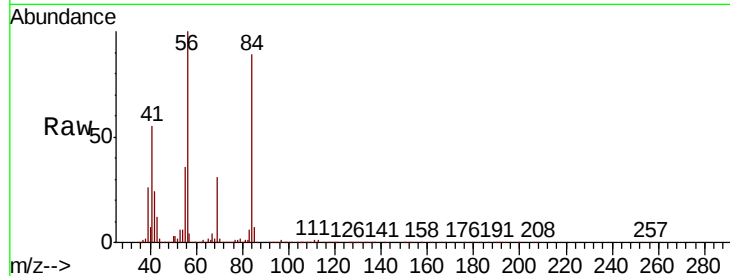
Tot Ion: 56 Resp: 239631

Ion Ratio Lower Upper

56 100

69 29.9 24.5 36.7

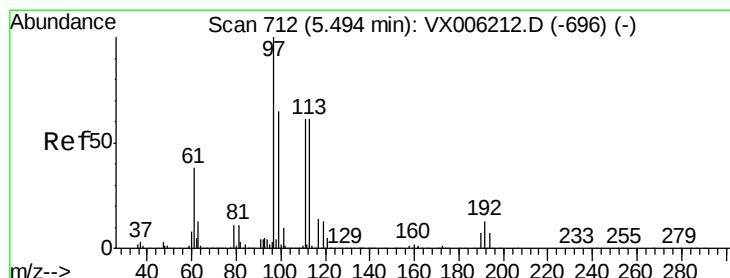
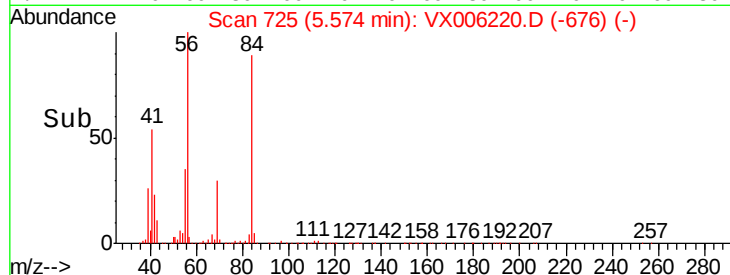
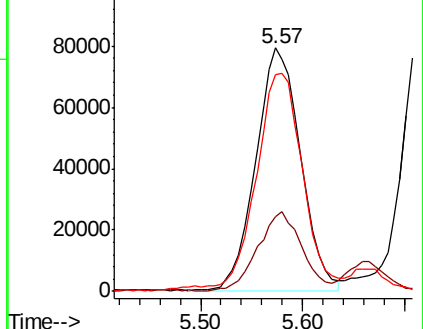
84 87.8 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.260 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

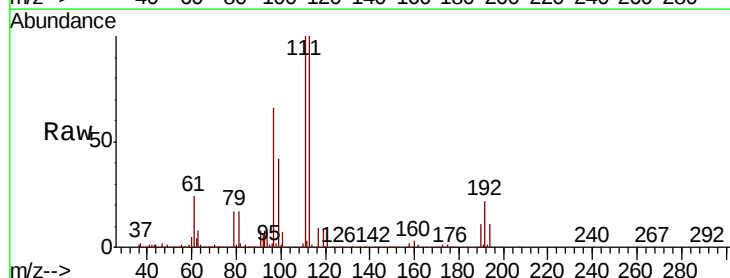
Tgt Ion: 97 Resp: 258764

Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

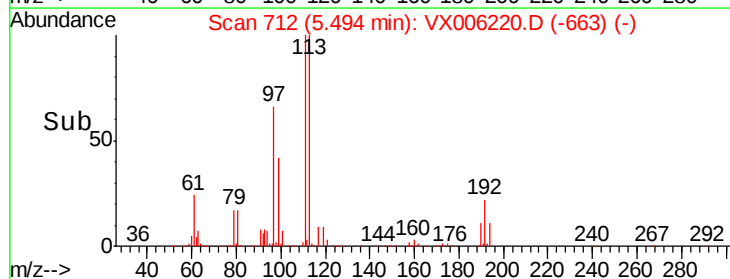
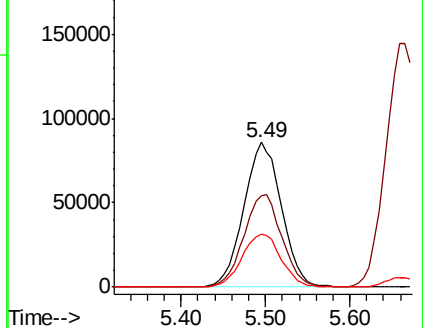
61 38.0 30.6 46.0

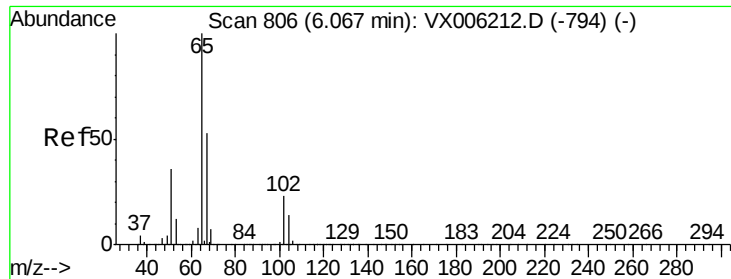


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.527 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

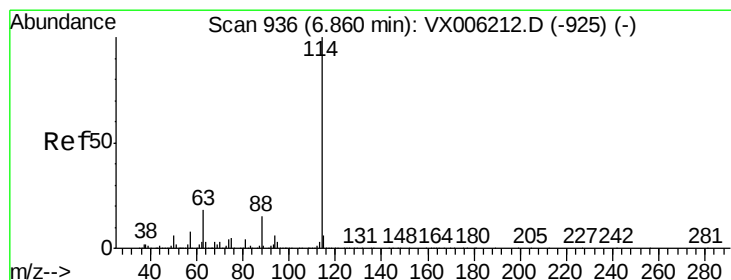
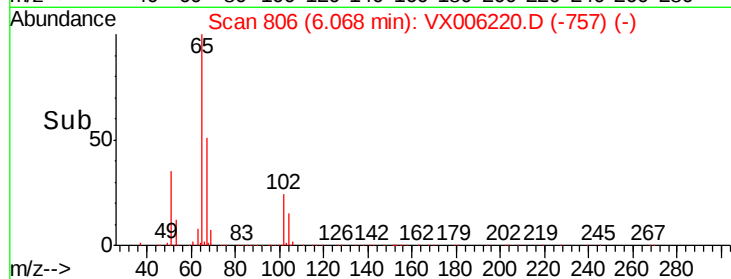
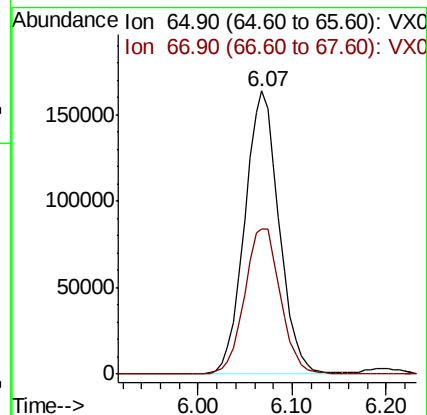
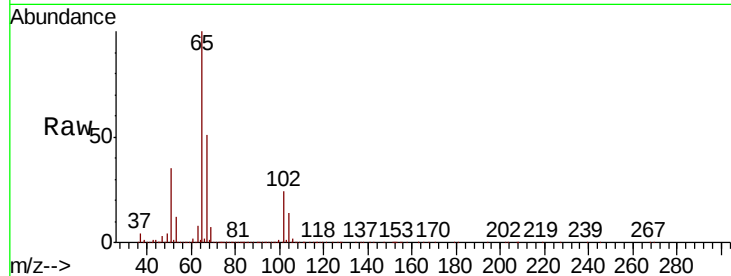
VX1130WBS01

Tot Ion: 65 Resp: 417116

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

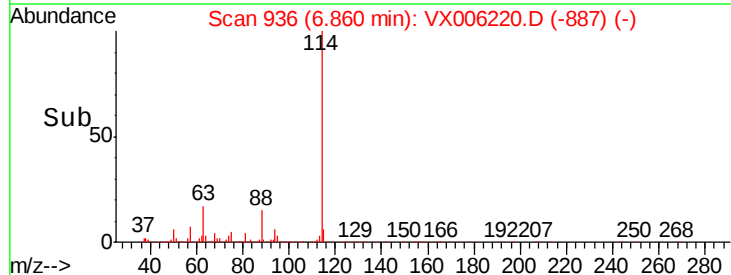
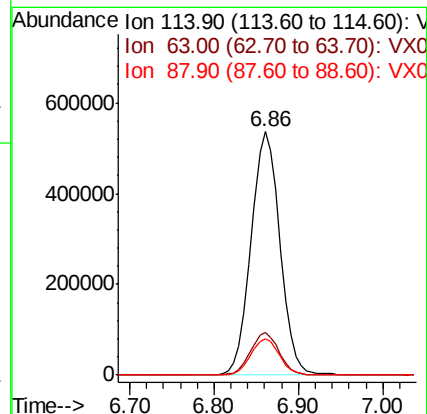
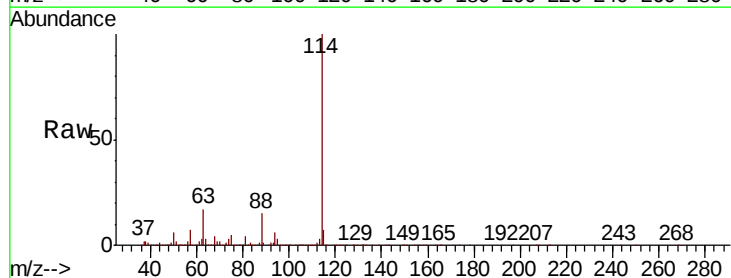
Tgt Ion: 114 Resp: 1241063

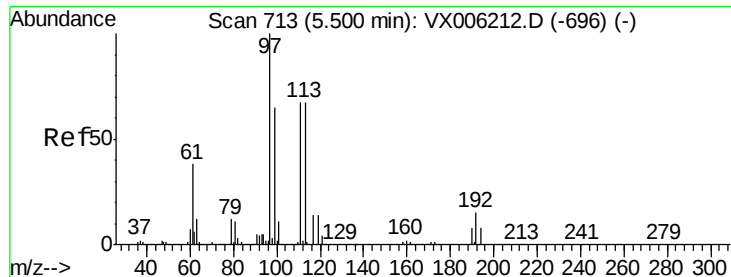
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.113 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

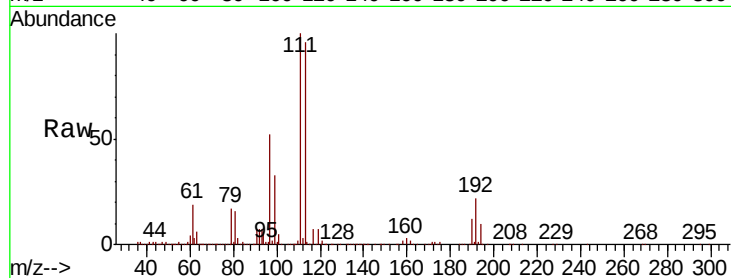
Tot Ion:113 Resp: 402677

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

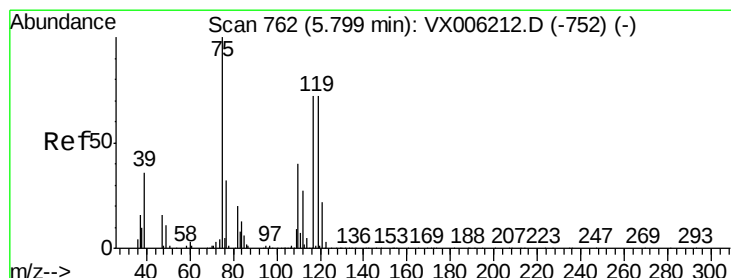
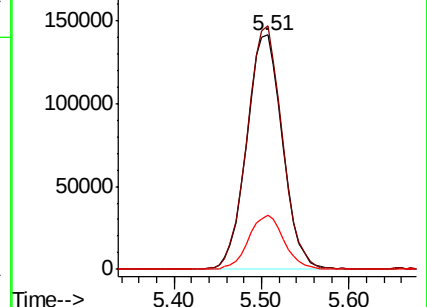
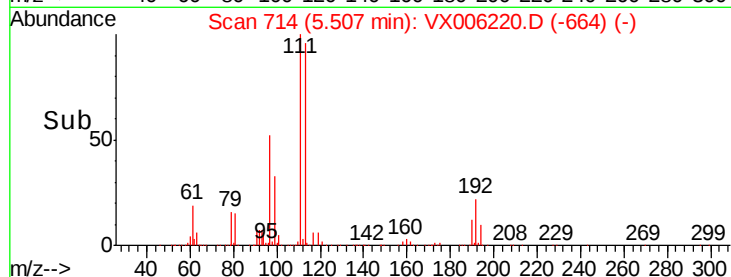
192 22.8 18.2 27.2



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: 19.285 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

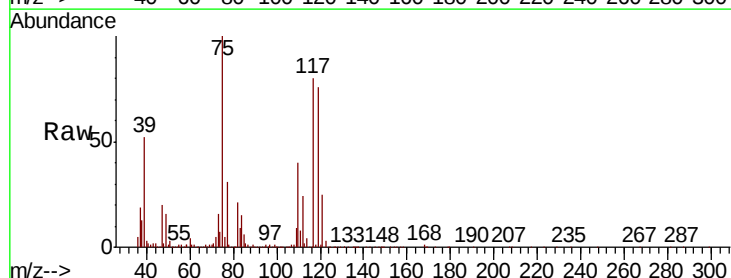
Tgt Ion: 75 Resp: 201548

Ion Ratio Lower Upper

75 100

110 41.1 20.4 61.3

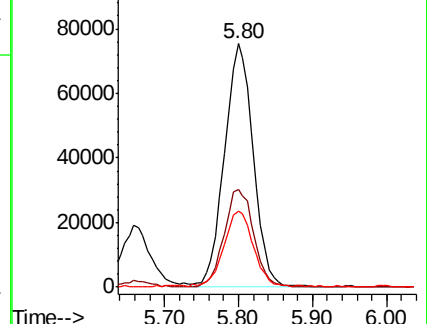
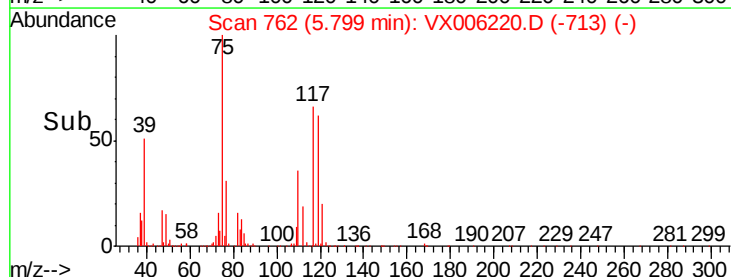
77 31.2 24.9 37.3

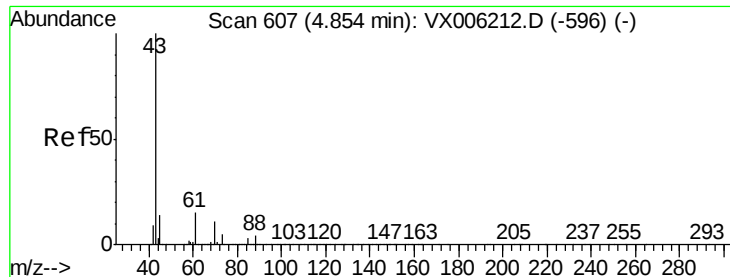


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

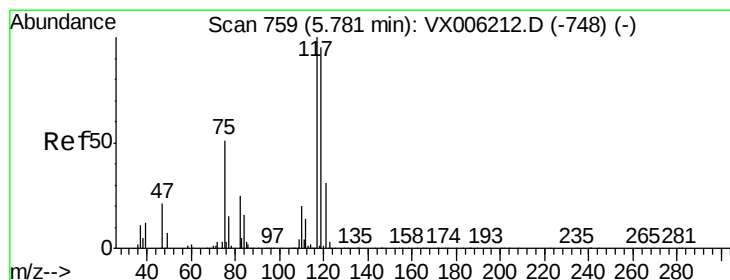
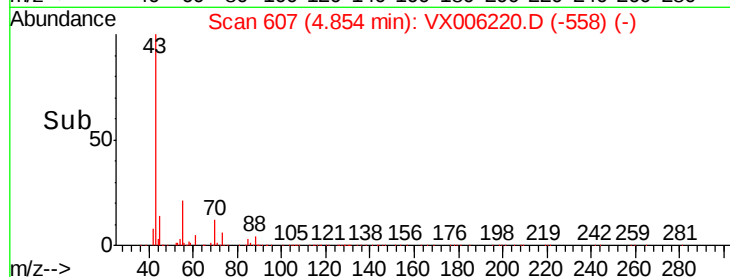
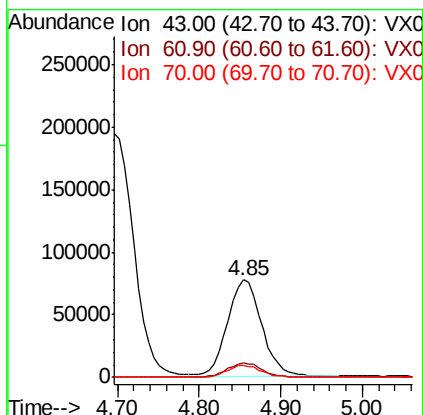
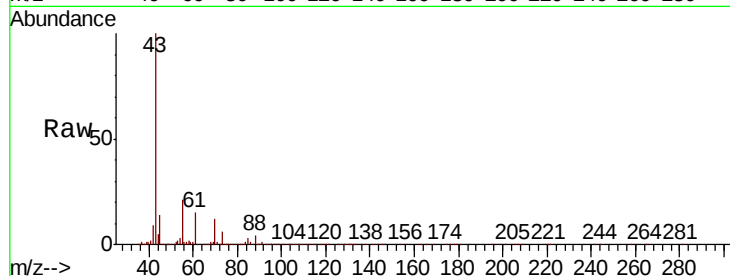




#37
Ethyl Acetate
Concen: 19.249 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

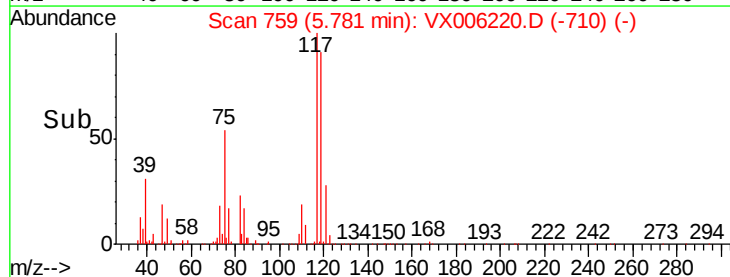
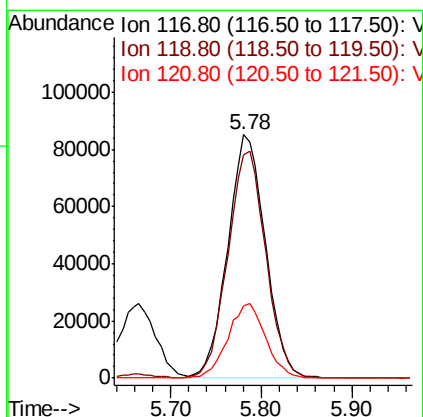
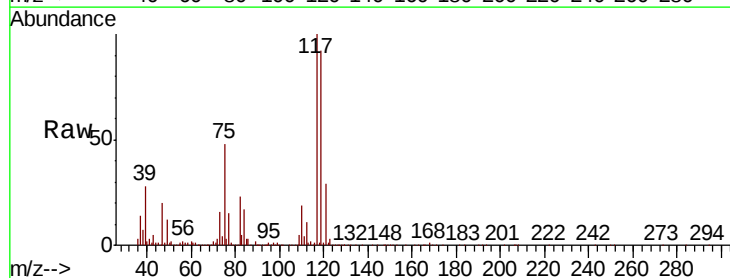
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

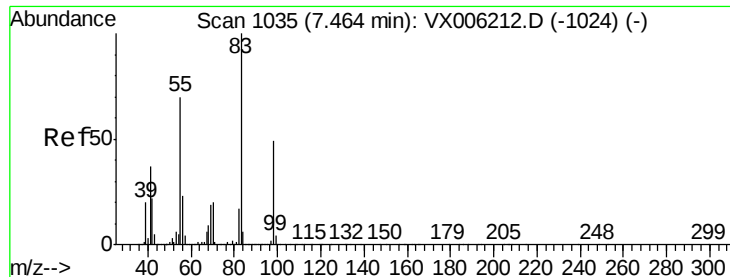
Tot Ion: 43 Resp: 225291
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.890 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 117 Resp: 244547
Ion Ratio Lower Upper
117 100
119 91.6 75.8 113.8
121 29.4 24.6 37.0

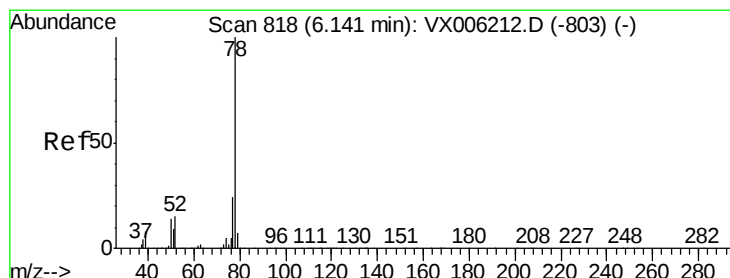
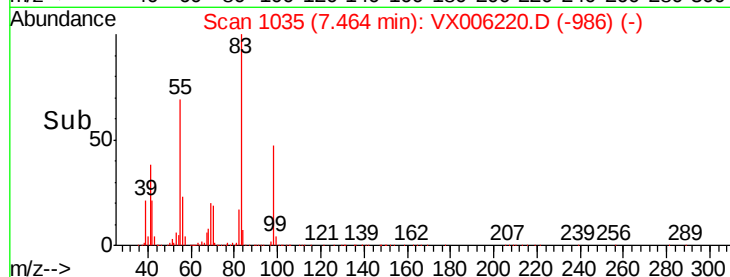
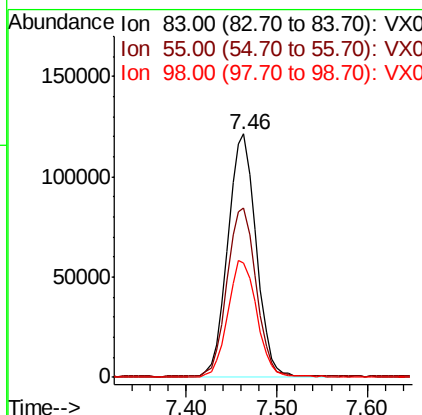
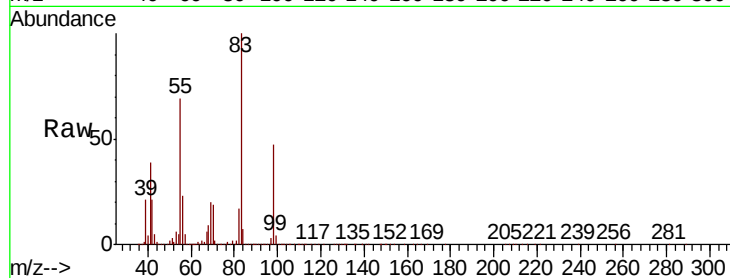




#39
Methylvlcvclohexane
Concen: 19.373 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

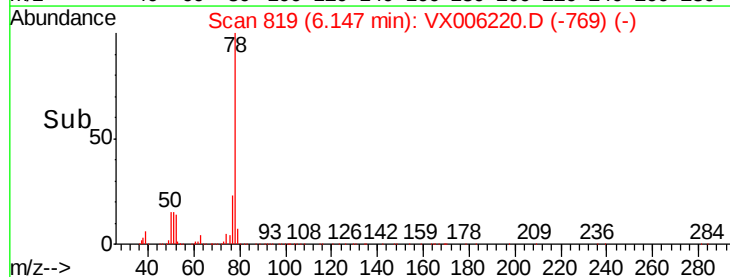
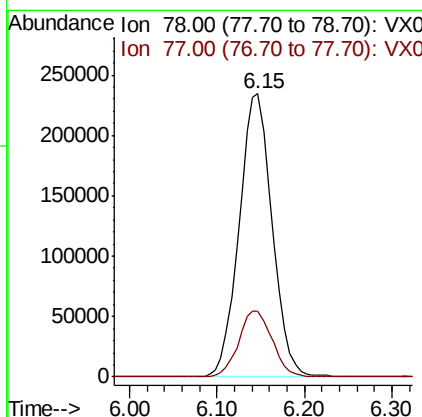
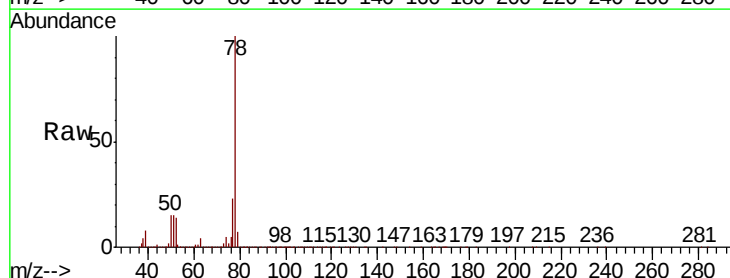
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

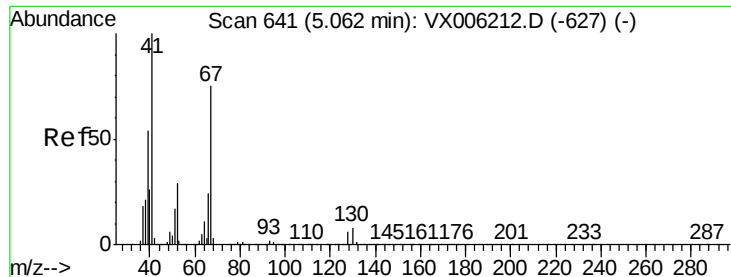
Tot Ion: 83 Resp: 262816
Ion Ratio Lower Upper
83 100
55 69.0 56.4 84.6
98 47.1 39.0 58.6



#40
Benzene
Concen: 19.536 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 78 Resp: 611514
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 19.042 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampled :

VX1130WBS01

Tot Ion: 41 Resp: 122634

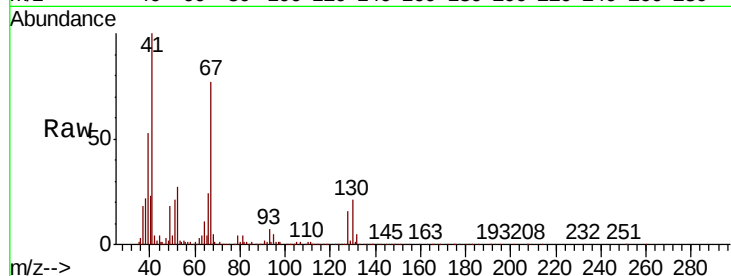
Ion Ratio Lower Upper

41 100

39 53.9 44.0 66.0

67 76.0 61.4 92.0

52 27.9 23.5 35.3

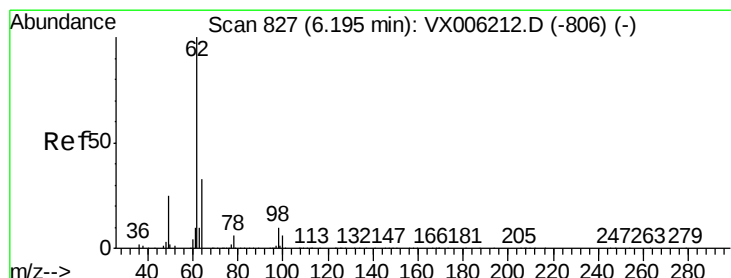
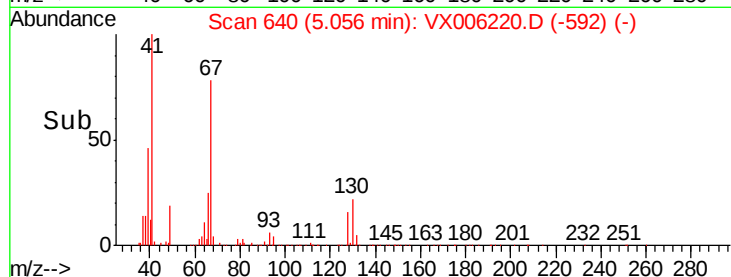
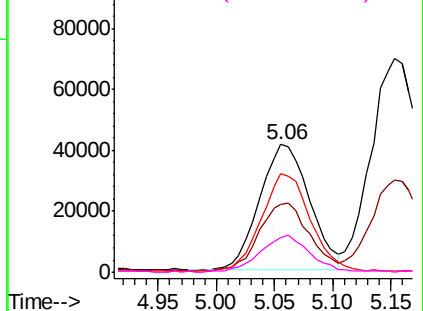


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.831 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006220.D

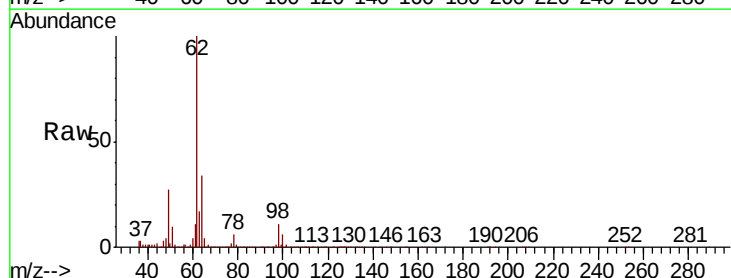
Acq: 30 Nov 2018 10:33

Tgt Ion: 62 Resp: 203162

Ion Ratio Lower Upper

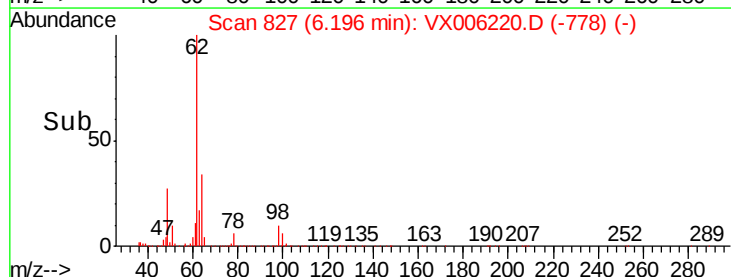
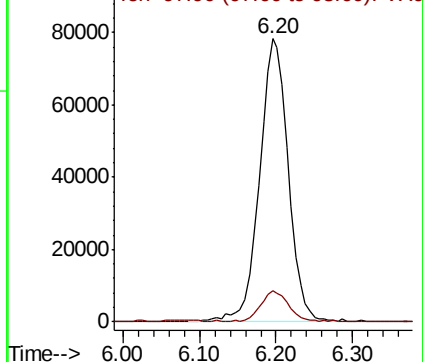
62 100

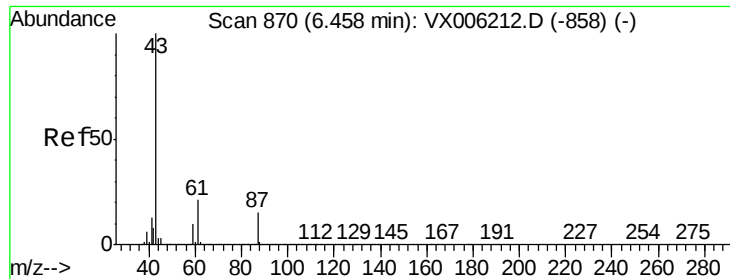
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



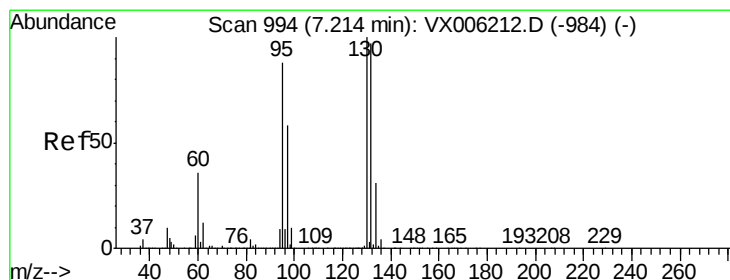
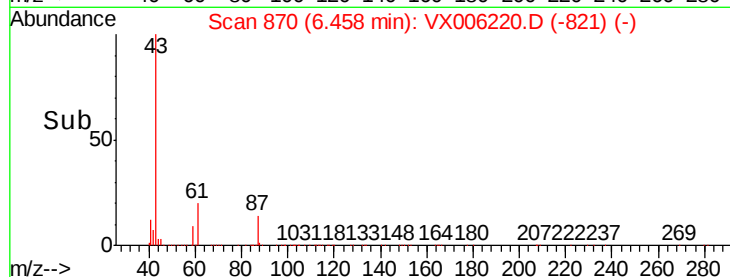
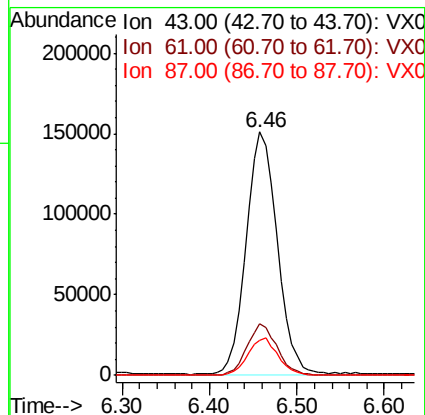
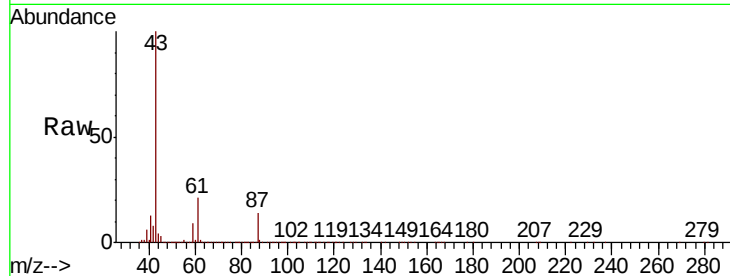


#43

Isopropyl Acetate
 Concen: 19.107 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

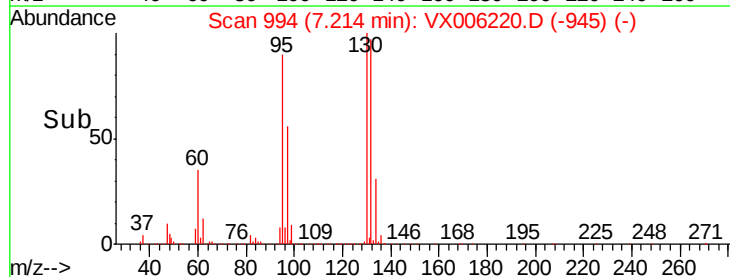
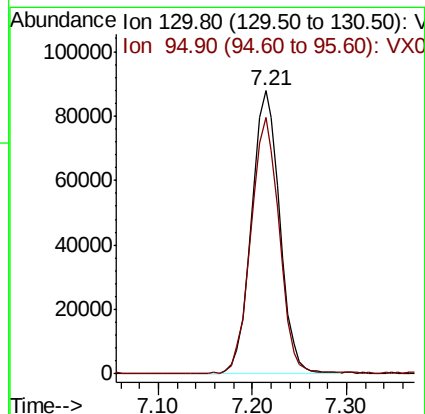
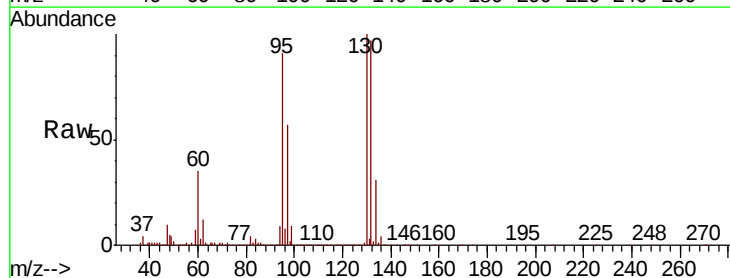
Tot Ion	43	Resp	372848
Ion Ratio	Lower	Upper	
43	100		
61	20.5	16.8	25.2
87	14.9	11.9	17.9

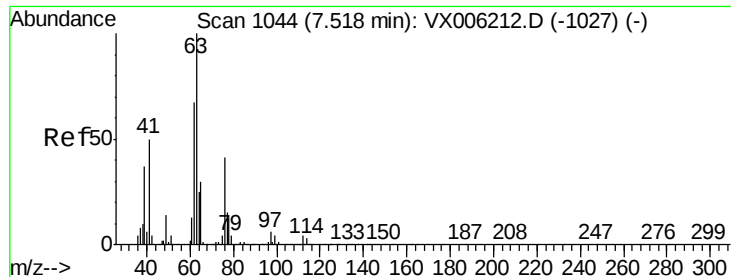


#44

Trichloroethene
 Concen: 19.358 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	130	Resp	183561
Ion Ratio	Lower	Upper	
130	100		
95	90.5	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.411 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

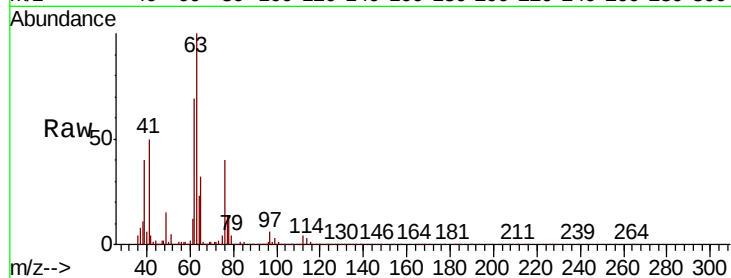
VX1130WBS01

Tot Ion: 63 Resp: 154419

Ion Ratio Lower Upper

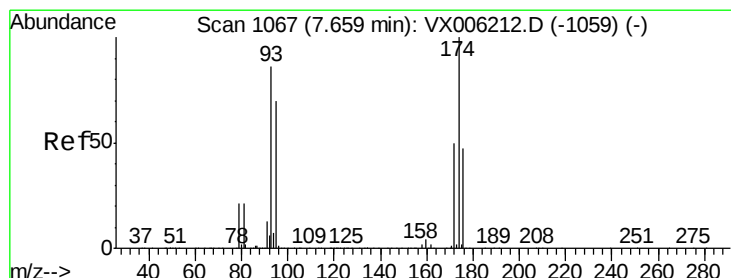
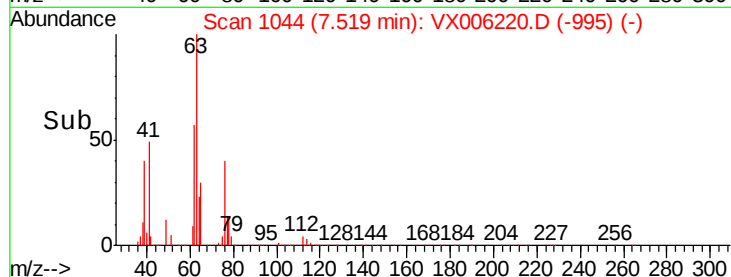
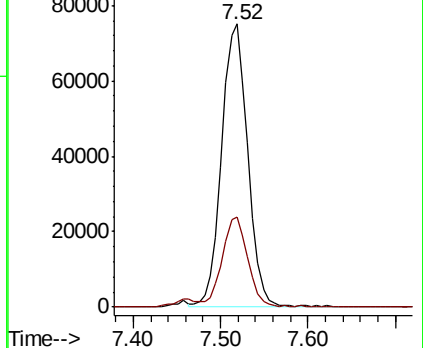
63 100

65 31.6 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.553 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

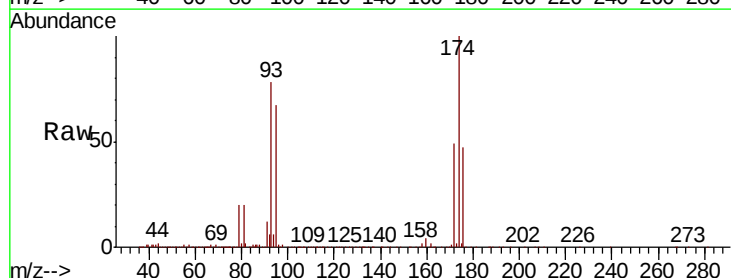
Tgt Ion: 93 Resp: 112344

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

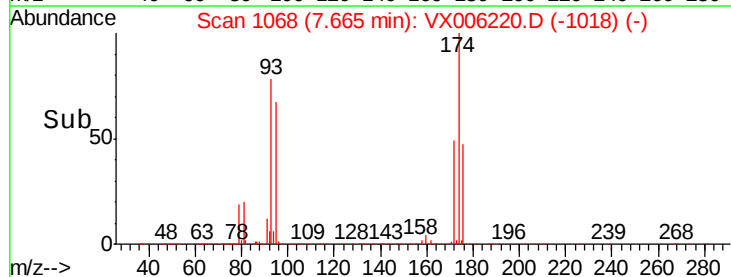
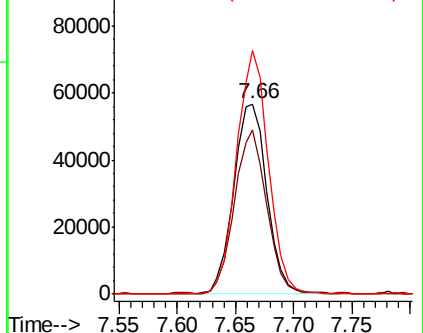
174 123.2 97.2 145.8

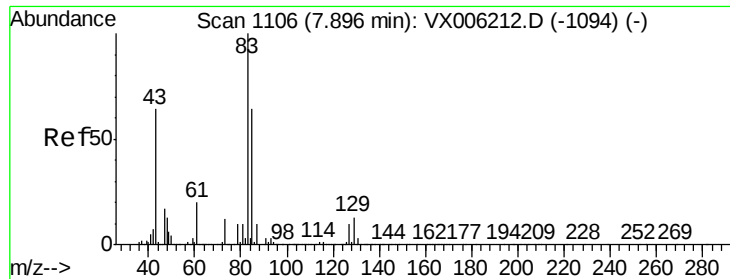


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.663 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

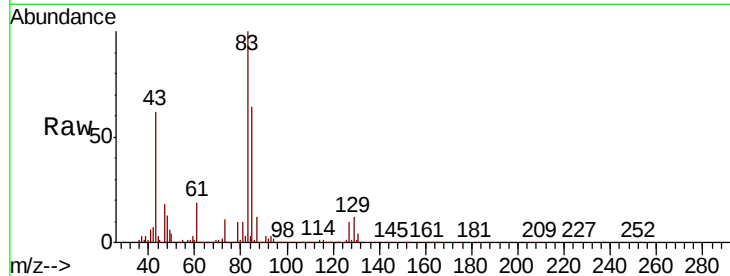
Tot Ion: 83 Resp: 218778

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

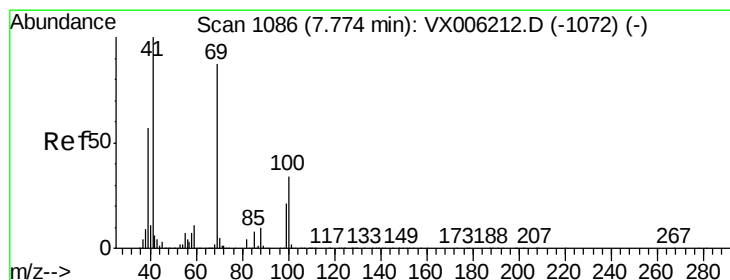
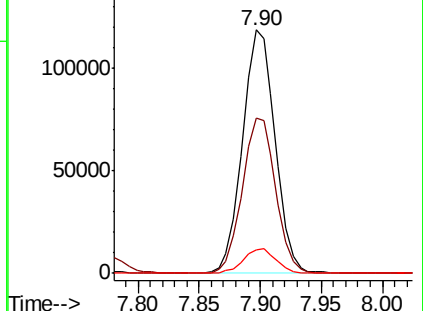
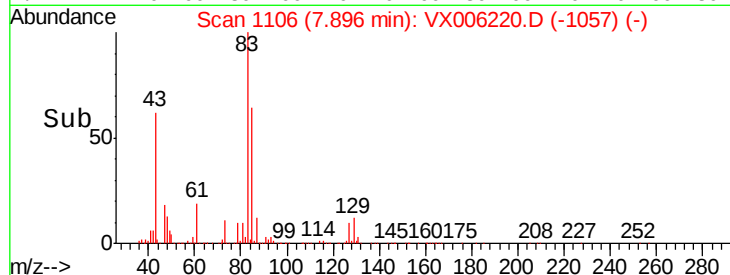
127 9.6 7.9 11.9



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: 19.042 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

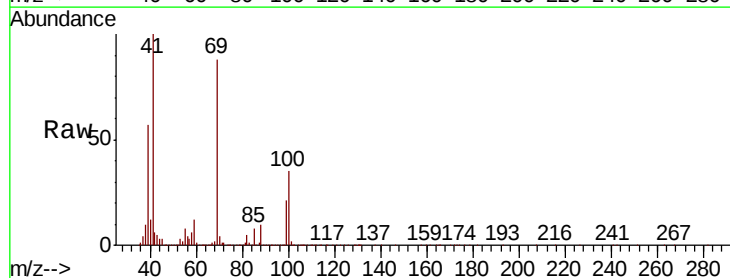
Tgt Ion: 41 Resp: 180765

Ion Ratio Lower Upper

41 100

69 89.6 70.3 105.5

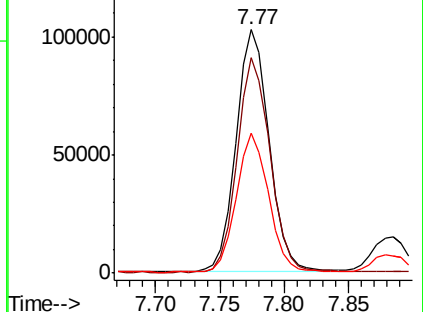
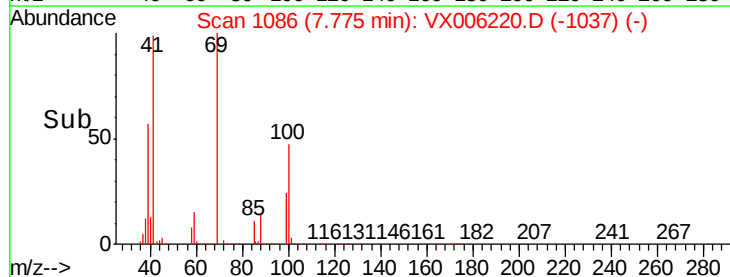
39 56.9 45.3 67.9

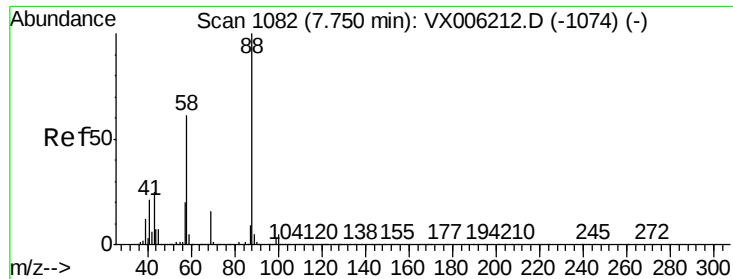


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 393.850 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

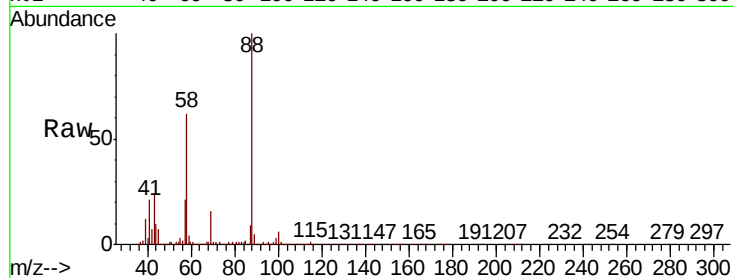
Tot Ion: 88 Resp: 92150

Ion Ratio Lower Upper

88 100

43 28.8 23.2 34.8

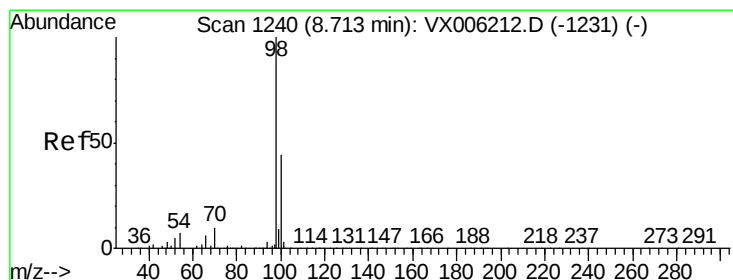
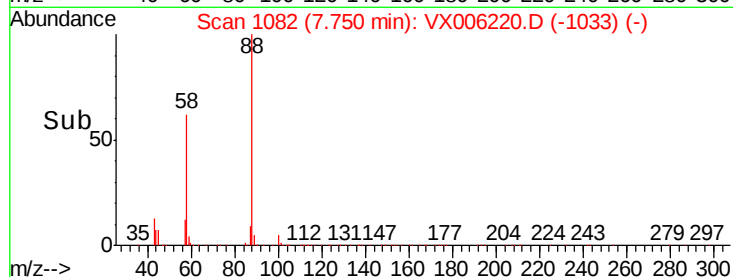
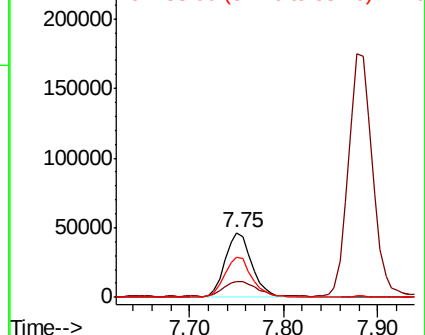
58 63.2 51.4 77.0



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: 49.701 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006220.D

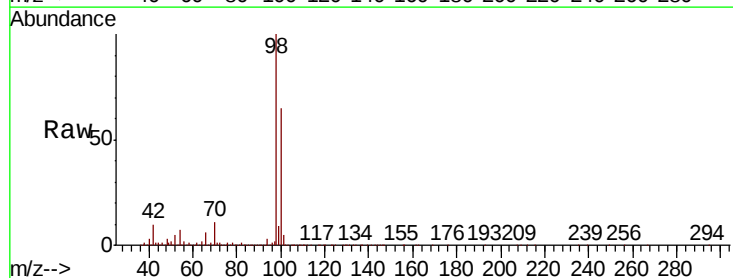
Acq: 30 Nov 2018 10:33

Tgt Ion: 98 Resp: 1452653

Ion Ratio Lower Upper

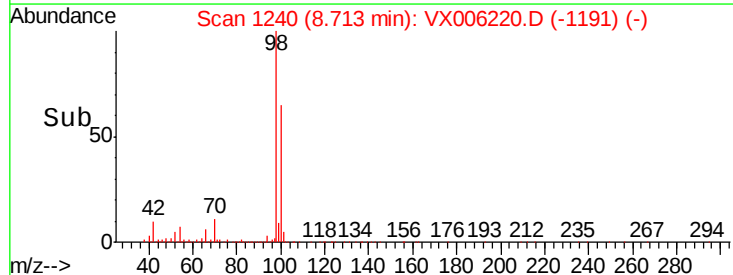
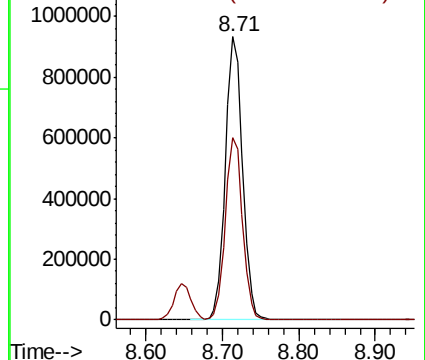
98 100

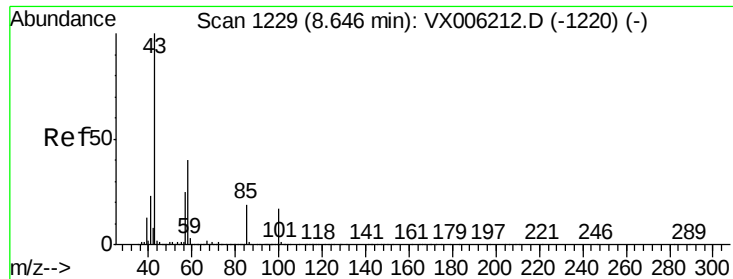
100 64.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

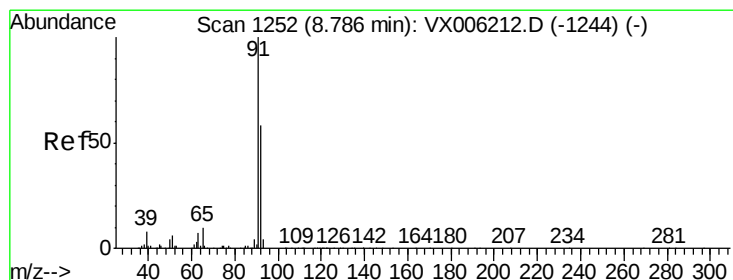
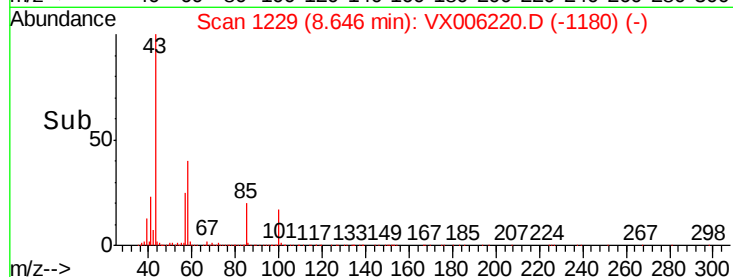
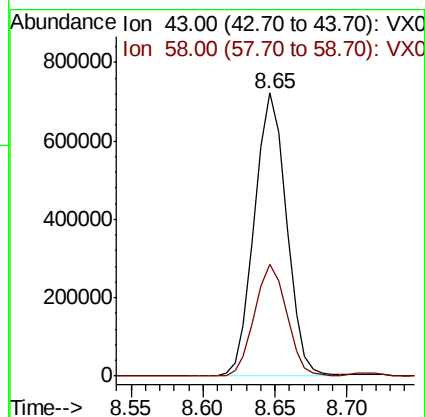
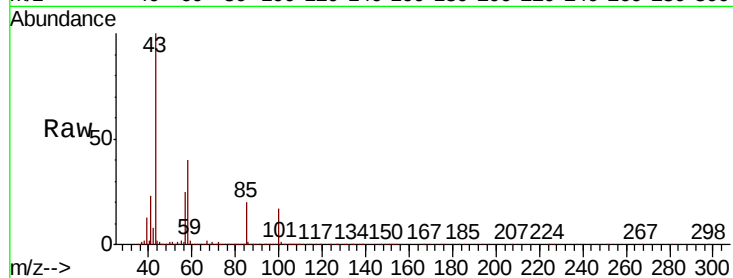




#51
 4-Methyl-2-Pentanone
 Concen: 97.685 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

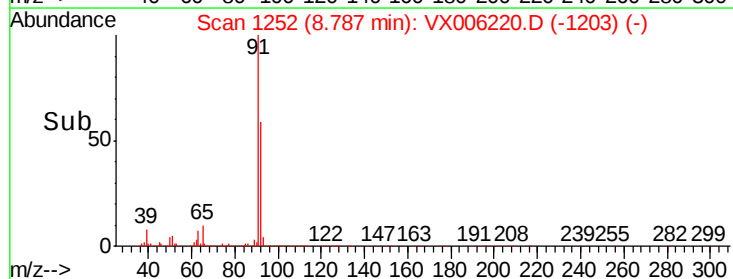
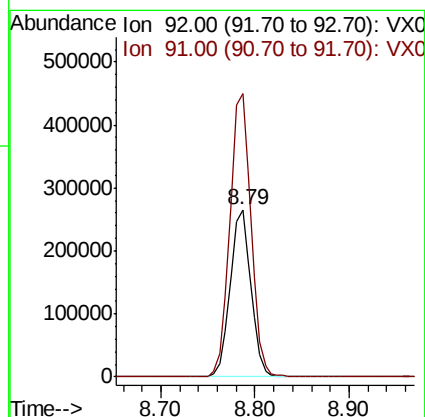
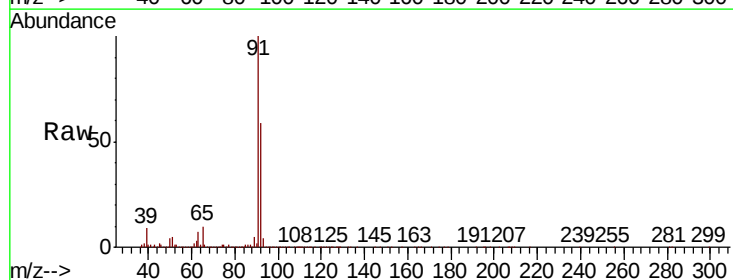
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

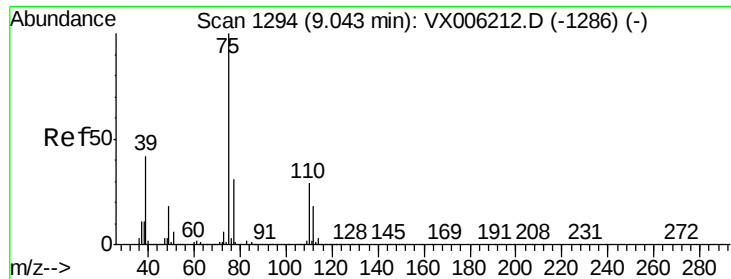
Tot Ion: 43 Resp: 1109675
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.3 46.9



#52
 Toluene
 Concen: 19.613 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion: 92 Resp: 403897
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.536 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

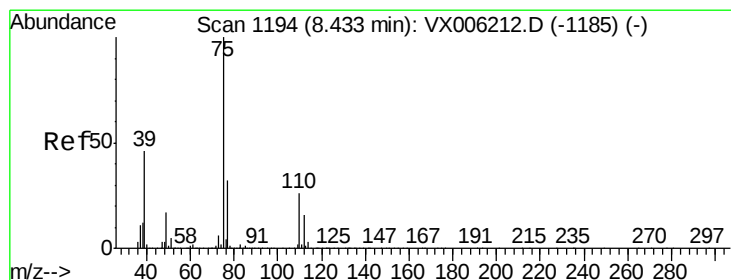
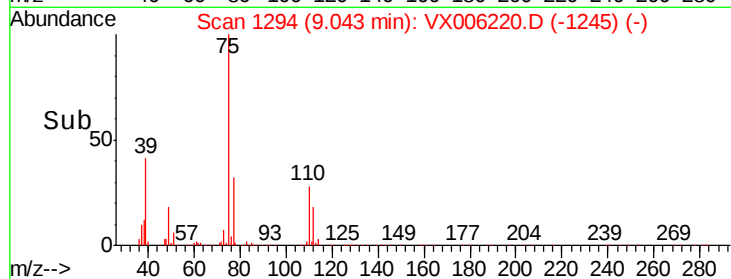
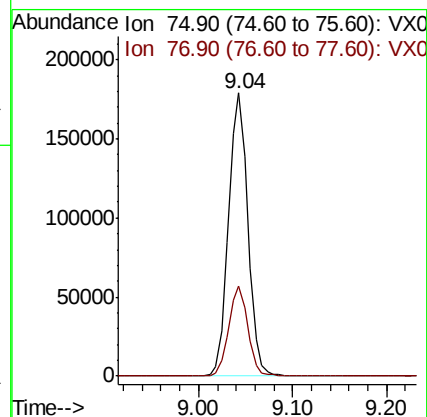
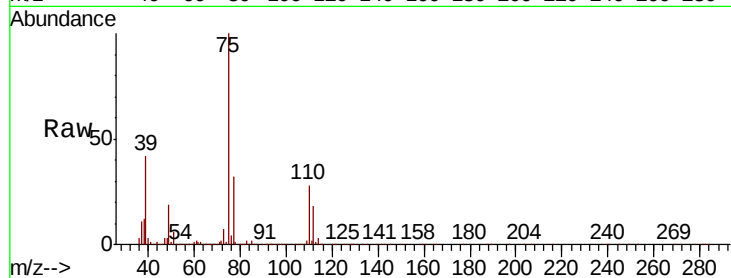
VX1130WBS01

Tot Ion: 75 Resp: 254211

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.653 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

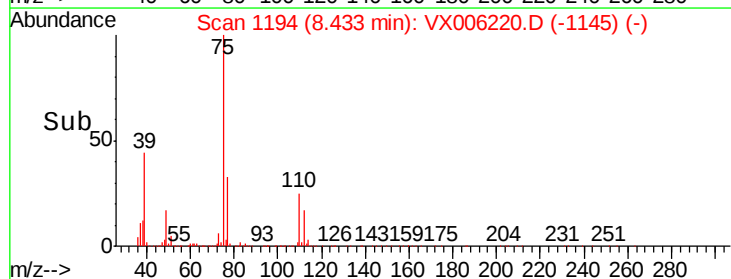
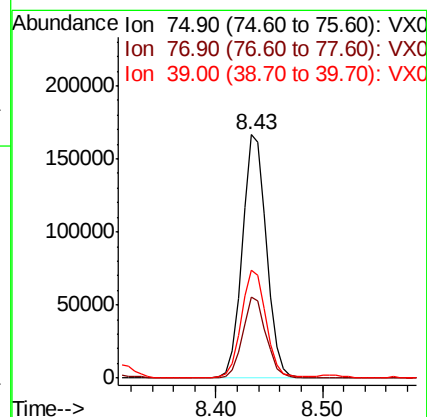
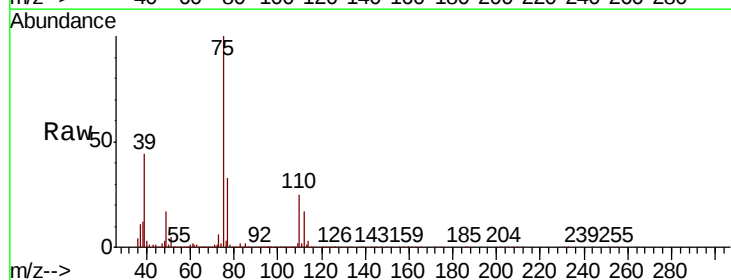
Tgt Ion: 75 Resp: 265543

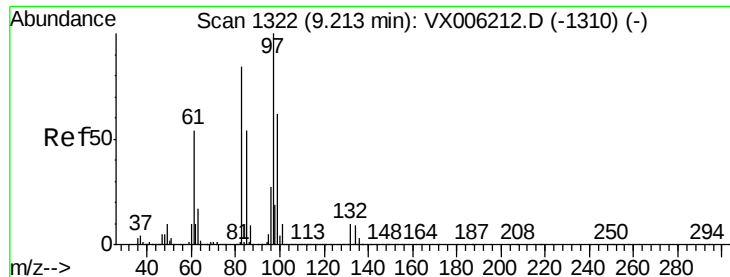
Ion Ratio Lower Upper

75 100

77 33.0 25.6 38.4

39 43.8 36.5 54.7

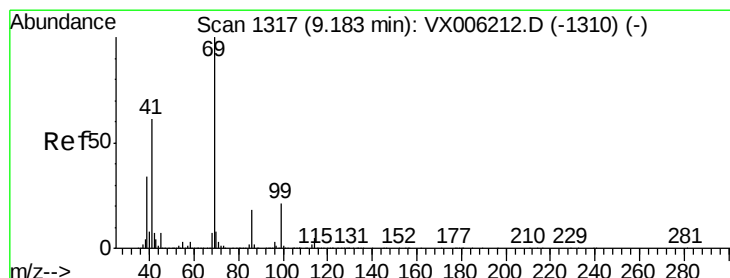
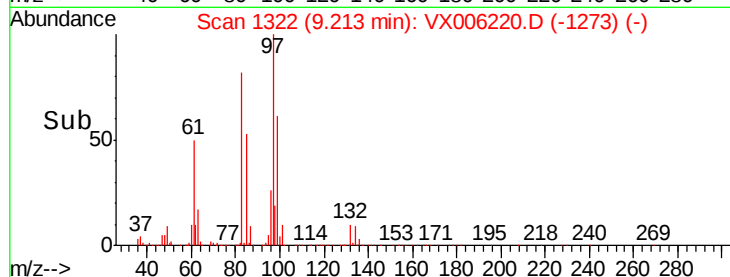
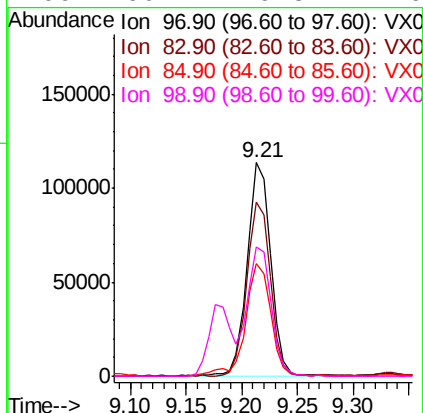
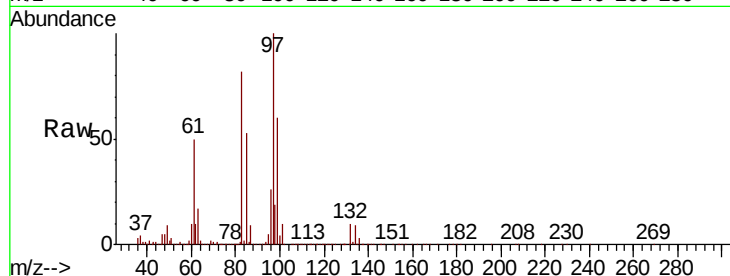




#55
 1,1,2-Trichloroethane
 Concen: 19.812 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

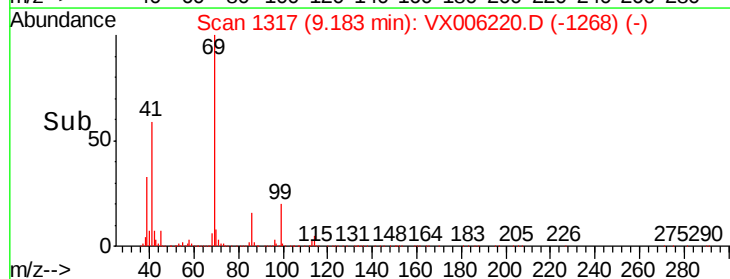
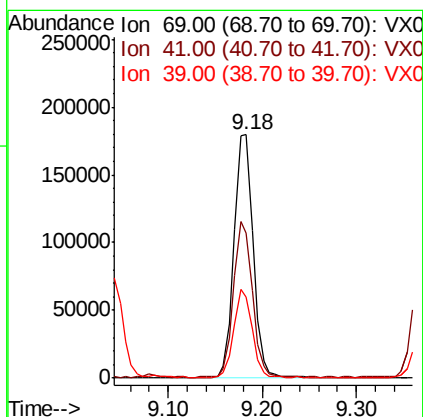
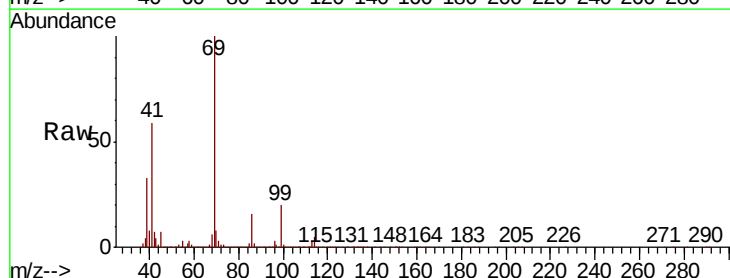
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

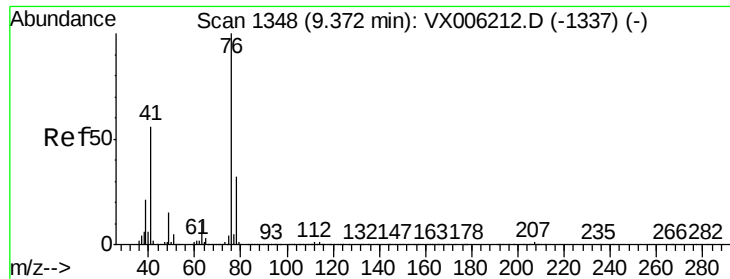
Tot Ion:	97	Resp:	165751
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.1	100.7
85	52.7	43.2	64.8
99	60.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 19.431 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion:	69	Resp:	254143
Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.6	76.0
39	34.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 19.684 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

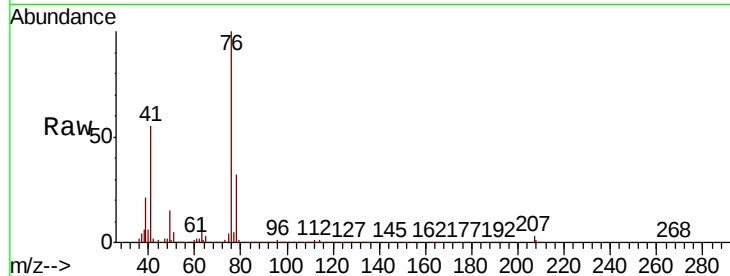
VX1130WBS01

Tot Ion: 76 Resp: 260406

Ion Ratio Lower Upper

76 100

78 31.6 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

200000

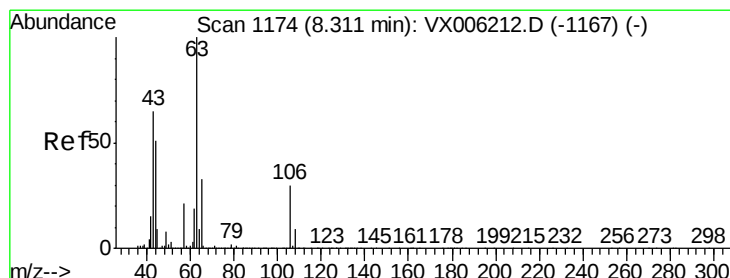
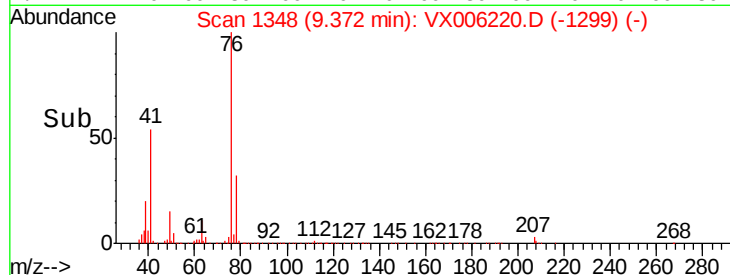
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 97.507 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006220.D

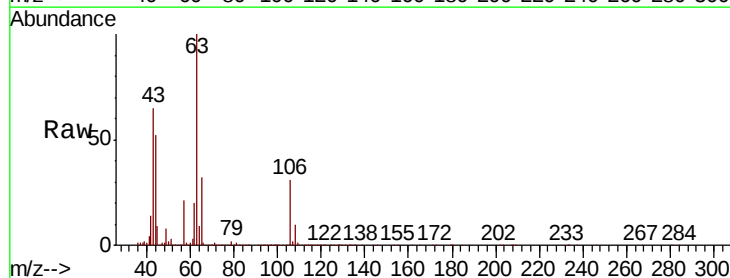
Acq: 30 Nov 2018 10:33

Tgt Ion: 63 Resp: 647149

Ion Ratio Lower Upper

63 100

106 31.2 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

400000

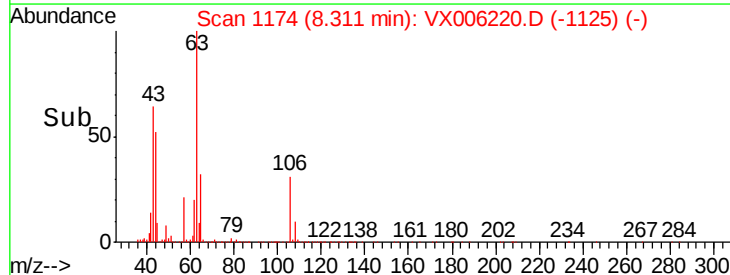
300000

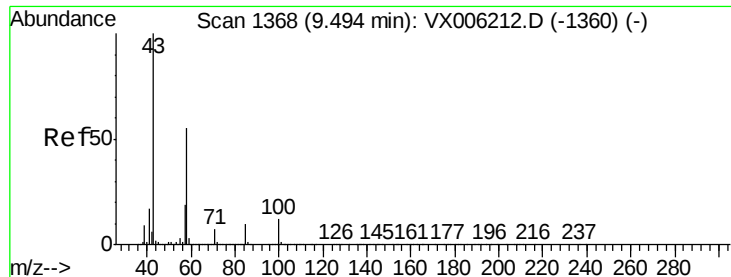
200000

100000

0

Time-->

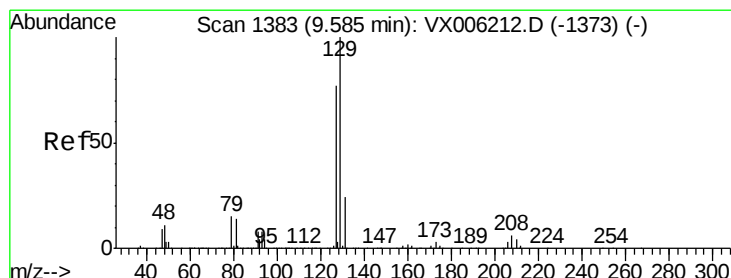
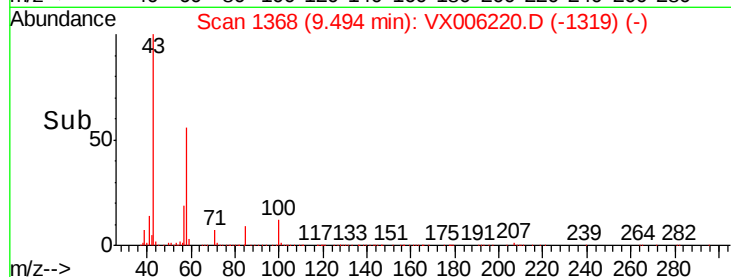
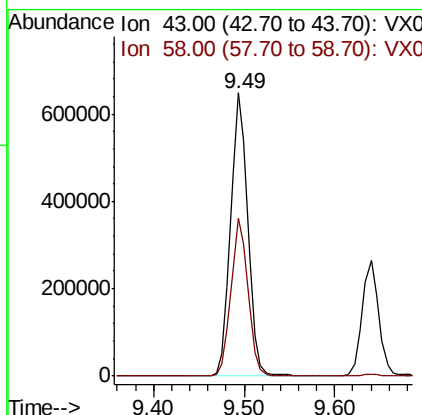
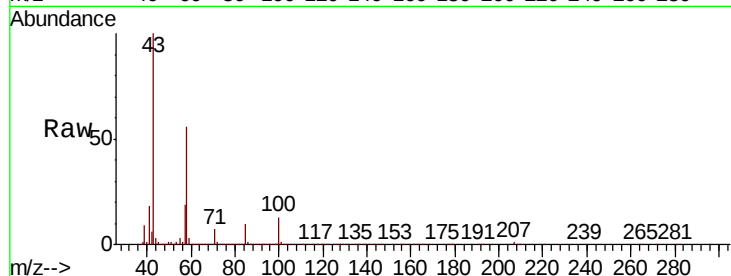




#59
2-Hexanone
Concen: 98.147 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

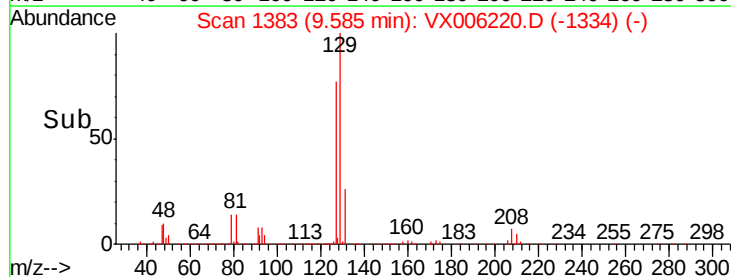
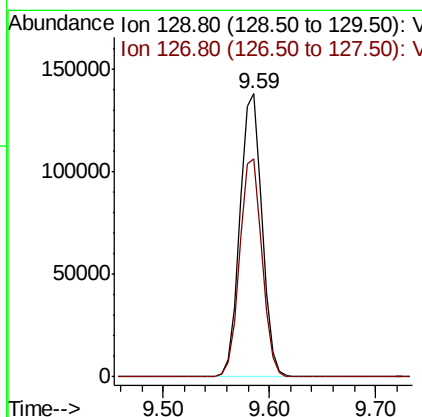
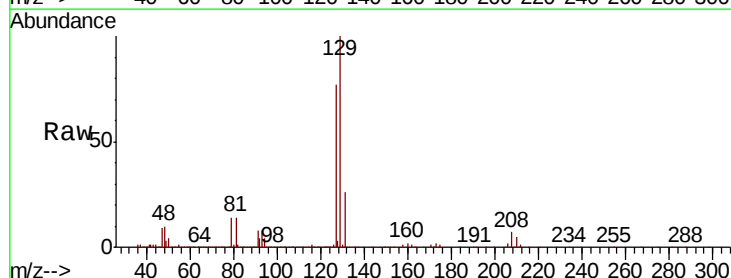
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

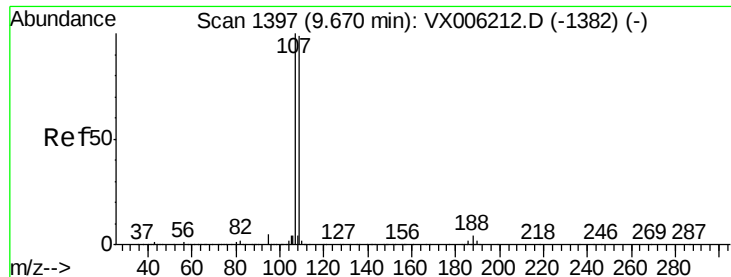
Tot Ion: 43 Resp: 851806
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 19.581 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 129 Resp: 202008
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.373 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

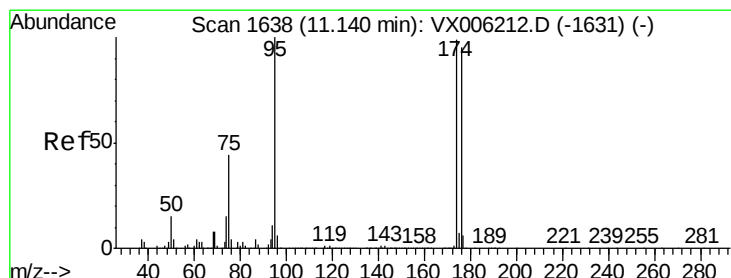
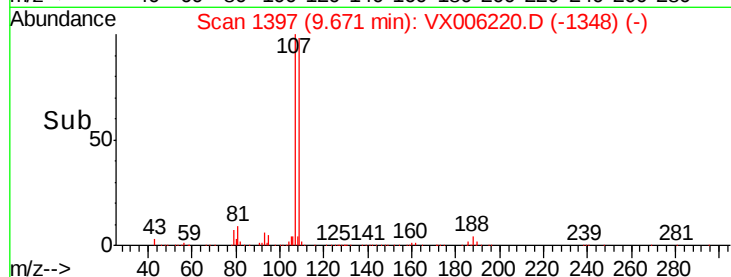
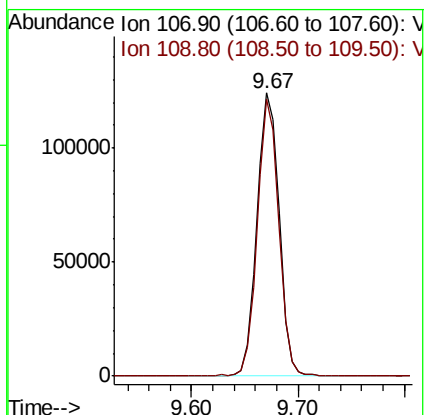
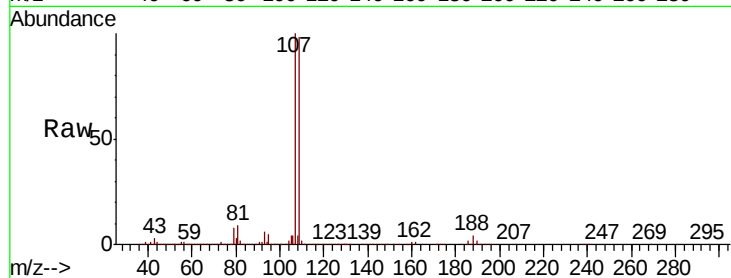
VX1130WBS01

Tot Ion:107 Resp: 181228

Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 49.674 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

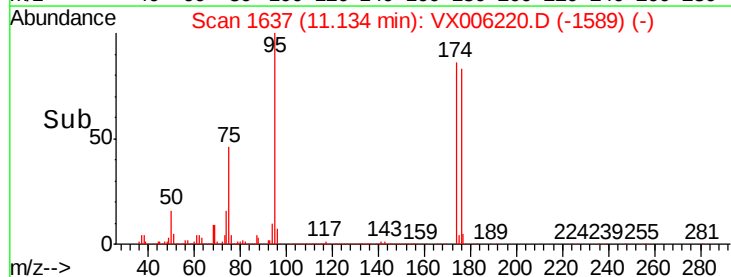
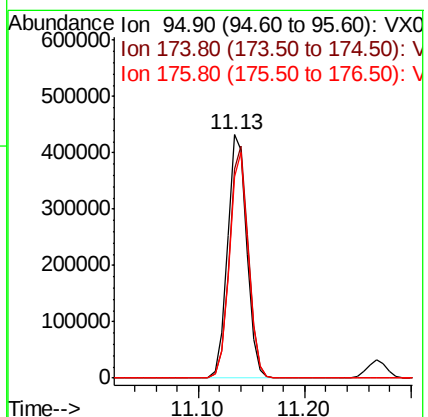
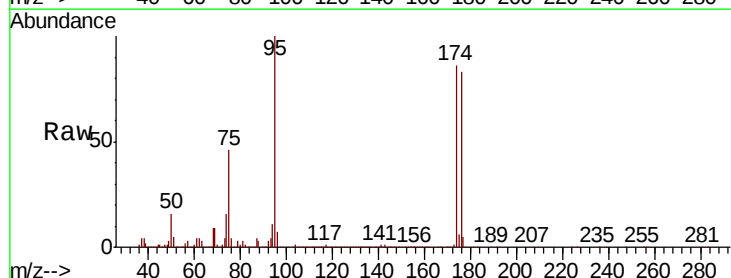
Tgt Ion: 95 Resp: 547108

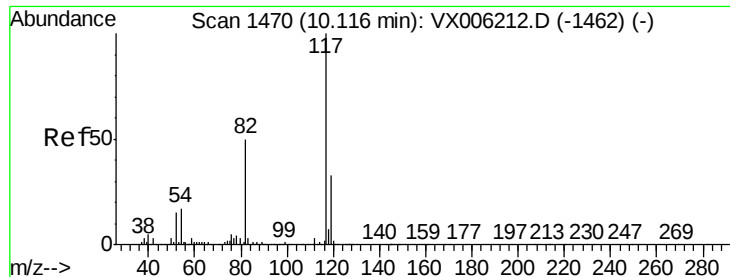
Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.0

176 90.9 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: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

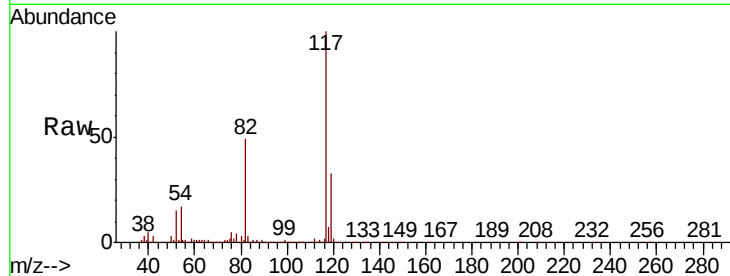
Tot Ion:117 Resp: 1118307

Ion Ratio Lower Upper

117 100

82 48.9 39.6 59.4

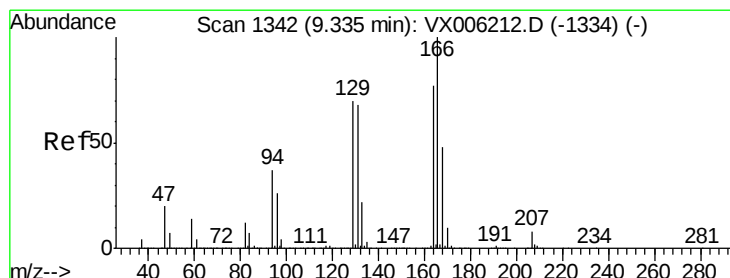
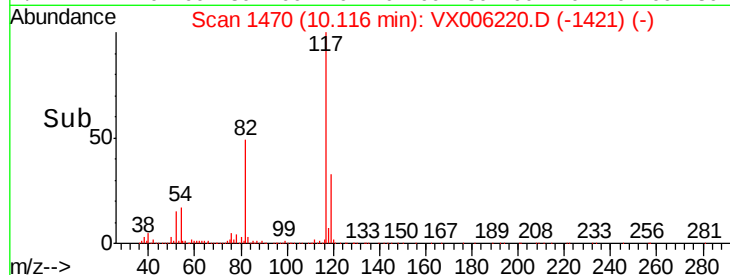
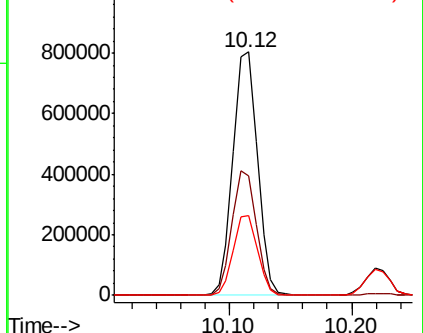
119 32.8 26.3 39.5



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: 19.481 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:164 Resp: 164069

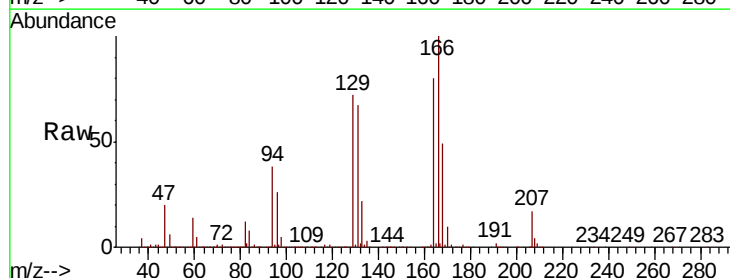
Ion Ratio Lower Upper

164 100

166 125.1 104.2 156.2

129 90.0 72.6 108.8

131 83.8 70.3 105.5

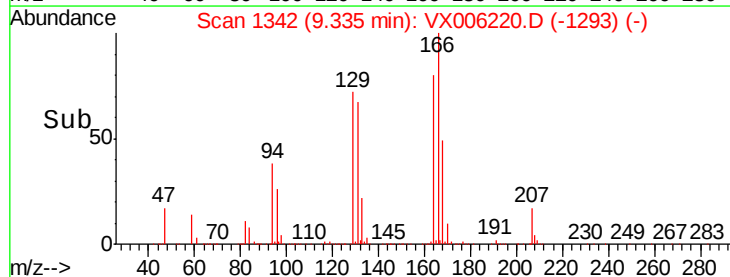
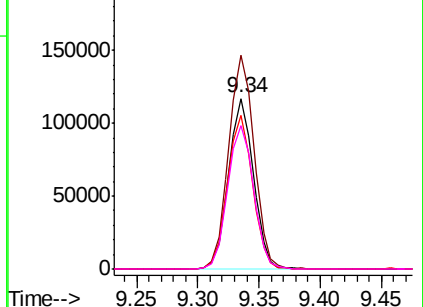


Abundance Ion 163.80 (163.50 to 164.50): V

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

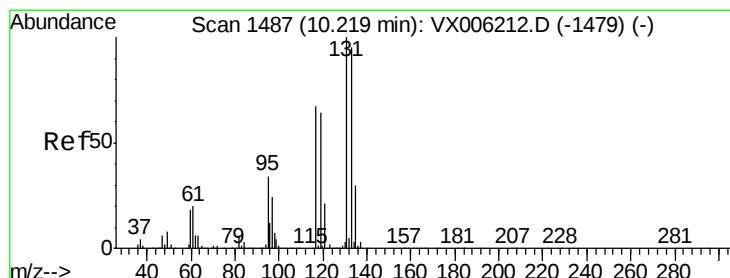
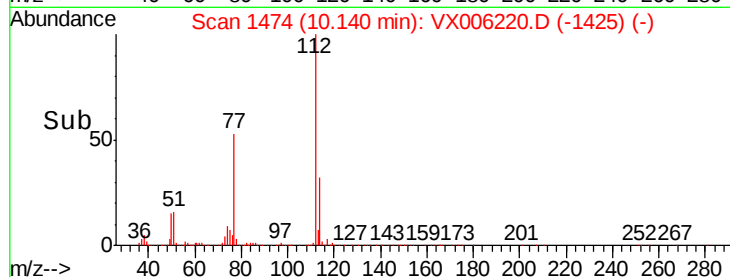
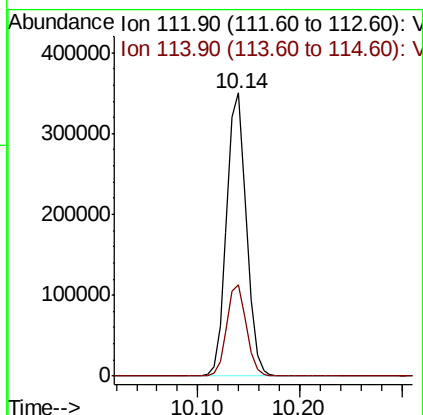
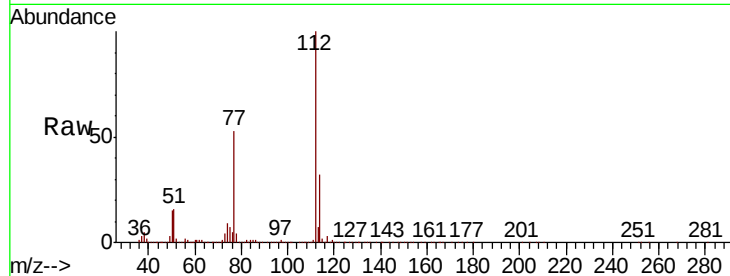




#65
Chlorobenzene
Concen: 19.746 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

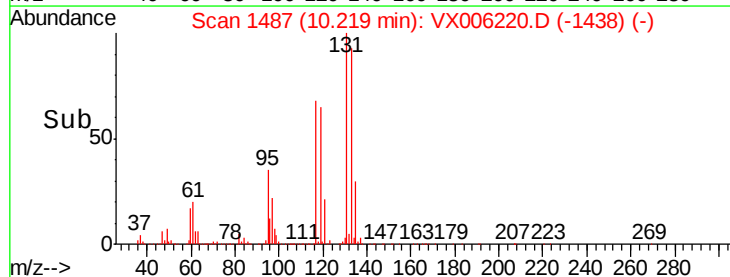
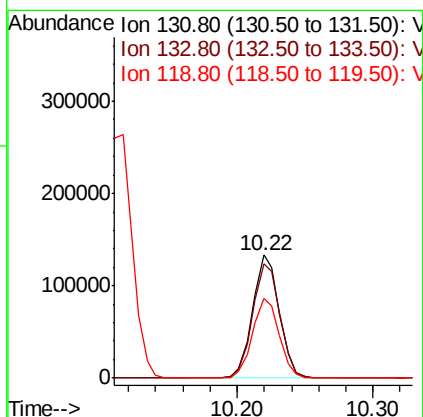
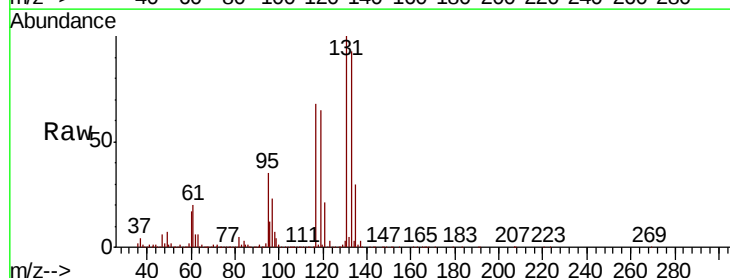
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

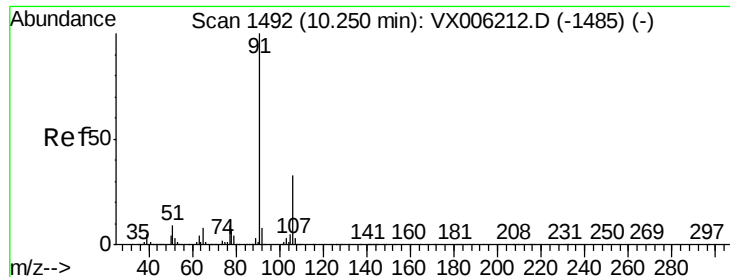
Tot Ion:112 Resp: 468753
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.838 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion:131 Resp: 182975
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.4
119 65.0 32.1 96.3





#67

Ethyl Benzene

Concen: 19.673 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

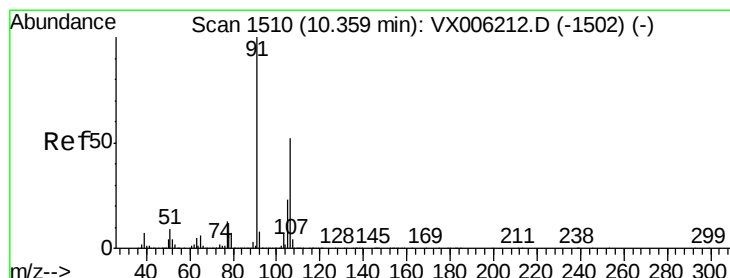
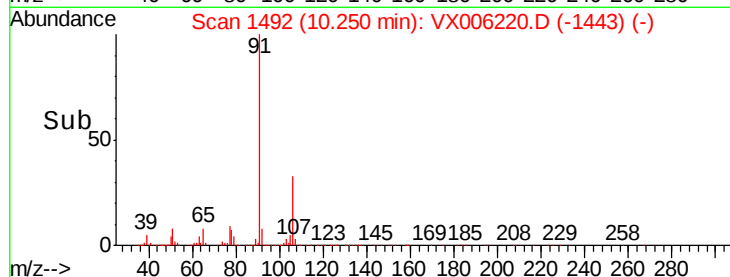
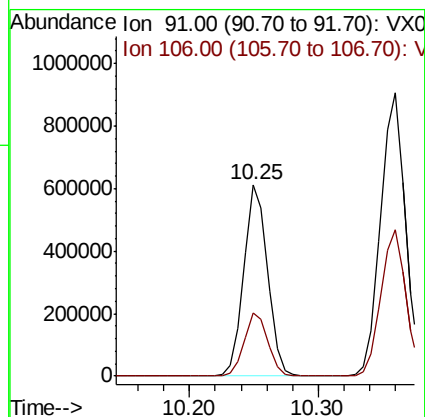
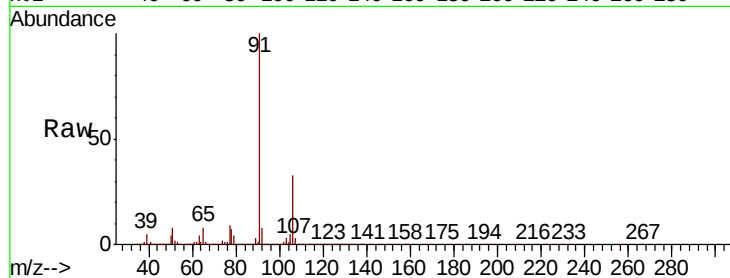
VX1130WBS01

Tot Ion: 91 Resp: 776738

Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7



#68

m/p-Xylenes

Concen: 39.302 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006220.D

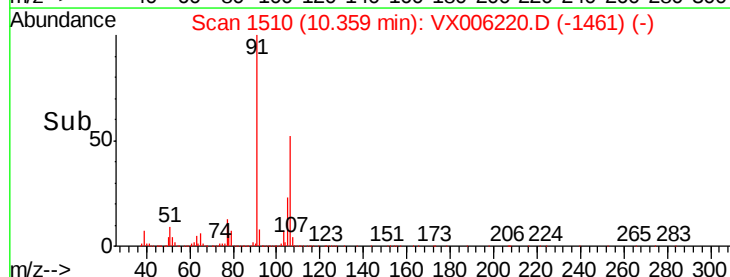
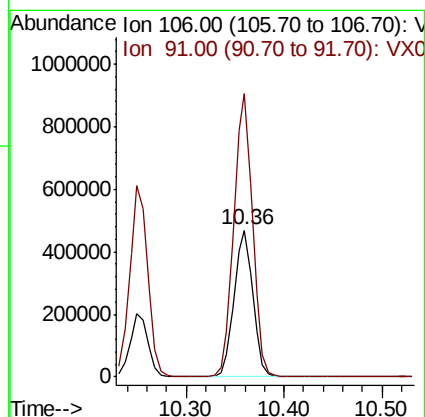
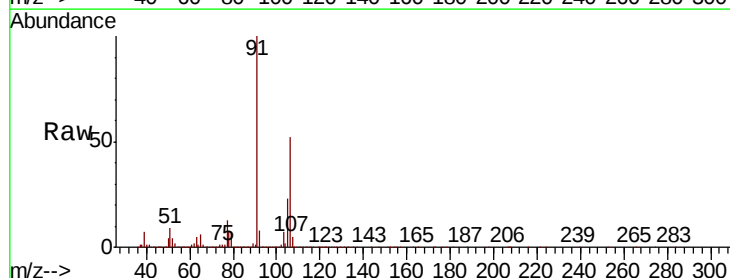
Acq: 30 Nov 2018 10:33

Tgt Ion: 106 Resp: 621591

Ion Ratio Lower Upper

106 100

91 193.0 155.2 232.8

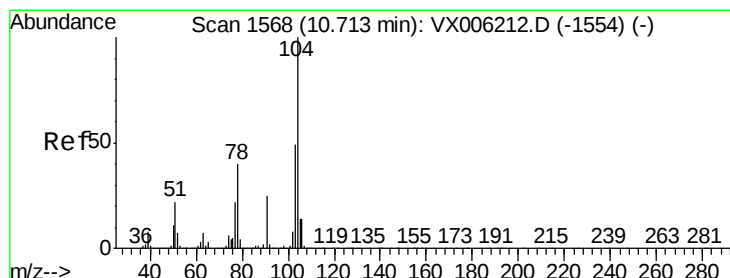
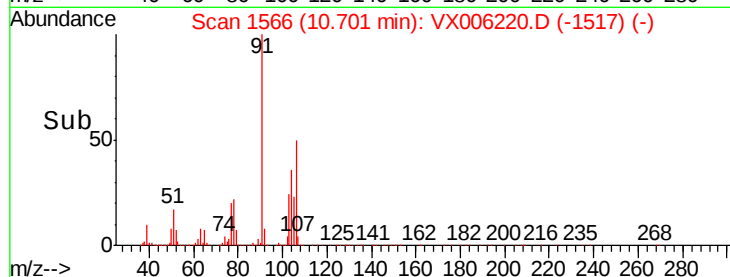
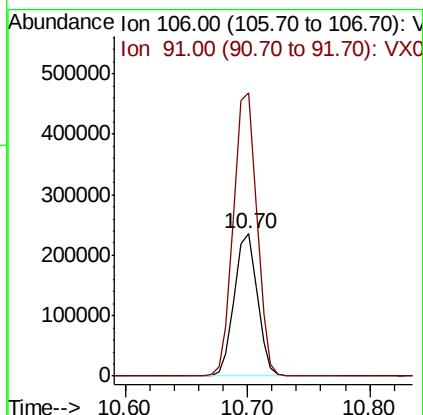
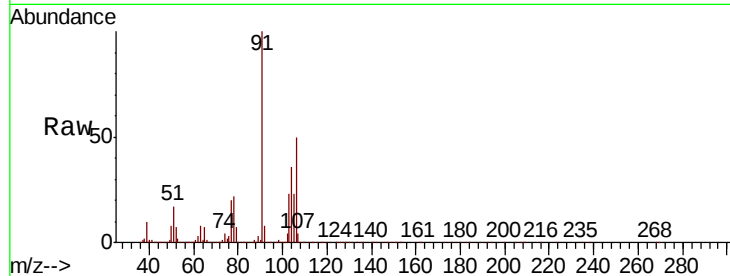




#69
o-Xylene
Concen: 19.570 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

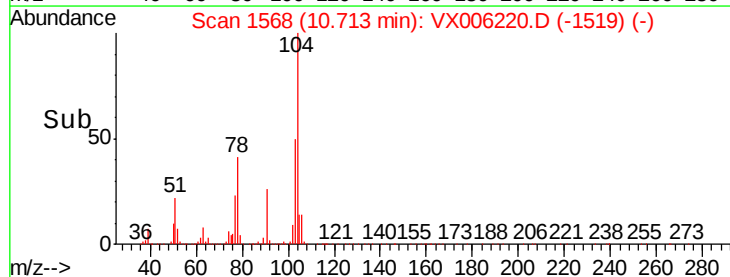
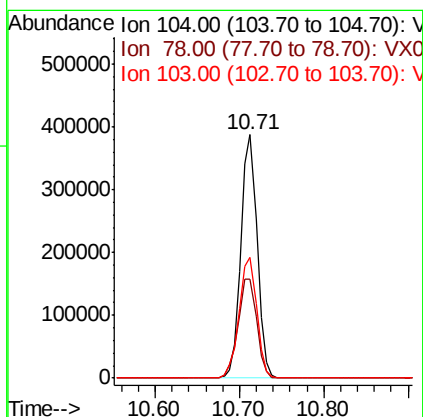
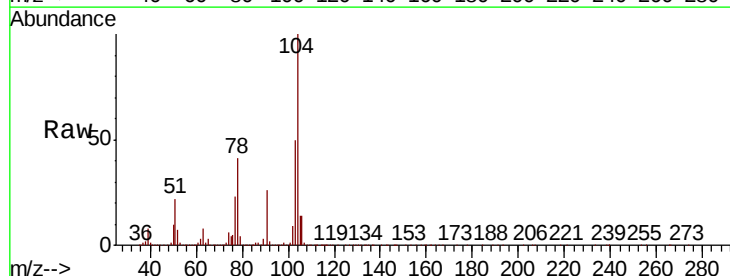
Instrument :
MSVOA_X
ClientSampled :
VX1130WBS01

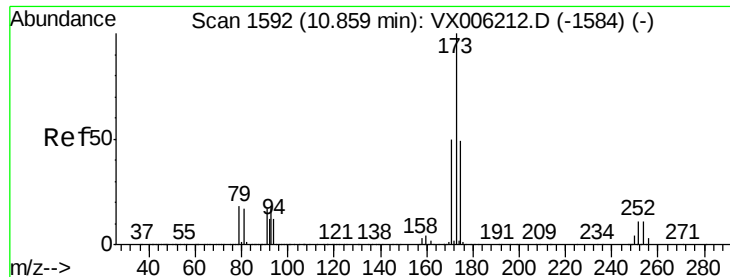
Tot Ion:106 Resp: 305726
Ion Ratio Lower Upper
106 100
91 202.3 101.8 305.6



#70
Styrene
Concen: 19.587 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion:104 Resp: 494901
Ion Ratio Lower Upper
104 100
78 47.4 37.2 55.8
103 54.4 43.5 65.3





#71

Bromoform

Concen: 19.919 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

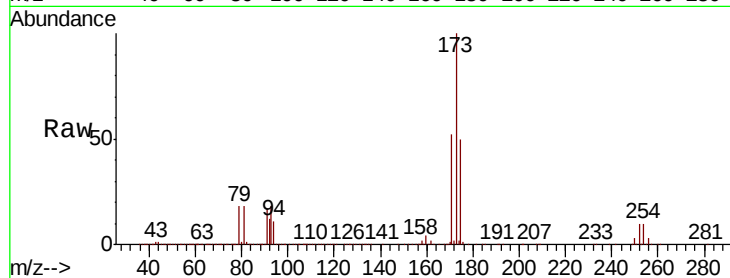
Tot Ion:173 Resp: 173428

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

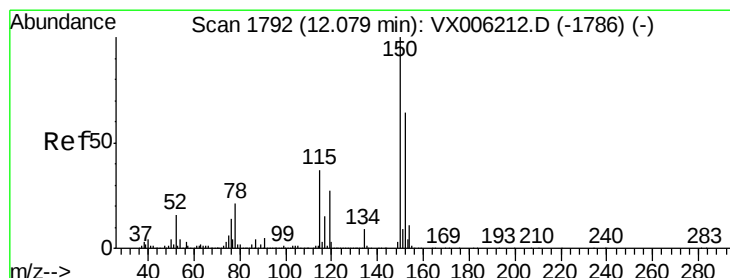
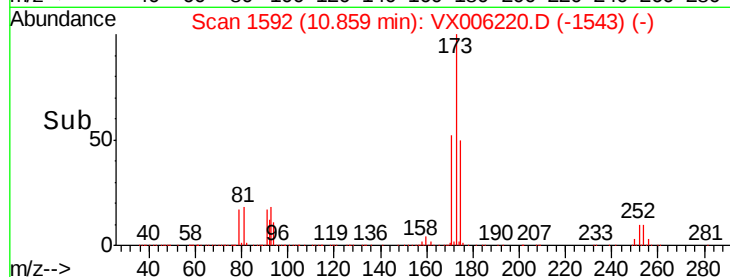
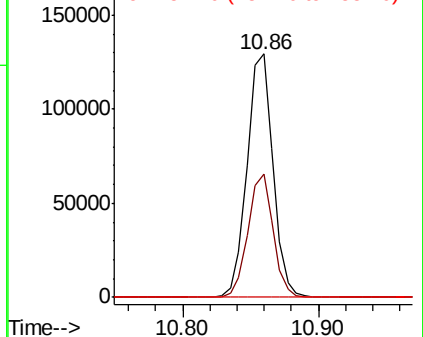
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

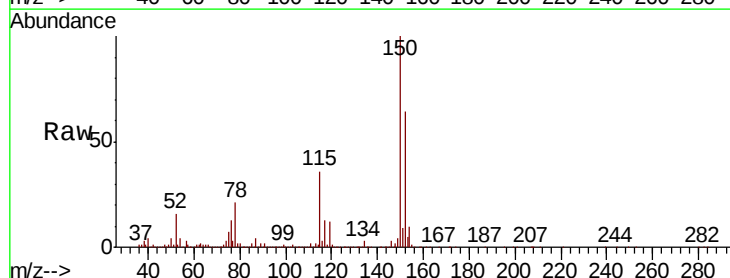
Tgt Ion:152 Resp: 584990

Ion Ratio Lower Upper

152 100

115 64.1 39.0 116.9

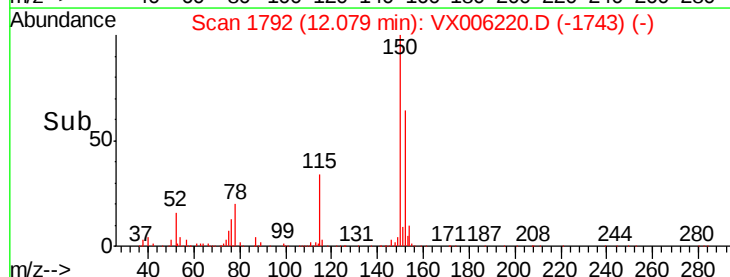
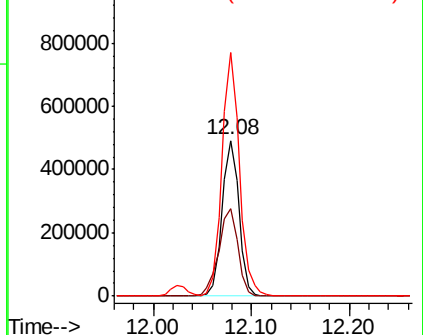
150 162.7 0.0 345.8

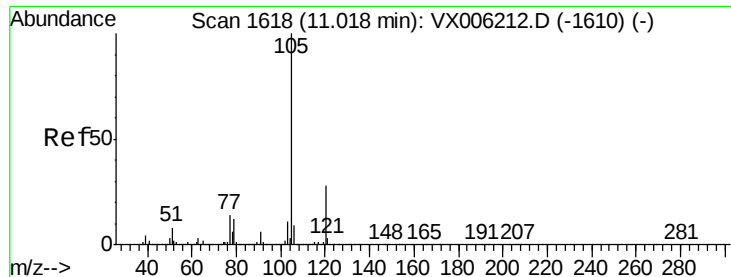


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.800 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

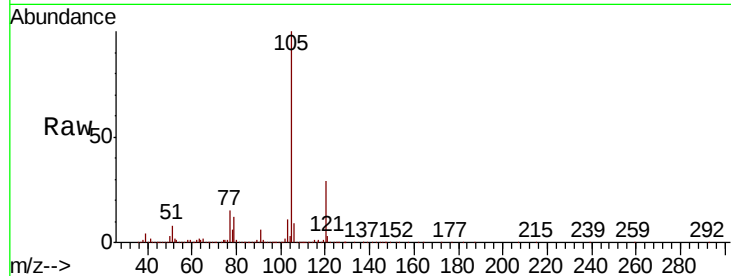
VX1130WBS01

Tot Ion:105 Resp: 799915

Ion Ratio Lower Upper

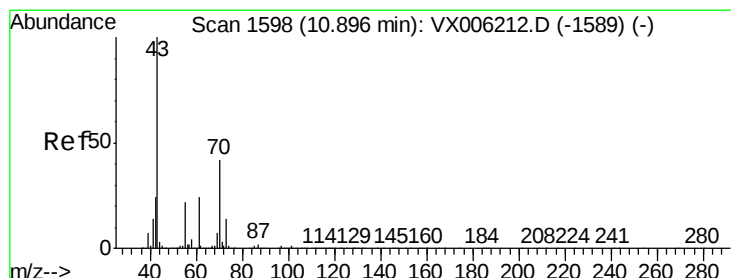
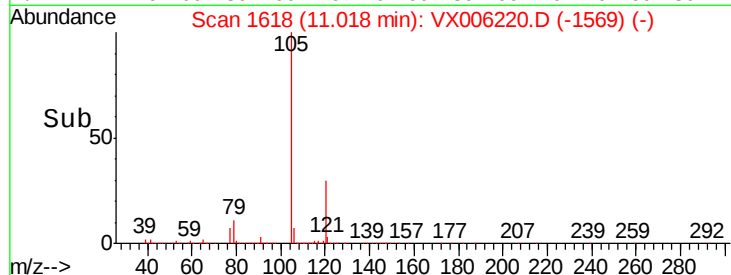
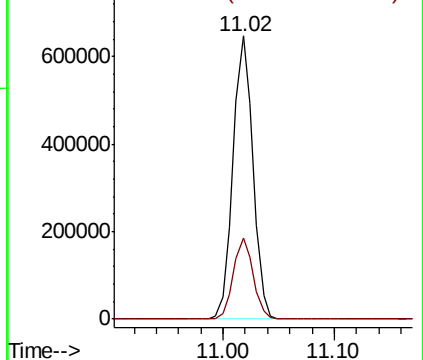
105 100

120 28.5 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: 19.297 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion: 43 Resp: 335705

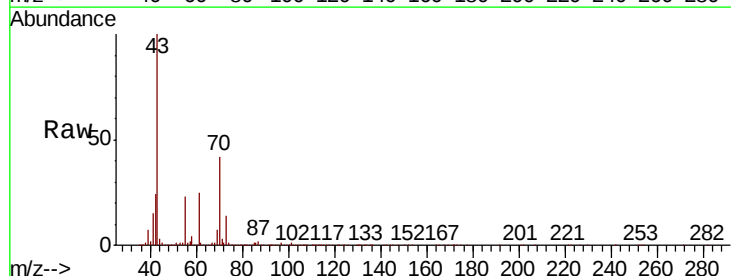
Ion Ratio Lower Upper

43 100

70 42.1 34.1 51.1

55 22.7 17.8 26.8

61 25.1 19.7 29.5

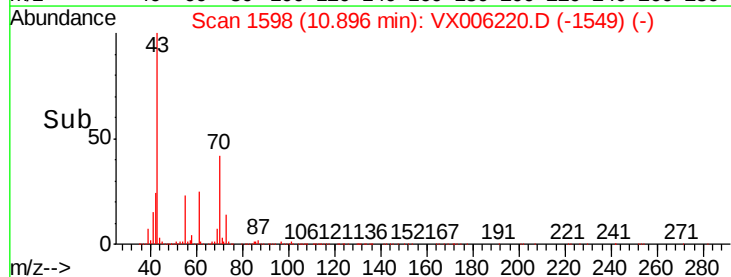
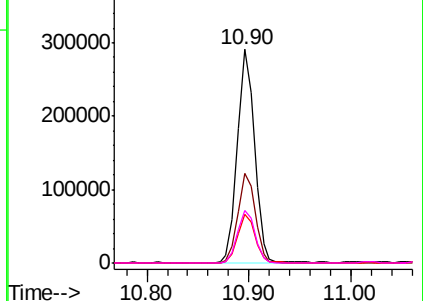


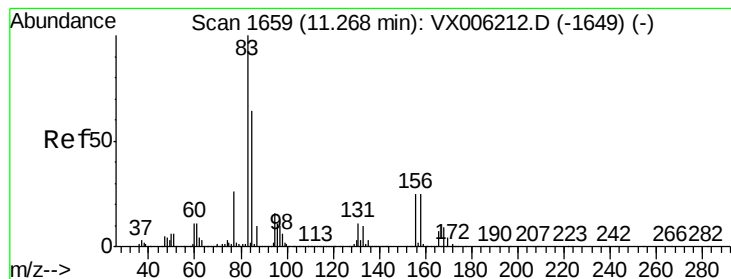
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.724 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

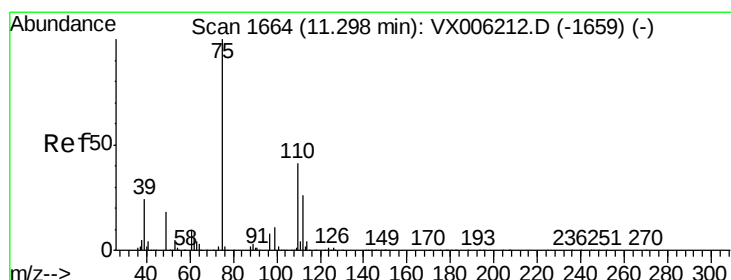
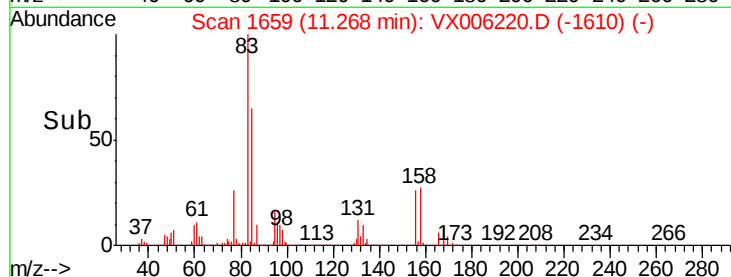
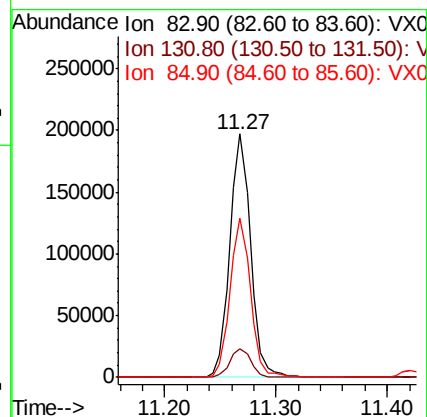
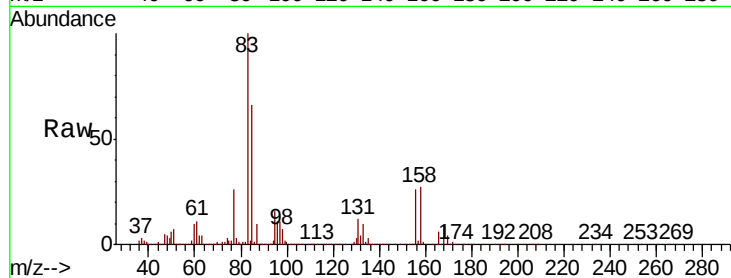
Tot Ion: 83 Resp: 254923

Ion Ratio Lower Upper

83 100

131 12.1 5.7 17.1

85 64.4 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 27.515 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006220.D

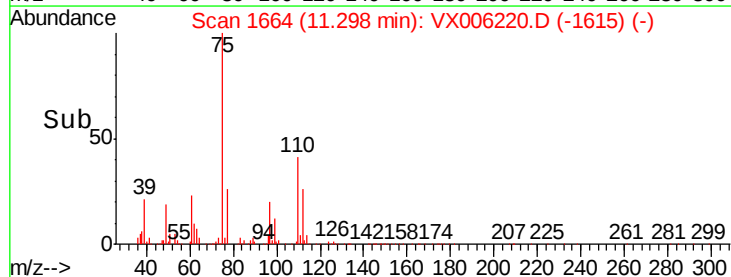
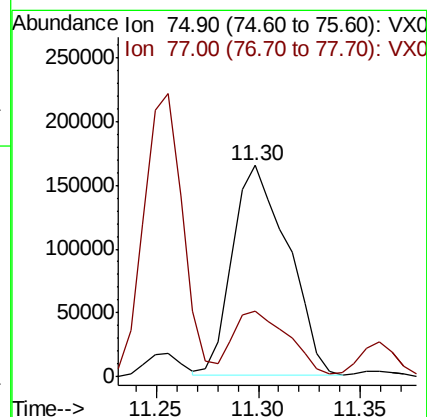
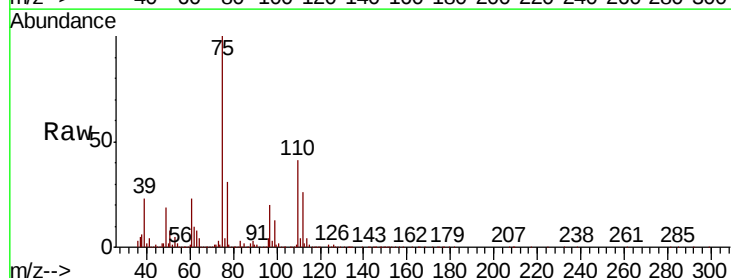
Acq: 30 Nov 2018 10:33

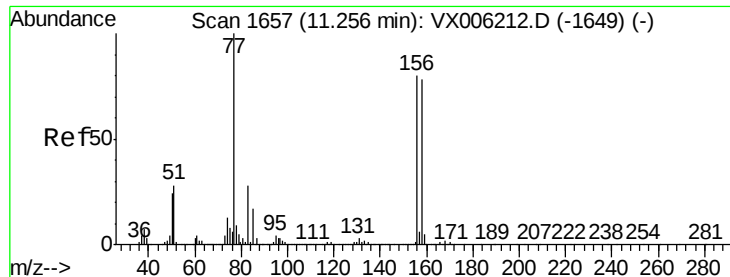
Tgt Ion: 75 Resp: 310678

Ion Ratio Lower Upper

75 100

77 30.8 19.9 59.7





#77

Bromobenzene

Concen: 19.727 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

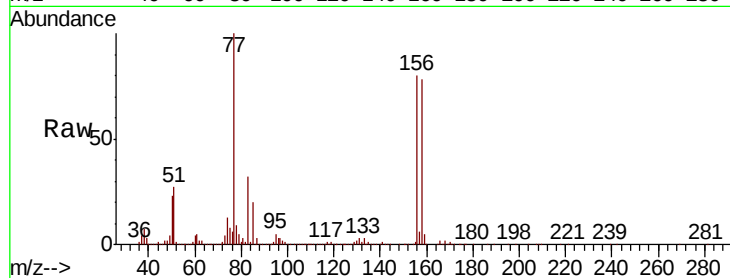
Tot Ion:156 Resp: 221161

Ion Ratio Lower Upper

156 100

77 133.8 66.2 198.6

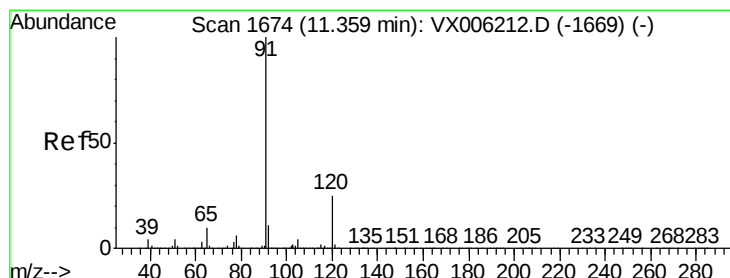
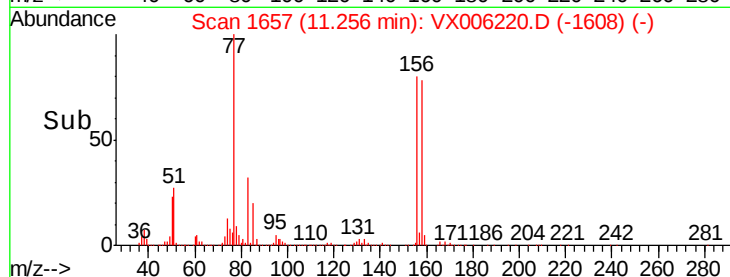
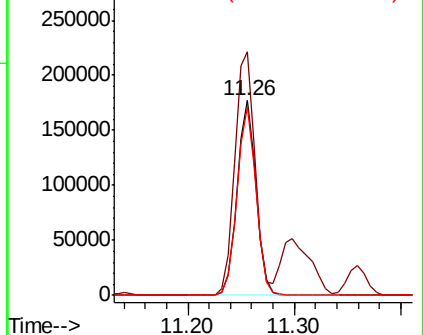
158 97.0 48.8 146.4



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: 19.738 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006220.D

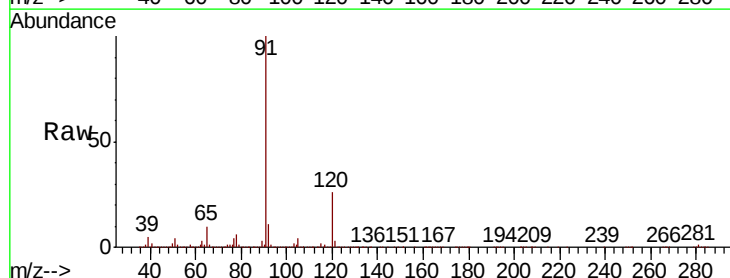
Acq: 30 Nov 2018 10:33

Tgt Ion: 91 Resp: 886370

Ion Ratio Lower Upper

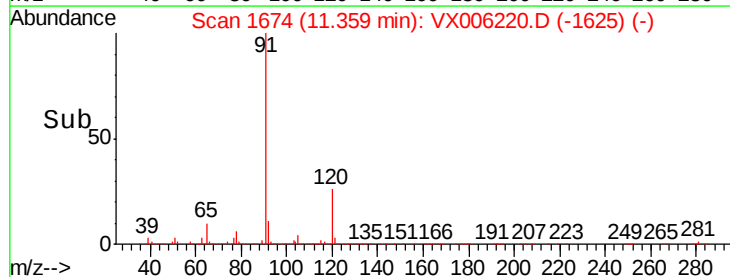
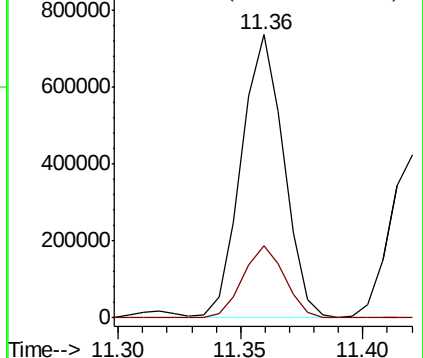
91 100

120 25.5 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: 19.760 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

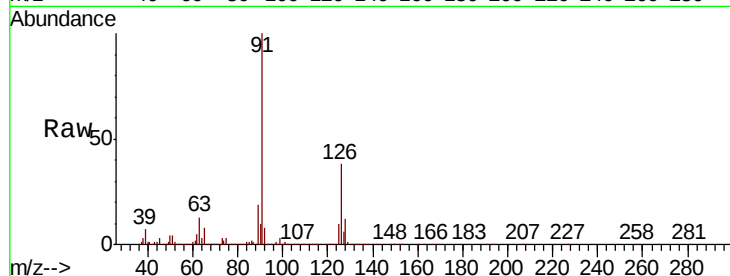
VX1130WBS01

Tot Ion: 91 Resp: 527402

Ion Ratio Lower Upper

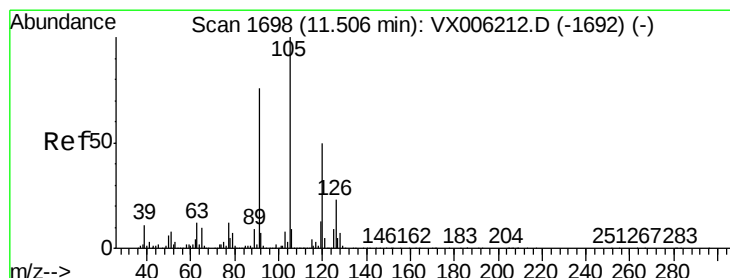
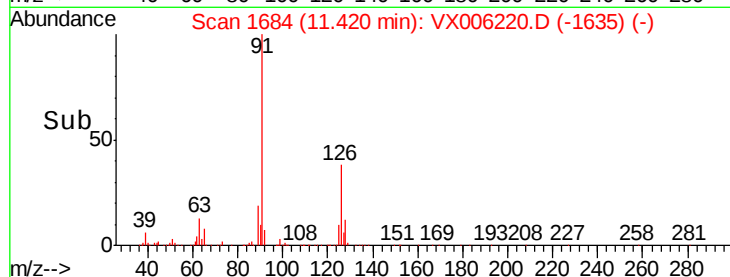
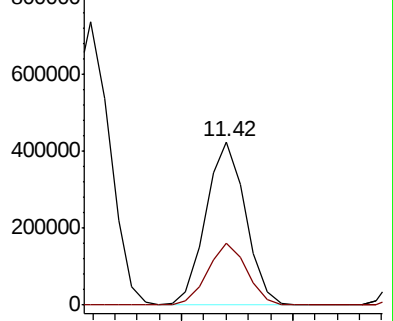
91 100

126 37.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006212.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.769 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006220.D

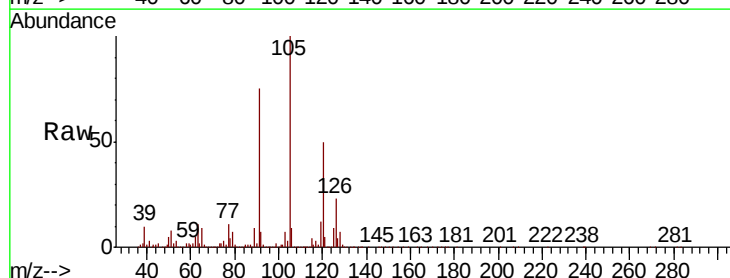
Acq: 30 Nov 2018 10:33

Tgt Ion: 105 Resp: 664509

Ion Ratio Lower Upper

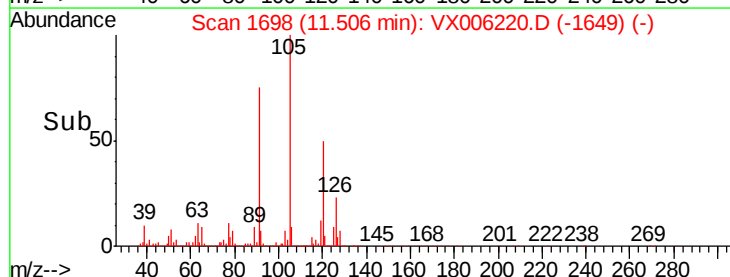
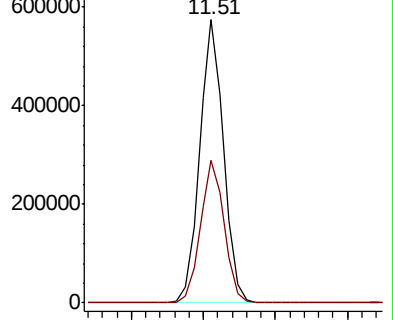
105 100

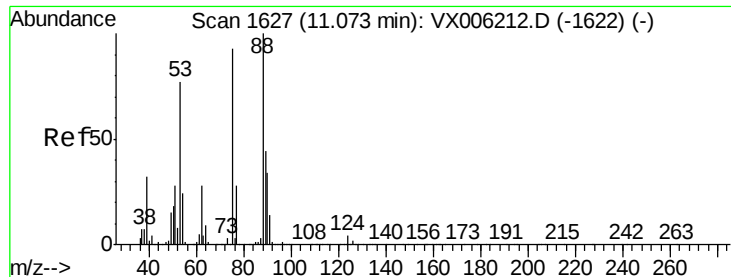
120 50.1 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): VX006212.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006212.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.781 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

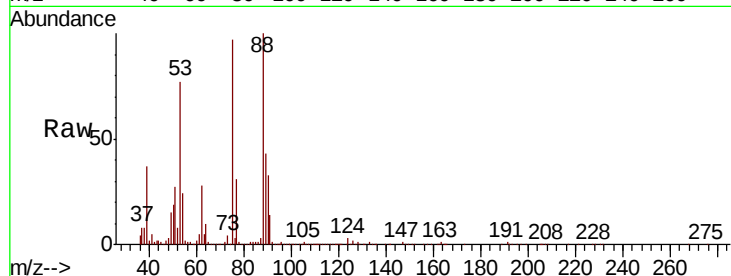
Tot Ion: 75 Resp: 95176

Ion Ratio Lower Upper

75 100

53 81.5 64.4 96.6

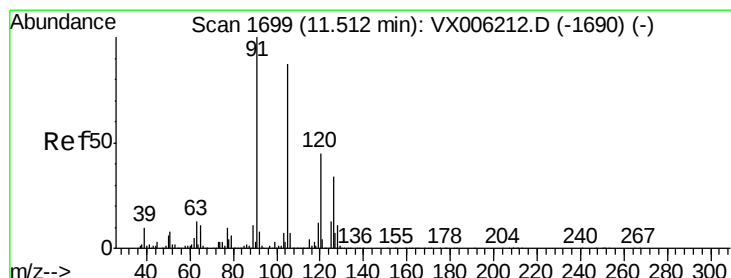
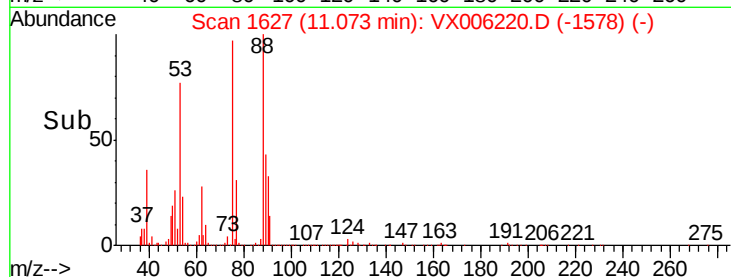
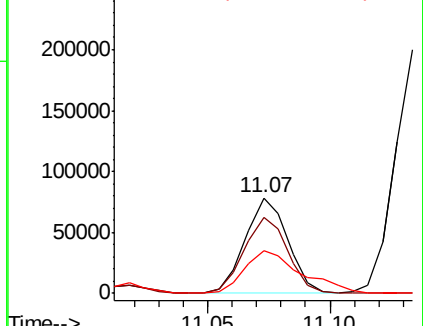
89 60.3 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.549 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006220.D

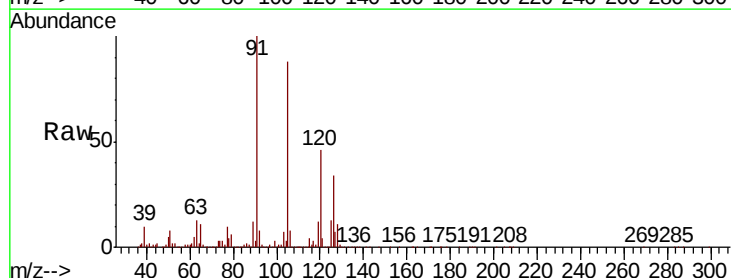
Acq: 30 Nov 2018 10:33

Tgt Ion: 91 Resp: 606656

Ion Ratio Lower Upper

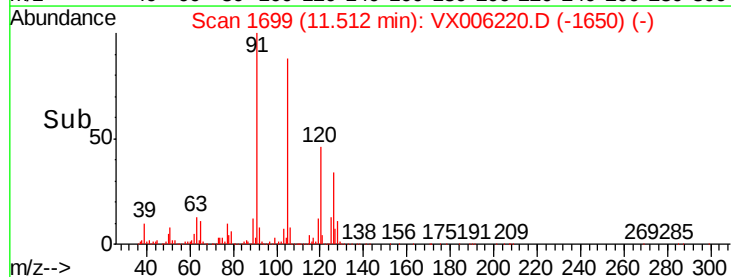
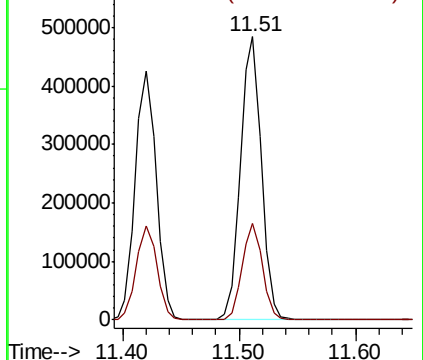
91 100

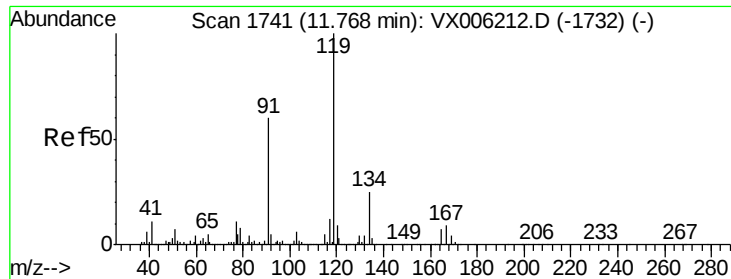
126 33.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

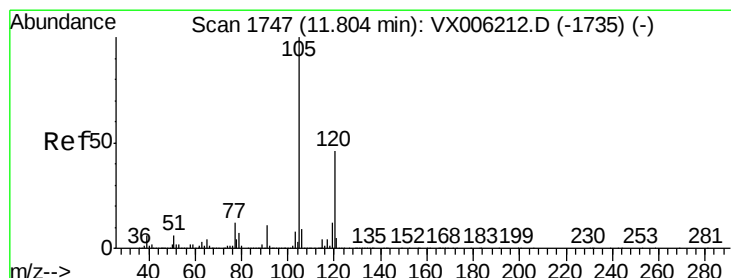
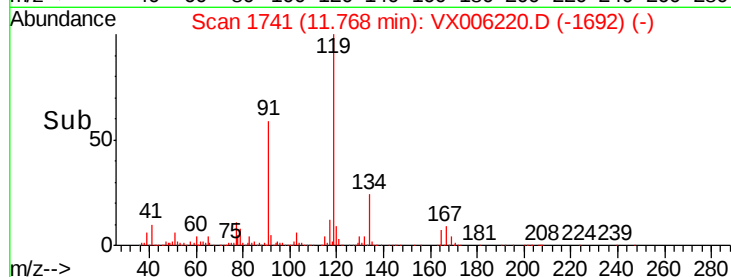
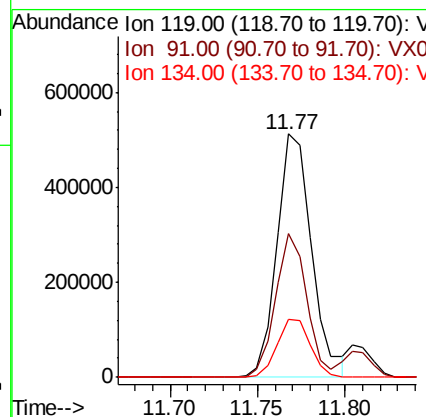
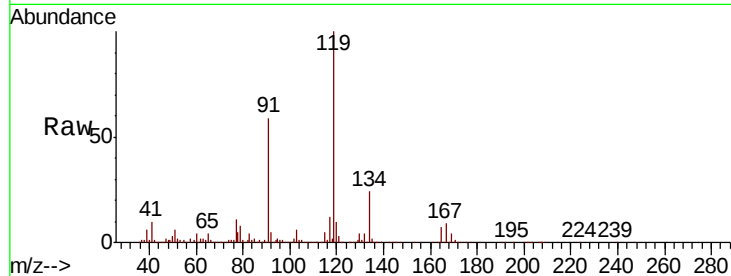




#83
tert-Butylbenzene
Concen: 19.780 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

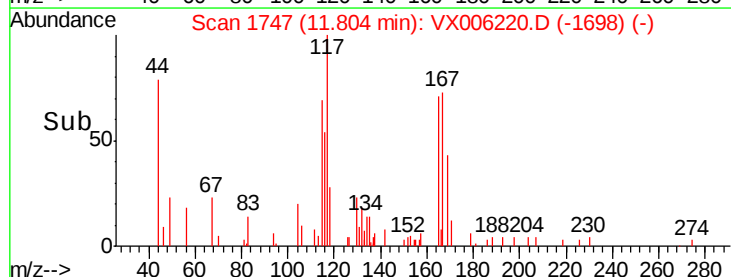
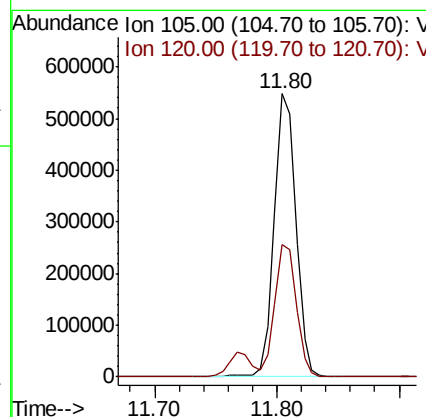
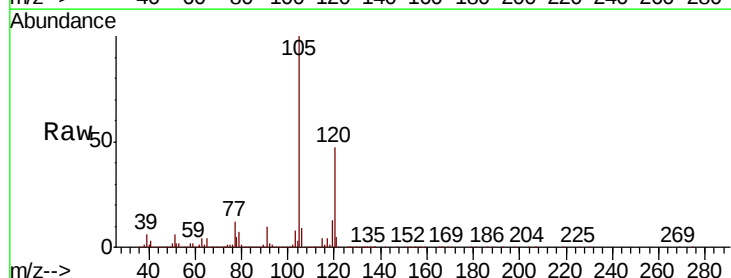
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

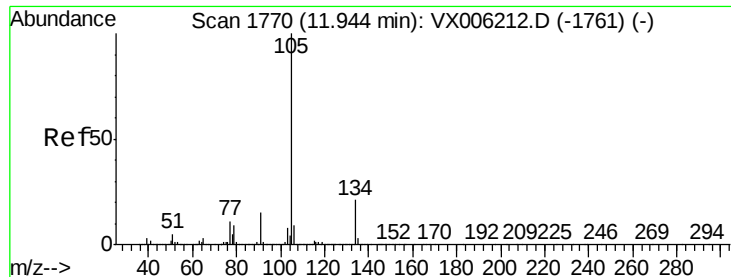
Tot Ion:119 Resp: 709393
Ion Ratio Lower Upper
119 100
91 52.8 26.4 79.2
134 22.9 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 19.455 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion:105 Resp: 675236
Ion Ratio Lower Upper
105 100
120 46.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.566 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

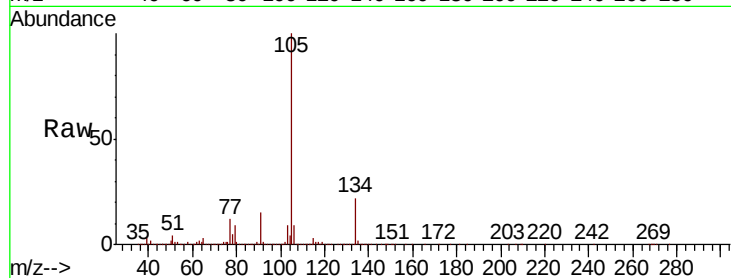
VX1130WBS01

Tot Ion:105 Resp: 798306

Ion Ratio Lower Upper

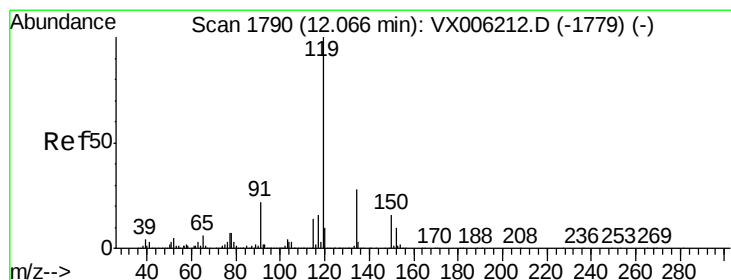
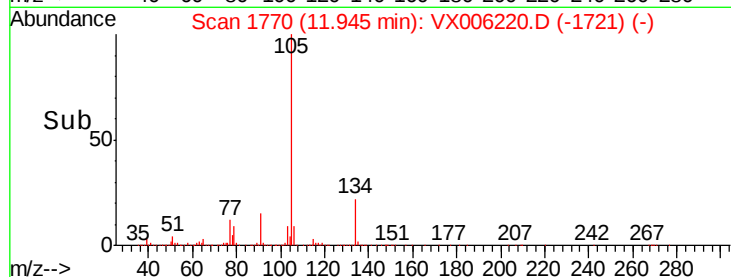
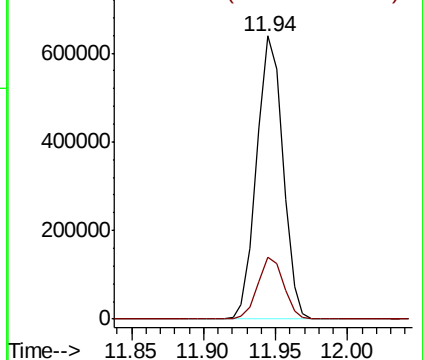
105 100

134 21.7 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.628 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

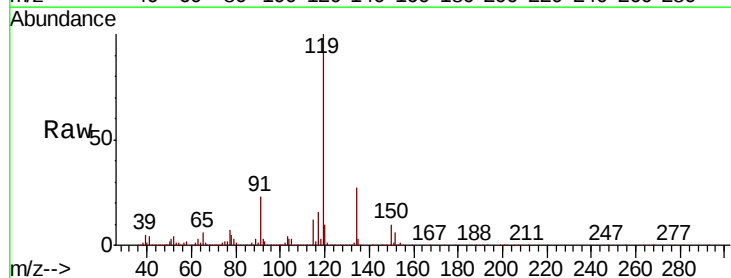
Tgt Ion:119 Resp: 721117

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

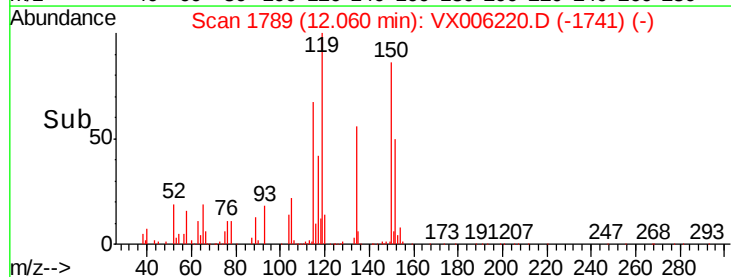
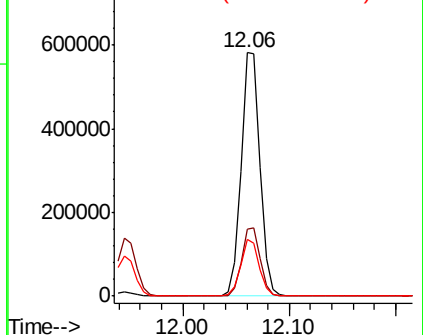
91 22.7 11.3 33.8

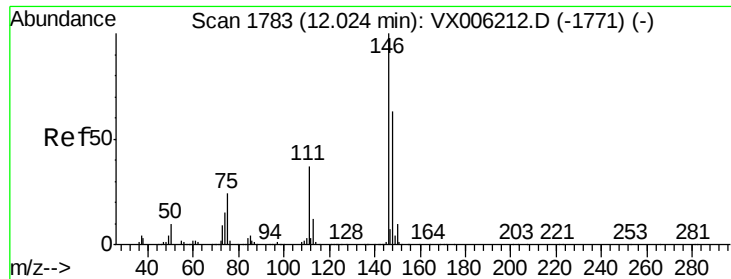


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

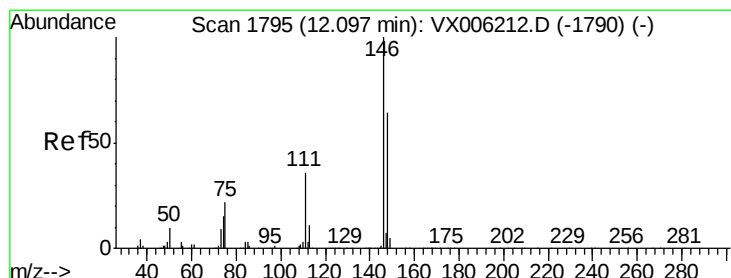
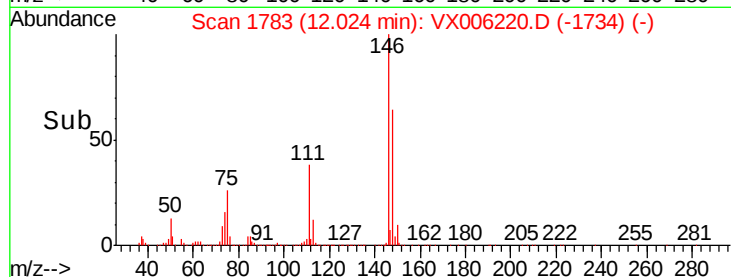
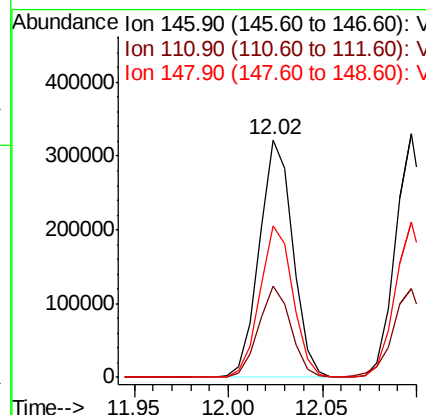
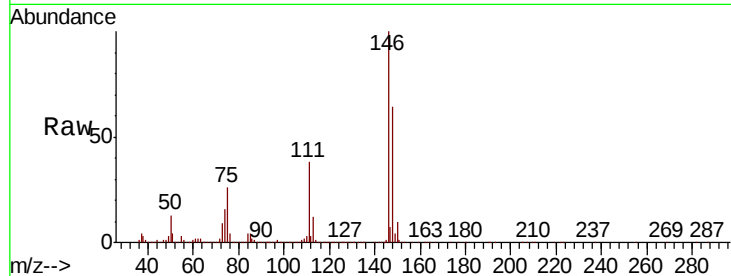




#87
 1,3-Dichlorobenzene
 Concen: 19.876 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

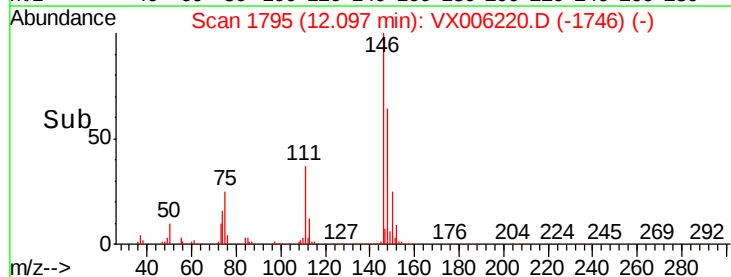
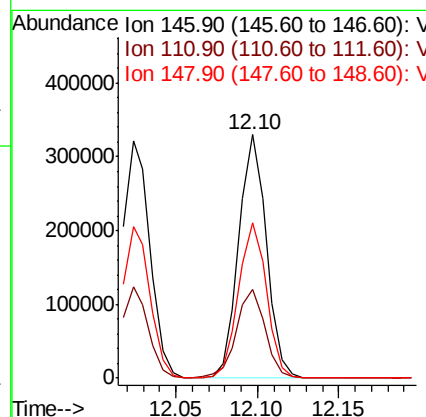
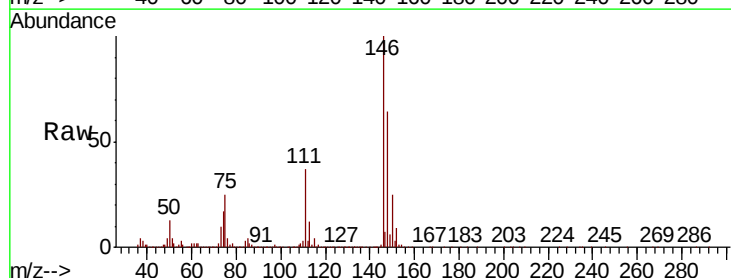
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

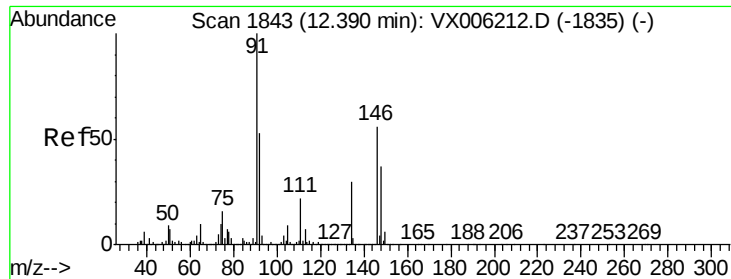
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	63.1	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.176 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.3	54.8
148	65.0	31.9	95.9

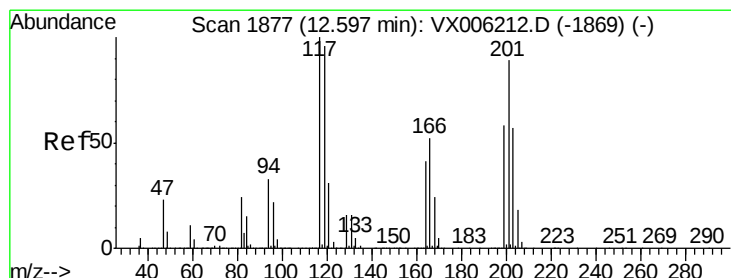
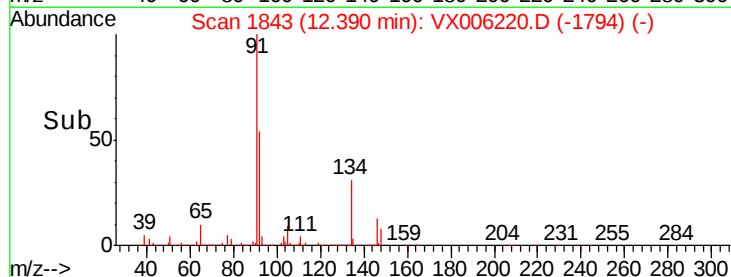
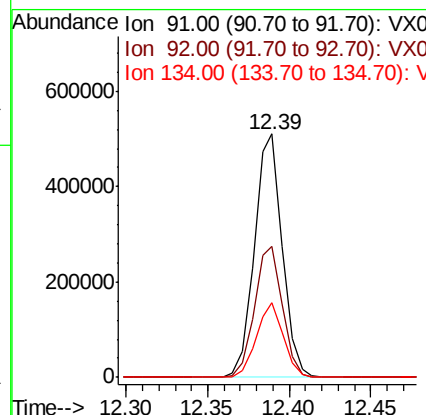
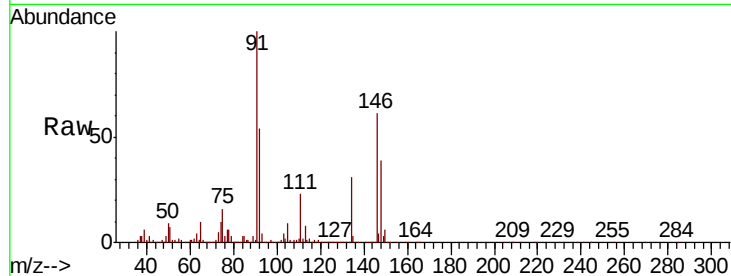




#89
n-Butylbenzene
Concen: 19.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

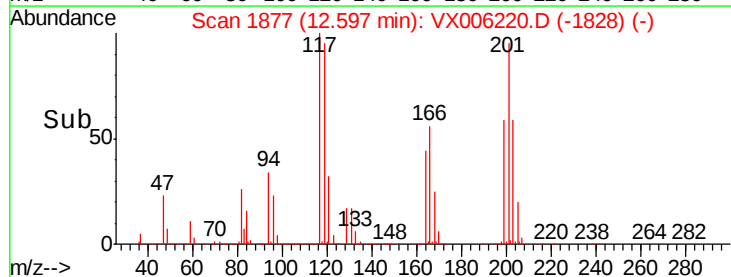
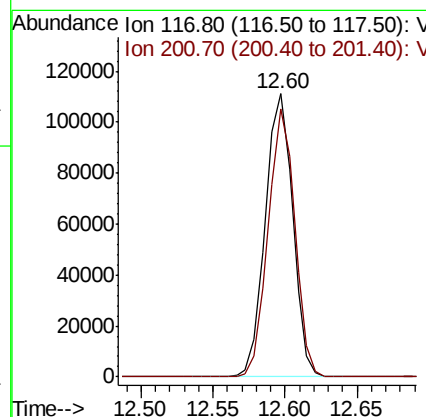
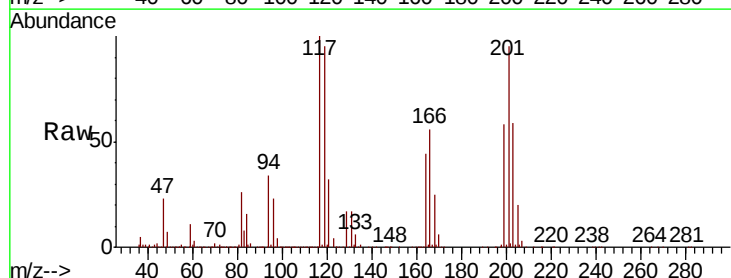
Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

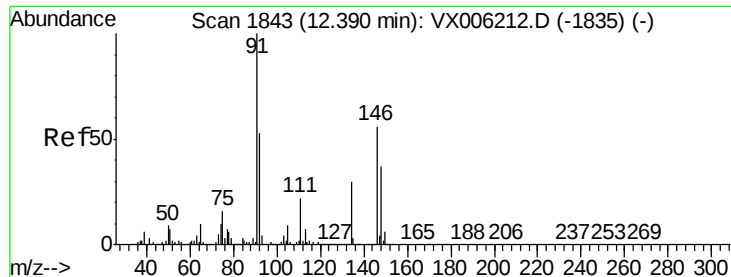
Tot Ion: 91 Resp: 604016
Ion Ratio Lower Upper
91 100
92 54.1 26.6 79.8
134 29.6 14.8 44.3



#90
Hexachloroethane
Concen: 19.489 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 117 Resp: 145928
Ion Ratio Lower Upper
117 100
201 92.1 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 19.769 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

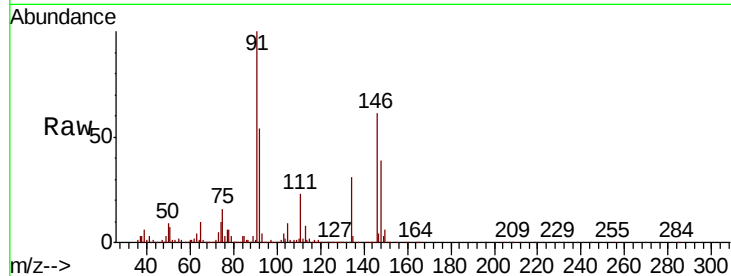
Tot Ion:146 Resp: 391395

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.3

148 63.9 32.1 96.3

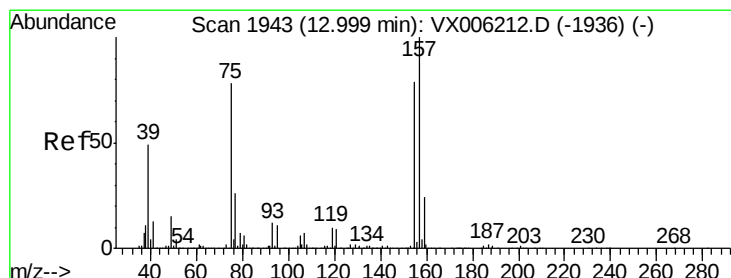
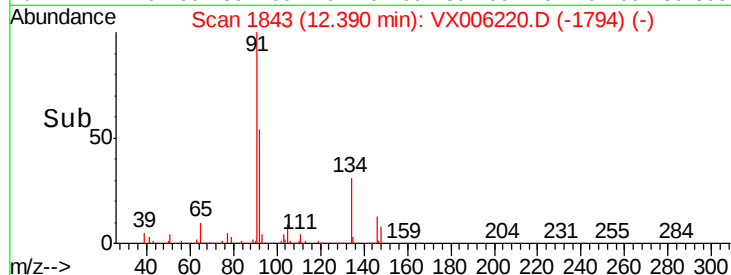
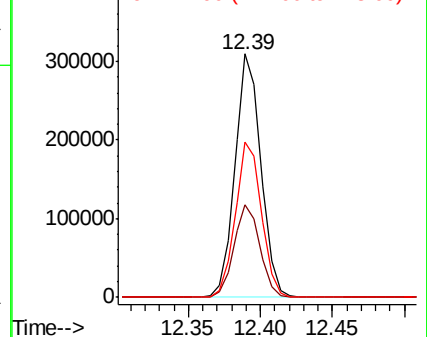


Abundance

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: 18.395 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

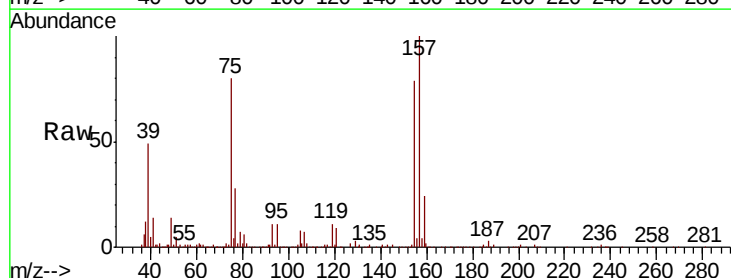
Tgt Ion: 75 Resp: 60943

Ion Ratio Lower Upper

75 100

155 104.6 53.4 160.3

157 136.7 68.0 203.8

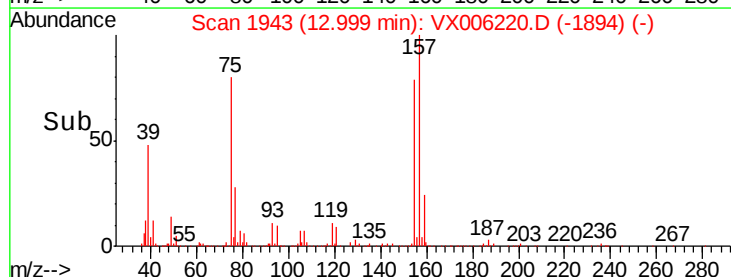
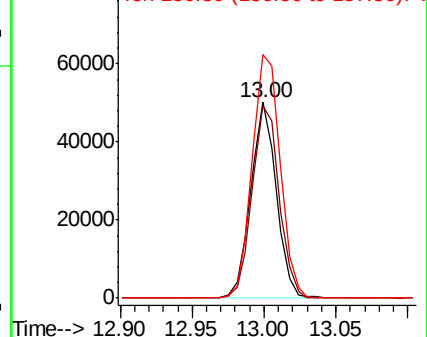


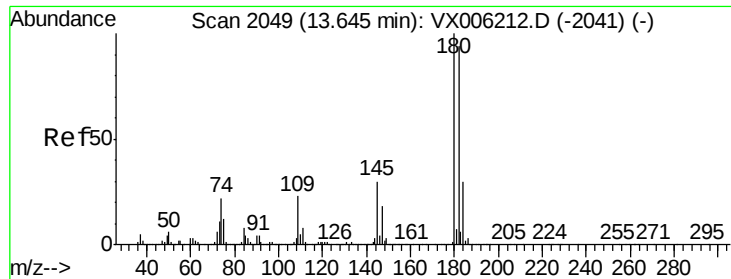
Abundance

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

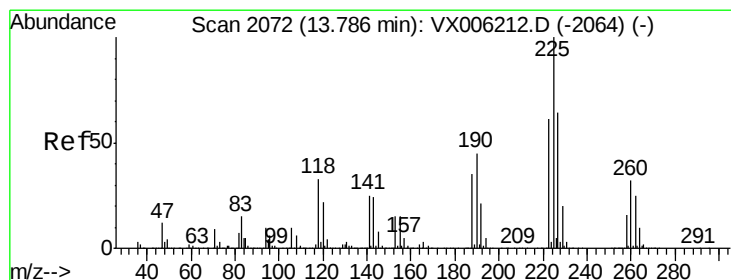
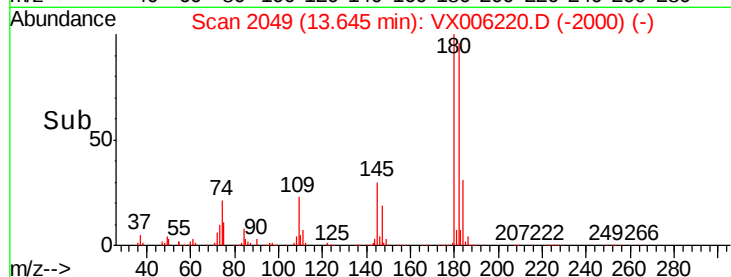
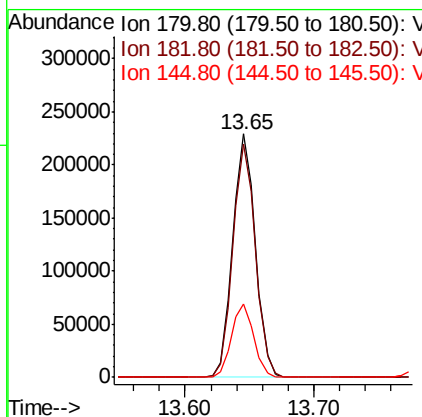
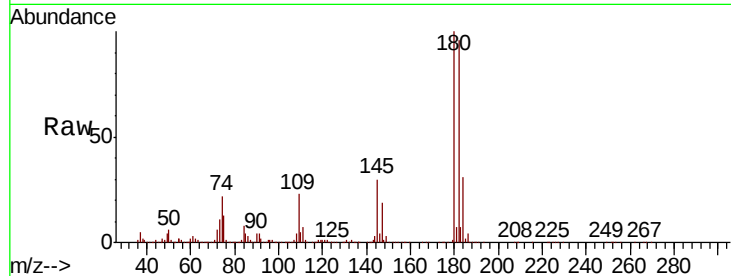




#93
 1,2,4-Trichlorobenzene
 Concen: 19.533 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

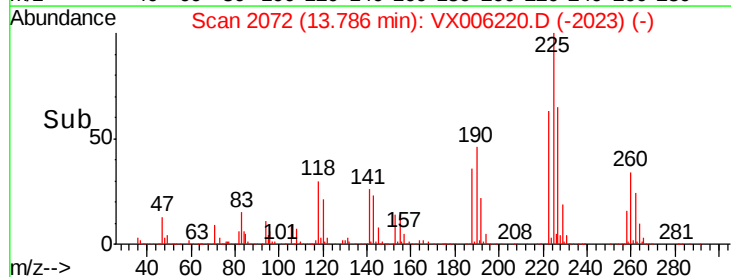
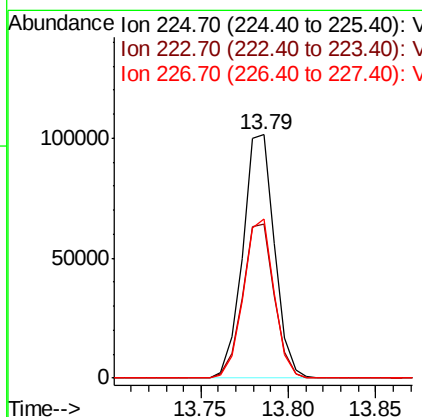
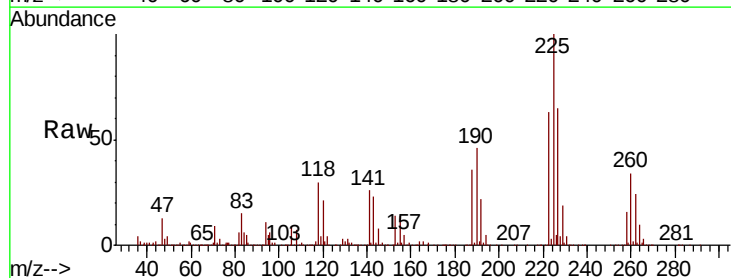
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

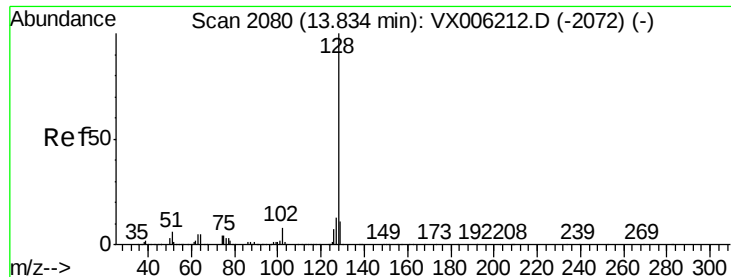
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.9
145	29.7	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 19.902 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.2	93.6
227	63.1	31.9	95.5





#95

Naphthalene

Concen: 19.321 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

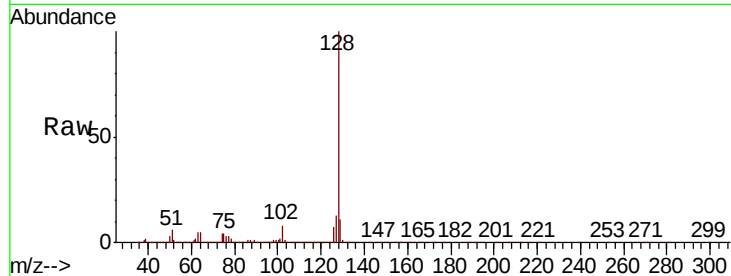
Tot Ion:128 Resp: 868117

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.0 8.9 13.3

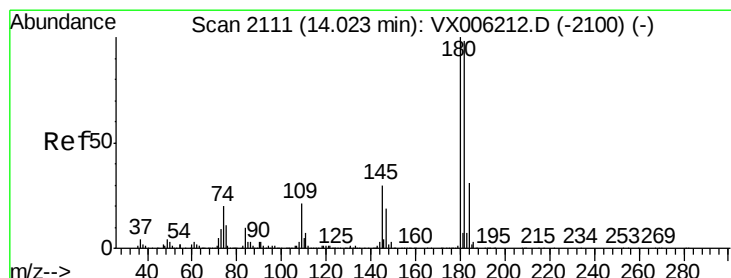
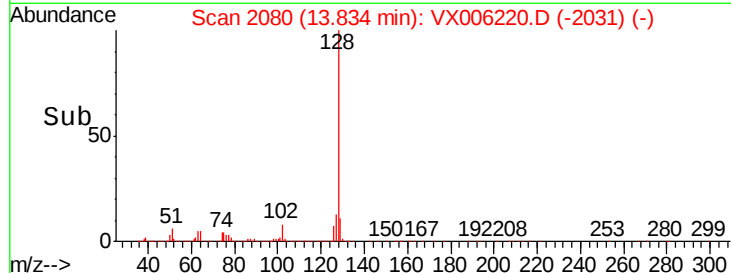
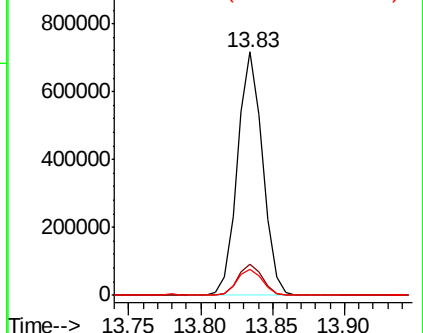


Abundance

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: 19.529 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

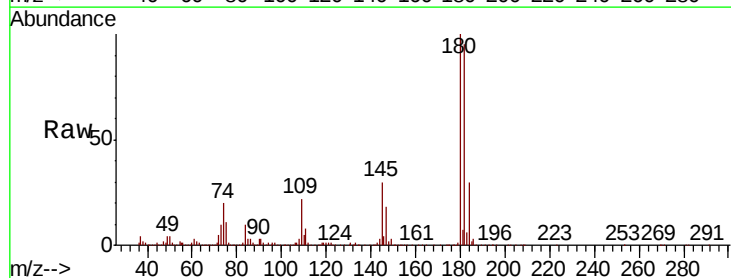
Tgt Ion:180 Resp: 279390

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.2

145 31.2 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

