

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001893.D
 Acq On : 22 May 2018 15:10
 Operator : JC/MD
 Sample : VX0522WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 01:12:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	395929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	212400	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.51	113	177951	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.72	98	645639	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	11.14	95	218339	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61508	19.51	ug/l	99
3) Chloromethane	1.32	50	69210	20.32	ug/l	98
4) Vinyl Chloride	1.40	62	71111	19.31	ug/l	99
5) Bromomethane	1.64	94	36794	21.96	ug/l	97
6) Chloroethane	1.72	64	47566	20.51	ug/l	99
7) Trichlorofluoromethane	1.93	101	112780	21.08	ug/l	100
8) Diethyl Ether	2.19	74	45150	20.50	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	69842	21.68	ug/l	99
10) Methyl Iodide	2.51	142	83549	28.19	ug/l	99
11) Tert butyl alcohol	3.08	59	85325	114.12	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60395	19.45	ug/l	95
13) Acrolein	2.30	56	33264	62.73	ug/l	95
14) Allyl chloride	2.73	41	123995	21.60	ug/l	98
15) Acrylonitrile	3.15	53	207598	110.55	ug/l	99
16) Acetone	2.45	43	206993	125.14	ug/l	96
17) Carbon Disulfide	2.57	76	128762	15.90	ug/l	100
18) Methyl Acetate	2.78	43	118049	24.41	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	227303	21.72	ug/l	99
20) Methylene Chloride	2.85	84	71566	20.21	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	64812	18.95	ug/l	93
22) Diisopropyl ether	3.88	45	244308	22.19	ug/l	99
23) Vinyl Acetate	3.83	43	813629	102.56	ug/l	99
24) 1,1-Dichloroethane	3.70	63	130973	21.69	ug/l	99
25) 2-Butanone	4.71	43	307522	121.44	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104344	21.46	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	81305	20.89	ug/l	96
28) Bromochloromethane	5.02	49	63077	23.51	ug/l	96
29) Tetrahydrofuran	5.17	42	189254	114.65	ug/l	98
30) Chloroform	5.22	83	141191	22.26	ug/l	97
31) Cyclohexane	5.57	56	111007	20.97	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	119973	21.89	ug/l	98
36) 1,1-Dichloropropene	5.80	75	95652	20.99	ug/l	99
37) Ethyl Acetate	4.87	43	111426	23.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	108173	22.66	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	117937	22.15	ug/l	96
40) Benzene	6.15	78	301692	22.47	ug/l	99
41) Methacrylonitrile	5.07	41	64689	23.55	ug/l	97
42) 1,2-Dichloroethane	6.20	62	113889	23.45	ug/l	99
43) Isopropyl Acetate	6.48	43	172057	23.14	ug/l	99
44) Trichloroethene	7.22	130	91879	22.04	ug/l	98
45) 1,2-Dichloropropane	7.52	63	78764	23.90	ug/l	97
46) Dibromomethane	7.67	93	52514	22.70	ug/l	99
47) Bromodichloromethane	7.90	83	101758	23.70	ug/l	93
48) Methyl methacrylate	7.79	41	92407	23.62	ug/l	98
49) 1,4-Dioxane	7.76	88	39020	517.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	600867	127.54	ug/l	97
52) Toluene	8.79	92	198735	23.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	116525	23.07	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	98593	22.14	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	76693	23.25	ug/l	97
56) Ethyl methacrylate	9.19	69	111254	23.79	ug/l	96
57) 1,3-Dichloropropane	9.38	76	126625	22.93	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	298904	124.23	ug/l	99
59) 2-Hexanone	9.50	43	423858	125.68	ug/l	98
60) Dibromochloromethane	9.59	129	78664	23.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	77878	22.55	ug/l	100
64) Tetrachloroethene	9.34	164	102366	22.89	ug/l	99
65) Chlorobenzene	10.14	112	209891	22.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	78705	23.58	ug/l	100
67) Ethyl Benzene	10.26	91	341587	22.62	ug/l	99
68) m/p-Xylenes	10.37	106	272867	45.79	ug/l	99
69) o-Xylene	10.70	106	132314	23.19	ug/l	100
70) Styrene	10.72	104	218508	23.22	ug/l	100
71) Bromoform	10.87	173	63270	22.10	ug/l #	100
73) Isopropylbenzene	11.02	105	361096	24.44	ug/l	100
74) N-amyl acetate	6.48	43	172057	24.29	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	107684	24.30	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	122980	28.83	ug/l	91
77) Bromobenzene	11.26	156	100804	23.22	ug/l	99
78) n-propylbenzene	11.37	91	398489	23.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	241476	24.26	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	302161	24.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	28313	21.78	ug/l	91
82) 4-Chlorotoluene	11.52	91	275292	23.48	ug/l	99
83) tert-Butylbenzene	11.77	119	297379	24.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	310982	24.78	ug/l	100
85) sec-Butylbenzene	11.95	105	364717	24.50	ug/l	99
86) p-Isopropyltoluene	12.07	119	334330	24.27	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	184354	22.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	187292	22.56	ug/l	99
89) n-Butylbenzene	12.40	91	266331	22.35	ug/l	100
90) Hexachloroethane	12.60	117	52897	24.72	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	185119	23.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	23697	25.05	ug/l	96

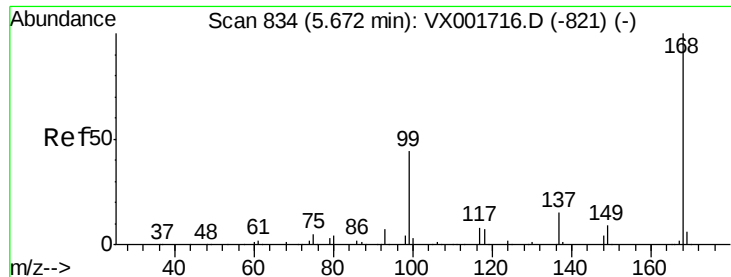
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	138273	21.69	ug/l	100
94) Hexachlorobutadiene	13.79	225	77841	22.74	ug/l	99
95) Naphthalene	13.84	128	384217	23.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	143054	22.28	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

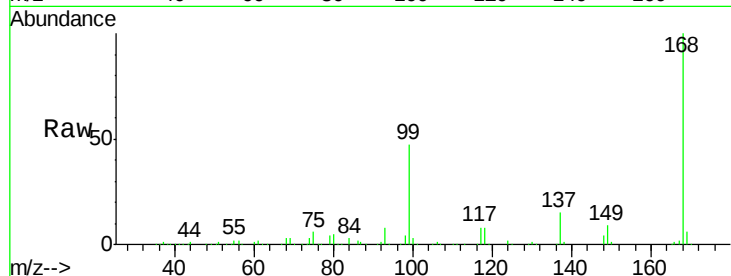
ClientSampleId :

Tot Ion:168 Resp: 314180

Ion Ratio Lower Upper

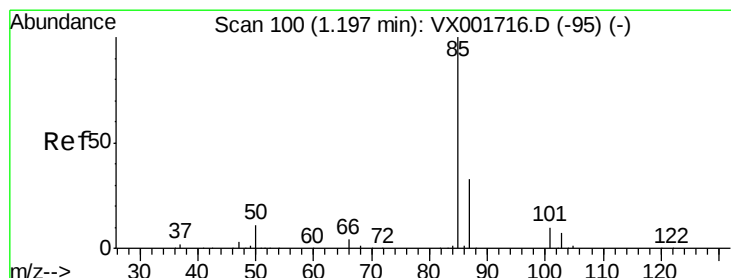
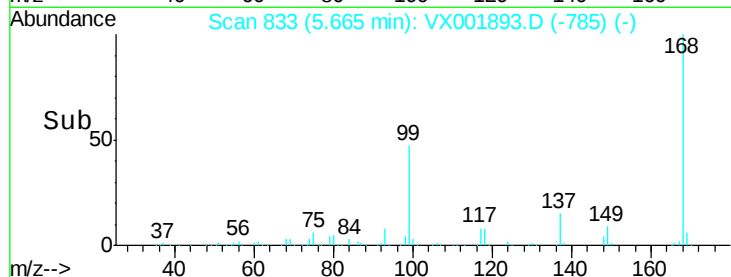
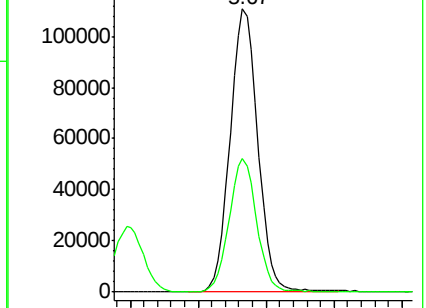
168 100

99 47.1 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.51 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001893.D

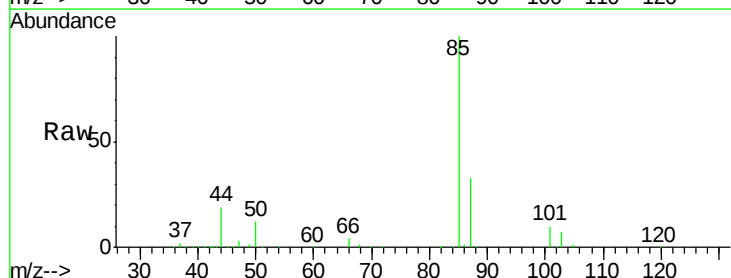
Acq: 22 May 2018 15:10

Tgt Ion: 85 Resp: 61508

Ion Ratio Lower Upper

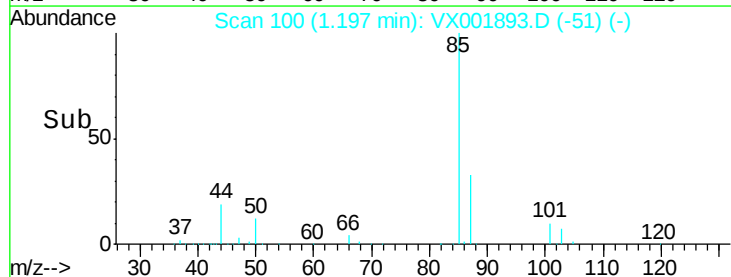
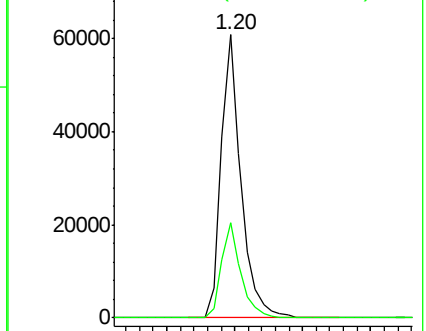
85 100

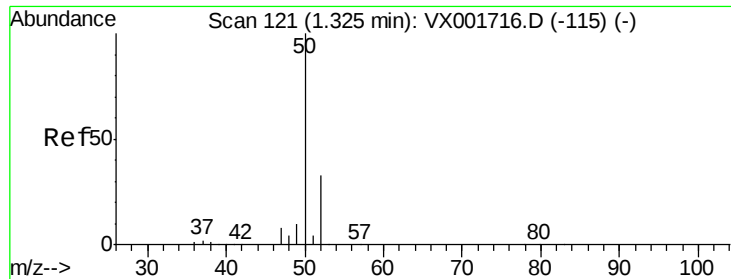
87 33.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

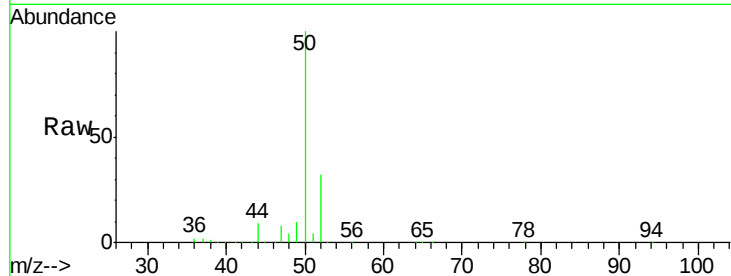
ClientSampleId :

Tot Ion: 50 Resp: 69210

Ion Ratio Lower Upper

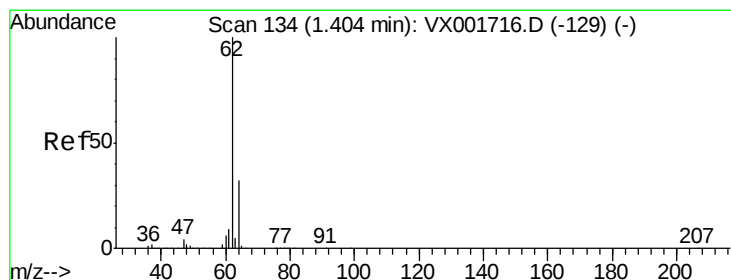
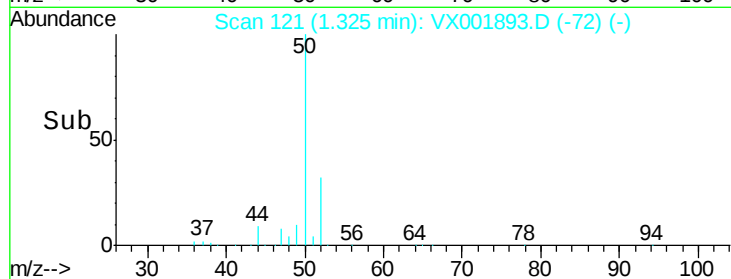
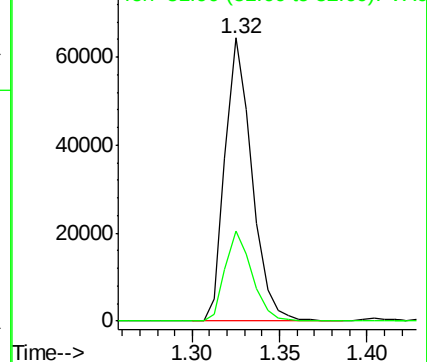
50 100

52 31.8 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: 19.31 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001893.D

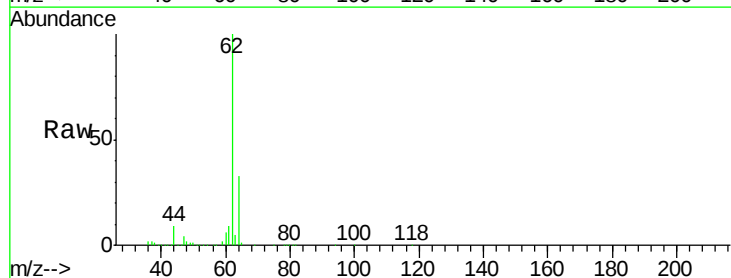
Acq: 22 May 2018 15:10

Tgt Ion: 62 Resp: 71111

Ion Ratio Lower Upper

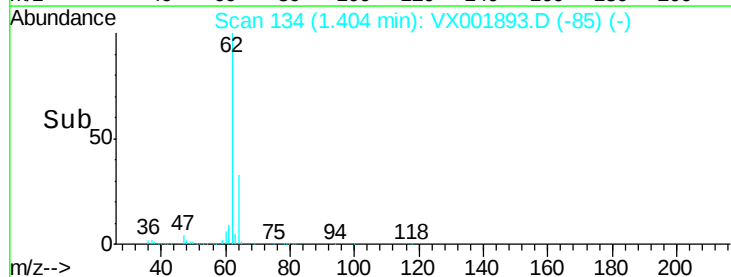
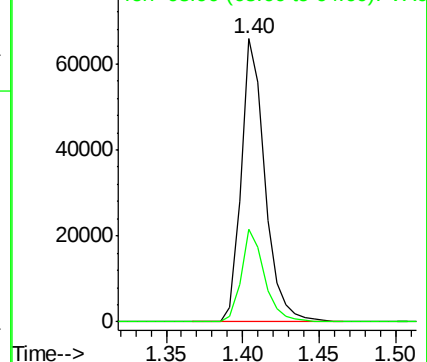
62 100

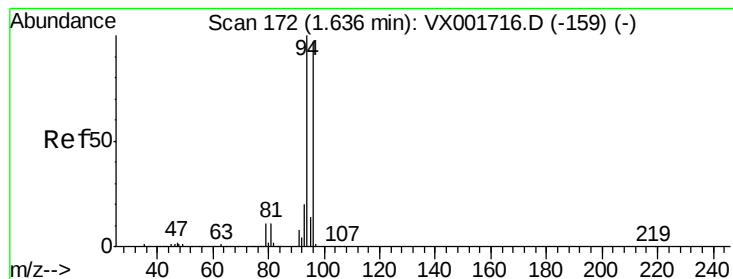
64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.96 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

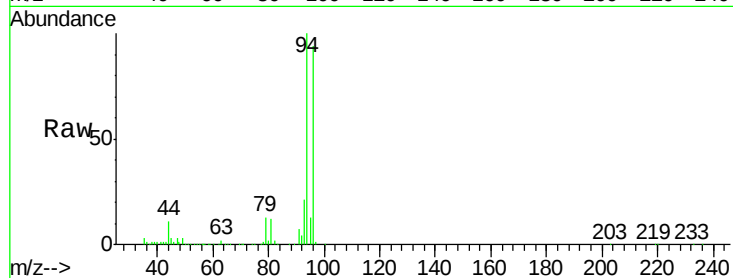
ClientSampleId :

Tot Ion: 94 Resp: 36794

Ion Ratio Lower Upper

94 100

96 93.8 77.4 116.0



Abundance Ion 93.90 (93.60 to 94.60): VX001893.D (-123) (-)

Ion 95.90 (95.60 to 96.60): VX001893.D (-123) (-)

1.64

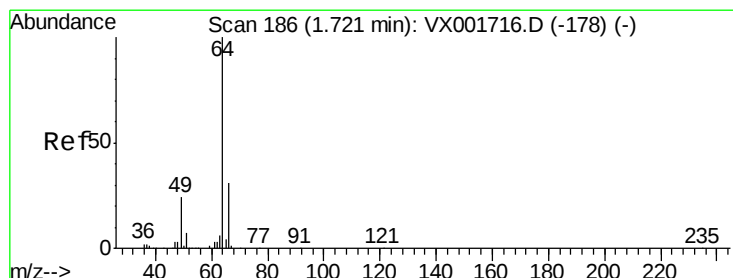
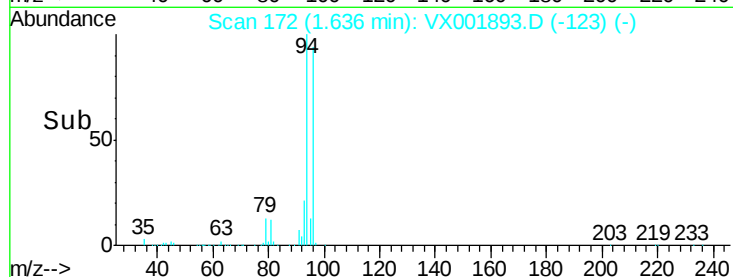
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 20.51 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001893.D

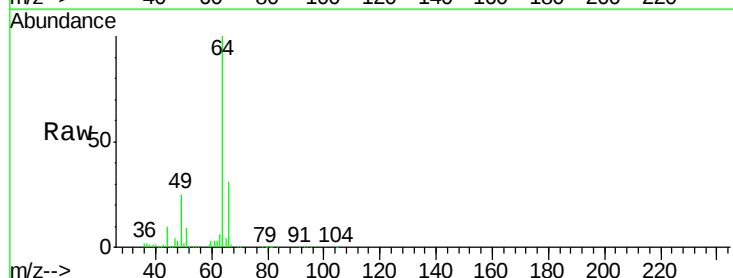
Acq: 22 May 2018 15:10

Tgt Ion: 64 Resp: 47566

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX001893.D (-137) (-)

Ion 65.90 (65.60 to 66.60): VX001893.D (-137) (-)

1.72

40000

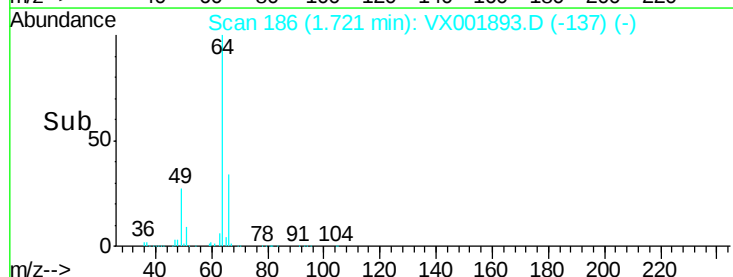
30000

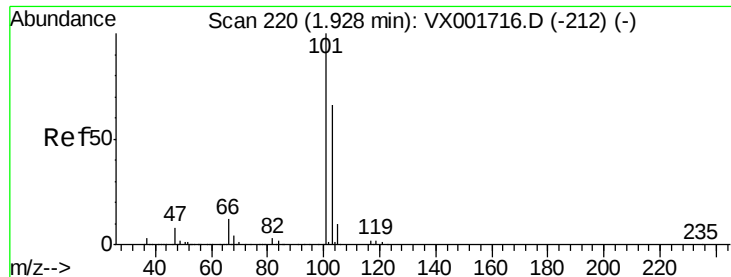
20000

10000

0

Time-->



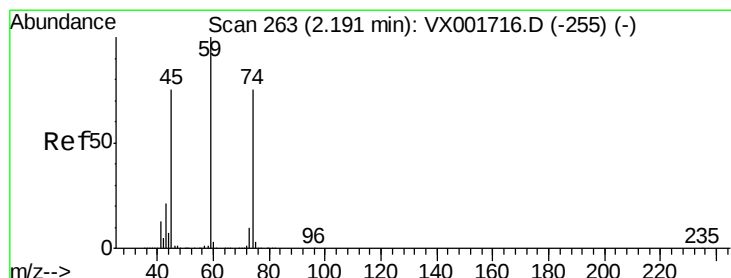
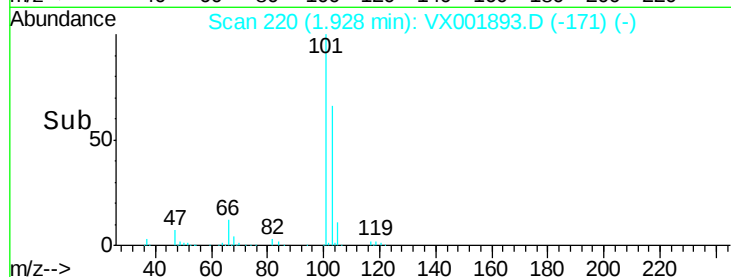
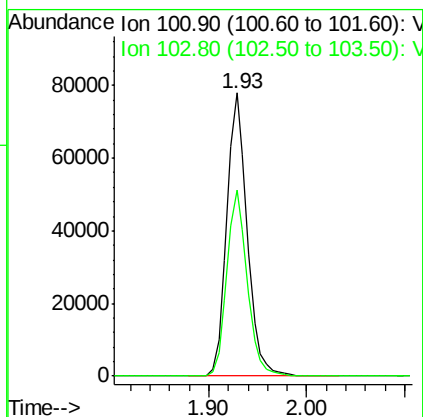
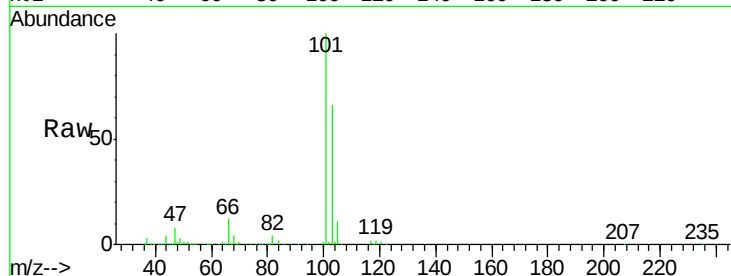


#7

Trichlorofluoromethane
Concen: 21.08 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

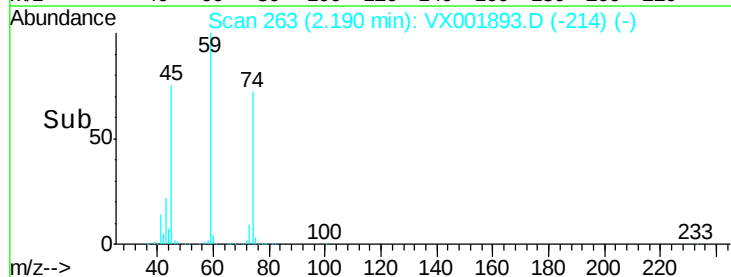
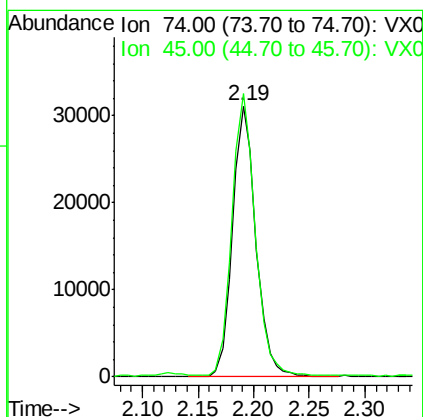
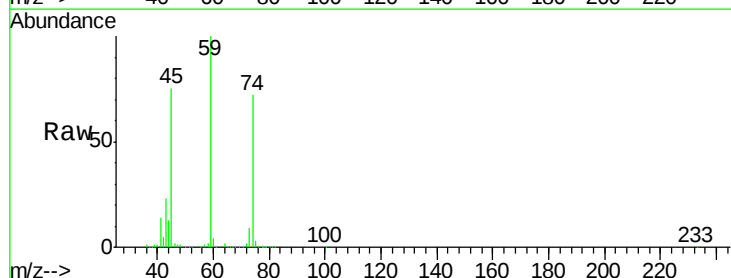
Tot Ion:101 Resp: 112780
Ion Ratio Lower Upper
101 100
103 65.6 52.6 78.8

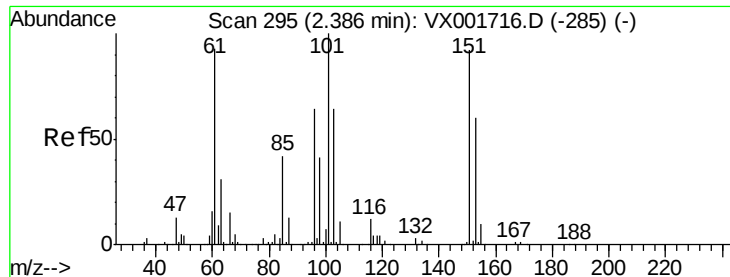


#8

Diethyl Ether
Concen: 20.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 74 Resp: 45150
Ion Ratio Lower Upper
74 100
45 104.0 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.68 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

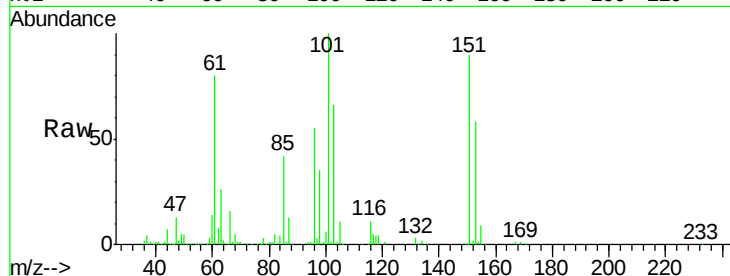
Tot Ion:101 Resp: 69842

Ion Ratio Lower Upper

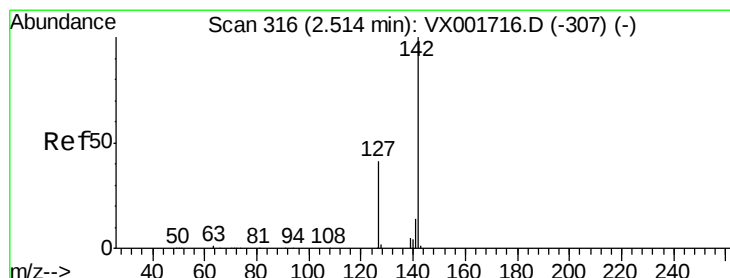
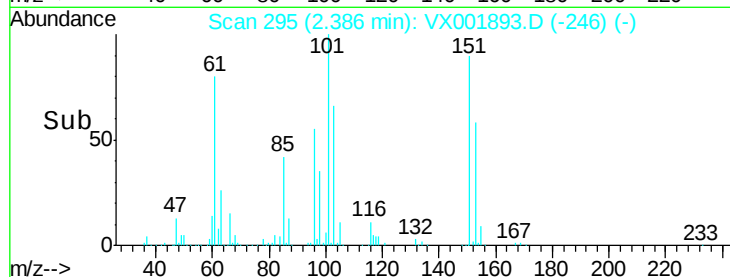
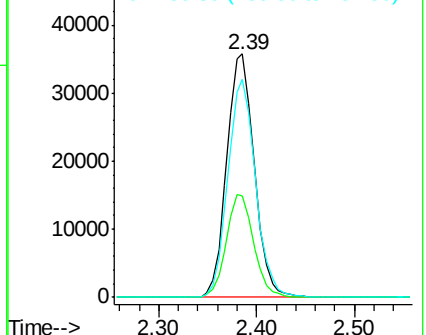
101 100

85 42.0 33.7 50.5

151 89.8 73.0 109.6



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 28.19 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

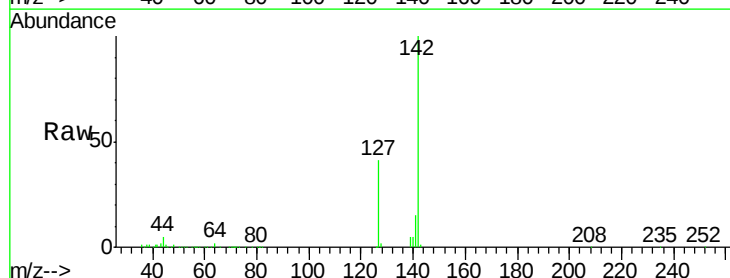
Tgt Ion:142 Resp: 83549

Ion Ratio Lower Upper

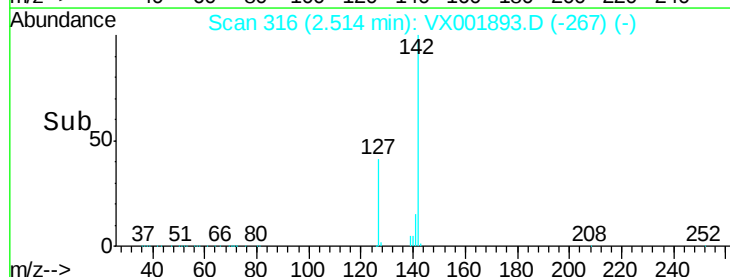
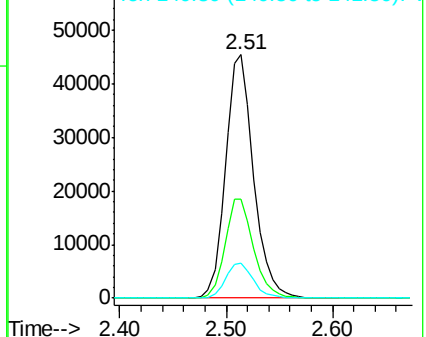
142 100

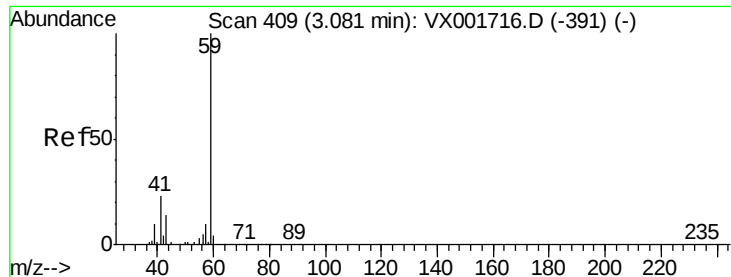
127 41.4 32.5 48.7

141 14.4 11.4 17.0



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



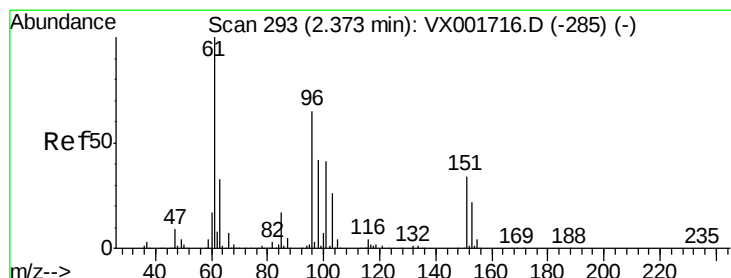
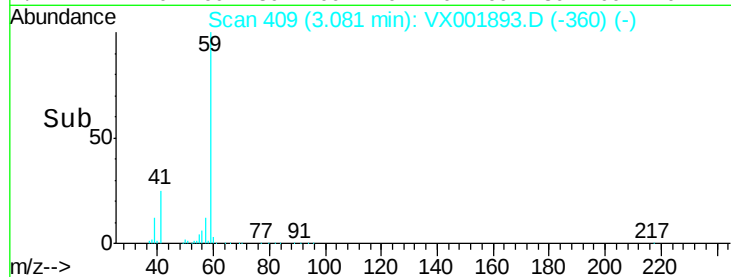
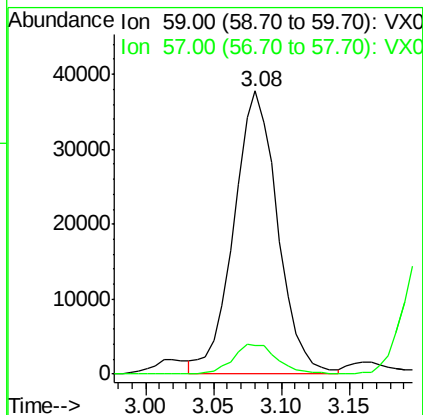
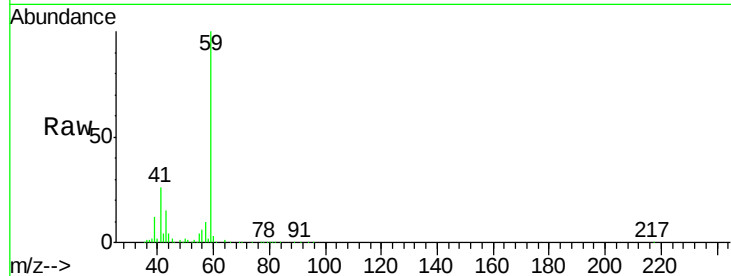


#11

Tert butyl alcohol
 Concen: 114.12 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Instrument :
 MSVOA_X
 ClientSampleId :

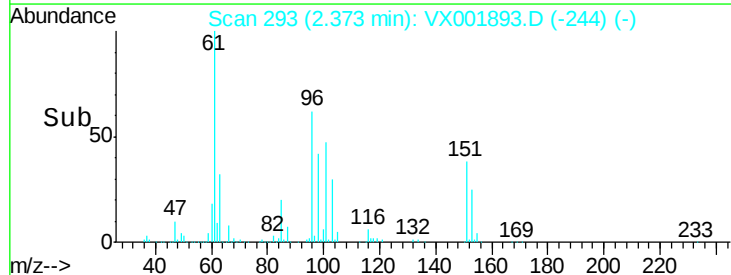
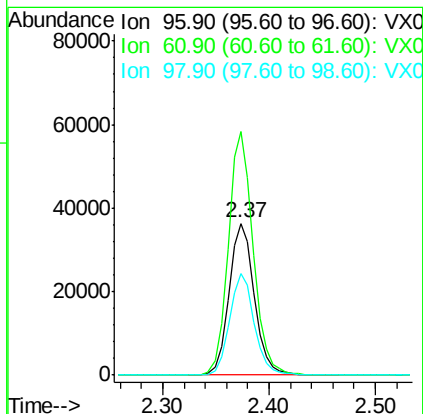
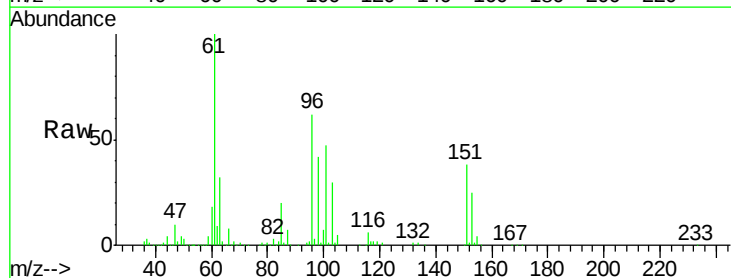
Tot Ion: 59 Resp: 85325
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

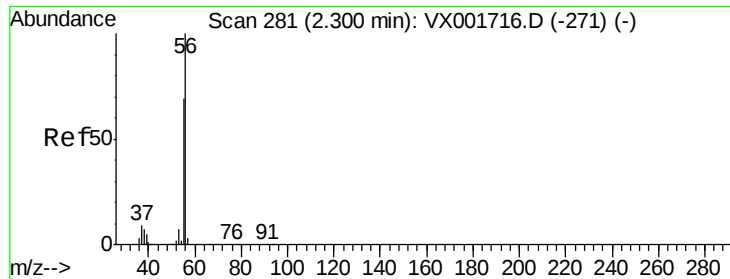


#12

1,1-Dichloroethene
 Concen: 19.45 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion: 96 Resp: 60395
 Ion Ratio Lower Upper
 96 100
 61 160.4 122.2 183.2
 98 66.7 51.4 77.0

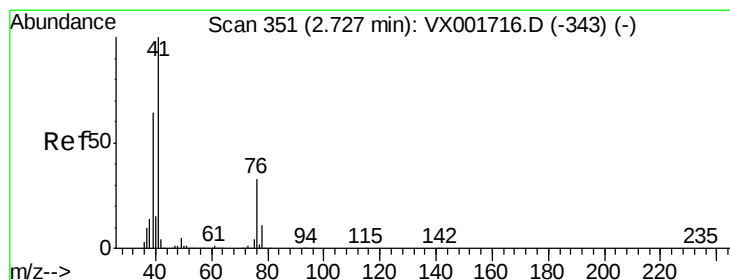
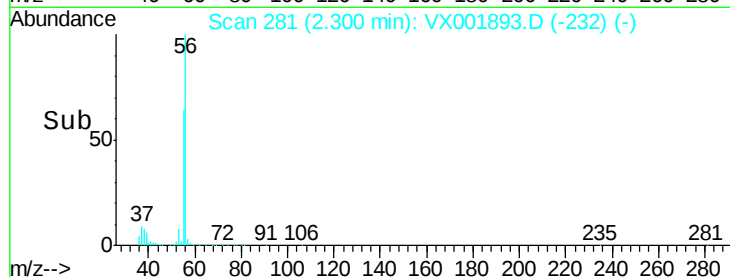
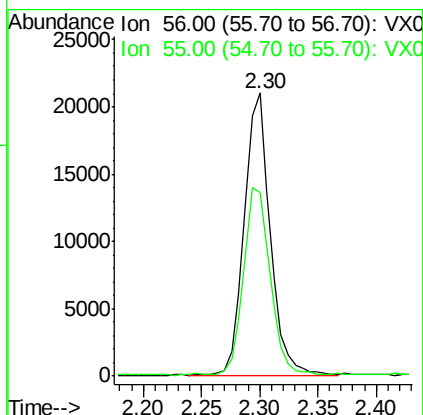
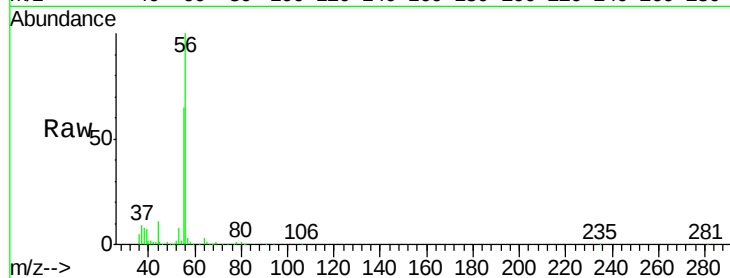




#13
Acrolein
Concen: 62.73 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

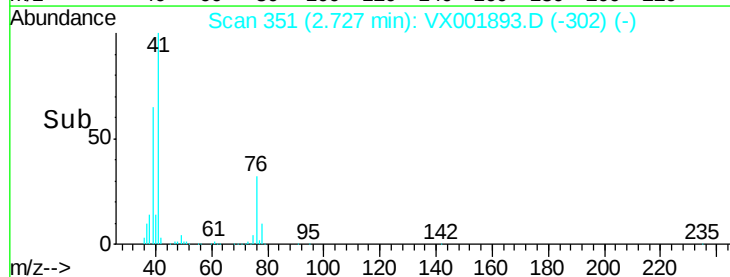
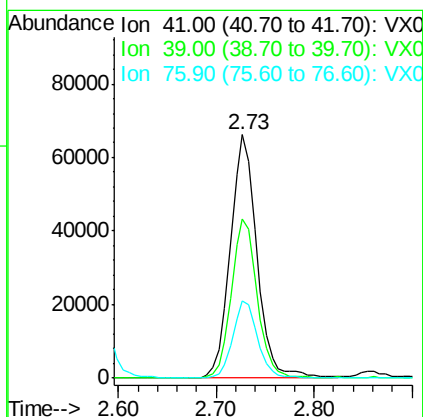
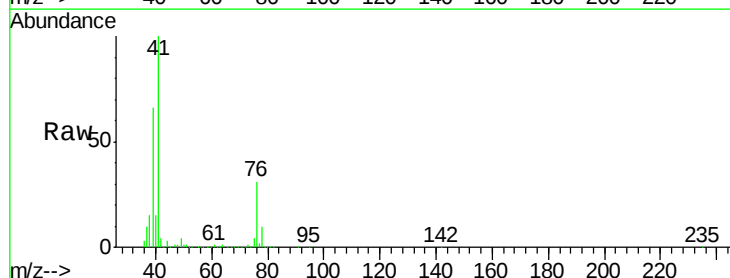
Instrument :
MSVOA_X
ClientSampleId :

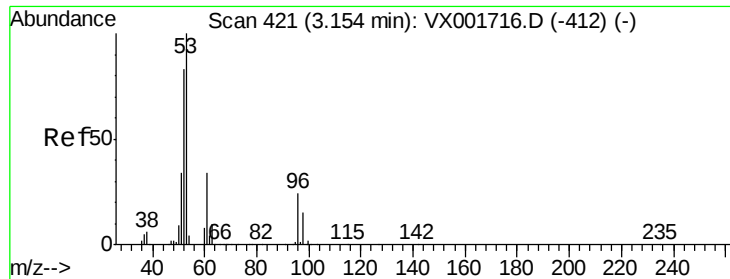
Tot Ion: 56 Resp: 33264
Ion Ratio Lower Upper
56 100
55 66.5 56.2 84.2



#14
Allyl chloride
Concen: 21.60 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 41 Resp: 123995
Ion Ratio Lower Upper
41 100
39 63.0 49.8 74.6
76 30.0 25.8 38.8





#15

Acrylonitrile

Concen: 110.55 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

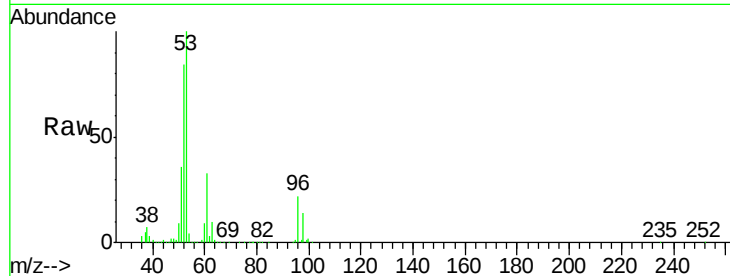
Tot Ion: 53 Resp: 207598

Ion Ratio Lower Upper

53 100

52 82.1 65.6 98.4

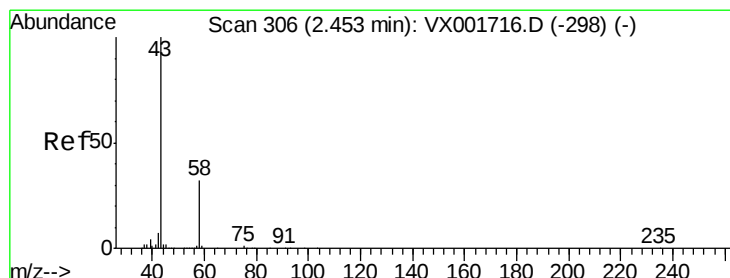
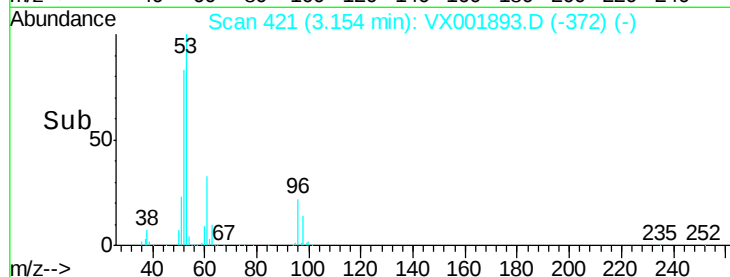
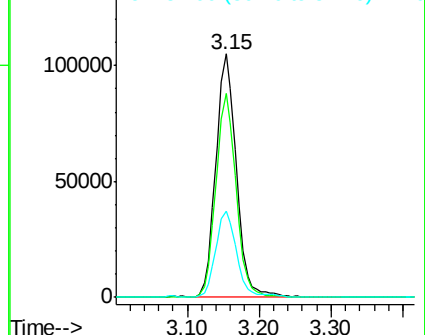
51 36.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 125.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001893.D

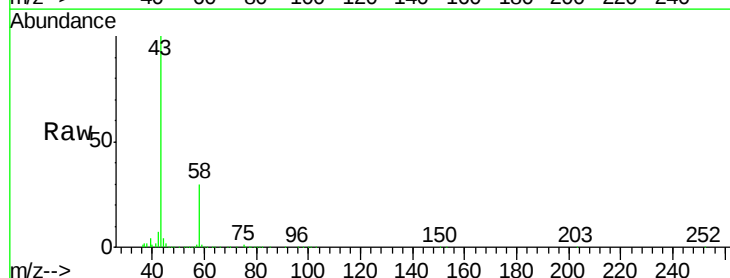
Acq: 22 May 2018 15:10

Tgt Ion: 43 Resp: 206993

Ion Ratio Lower Upper

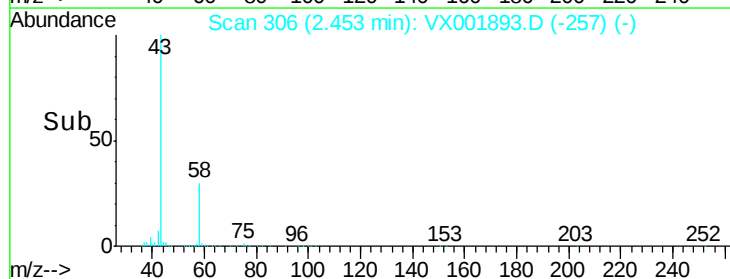
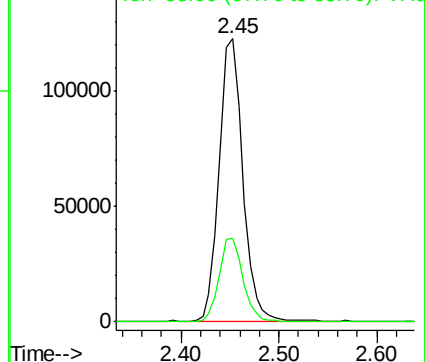
43 100

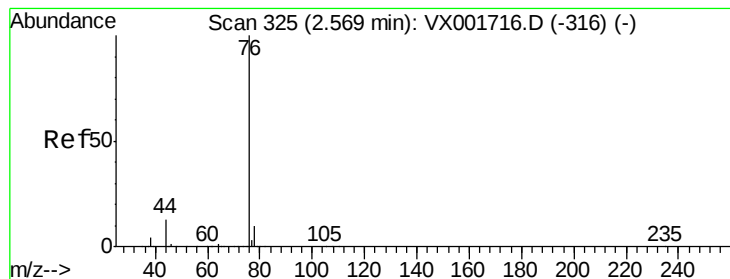
58 29.6 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.90 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

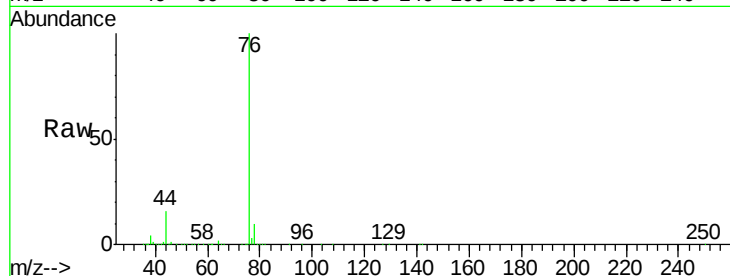
ClientSampled :

Tot Ion: 76 Resp: 128762

Ion Ratio Lower Upper

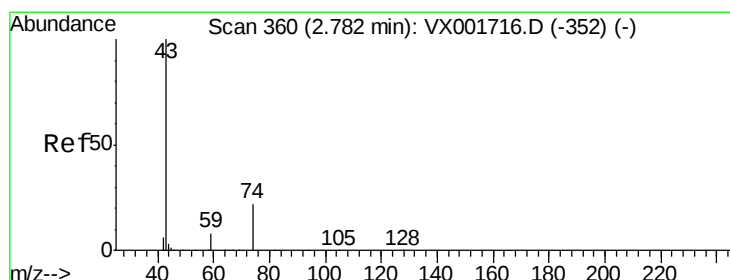
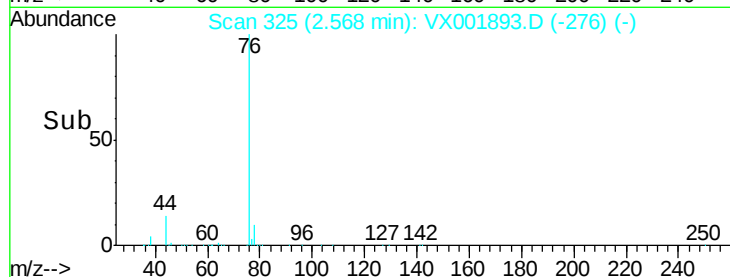
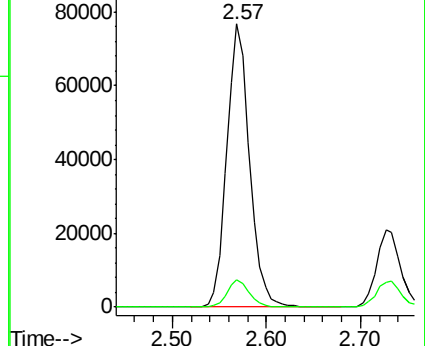
76 100

78 9.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.41 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX001893.D

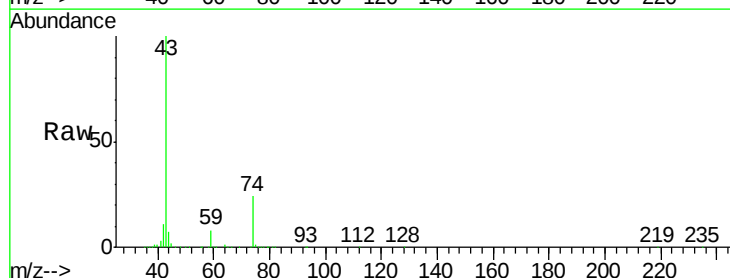
Acq: 22 May 2018 15:10

Tgt Ion: 43 Resp: 118049

Ion Ratio Lower Upper

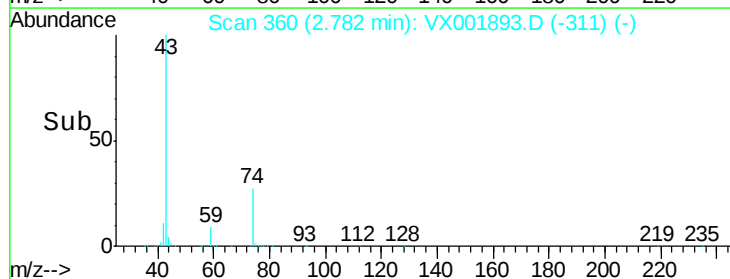
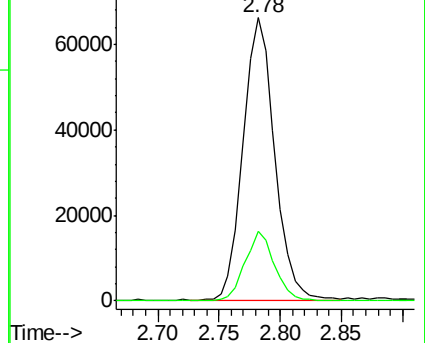
43 100

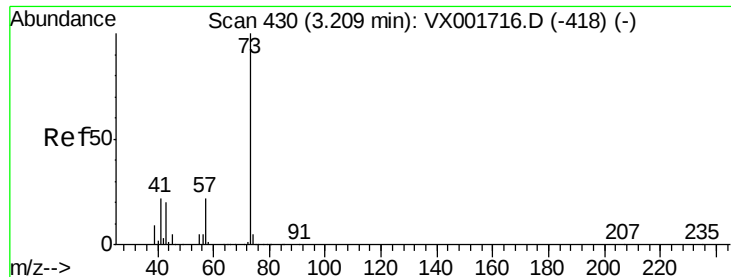
74 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

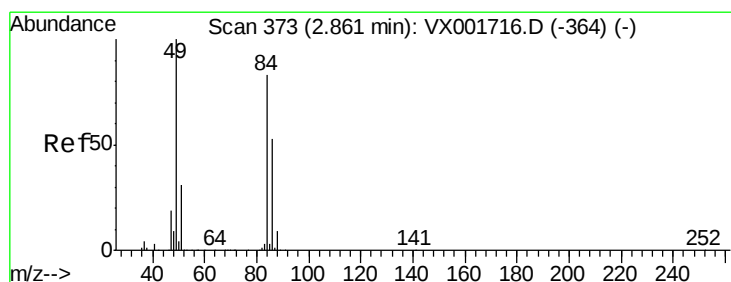
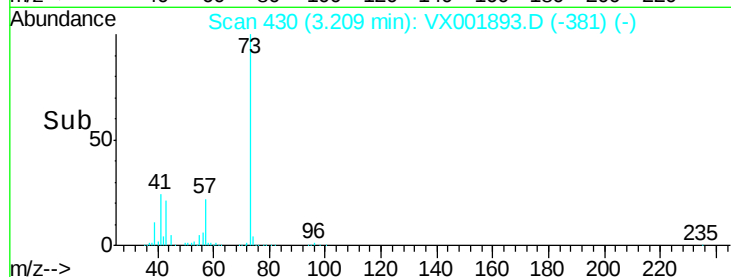
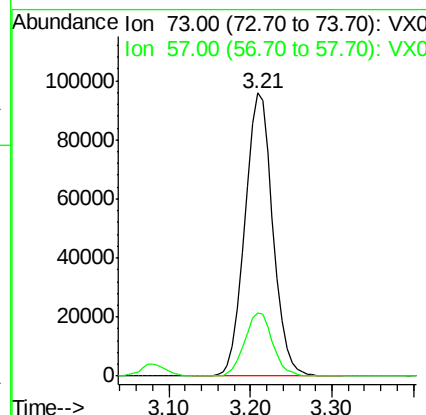
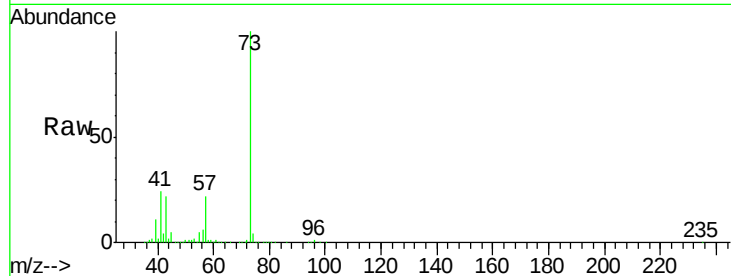




#19
Methvl tert-butvl Ether
Concen: 21.72 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

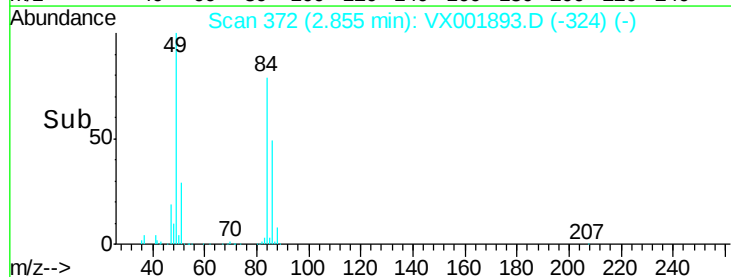
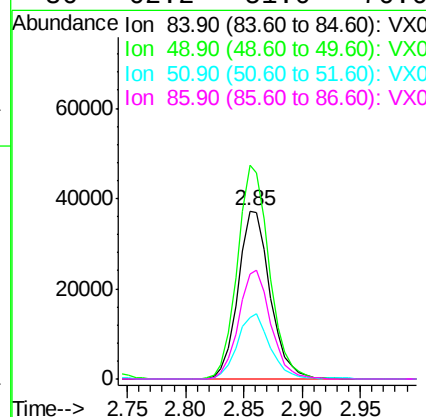
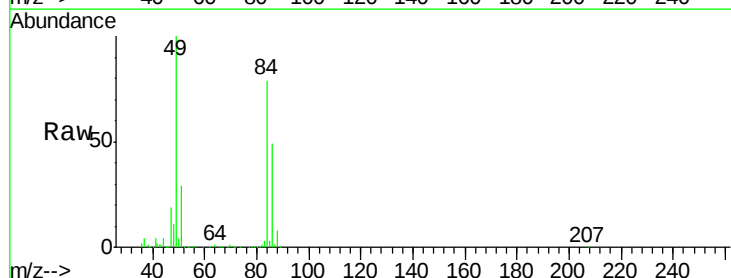
Instrument :
MSVOA_X
ClientSampled :

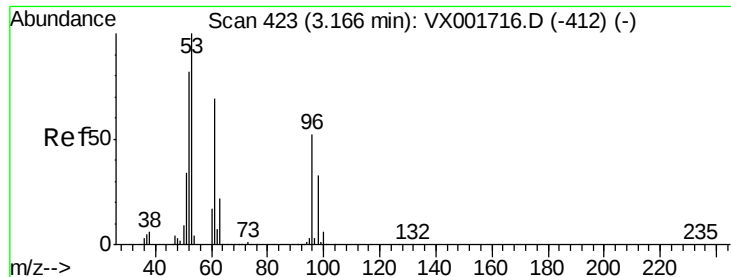
Tot Ion: 73 Resp: 227303
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 20.21 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 84 Resp: 71566
Ion Ratio Lower Upper
84 100
49 127.0 96.3 144.5
51 36.3 29.8 44.6
86 62.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.95 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

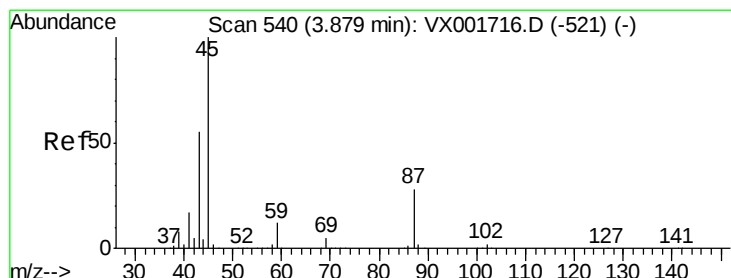
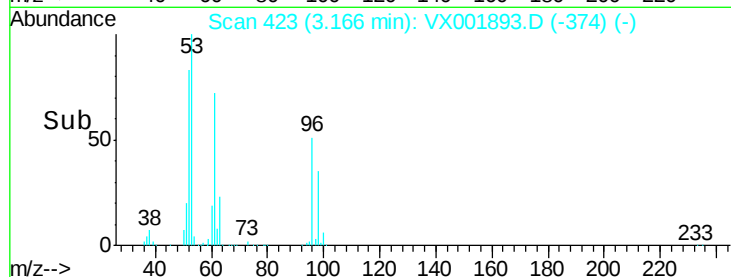
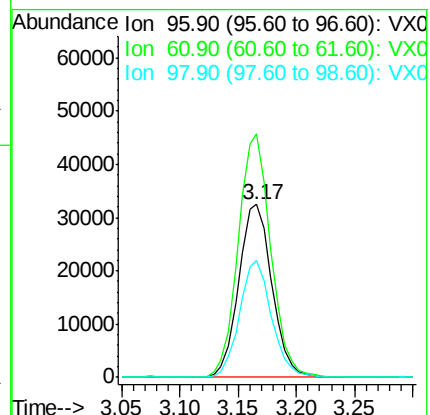
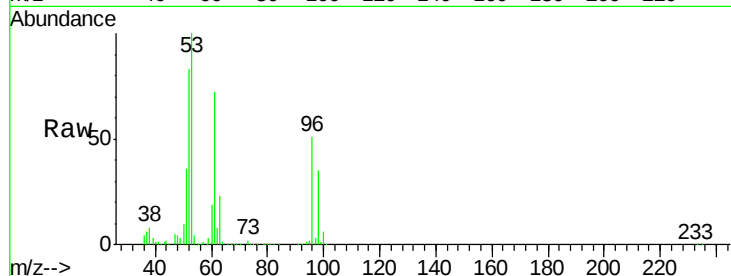
Tot Ion: 96 Resp: 64812

Ion Ratio Lower Upper

96 100

61 140.8 105.8 158.8

98 67.6 50.2 75.4



#22

Diisopropyl ether

Concen: 22.19 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Tgt Ion: 45 Resp: 244308

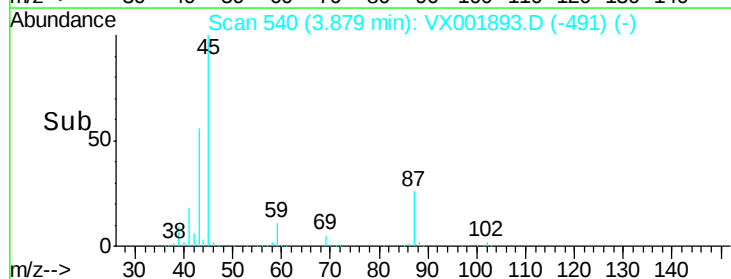
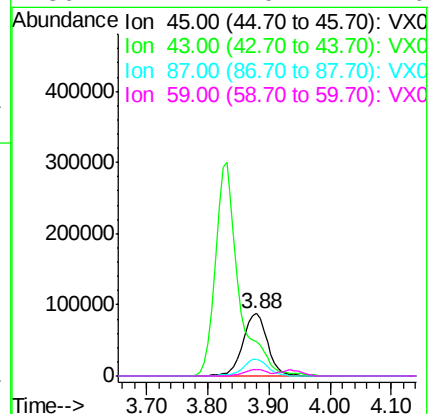
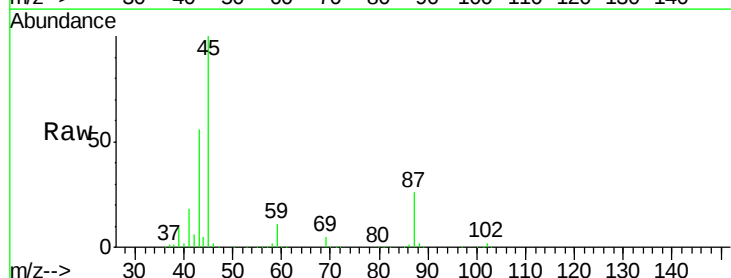
Ion Ratio Lower Upper

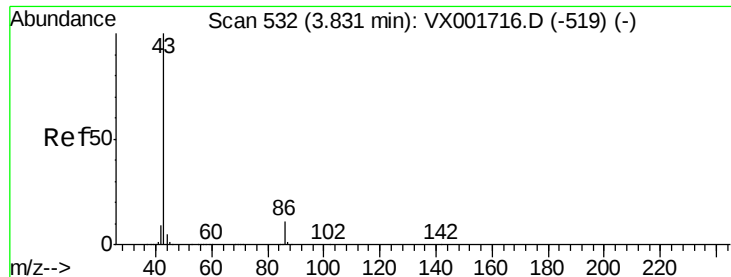
45 100

43 55.5 44.3 66.5

87 26.0 22.6 33.8

59 11.4 9.4 14.0





#23

Vinyl Acetate

Concen: 102.56 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

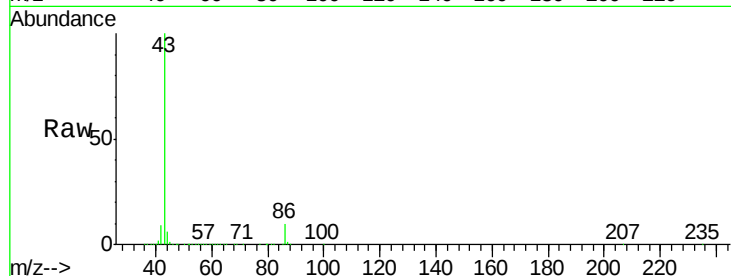
ClientSampled :

Tot Ion: 43 Resp: 813629

Ion Ratio Lower Upper

43 100

86 10.4 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

300000

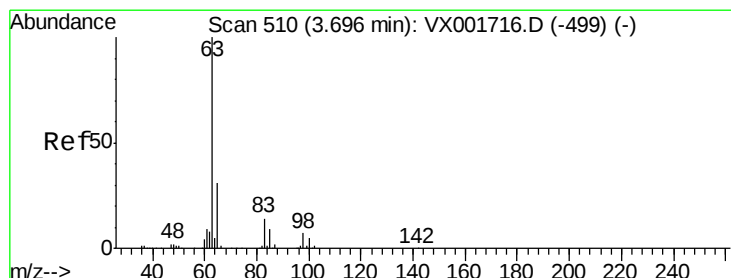
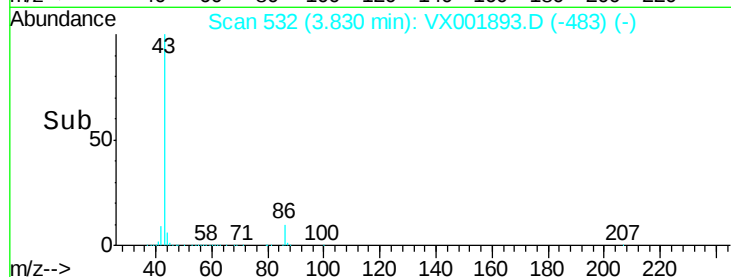
200000

100000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 21.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

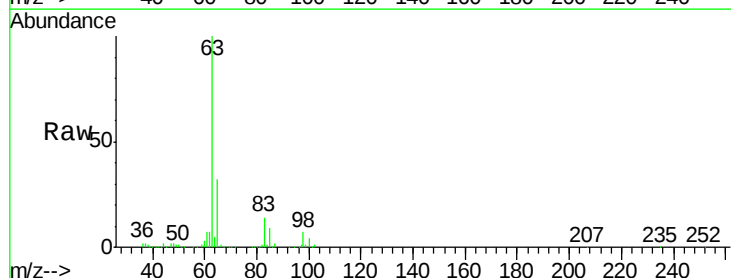
Tgt Ion: 63 Resp: 130973

Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 4.5 2.4 7.2



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

60000

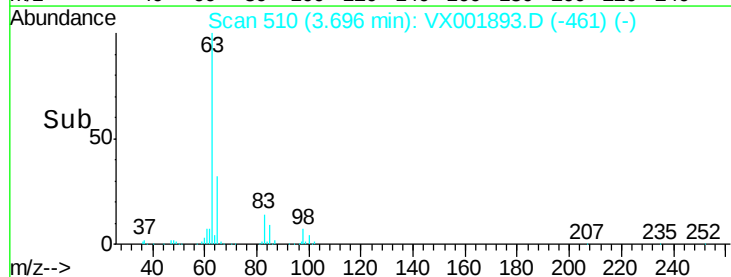
40000

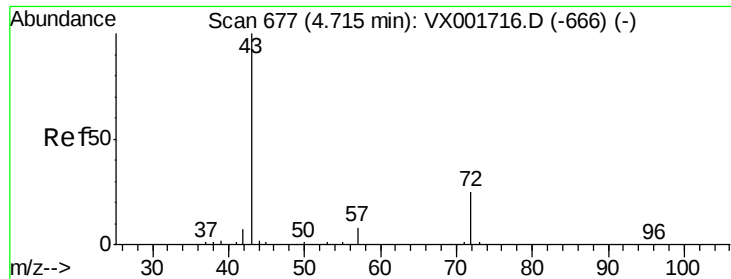
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 121.44 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

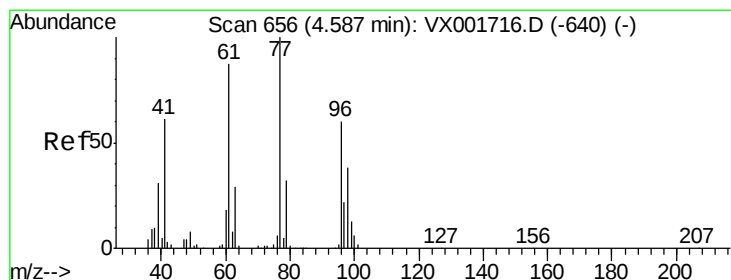
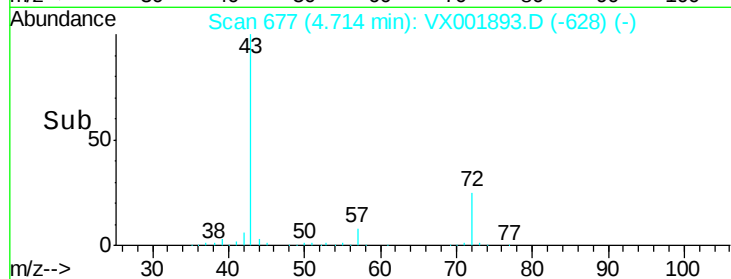
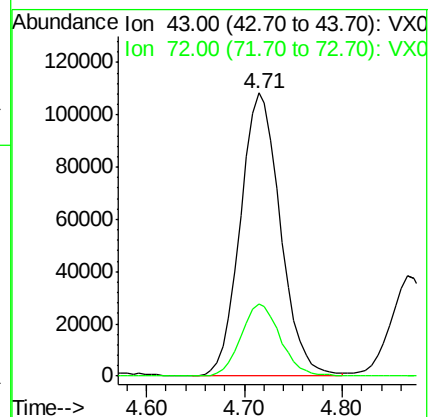
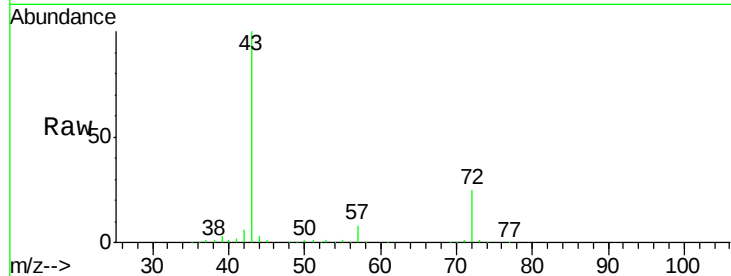
ClientSampled :

Tot Ion: 43 Resp: 307522

Ion Ratio Lower Upper

43 100

72 25.4 19.8 29.6



#26

2,2-Dichloropropane

Concen: 21.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001893.D

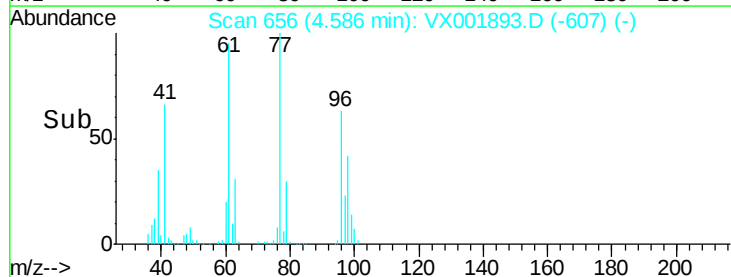
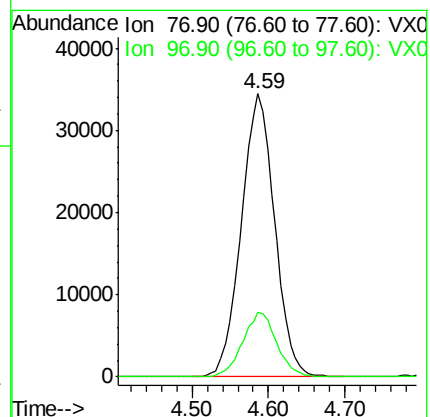
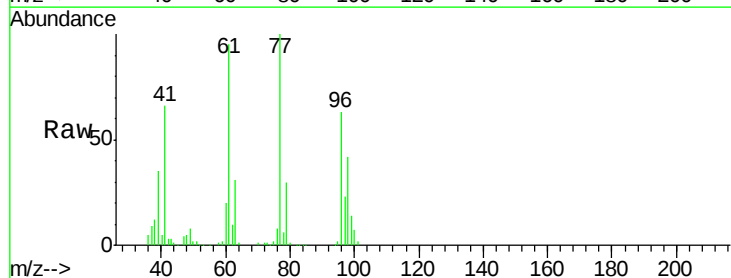
Acq: 22 May 2018 15:10

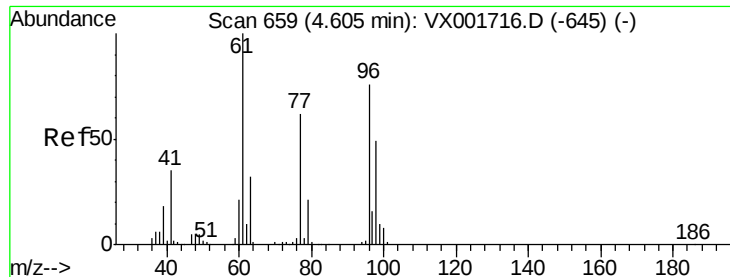
Tgt Ion: 77 Resp: 104344

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8



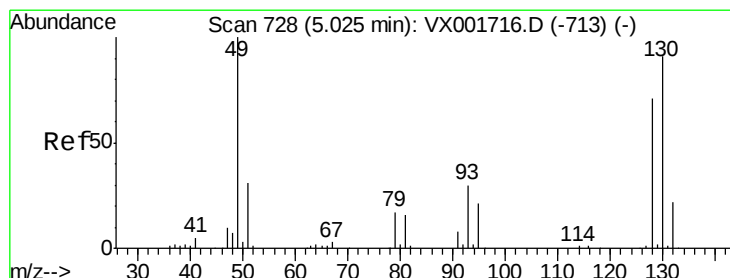
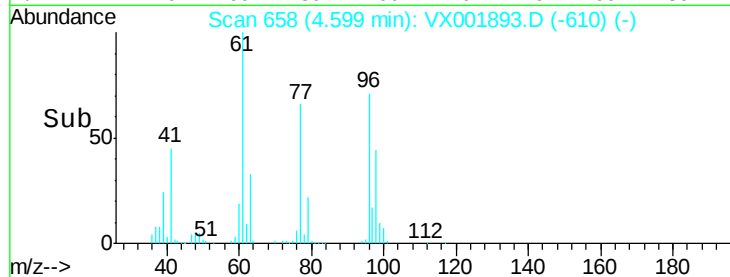
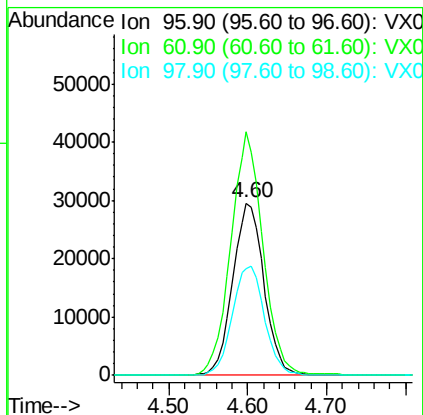
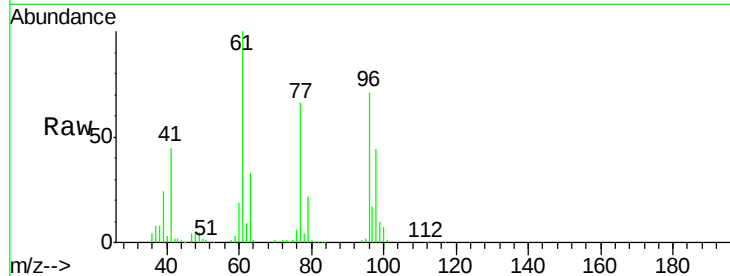


#27

cis-1,2-Dichloroethene
Concen: 20.89 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

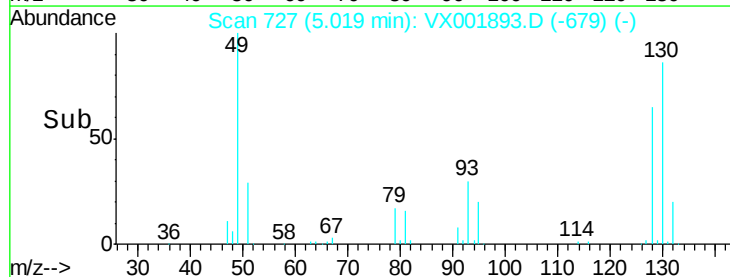
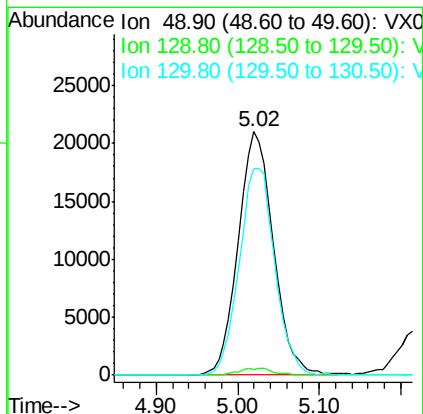
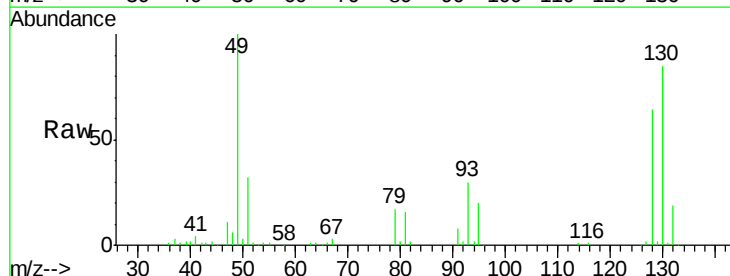
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	280.4
98	65.3	0.0	128.4

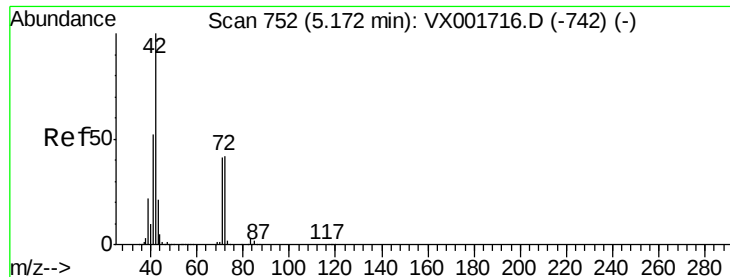


#28

Bromochloromethane
Concen: 23.51 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	85.9	71.8	107.6

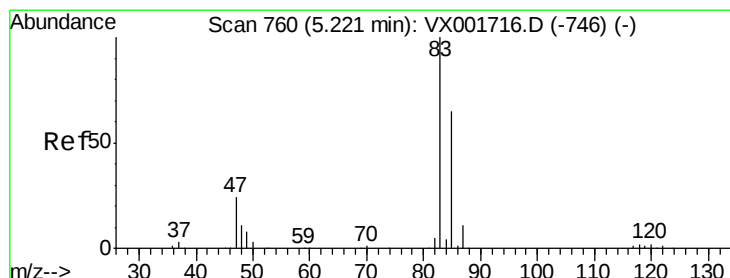
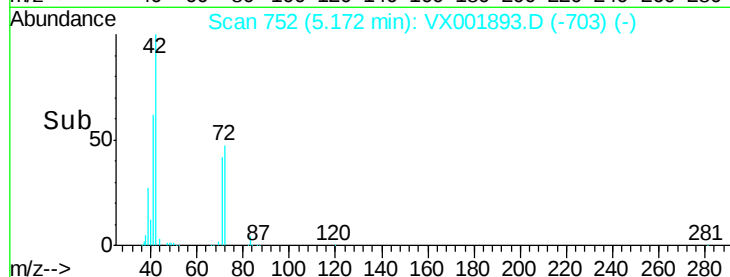
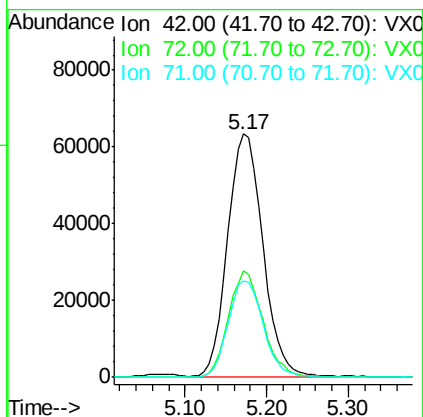
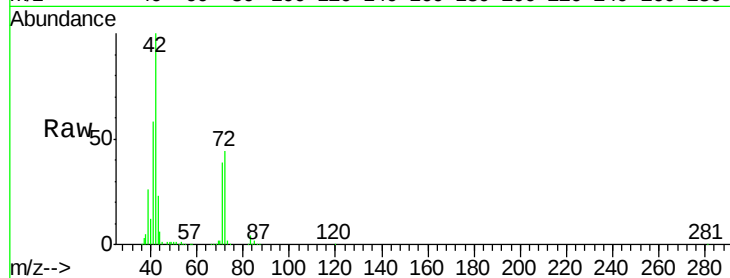




#29
Tetrahydrofuran
Concen: 114.65 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

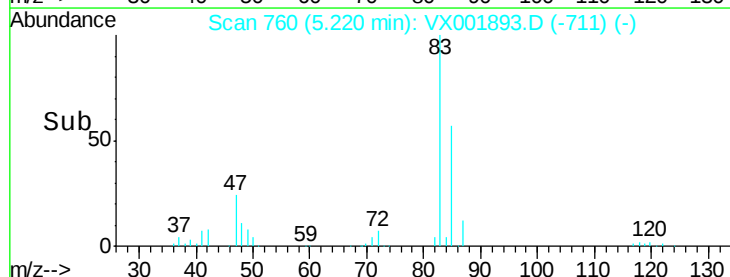
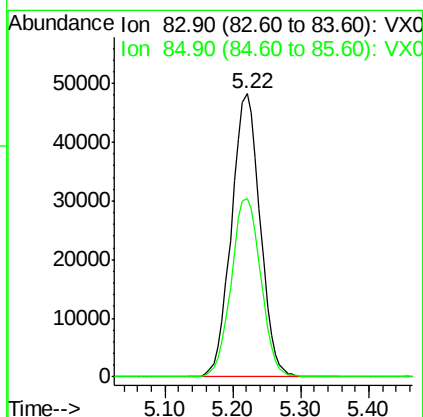
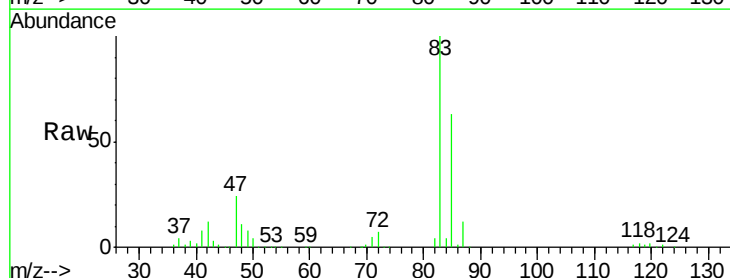
Instrument :
MSVOA_X
ClientSampleId :

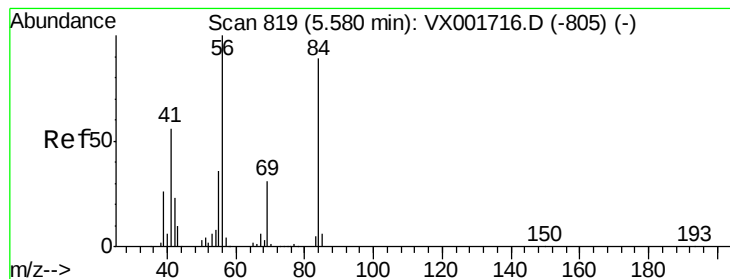
Tot Ion: 42 Resp: 189254
Ion Ratio Lower Upper
42 100
72 42.9 35.4 53.2
71 39.9 33.2 49.8



#30
Chloroform
Concen: 22.26 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 83 Resp: 141191
Ion Ratio Lower Upper
83 100
85 63.1 52.3 78.5





#31

Cyclohexane

Concen: 20.97 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

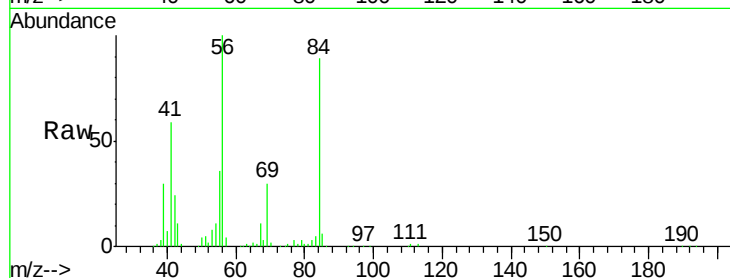
Tot Ion: 56 Resp: 111007

Ion Ratio Lower Upper

56 100

69 30.1 25.0 37.6

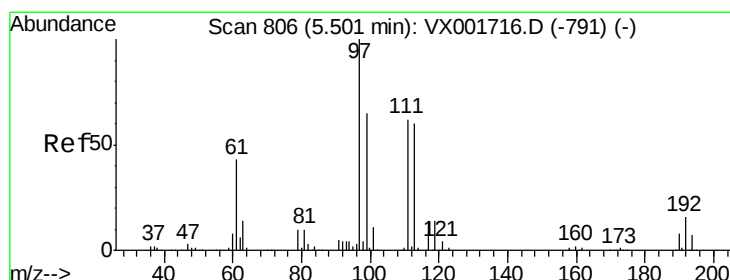
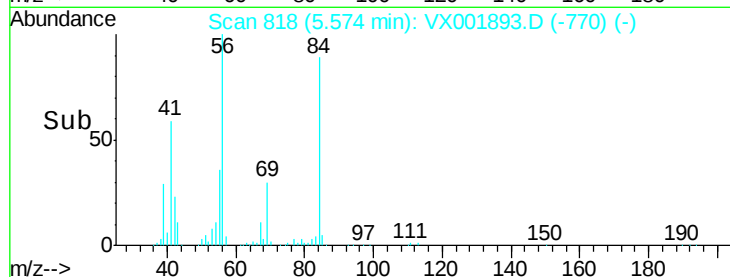
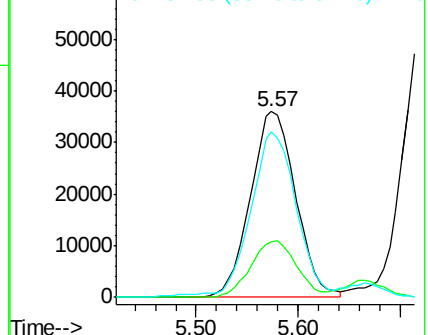
84 87.0 71.0 106.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 21.89 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

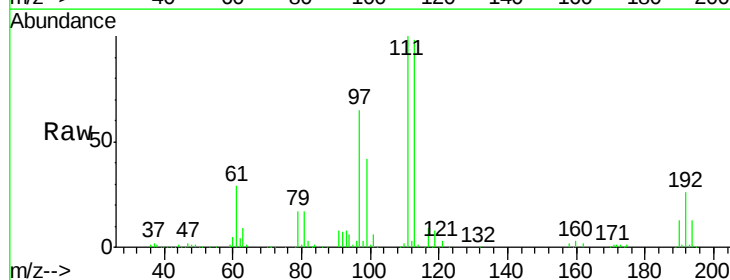
Tgt Ion: 97 Resp: 119973

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

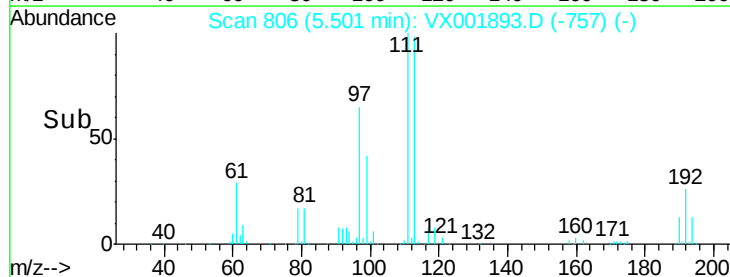
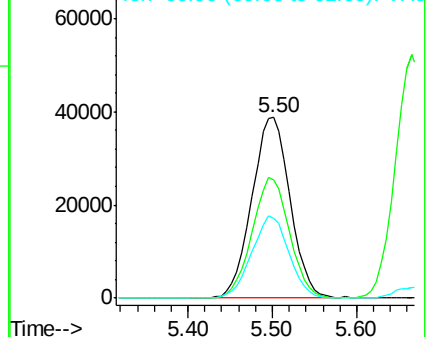
61 44.8 34.0 51.0



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

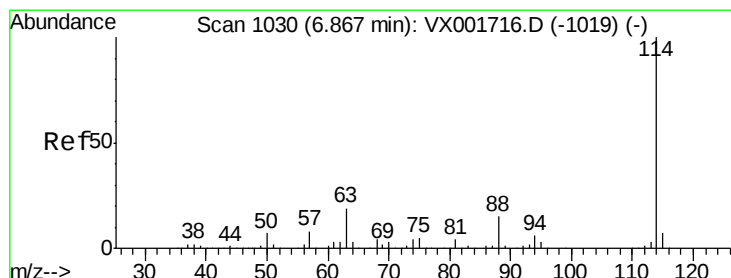
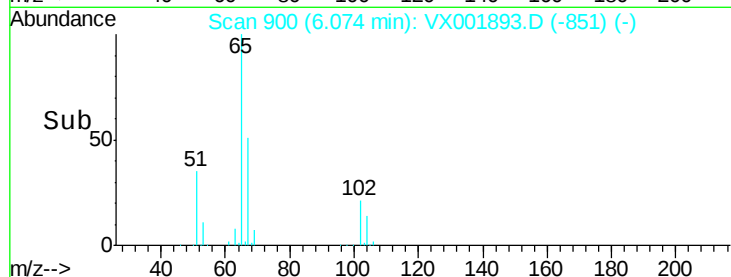
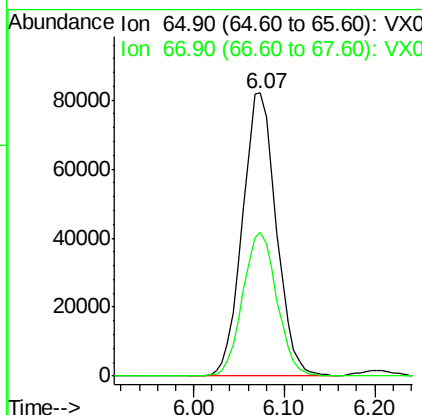
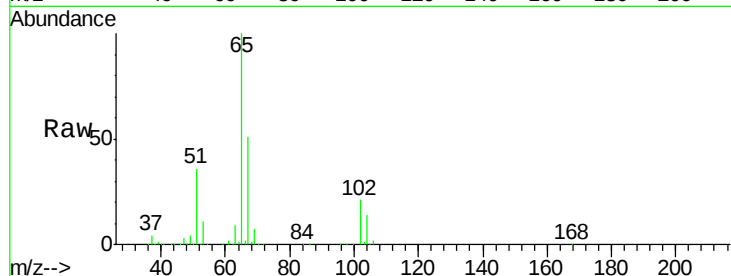




#33
 1,2-Dichloroethane-d4
 Concen: 50.44 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

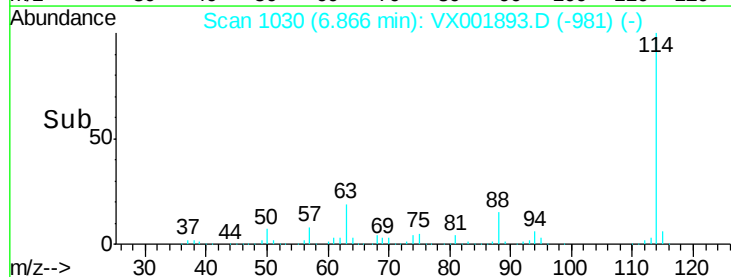
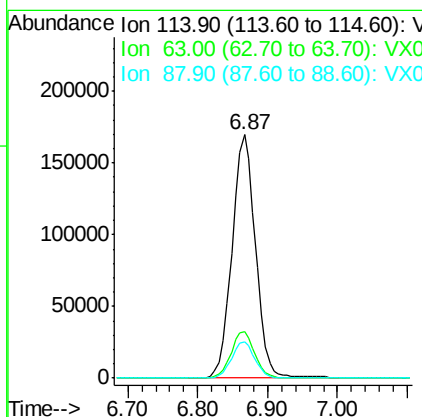
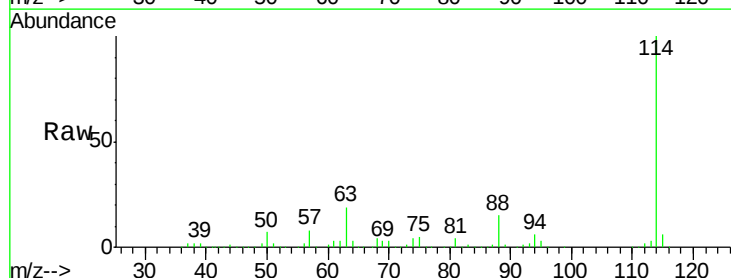
Instrument :
 MSVOA_X
 ClientSampleId :

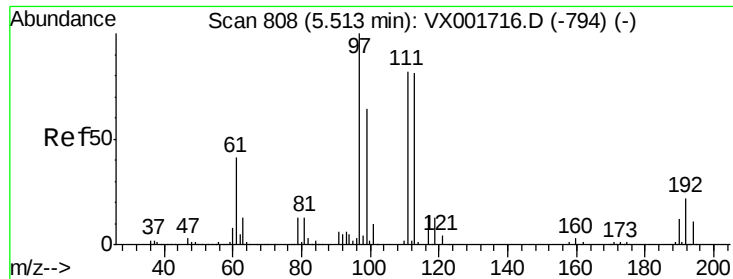
Tot Ion: 65 Resp: 212400
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion: 114 Resp: 395929
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.9 0.0 29.8





#35

Dibromofluoromethane

Concen: 53.26 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

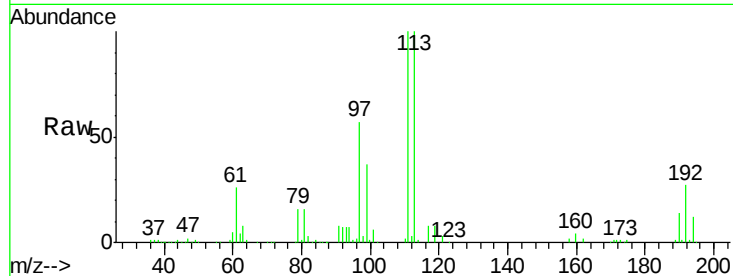
Tot Ion:113 Resp: 177951

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

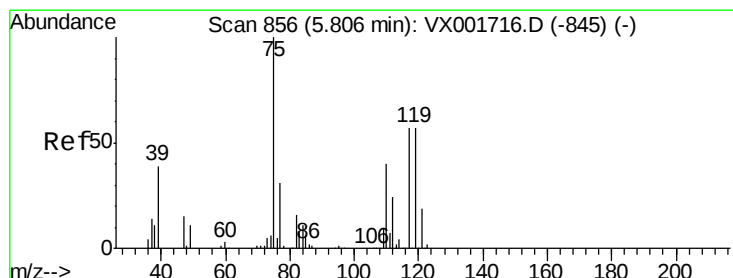
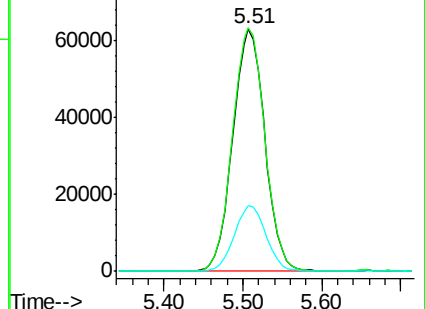
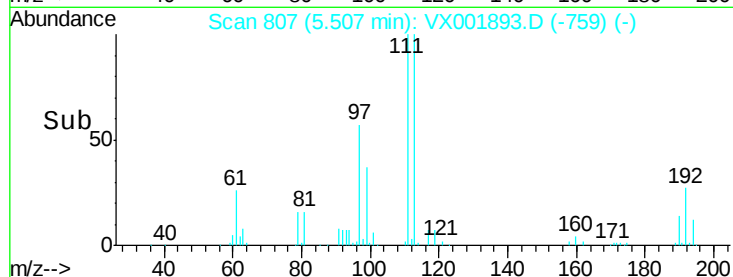
192 27.0 21.6 32.4



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: 20.99 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

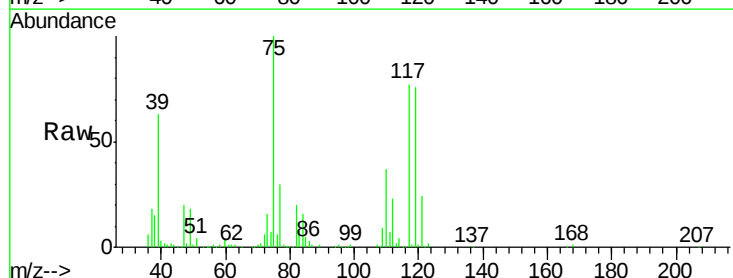
Tgt Ion: 75 Resp: 95652

Ion Ratio Lower Upper

75 100

110 38.6 19.1 57.1

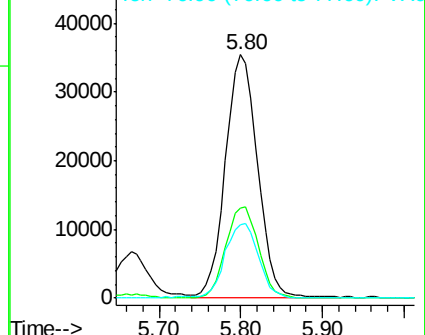
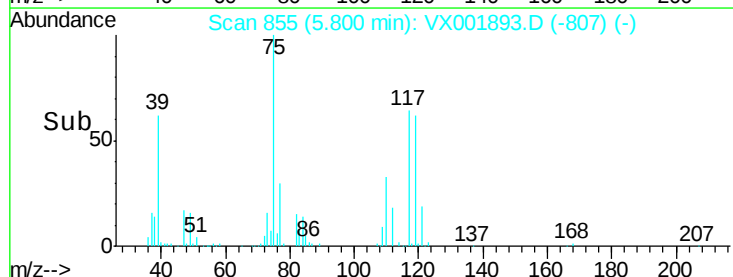
77 31.7 24.6 37.0

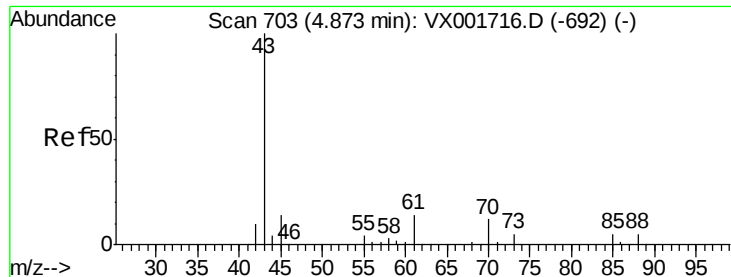


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

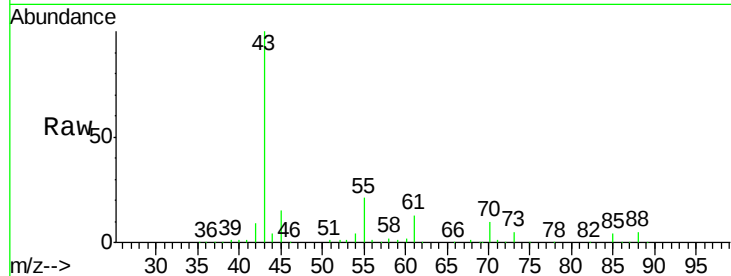




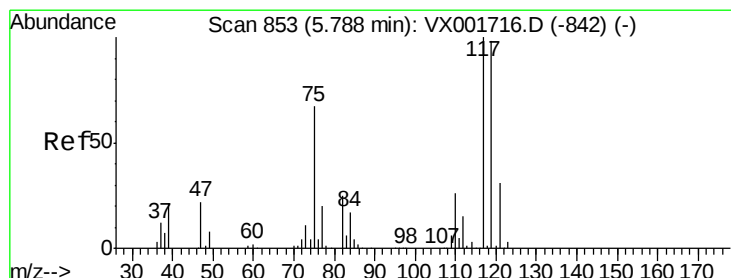
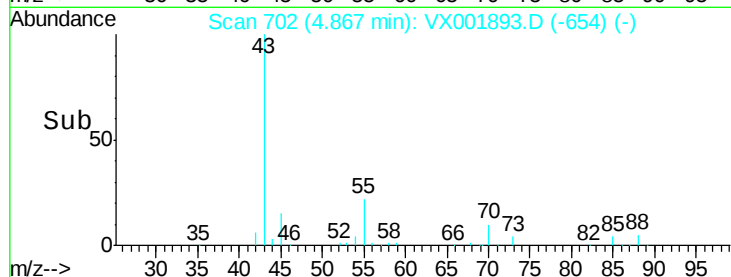
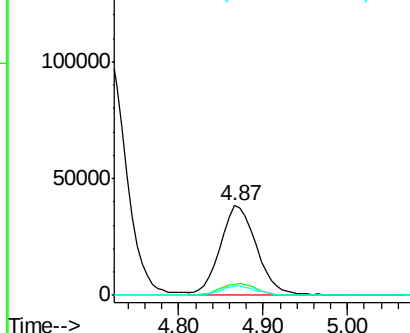
#37
Ethyl Acetate
Concen: 23.46 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 111426
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 10.6 8.8 13.2

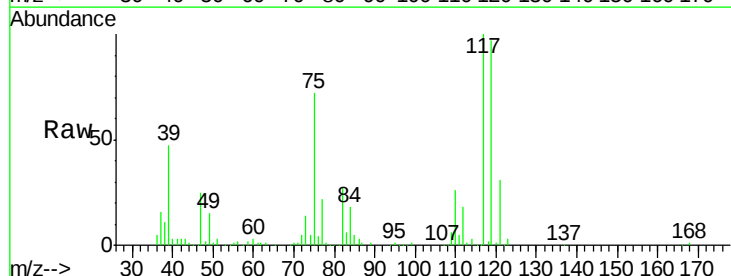


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

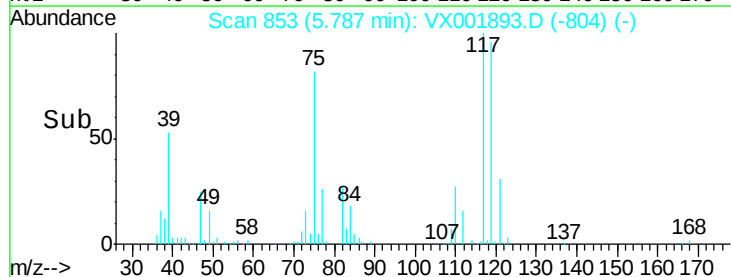
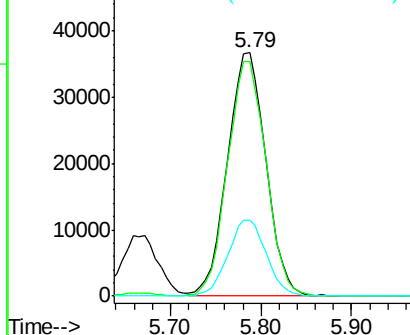


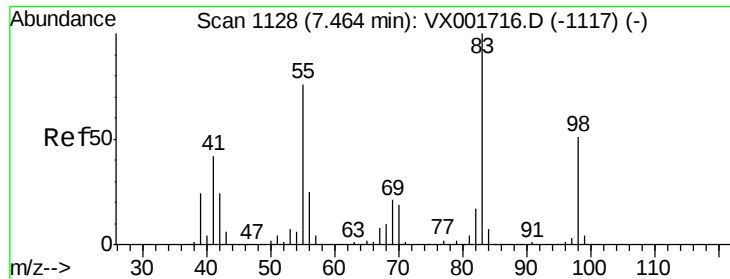
#38
Carbon Tetrachloride
Concen: 22.66 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 117 Resp: 108173
Ion Ratio Lower Upper
117 100
119 96.6 77.6 116.4
121 31.4 24.6 36.8



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

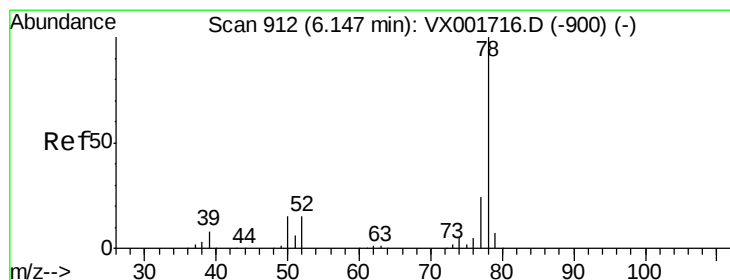
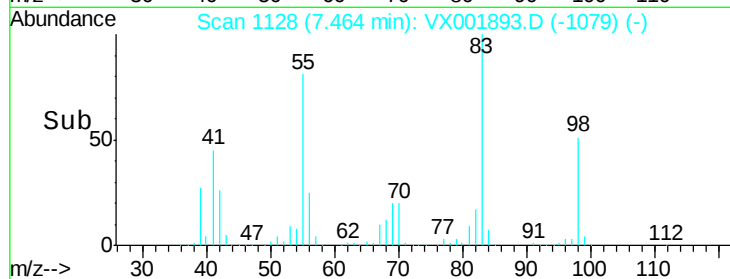
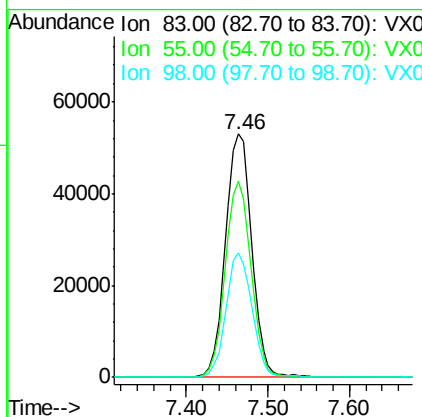
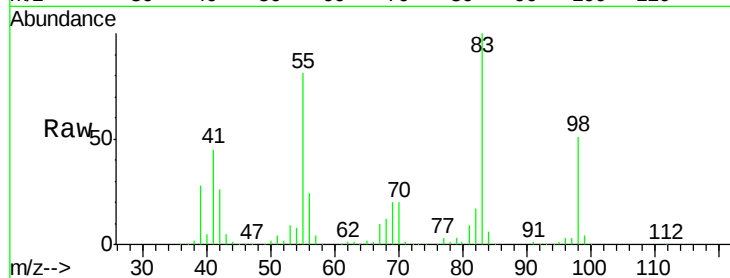




#39
Methvlcvclohexane
Concen: 22.15 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

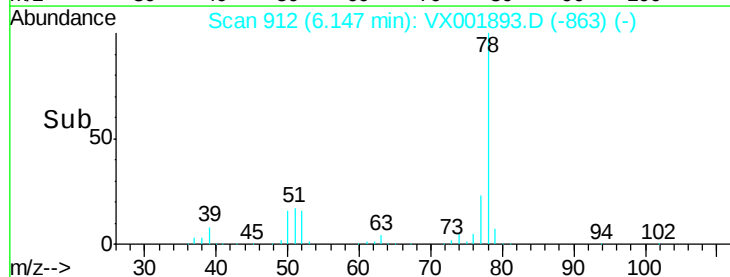
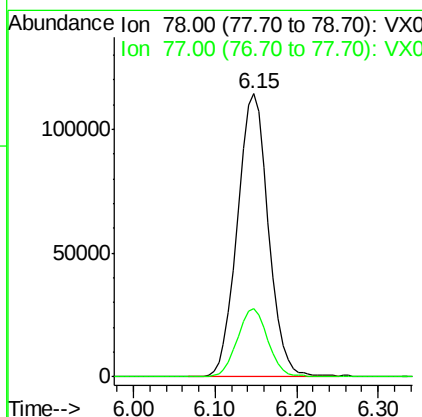
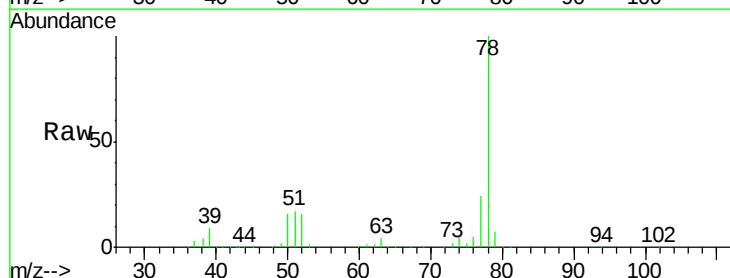
Instrument :
MSVOA_X
ClientSampleId :

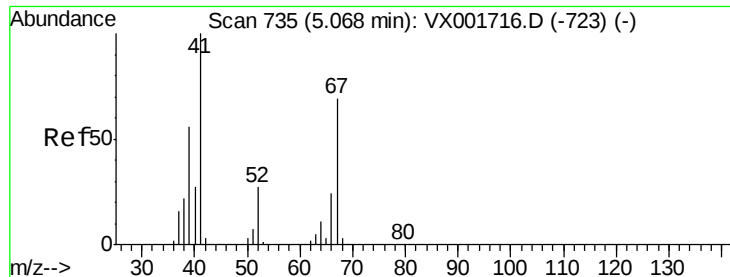
Tot Ion	83	Resp	117937
Ion	Ratio	Lower	Upper
83	100		
55	80.9	60.6	90.8
98	51.0	40.4	60.6



#40
Benzene
Concen: 22.47 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion	78	Resp	301692
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4

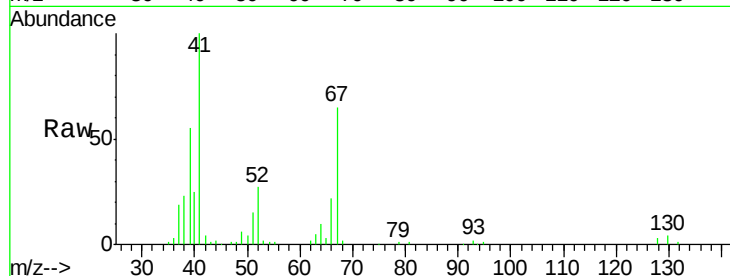




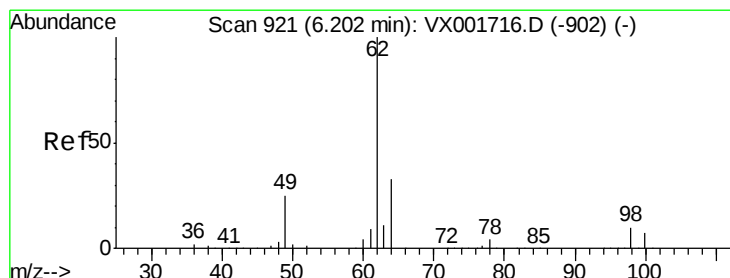
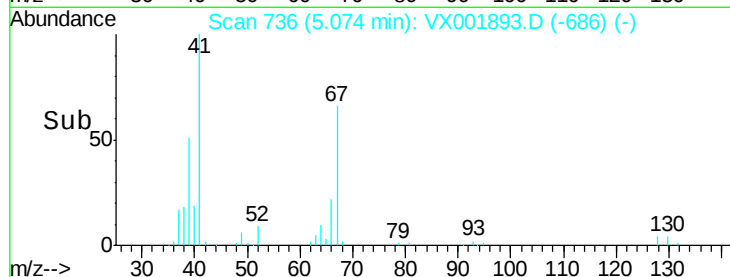
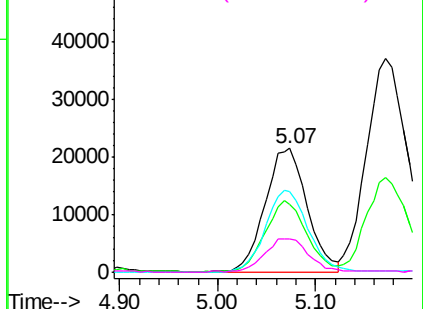
#41
Methacrylonitrile
Concen: 23.55 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 64689
Ion Ratio Lower Upper
41 100
39 57.3 44.2 66.4
67 67.2 56.0 84.0
52 28.1 22.6 33.8

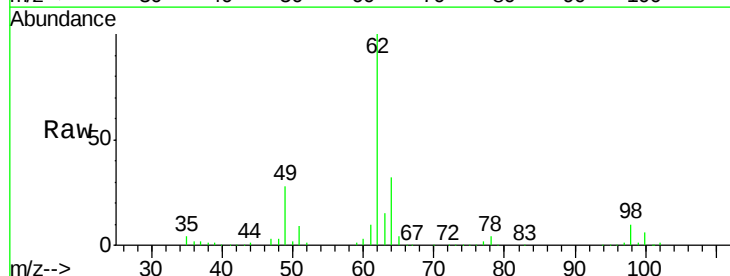


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

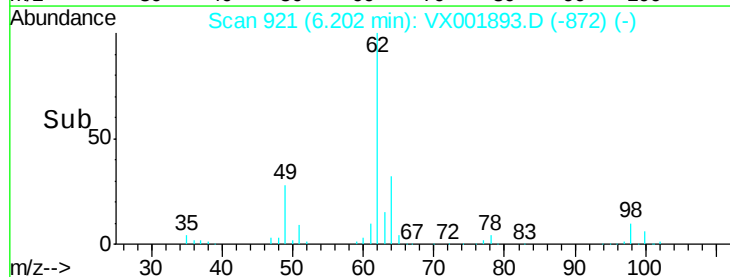
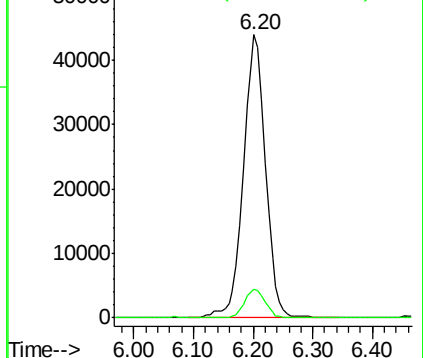


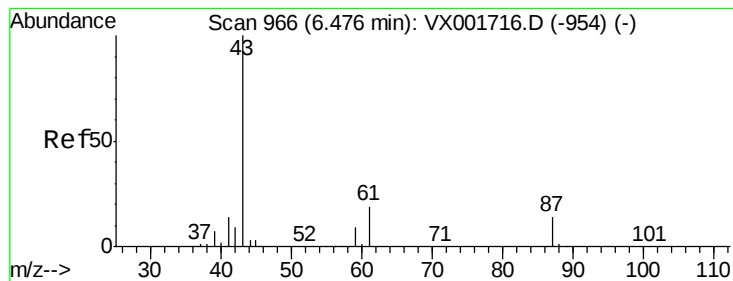
#42
1,2-Dichloroethane
Concen: 23.45 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 62 Resp: 113889
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.0



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



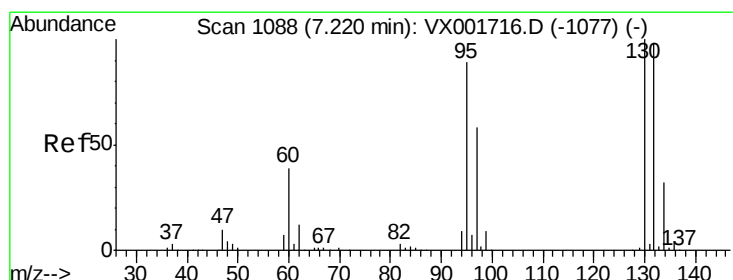
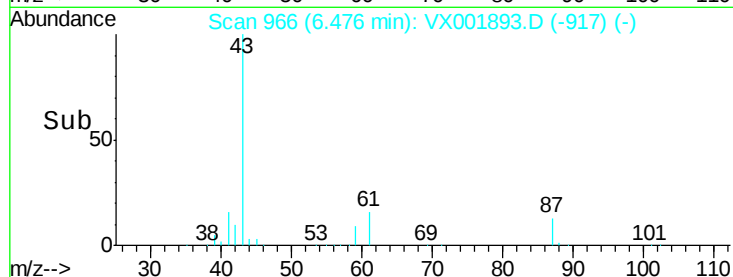
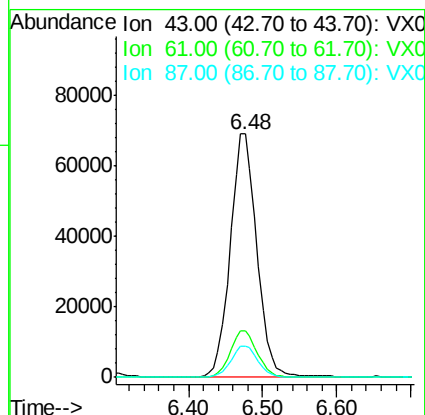
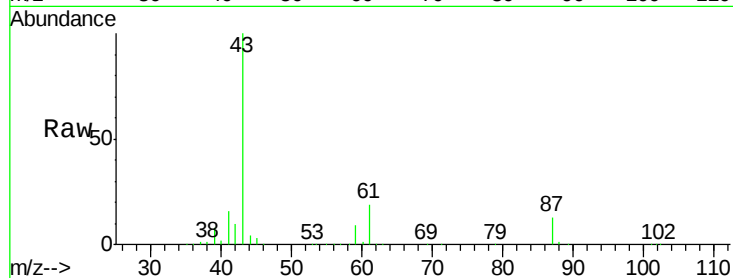


#43

Isopropyl Acetate
 Concen: 23.14 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Instrument :
 MSVOA_X
 ClientSampled :

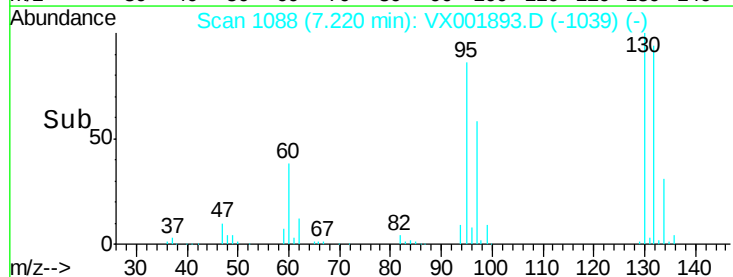
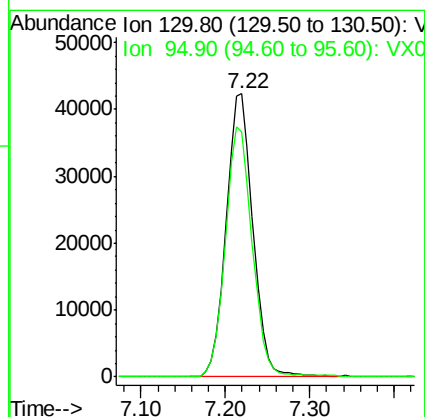
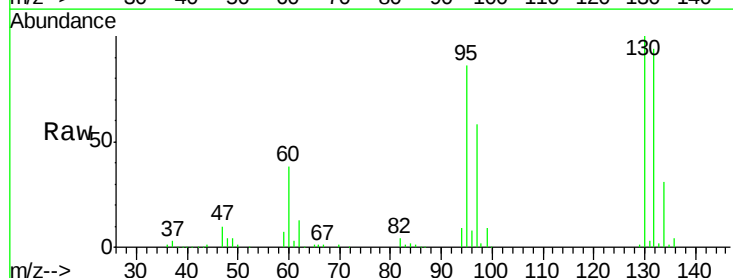
Tot Ion	43	Resp	172057
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.8	23.8
87	13.2	11.0	16.4

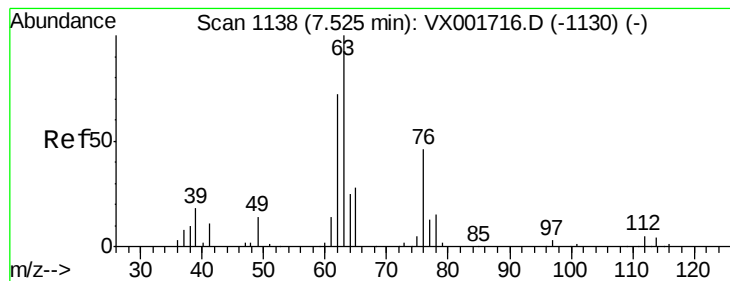


#44

Trichloroethene
 Concen: 22.04 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion	130	Resp	91879
Ion Ratio	Lower	Upper	
130	100		
95	86.5	0.0	177.2





#45

1,2-Dichloropropane

Concen: 23.90 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

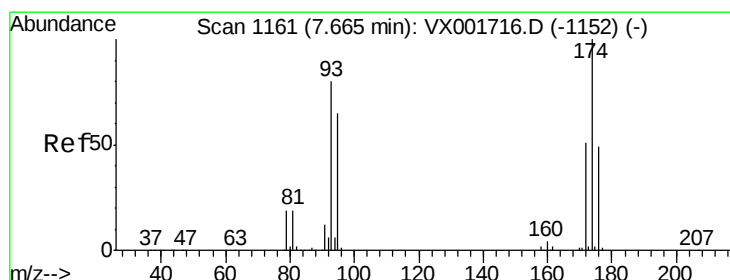
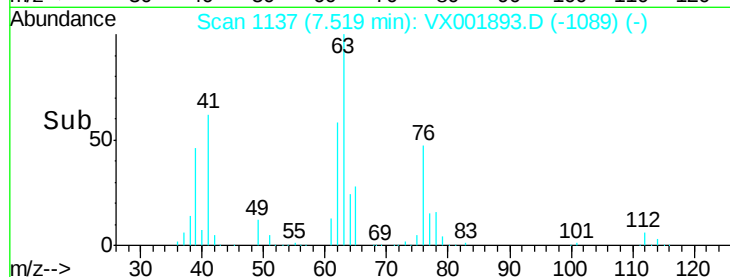
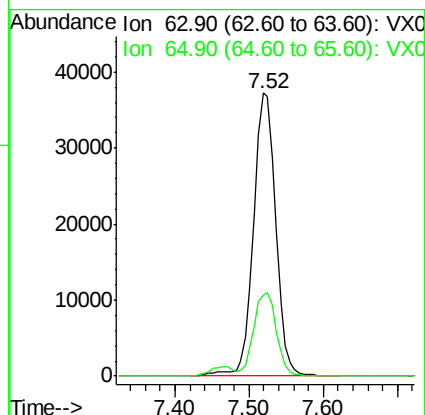
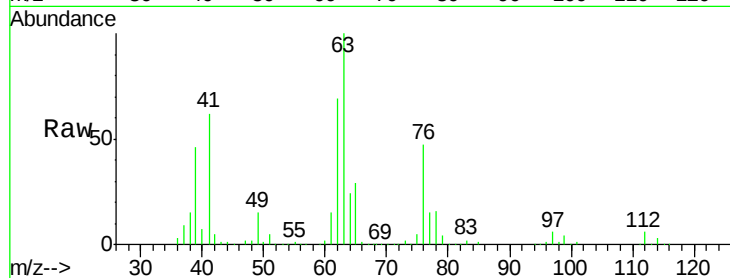
ClientSampled :

Tot Ion: 63 Resp: 78764

Ion Ratio Lower Upper

63 100

65 28.8 24.2 36.2



#46

Dibromomethane

Concen: 22.70 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

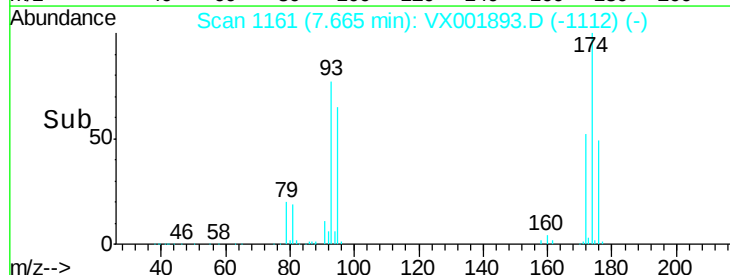
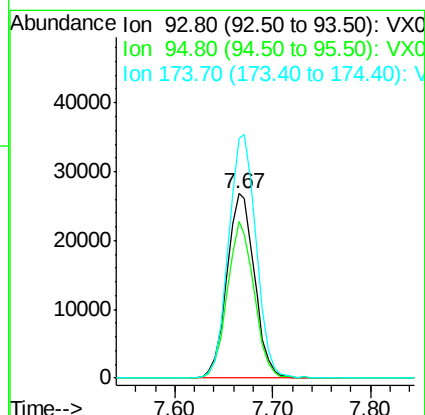
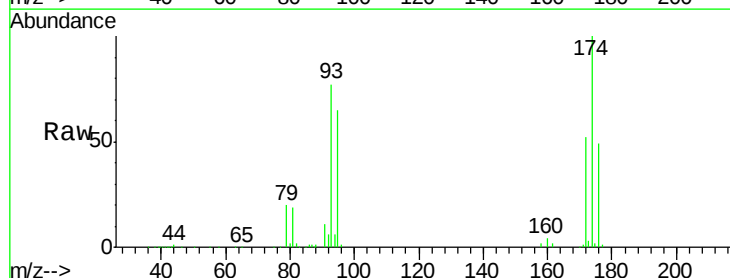
Tgt Ion: 93 Resp: 52514

Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

174 131.6 106.2 159.2





#47

Bromodichloromethane

Concen: 23.70 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

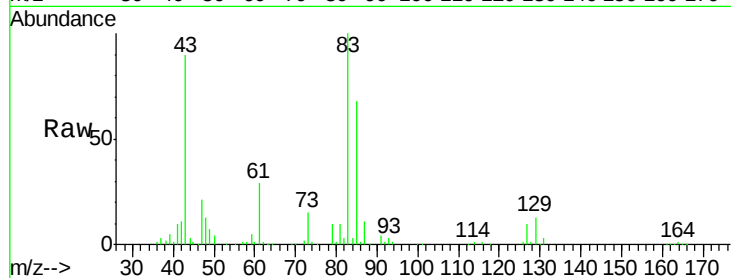
Tot Ion: 83 Resp: 101758

Ion Ratio Lower Upper

83 100

85 67.8 49.6 74.4

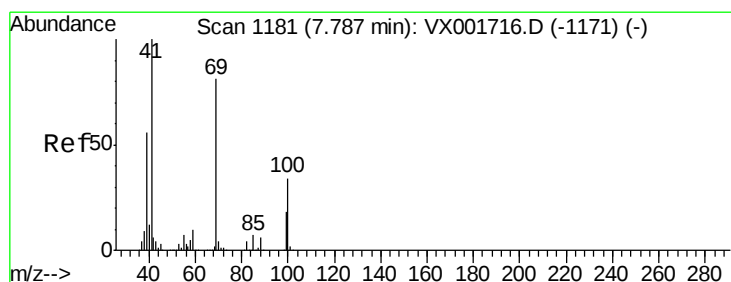
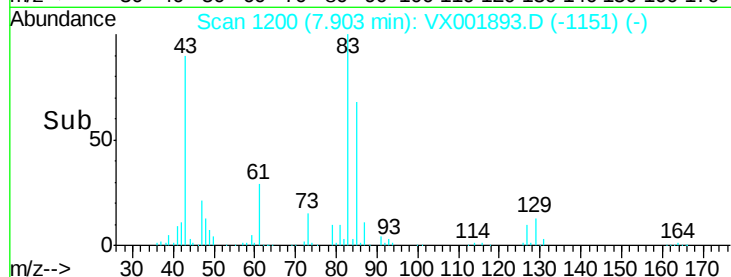
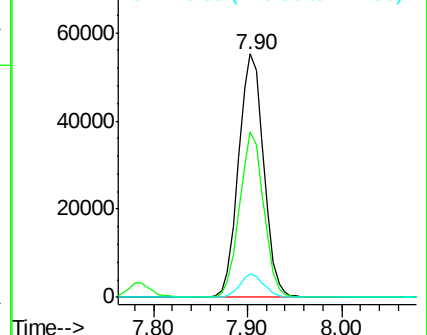
127 9.8 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 23.62 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

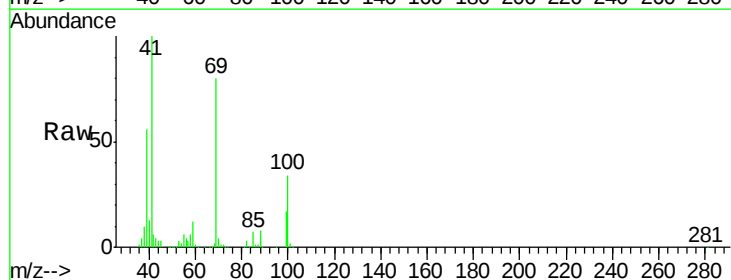
Tgt Ion: 41 Resp: 92407

Ion Ratio Lower Upper

41 100

69 79.1 65.2 97.8

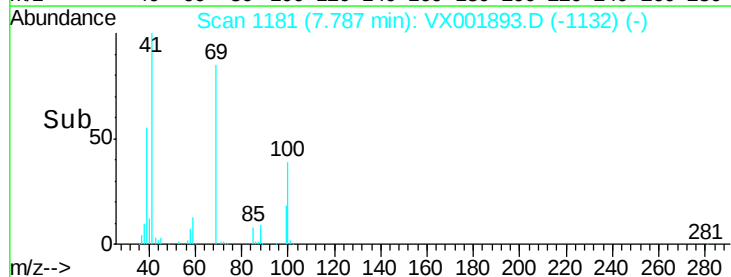
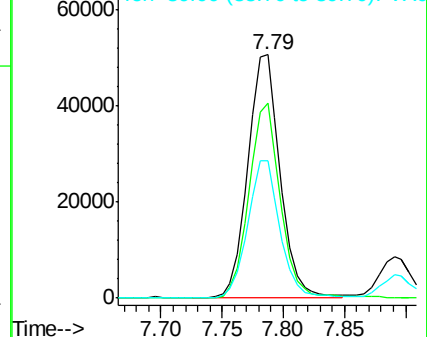
39 56.9 44.5 66.7

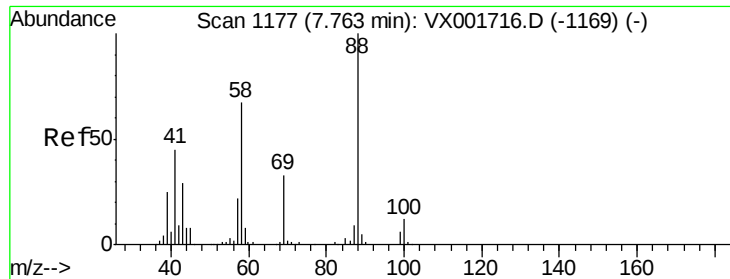


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

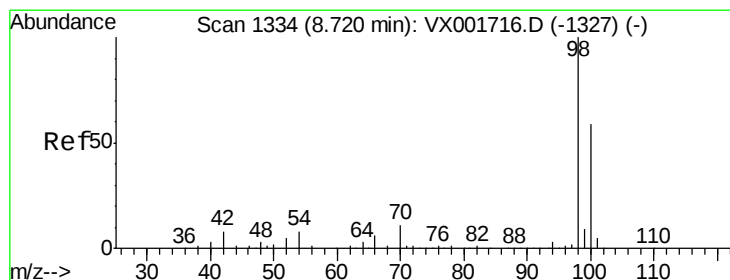
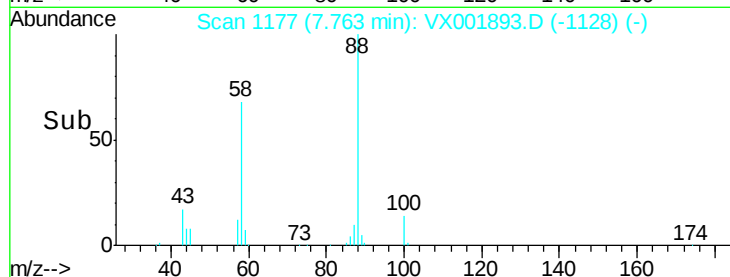
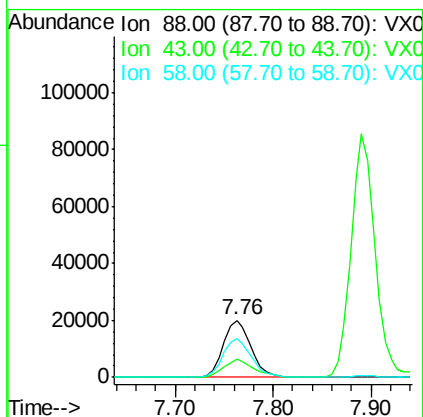
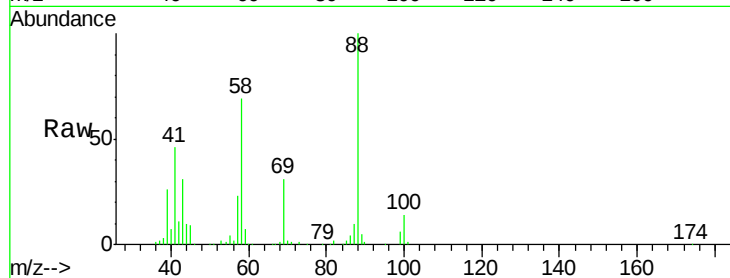




#49
1,4-Dioxane
Concen: 517.90 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

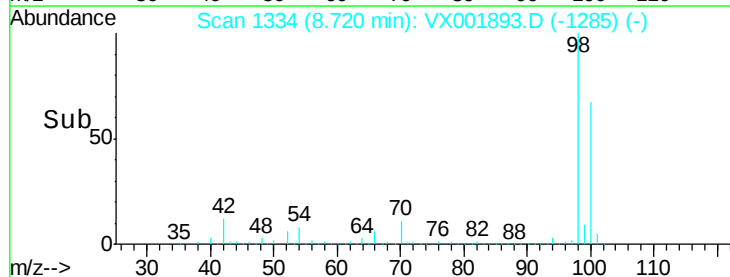
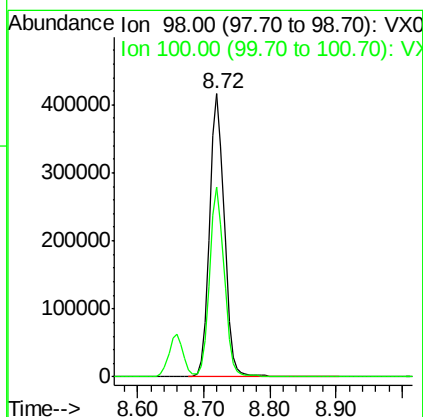
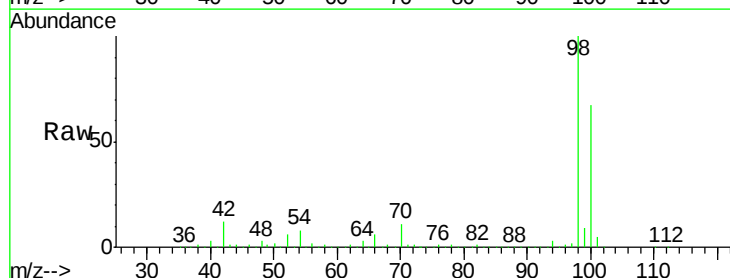
Instrument :
MSVOA_X
ClientSampled :

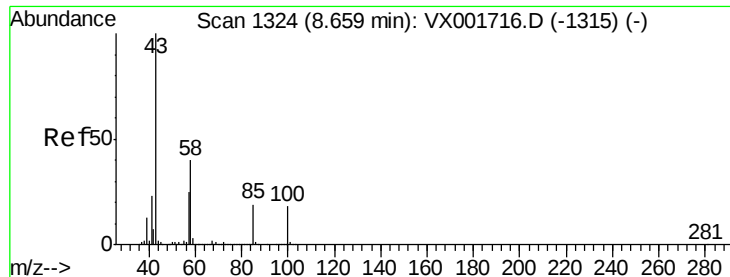
Tot Ion: 88 Resp: 39020
Ion Ratio Lower Upper
88 100
43 34.3 27.3 40.9
58 71.0 55.9 83.9



#50
Toluene-d8
Concen: 53.95 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 98 Resp: 645639
Ion Ratio Lower Upper
98 100
100 67.0 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 127.54 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

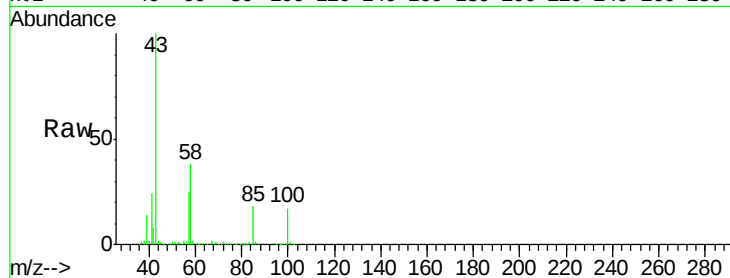
ClientSampleId :

Tot Ion: 43 Resp: 600867

Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

400000

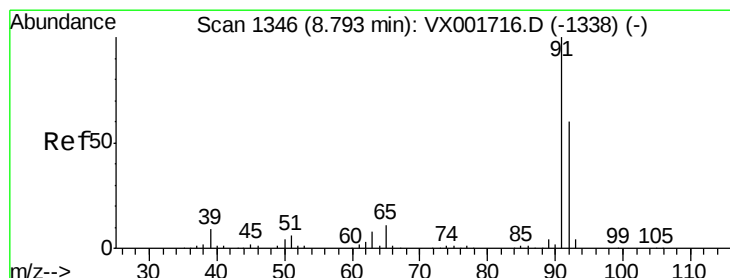
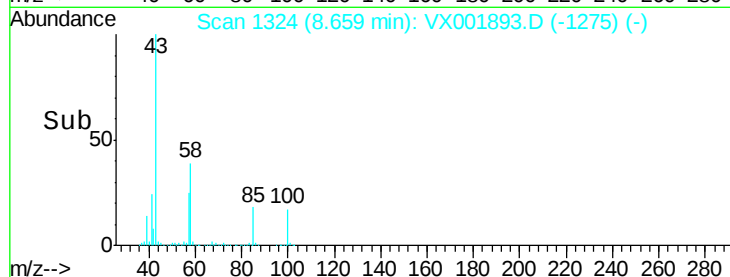
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 23.03 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001893.D

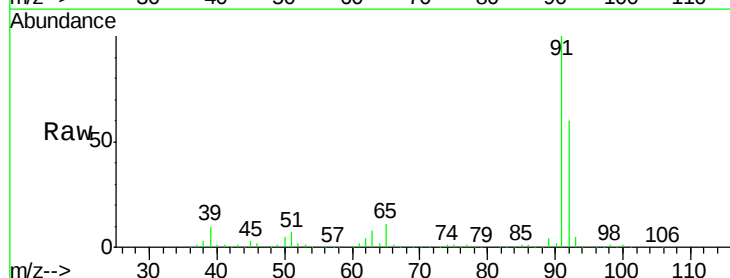
Acq: 22 May 2018 15:10

Tgt Ion: 92 Resp: 198735

Ion Ratio Lower Upper

92 100

91 168.3 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

250000

200000

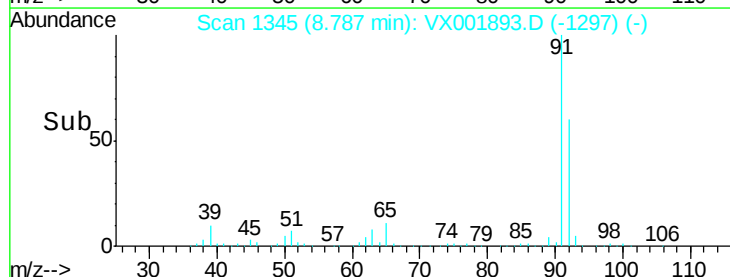
150000

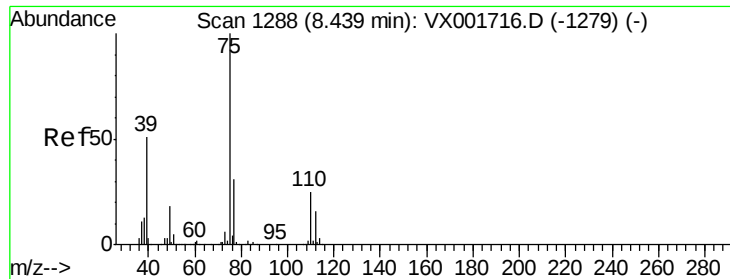
100000

50000

0

Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 23.07 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

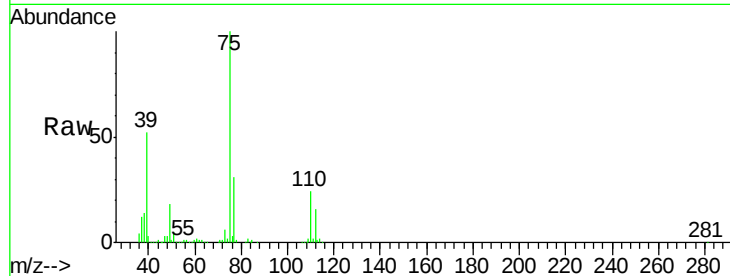
ClientSampleId :

Tot Ion: 75 Resp: 116525

Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

80000

60000

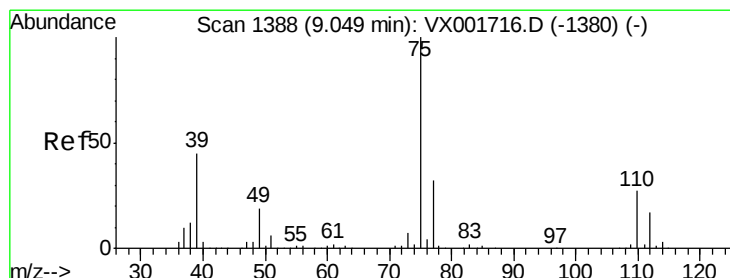
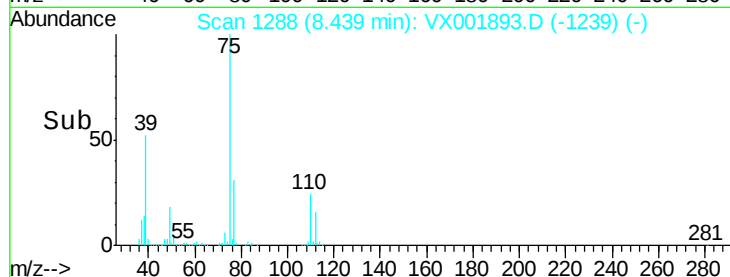
40000

20000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 22.14 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

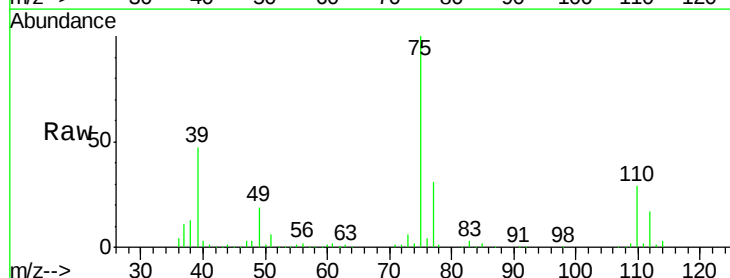
Tgt Ion: 75 Resp: 98593

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2

39 46.3 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

80000

60000

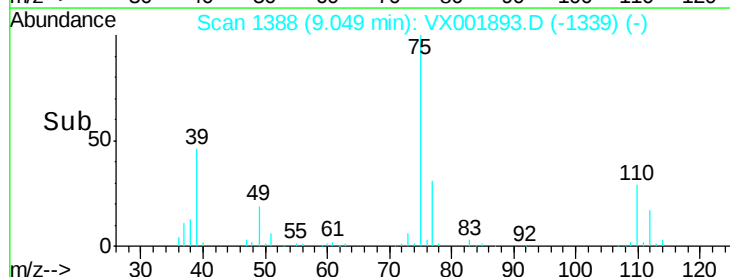
40000

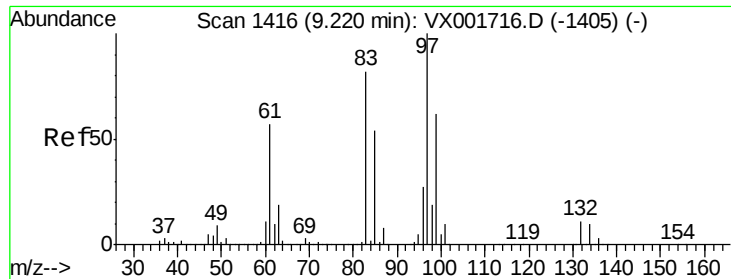
20000

0

8.95 9.00 9.05 9.10

Time-->

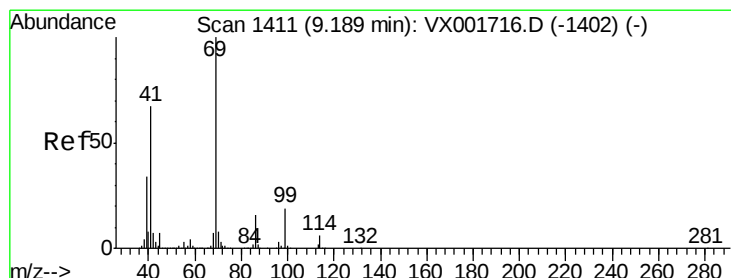
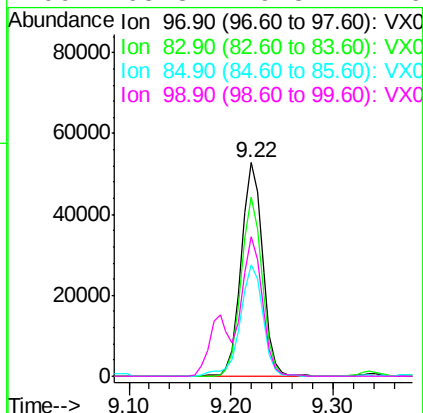
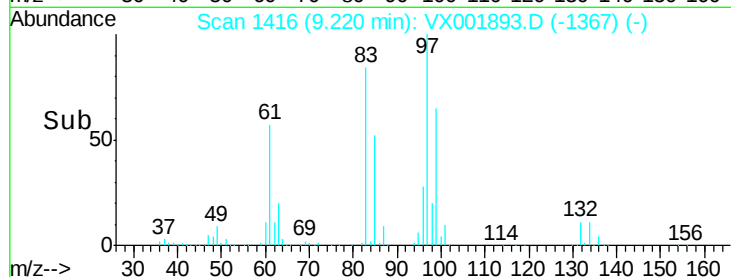
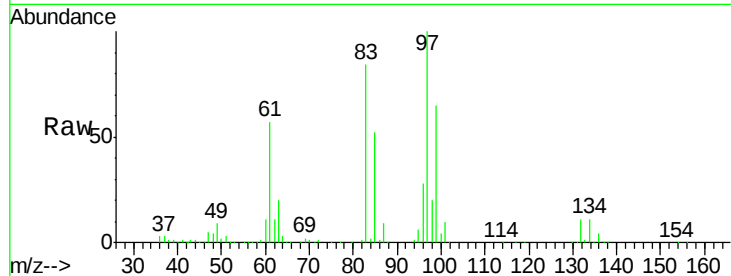




#55
 1,1,2-Trichloroethane
 Concen: 23.25 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

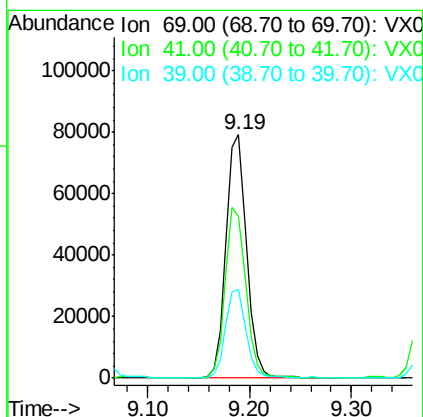
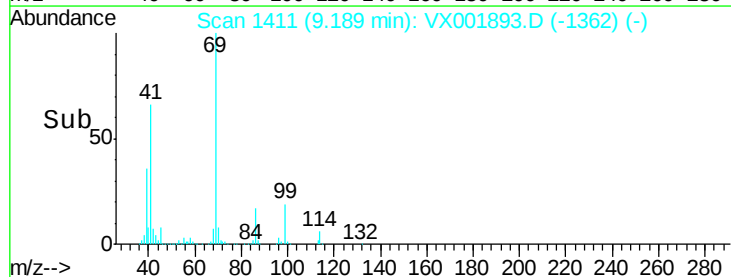
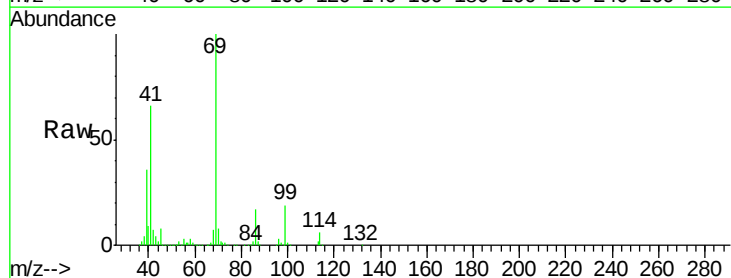
Instrument :
 MSVOA_X
 ClientSampleId :

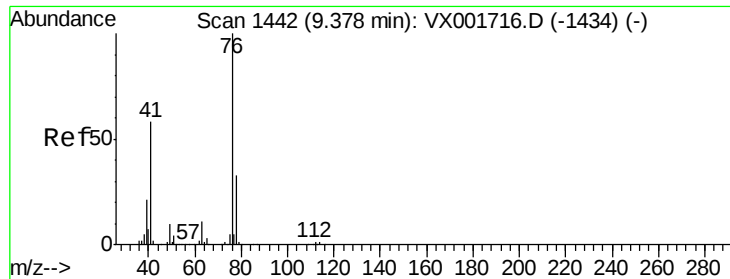
Tot Ion:	97	Resp:	76693
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.8
85	52.3	43.4	65.0
99	65.3	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 23.79 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion:	69	Resp:	111254
Ion	Ratio	Lower	Upper
69	100		
41	69.7	53.5	80.3
39	36.2	27.2	40.8





#57

1,3-Dichloropropane

Concen: 22.93 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

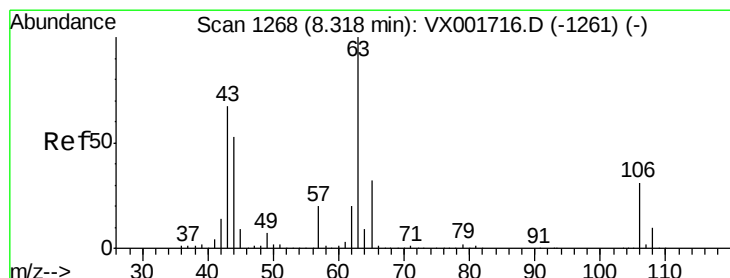
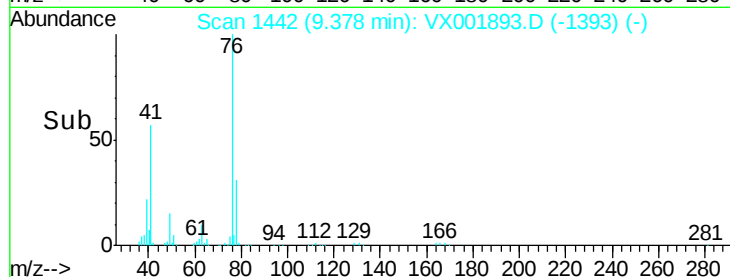
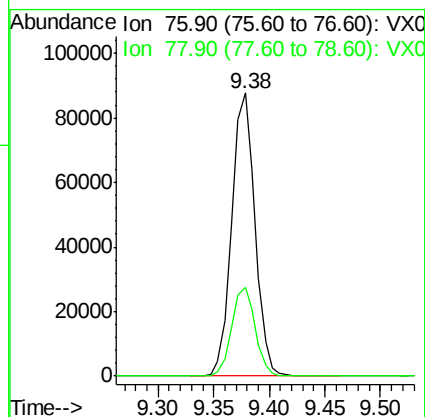
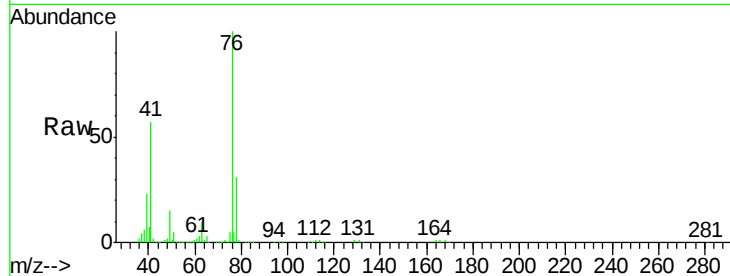
ClientSampleId :

Tot Ion: 76 Resp: 126625

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 124.23 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX001893.D

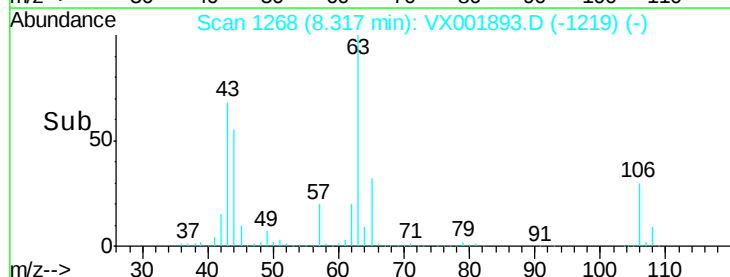
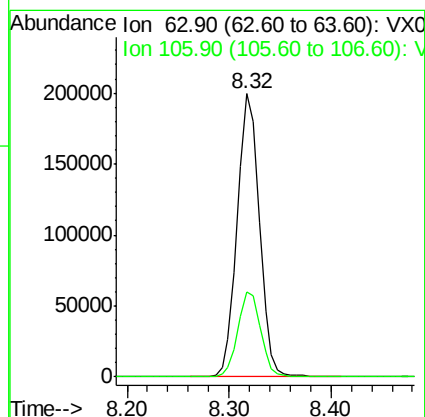
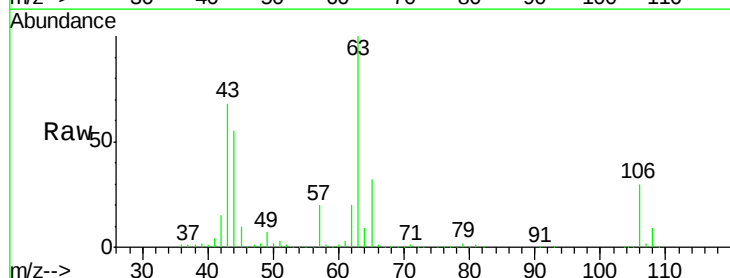
Acq: 22 May 2018 15:10

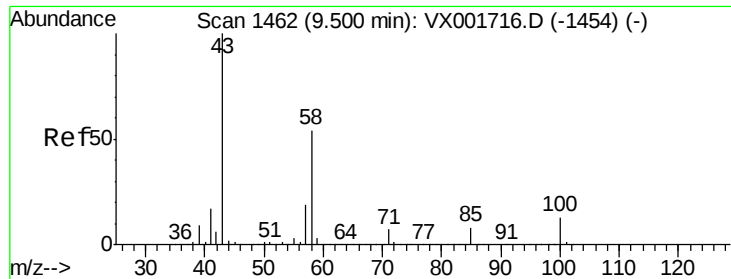
Tgt Ion: 63 Resp: 298904

Ion Ratio Lower Upper

63 100

106 30.8 25.1 37.7

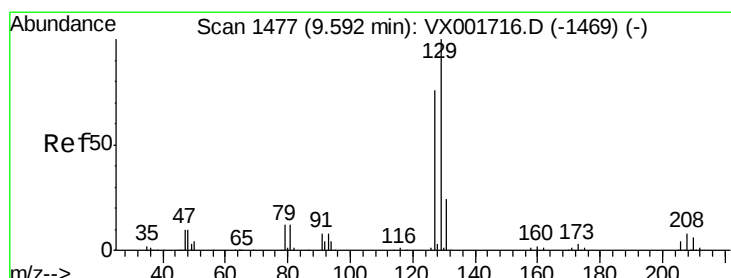
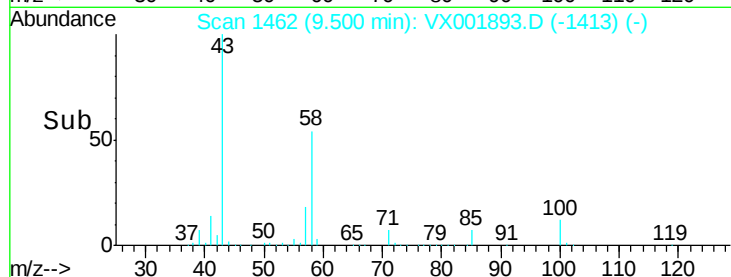
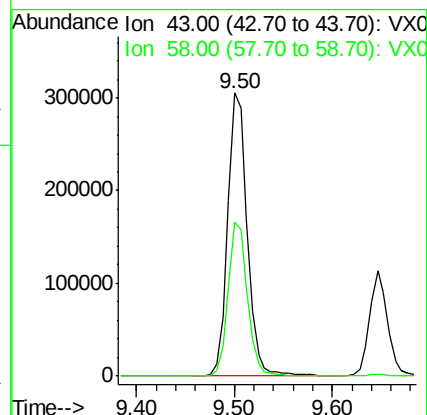
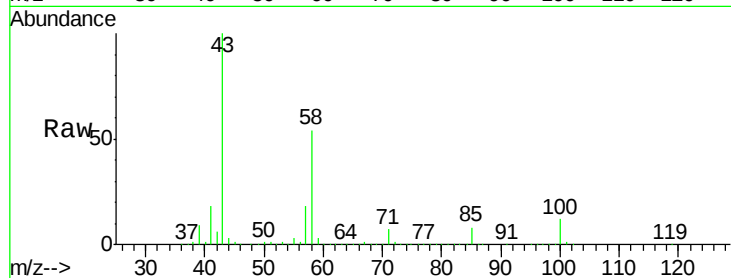




#59
2-Hexanone
Concen: 125.68 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

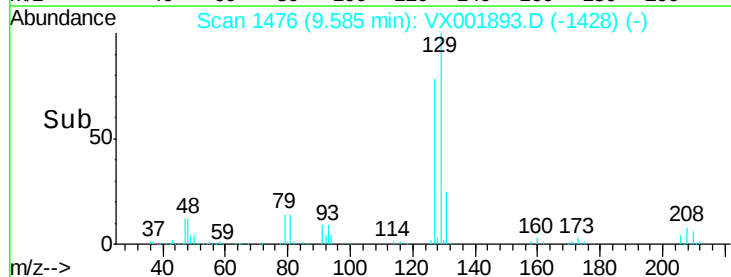
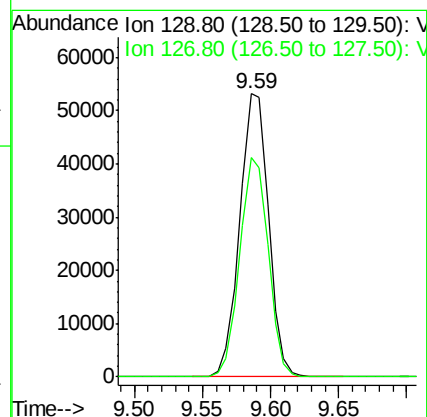
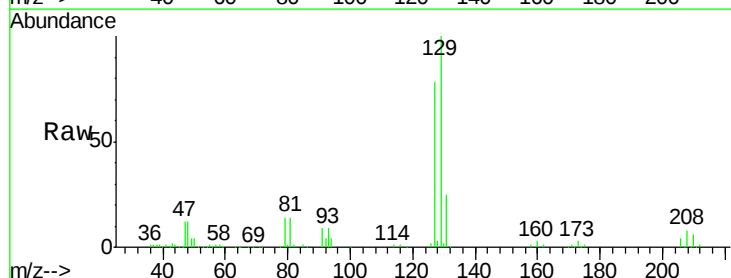
Instrument :
MSVOA_X
ClientSampleId :

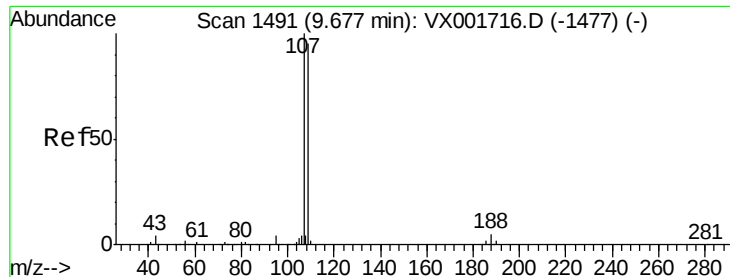
Tot Ion: 43 Resp: 423858
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1



#60
Dibromochloromethane
Concen: 23.29 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion:129 Resp: 78664
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.55 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

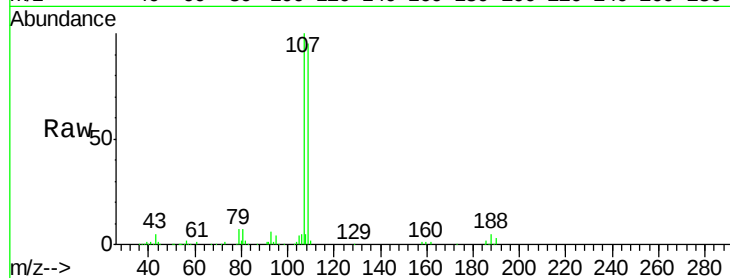
ClientSampleId :

Tot Ion:107 Resp: 77878

Ion Ratio Lower Upper

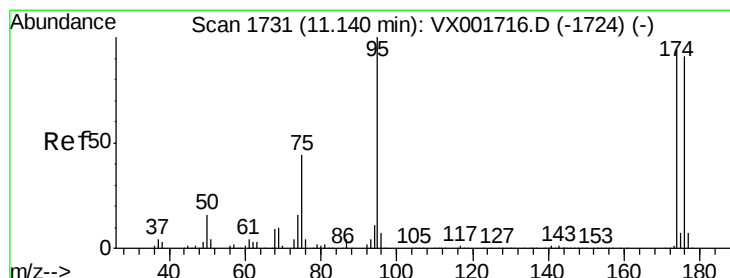
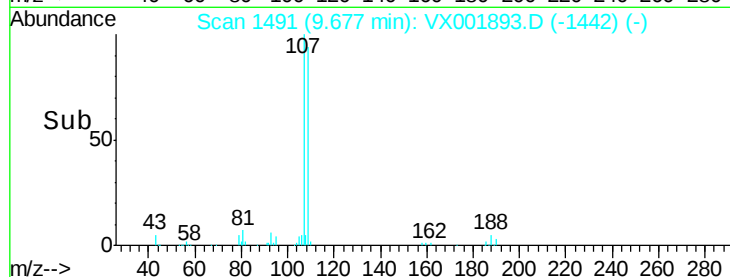
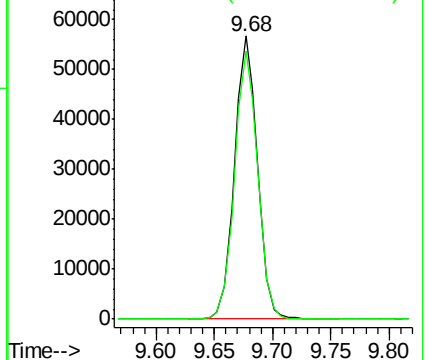
107 100

109 95.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

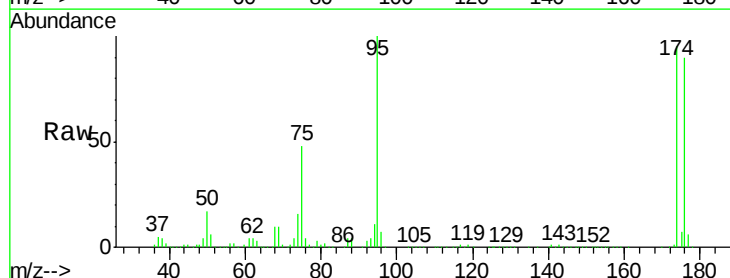
Tgt Ion: 95 Resp: 218339

Ion Ratio Lower Upper

95 100

174 102.4 0.0 201.8

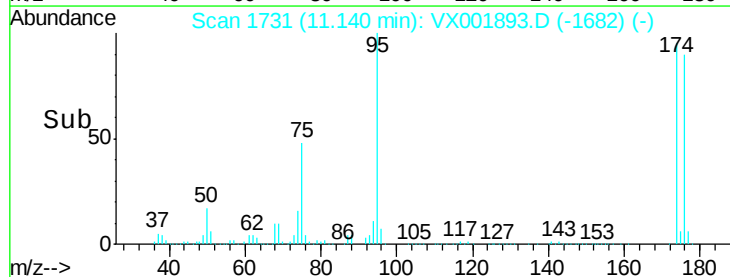
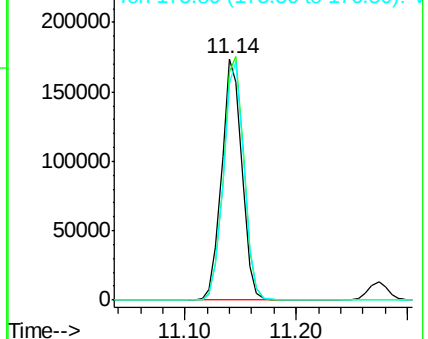
176 99.7 0.0 196.8

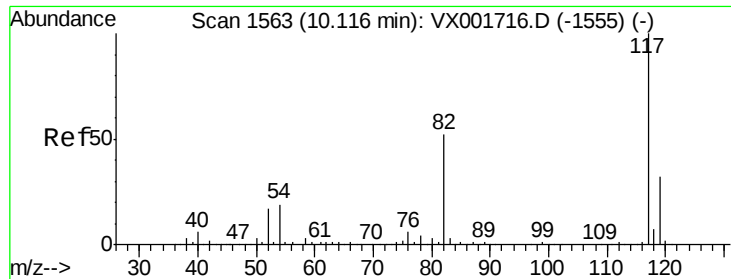


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

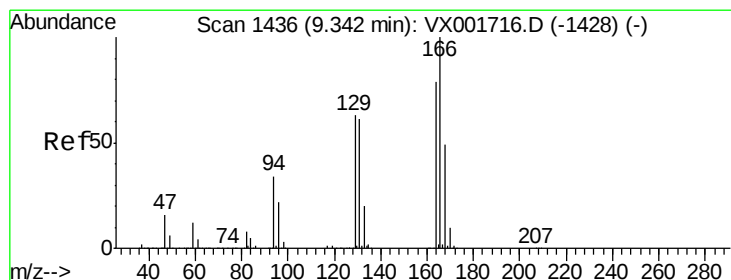
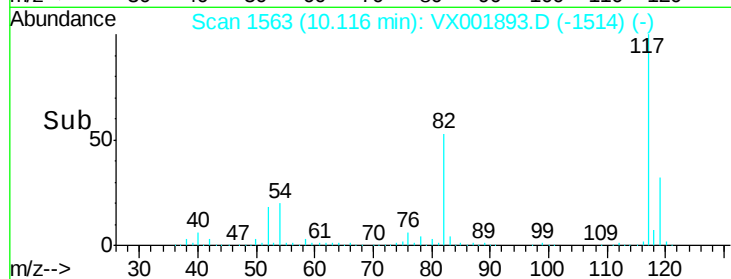
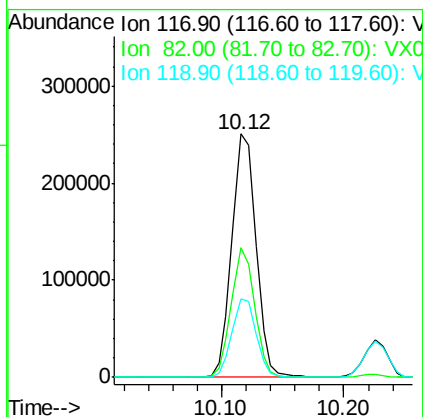
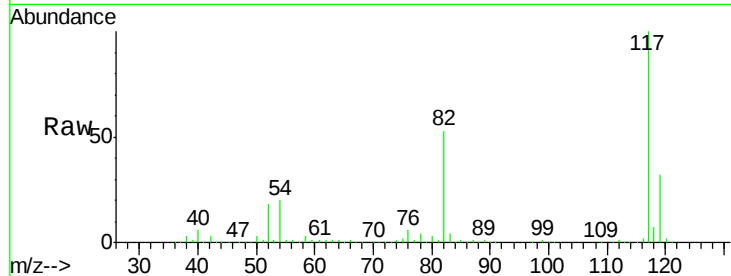




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

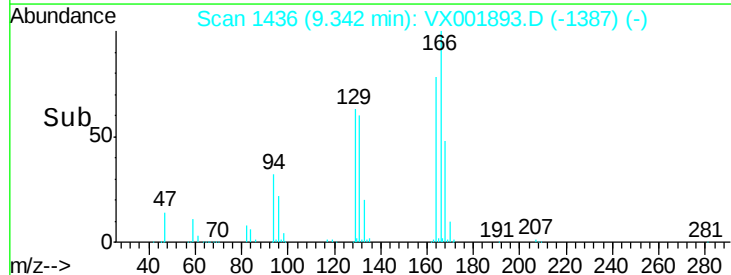
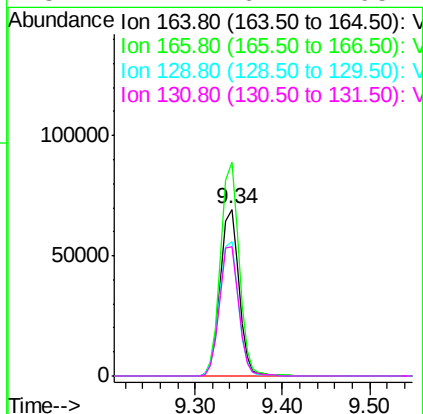
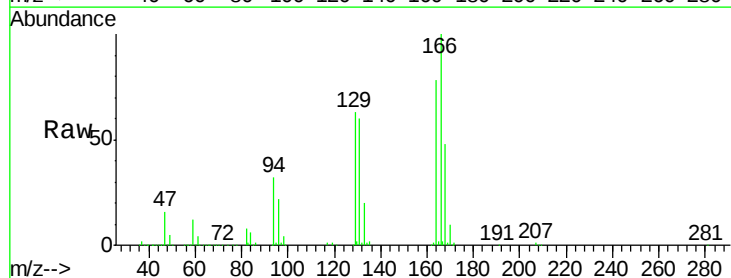
Instrument :
MSVOA_X
ClientSampleId :

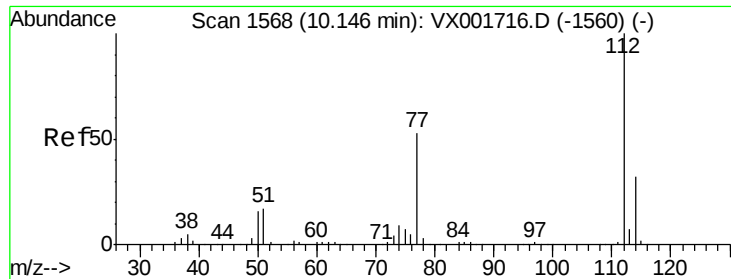
Tot Ion:117 Resp: 343544
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.2
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 22.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion:164 Resp: 102366
Ion Ratio Lower Upper
164 100
166 128.2 101.8 152.8
129 80.8 63.8 95.6
131 77.4 62.2 93.2

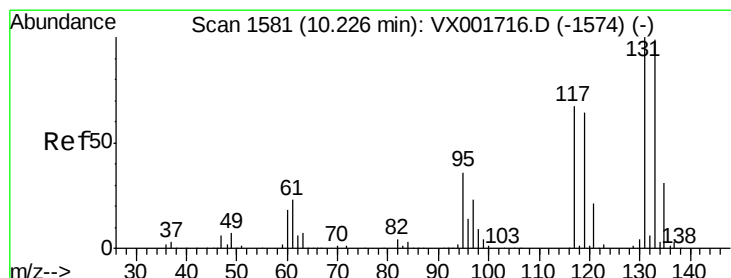
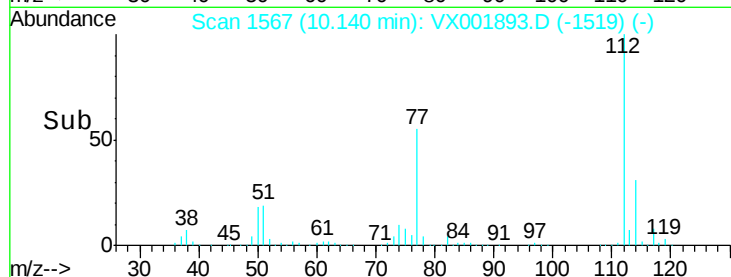
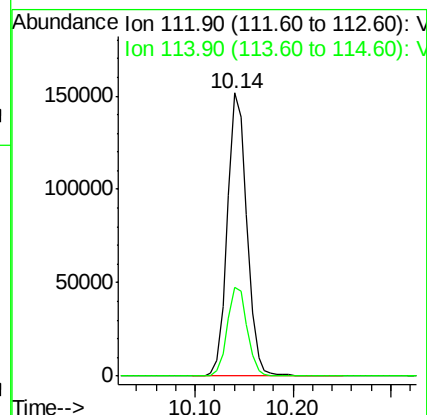
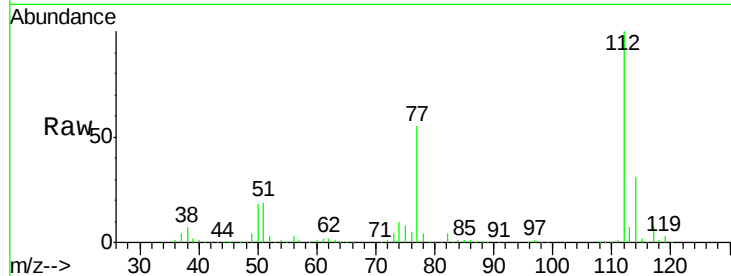




#65
Chlorobenzene
Concen: 22.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

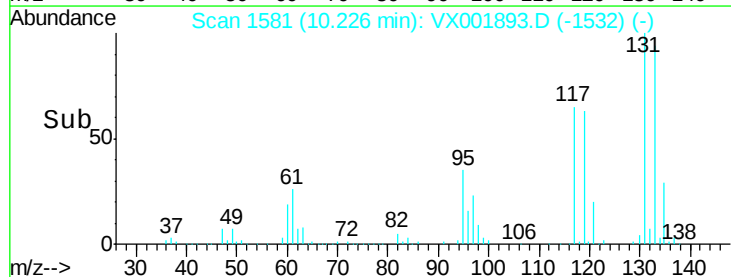
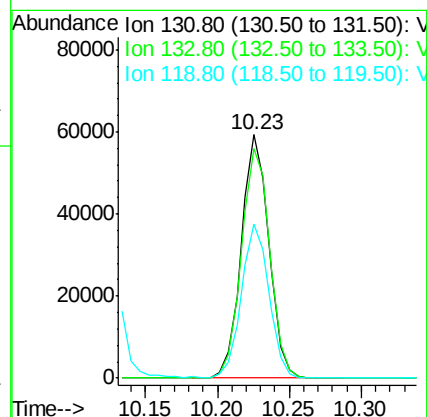
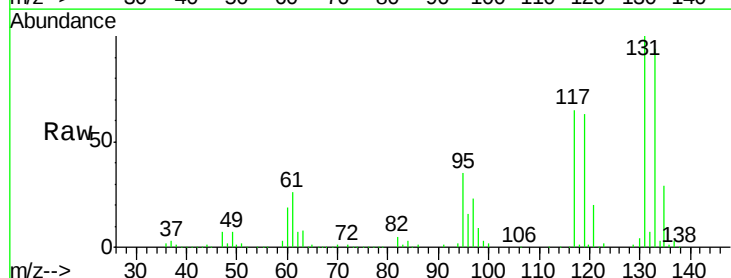
Instrument :
MSVOA_X
ClientSampleId :

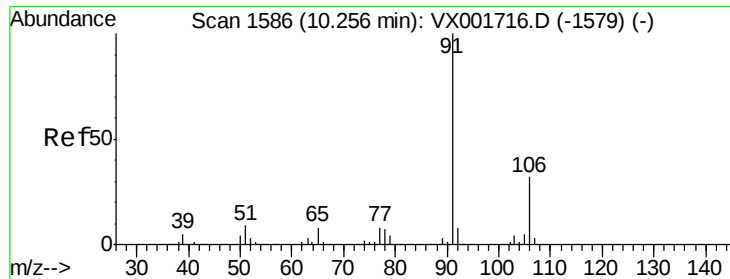
Tot Ion:112 Resp: 209891
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 23.58 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion:131 Resp: 78705
Ion Ratio Lower Upper
131 100
133 97.3 48.5 145.6
119 63.7 31.9 95.5





#67

Ethyl Benzene

Concen: 22.62 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

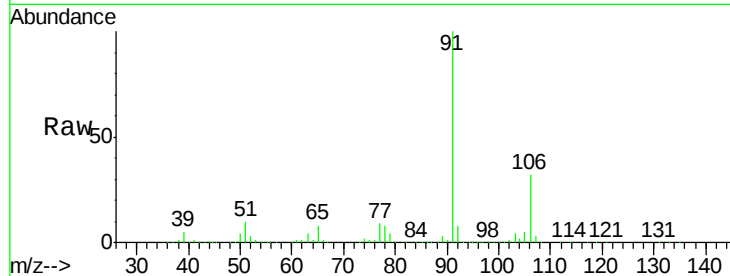
ClientSampleId :

Tot Ion: 91 Resp: 341587

Ion Ratio Lower Upper

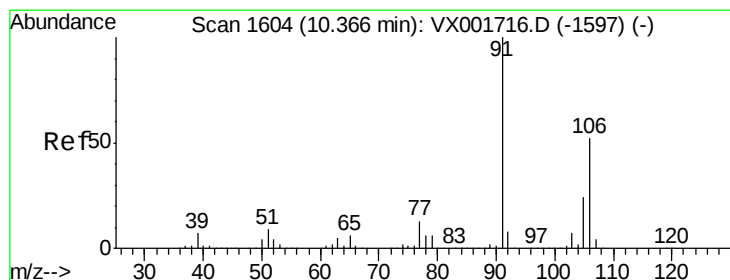
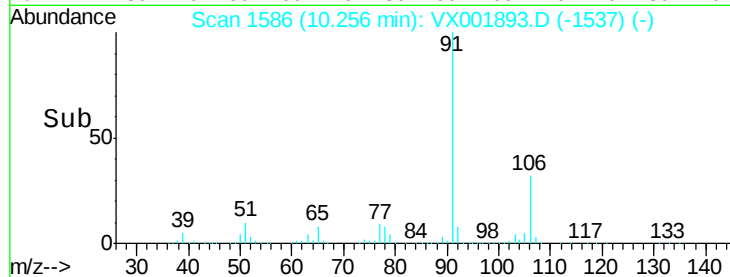
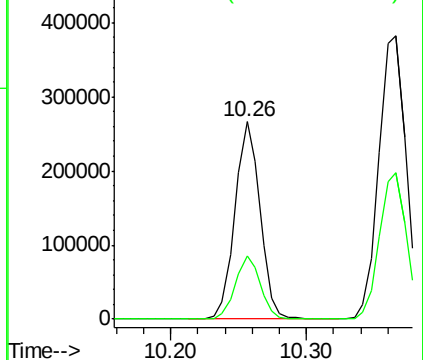
91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 45.79 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001893.D

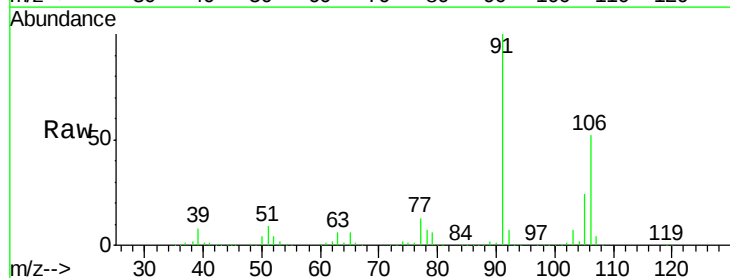
Acq: 22 May 2018 15:10

Tgt Ion: 106 Resp: 272867

Ion Ratio Lower Upper

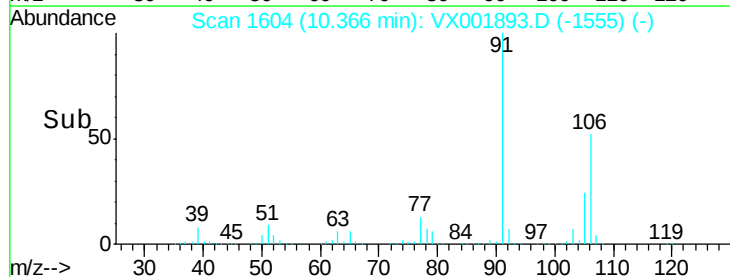
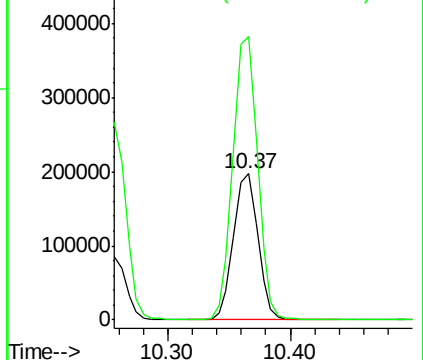
106 100

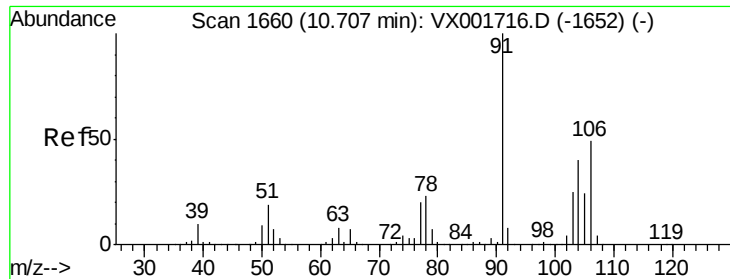
91 196.4 155.4 233.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

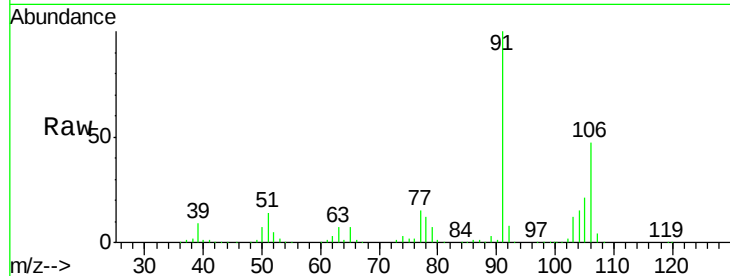




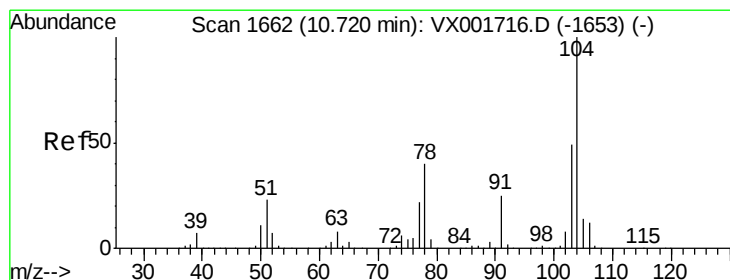
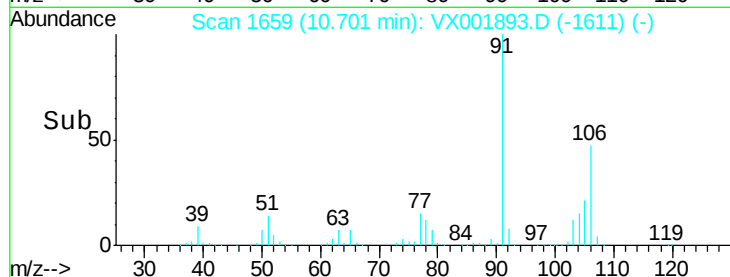
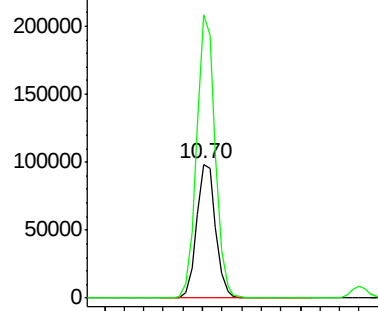
#69
o-Xylene
Concen: 23.19 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 132314
Ion Ratio Lower Upper
106 100
91 206.4 103.4 310.2

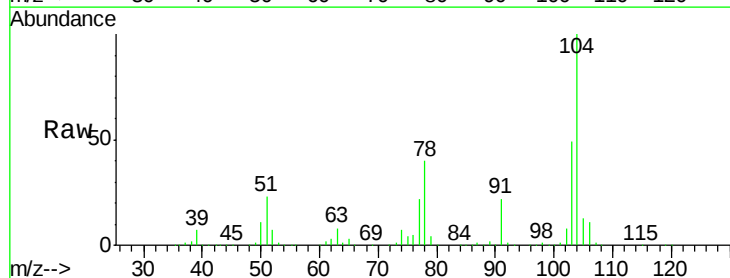


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

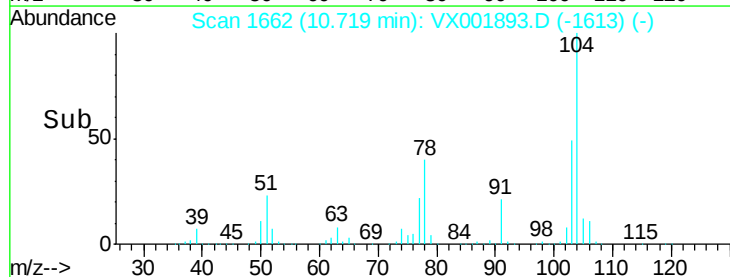
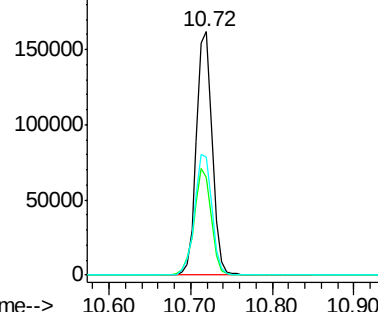


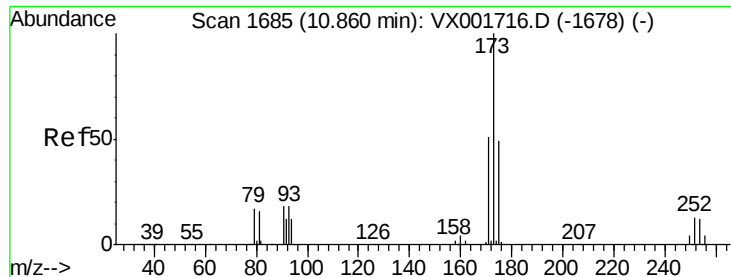
#70
Styrene
Concen: 23.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion:104 Resp: 218508
Ion Ratio Lower Upper
104 100
78 47.2 37.3 55.9
103 54.5 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.10 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

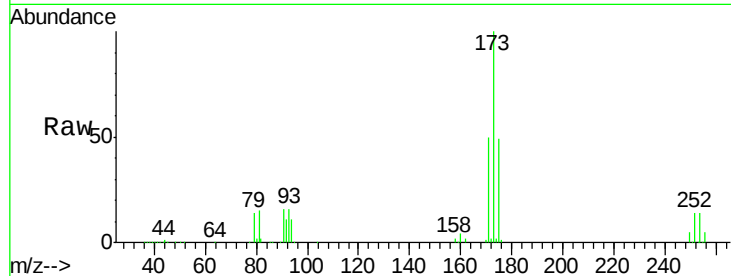
Tot Ion:173 Resp: 63270

Ion Ratio Lower Upper

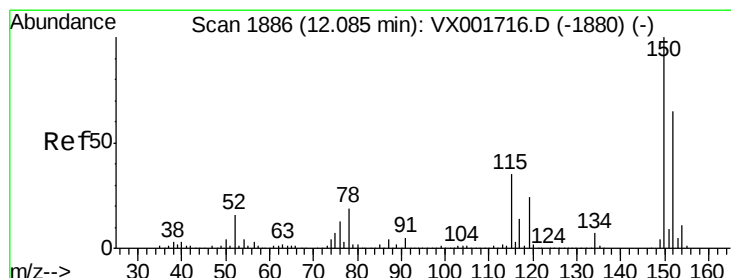
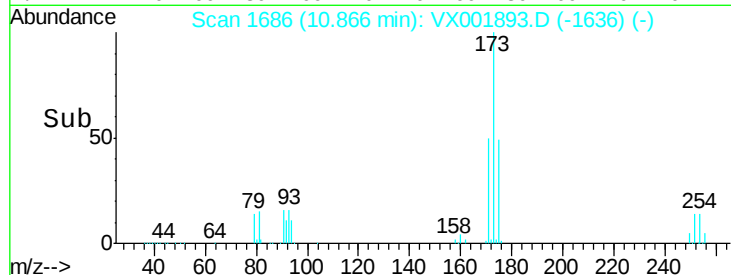
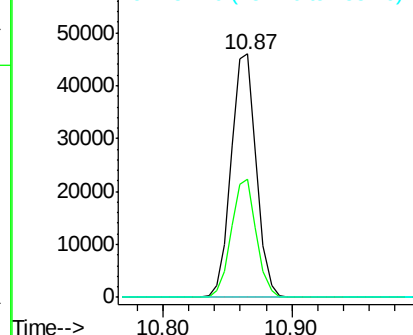
173 100

175 48.3 24.3 72.8

254 0.3 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

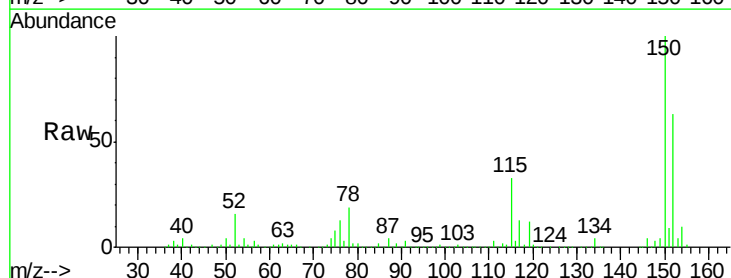
Tgt Ion:152 Resp: 224326

Ion Ratio Lower Upper

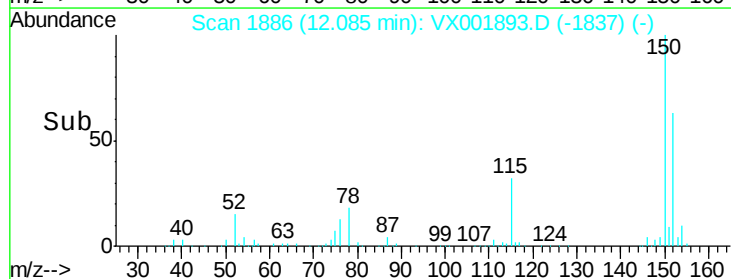
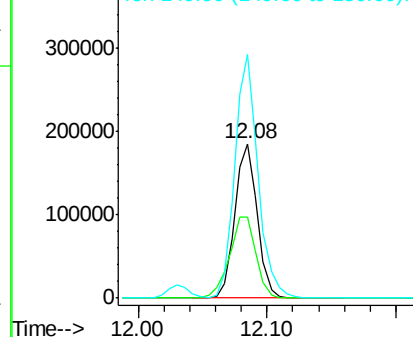
152 100

115 63.2 37.4 112.2

150 164.5 0.0 344.8



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





#73

Isopropylbenzene

Concen: 24.44 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

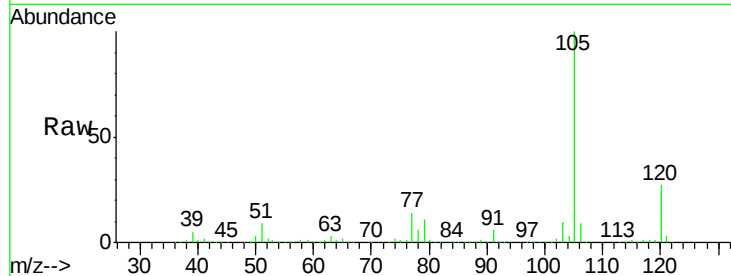
ClientSampleId :

Tot Ion:105 Resp: 361096

Ion Ratio Lower Upper

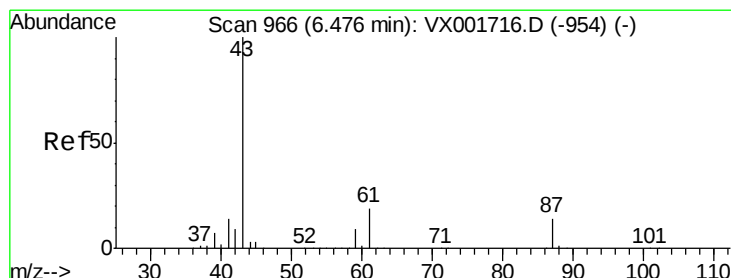
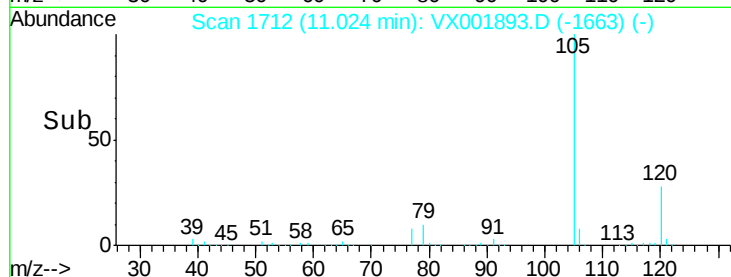
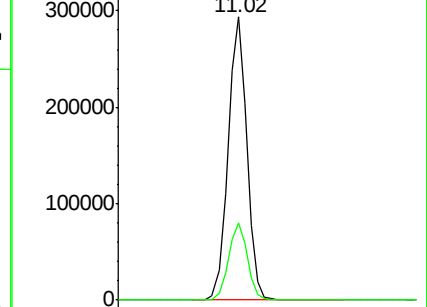
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 24.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Tgt Ion: 43 Resp: 172057

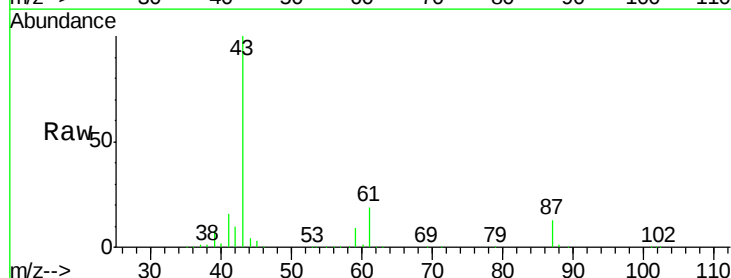
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.4 15.8 23.8

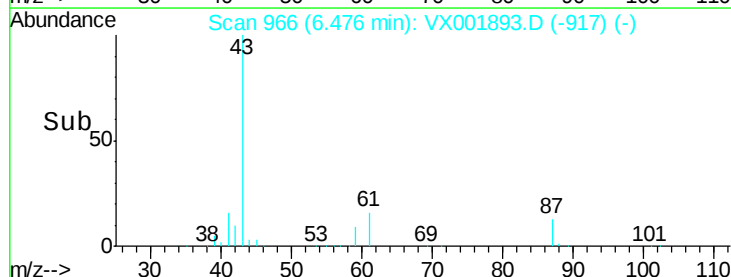
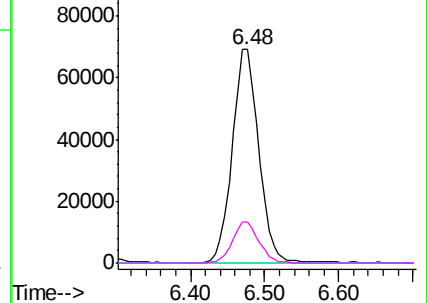


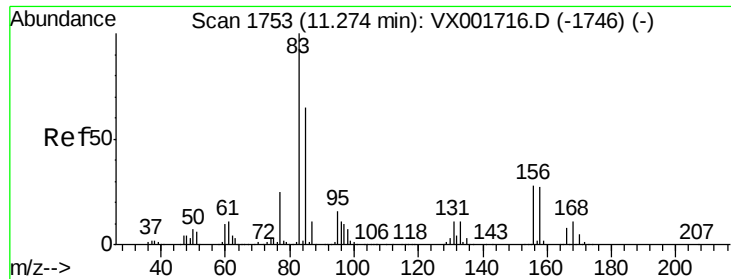
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

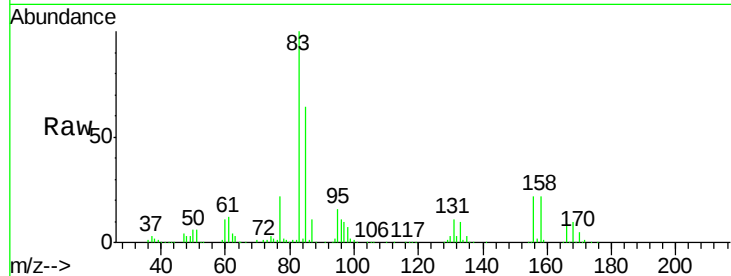
Tot Ion: 83 Resp: 107684

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

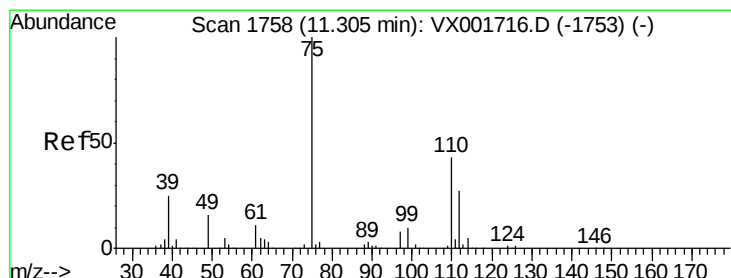
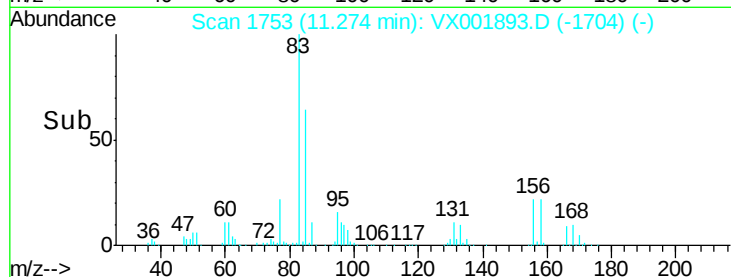
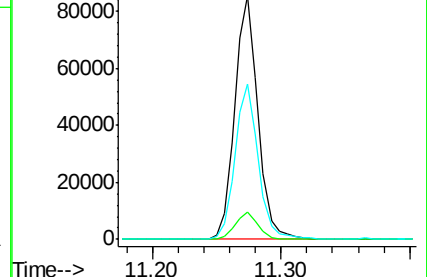
85 63.9 32.7 98.1



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: 28.83 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001893.D

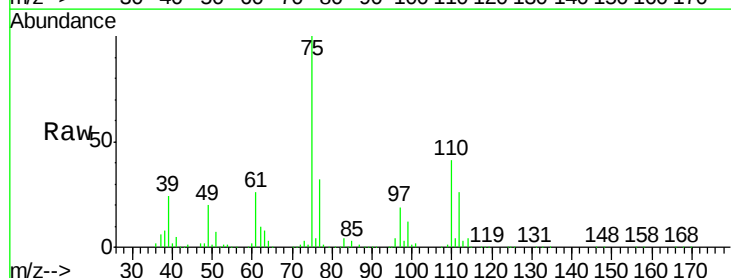
Acq: 22 May 2018 15:10

Tgt Ion: 75 Resp: 122980

Ion Ratio Lower Upper

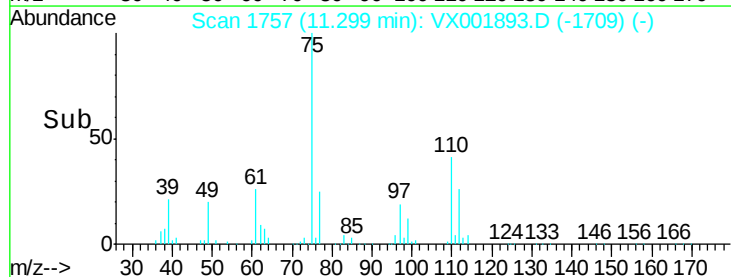
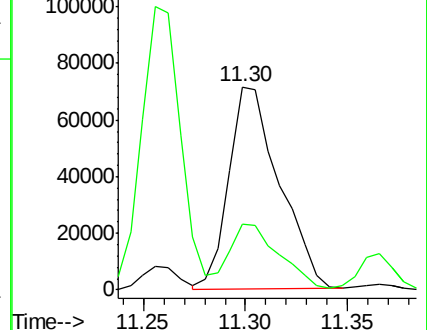
75 100

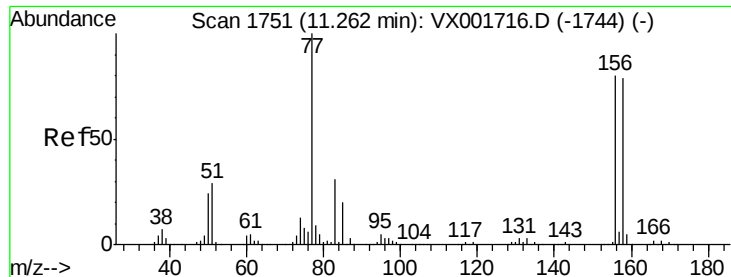
77 32.6 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 23.22 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

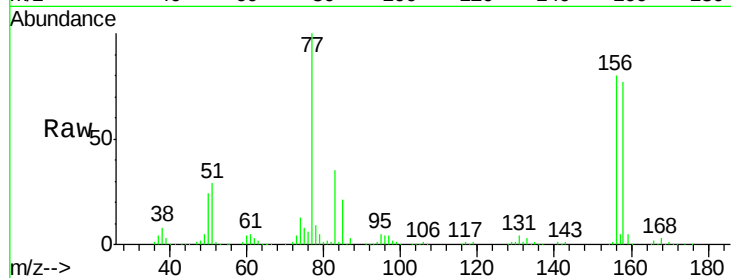
Tot Ion:156 Resp: 100804

Ion Ratio Lower Upper

156 100

77 131.4 65.3 196.0

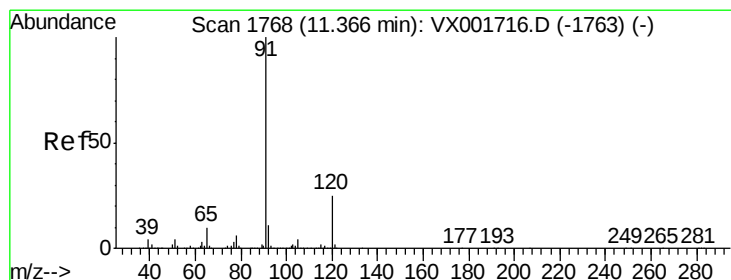
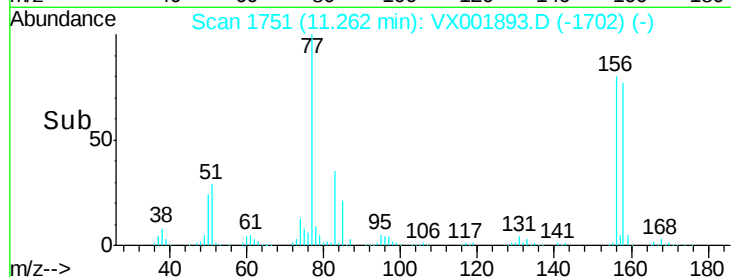
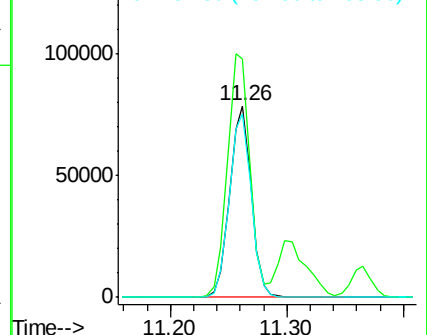
158 97.6 49.1 147.3



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: 23.94 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001893.D

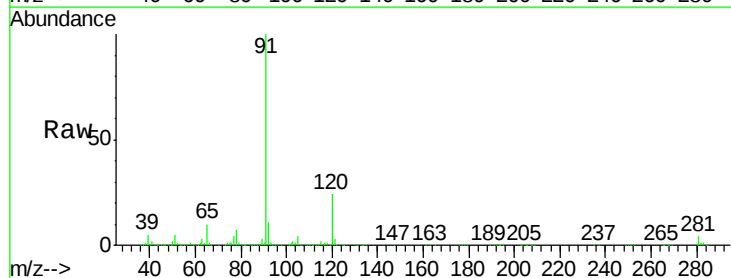
Acq: 22 May 2018 15:10

Tgt Ion: 91 Resp: 398489

Ion Ratio Lower Upper

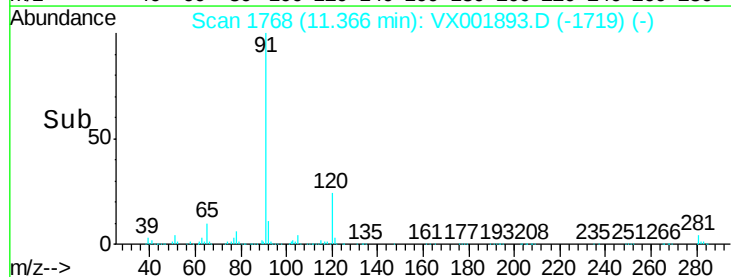
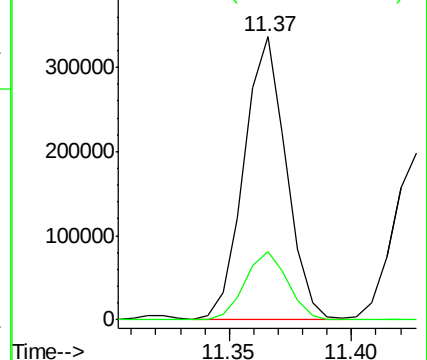
91 100

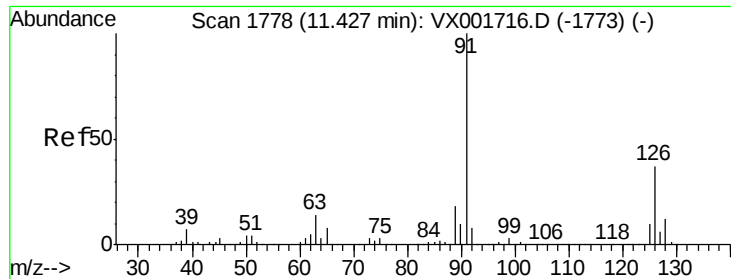
120 24.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

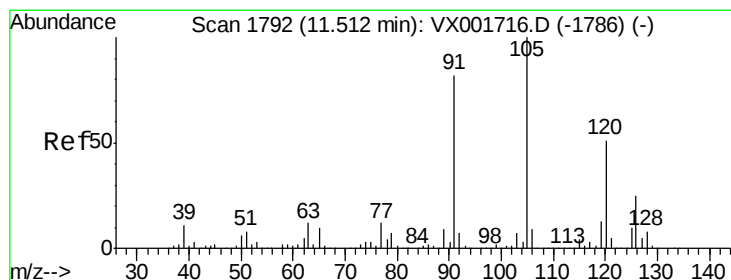
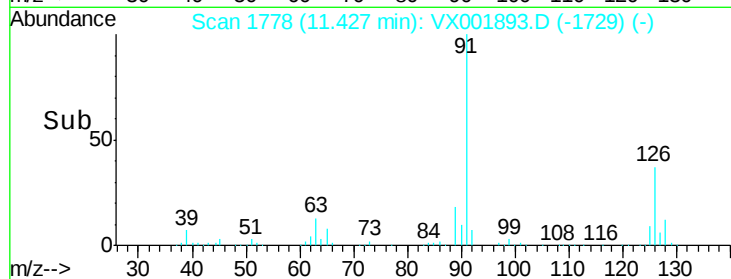
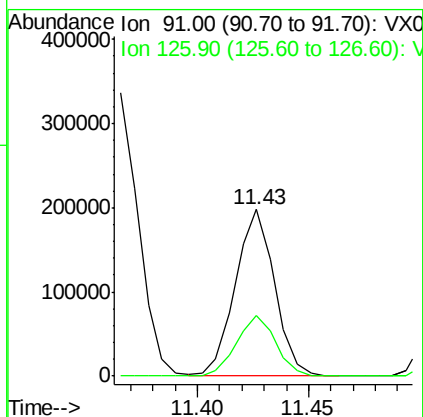
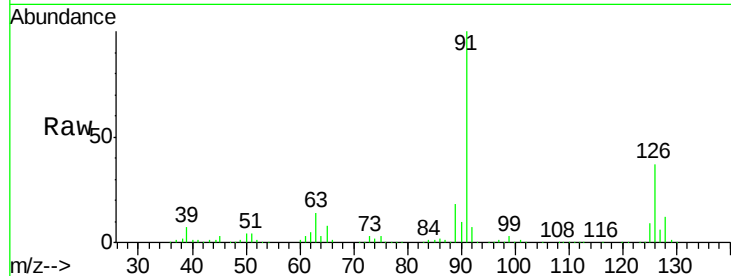




#79
 2-Chlorotoluene
 Concen: 24.26 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

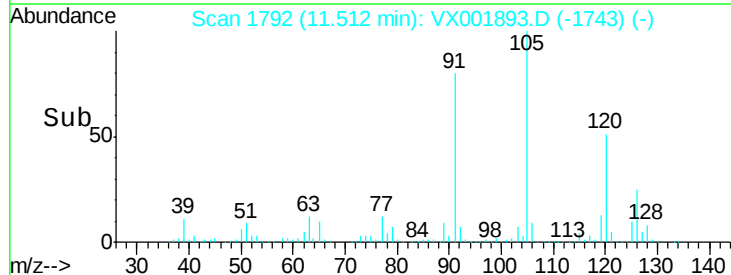
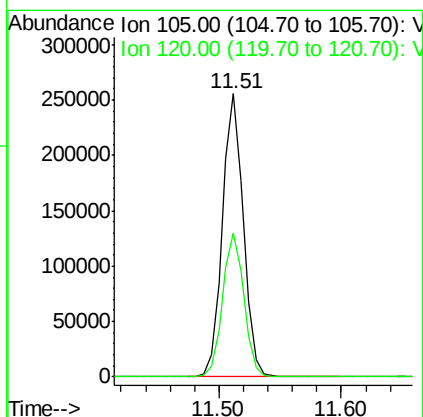
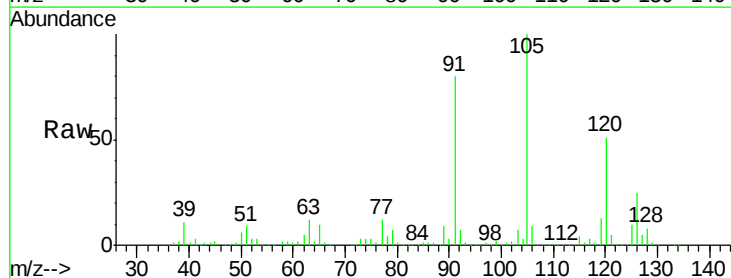
Instrument :
 MSVOA_X
 ClientSampleId :

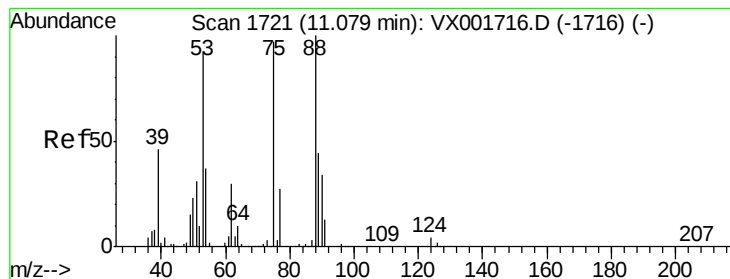
Tot Ion: 91 Resp: 241476
 Ion Ratio Lower Upper
 91 100
 126 36.6 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 24.93 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion: 105 Resp: 302161
 Ion Ratio Lower Upper
 105 100
 120 51.8 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.78 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampled :

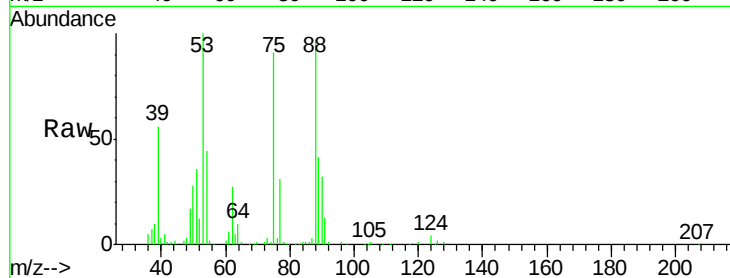
Tot Ion: 75 Resp: 28313

Ion Ratio Lower Upper

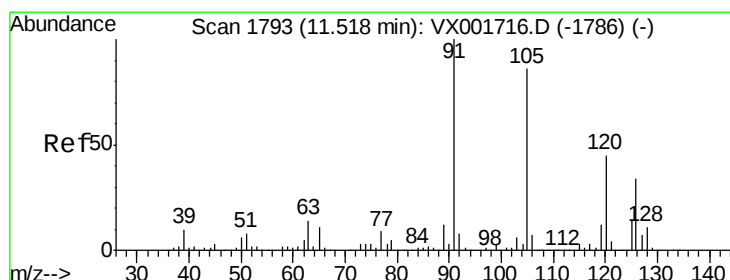
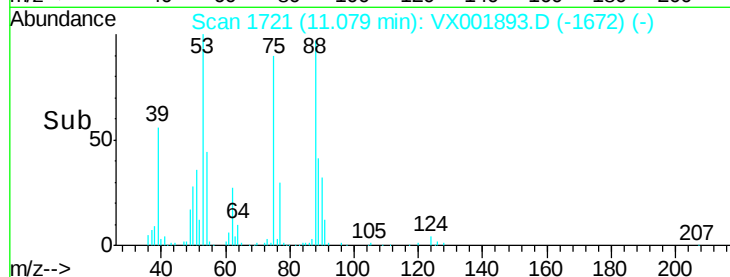
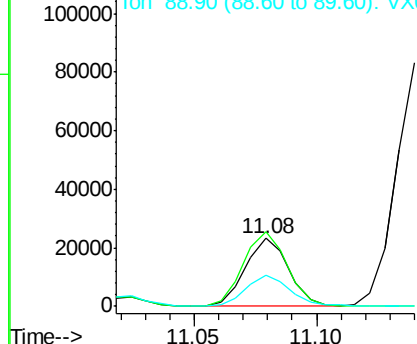
75 100

53 111.4 79.4 119.2

89 47.5 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 23.48 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001893.D

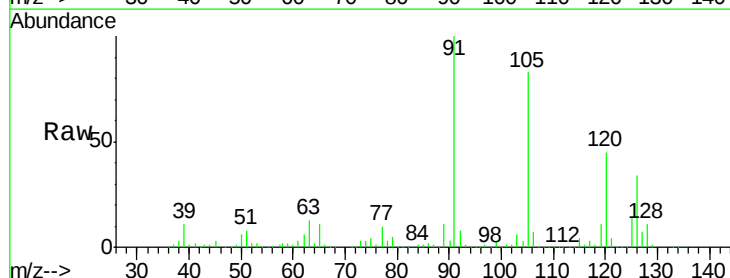
Acq: 22 May 2018 15:10

Tgt Ion: 91 Resp: 275292

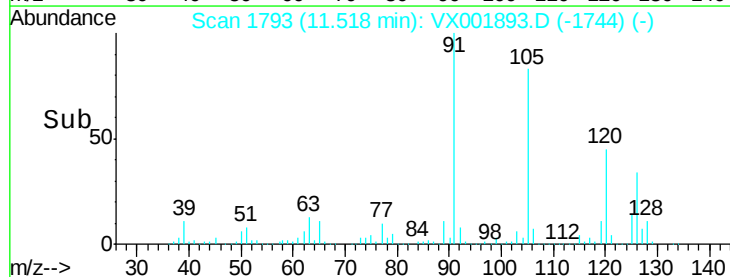
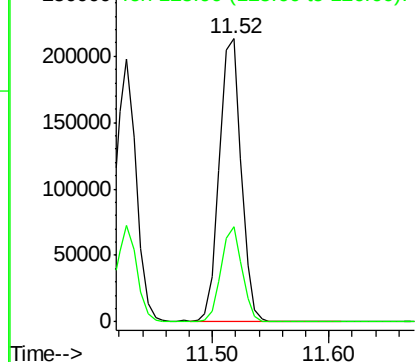
Ion Ratio Lower Upper

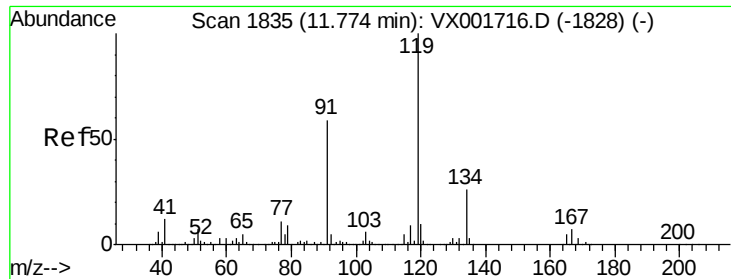
91 100

126 32.4 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

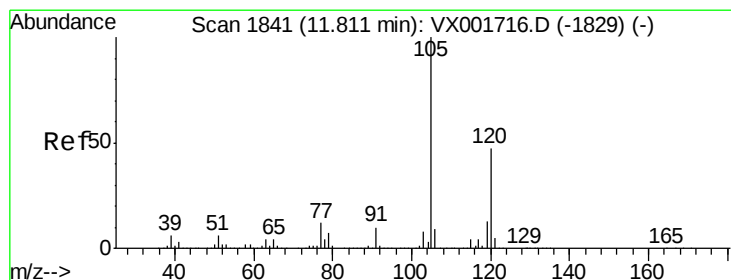
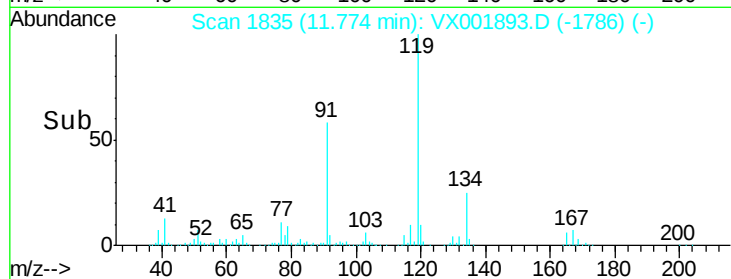
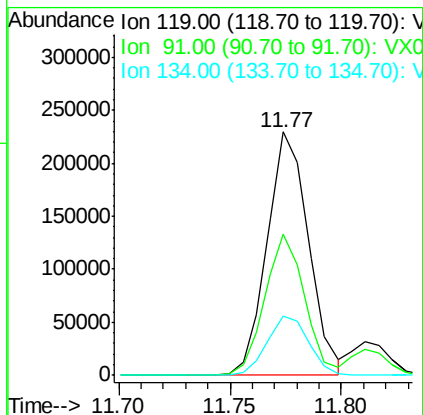
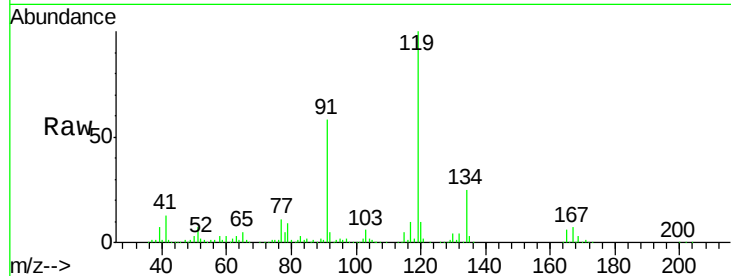




#83
tert-Butylbenzene
Concen: 24.66 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

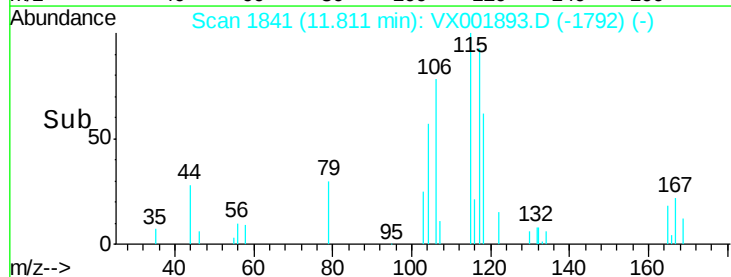
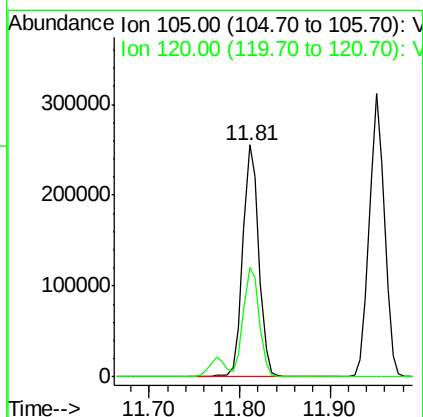
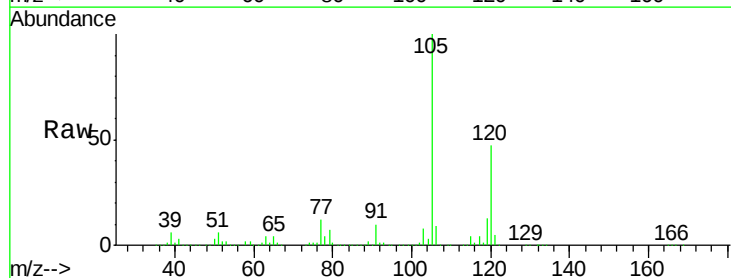
Instrument :
MSVOA_X
ClientSampleId :

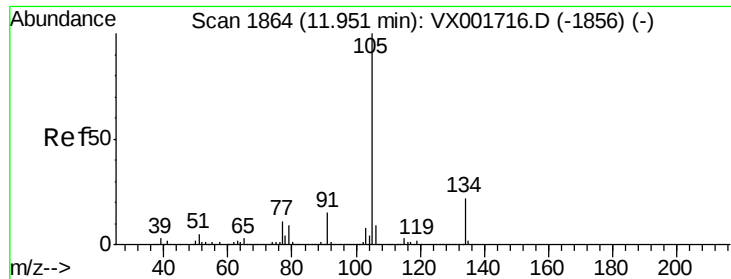
Tot Ion:119 Resp: 297379
Ion Ratio Lower Upper
119 100
91 55.5 27.7 83.0
134 24.8 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 24.78 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion:105 Resp: 310982
Ion Ratio Lower Upper
105 100
120 47.1 23.5 70.5





#85

sec-Butylbenzene

Concen: 24.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

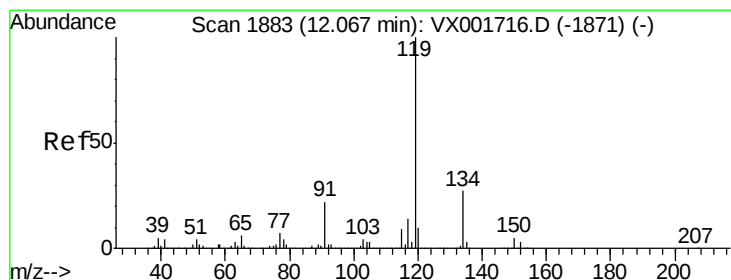
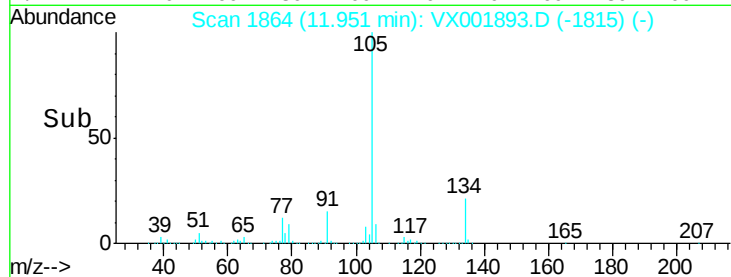
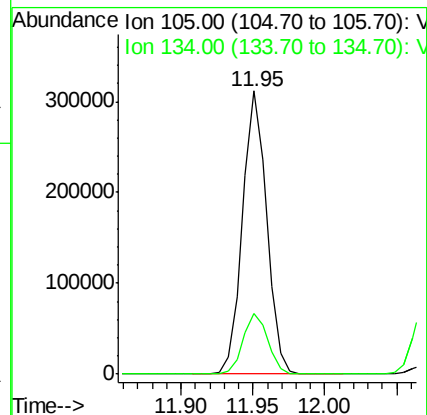
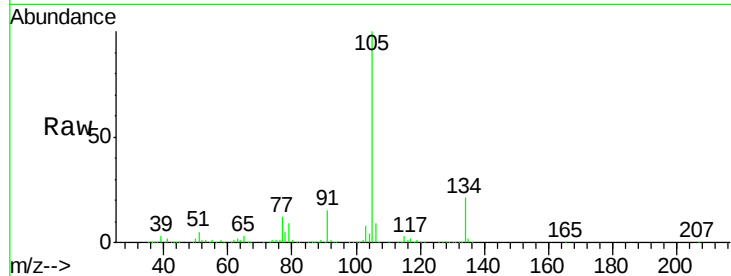
ClientSampleId :

Tot Ion:105 Resp: 364717

Ion Ratio Lower Upper

105 100

134 22.0 10.9 32.6



#86

p-Isopropyltoluene

Concen: 24.27 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

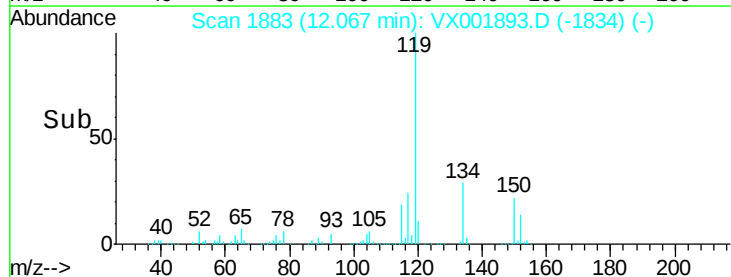
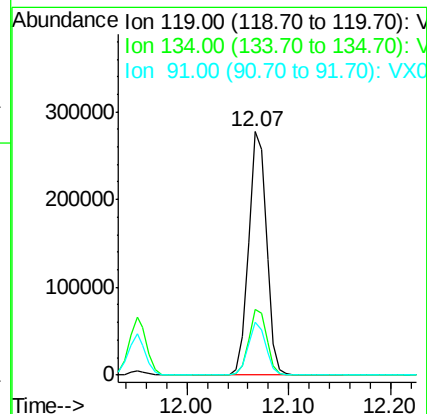
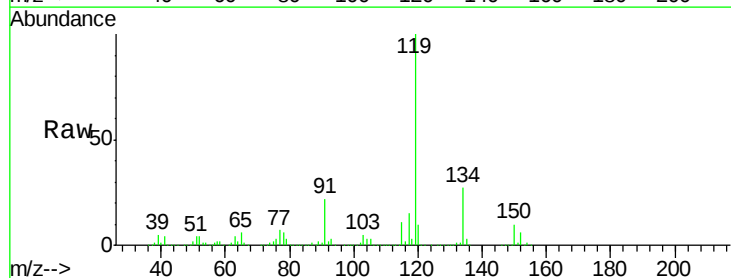
Tgt Ion:119 Resp: 334330

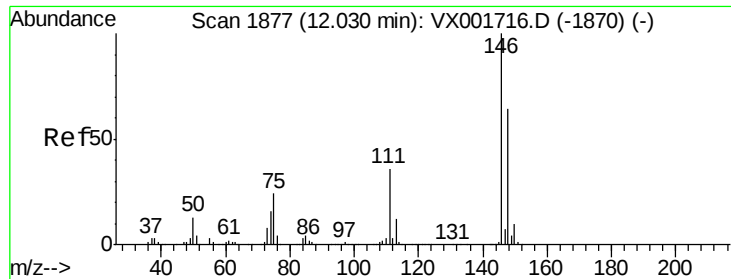
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 22.96 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

Instrument :

MSVOA_X

ClientSampleId :

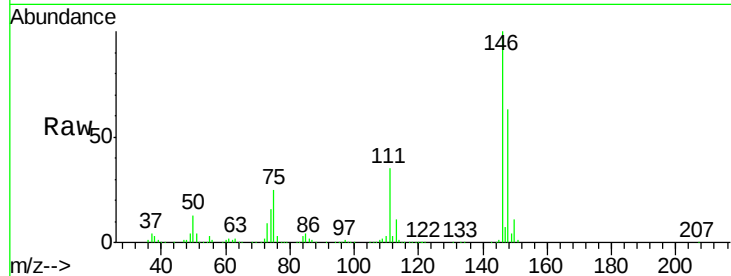
Tot Ion:146 Resp: 184354

Ion Ratio Lower Upper

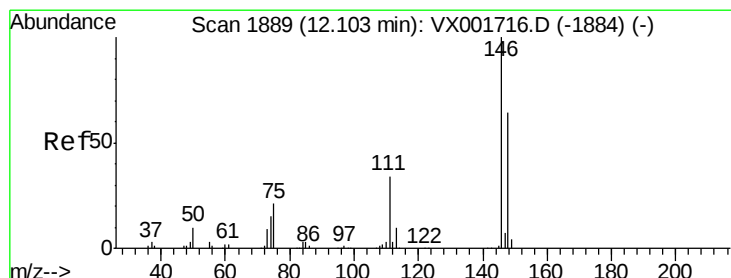
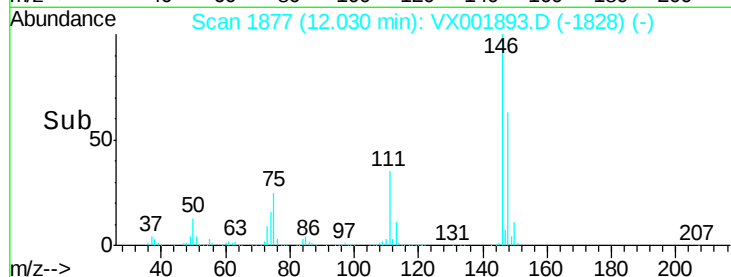
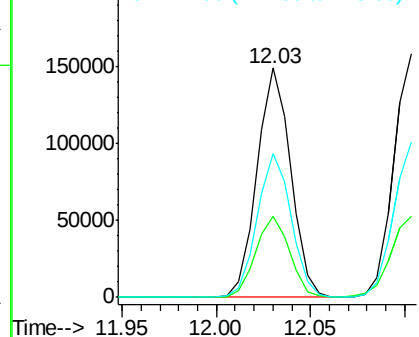
146 100

111 35.7 17.8 53.4

148 63.6 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 22.56 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001893.D

Acq: 22 May 2018 15:10

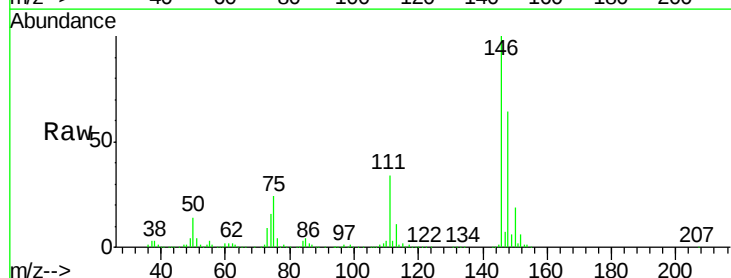
Tgt Ion:146 Resp: 187292

Ion Ratio Lower Upper

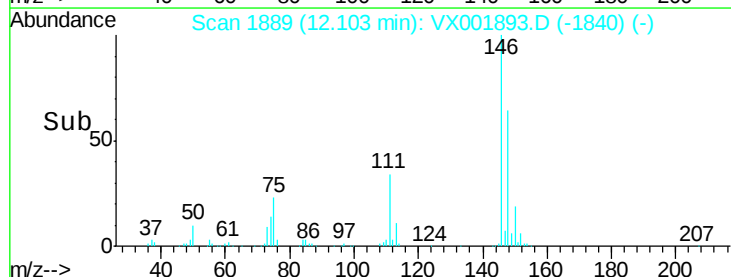
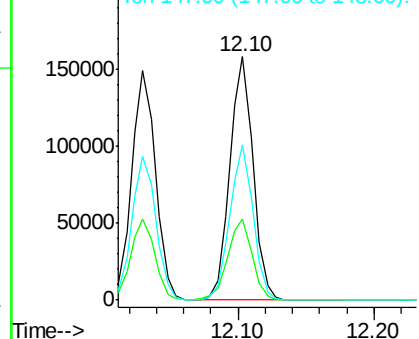
146 100

111 35.4 17.3 52.0

148 64.0 32.3 96.9



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

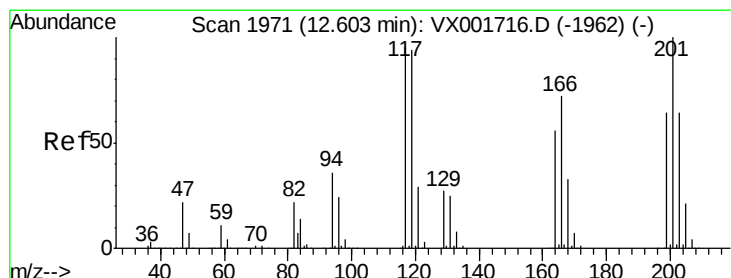
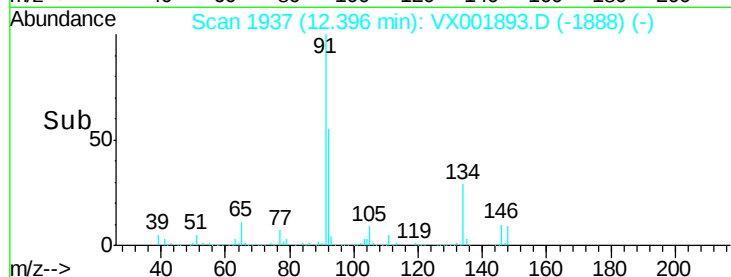
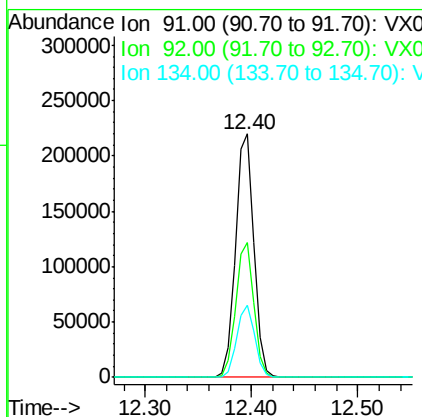
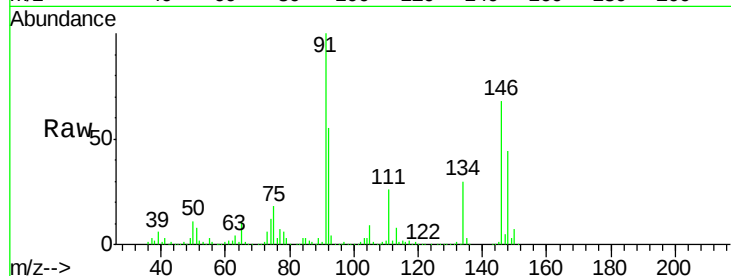




#89
n-Butylbenzene
Concen: 22.35 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

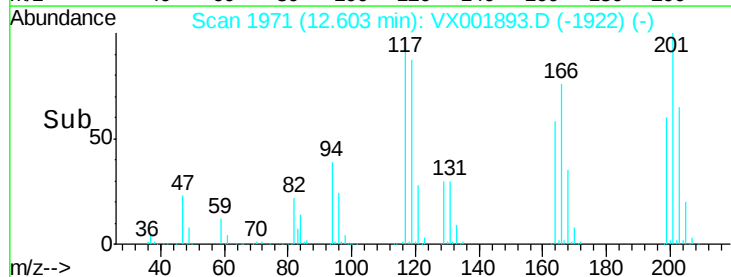
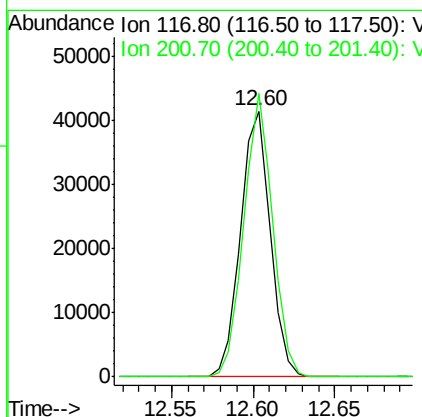
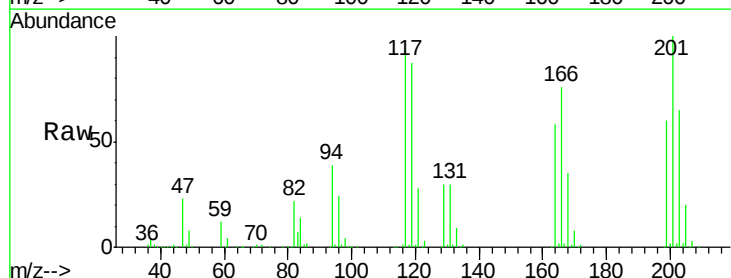
Instrument :
MSVOA_X
ClientSampled :

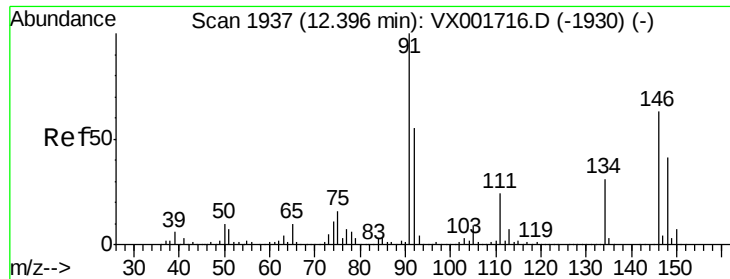
Tot Ion: 91 Resp: 266331
Ion Ratio Lower Upper
91 100
92 54.4 27.3 81.9
134 29.0 14.7 44.1



#90
Hexachloroethane
Concen: 24.72 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion: 117 Resp: 52897
Ion Ratio Lower Upper
117 100
201 103.0 51.9 155.7

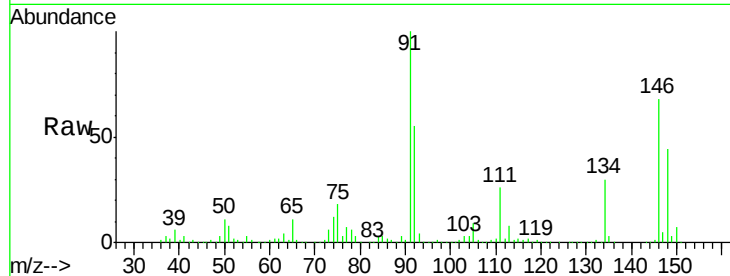




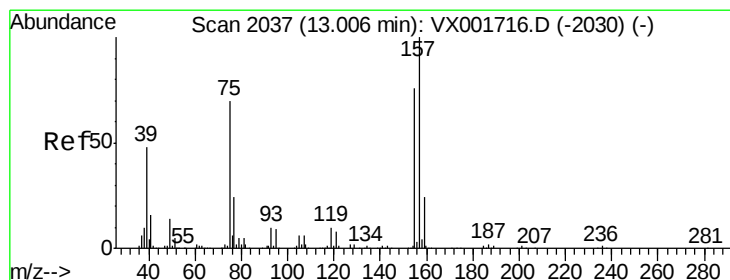
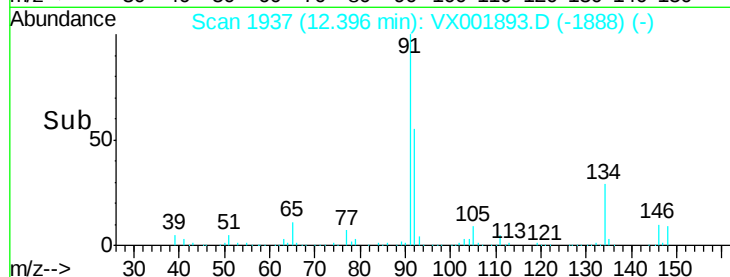
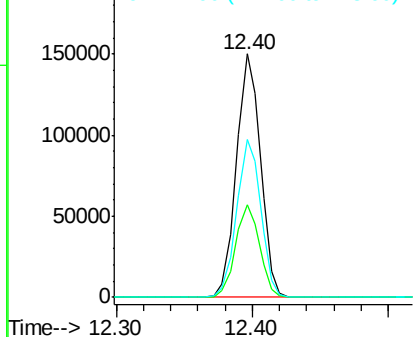
#91
 1,2-Dichlorobenzene
 Concen: 23.14 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 185119
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 64.9 32.4 97.0

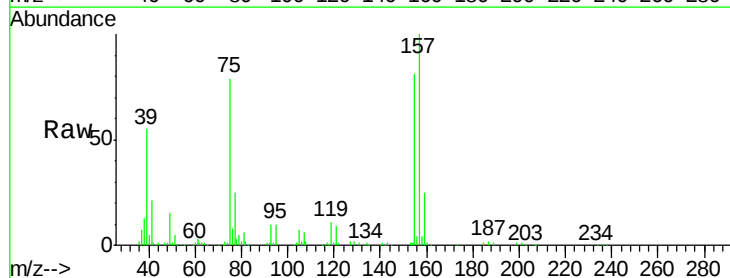


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

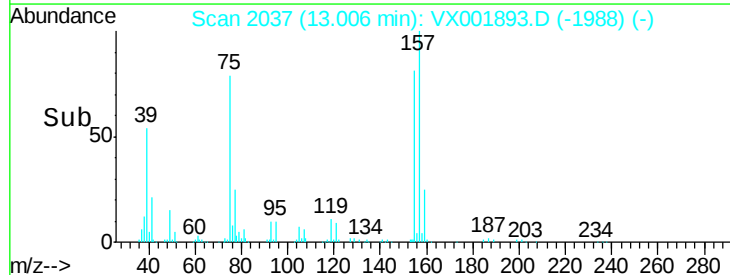
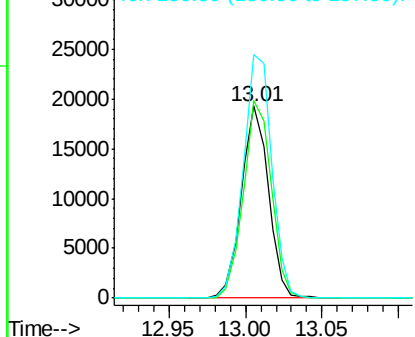


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.05 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion: 75 Resp: 23697
 Ion Ratio Lower Upper
 75 100
 155 106.0 53.9 161.8
 157 134.1 71.0 213.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

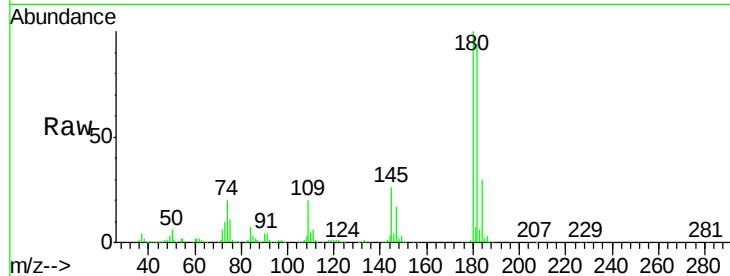




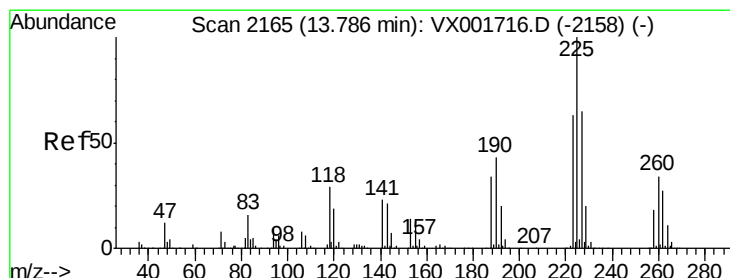
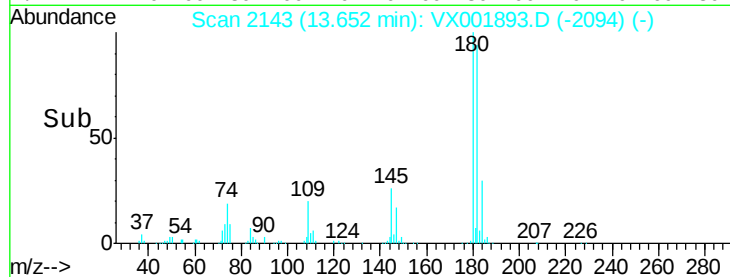
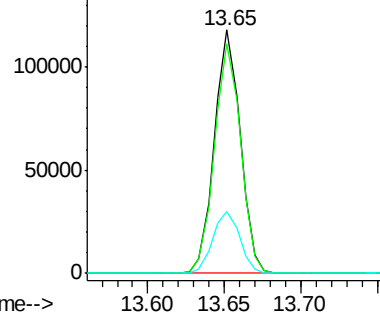
#93
 1,2,4-Trichlorobenzene
 Concen: 21.69 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 138273
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 26.7 13.4 40.1

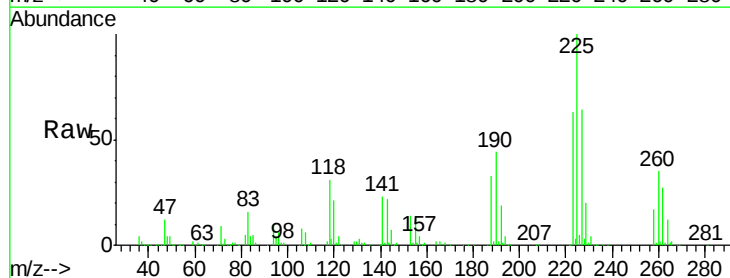


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

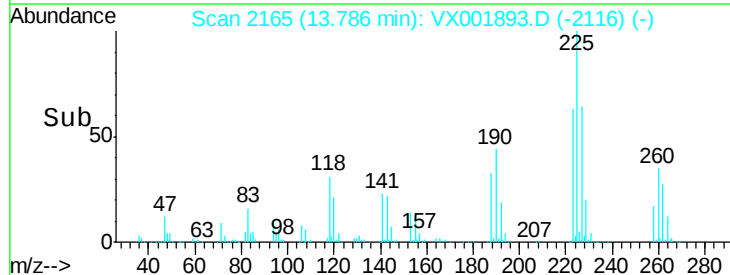
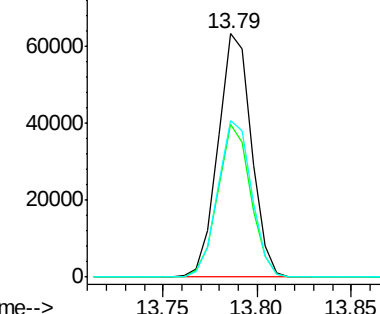


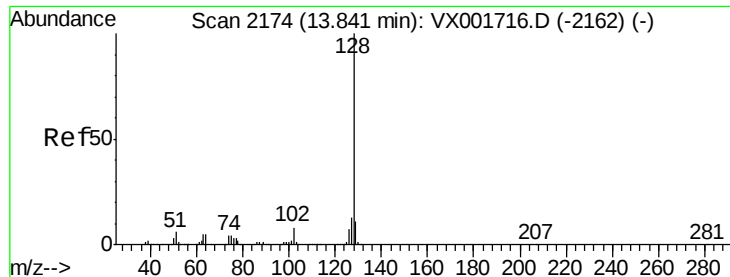
#94
 Hexachlorobutadiene
 Concen: 22.74 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001893.D
 Acq: 22 May 2018 15:10

Tgt Ion:225 Resp: 77841
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.5
 227 65.0 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

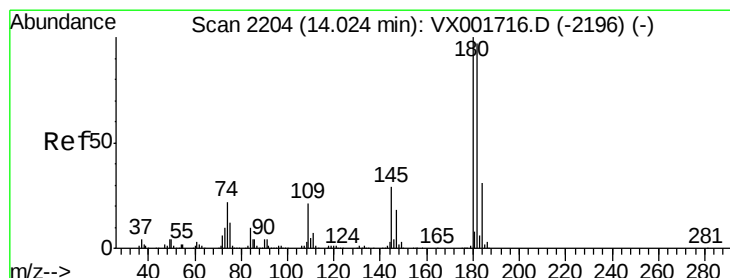
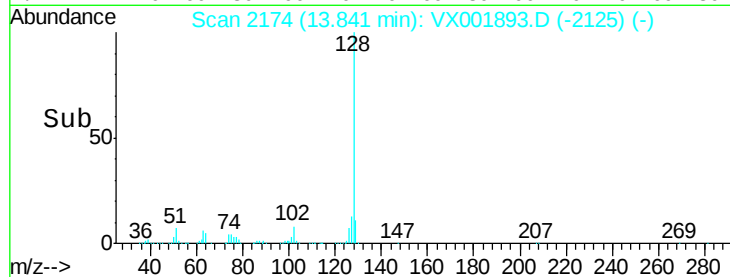
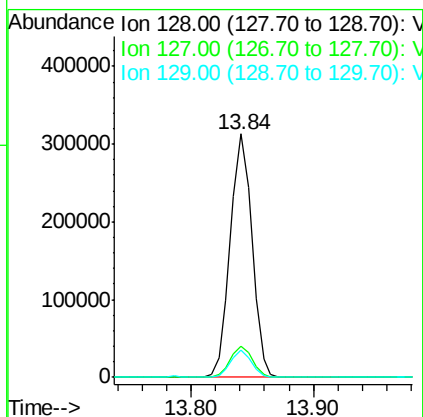
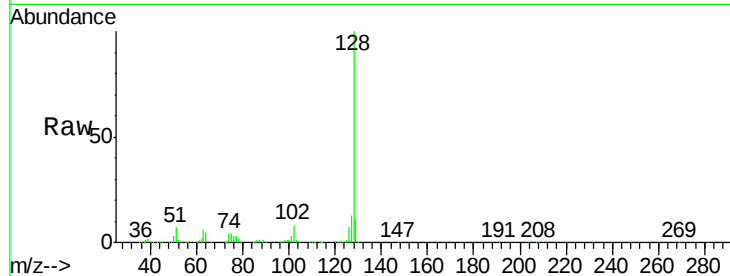




#95
Naphthalene
Concen: 23.18 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.28 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001893.D
Acq: 22 May 2018 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.9	143.7
145	28.6	14.2	42.8

