

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001010.D
 Acq On : 20 Apr 2018 15:52
 Operator : JC/MD
 Sample : VX0420MBSD01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:34:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210184	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	142176	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.51	113	116208	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.72	98	420183	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
62) 4-Bromofluorobenzene	11.14	95	175450	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	63142	21.86	ug/l	97
3) Chloromethane	1.32	50	53480	19.89	ug/l	98
4) Vinyl Chloride	1.41	62	56395	20.23	ug/l	98
5) Bromomethane	1.65	94	38462	21.74	ug/l	97
6) Chloroethane	1.73	64	32924	19.88	ug/l	96
7) Trichlorofluoromethane	1.93	101	84540	20.19	ug/l	99
8) Diethyl Ether	2.19	74	31267	20.22	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48654	19.83	ug/l	100
10) Methyl Iodide	2.52	142	36772	20.48	ug/l	99
11) Tert butyl alcohol	3.07	59	45898	103.10	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45452	20.03	ug/l	100
13) Acrolein	2.30	56	16384	123.90	ug/l	94
14) Allyl chloride	2.73	41	80859	19.69	ug/l	99
15) Acrylonitrile	3.15	53	117786	97.76	ug/l	99
16) Acetone	2.45	43	107516	96.72	ug/l	98
17) Carbon Disulfide	2.57	76	121861	18.85	ug/l	99
18) Methyl Acetate	2.78	43	72724	21.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	153771	20.16	ug/l	97
20) Methylene Chloride	2.86	84	49174	20.07	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49023	19.41	ug/l	100
22) Diisopropyl ether	3.88	45	159550	20.07	ug/l	98
23) Vinyl Acetate	3.83	43	652982	99.23	ug/l	100
24) 1,1-Dichloroethane	3.70	63	87917	19.72	ug/l	99
25) 2-Butanone	4.71	43	171259	98.70	ug/l	99
26) 2,2-Dichloropropane	4.59	77	74551	19.44	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	55926	19.88	ug/l	99
28) Bromochloromethane	5.03	49	33423	19.49	ug/l	98
29) Tetrahydrofuran	5.17	42	109211	99.60	ug/l	100
30) Chloroform	5.23	83	91250	19.76	ug/l	96
31) Cyclohexane	5.59	56	80480	19.34	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	82111	19.83	ug/l	99
36) 1,1-Dichloropropene	5.81	75	70481	18.86	ug/l	99
37) Ethyl Acetate	4.87	43	66882	19.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	71893	19.00	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	82346	18.93	ug/l	98
40) Benzene	6.15	78	201335	19.38	ug/l	99
41) Methacrylonitrile	5.07	41	39936	18.66	ug/l	99
42) 1,2-Dichloroethane	6.21	62	77430	19.42	ug/l	100
43) Isopropyl Acetate	6.48	43	114771	19.52	ug/l	99
44) Trichloroethene	7.22	130	61686	19.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	52279	20.01	ug/l	99
46) Dibromomethane	7.67	93	35580	19.49	ug/l	98
47) Bromodichloromethane	7.90	83	64682	19.13	ug/l	98
48) Methyl methacrylate	7.79	41	61367	19.38	ug/l	99
49) 1,4-Dioxane	7.76	88	18034	387.28	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	355355	99.52	ug/l	98
52) Toluene	8.79	92	132719	19.57	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78913	19.51	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	74296	19.48	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	52516	19.49	ug/l	99
56) Ethyl methacrylate	9.19	69	77888	19.68	ug/l	99
57) 1,3-Dichloropropane	9.38	76	85812	19.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	194004	100.42	ug/l	100
59) 2-Hexanone	9.51	43	267487	97.87	ug/l	99
60) Dibromochloromethane	9.59	129	54515	19.26	ug/l	100
61) 1,2-Dibromoethane	9.68	107	55939	19.67	ug/l	100
64) Tetrachloroethene	9.34	164	62836	19.63	ug/l	99
65) Chlorobenzene	10.15	112	155412	19.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54149	19.65	ug/l	99
67) Ethyl Benzene	10.26	91	259374	19.46	ug/l	99
68) m/p-Xylenes	10.37	106	202907	38.62	ug/l	98
69) o-Xylene	10.71	106	98010	19.35	ug/l	98
70) Styrene	10.72	104	163123	19.55	ug/l	100
71) Bromoform	10.87	173	42432	18.37	ug/l #	100
73) Isopropylbenzene	11.02	105	266859	19.42	ug/l	100
74) N-amyl acetate	6.48	43	114771	19.53	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76444	19.65	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	84751	23.24	ug/l	88
77) Bromobenzene	11.26	156	76030	19.06	ug/l	98
78) n-propylbenzene	11.37	91	305568	19.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	180551	19.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	226533	19.45	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18254	17.61	ug/l	93
82) 4-Chlorotoluene	11.52	91	215495	19.13	ug/l	100
83) tert-Butylbenzene	11.77	119	231304	19.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	233379	19.47	ug/l	99
85) sec-Butylbenzene	11.95	105	272272	19.41	ug/l	100
86) p-Isopropyltoluene	12.07	119	250274	19.29	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141452	18.94	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	145951	19.04	ug/l	99
89) n-Butylbenzene	12.39	91	219779	19.04	ug/l	99
90) Hexachloroethane	12.60	117	34144	18.57	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	138494	19.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16372	20.09	ug/l	94

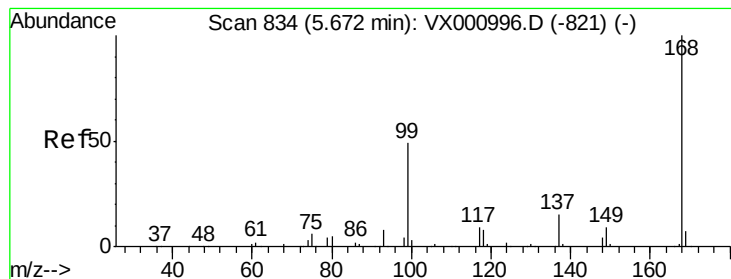
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114818	18.92	ug/l	99
94) Hexachlorobutadiene	13.79	225	50738	18.48	ug/l	98
95) Naphthalene	13.84	128	297069	19.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111433	18.99	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

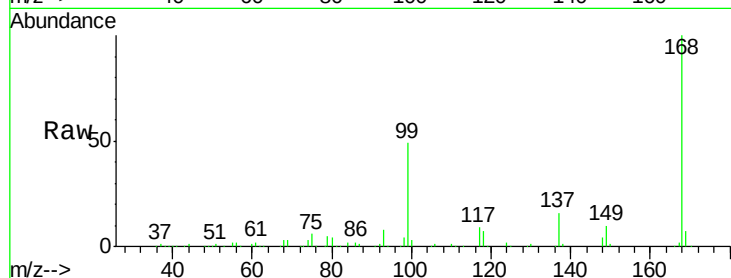
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 232871

Ion Ratio Lower Upper

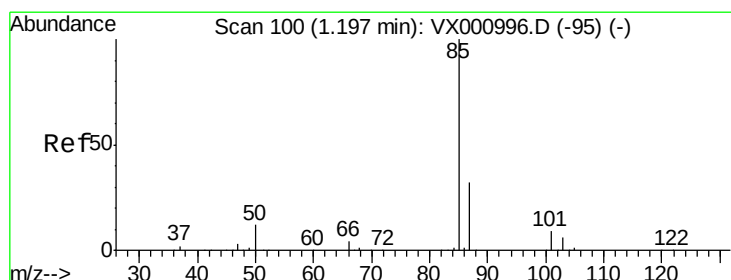
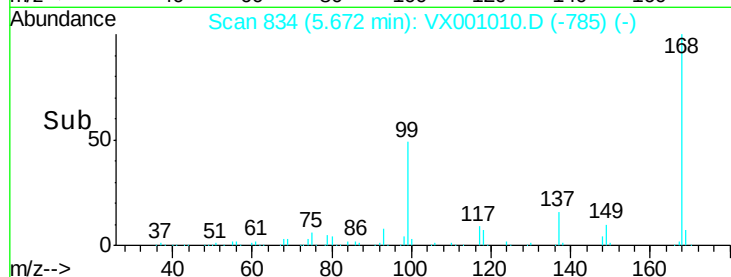
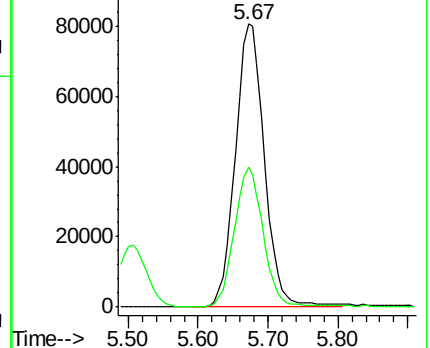
168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.86 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001010.D

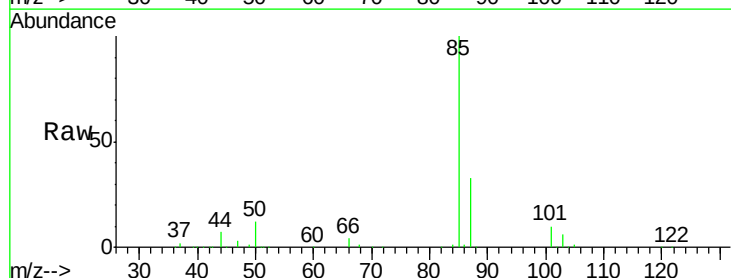
Acq: 20 Apr 2018 15:52

Tgt Ion: 85 Resp: 63142

Ion Ratio Lower Upper

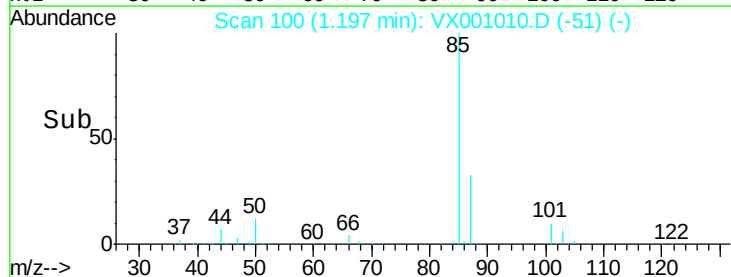
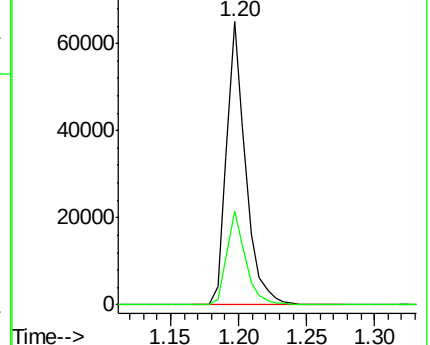
85 100

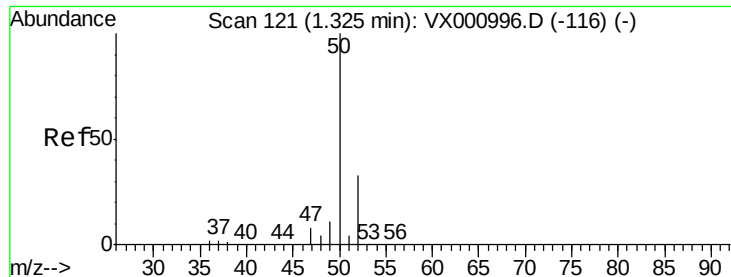
87 33.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

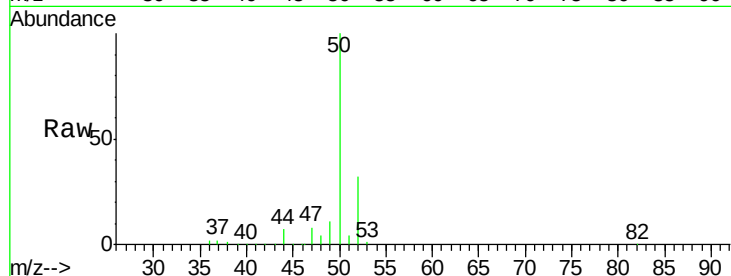
ClientSampleId :

Tot Ion: 50 Resp: 53480

Ion Ratio Lower Upper

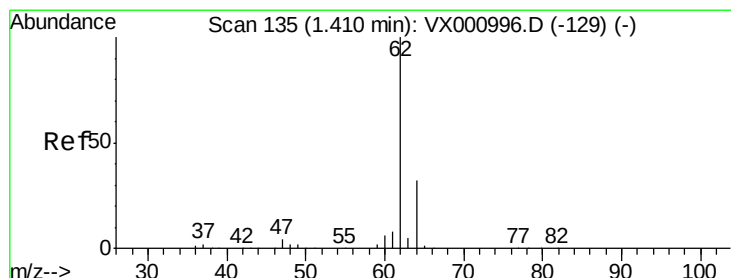
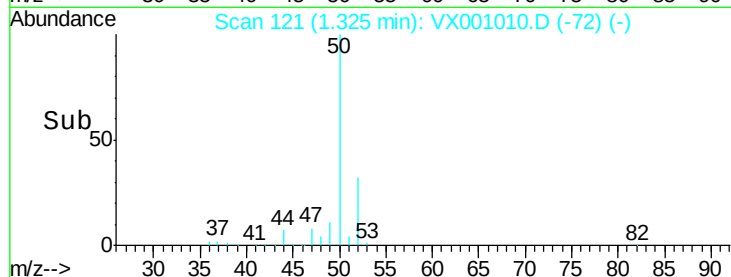
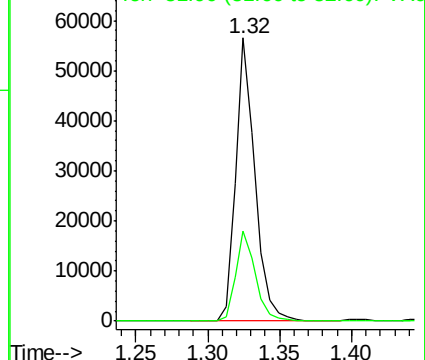
50 100

52 31.7 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.23 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX001010.D

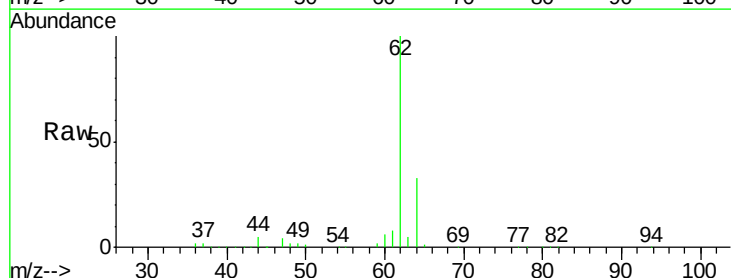
Acq: 20 Apr 2018 15:52

Tgt Ion: 62 Resp: 56395

Ion Ratio Lower Upper

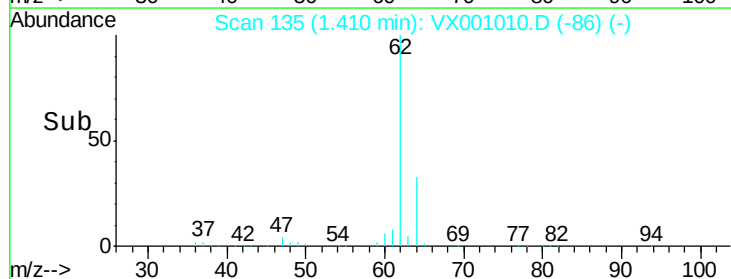
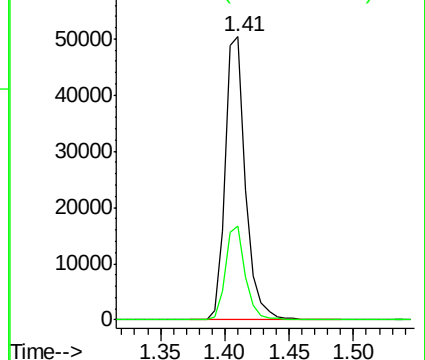
62 100

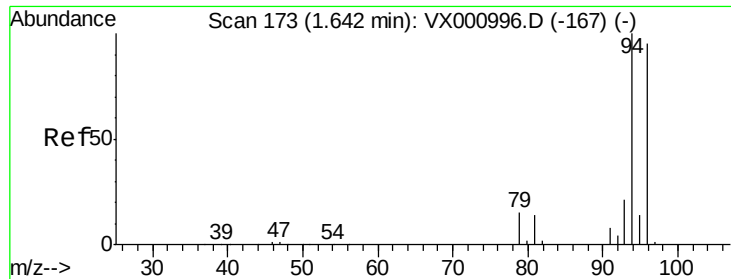
64 33.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

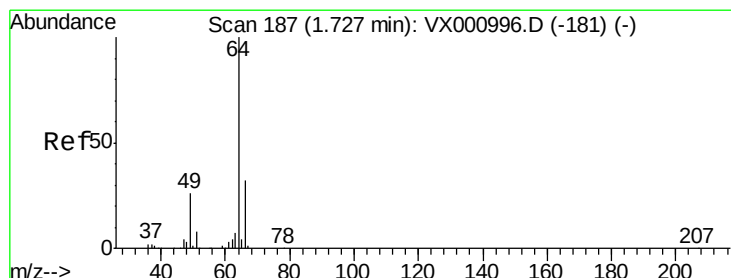
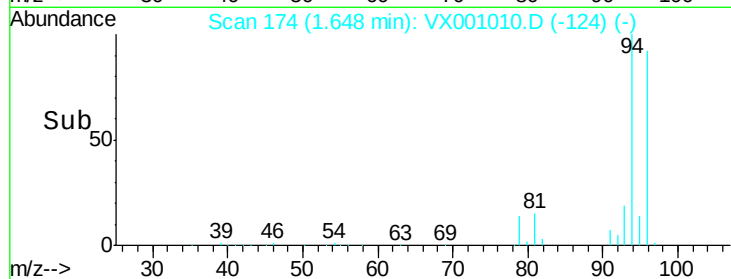
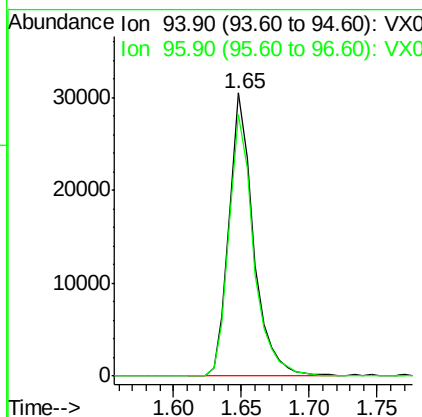
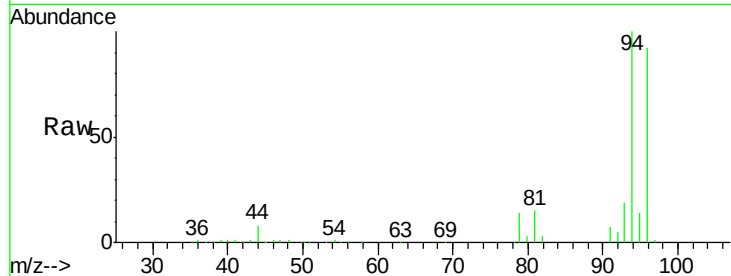




#5
Bromomethane
Concen: 21.74 ug/l
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

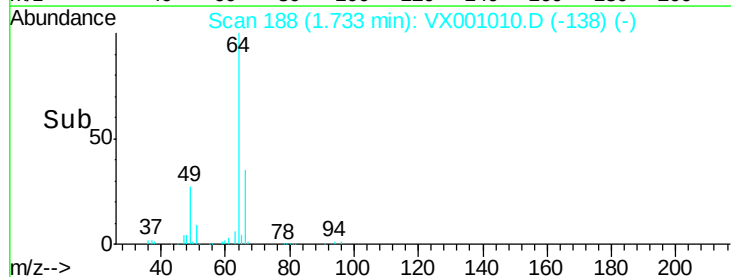
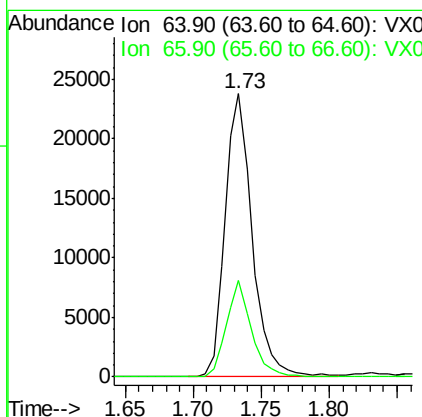
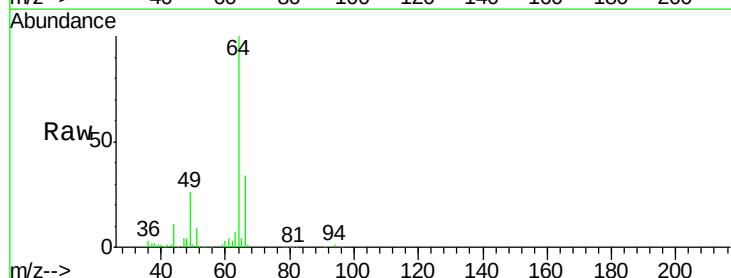
Instrument :
MSVOA_X
ClientSampleId :

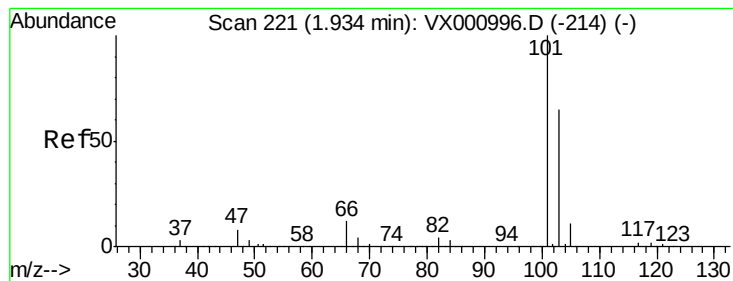
Tot Ion: 94 Resp: 38462
Ion Ratio Lower Upper
94 100
96 92.4 76.0 114.0



#6
Chloroethane
Concen: 19.88 ug/l
RT: 1.73 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 64 Resp: 32924
Ion Ratio Lower Upper
64 100
66 33.9 25.3 37.9



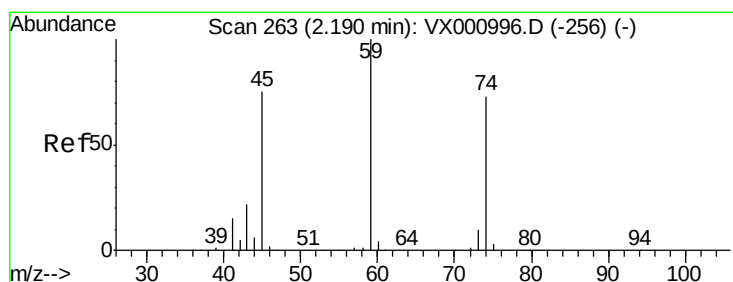
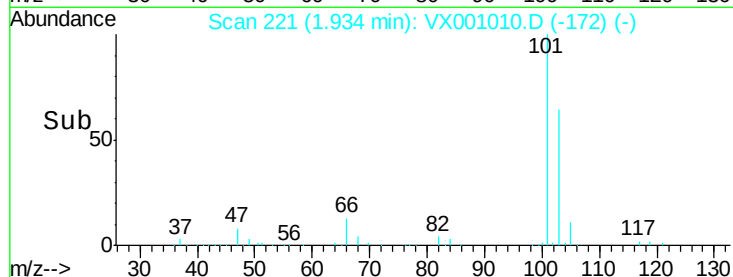
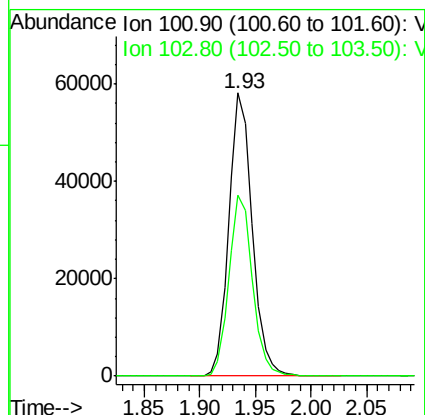
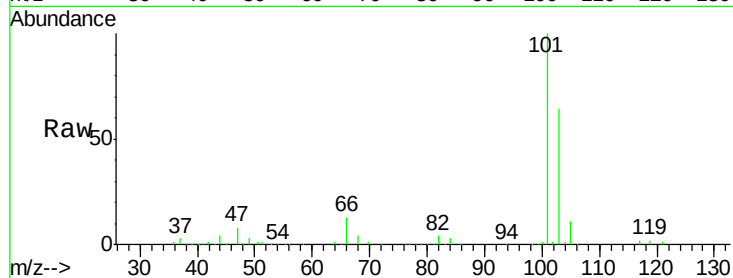


#7

Trichlorofluoromethane
 Concen: 20.19 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Instrument :
 MSVOA_X
 ClientSampleId :

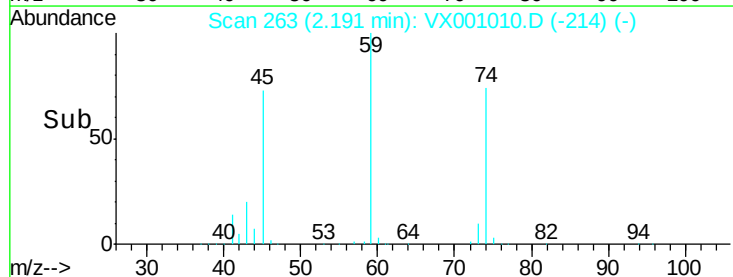
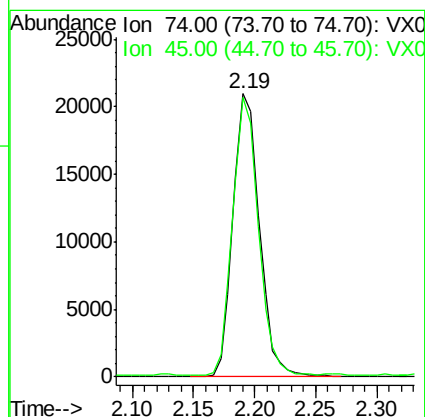
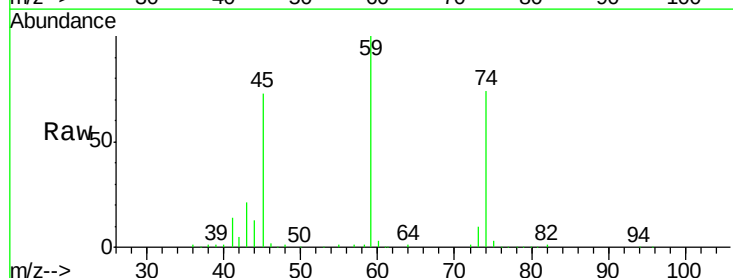
Tot Ion:101 Resp: 84540
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.8

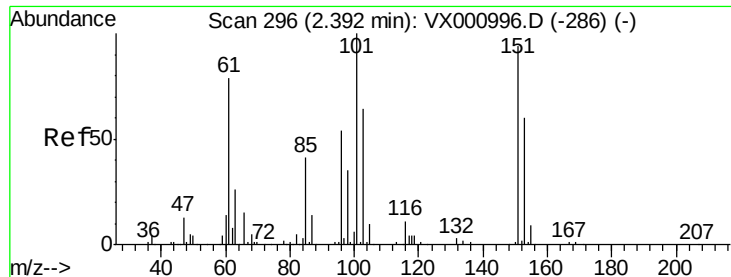


#8

Diethyl Ether
 Concen: 20.22 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion: 74 Resp: 31267
 Ion Ratio Lower Upper
 74 100
 45 95.8 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.83 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

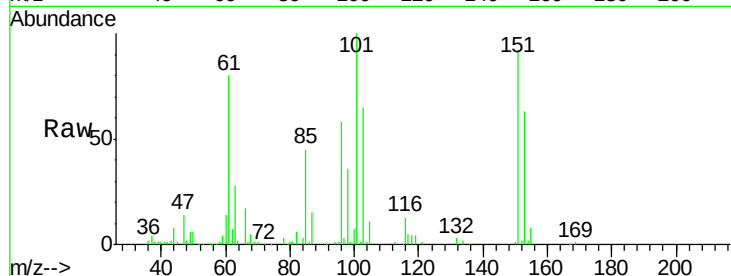
Tot Ion:101 Resp: 48654

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

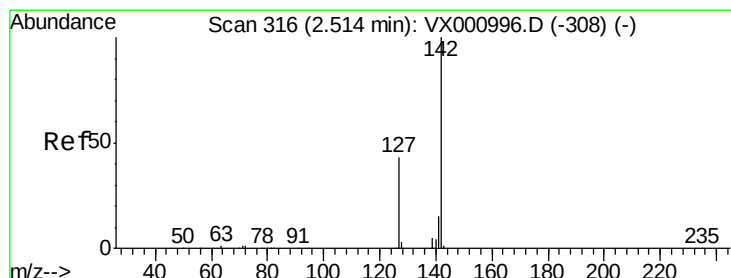
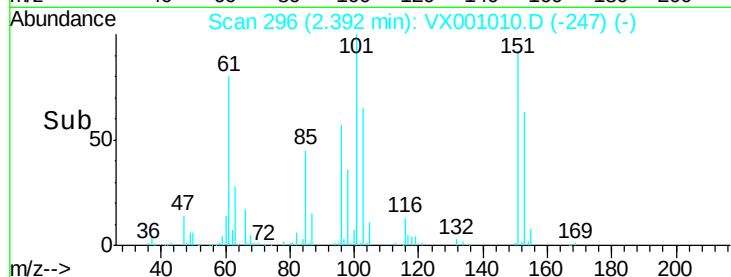
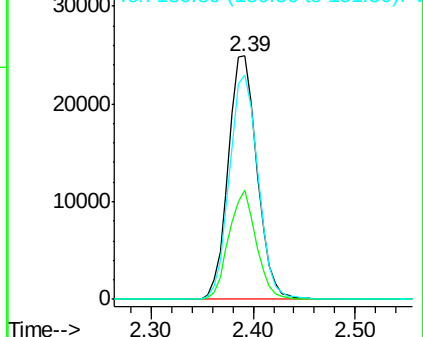
151 91.4 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.48 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

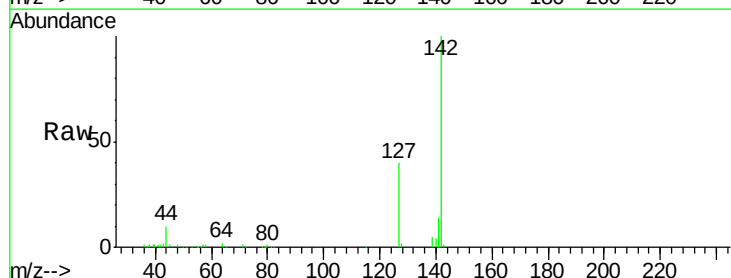
Tgt Ion:142 Resp: 36772

Ion Ratio Lower Upper

142 100

127 42.3 34.0 51.0

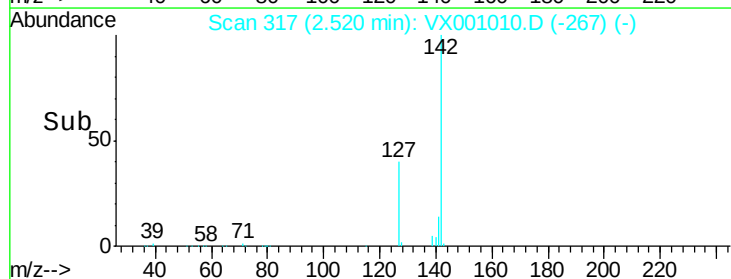
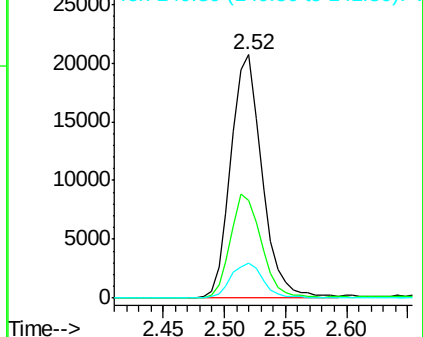
141 14.9 11.4 17.2

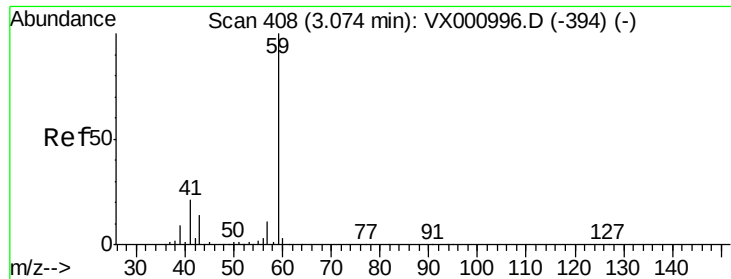


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

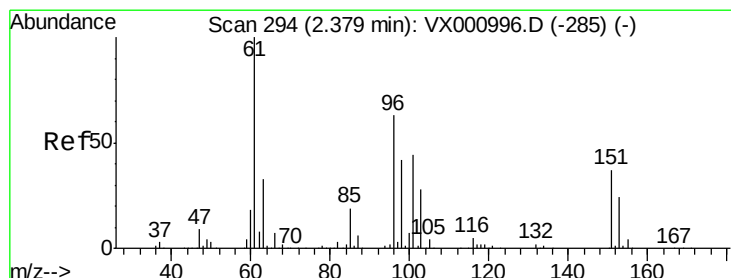
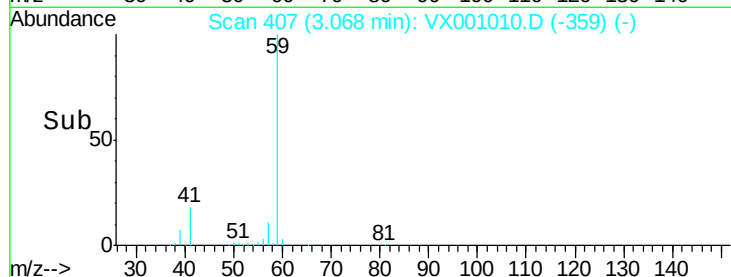
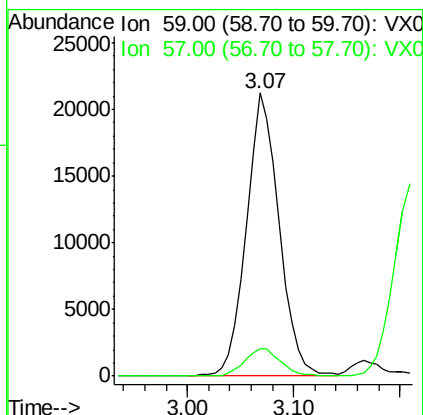
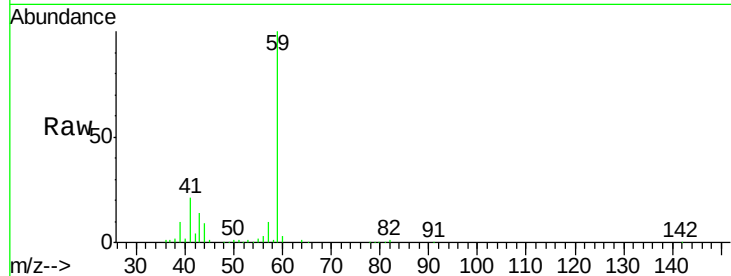




#11
Tert butyl alcohol
Concen: 103.10 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

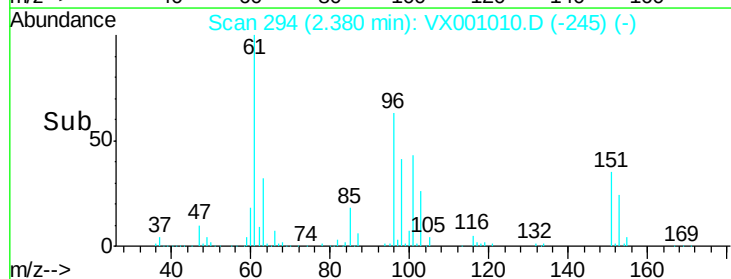
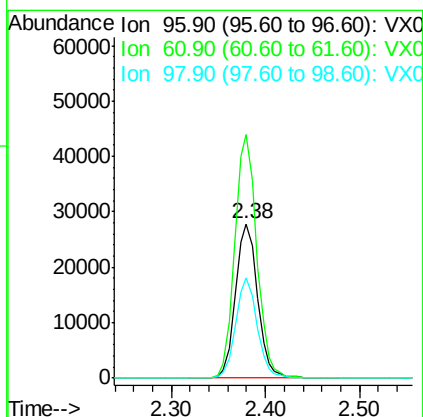
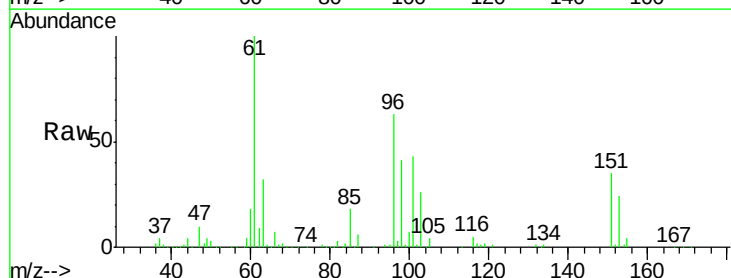
Instrument :
MSVOA_X
ClientSampleId :

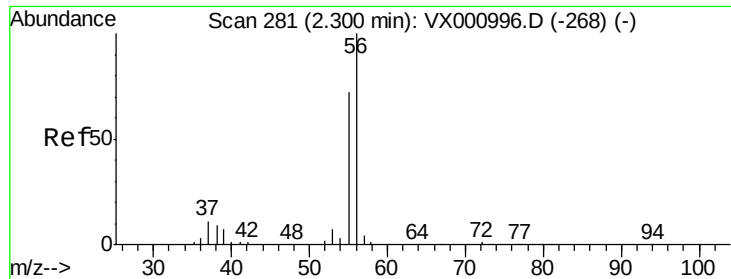
Tot Ion: 59 Resp: 45898
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.03 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 96 Resp: 45452
Ion Ratio Lower Upper
96 100
61 157.6 126.4 189.6
98 65.1 52.6 78.8





#13

Acrolein

Concen: 123.90 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

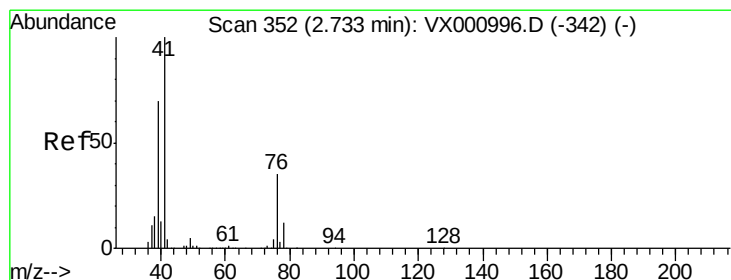
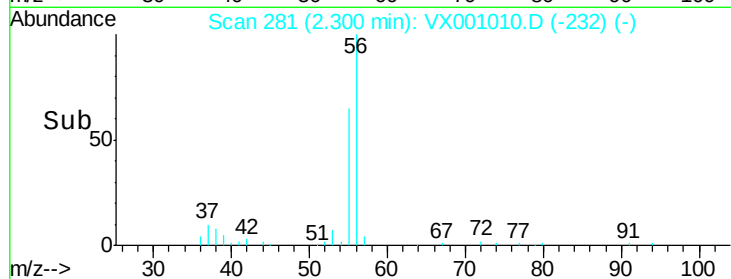
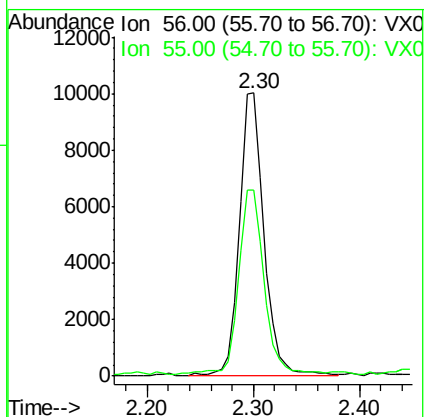
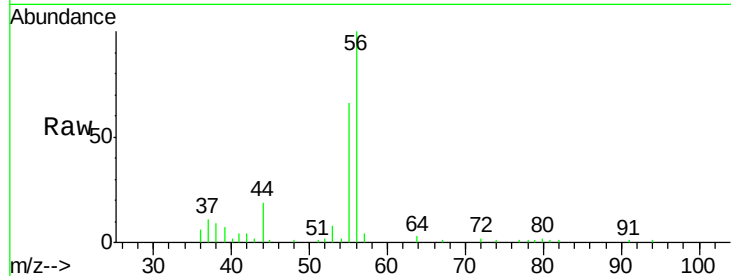
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 16384

Ion Ratio Lower Upper

56 100

55 66.5 57.4 86.2



#14

Allyl chloride

Concen: 19.69 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

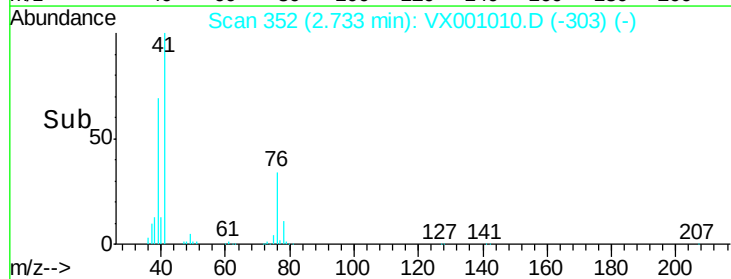
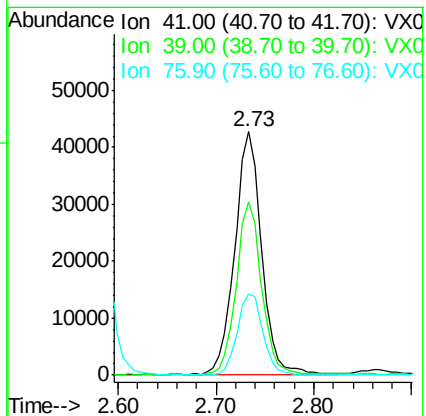
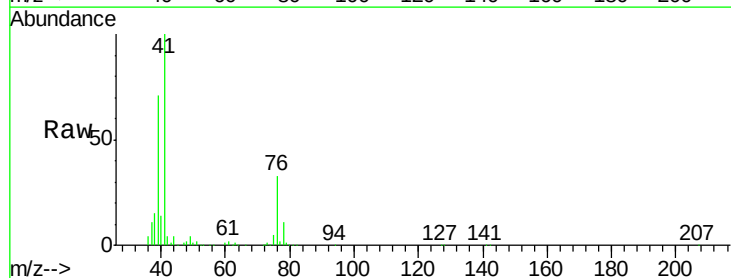
Tgt Ion: 41 Resp: 80859

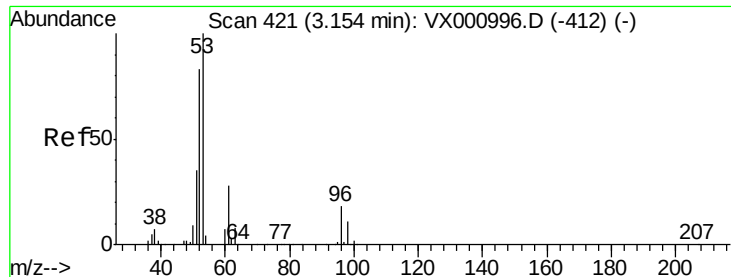
Ion Ratio Lower Upper

41 100

39 67.0 53.0 79.6

76 32.3 25.9 38.9





#15

Acrylonitrile

Concen: 97.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

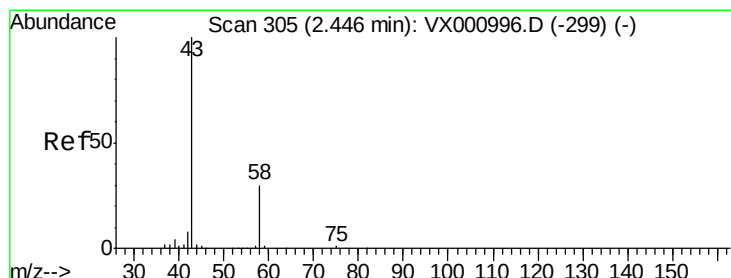
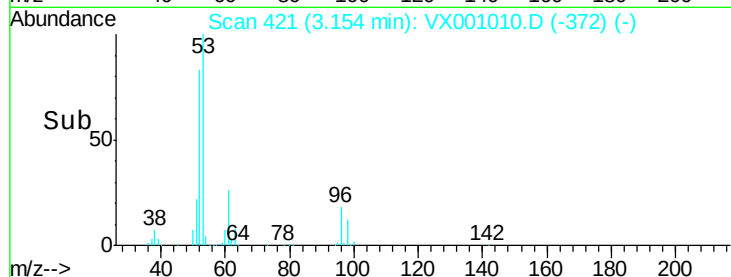
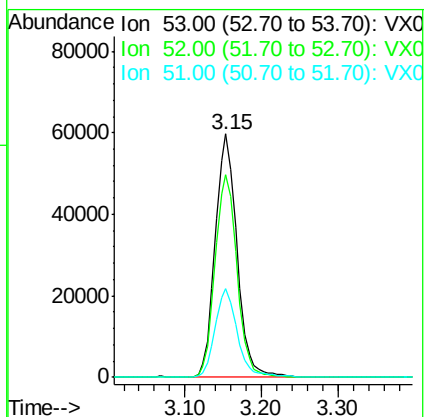
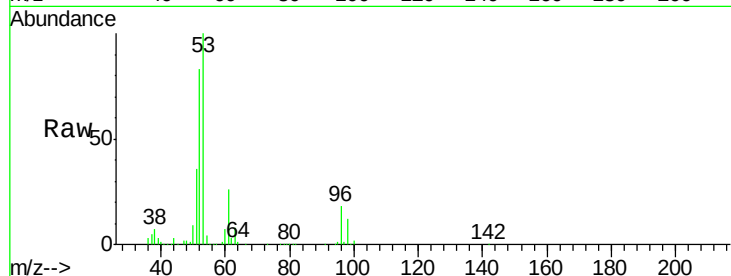
Tot Ion: 53 Resp: 117786

Ion Ratio Lower Upper

53 100

52 84.0 66.4 99.6

51 36.7 29.0 43.6



#16

Acetone

Concen: 96.72 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001010.D

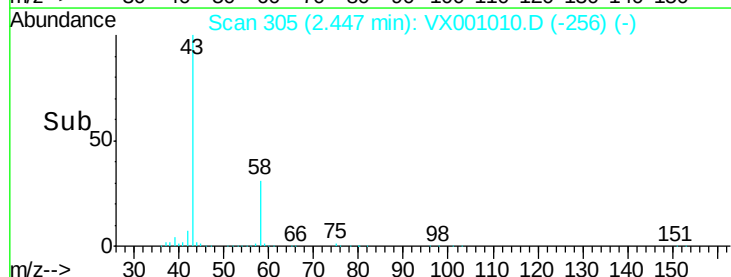
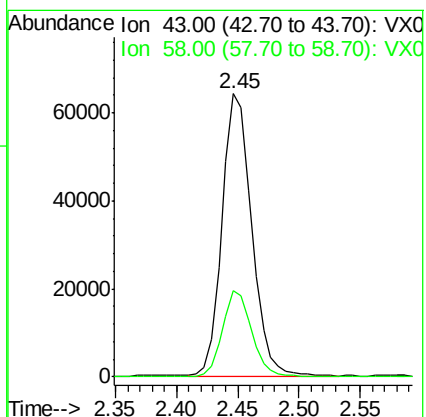
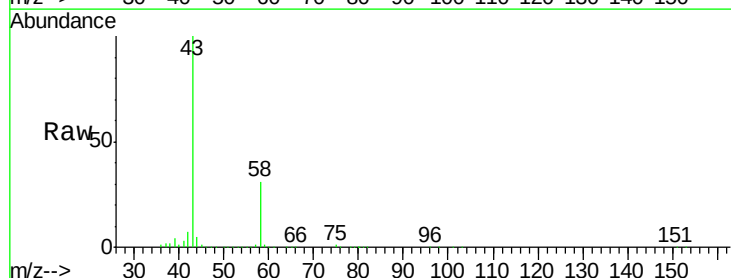
Acq: 20 Apr 2018 15:52

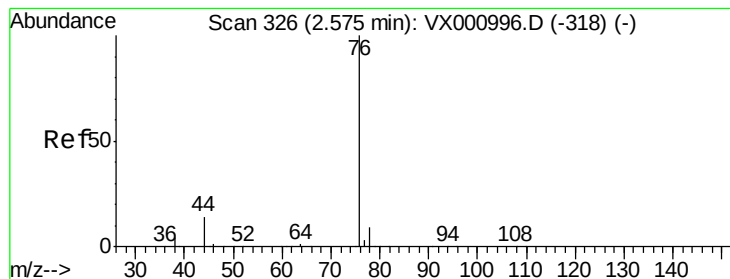
Tgt Ion: 43 Resp: 107516

Ion Ratio Lower Upper

43 100

58 30.6 23.7 35.5





#17

Carbon Disulfide

Concen: 18.85 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

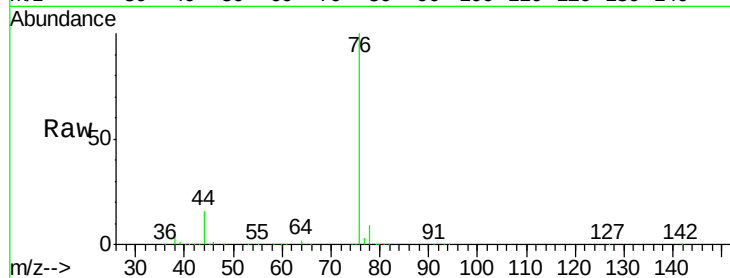
ClientSampleId :

Tot Ion: 76 Resp: 121861

Ion Ratio Lower Upper

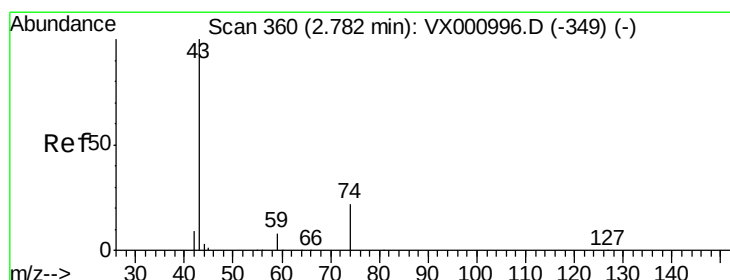
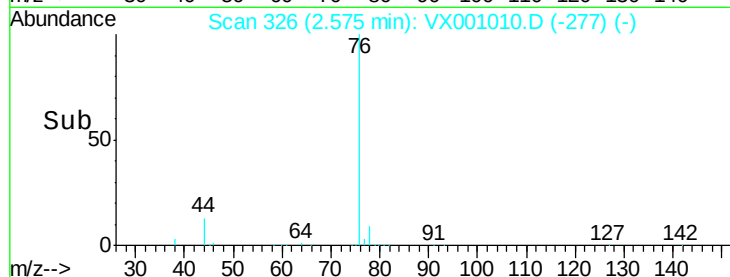
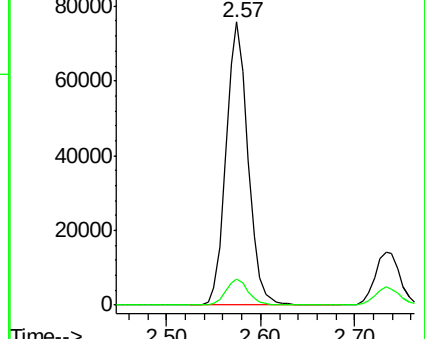
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.62 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001010.D

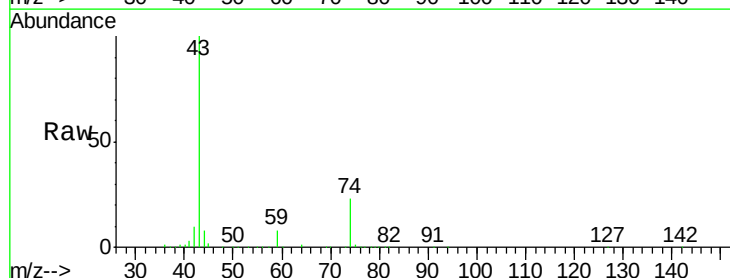
Acq: 20 Apr 2018 15:52

Tgt Ion: 43 Resp: 72724

Ion Ratio Lower Upper

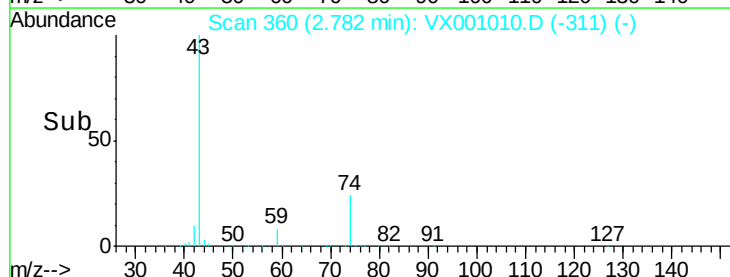
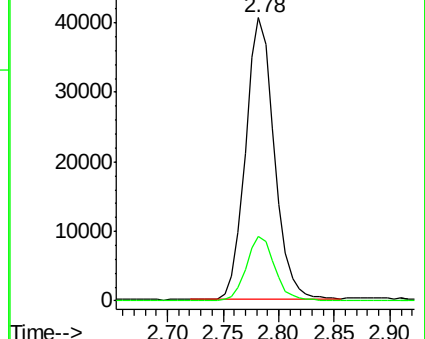
43 100

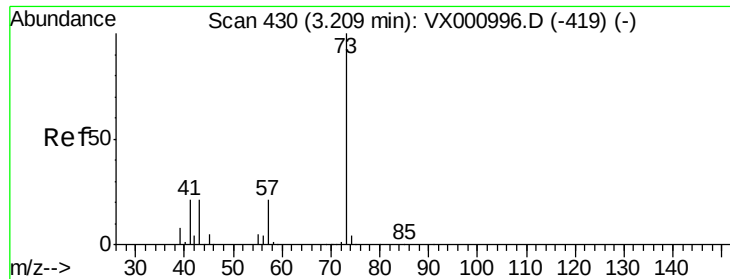
74 22.8 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

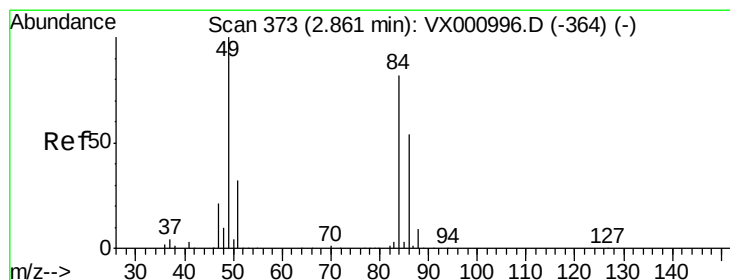
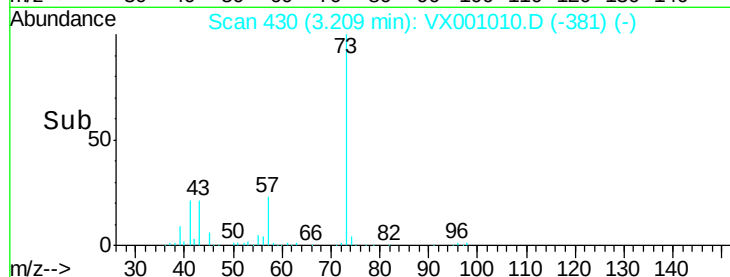
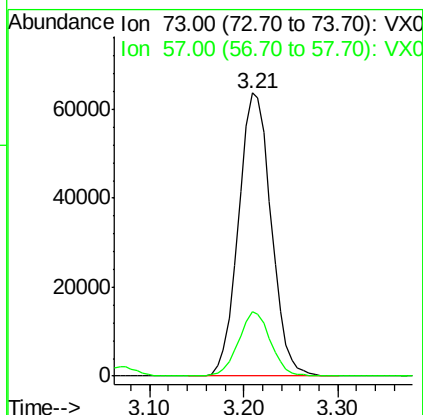
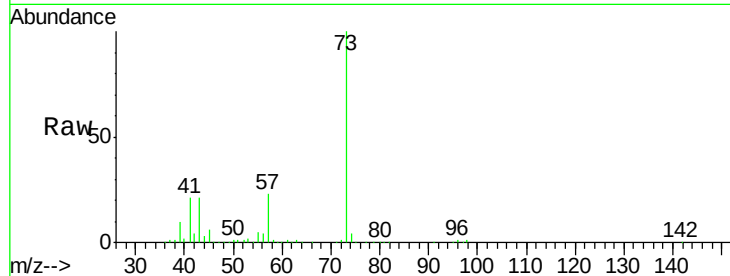




#19
Methyl tert-butyl Ether
Concen: 20.16 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

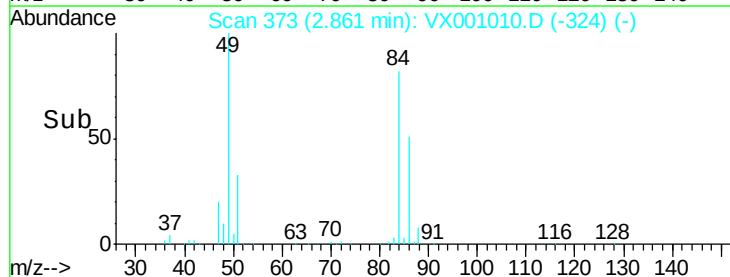
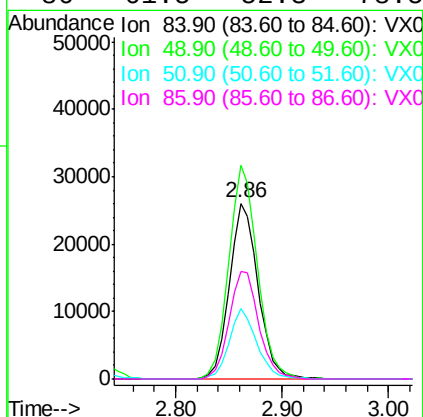
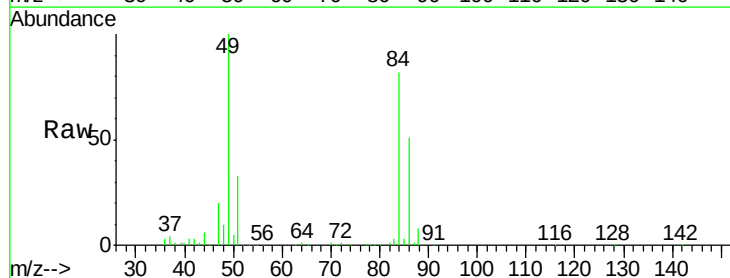
Instrument :
MSVOA_X
ClientSampleId :

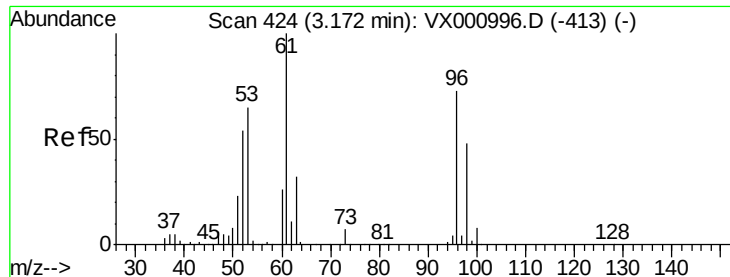
Tot Ion: 73 Resp: 153771
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 20.07 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 84 Resp: 49174
Ion Ratio Lower Upper
84 100
49 121.5 97.1 145.7
51 39.9 30.8 46.2
86 61.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.41 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :
MSVOA_X
ClientSampled :

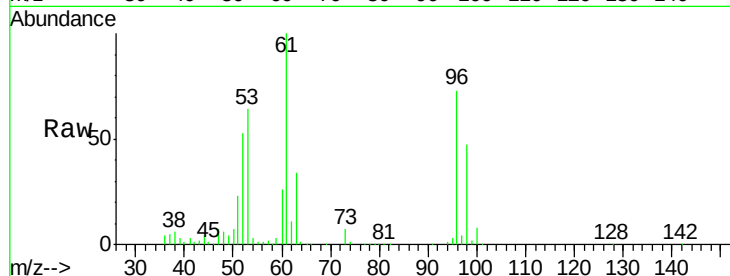
Tot Ion: 96 Resp: 49023

Ion Ratio Lower Upper

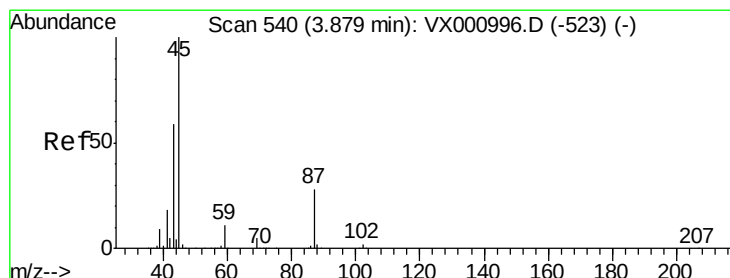
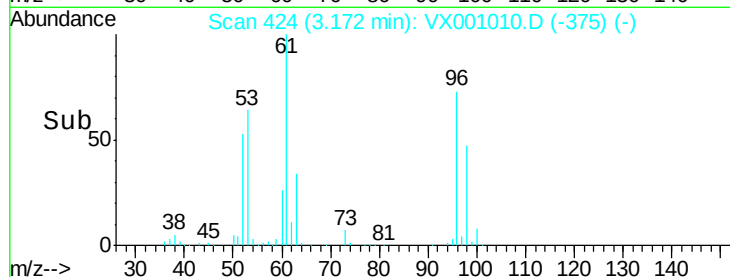
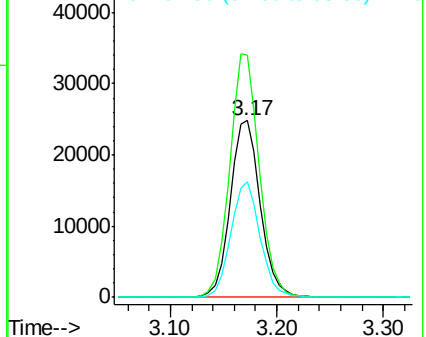
96 100

61 136.9 109.4 164.2

98 65.0 52.6 78.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.07 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Tgt Ion: 45 Resp: 159550

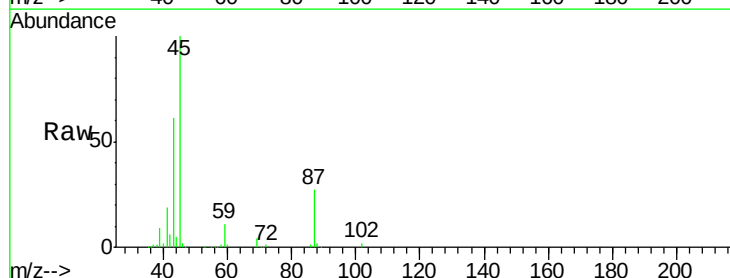
Ion Ratio Lower Upper

45 100

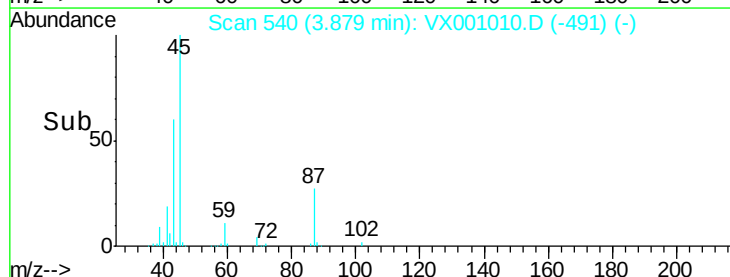
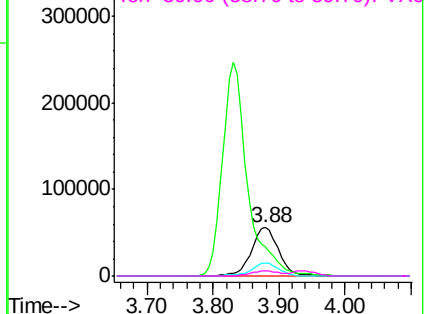
43 60.3 47.0 70.4

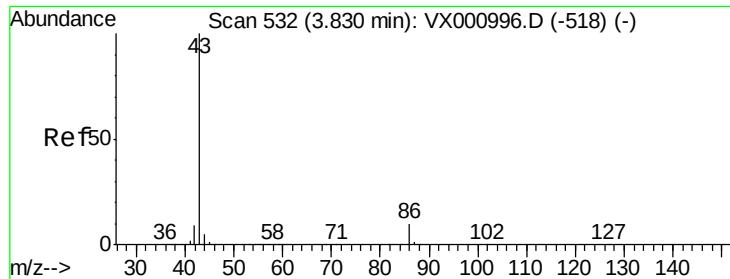
87 27.1 22.5 33.7

59 10.7 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.23 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

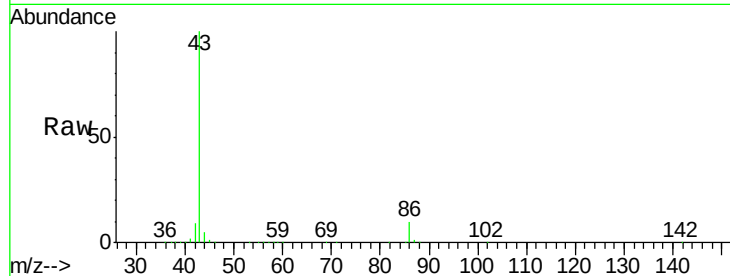
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 652982

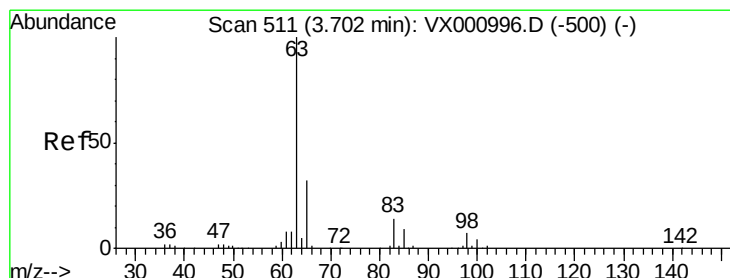
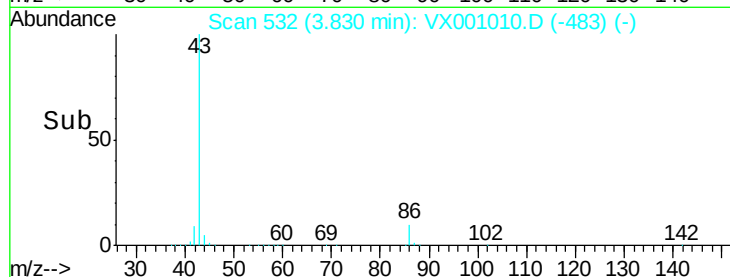
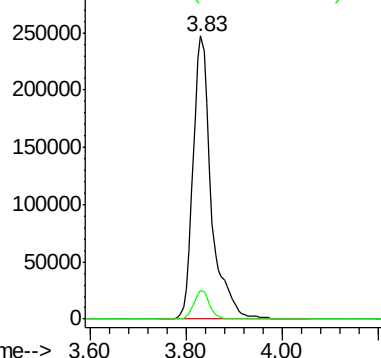
Ion Ratio Lower Upper

43 100

86 10.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.72 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

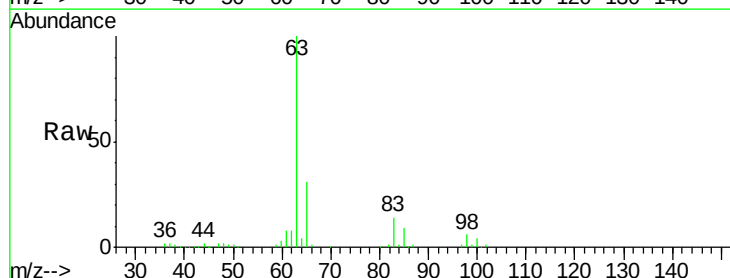
Tgt Ion: 63 Resp: 87917

Ion Ratio Lower Upper

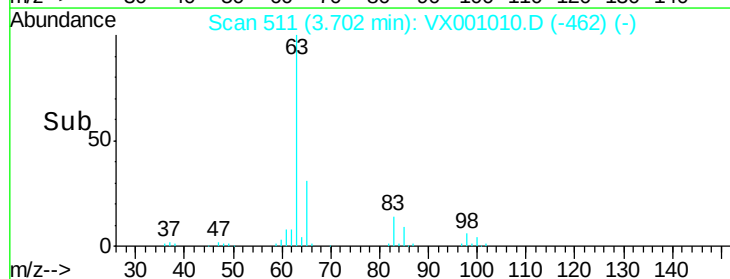
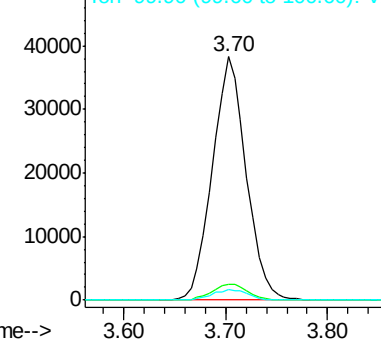
63 100

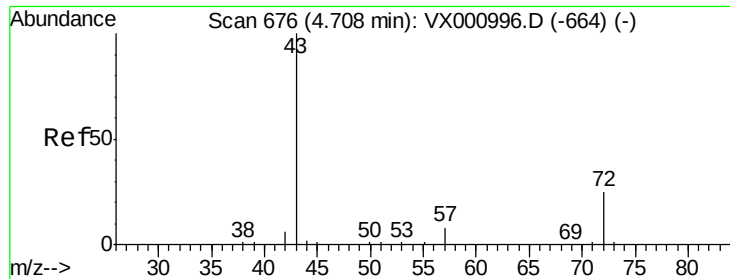
98 6.3 3.4 10.1

100 4.4 2.1 6.3



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: 98.70 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

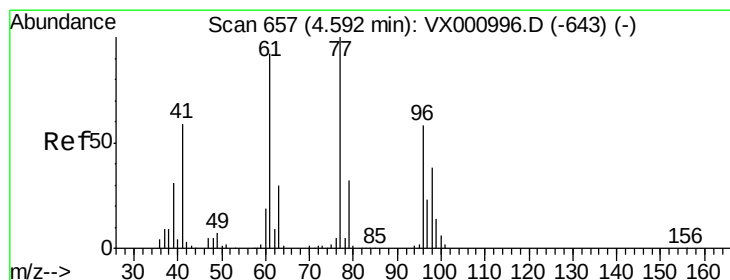
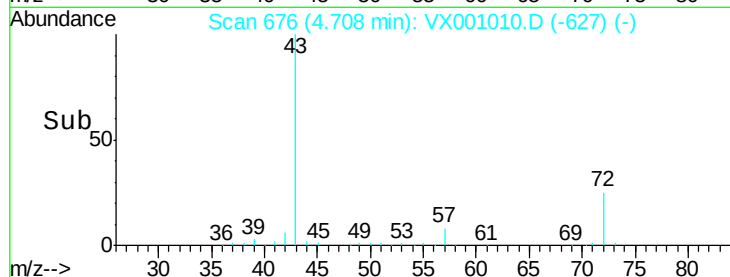
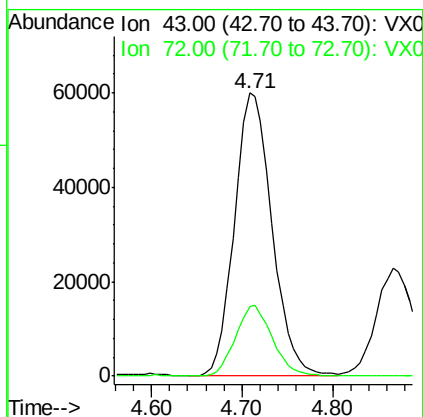
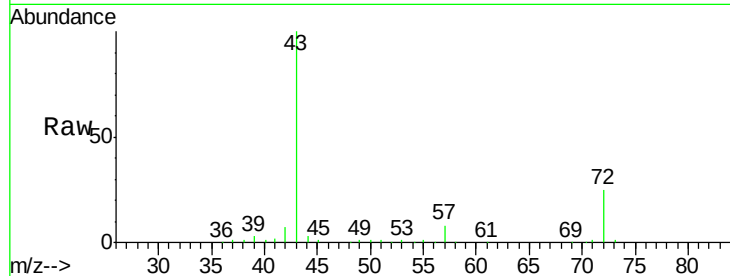
ClientSampleId :

Tot Ion: 43 Resp: 171259

Ion Ratio Lower Upper

43 100

72 24.6 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.44 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001010.D

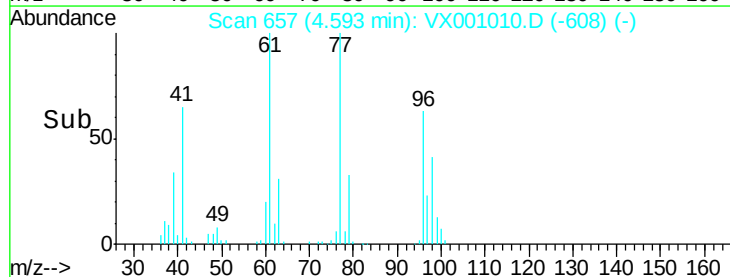
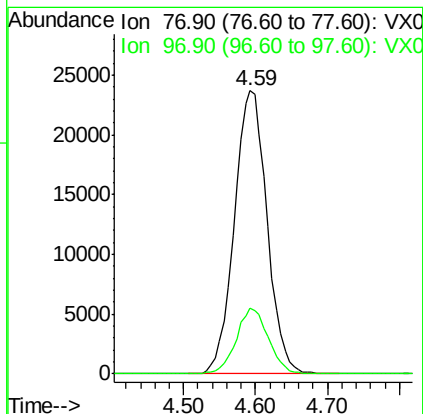
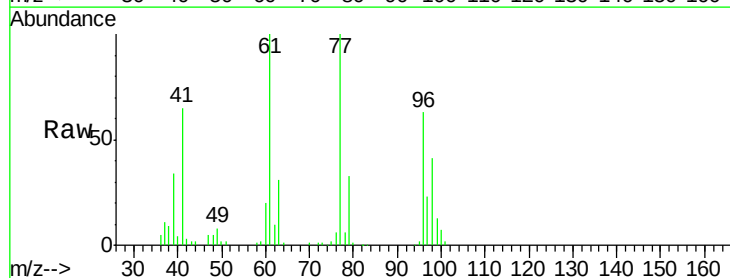
Acq: 20 Apr 2018 15:52

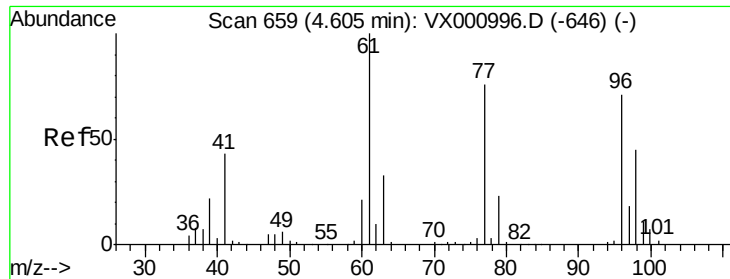
Tgt Ion: 77 Resp: 74551

Ion Ratio Lower Upper

77 100

97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.88 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

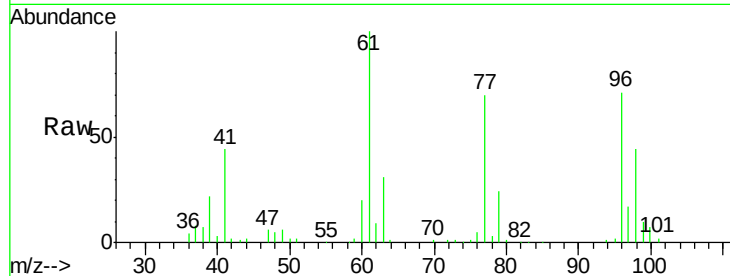
Tot Ion: 96 Resp: 55926

Ion Ratio Lower Upper

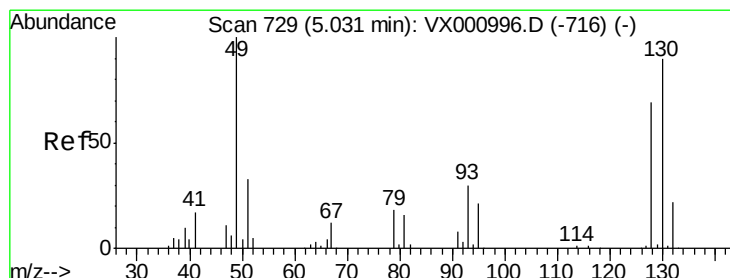
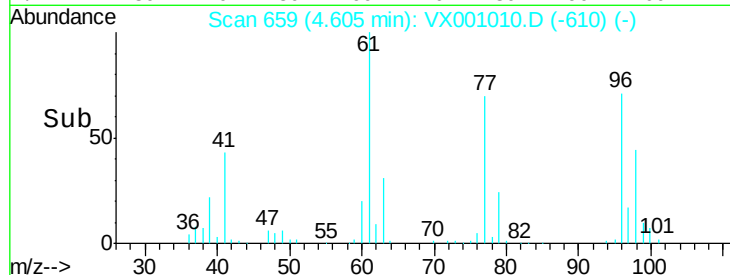
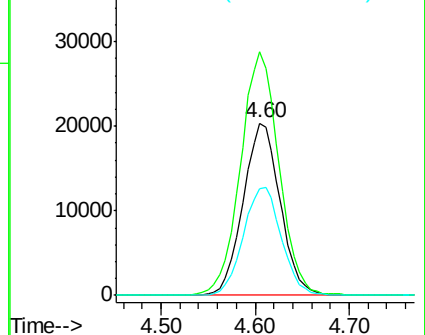
96 100

61 146.6 0.0 297.0

98 64.5 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.49 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

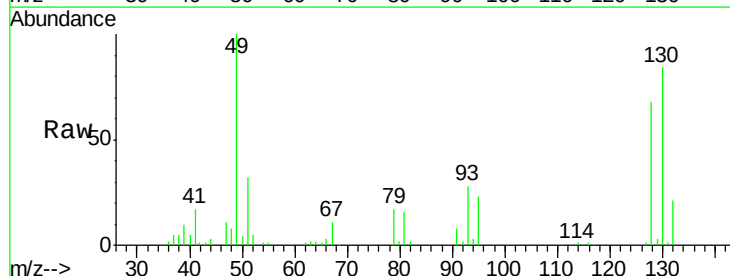
Tgt Ion: 49 Resp: 33423

Ion Ratio Lower Upper

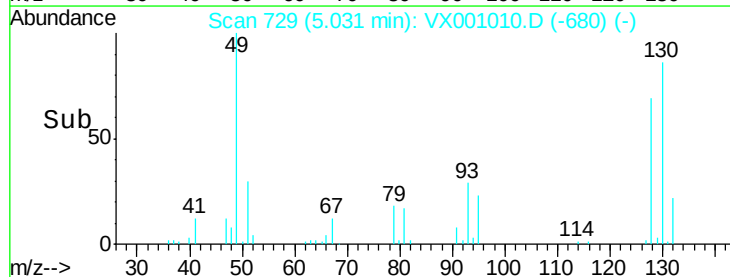
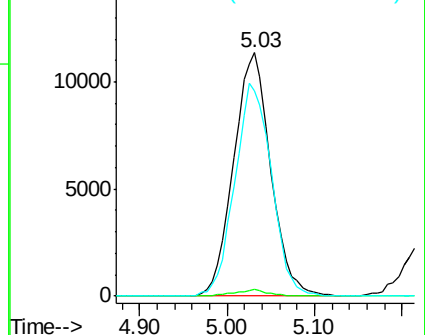
49 100

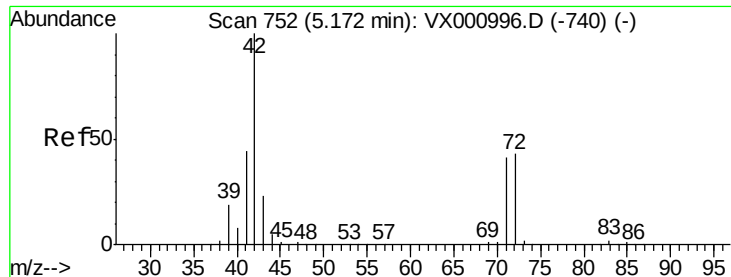
129 2.4 0.0 4.8

130 86.4 70.6 105.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

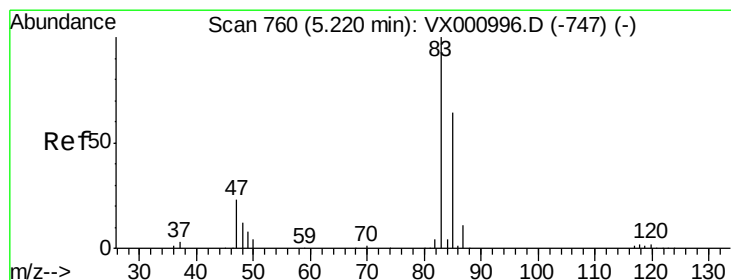
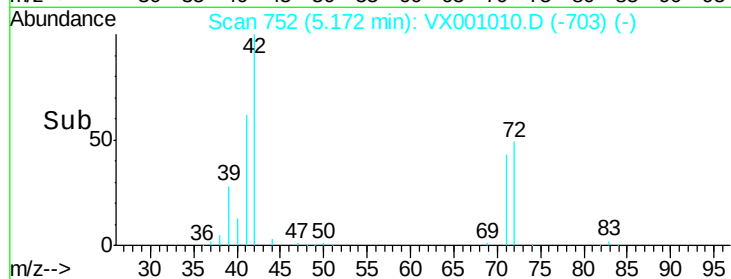
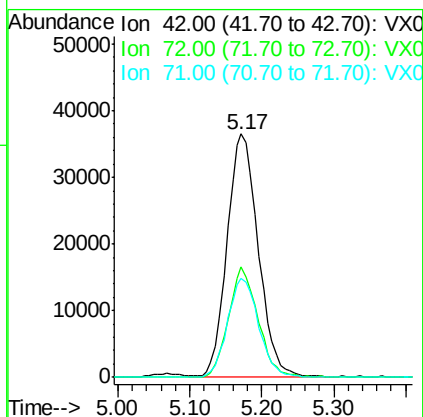
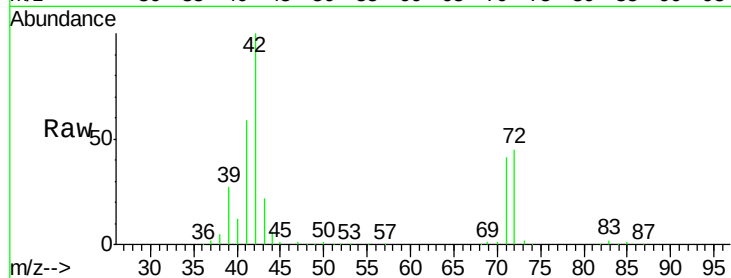




#29
Tetrahydrofuran
Concen: 99.60 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

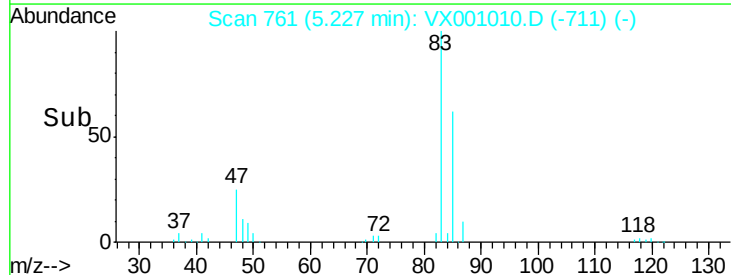
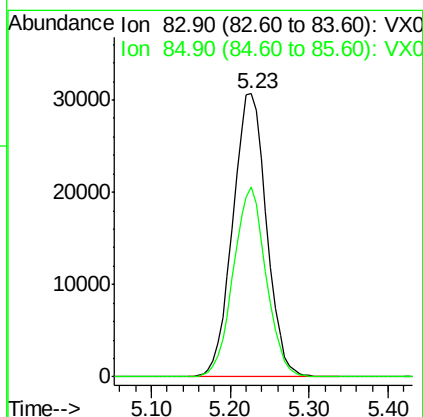
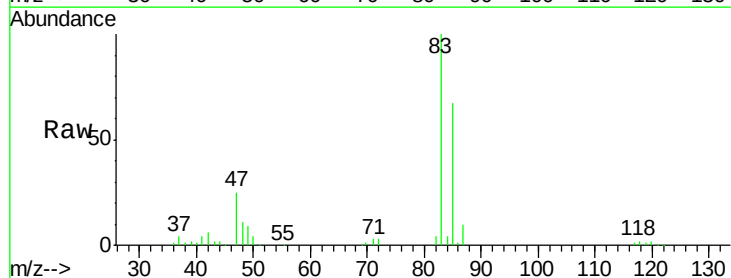
Instrument :
MSVOA_X
ClientSampled :

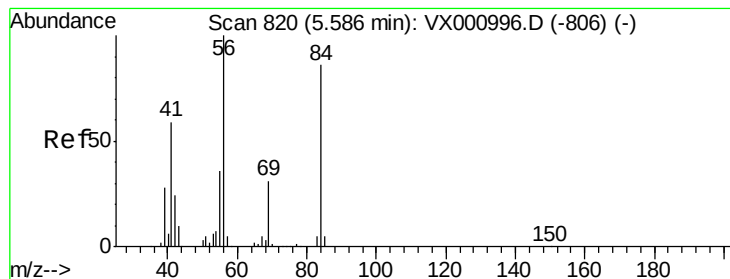
Tot Ion: 42 Resp: 109211
Ion Ratio Lower Upper
42 100
72 43.2 34.6 52.0
71 40.9 32.6 49.0



#30
Chloroform
Concen: 19.76 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 83 Resp: 91250
Ion Ratio Lower Upper
83 100
85 67.1 51.3 76.9





#31

Cyclohexane

Concen: 19.34 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

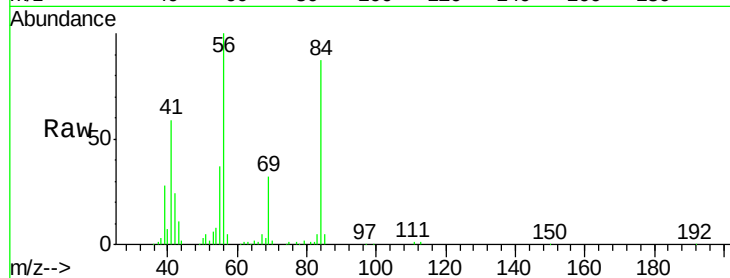
Tot Ion: 56 Resp: 80480

Ion Ratio Lower Upper

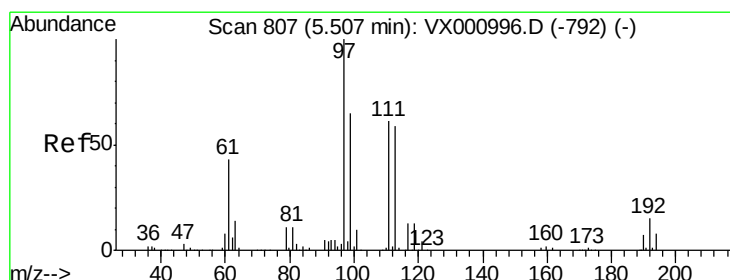
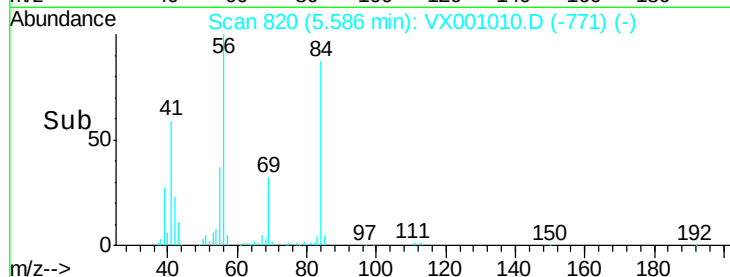
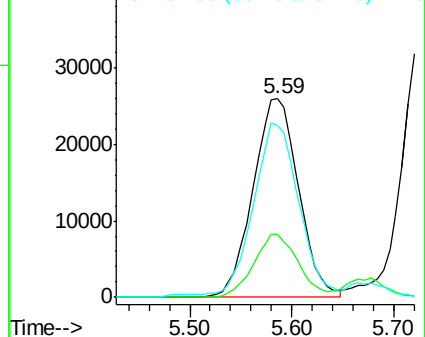
56 100

69 31.6 24.6 36.8

84 84.8 69.0 103.6



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: 19.83 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

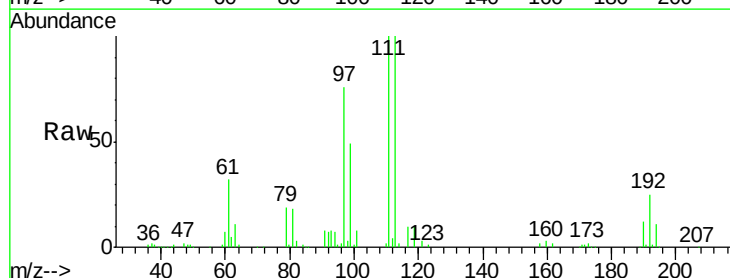
Tgt Ion: 97 Resp: 82111

Ion Ratio Lower Upper

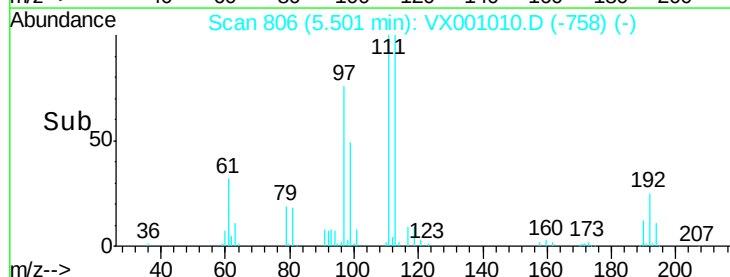
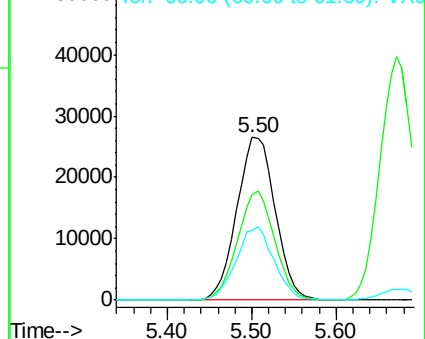
97 100

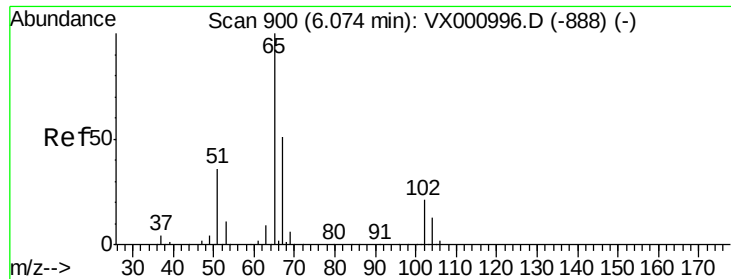
99 64.6 51.1 76.7

61 44.2 34.4 51.6



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

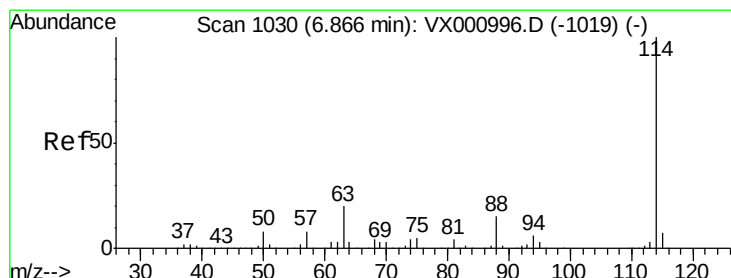
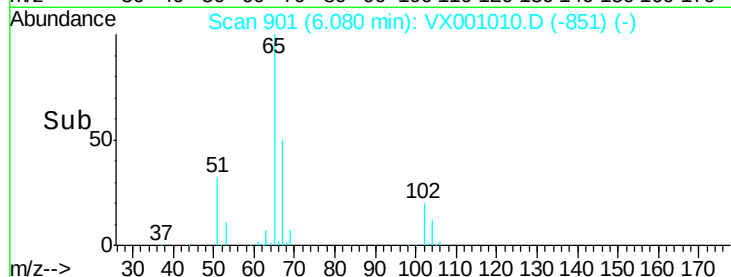
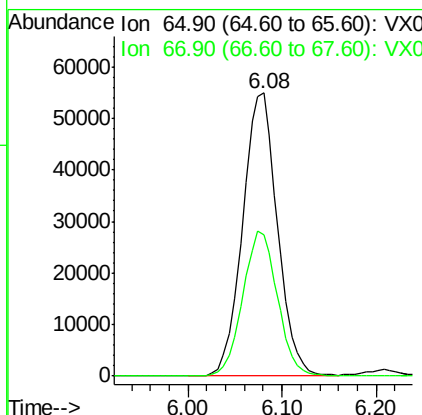
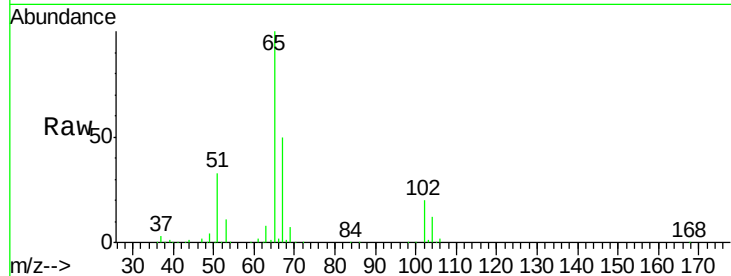




#33
 1,2-Dichloroethane-d4
 Concen: 48.16 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

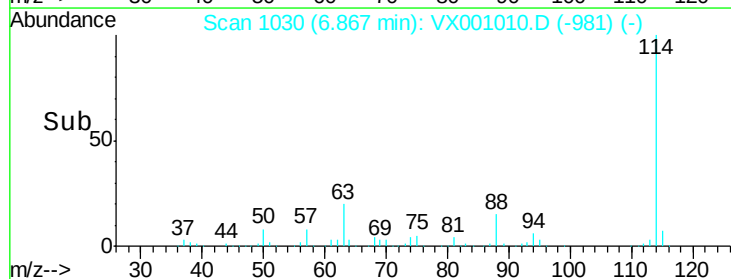
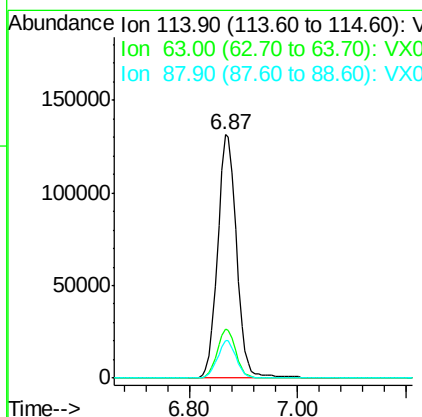
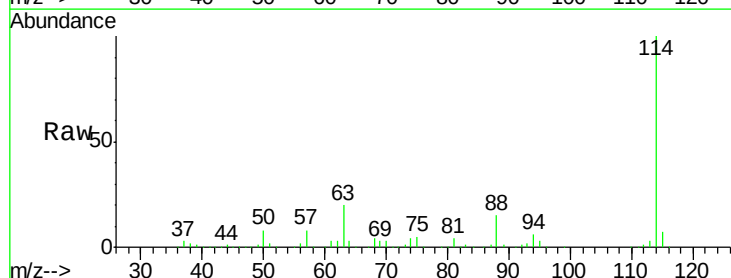
Instrument :
 MSVOA_X
 ClientSampleId :

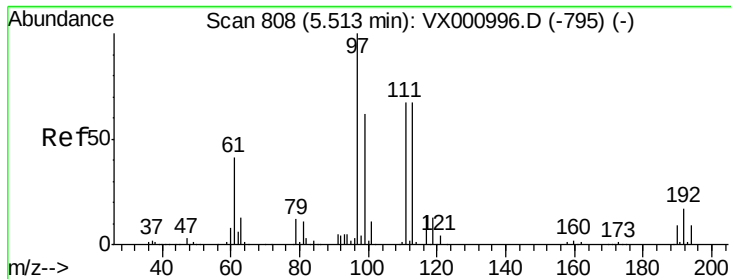
Tot Ion: 65 Resp: 142176
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion:114 Resp: 317997
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.4
 88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 47.92 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

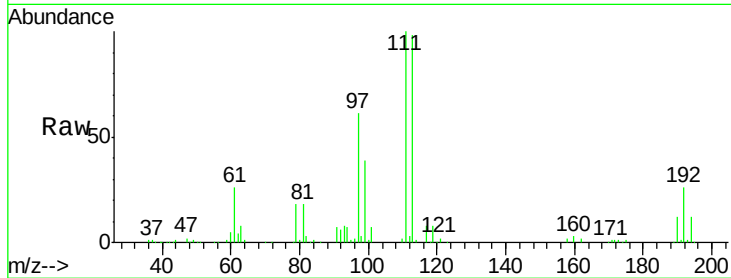
Tot Ion:113 Resp: 116208

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.2

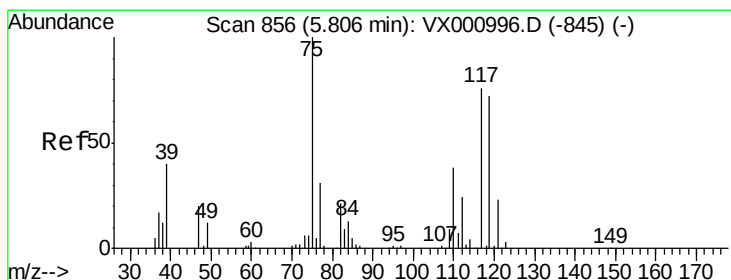
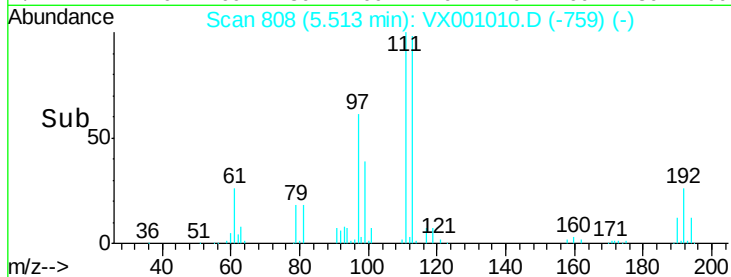
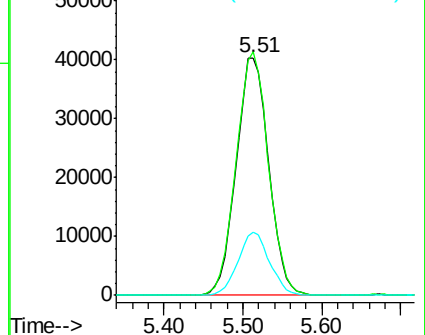
192 25.6 20.4 30.6



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: 18.86 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

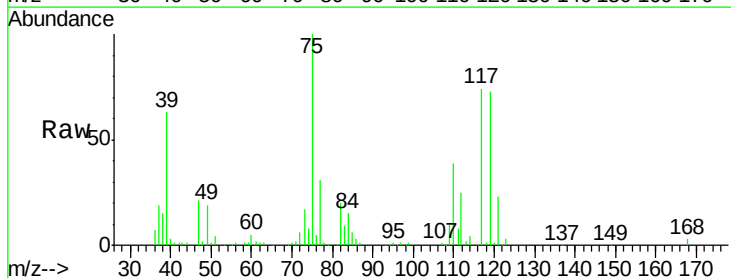
Tgt Ion: 75 Resp: 70481

Ion Ratio Lower Upper

75 100

110 38.1 18.7 56.1

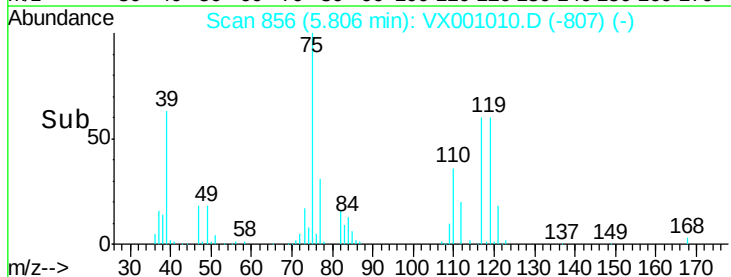
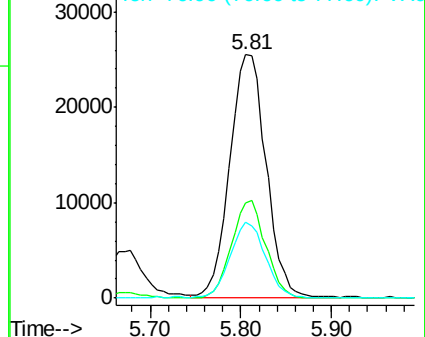
77 30.3 25.0 37.4

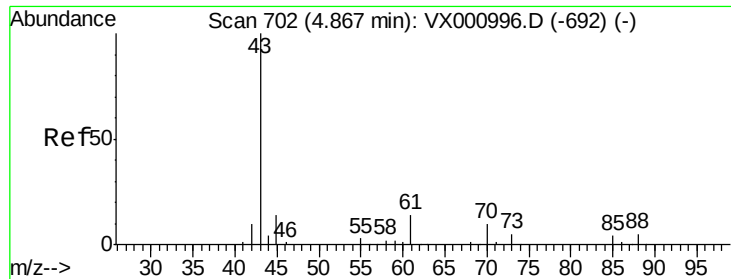


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

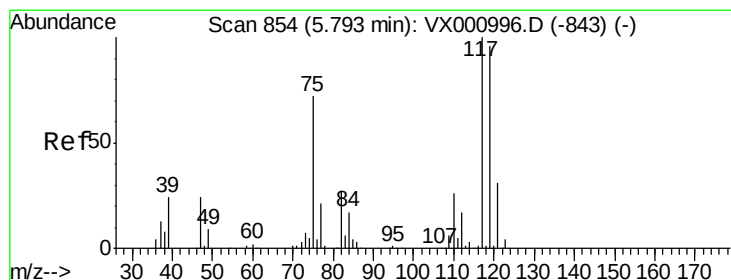
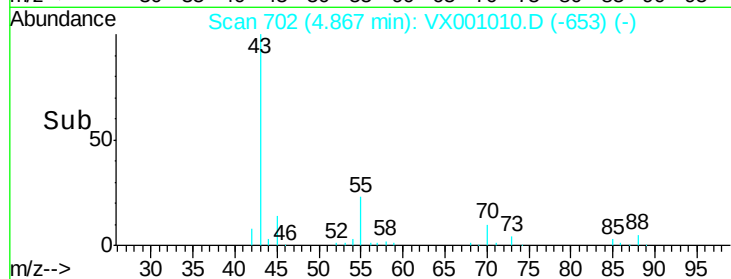
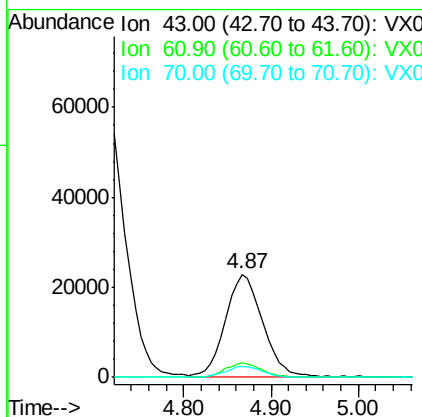
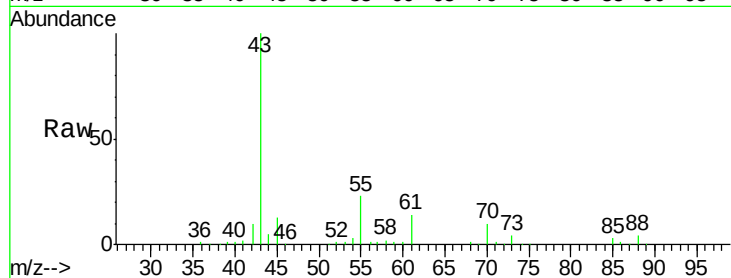




#37
Ethyl Acetate
Concen: 19.51 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

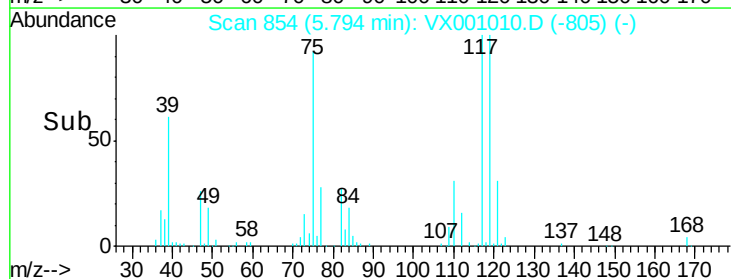
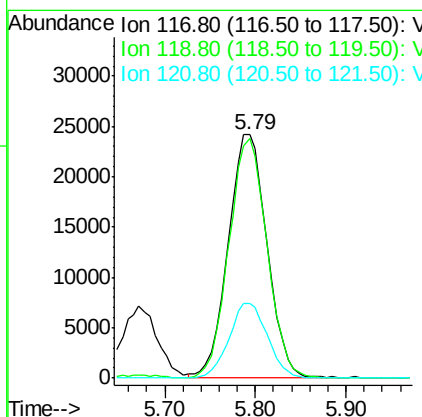
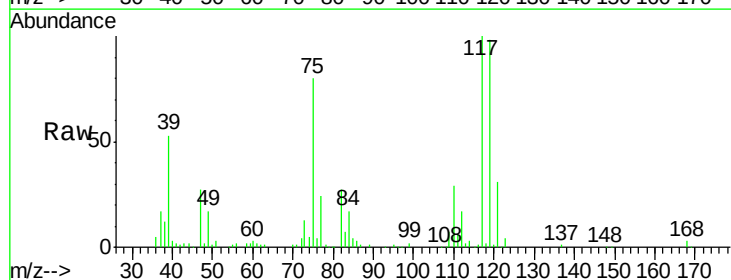
Instrument :
MSVOA_X
ClientSampleId :

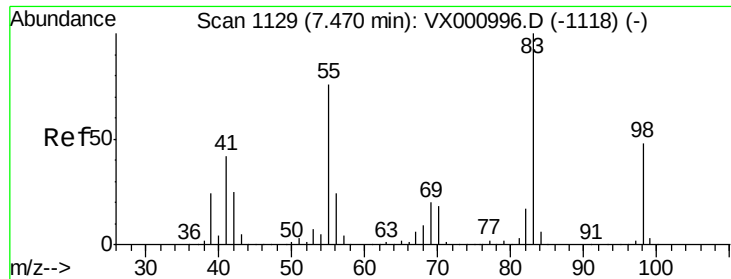
Tot Ion: 43 Resp: 66882
Ion Ratio Lower Upper
43 100
61 13.8 10.7 16.1
70 10.6 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.00 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 117 Resp: 71893
Ion Ratio Lower Upper
117 100
119 98.5 76.5 114.7
121 30.9 24.5 36.7

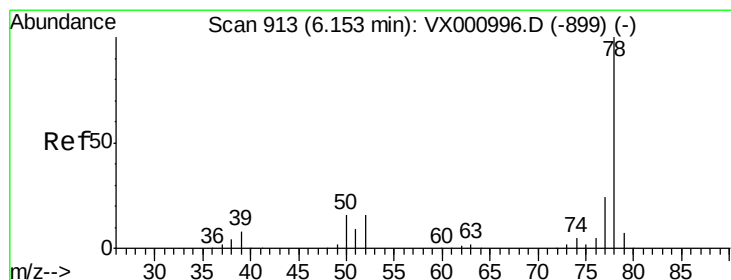
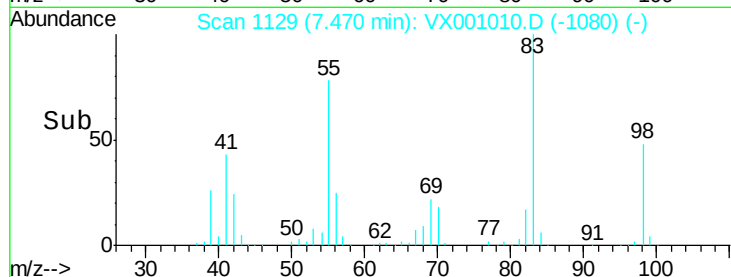
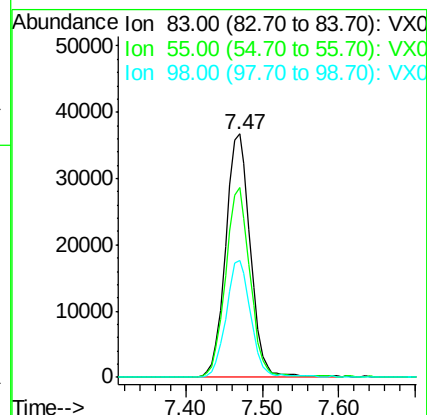
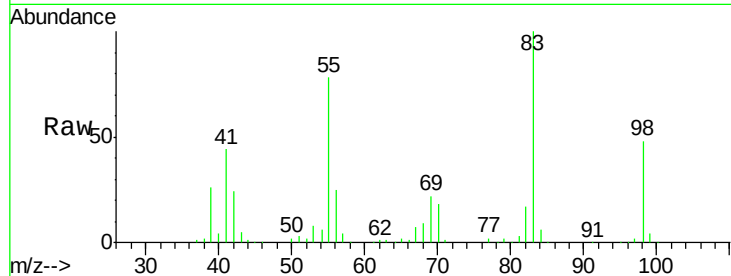




#39
Methylvlcyclohexane
Concen: 18.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

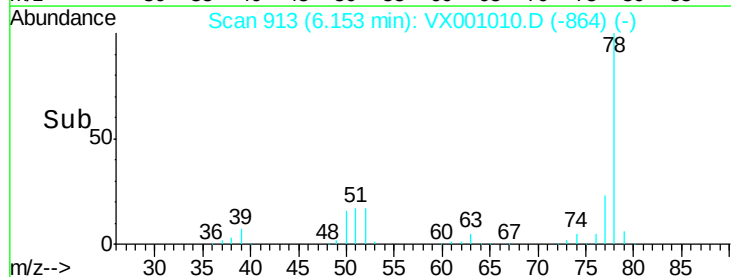
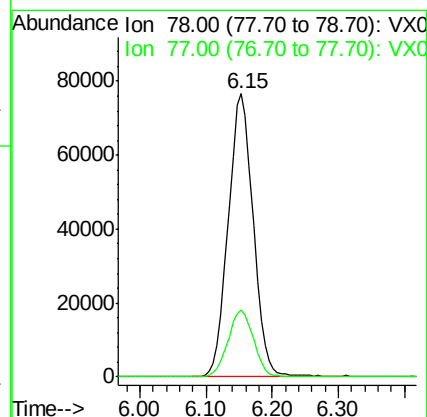
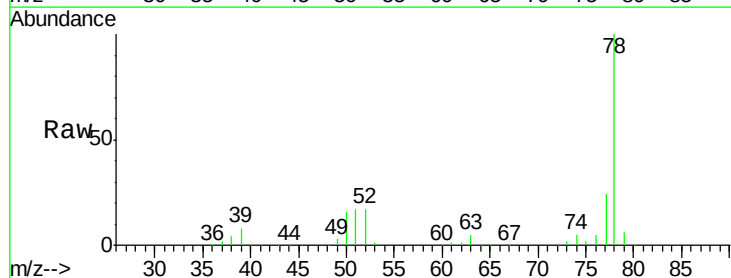
Instrument :
MSVOA_X
ClientSampled :

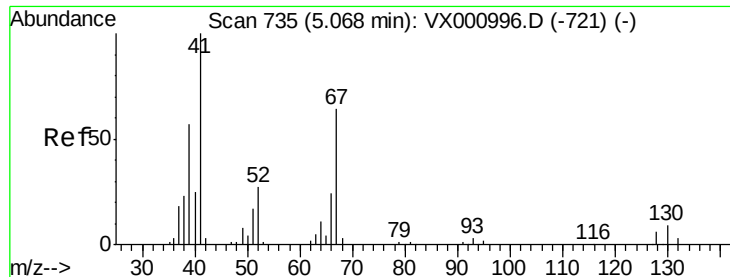
Tot Ion	83	Resp	82346
Ion Ratio	100		
Lower	60.6		
Upper	91.0		
55	78.1		
98	48.0		
	38.2		
	57.4		



#40
Benzene
Concen: 19.38 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion	78	Resp	201335
Ion Ratio	100		
Lower	18.9		
Upper	28.3		
77	23.9		

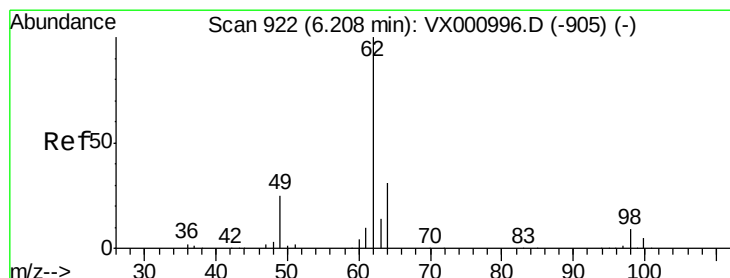
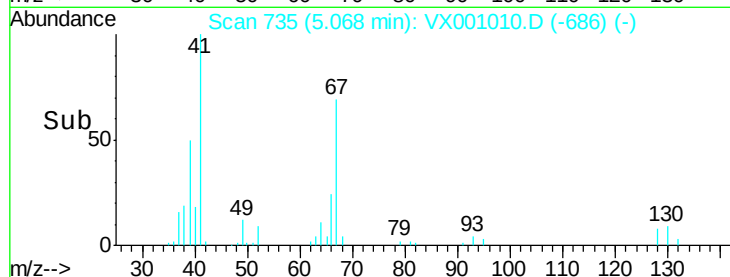
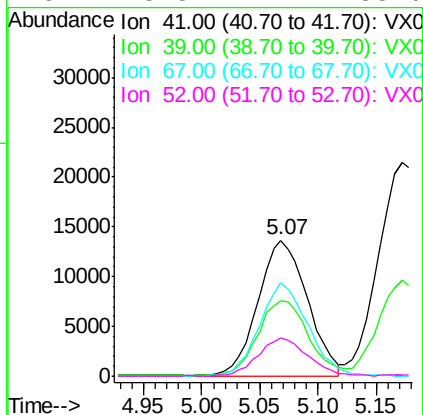
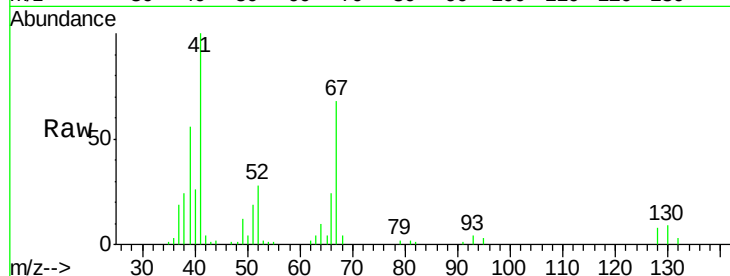




#41
Methacrylonitrile
Concen: 18.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

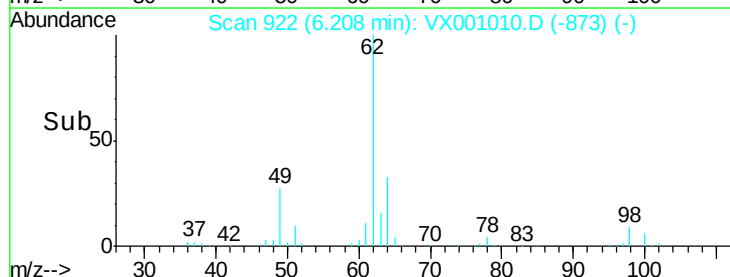
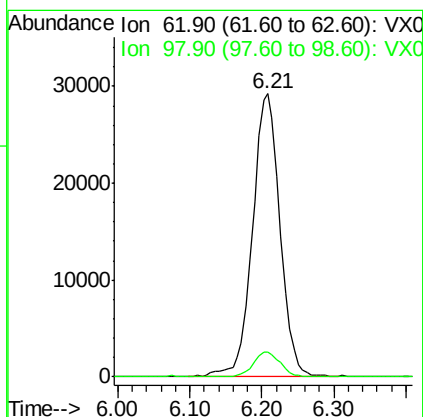
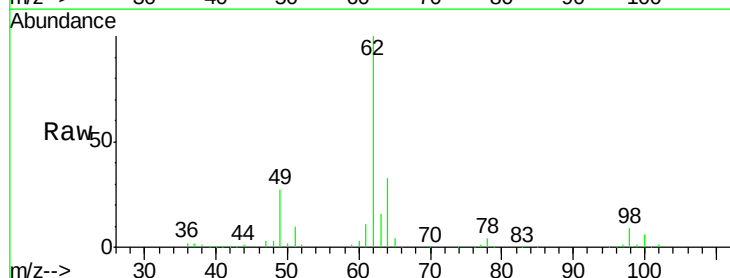
Instrument :
MSVOA_X
ClientSampled :

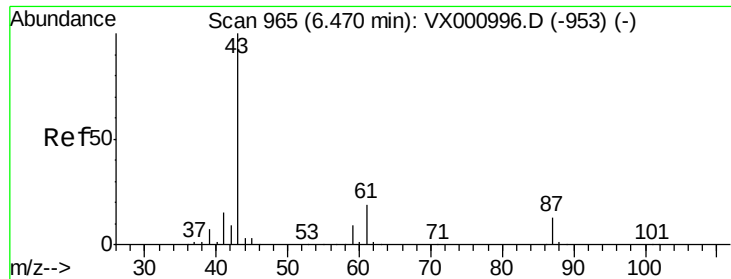
Tot Ion:	41	Resp:	39936
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.2	67.8
67	67.7	53.8	80.8
52	28.8	22.4	33.6



#42
1,2-Dichloroethane
Concen: 19.42 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion:	62	Resp:	77430
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 19.52 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

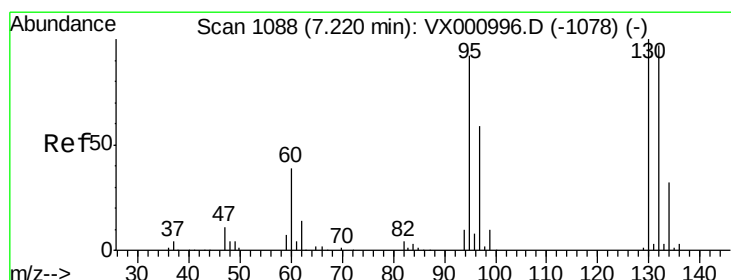
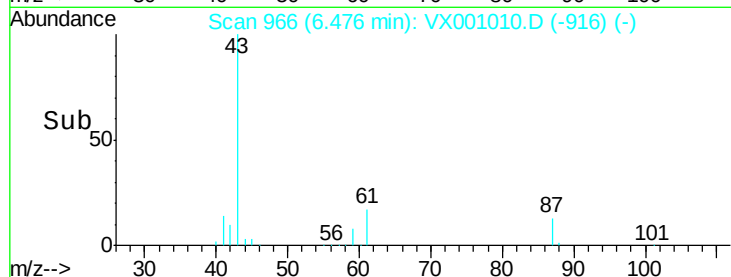
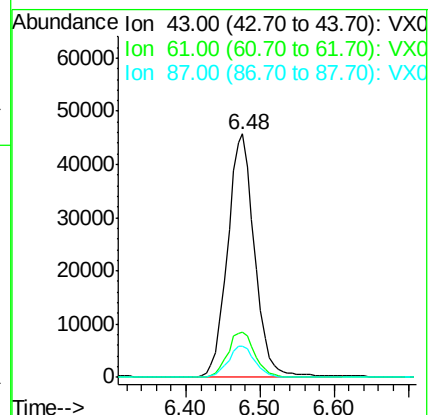
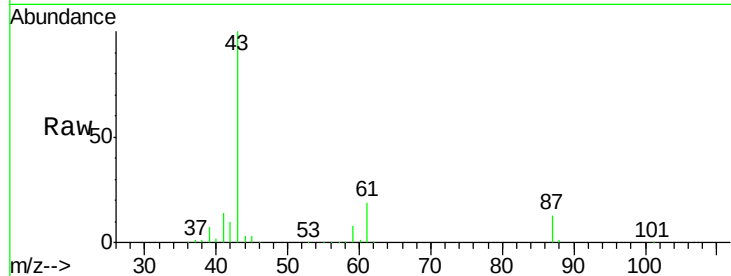
Tot Ion: 43 Resp: 114771

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.2

87 13.0 10.6 15.8



#44

Trichloroethene

Concen: 19.43 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001010.D

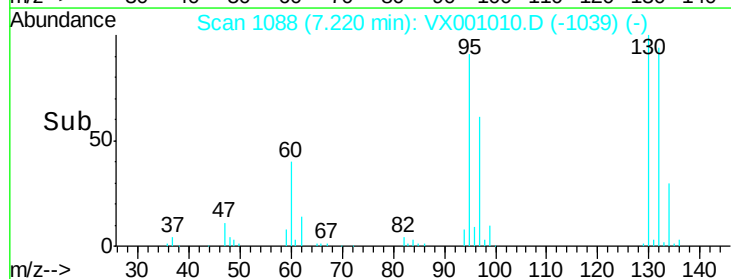
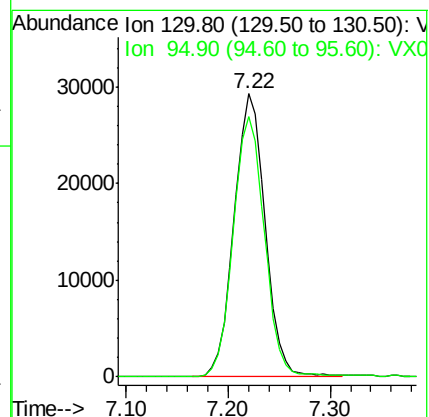
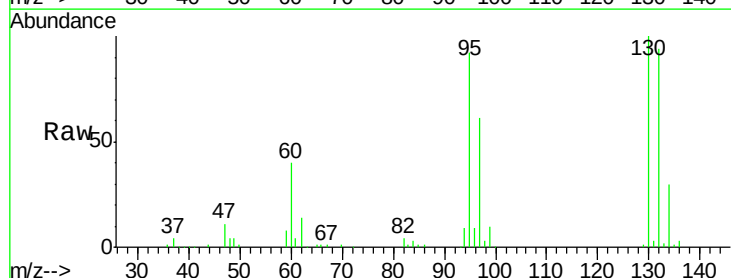
Acq: 20 Apr 2018 15:52

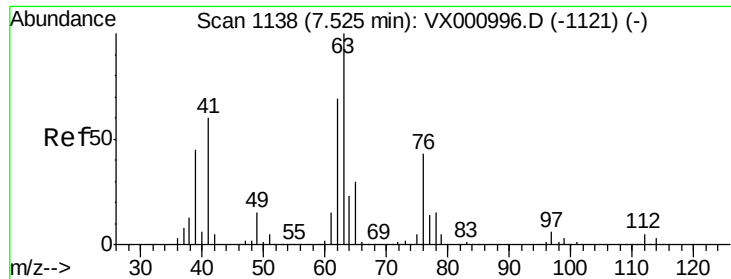
Tgt Ion:130 Resp: 61686

Ion Ratio Lower Upper

130 100

95 91.9 0.0 184.2

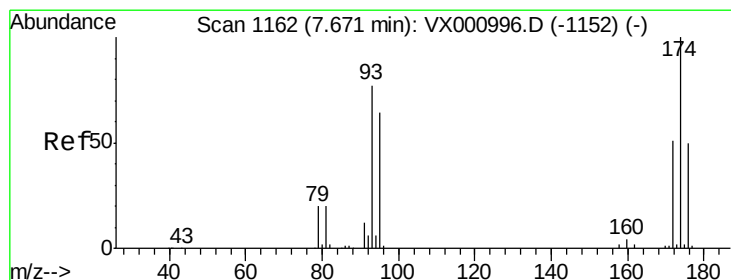
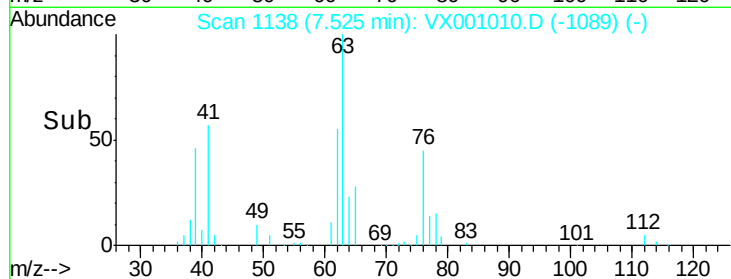
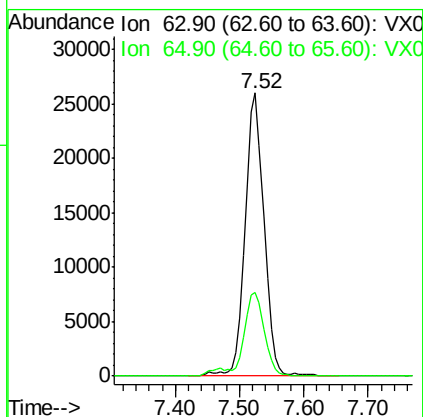
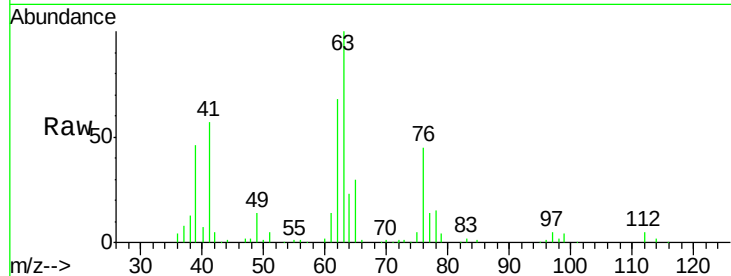




#45
1,2-Dichloropropane
Concen: 20.01 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

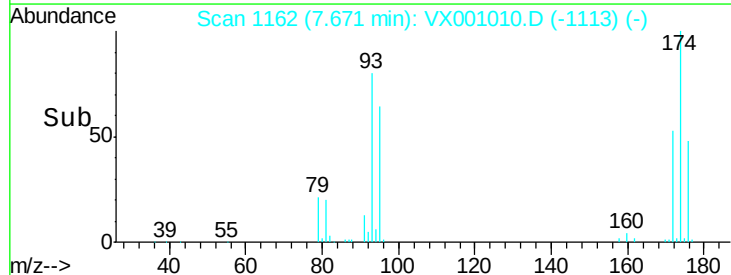
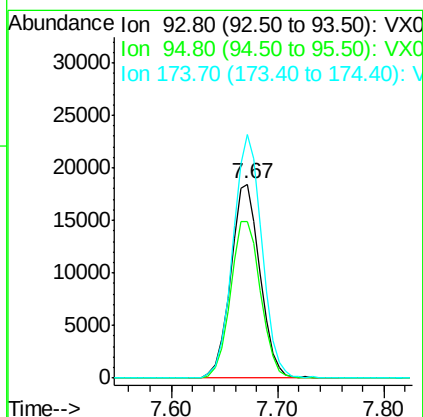
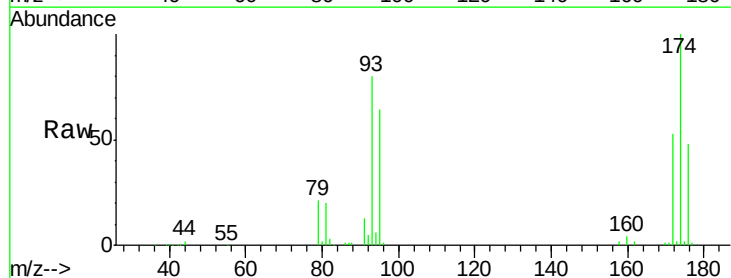
Instrument :
MSVOA_X
ClientSampleId :

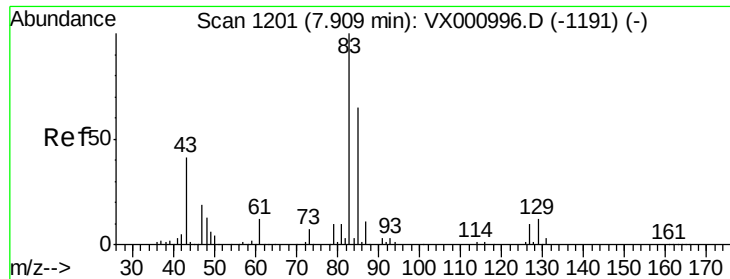
Tot Ion: 63 Resp: 52279
Ion Ratio Lower Upper
63 100
65 29.7 24.4 36.6



#46
Dibromomethane
Concen: 19.49 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 93 Resp: 35580
Ion Ratio Lower Upper
93 100
95 83.0 66.7 100.1
174 124.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.13 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

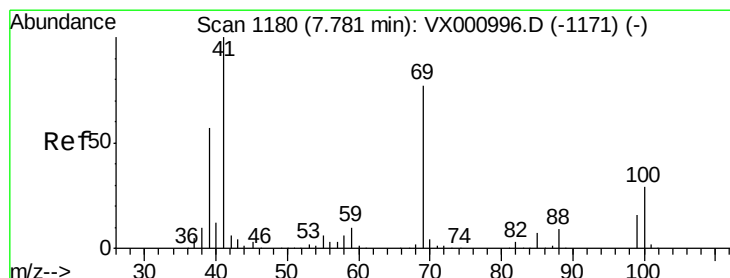
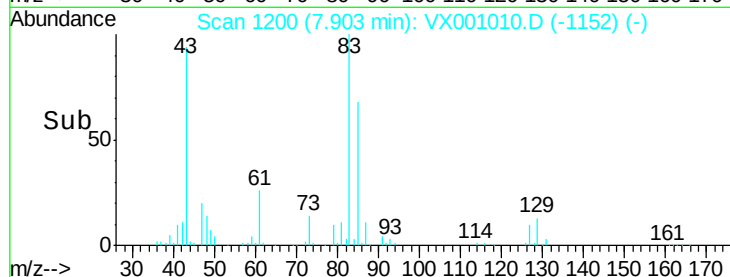
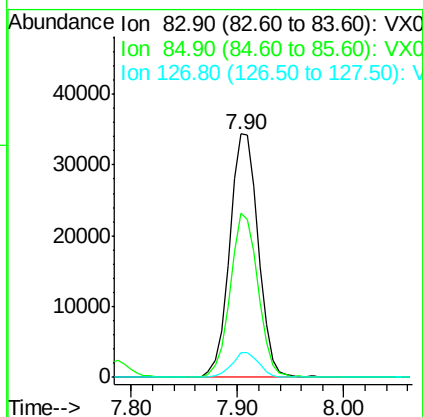
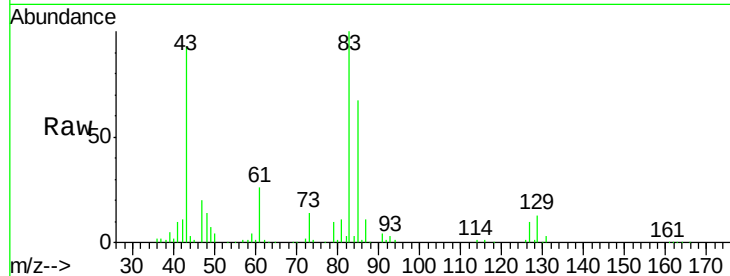
Tot Ion: 83 Resp: 64682

Ion Ratio Lower Upper

83 100

85 67.3 52.3 78.5

127 10.2 7.8 11.6



#48

Methyl methacrylate

Concen: 19.38 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

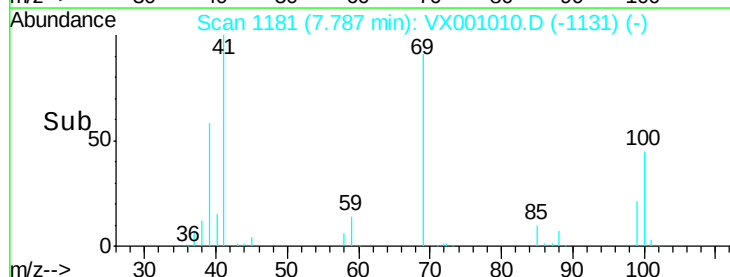
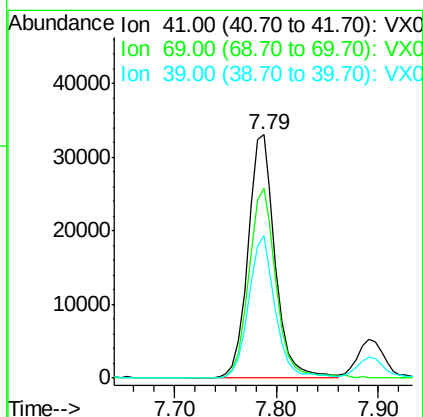
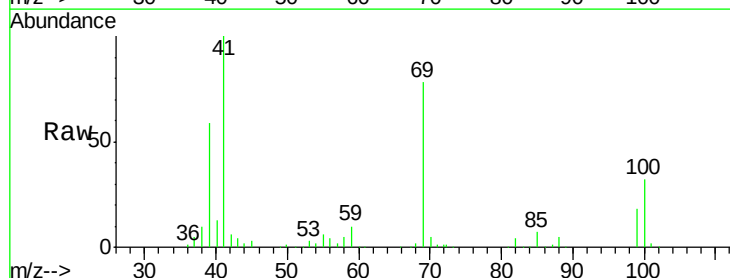
Tgt Ion: 41 Resp: 61367

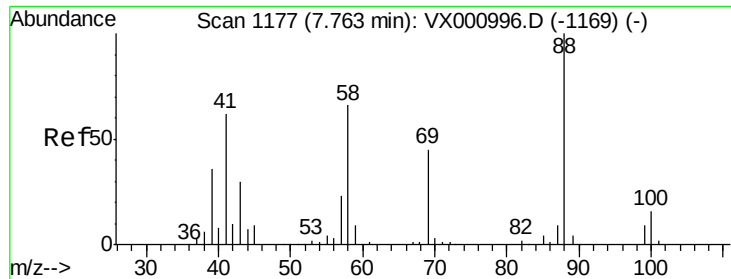
Ion Ratio Lower Upper

41 100

69 78.1 62.6 94.0

39 57.4 45.3 67.9

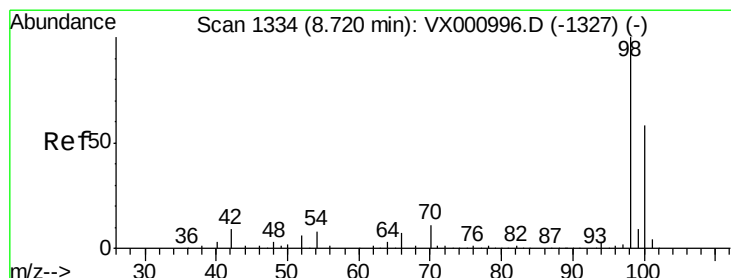
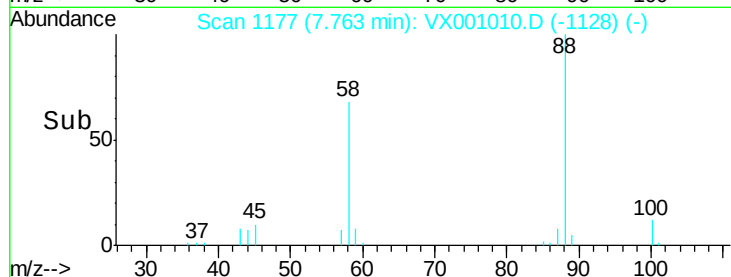
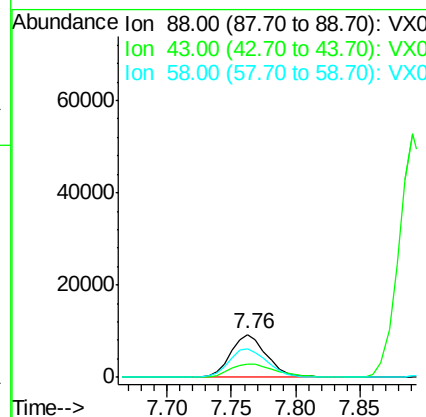
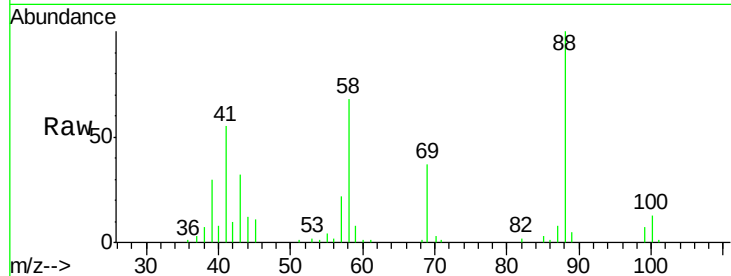




#49
1,4-Dioxane
Concen: 387.28 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

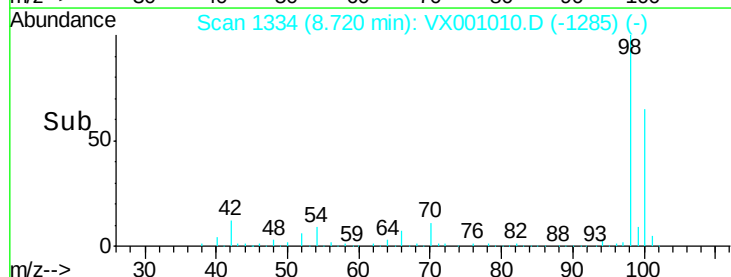
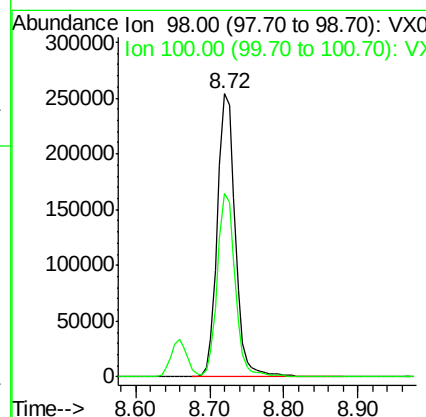
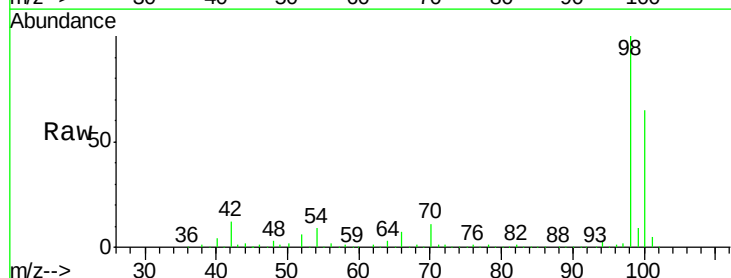
Instrument :
MSVOA_X
ClientSampled :

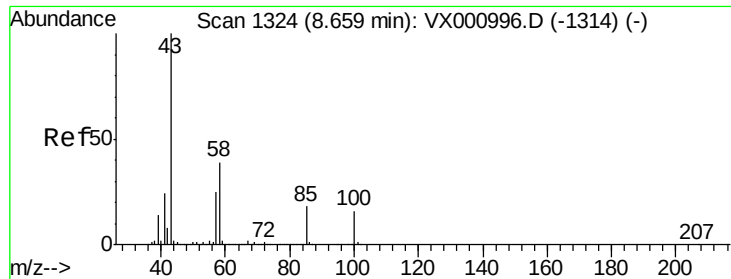
Tot Ion: 88 Resp: 18034
Ion Ratio Lower Upper
88 100
43 39.5 29.2 43.8
58 72.8 55.0 82.6



#50
Toluene-d8
Concen: 46.86 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 98 Resp: 420183
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

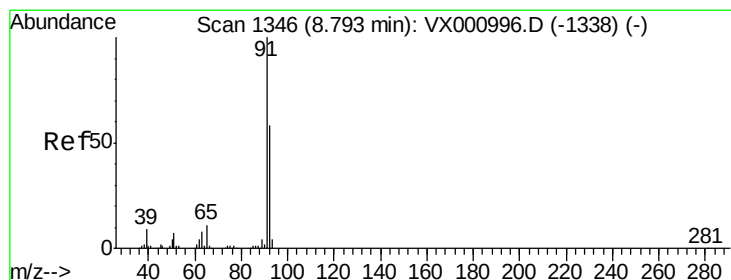
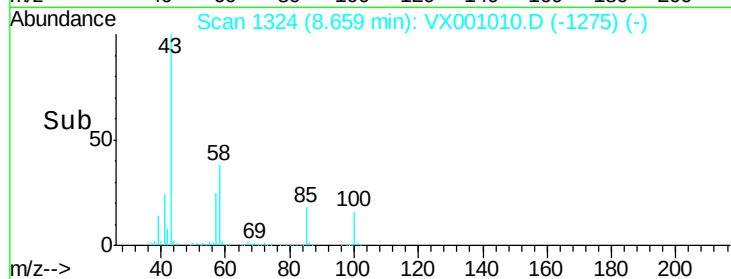
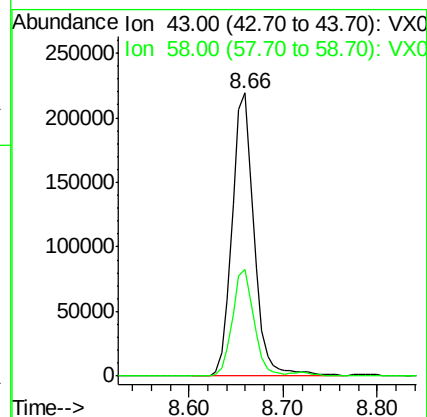
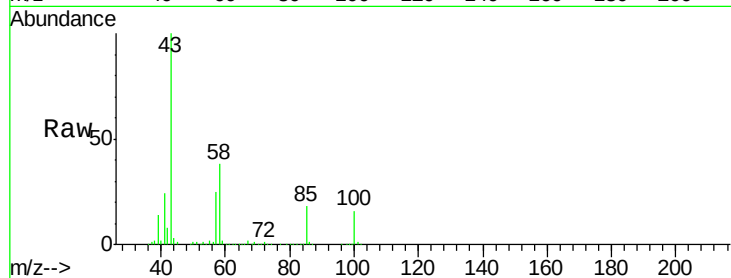




#51
 4-Methyl-2-Pentanone
 Concen: 99.52 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

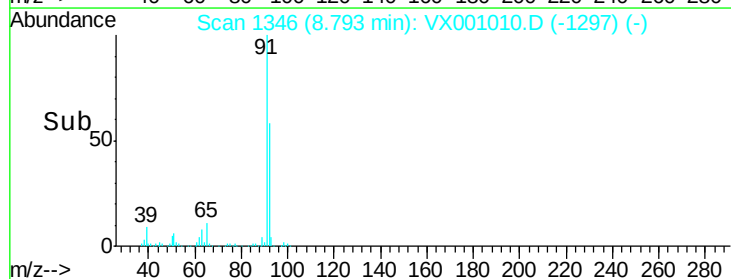
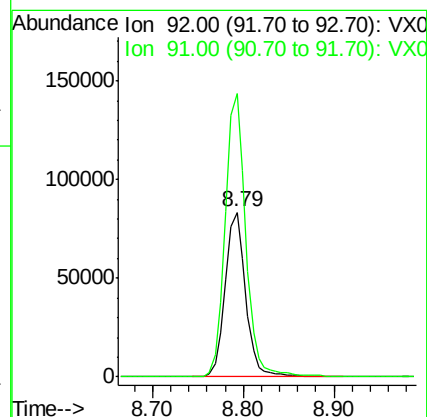
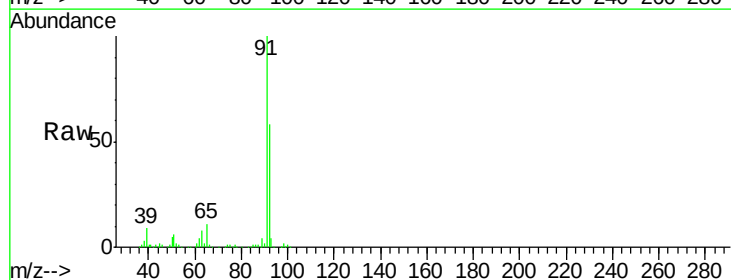
Instrument :
 MSVOA_X
 ClientSampleID :

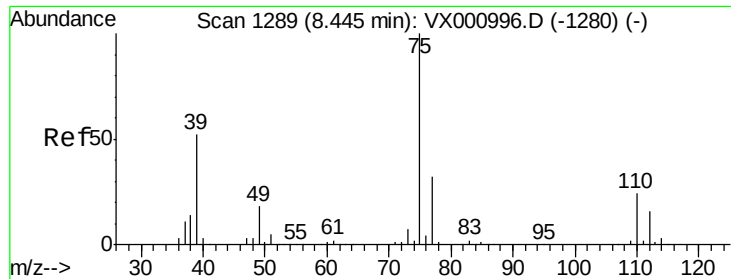
Tot Ion: 43 Resp: 355355
 Ion Ratio Lower Upper
 43 100
 58 36.9 30.2 45.4



#52
 Toluene
 Concen: 19.57 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion: 92 Resp: 132719
 Ion Ratio Lower Upper
 92 100
 91 172.4 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.51 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

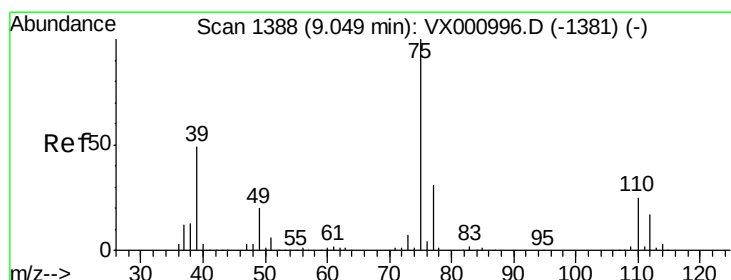
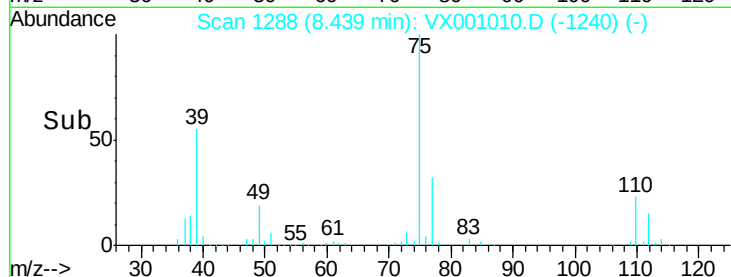
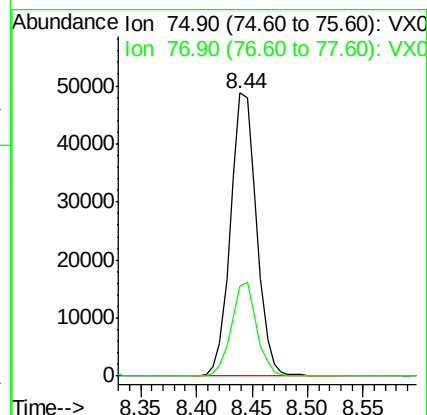
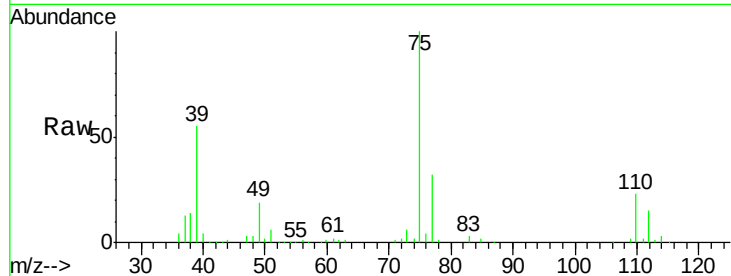
ClientSampled :

Tot Ion: 75 Resp: 78913

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.48 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

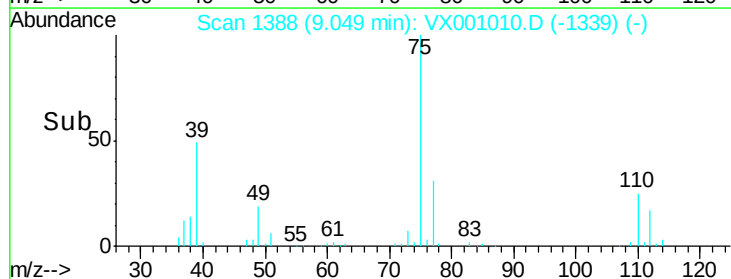
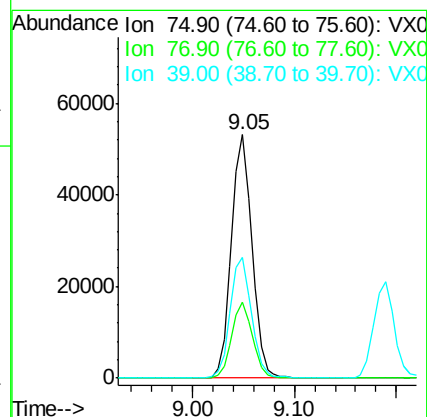
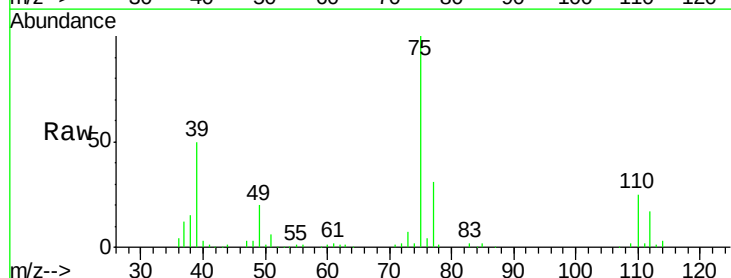
Tgt Ion: 75 Resp: 74296

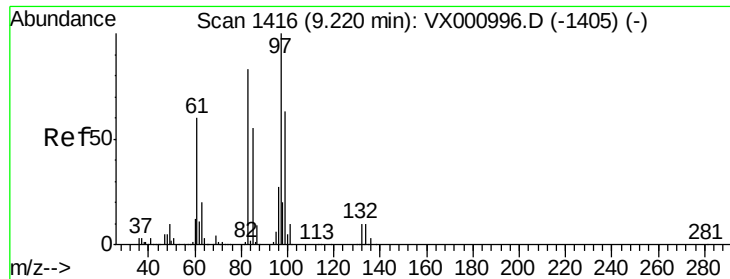
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 49.5 39.2 58.8

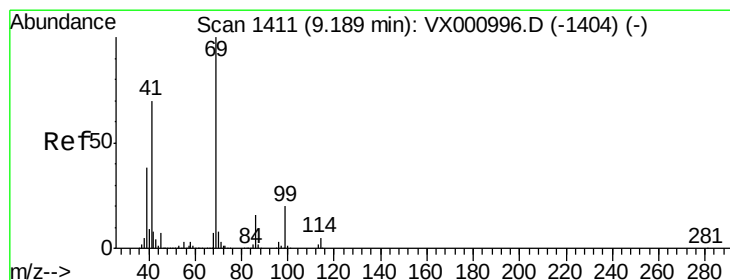
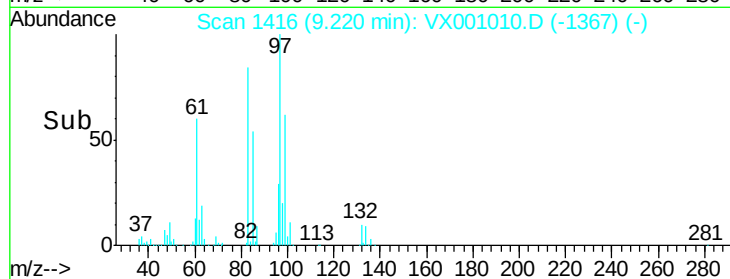
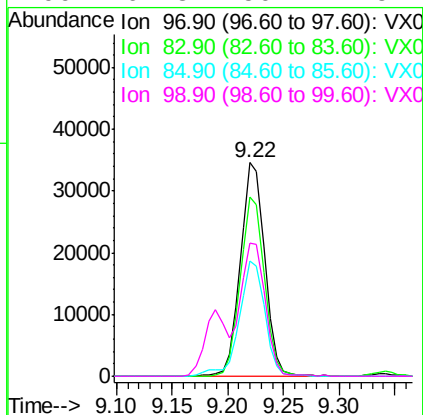
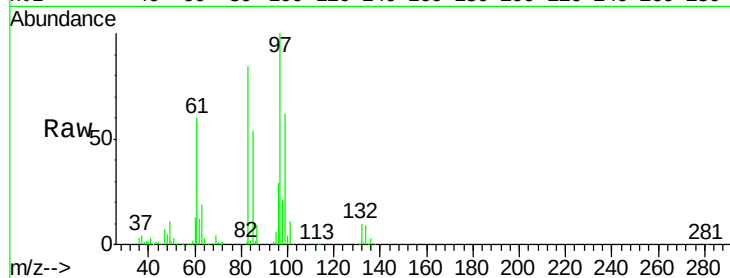




#55
 1,1,2-Trichloroethane
 Concen: 19.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

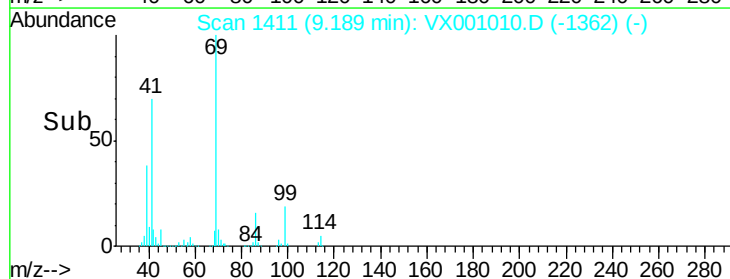
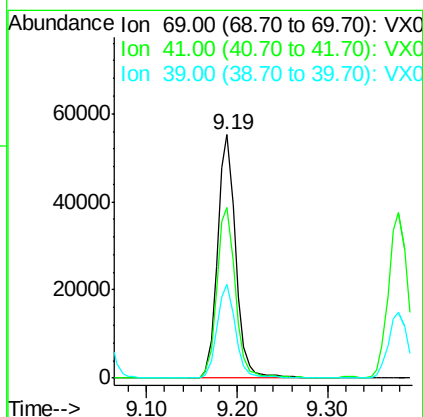
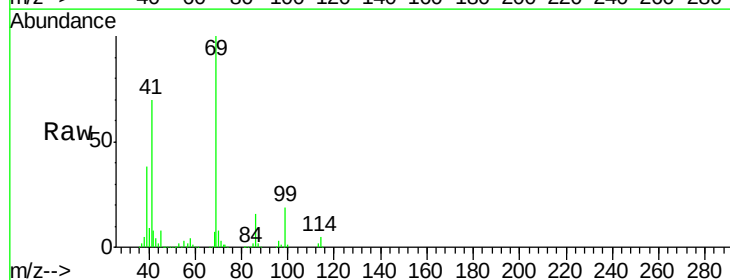
Instrument :
 MSVOA_X
 ClientSampled :

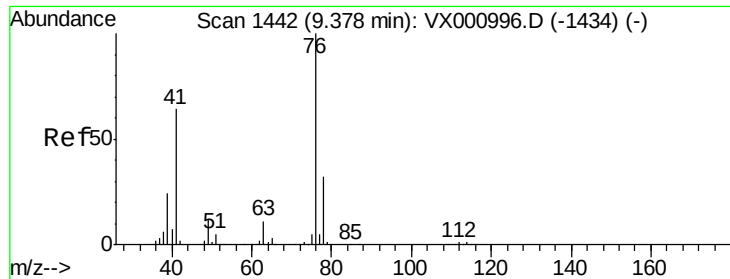
Tot Ion:	97	Resp:	52516
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.2	99.4
85	53.8	44.2	66.4
99	62.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.68 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion:	69	Resp:	77888
Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.3	84.5
39	38.8	30.4	45.6

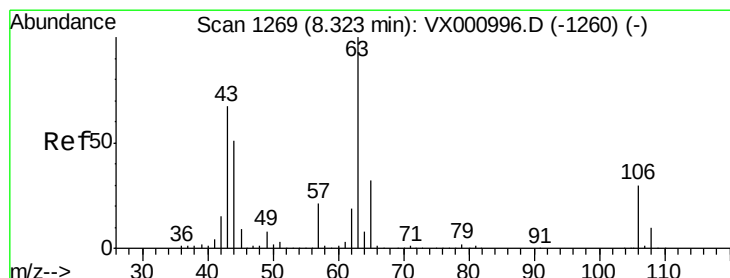
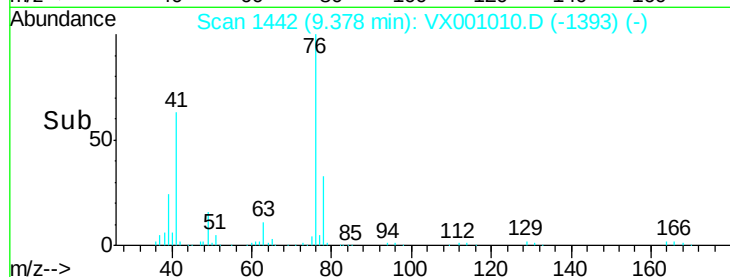
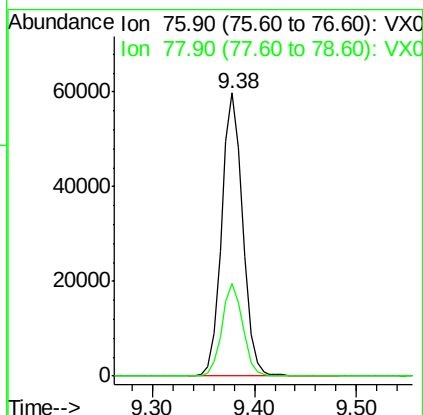
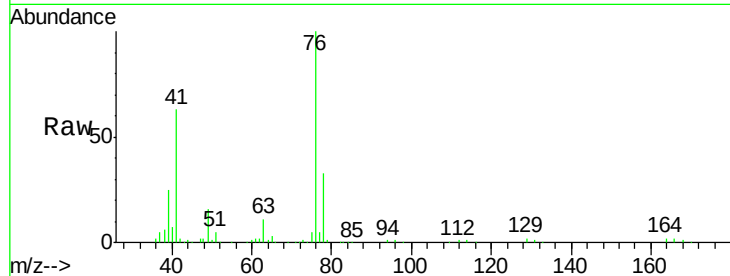




#57
 1,3-Dichloropropane
 Concen: 19.22 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

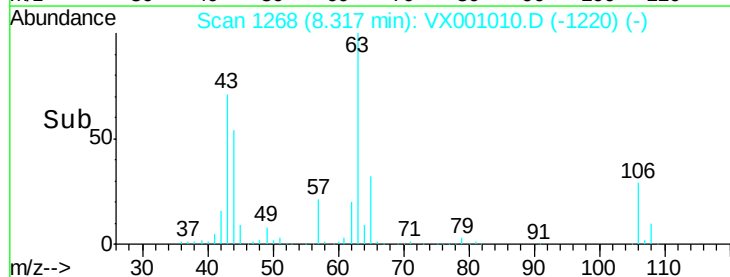
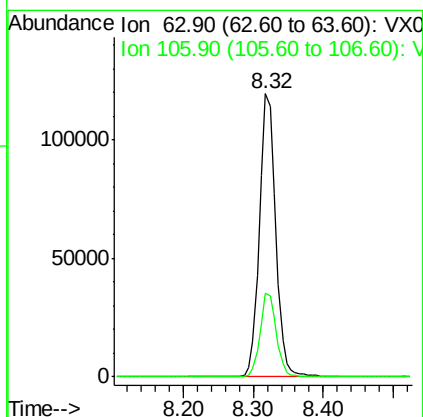
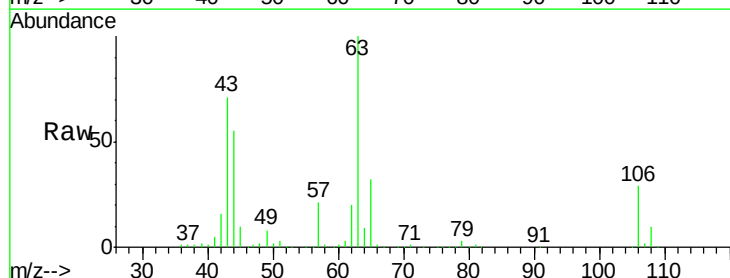
Instrument :
 MSVOA_X
 ClientSampleId :

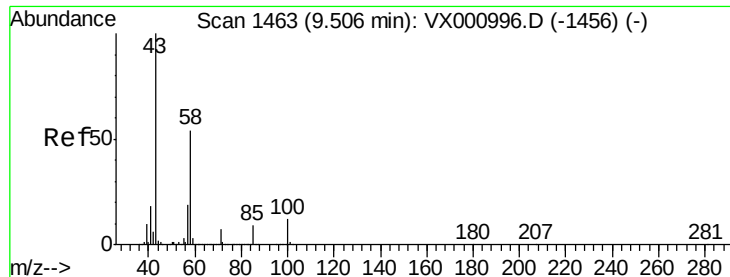
Tot Ion: 76 Resp: 85812
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.42 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion: 63 Resp: 194004
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.8 35.6

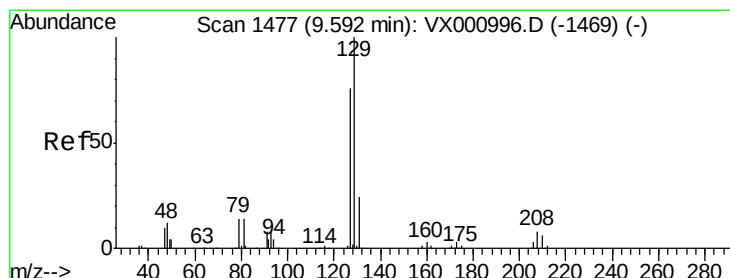
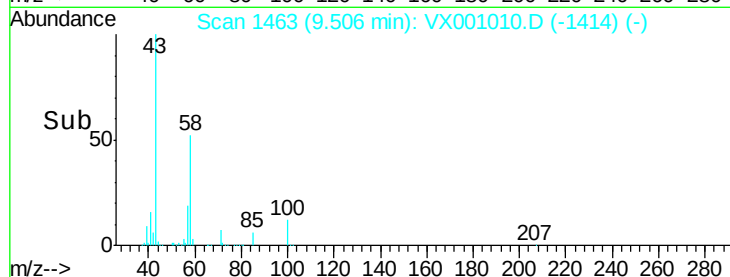
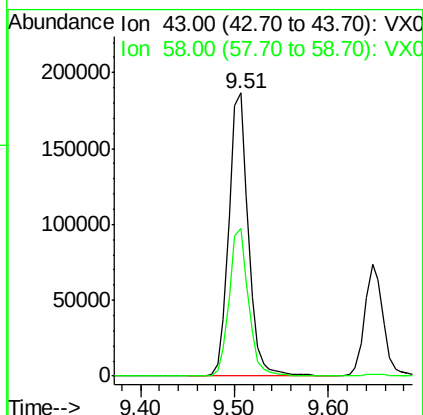
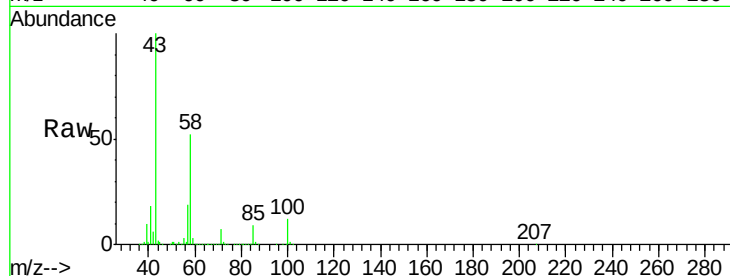




#59
2-Hexanone
Concen: 97.87 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

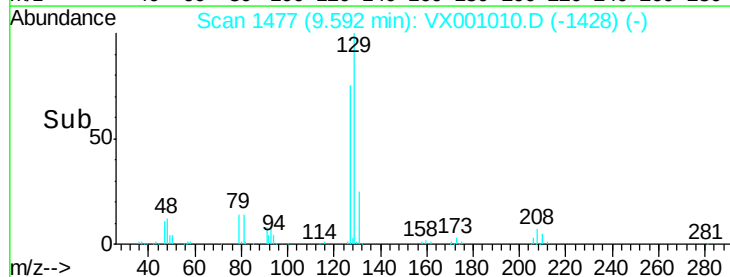
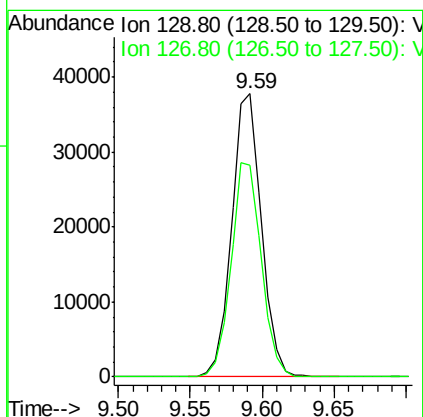
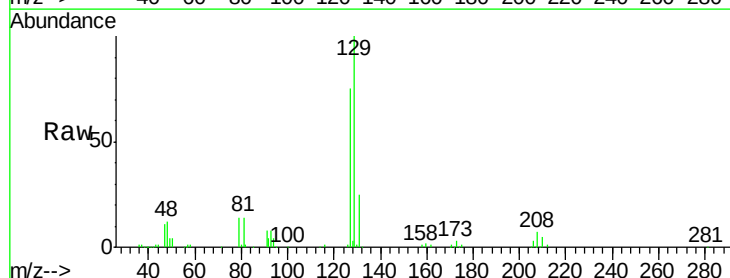
Instrument :
MSVOA_X
ClientSampleId :

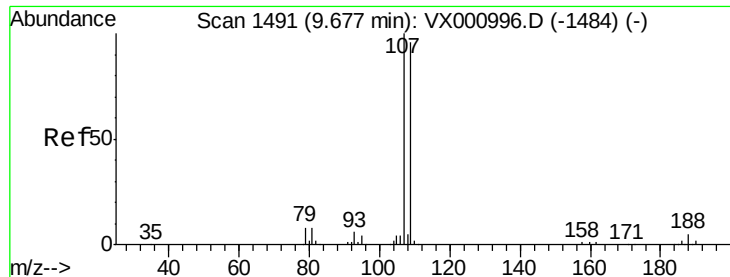
Tot Ion: 43 Resp: 267487
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.9



#60
Dibromochloromethane
Concen: 19.26 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 129 Resp: 54515
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.67 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

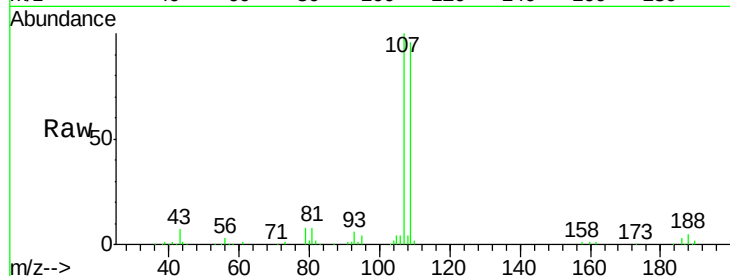
ClientSampleId :

Tot Ion:107 Resp: 55939

Ion Ratio Lower Upper

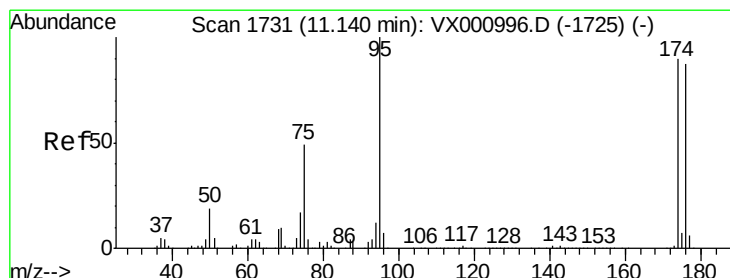
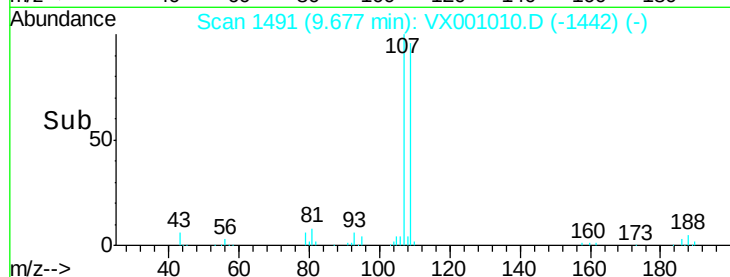
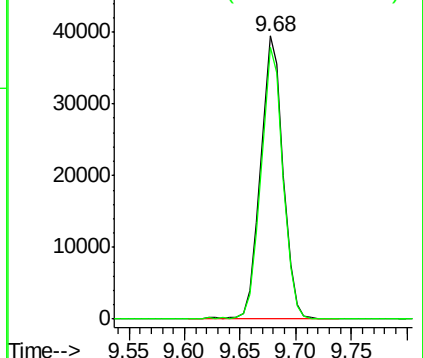
107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

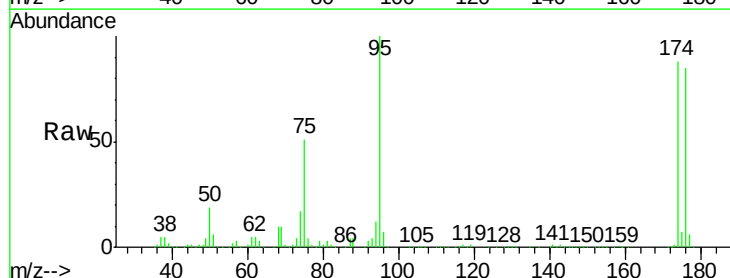
Tgt Ion: 95 Resp: 175450

Ion Ratio Lower Upper

95 100

174 97.4 0.0 198.4

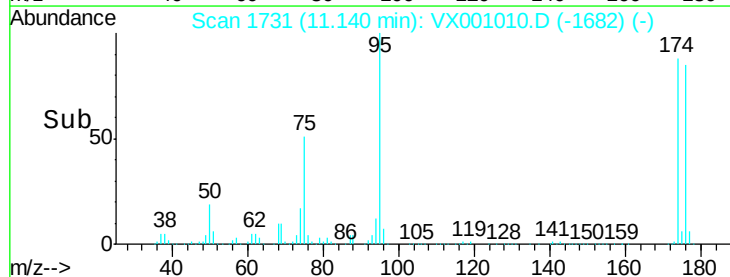
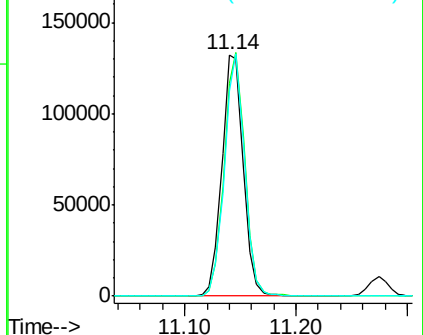
176 94.6 0.0 192.0

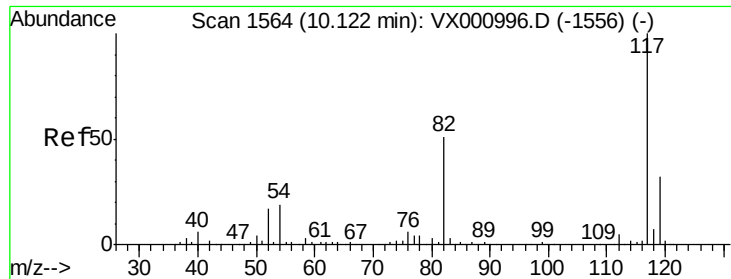


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

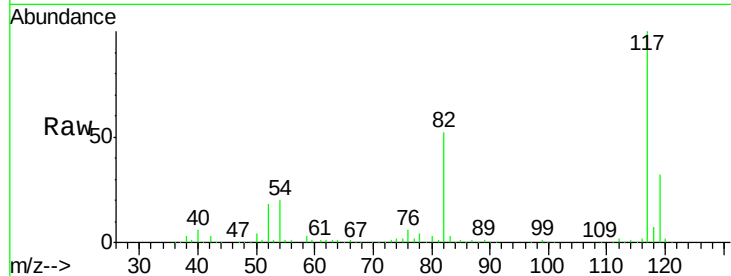




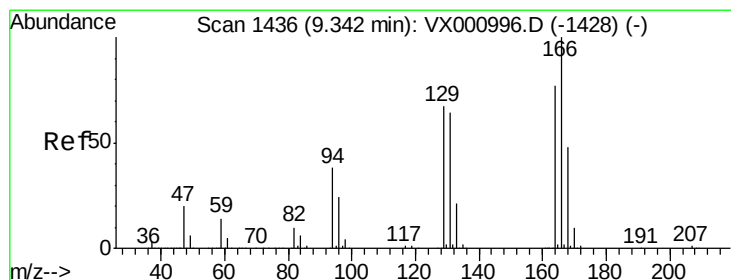
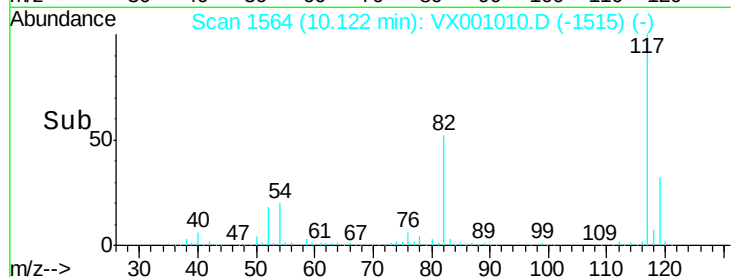
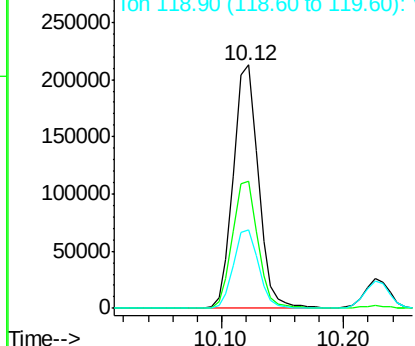
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 301466
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 32.4 26.0 39.0

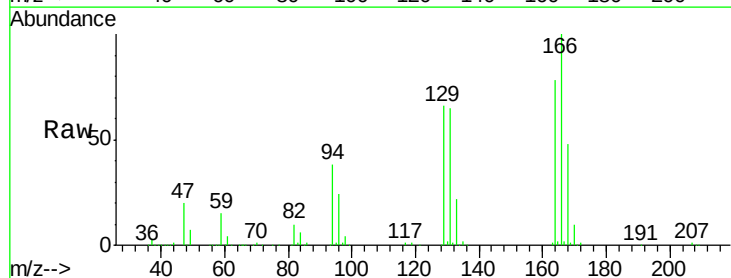


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

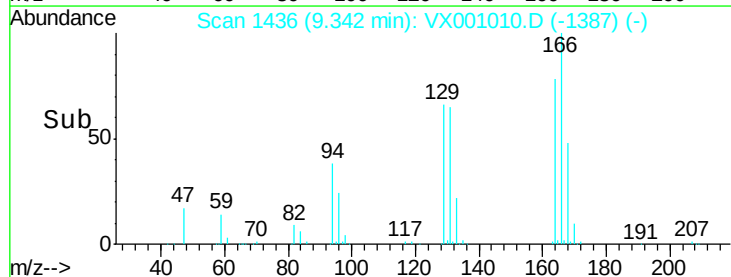
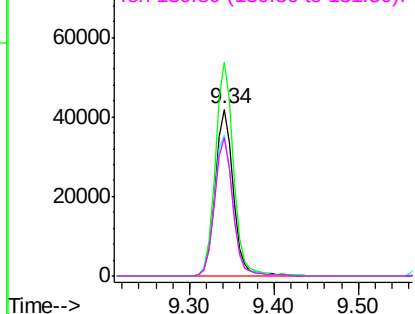


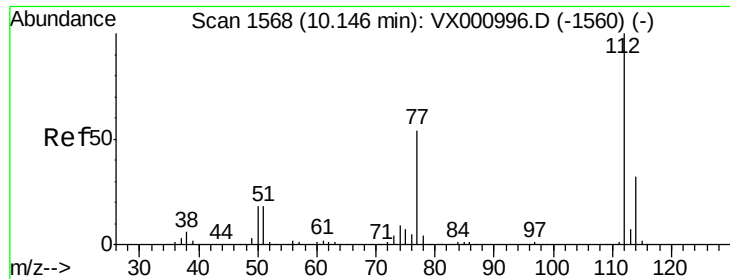
#64
Tetrachloroethene
Concen: 19.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion:164 Resp: 62836
Ion Ratio Lower Upper
164 100
166 127.9 103.5 155.3
129 84.3 69.6 104.4
131 82.5 65.8 98.8



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

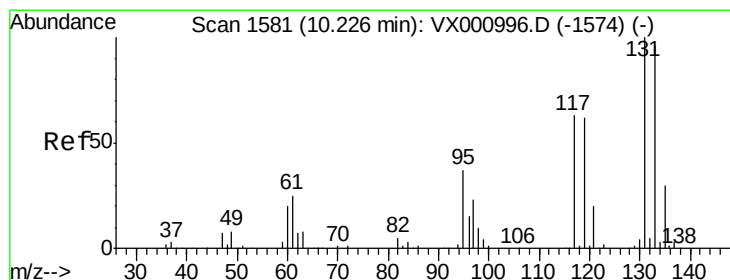
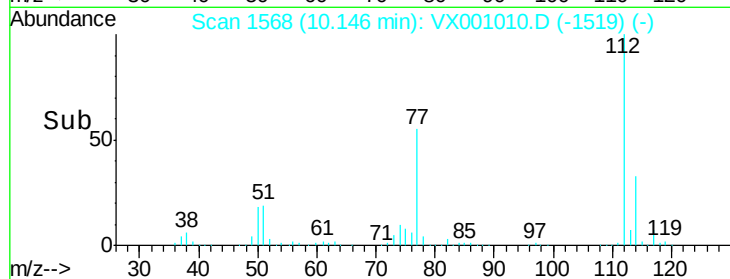
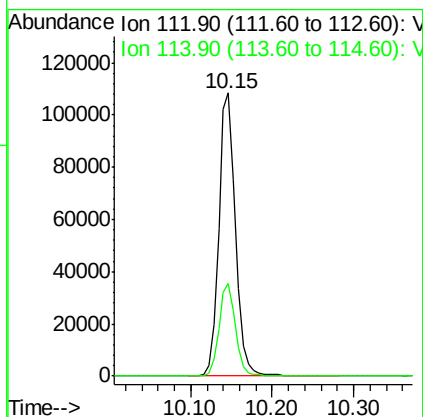
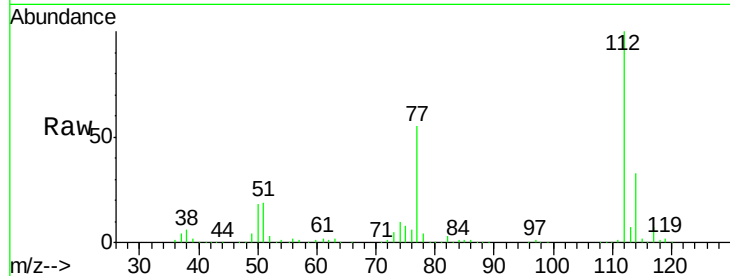




#65
Chlorobenzene
Concen: 19.36 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

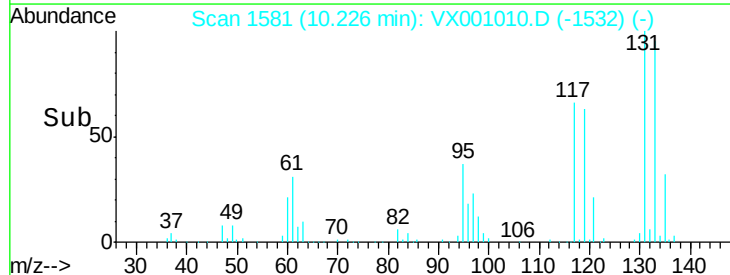
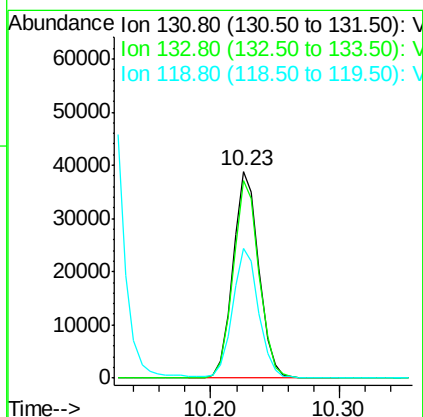
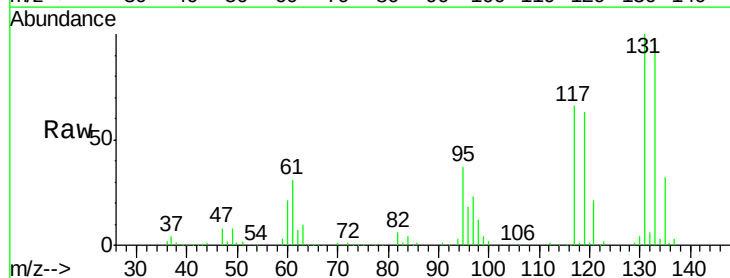
Instrument :
MSVOA_X
ClientSampled :

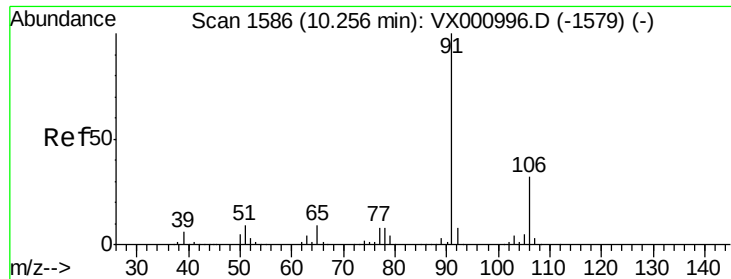
Tot Ion:112 Resp: 155412
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion:131 Resp: 54149
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.8
119 63.4 31.1 93.2

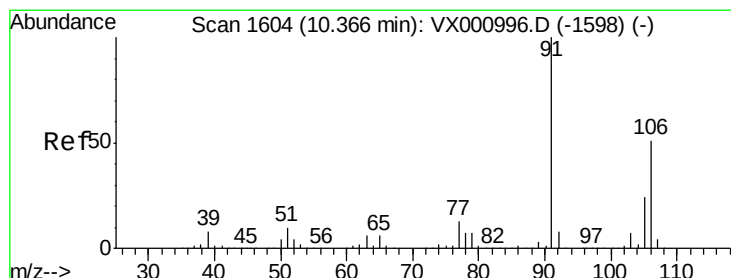
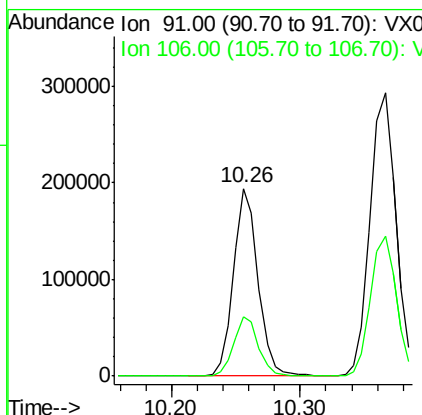
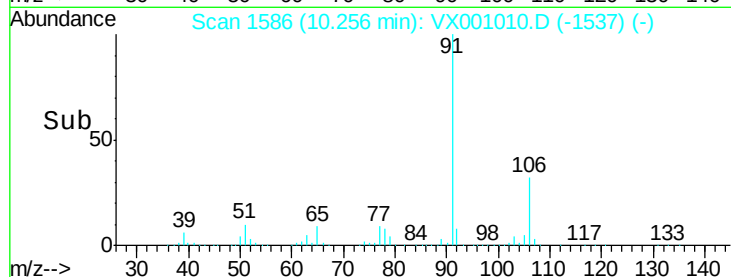
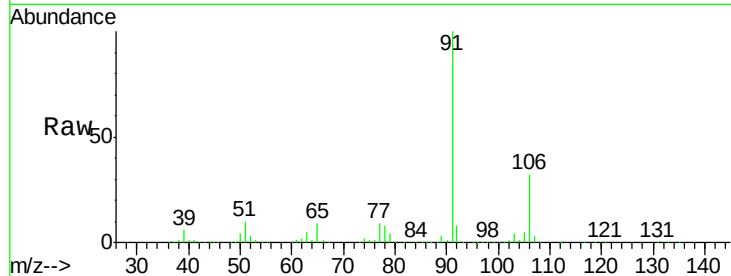




#67
Ethyl Benzene
Concen: 19.46 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

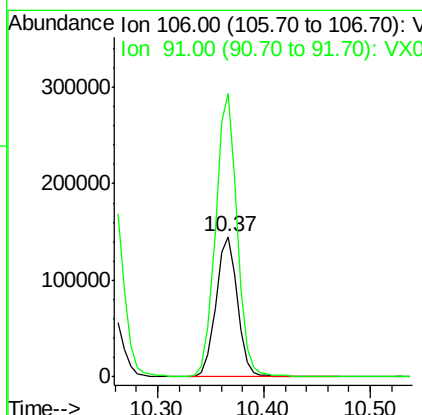
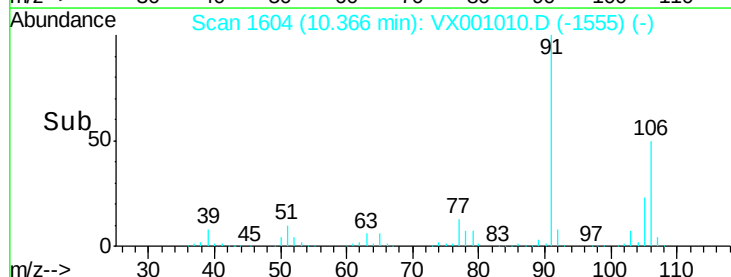
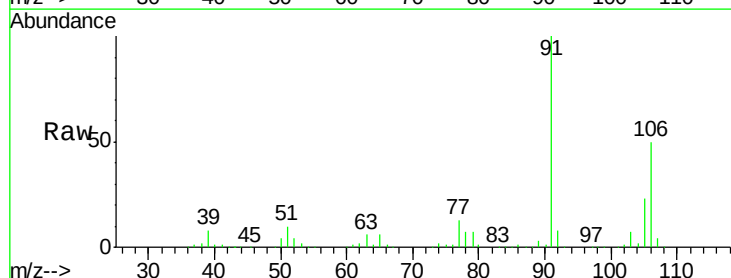
Instrument :
MSVOA_X
ClientSampleId :

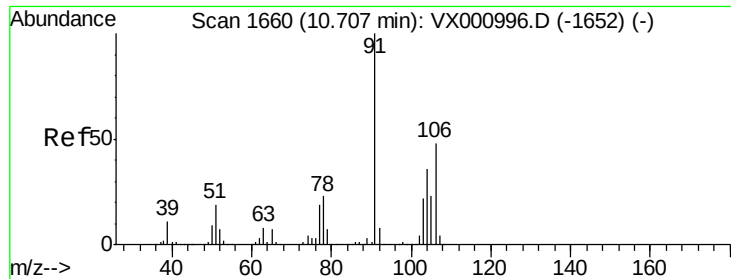
Tot Ion: 91 Resp: 259374
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 38.62 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 106 Resp: 202907
Ion Ratio Lower Upper
106 100
91 202.4 159.3 238.9

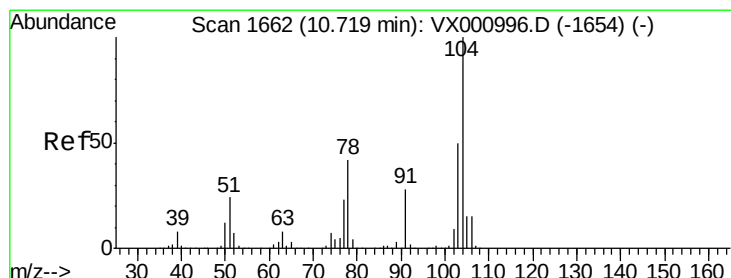
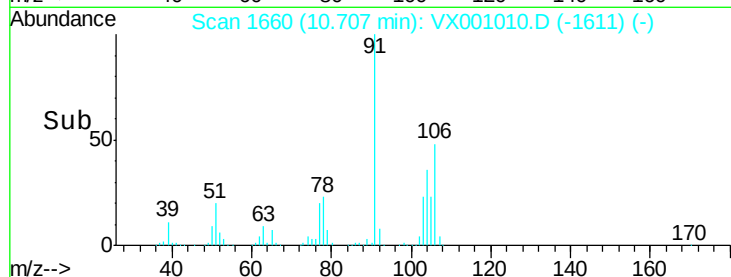
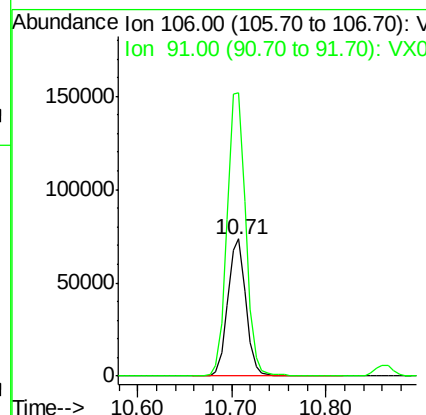
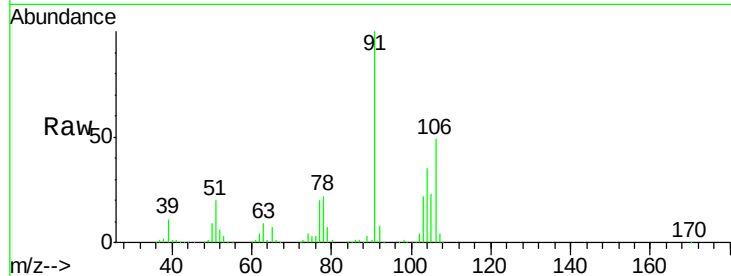




#69
o-Xylene
Concen: 19.35 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

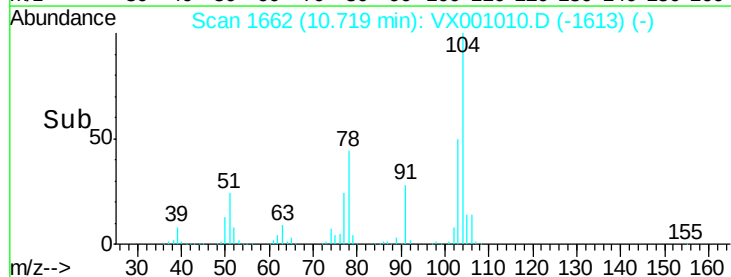
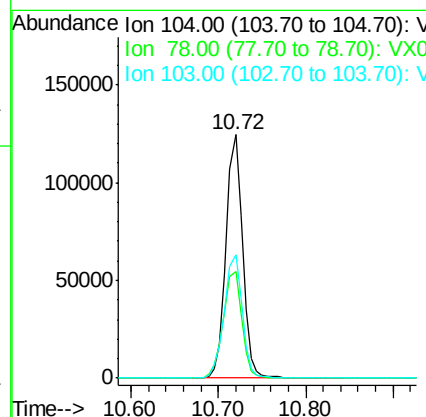
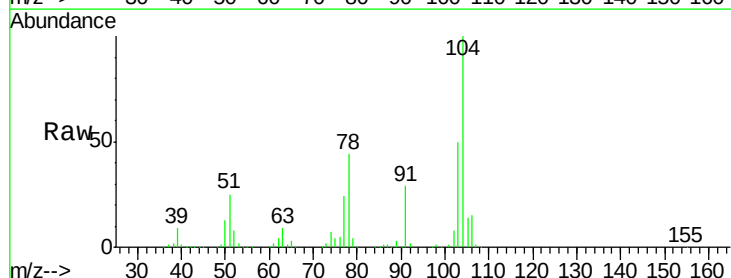
Instrument :
MSVOA_X
ClientSampleId :

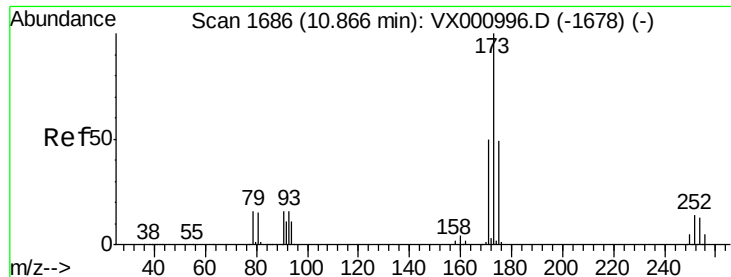
Tot Ion:106 Resp: 98010
Ion Ratio Lower Upper
106 100
91 213.1 105.1 315.1



#70
Styrene
Concen: 19.55 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion:104 Resp: 163123
Ion Ratio Lower Upper
104 100
78 49.4 39.4 59.2
103 55.0 44.2 66.2

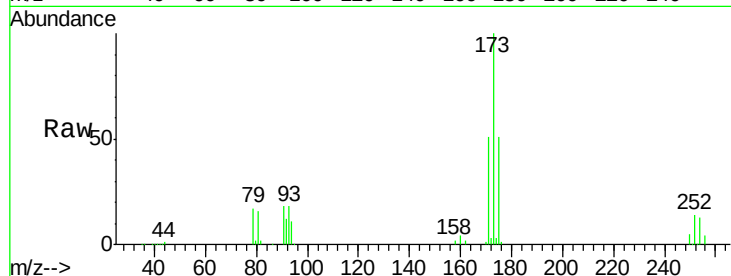




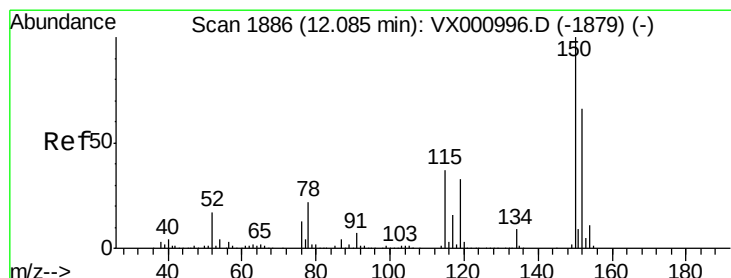
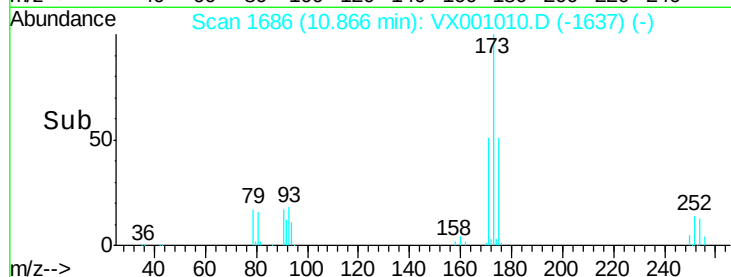
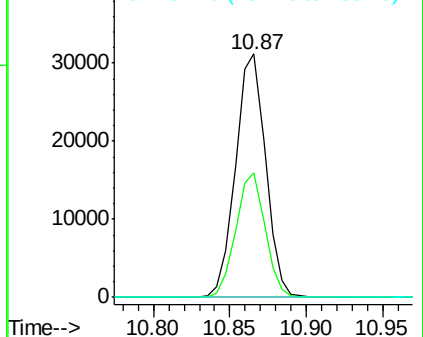
#71
Bromoform
Concen: 18.37 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 42432
Ion Ratio Lower Upper
173 100
175 49.7 24.8 74.3
254 0.1 0.2 0.2#

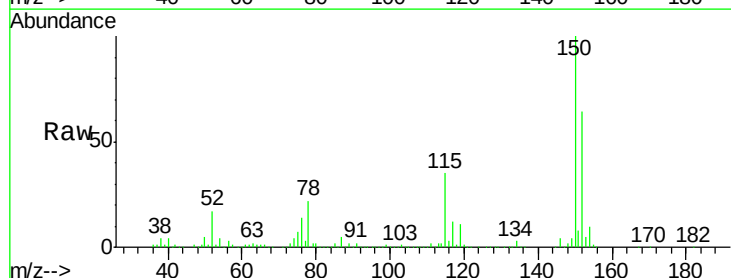


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

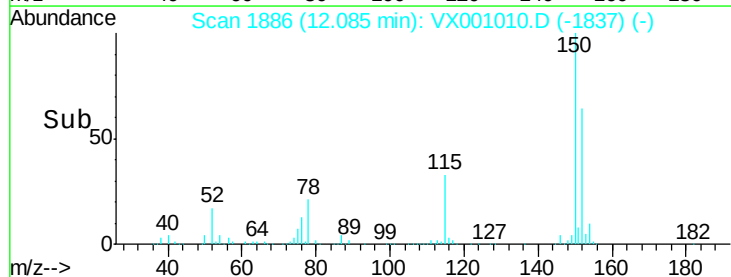
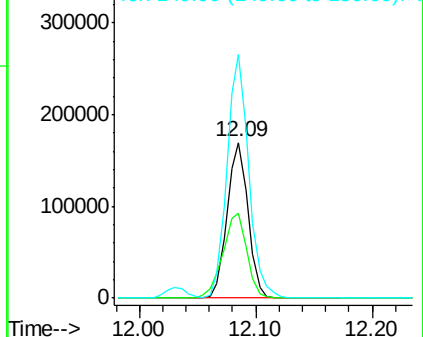


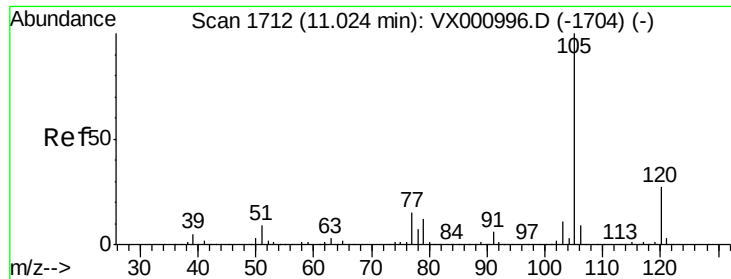
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion:152 Resp: 210184
Ion Ratio Lower Upper
152 100
115 62.0 38.2 114.6
150 162.6 0.0 350.4



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: 19.42 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

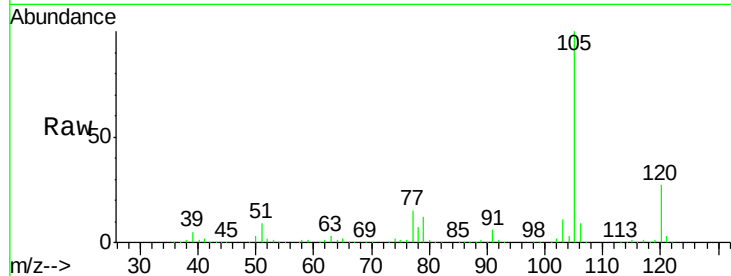
ClientSampleId :

Tot Ion:105 Resp: 266859

Ion Ratio Lower Upper

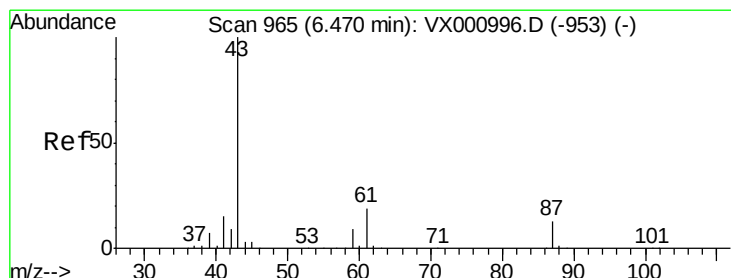
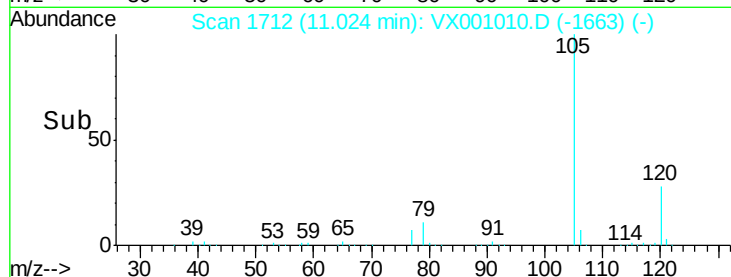
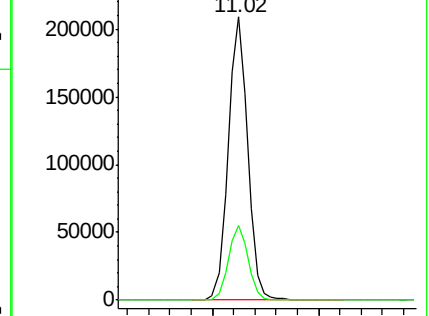
105 100

120 26.7 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.53 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Tgt Ion: 43 Resp: 114771

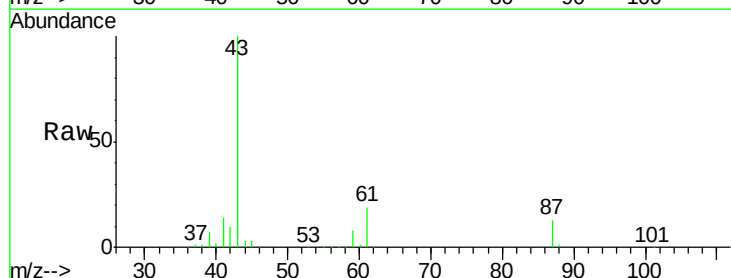
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.9 15.4 23.2

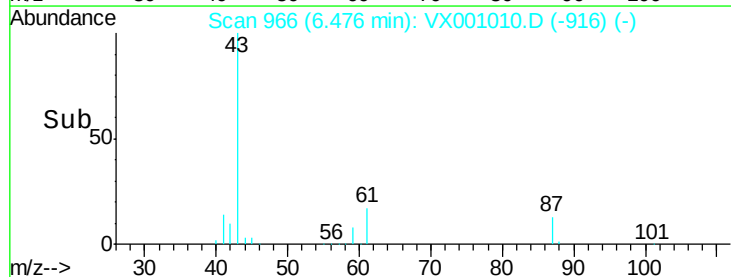
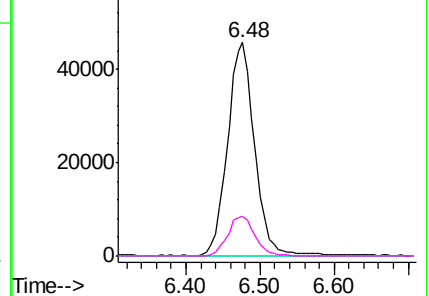


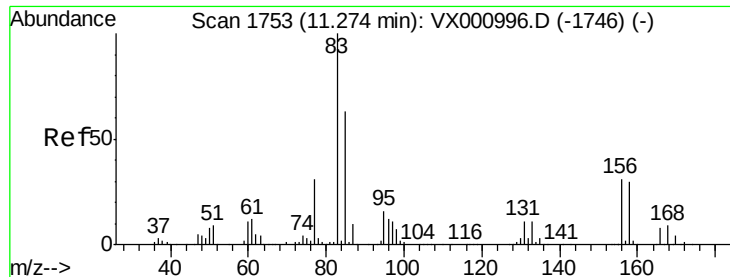
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.65 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

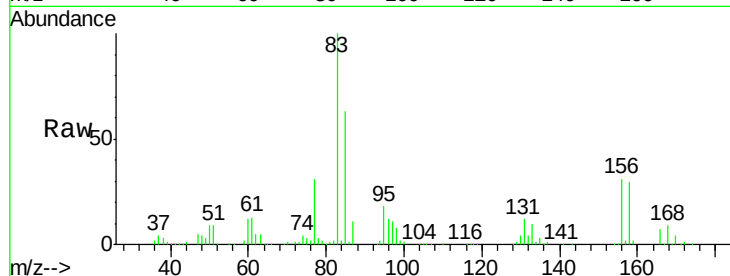
Tot Ion: 83 Resp: 76444

Ion Ratio Lower Upper

83 100

131 11.7 5.8 17.4

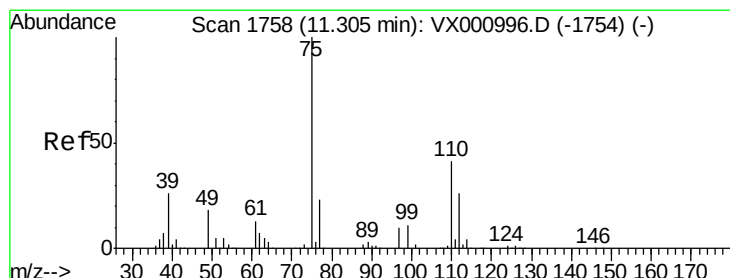
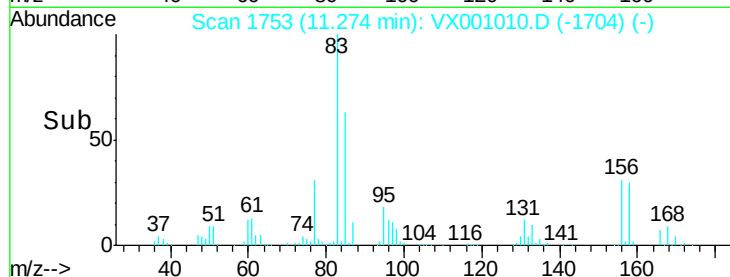
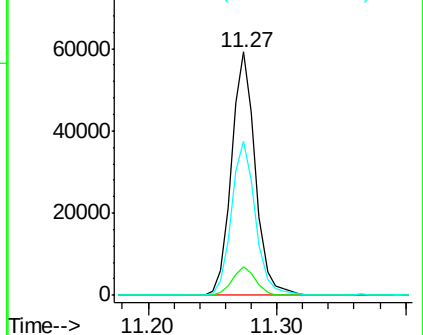
85 63.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.24 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001010.D

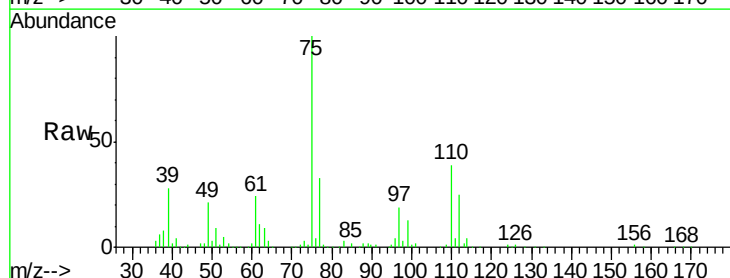
Acq: 20 Apr 2018 15:52

Tgt Ion: 75 Resp: 84751

Ion Ratio Lower Upper

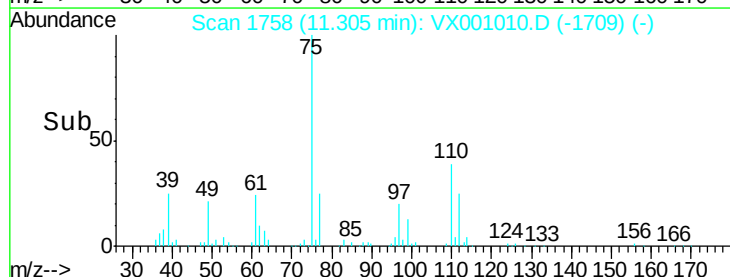
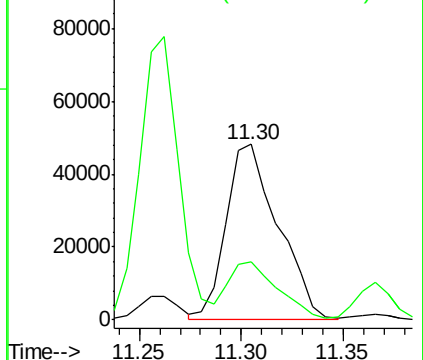
75 100

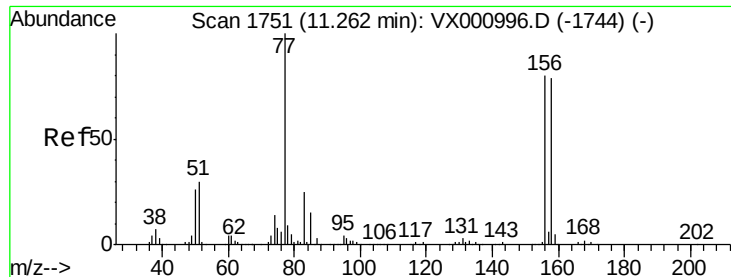
77 31.8 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.06 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampled :

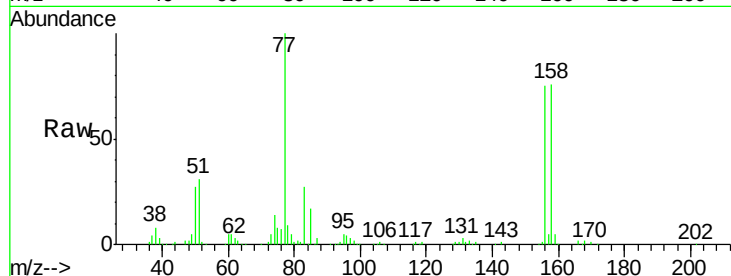
Tot Ion:156 Resp: 76030

Ion Ratio Lower Upper

156 100

77 136.5 66.3 199.0

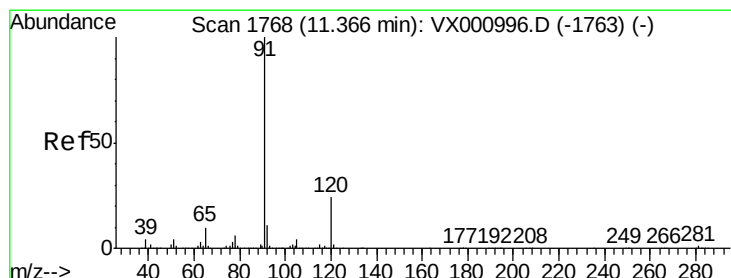
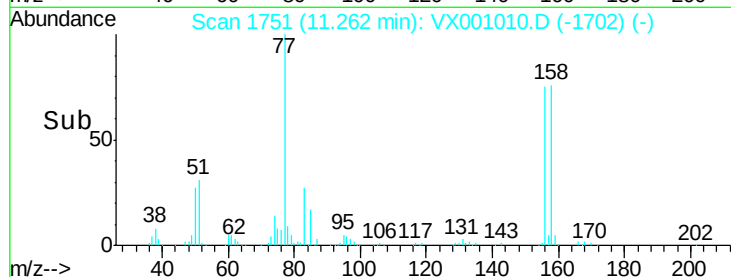
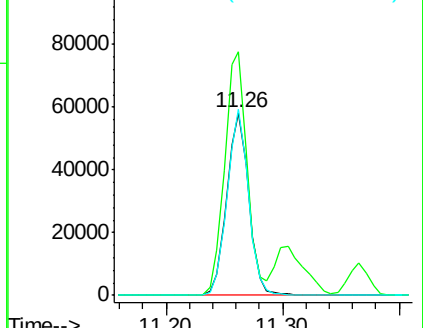
158 98.8 48.9 146.6



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: 19.37 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001010.D

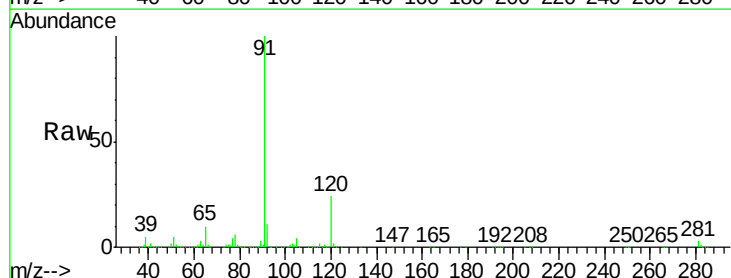
Acq: 20 Apr 2018 15:52

Tgt Ion: 91 Resp: 305568

Ion Ratio Lower Upper

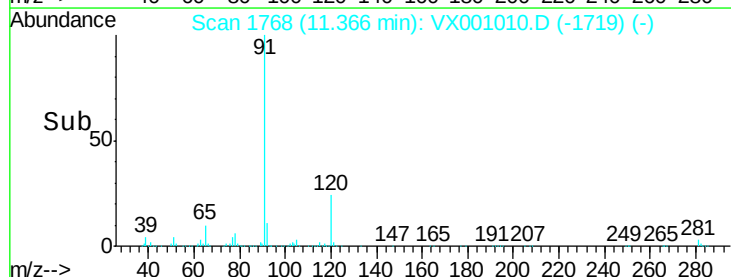
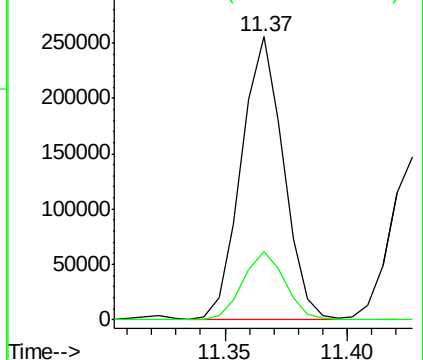
91 100

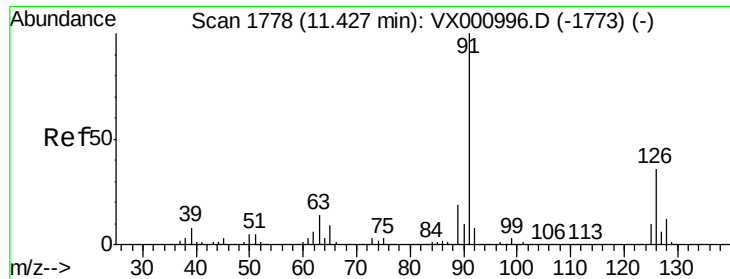
120 24.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.37 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

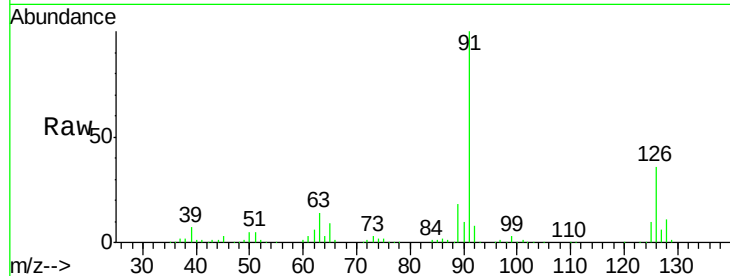
ClientSampled :

Tot Ion: 91 Resp: 180551

Ion Ratio Lower Upper

91 100

126 36.1 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)

300000

250000

200000

150000

100000

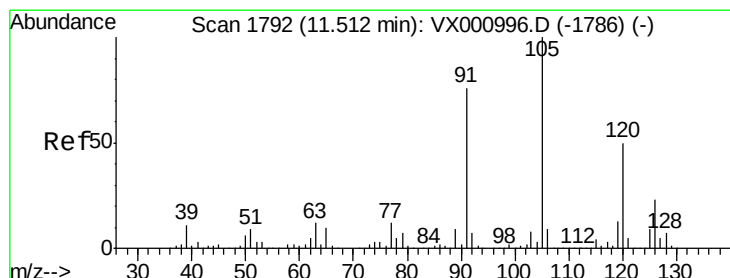
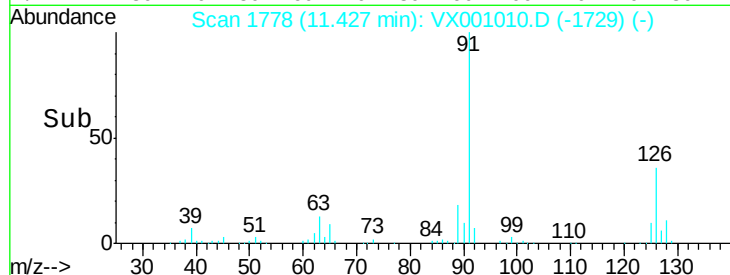
50000

0

11.40 11.45 11.50

11.43

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001010.D

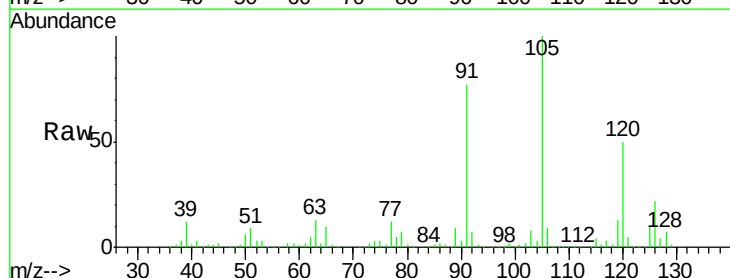
Acq: 20 Apr 2018 15:52

Tgt Ion:105 Resp: 226533

Ion Ratio Lower Upper

105 100

120 49.3 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)

200000

150000

100000

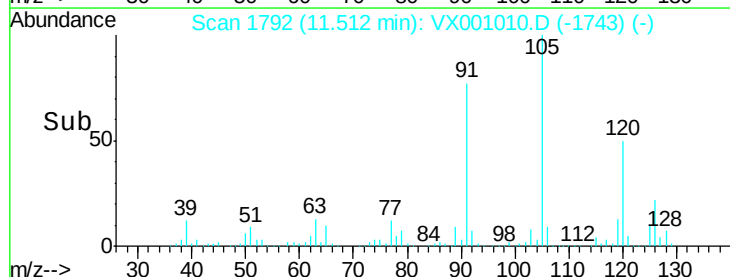
50000

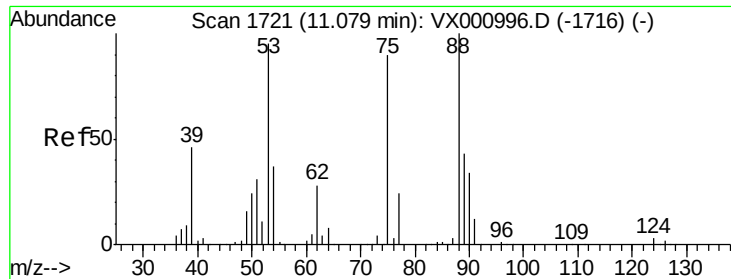
0

11.50 11.60

11.51

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.61 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

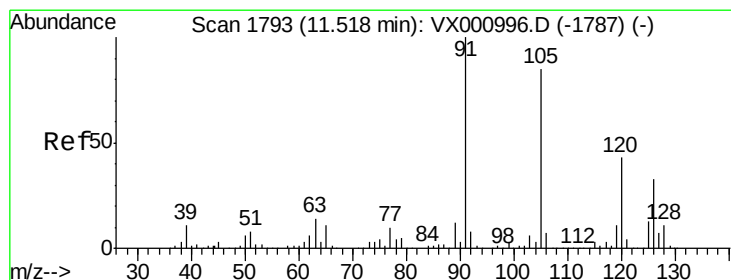
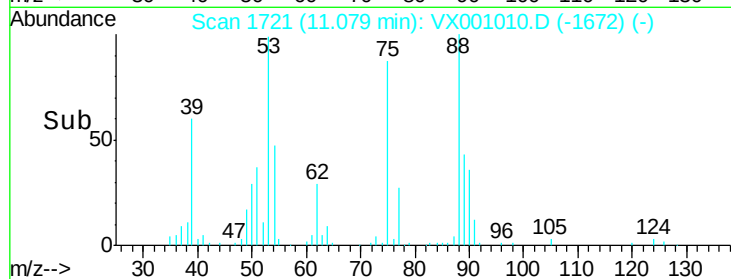
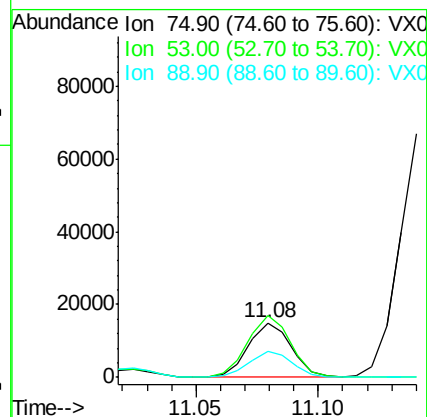
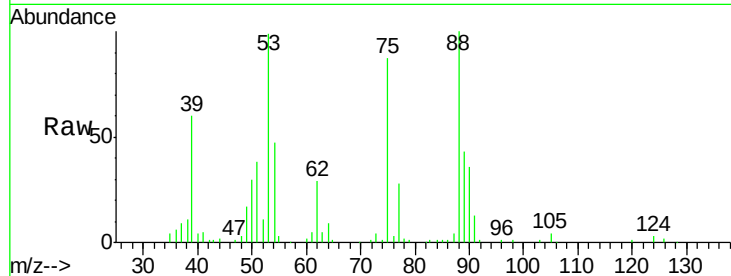
Tot Ion: 75 Resp: 18254

Ion Ratio Lower Upper

75 100

53 113.7 83.4 125.2

89 48.9 39.7 59.5



#82

4-Chlorotoluene

Concen: 19.13 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001010.D

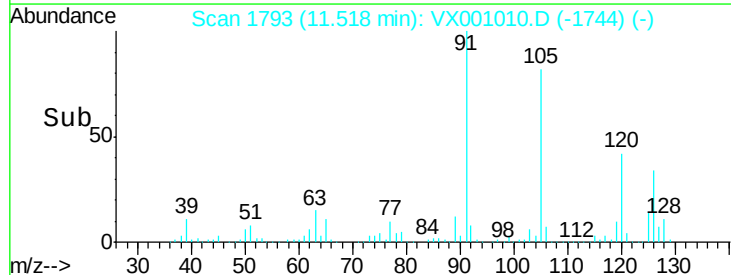
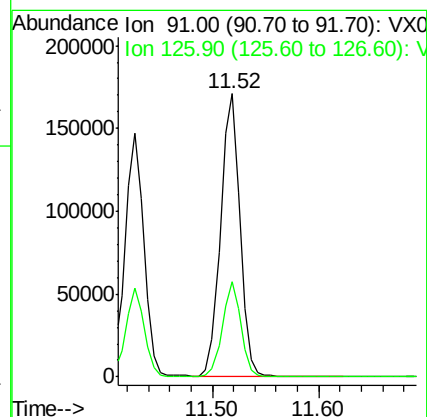
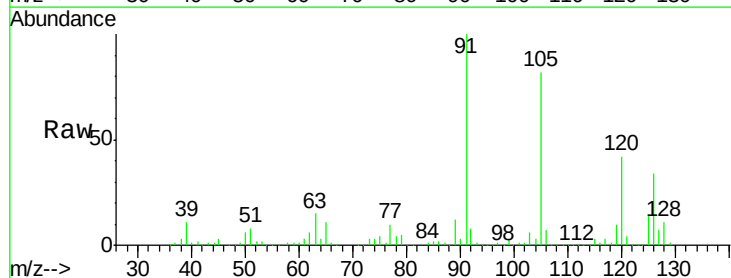
Acq: 20 Apr 2018 15:52

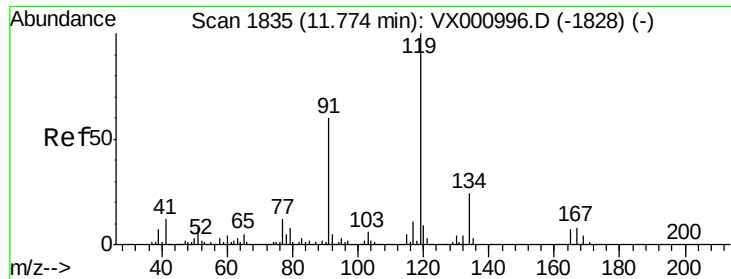
Tgt Ion: 91 Resp: 215495

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

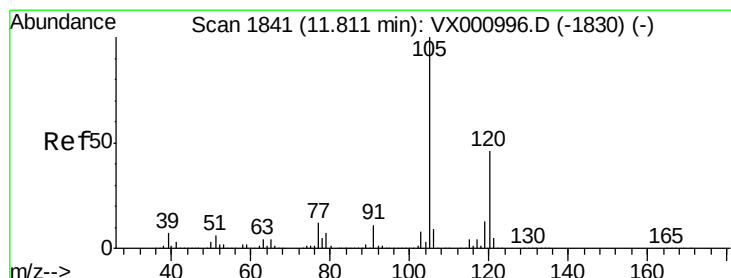
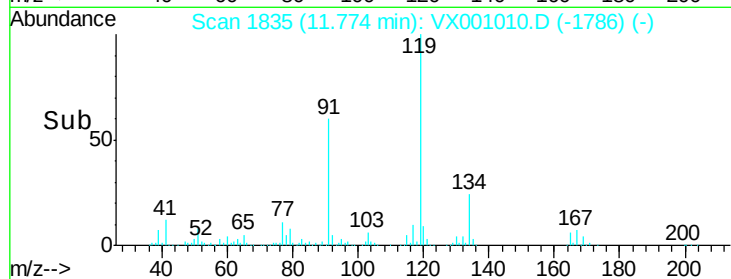
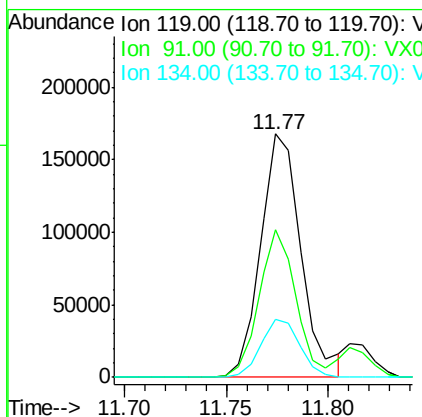
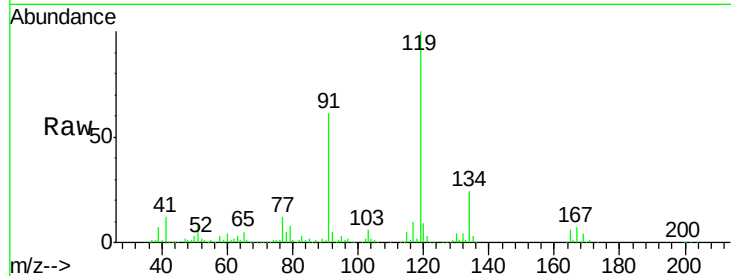




#83
 tert-Butylbenzene
 Concen: 19.68 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

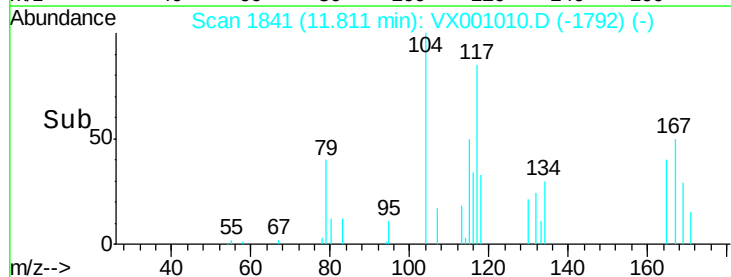
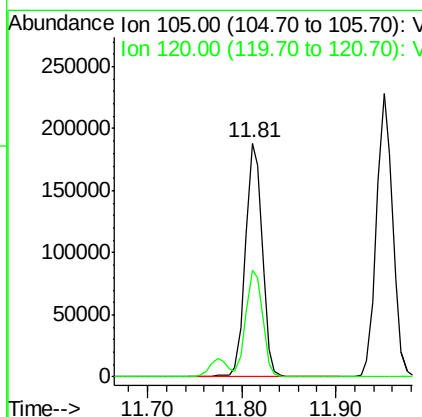
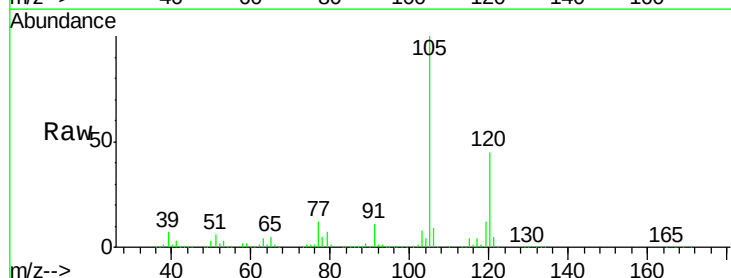
Instrument :
 MSVOA_X
 ClientSampleId :

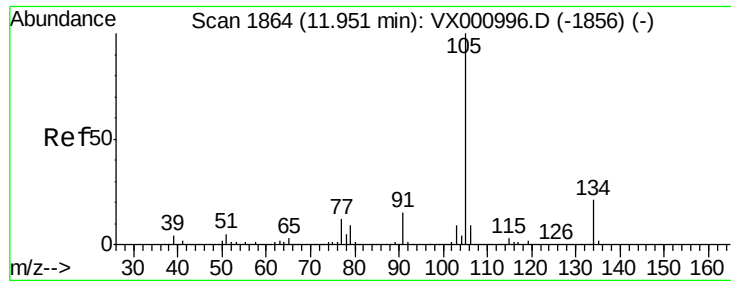
Tot Ion:119 Resp: 231304
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.0 81.0
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 19.47 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion:105 Resp: 233379
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.41 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

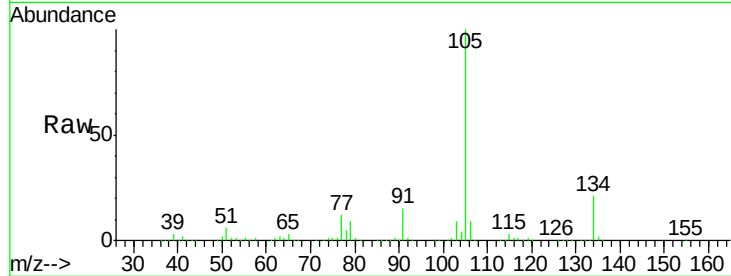
ClientSampled :

Tot Ion:105 Resp: 272272

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

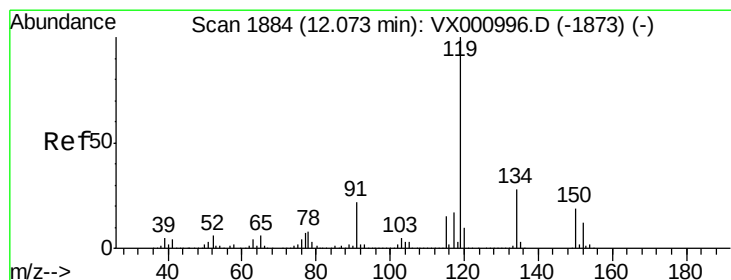
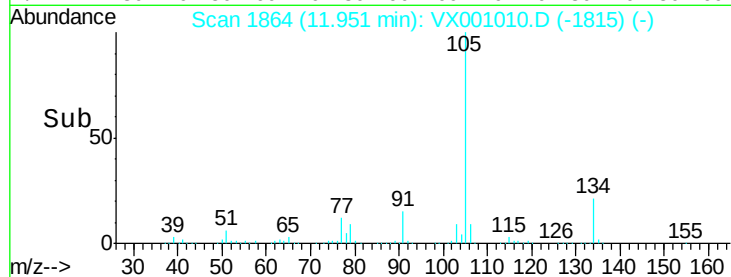
150000

100000

50000

0

Time--> 11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.29 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

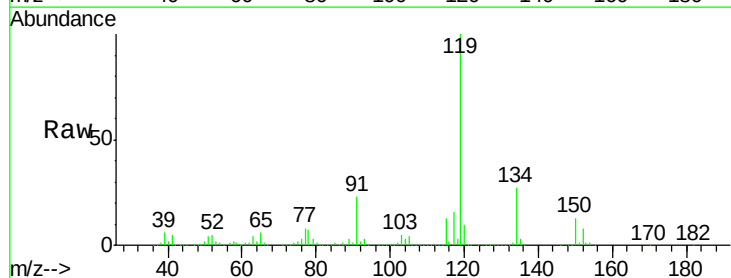
Tgt Ion:119 Resp: 250274

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 23.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

250000

200000

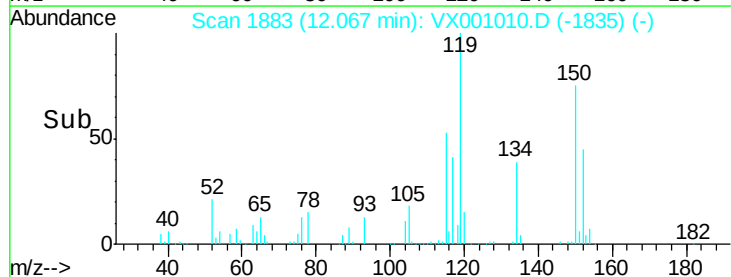
150000

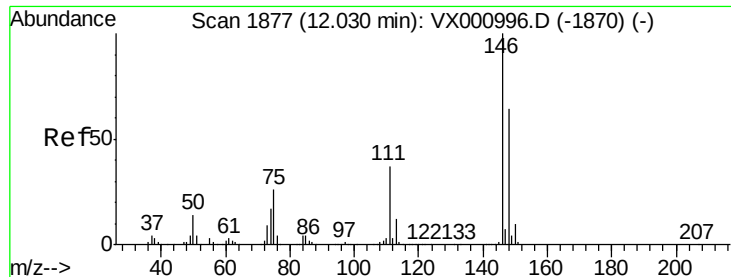
100000

50000

0

Time--> 12.00 12.10

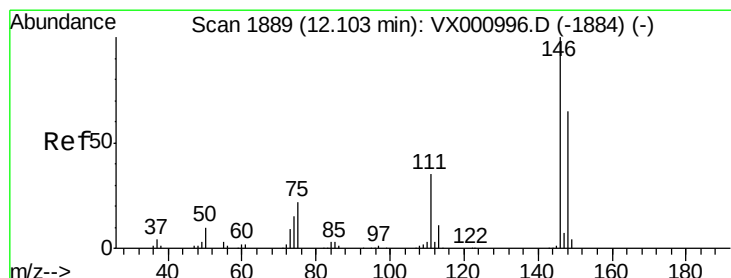
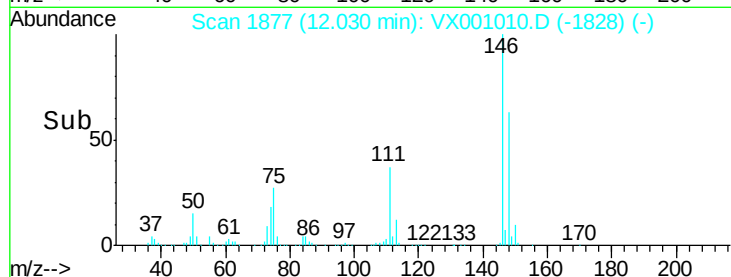
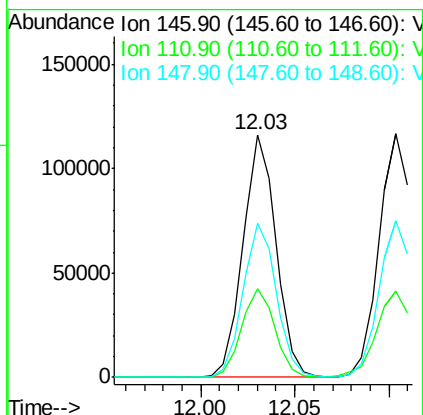
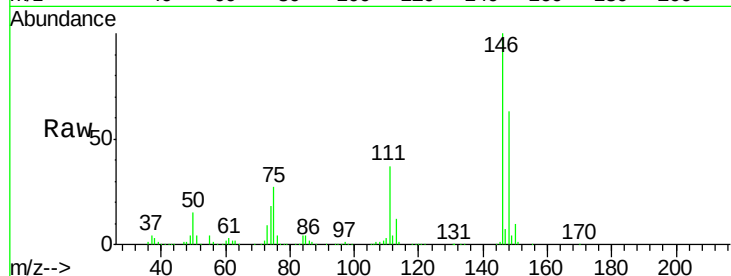




#87
 1,3-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

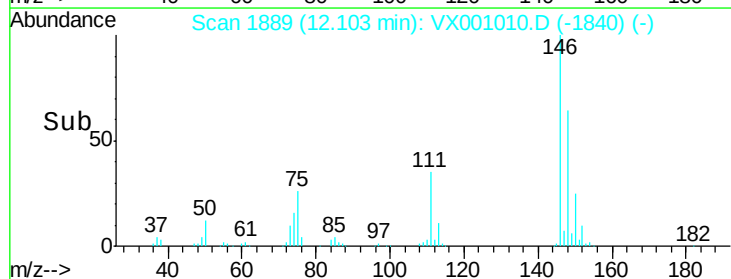
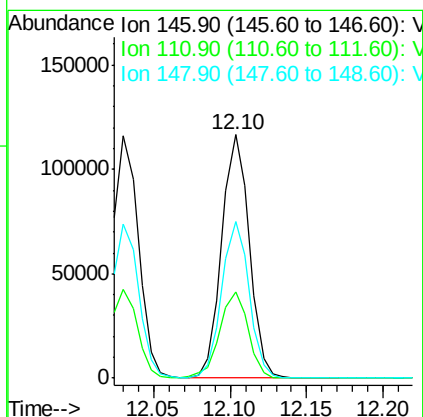
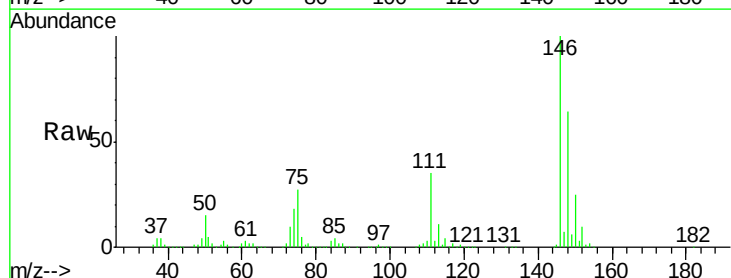
Instrument :
 MSVOA_X
 ClientSampleId :

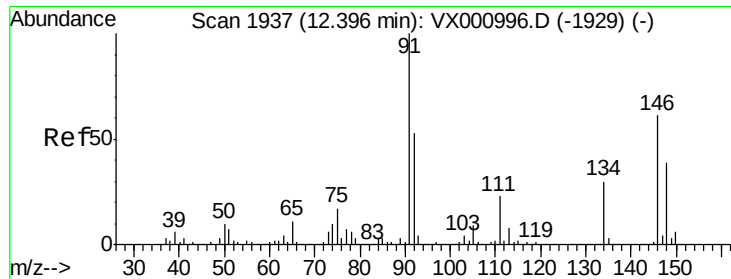
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.1	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.04 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.0	54.0
148	64.1	32.4	97.0

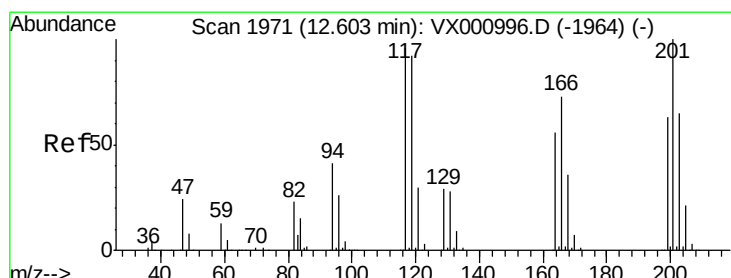
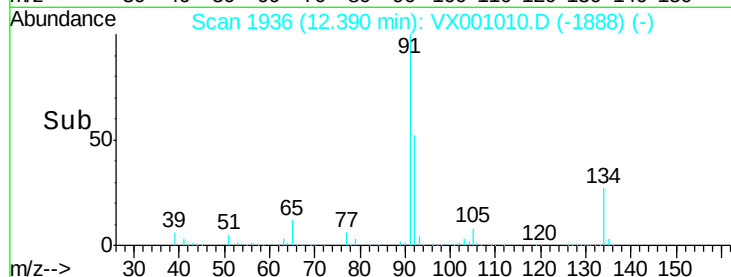
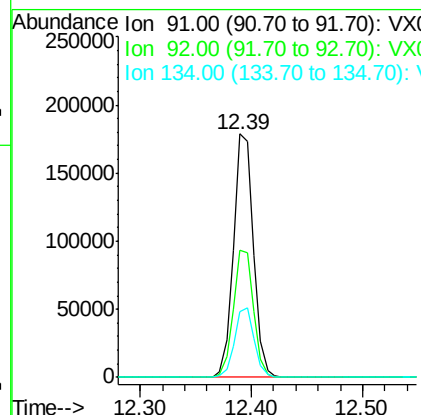
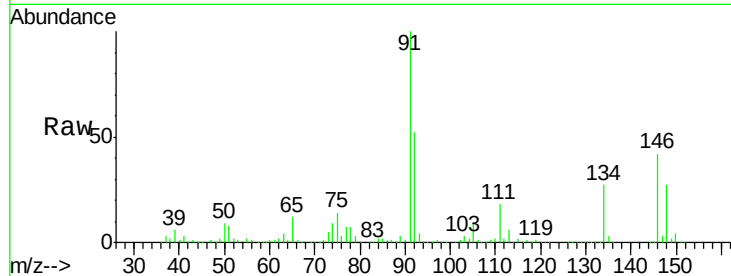




#89
n-Butylbenzene
Concen: 19.04 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

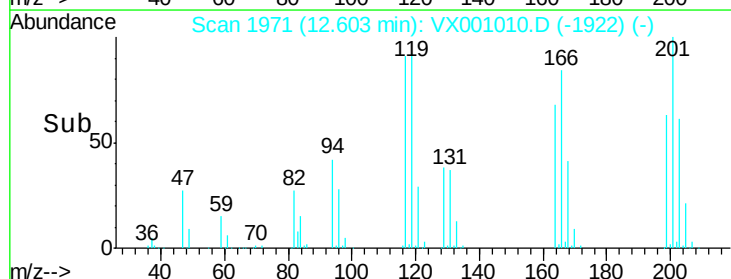
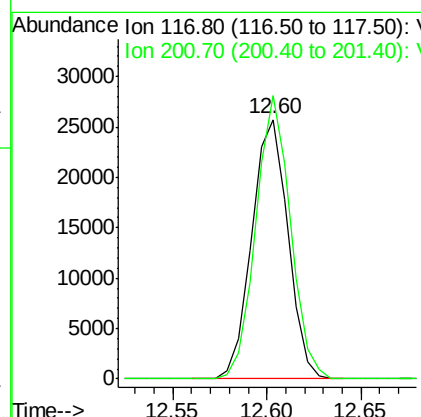
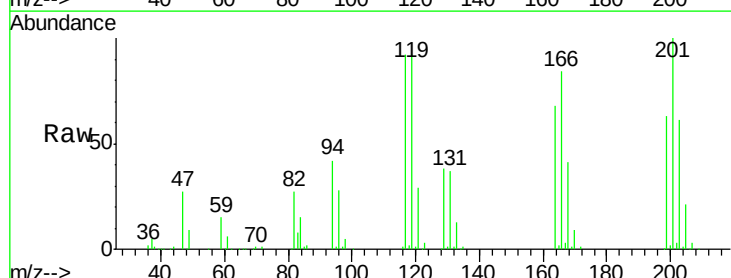
Instrument :
MSVOA_X
ClientSampleId :

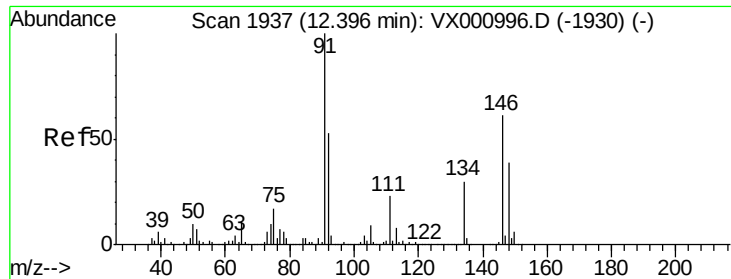
Tot Ion: 91 Resp: 219779
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 28.3 14.4 43.0



#90
Hexachloroethane
Concen: 18.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001010.D
Acq: 20 Apr 2018 15:52

Tgt Ion: 117 Resp: 34144
Ion Ratio Lower Upper
117 100
201 104.4 52.3 157.1

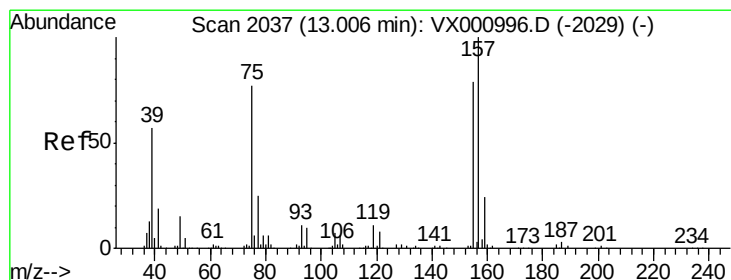
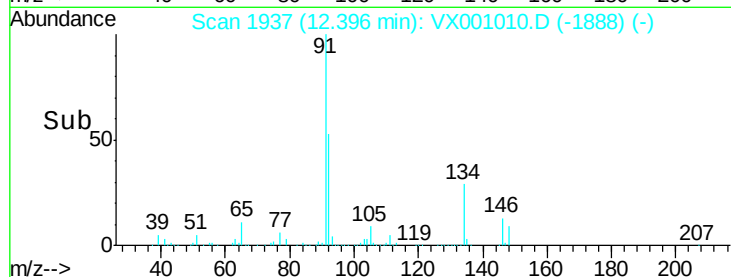
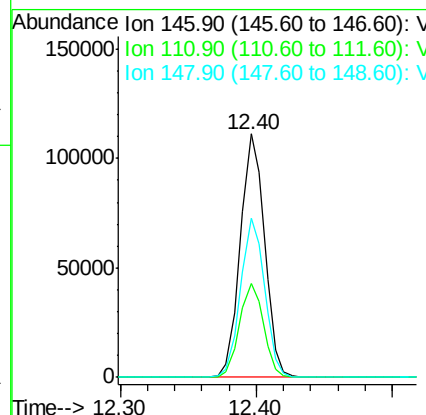
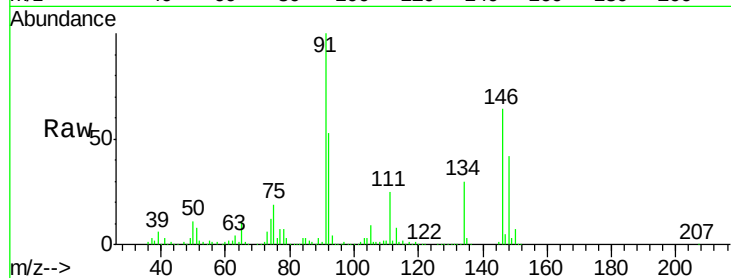




#91
 1,2-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

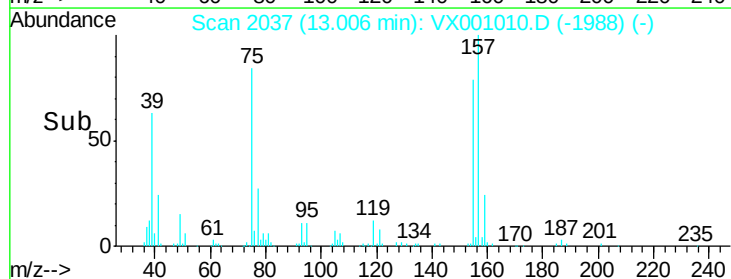
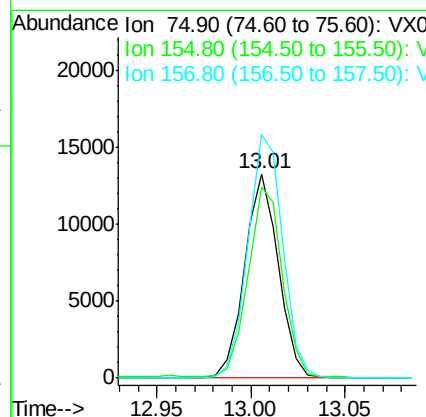
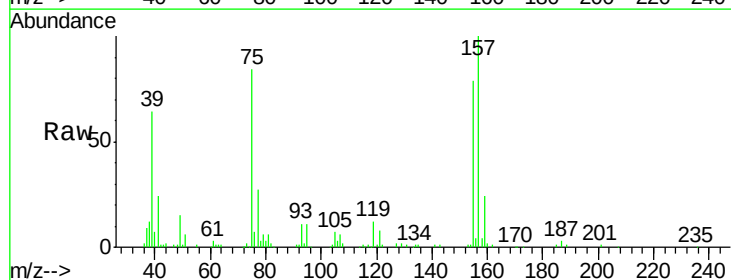
Instrument :
 MSVOA_X
 ClientSampled :

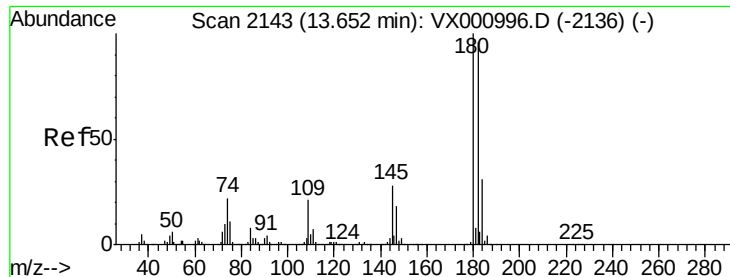
Tot Ion:146 Resp: 138494
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 56.0
 148 64.7 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.09 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion: 75 Resp: 16372
 Ion Ratio Lower Upper
 75 100
 155 96.0 51.0 153.0
 157 123.7 64.9 194.7

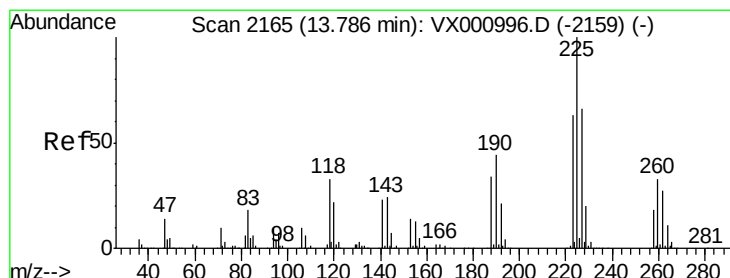
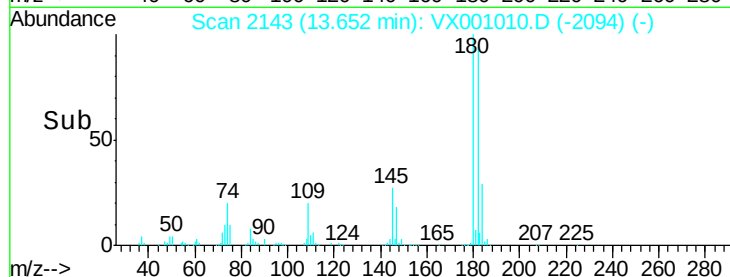
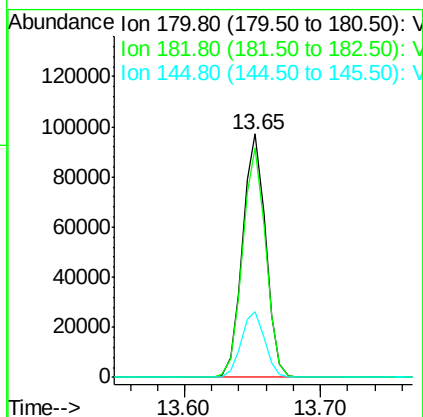
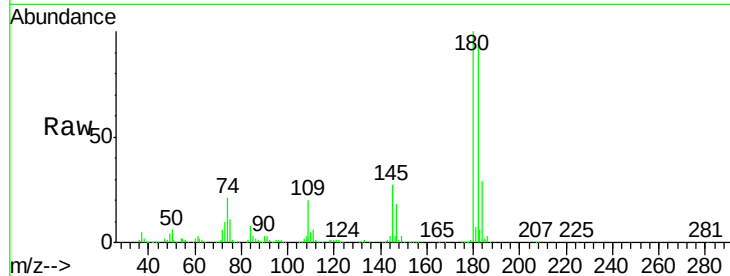




#93
 1,2,4-Trichlorobenzene
 Concen: 18.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

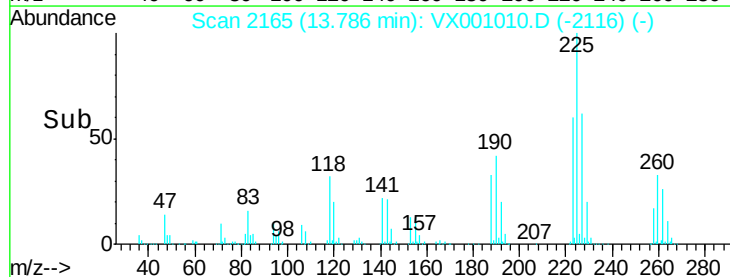
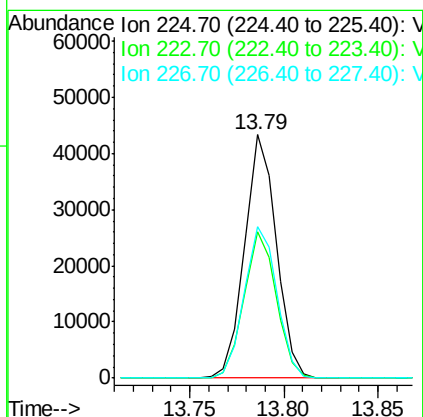
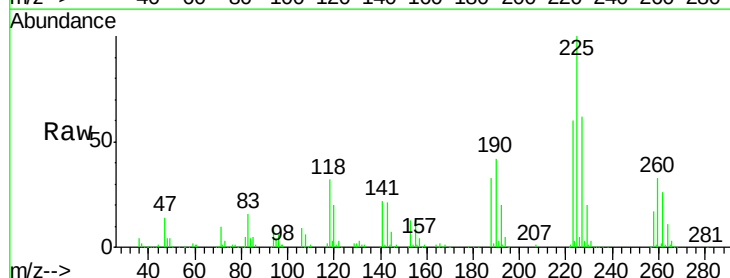
Instrument :
 MSVOA_X
 ClientSampleId :

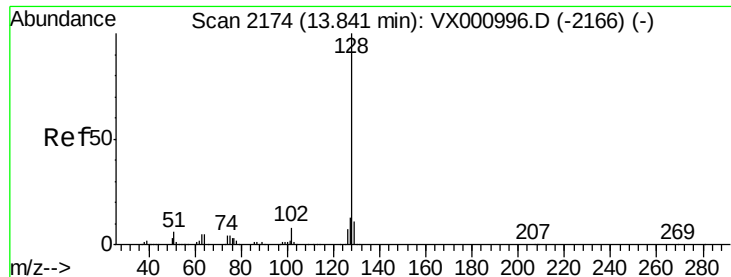
Tot Ion:180 Resp: 114818
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.0 144.0
 145 27.4 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 18.48 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001010.D
 Acq: 20 Apr 2018 15:52

Tgt Ion:225 Resp: 50738
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.5 94.5
 227 64.0 32.6 97.8





#95

Naphthalene

Concen: 19.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

Instrument :

MSVOA_X

ClientSampleId :

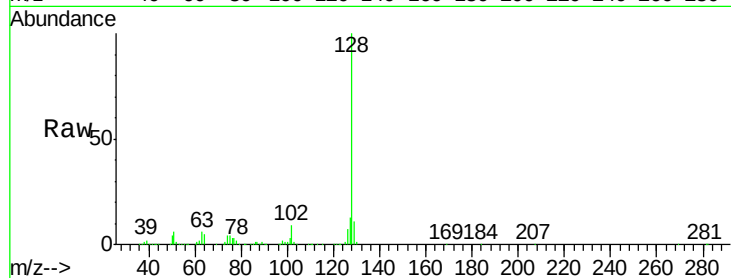
Tot Ion:128 Resp: 297069

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

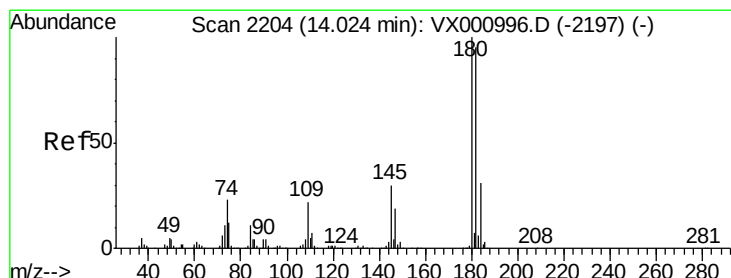
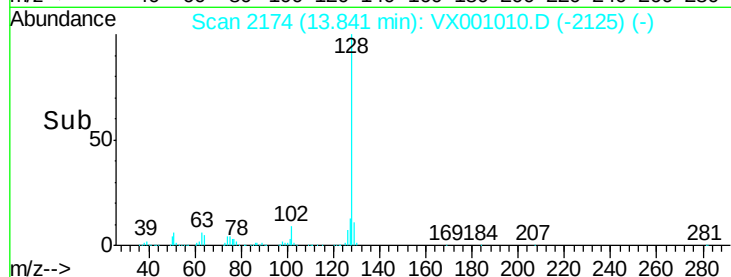
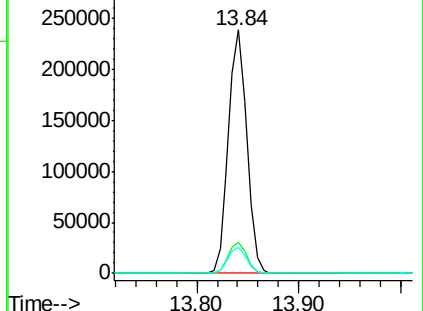
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.99 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001010.D

Acq: 20 Apr 2018 15:52

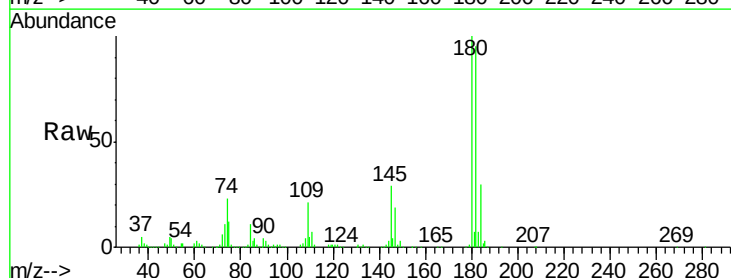
Tgt Ion:180 Resp: 111433

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 29.1 14.5 43.6



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

