

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000223.D
 Acq On : 08 Mar 2018 15:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 15:52:01 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	41238	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	222407	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	236246	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	92966	29.13	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.10%
60) 4-Bromofluorobenzene	11.15	95	124909	32.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	107.73%
63) Toluene-d8	8.73	98	305902	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	89307	34.897 ug/l	96
3) Chloromethane	1.32	50	77841	30.346 ug/l	97
4) Vinyl Chloride	1.41	62	102672	33.641 ug/l	99
5) Bromomethane	1.64	94	113962	40.519 ug/l	96
6) Chloroethane	1.72	64	65774	33.667 ug/l	96
7) Trichlorofluoromethane	1.93	101	181234	34.278 ug/l	100
8) Diethyl Ether	2.20	74	63117	34.185 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	104285	36.151 ug/l	93
10) 1,1-Dichloroethene	2.38	96	90638	32.893 ug/l	94
11) Methyl Iodide	2.51	142	79316	29.615 ug/l	96
12) Methyl Acetate	2.78	43	177811	36.113 ug/l	99
13) Acrolein	2.30	56	93433	157.684 ug/l	100
14) Acrylonitrile	3.15	53	383111	179.558 ug/l	99
15) Acetone	2.45	58	176396	253.582 ug/l	98
16) Carbon Disulfide	2.57	76	251548	31.919 ug/l	97
17) Allyl chloride	2.73	41	165676	35.267 ug/l	97
18) Methylene Chloride	2.86	84	97410	32.441 ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	100539	33.537 ug/l	92
20) Diisopropyl ether	3.88	45	322029	43.413 ug/l	97
21) 1,1-Dichloroethane	3.71	63	175294	35.853 ug/l	99
22) cis-1,2-Dichloroethene	4.61	96	91913	32.999 ug/l	98
23) tert-Butyl Alcohol	3.08	59	205627	168.605 ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	327801	34.526 ug/l	97
25) Chloroform	5.23	83	172160	35.513 ug/l	99
26) Cyclohexane	5.59	56	141964	37.032 ug/l #	99
29) 1,1-Dichloropropene	5.81	75	132374	40.870 ug/l	98
30) 2-Butanone	4.72	43	597626	239.710 ug/l	98
31) 2,2-Dichloropropane	4.59	77	131520	37.752 ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	155951	39.793 ug/l	98
33) Carbon Tetrachloride	5.79	117	135859	39.040 ug/l	96
34) Benzene	6.15	78	379791	40.750 ug/l	95
35) Methacrylonitrile	5.07	41	92526	40.307 ug/l	89
36) 1,2-Dichloroethane	6.21	62	147271	41.670 ug/l	99
37) Trichloroethene	7.22	130	107038	38.855 ug/l	96
38) Methylcyclohexane	7.47	83	166631	42.916 ug/l	97
39) 1,2-Dichloropropane	7.53	63	96225	41.356 ug/l	98
40) Dibromomethane	7.67	93	73730	41.128 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	140976	41.372	ug/l	95
42) Vinyl Acetate	3.83	43	1589643	250.158	ug/l	99
43) Ethyl Acetate	4.87	43	182481	41.671	ug/l	100
44) Isopropyl Acetate	6.48	43	275451	42.870	ug/l	98
45) 1,4-Dioxane	7.77	88	60812	752.549	ug/l	100
46) Methyl methacrylate	7.79	41	135034	43.209	ug/l	95
47) n-amyl Acetate	10.91	43	272329	48.548	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	166748	42.036	ug/l	98
49) cis-1,3-Dichloropropene	9.05	75	169463	43.899	ug/l	95
50) 1,1,2-Trichloroethane	9.23	97	109749	41.694	ug/l	99
51) Ethyl methacrylate	9.19	69	176385	43.737	ug/l	94
52) 1,3-Dichloropropane	9.38	76	179543	42.526	ug/l	98
53) Dibromochloromethane	9.59	129	124705	42.581	ug/l	96
54) 1,2-Dibromoethane	9.68	107	123457	42.081	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	343086	194.831	ug/l	98
56) Bromoform	10.87	173	100186	42.240	ug/l	99
58) 4-Methyl-2-Pentanone	8.67	43	1093418	211.304	ug/l	99
59) 2-Hexanone	9.51	43	995969	227.299	ug/l	99
61) Tetrachloroethene	9.34	164	105437	36.756	ug/l	96
62) Toluene	8.79	91	479071	38.975	ug/l	99
64) Chlorobenzene	10.15	112	318119	38.299	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	111106	37.764	ug/l	98
66) Ethyl Benzene	10.26	91	557324	39.723	ug/l	99
67) m/p-Xylenes	10.37	106	450081	81.830	ug/l	100
68) o-Xylene	10.71	106	215202	40.282	ug/l	100
69) Styrene	10.72	104	365947	41.351	ug/l	99
70) Isopropylbenzene	11.02	105	592327	41.016	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	209679	42.197	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	250396	56.177	ug/l	84
73) Bromobenzene	11.26	156	147200	38.879	ug/l	95
74) n-propylbenzene	11.37	91	718897	42.469	ug/l	99
75) 2-Chlorotoluene	11.43	91	400693	41.173	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	519443	42.444	ug/l	69
77) t-1,4-Dichloro-2-butene	11.09	75	65566	41.598	ug/l	98
78) 4-Chlorotoluene	11.52	91	500262	42.907	ug/l	100
79) tert-butylbenzene	12.07	119	586655	48.161	ug/l	96
80) 1,2,4-Trimethylbenzene	11.82	105	531863	42.603	ug/l	99
81) sec-Butylbenzene	11.96	105	642836	42.690	ug/l	98
82) p-Isopropyltoluene	12.07	119	586655	43.671	ug/l	99
83) 1,3-Dichlorobenzene	12.04	146	299345	41.527	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	311999	41.530	ug/l	98
85) n-Butylbenzene	12.40	91	563744	44.743	ug/l	99
86) Hexachloroethane	12.60	117	89344	39.815	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	297801	41.690	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	59038	42.489	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	213689	40.731	ug/l	100
90) Hexachlorobutadiene	13.79	225	88095	38.975	ug/l	98
91) Naphthalene	13.84	128	758948	41.397	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	208574	39.544	ug/l	98

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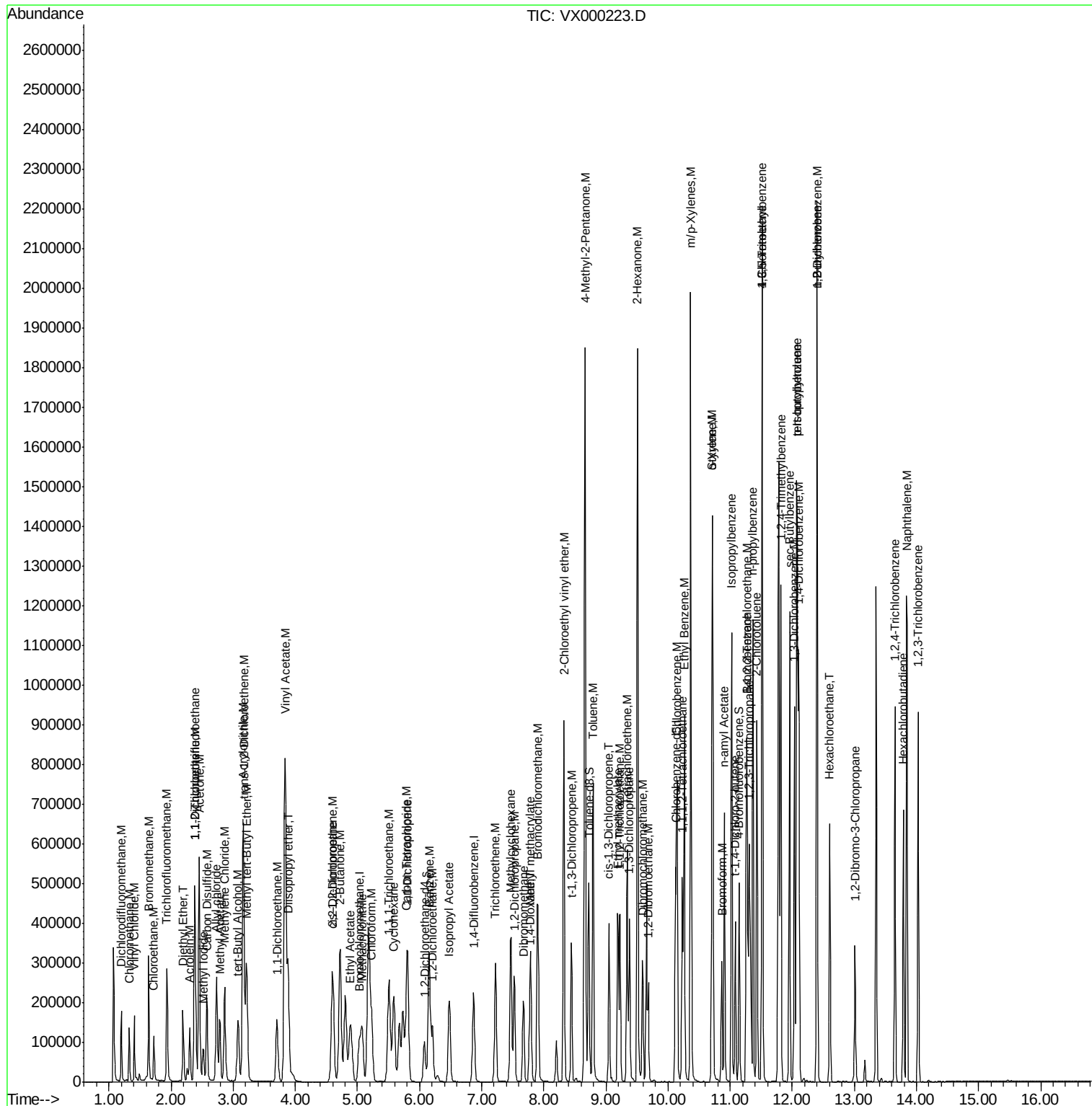
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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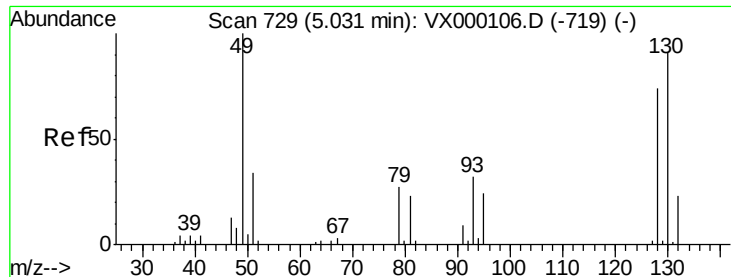
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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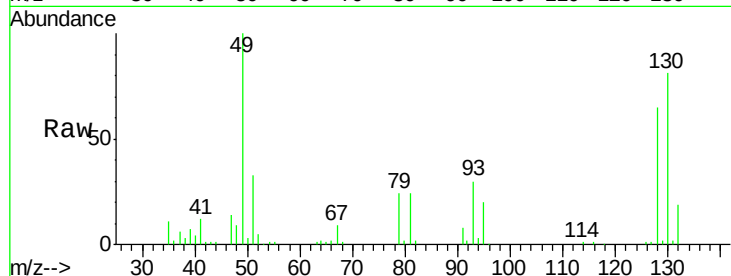




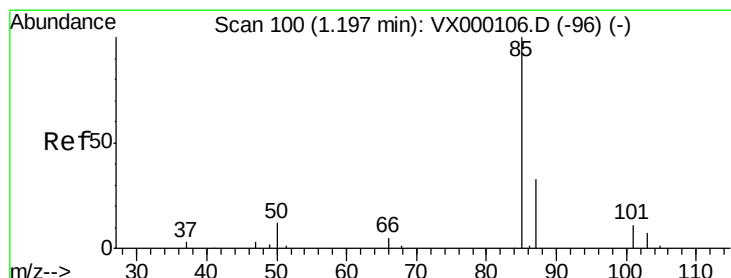
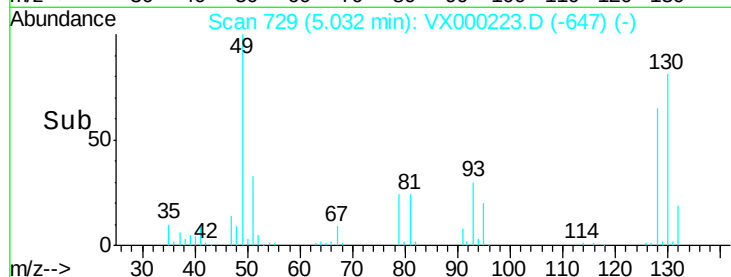
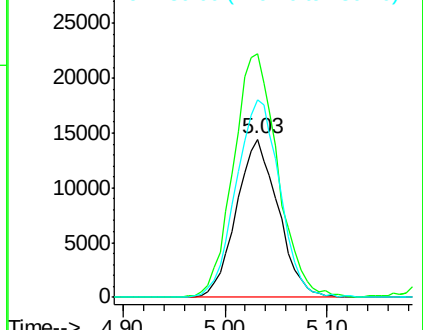
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 41238
Ion Ratio Lower Upper
128 100
49 162.9 0.0 378.3
130 130.0 0.0 324.3

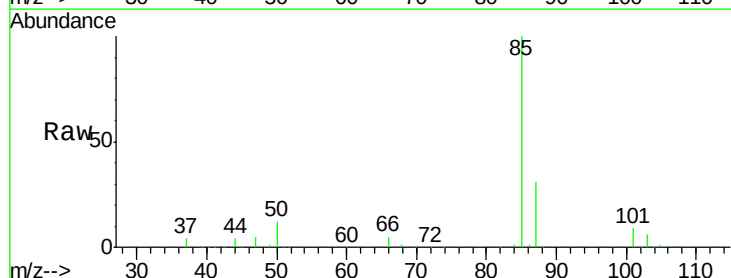


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

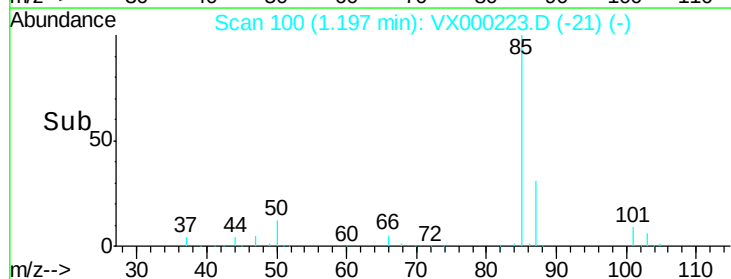
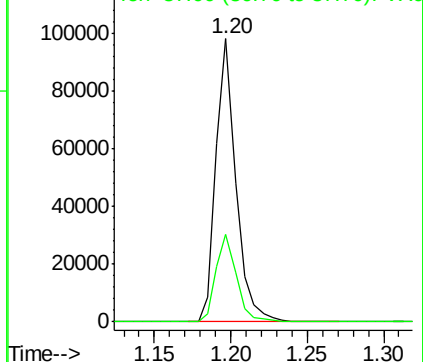


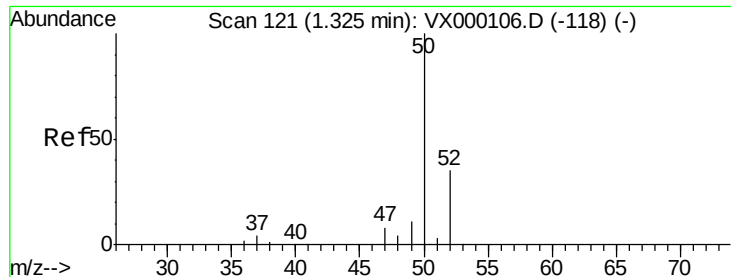
#2
Dichlorodifluoromethane
Concen: 34.897 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 85 Resp: 89307
Ion Ratio Lower Upper
85 100
87 31.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

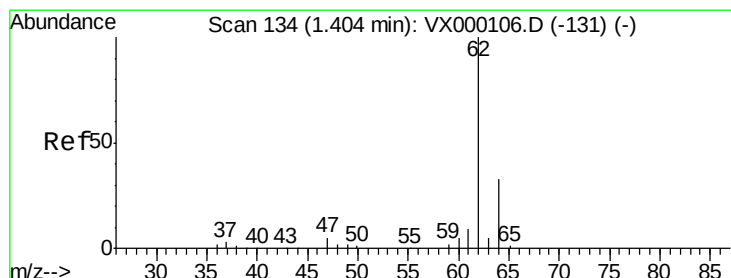
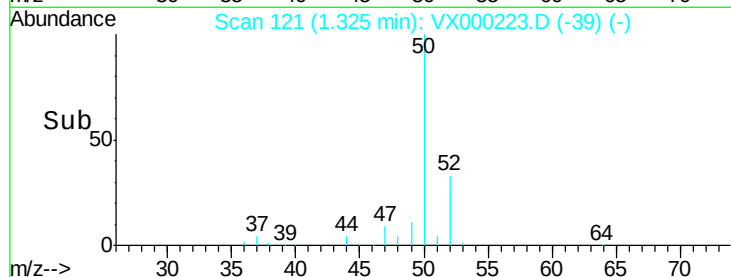
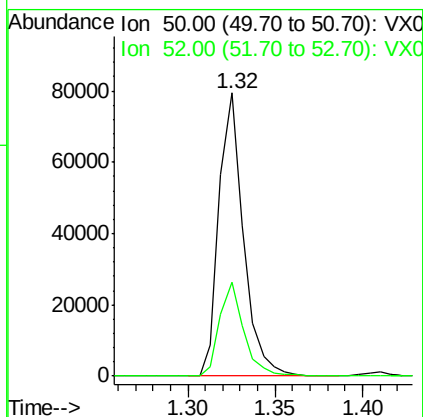
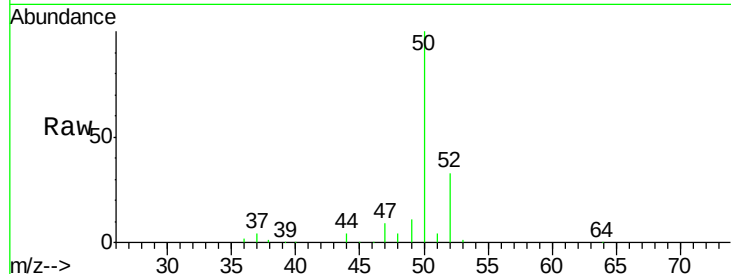




#3
Chloromethane
Concen: 30.346 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

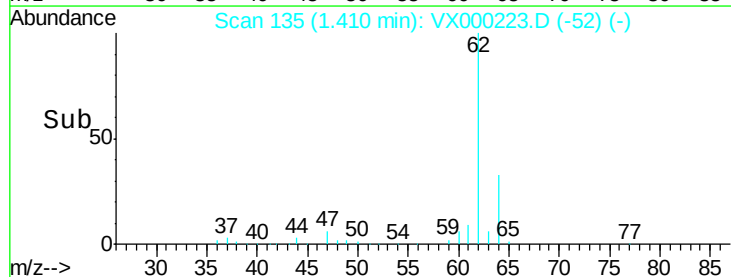
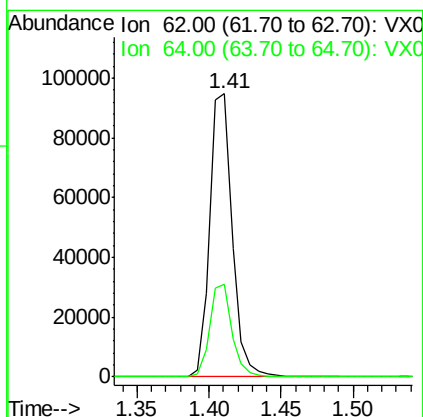
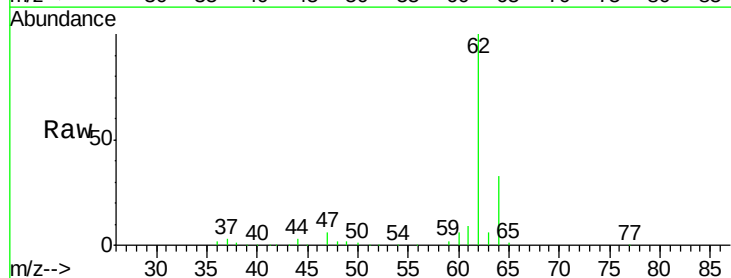
Instrument :
MSVOA_X
ClientSampleId :

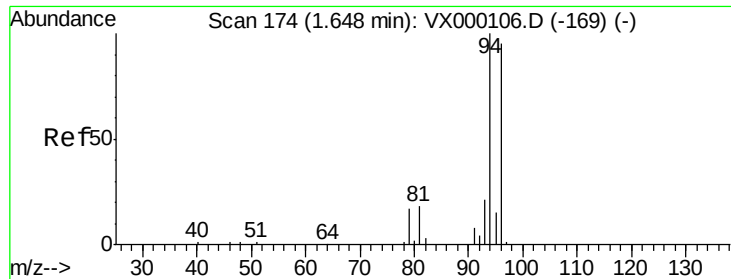
Tot Ion: 50 Resp: 77841
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.6



#4
Vinyl Chloride
Concen: 33.641 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 62 Resp: 102672
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





#5

Bromomethane

Concen: 40.519 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

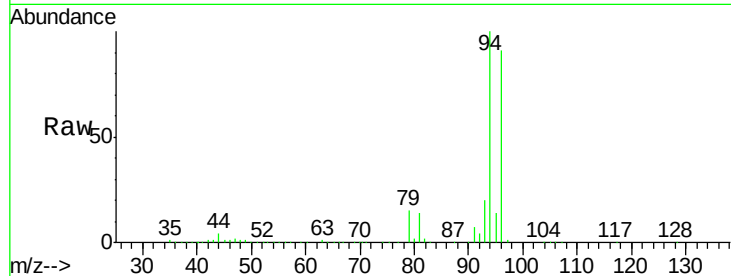
ClientSampleId :

Tot Ion: 94 Resp: 113962

Ion Ratio Lower Upper

94 100

96 91.2 76.2 114.2



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

120000

100000

80000

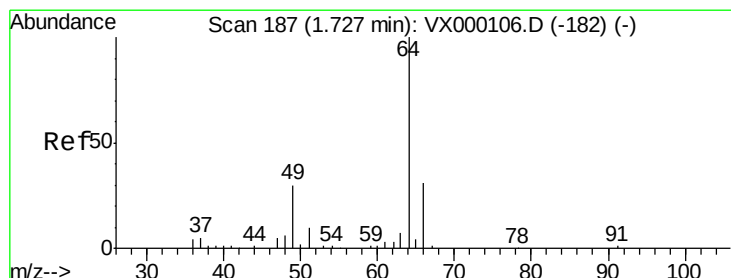
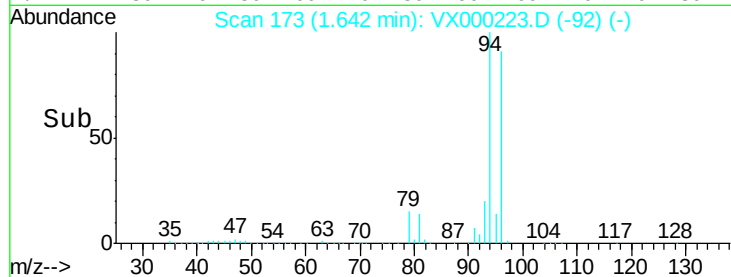
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 33.667 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000223.D

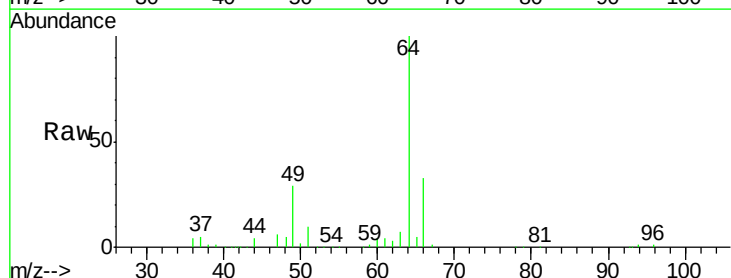
Acq: 08 Mar 2018 15:13

Tgt Ion: 64 Resp: 65774

Ion Ratio Lower Upper

64 100

66 33.5 25.2 37.8



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

60000

50000

40000

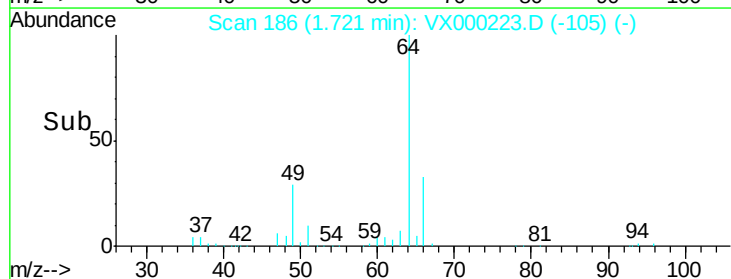
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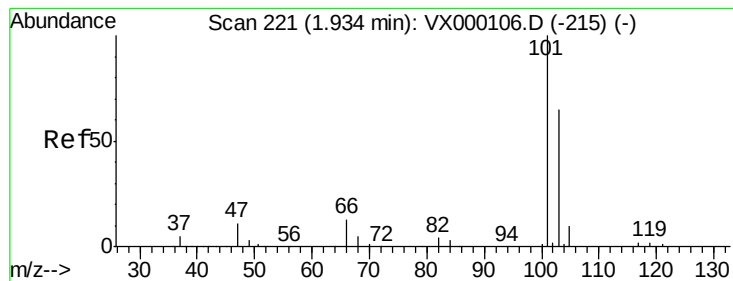
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10000

0

Time-->



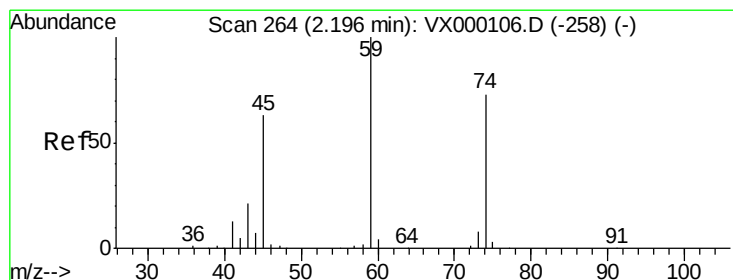
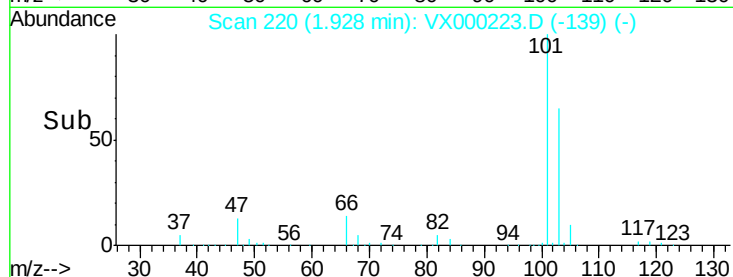
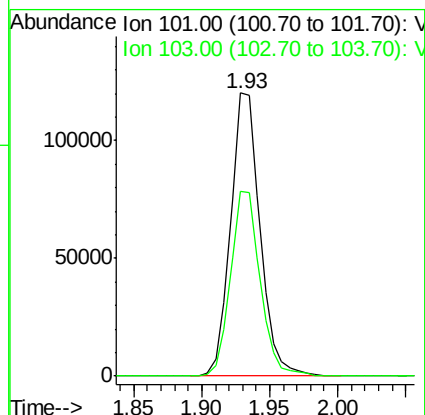
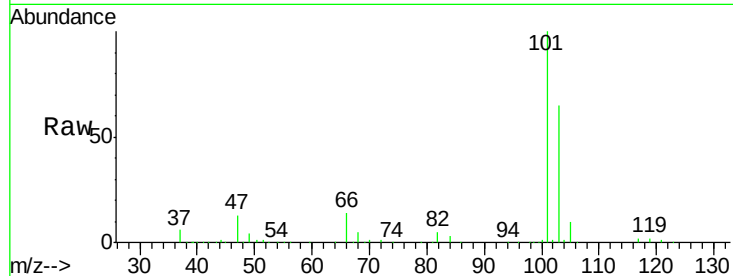


#7

Trichlorofluoromethane
 Concen: 34.278 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000223.D
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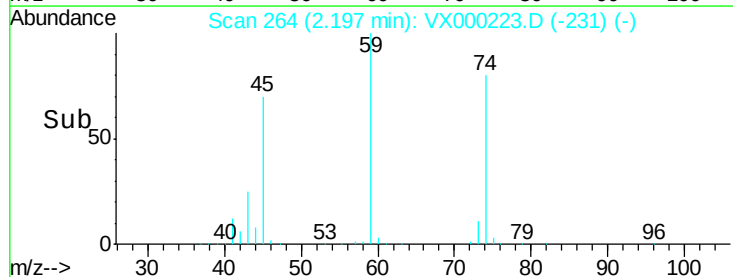
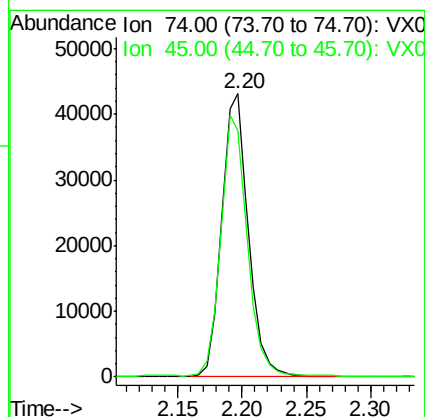
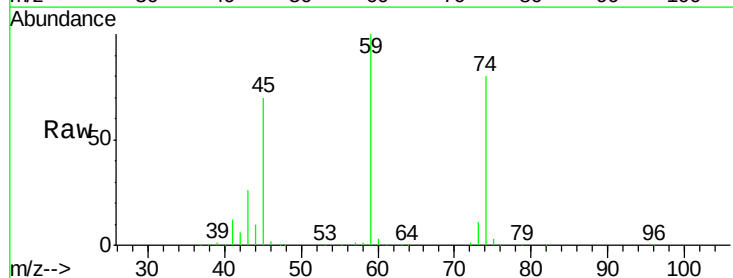
Tot Ion:101 Resp: 181234
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

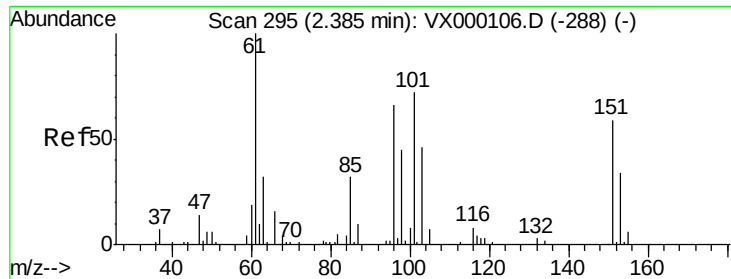


#8

Diethyl Ether
 Concen: 34.185 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 74 Resp: 63117
 Ion Ratio Lower Upper
 74 100
 45 91.7 17.8 159.8

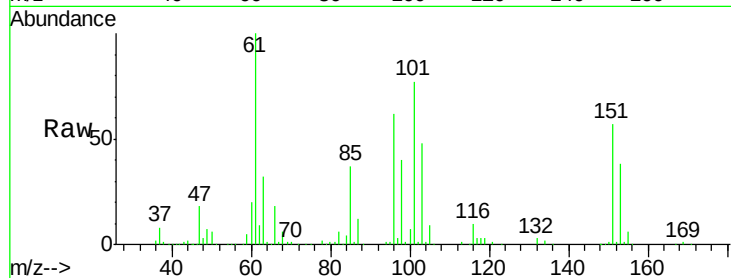




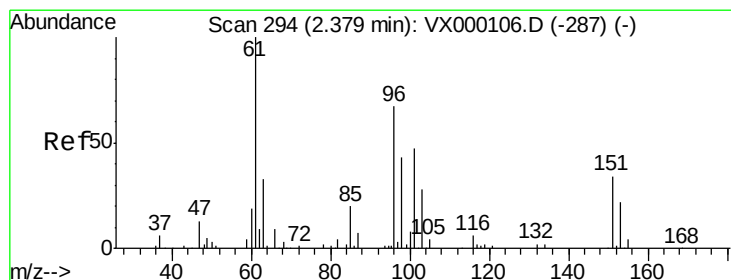
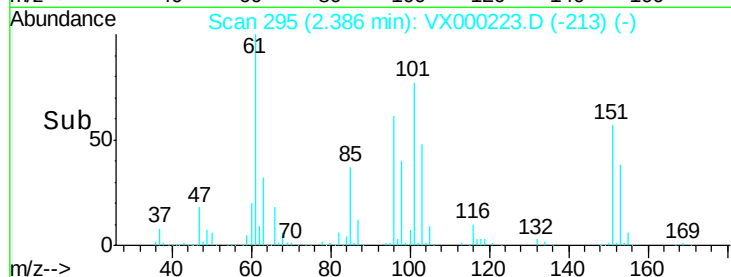
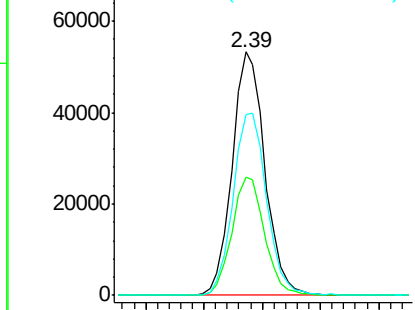
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 36.151 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX000223.D
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Tot Ion:101 Resp: 104285
 Ion Ratio Lower Upper
 101 100
 85 48.8 0.0 90.4
 151 76.9 0.0 167.6

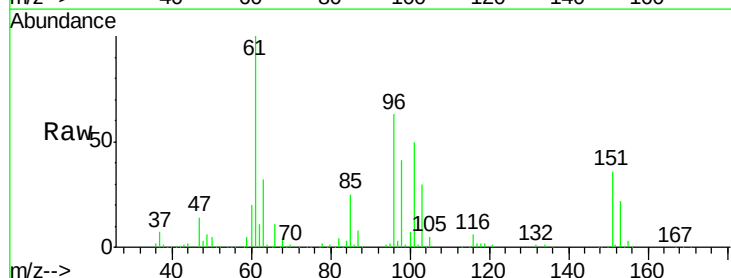


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VX0
 Ion 151.00 (150.70 to 151.70): V

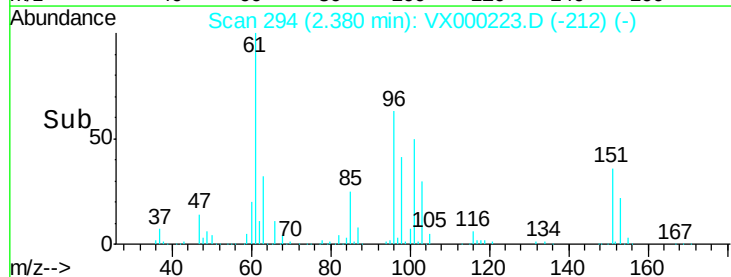
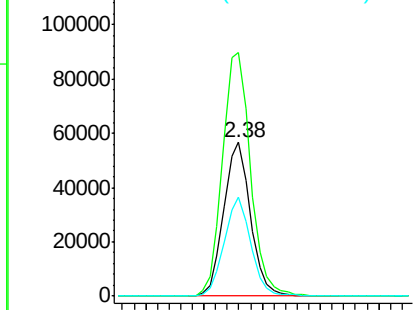


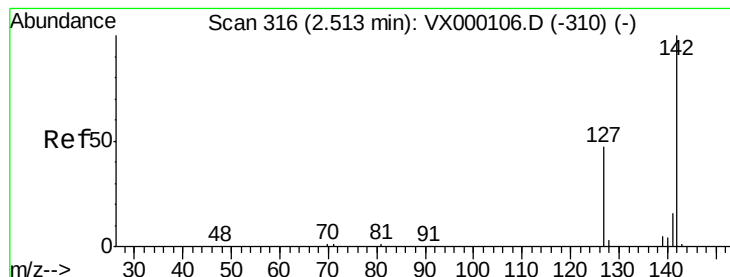
#10
 1,1-Dichloroethene
 Concen: 32.893 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 96 Resp: 90638
 Ion Ratio Lower Upper
 96 100
 61 158.4 118.6 178.0
 98 64.5 51.0 76.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

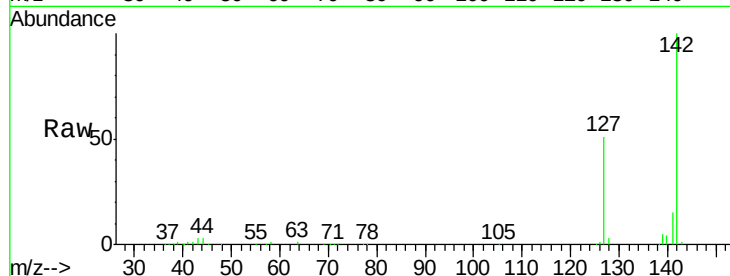




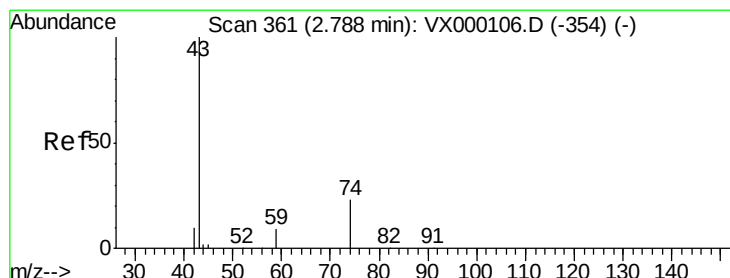
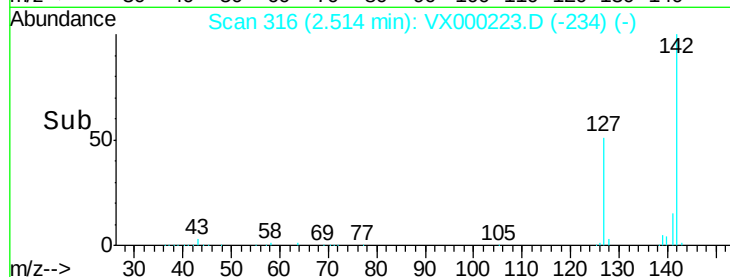
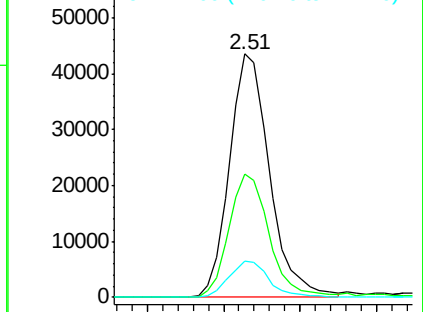
#11
Methvl Iodide
Concen: 29.615 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 79316
Ion Ratio Lower Upper
142 100
127 50.7 23.8 71.5
141 14.8 8.2 24.4

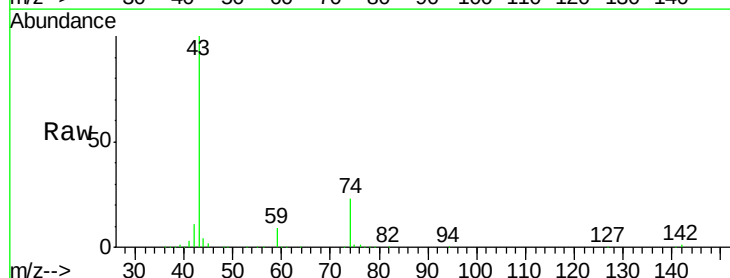


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

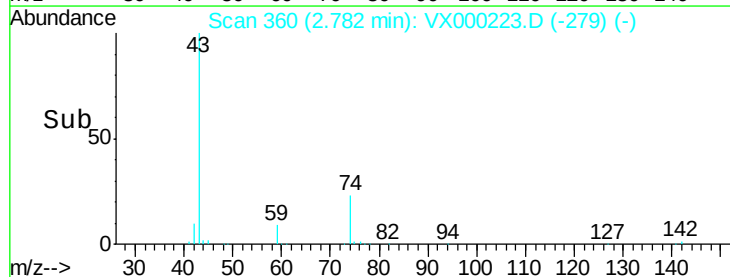
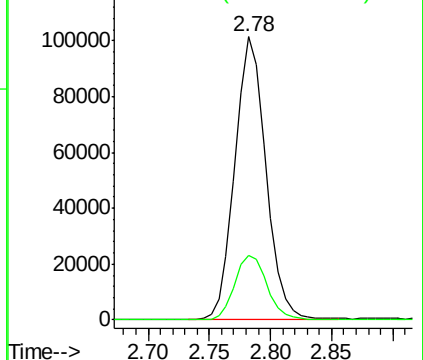


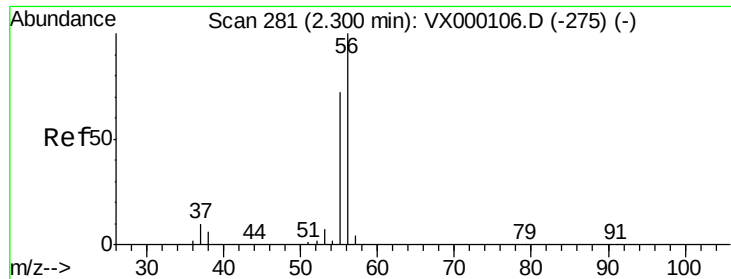
#12
Methyl Acetate
Concen: 36.113 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 43 Resp: 177811
Ion Ratio Lower Upper
43 100
74 22.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

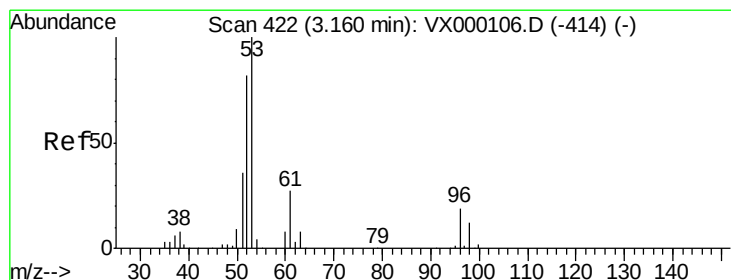
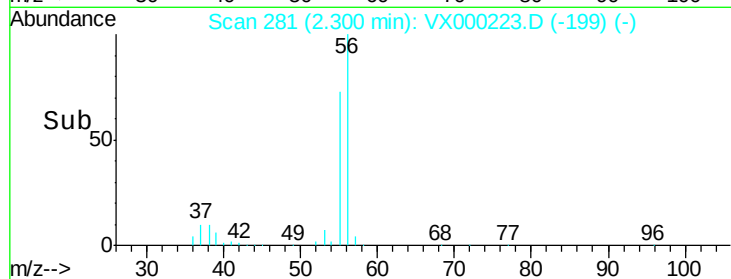
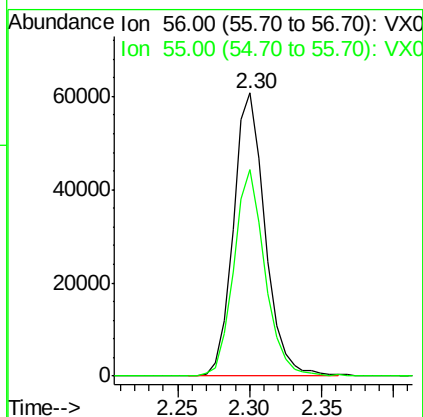
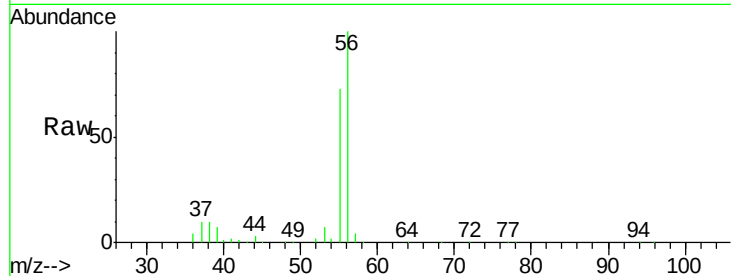




#13
Acrolein
Concen: 157.684 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

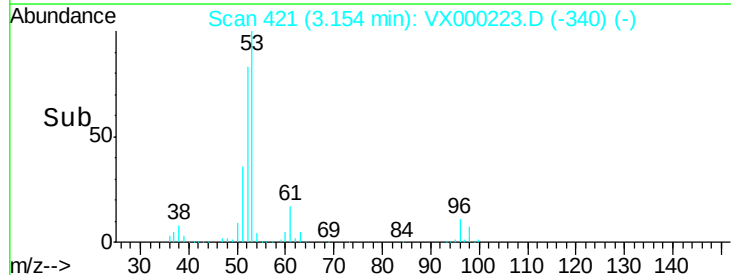
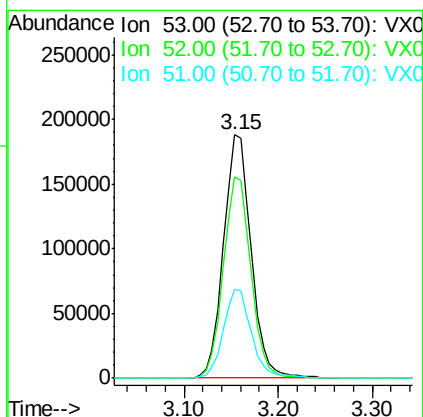
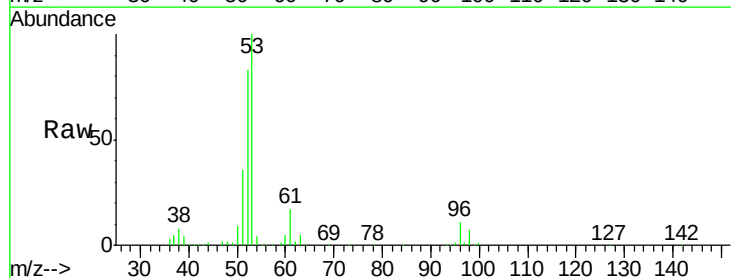
Instrument :
MSVOA_X
ClientSampleId :

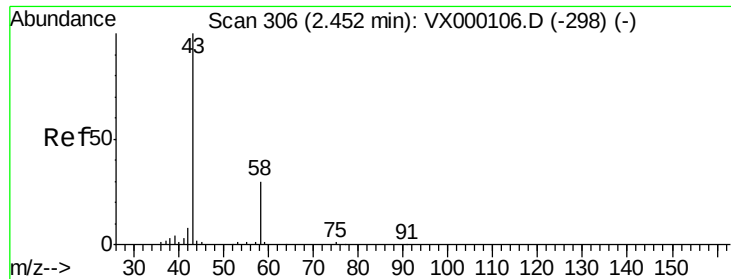
Tot Ion: 56 Resp: 93433
Ion Ratio Lower Upper
56 100
55 71.3 57.3 85.9



#14
Acrylonitrile
Concen: 179.558 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 53 Resp: 383111
Ion Ratio Lower Upper
53 100
52 82.3 41.9 125.8
51 37.0 18.8 56.3





#15

Acetone

Concen: 253.582 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

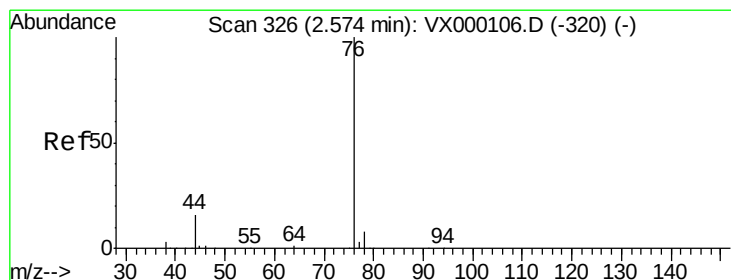
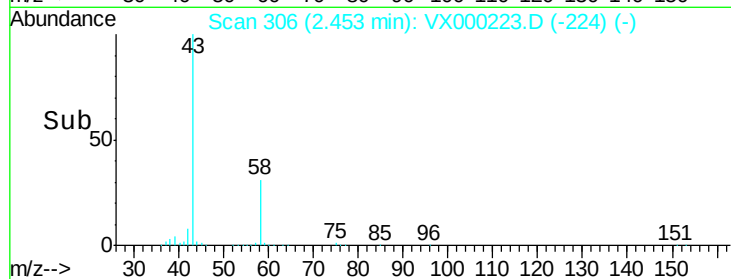
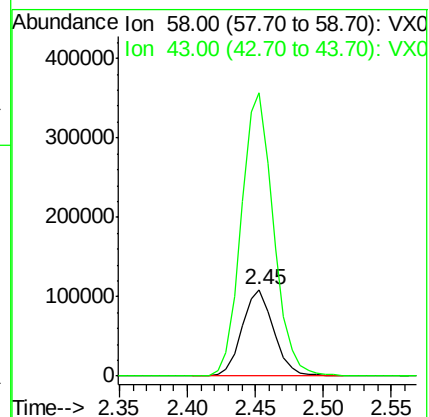
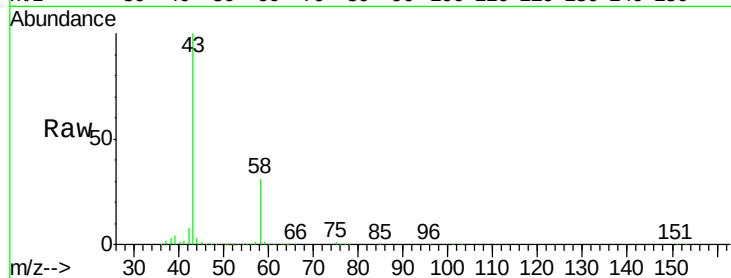
ClientSampleId :

Tot Ion: 58 Resp: 176396

Ion Ratio Lower Upper

58 100

43 326.9 264.6 396.8



#16

Carbon Disulfide

Concen: 31.919 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000223.D

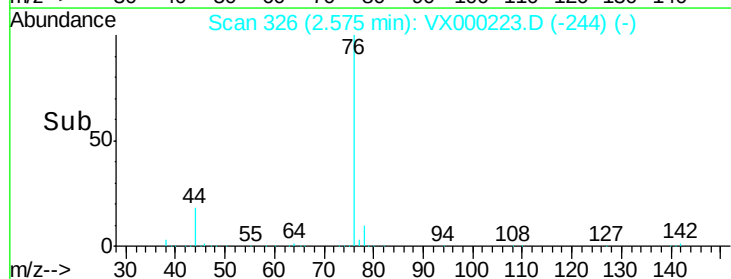
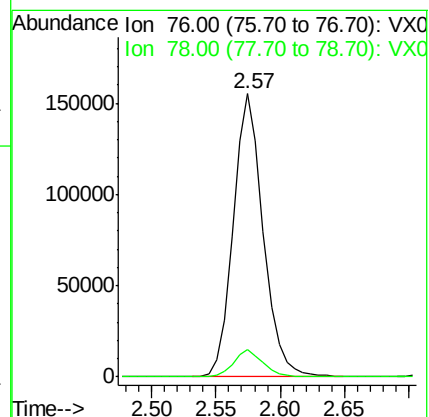
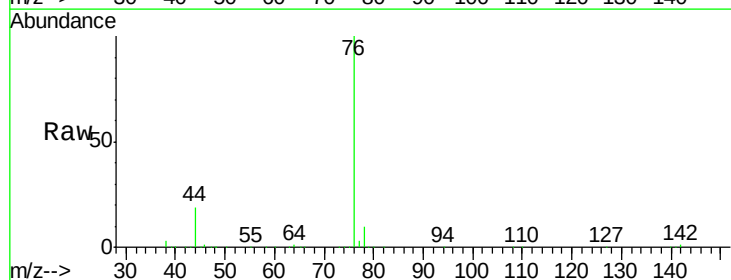
Acq: 08 Mar 2018 15:13

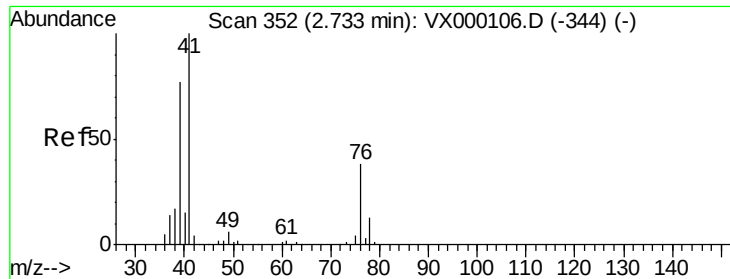
Tgt Ion: 76 Resp: 251548

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2

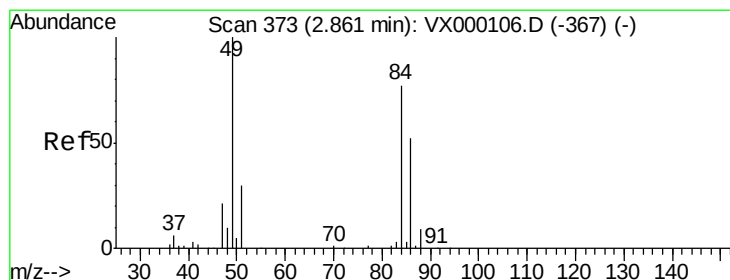
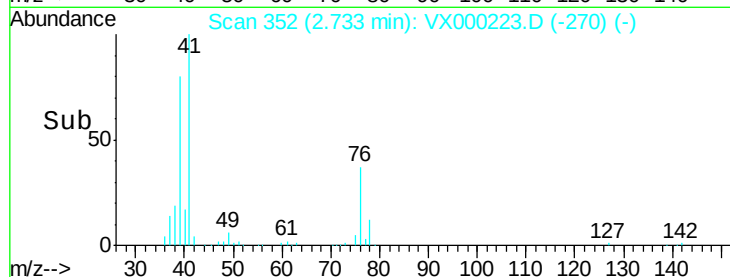
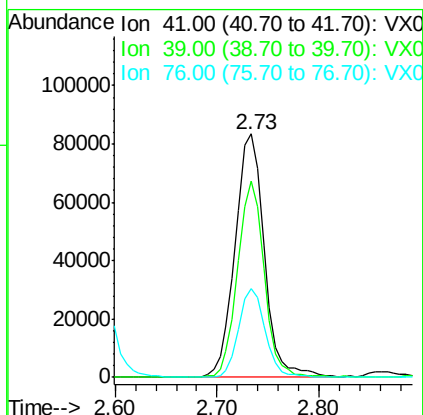
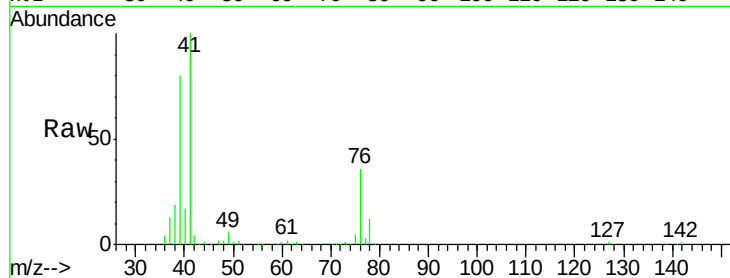




#17
Allvl chloride
Concen: 35.267 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

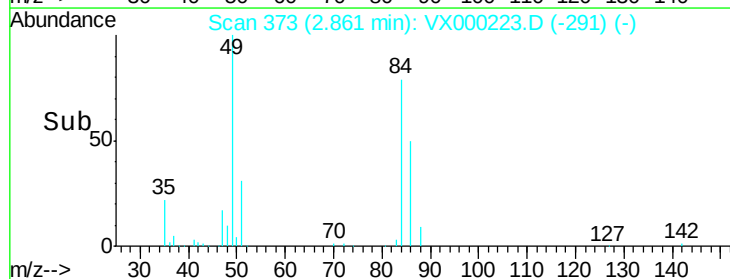
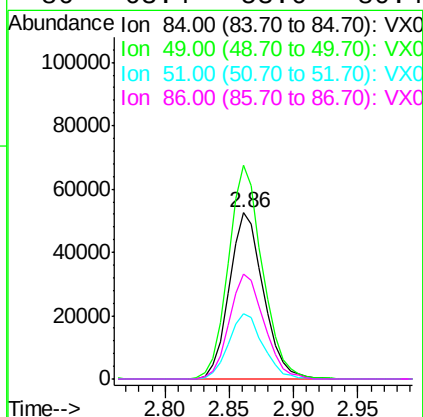
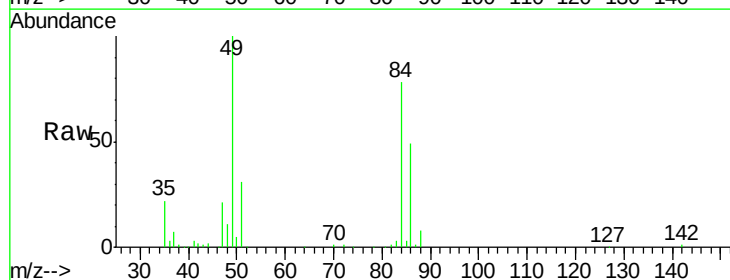
Instrument :
MSVOA_X
ClientSampled :

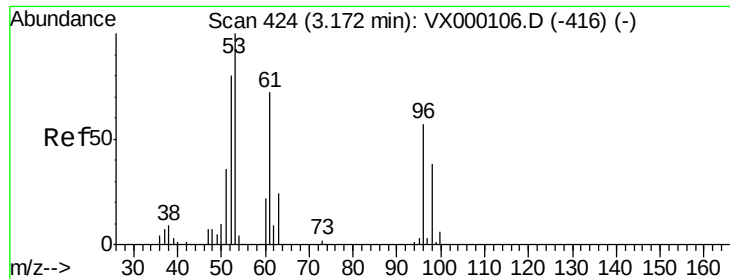
Tot Ion: 41 Resp: 165676
Ion Ratio Lower Upper
41 100
39 80.3 38.5 115.5
76 36.2 18.7 56.1



#18
Methylene Chloride
Concen: 32.441 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 84 Resp: 97410
Ion Ratio Lower Upper
84 100
49 128.7 103.3 154.9
51 39.3 31.2 46.8
86 63.4 53.6 80.4





#19

trans-1,2-Dichloroethene

Concen: 33.537 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :

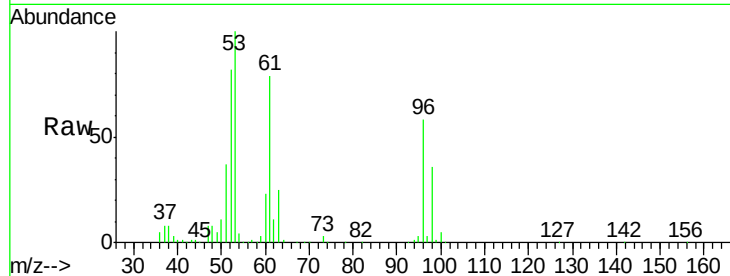
Tot Ion: 96 Resp: 100539

Ion Ratio Lower Upper

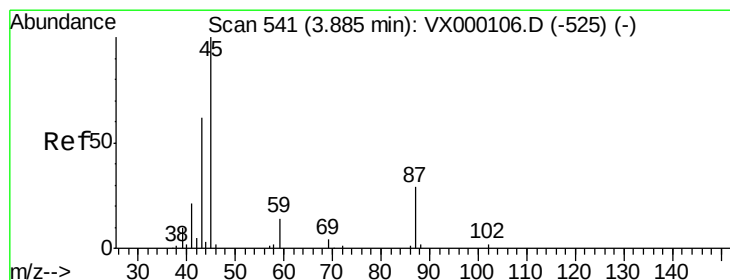
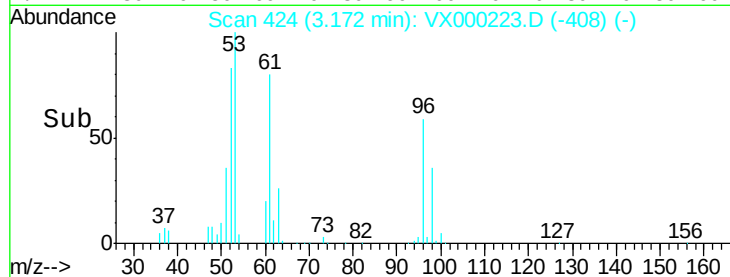
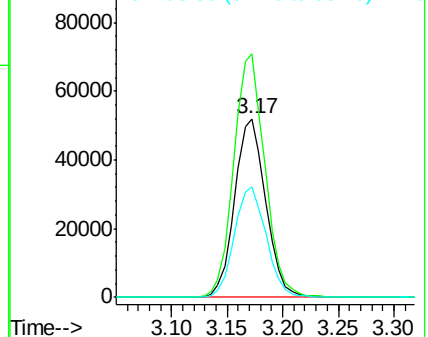
96 100

61 136.4 101.0 151.6

98 61.9 53.3 79.9



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 43.413 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Tgt Ion: 45 Resp: 322029

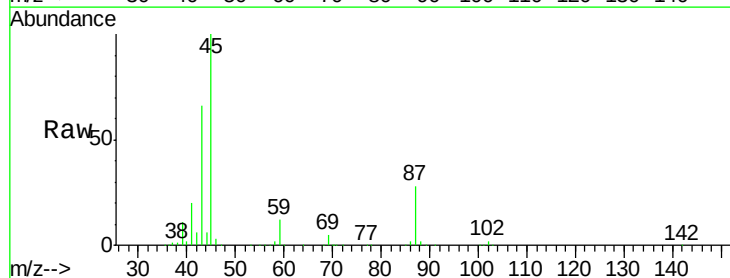
Ion Ratio Lower Upper

45 100

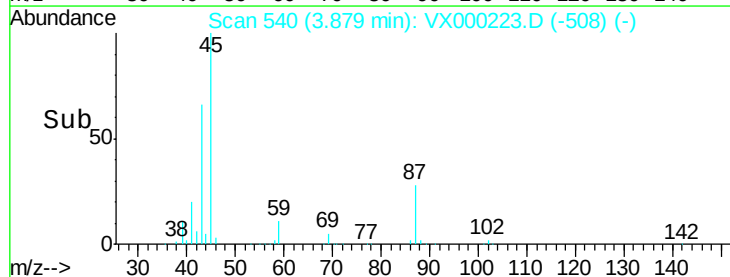
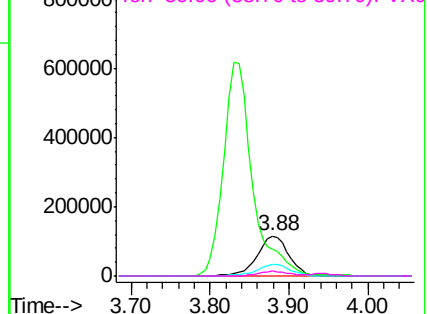
43 65.3 49.6 74.4

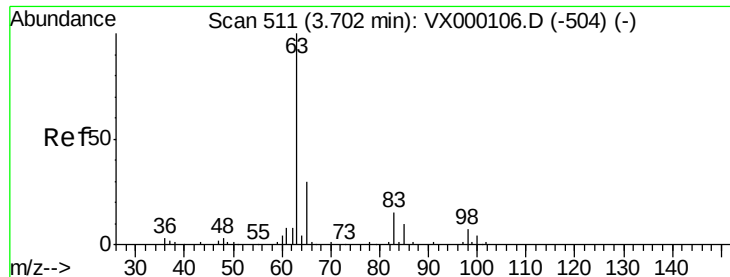
87 28.3 23.1 34.7

59 11.7 10.8 16.2



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





#21

1,1-Dichloroethane

Concen: 35.853 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

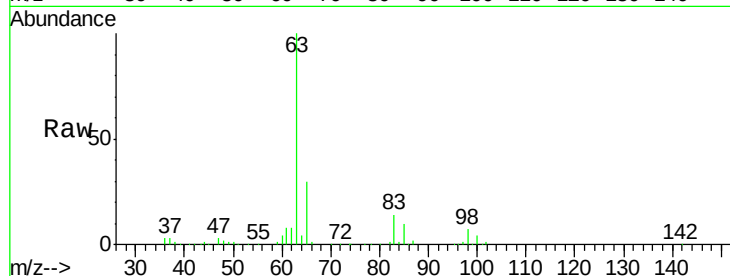
Tot Ion: 63 Resp: 175294

Ion Ratio Lower Upper

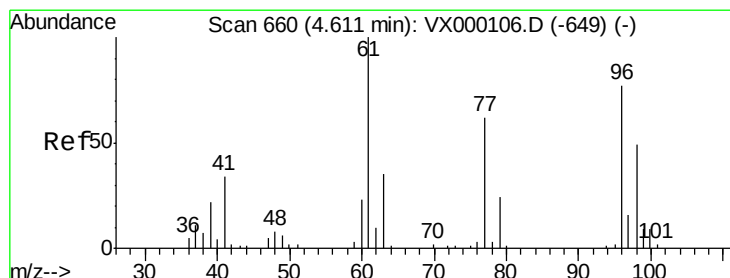
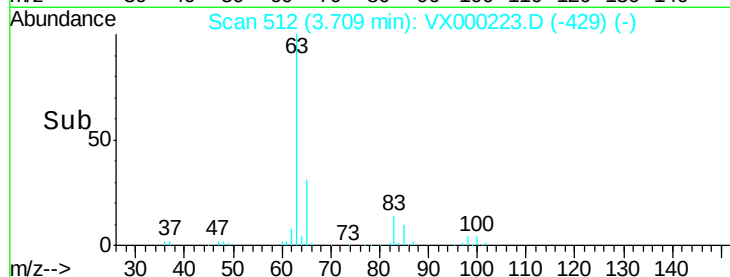
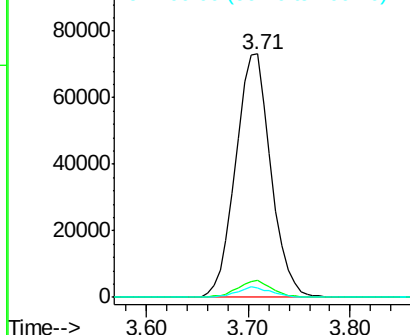
63 100

98 6.9 3.3 9.9

100 4.0 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 32.999 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

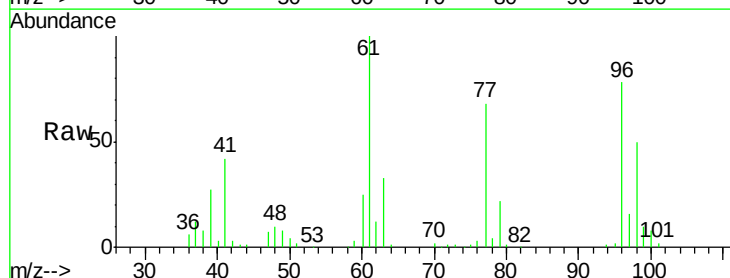
Tgt Ion: 96 Resp: 91913

Ion Ratio Lower Upper

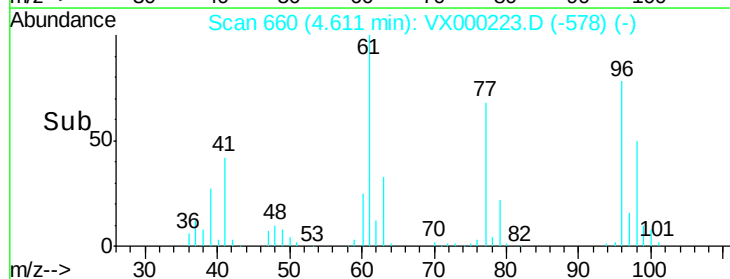
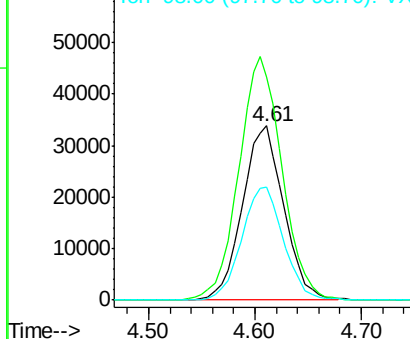
96 100

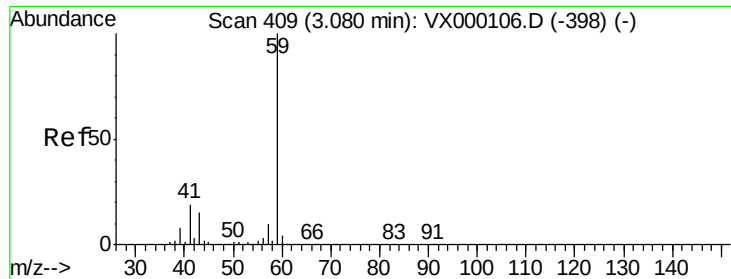
61 145.6 113.5 170.3

98 65.6 51.8 77.8



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



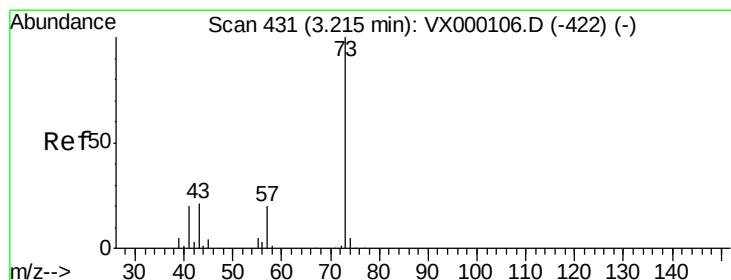
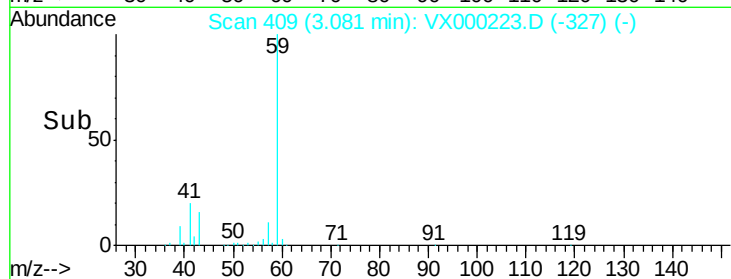
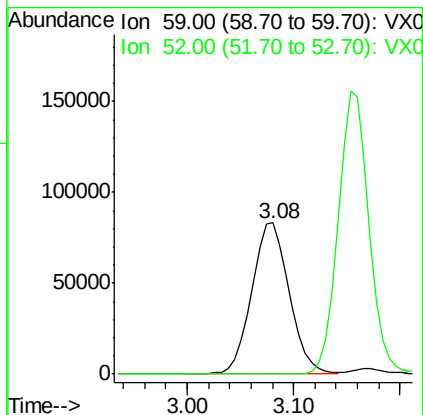
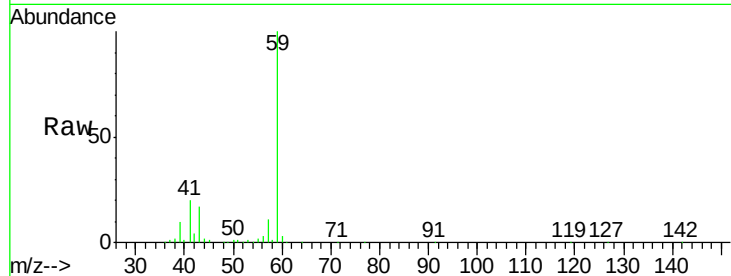


#23

tert-Butyl Alcohol
 Concen: 168.605 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :

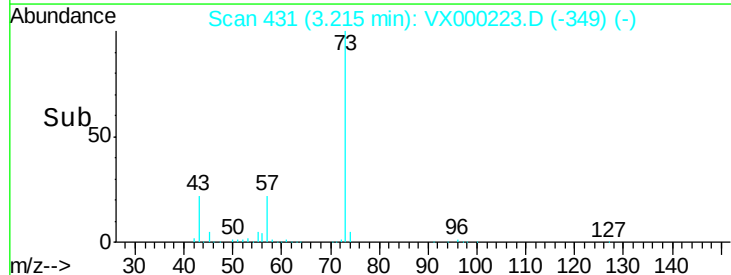
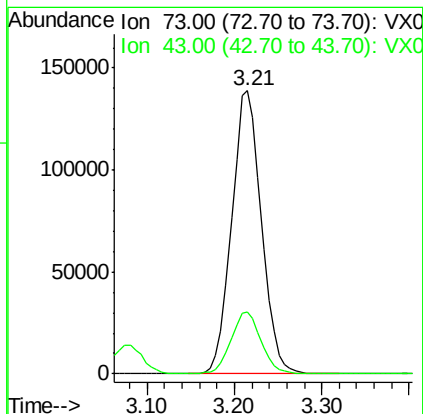
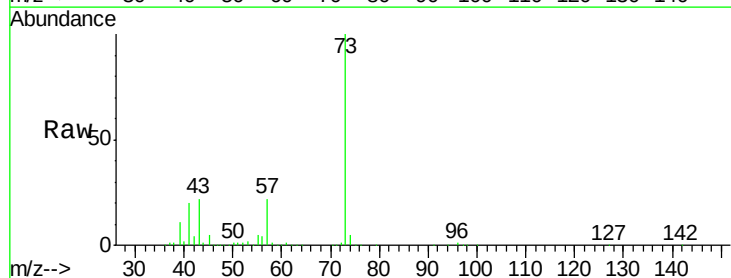
Tot Ion: 59 Resp: 205627
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

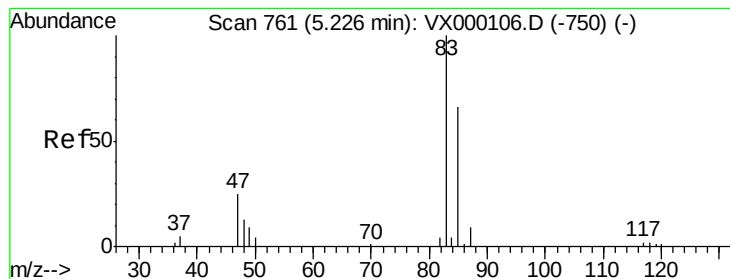


#24

Methyl tert-Butyl Ether
 Concen: 34.526 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 73 Resp: 327801
 Ion Ratio Lower Upper
 73 100
 43 22.0 16.5 24.7





#25

Chloroform

Concen: 35.513 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

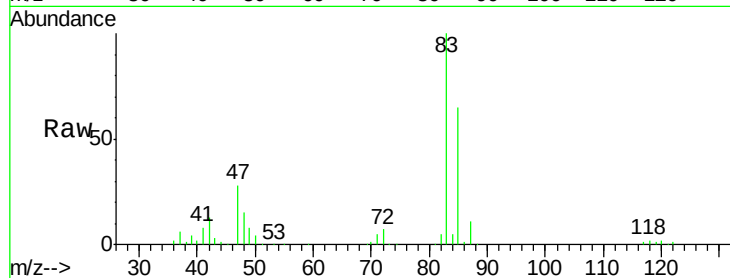
ClientSampled :

Tot Ion: 83 Resp: 172160

Ion Ratio Lower Upper

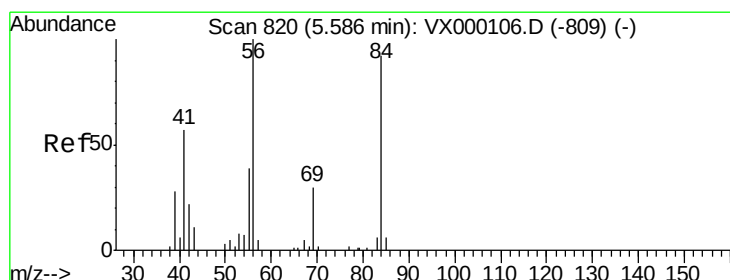
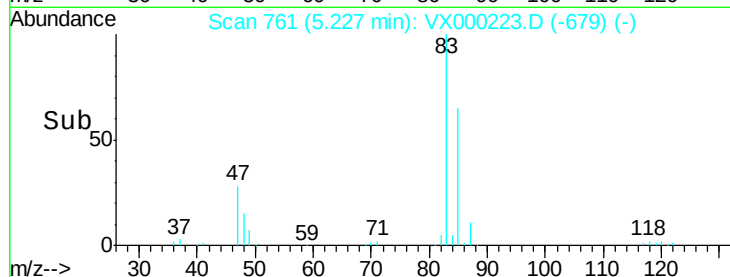
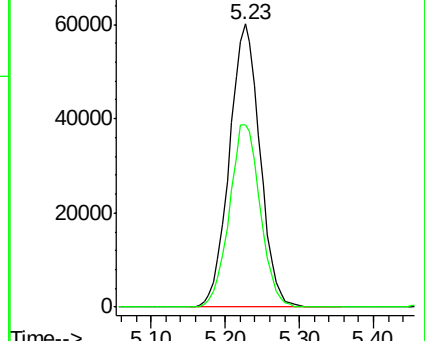
83 100

85 64.6 52.5 78.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 37.032 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

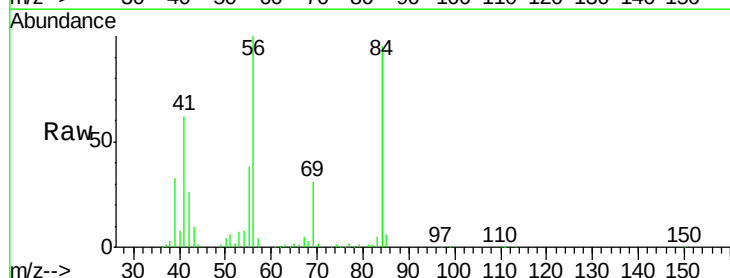
Tgt Ion: 56 Resp: 141964

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

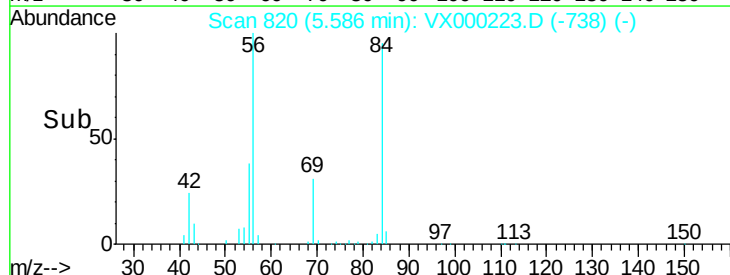
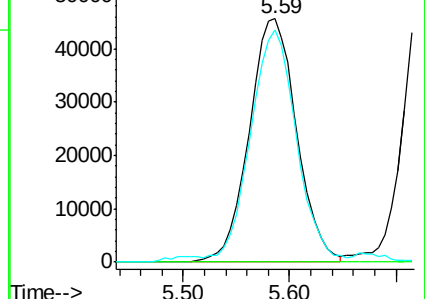
84 92.8 74.8 112.2

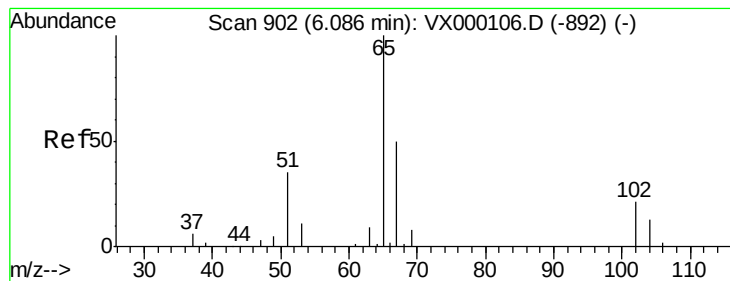


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.129 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

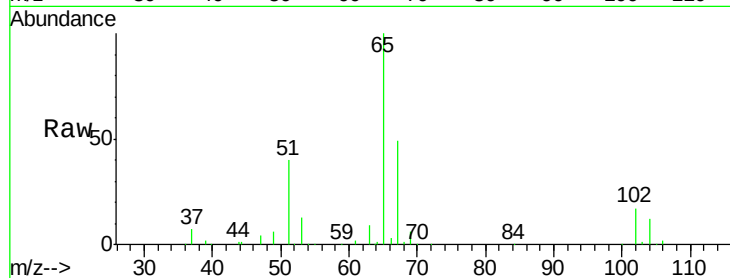
ClientSampleId :

Tot Ion: 65 Resp: 92966

Ion Ratio Lower Upper

65 100

67 50.8 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX000106.D (-892) (-)

Ion 67.00 (66.70 to 67.70): VX000106.D (-892) (-)

6.07

40000

30000

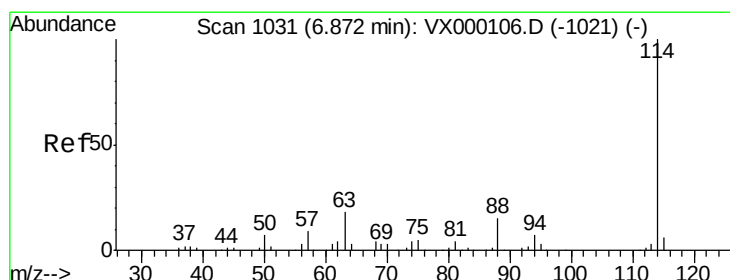
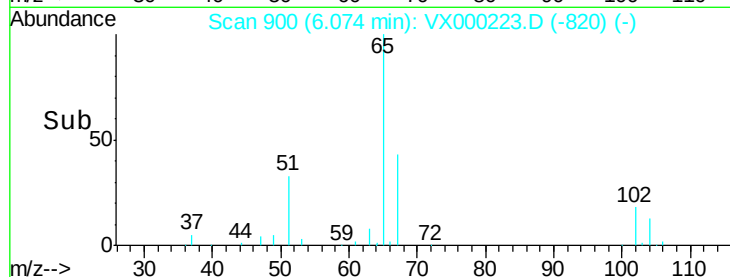
20000

10000

0

5.95 6.00 6.05 6.10 6.15

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

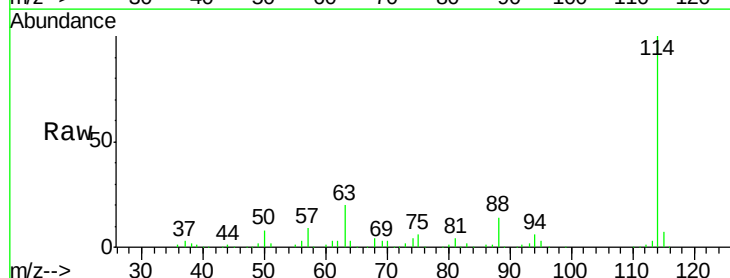
Tgt Ion: 114 Resp: 222407

Ion Ratio Lower Upper

114 100

63 20.2 15.0 22.4

88 14.5 11.8 17.8



Abundance Ion 114.00 (113.70 to 114.70): VX000106.D (-1021) (-)

Ion 63.00 (62.70 to 63.70): VX000106.D (-1021) (-)

Ion 88.00 (87.70 to 88.70): VX000106.D (-1021) (-)

6.87

120000

100000

80000

60000

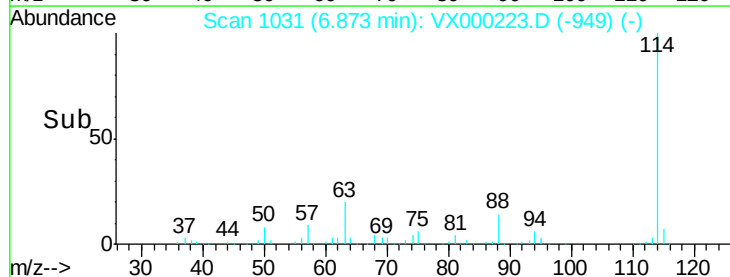
40000

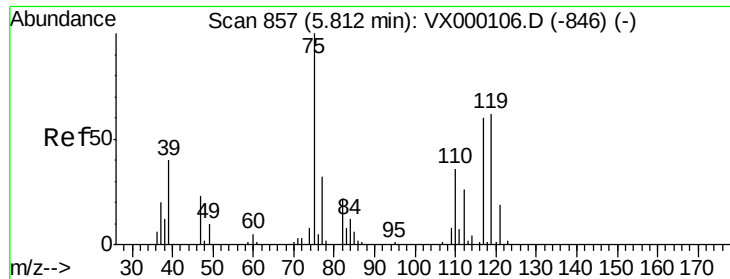
20000

0

6.75 6.80 6.85 6.90 6.95

Time-->

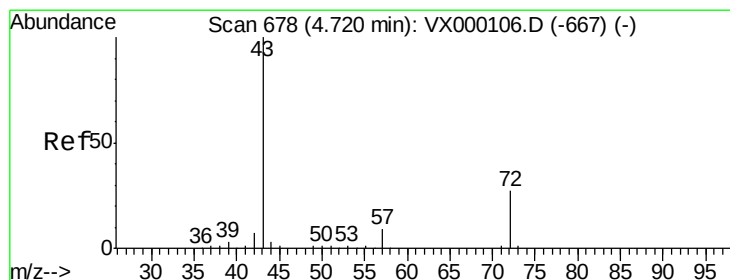
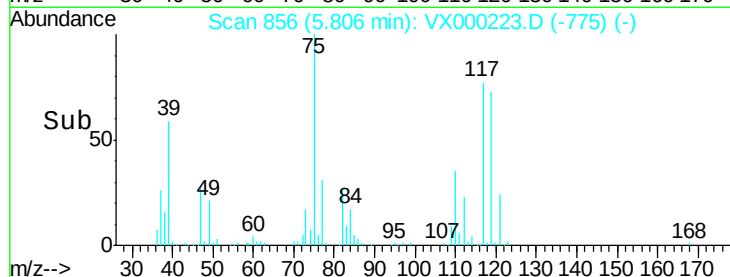
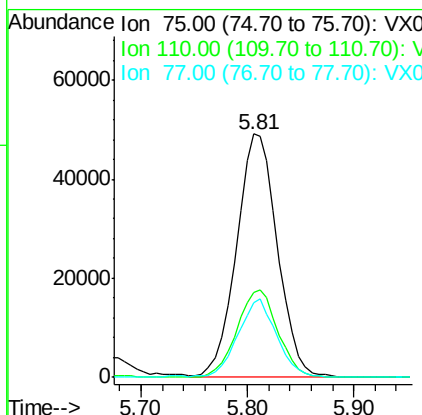
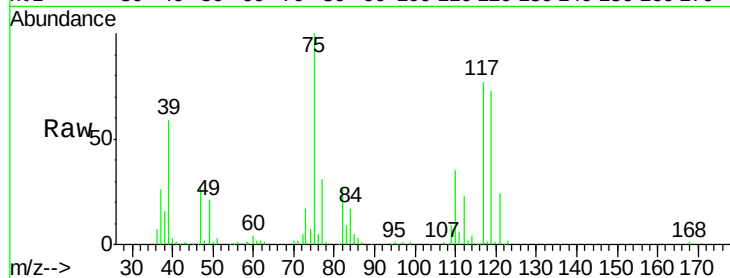




#29
 1,1-Dichloropropene
 Concen: 40.870 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

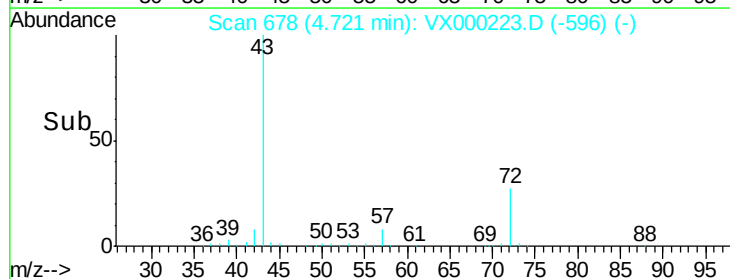
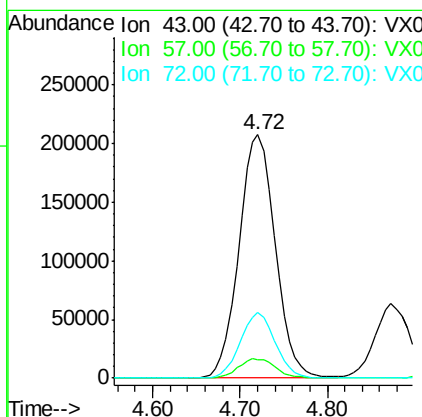
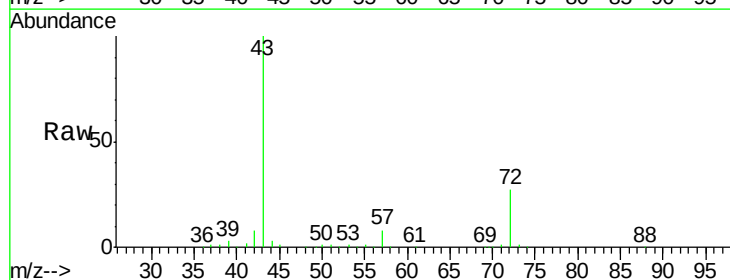
Instrument :
 MSVOA_X
 ClientSampled :

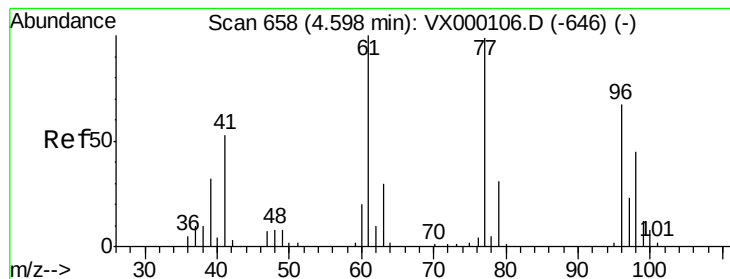
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	75.6
77	30.3	0.0	62.6



#30
 2-Butanone
 Concen: 239.710 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.6	10.0
72	26.0	21.8	32.6





#31

2,2-Dichloropropane

Concen: 37.752 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

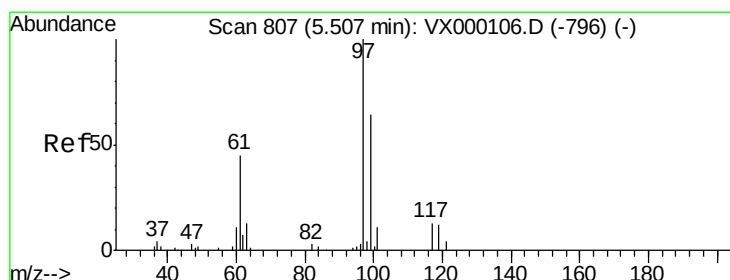
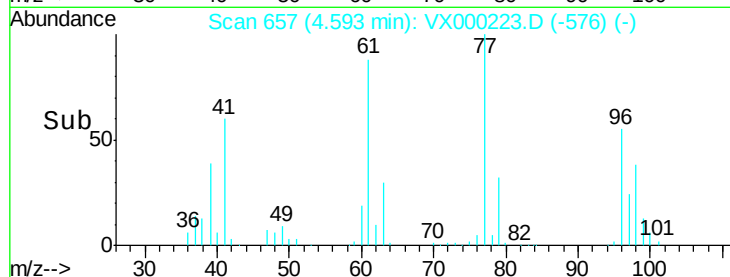
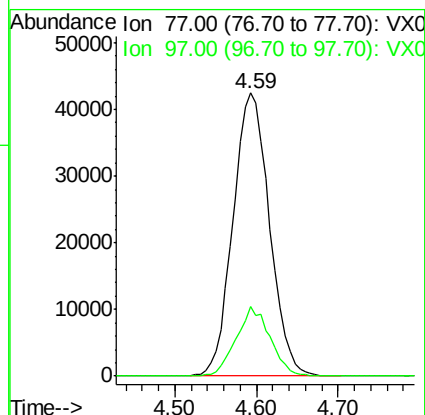
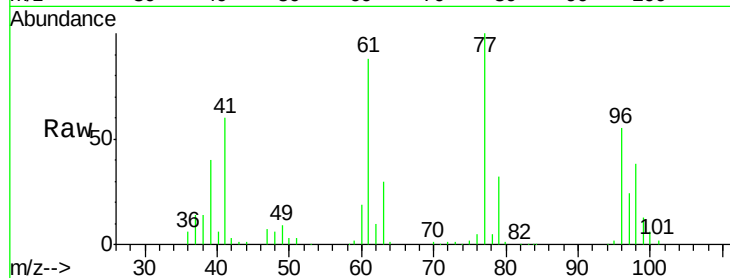
ClientSampleId :

Tot Ion: 77 Resp: 131520

Ion Ratio Lower Upper

77 100

97 22.8 18.6 27.8



#32

1,1,1-Trichloroethane

Concen: 39.793 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

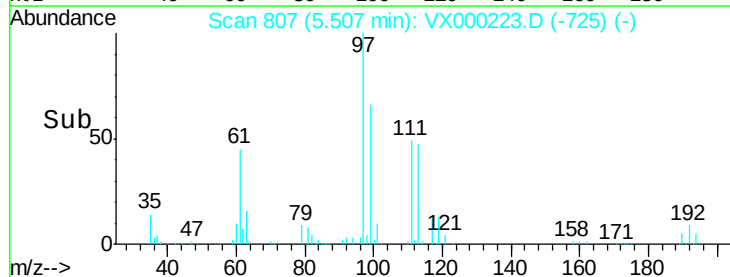
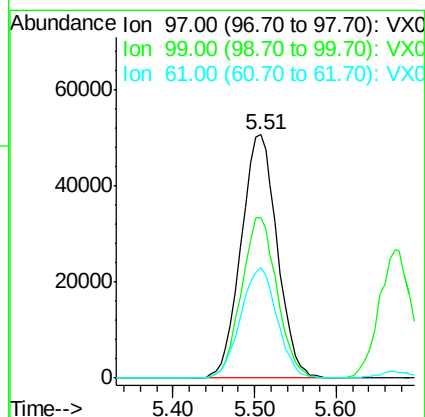
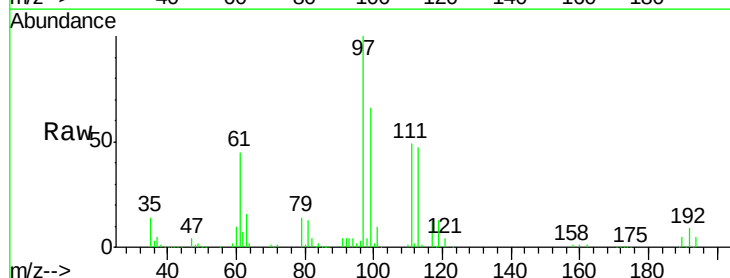
Tgt Ion: 97 Resp: 155951

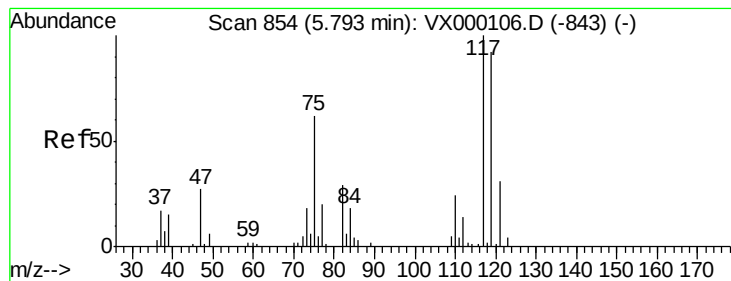
Ion Ratio Lower Upper

97 100

99 64.8 52.3 78.5

61 45.7 34.3 51.5





#33

Carbon Tetrachloride

Concen: 39.040 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

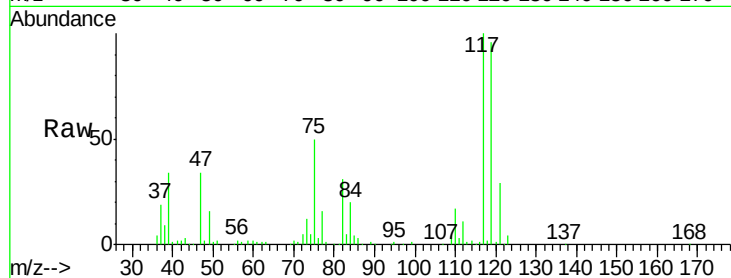
Tot Ion:117 Resp: 135859

Ion Ratio Lower Upper

117 100

119 96.5 73.5 110.3

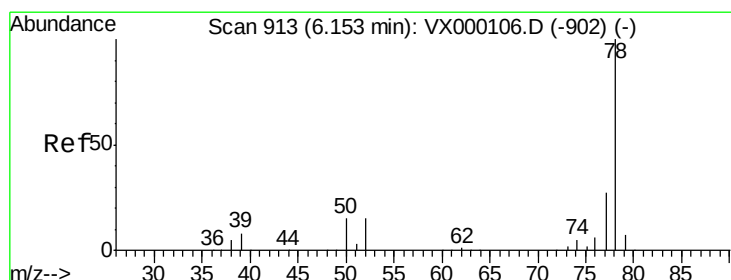
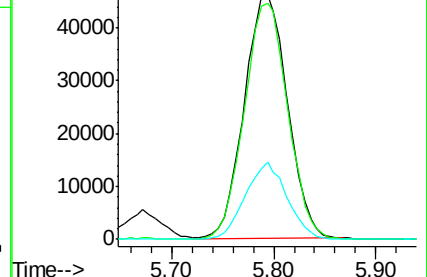
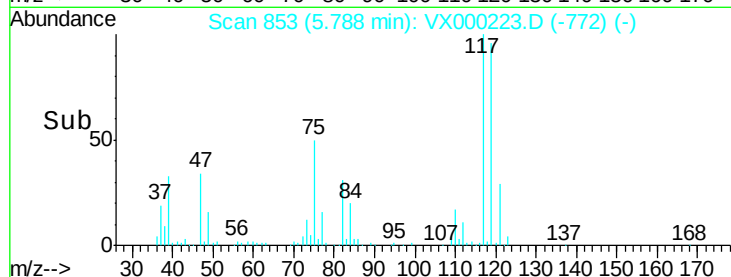
121 29.2 24.6 37.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 40.750 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

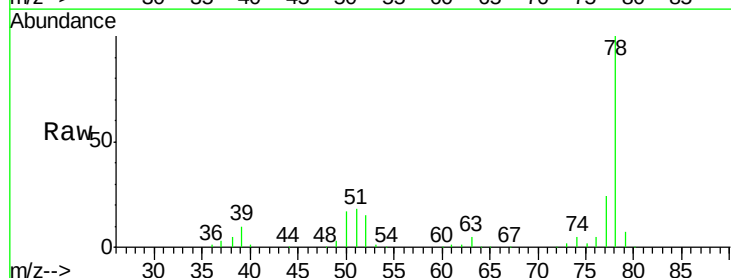
Tgt Ion: 78 Resp: 379791

Ion Ratio Lower Upper

78 100

77 24.1 21.7 32.5

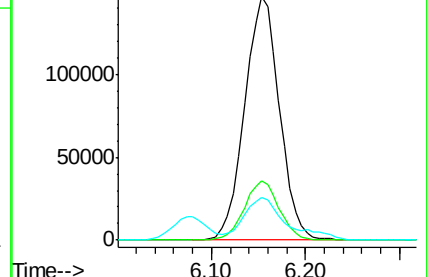
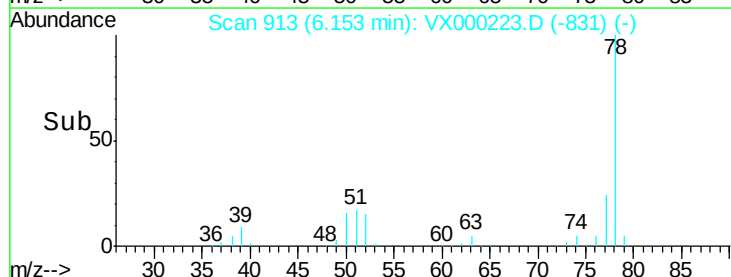
51 16.8 14.9 22.3

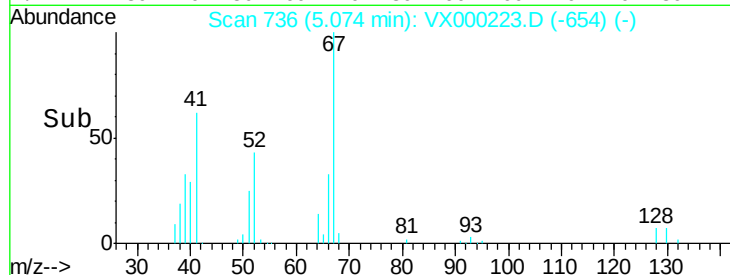
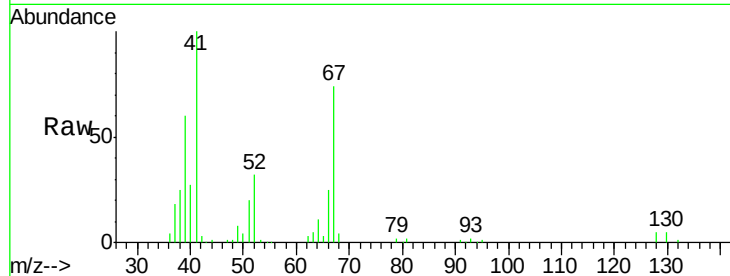
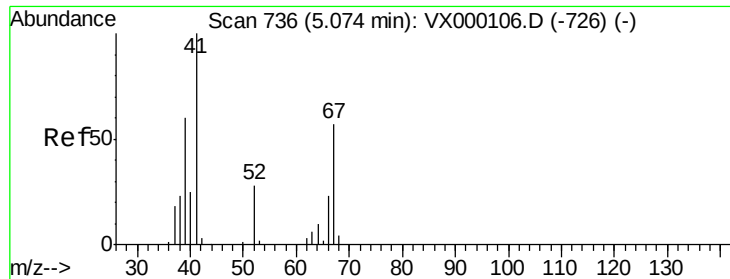


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

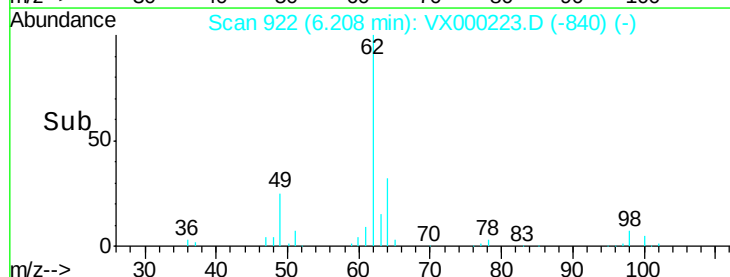
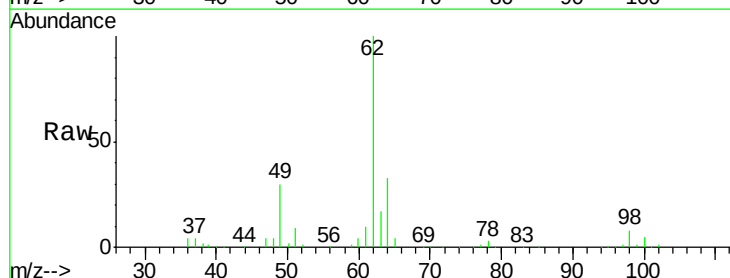
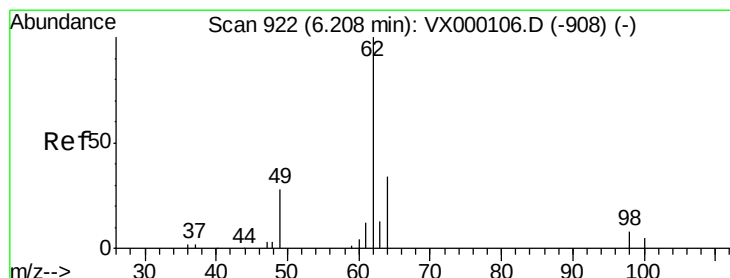
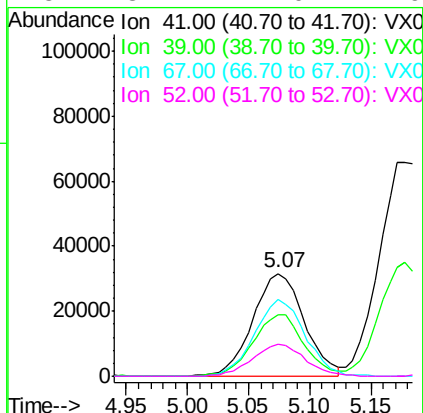
Ion 51.00 (50.70 to 51.70): VX0





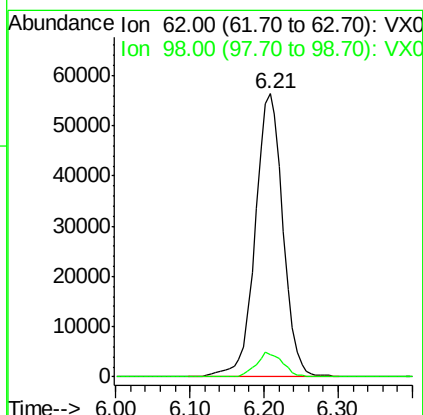
#35
Methacrylonitrile
Concen: 40.307 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

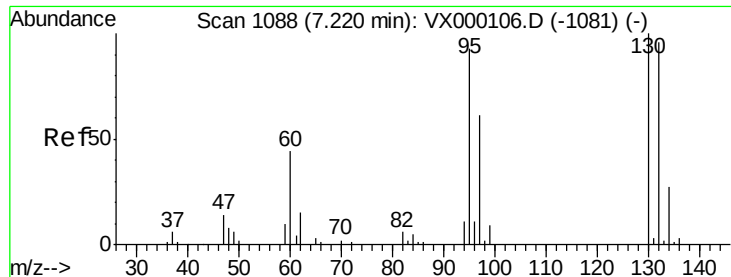
Tot Ion:	41	Resp:	92526
Ion	Ratio	Lower	Upper
41	100		
39	59.4	29.8	89.3
67	74.4	28.7	86.3
52	31.7	14.0	41.9



#36
1,2-Dichloroethane
Concen: 41.670 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:	62	Resp:	147271
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.9	10.3

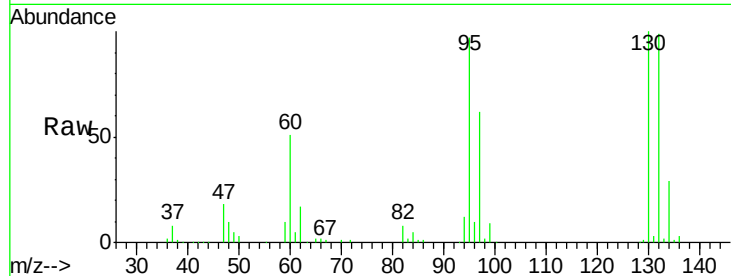




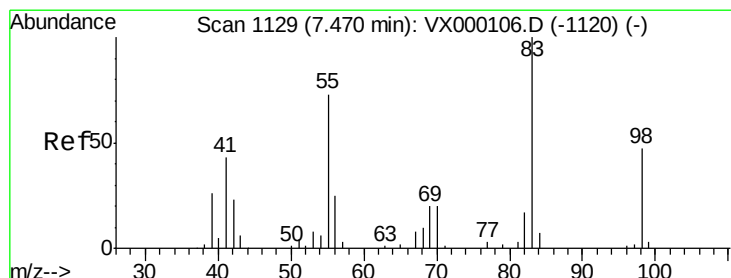
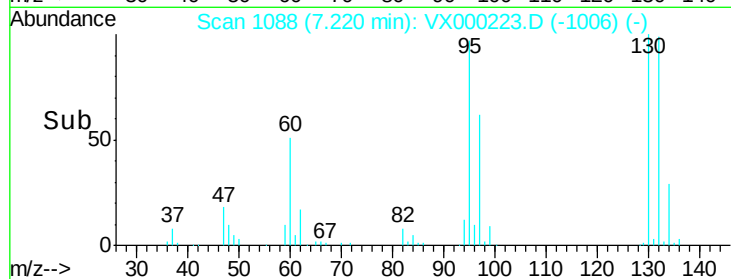
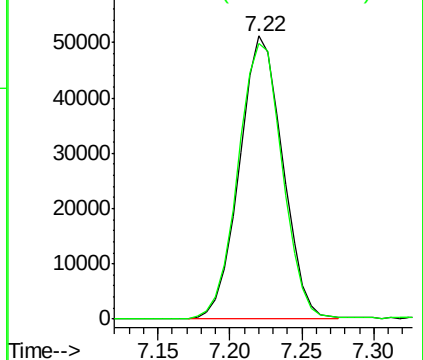
#37
 Trichloroethene
 Concen: 38.855 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 107038
 Ion Ratio Lower Upper
 130 100
 95 97.1 74.6 112.0

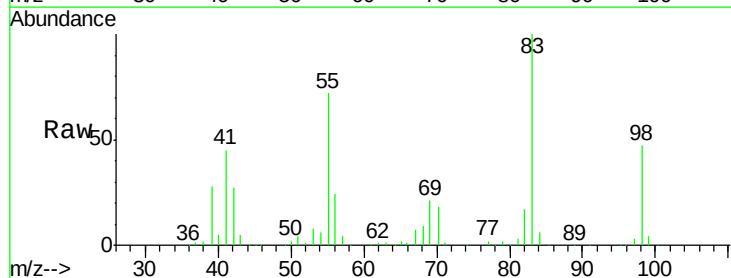


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

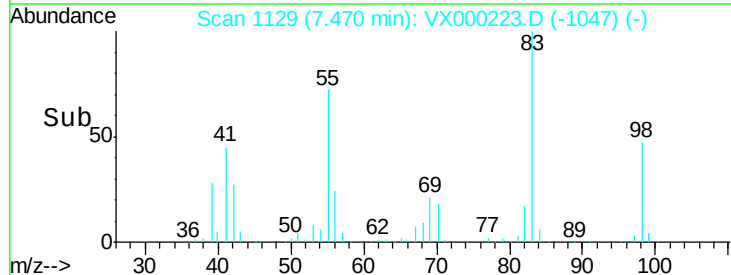
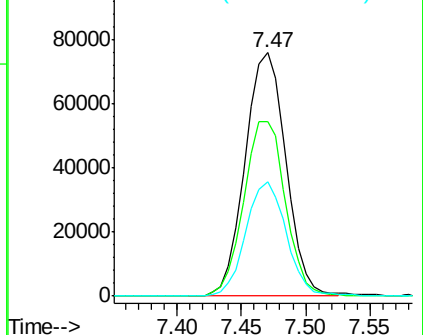


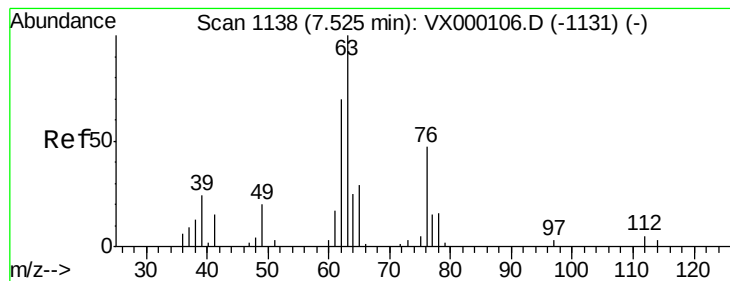
#38
 Methylcyclohexane
 Concen: 42.916 ug/l
 RT: 7.47 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 83 Resp: 166631
 Ion Ratio Lower Upper
 83 100
 55 73.4 35.9 107.7
 98 46.8 24.6 74.0



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





#39

1,2-Dichloropropane

Concen: 41.356 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

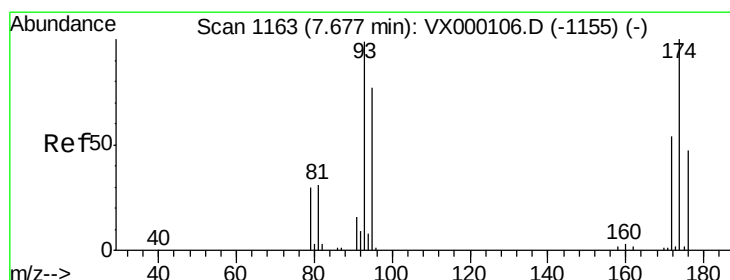
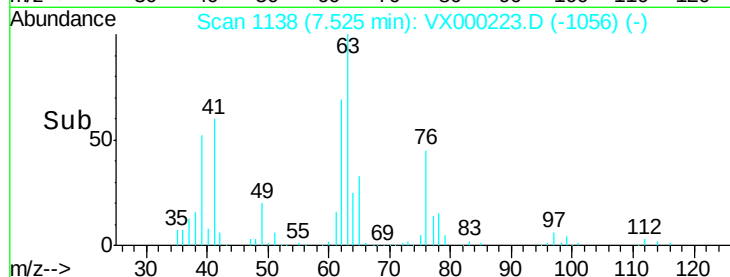
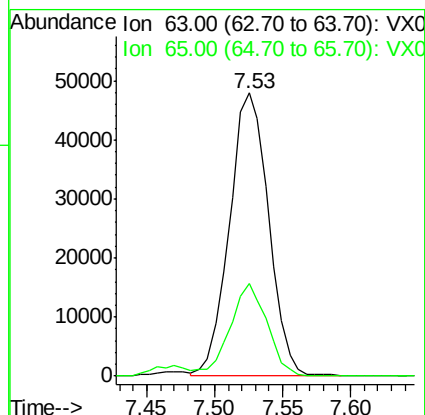
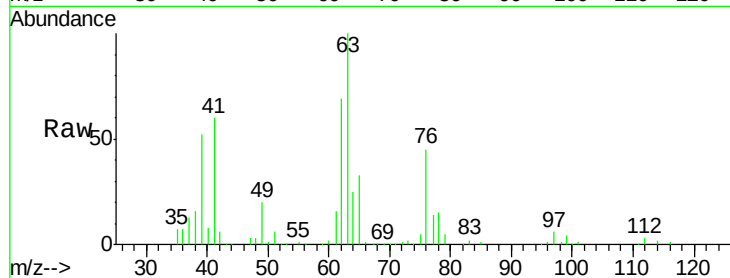
ClientSampled :

Tot Ion: 63 Resp: 96225

Ion Ratio Lower Upper

63 100

65 32.7 25.0 37.6



#40

Dibromomethane

Concen: 41.128 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.01 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

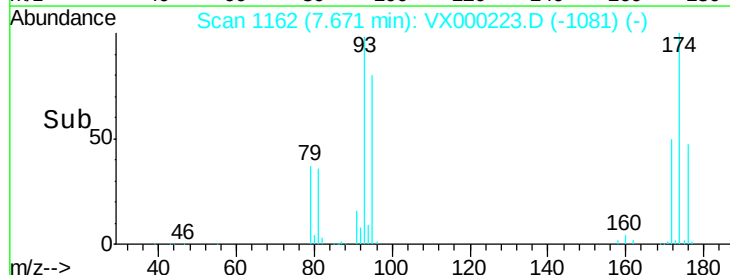
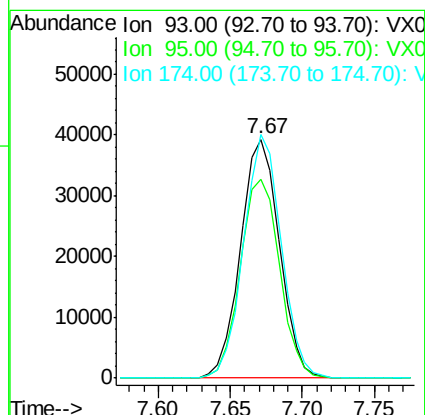
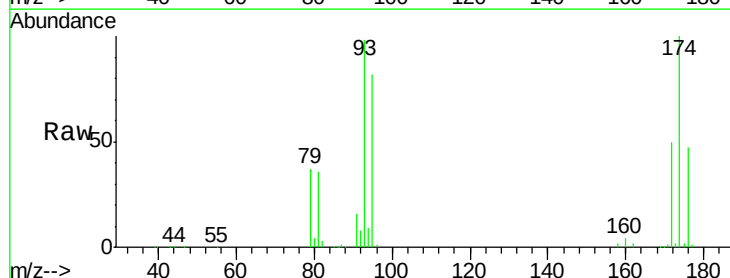
Tgt Ion: 93 Resp: 73730

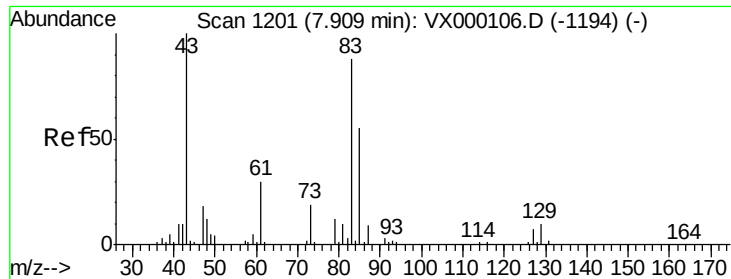
Ion Ratio Lower Upper

93 100

95 84.1 0.0 170.6

174 98.1 0.0 210.4





#41

Bromodichloromethane

Concen: 41.372 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

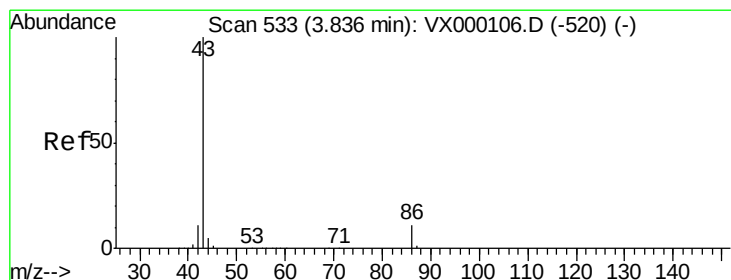
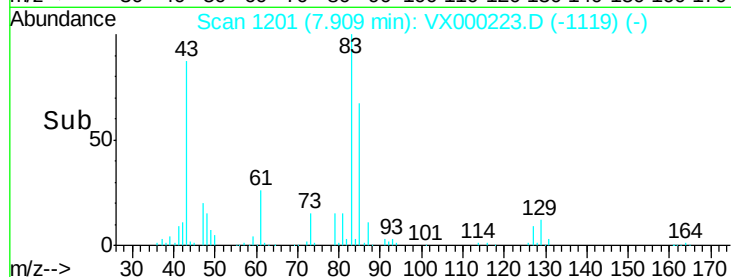
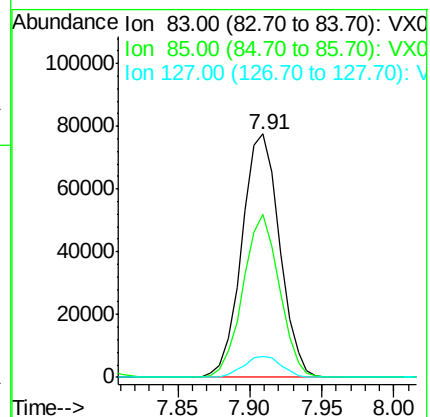
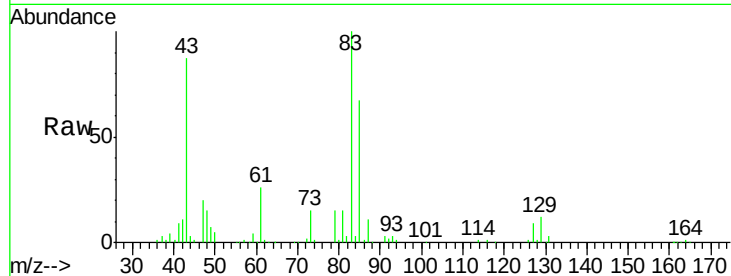
Tot Ion: 83 Resp: 140976

Ion Ratio Lower Upper

83 100

85 66.9 50.0 75.0

127 8.6 6.6 10.0



#42

Vinyl Acetate

Concen: 250.158 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000223.D

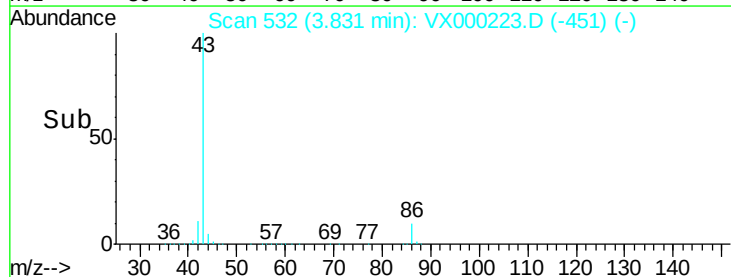
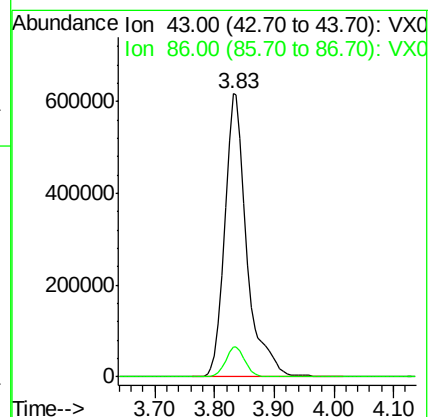
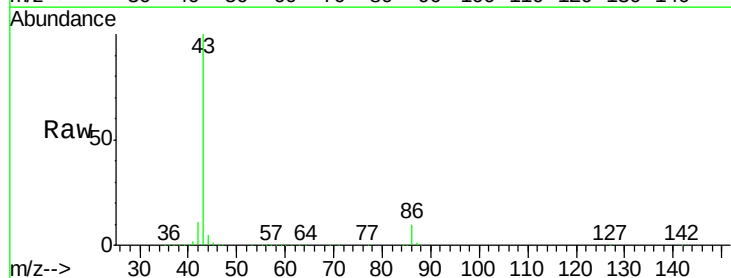
Acq: 08 Mar 2018 15:13

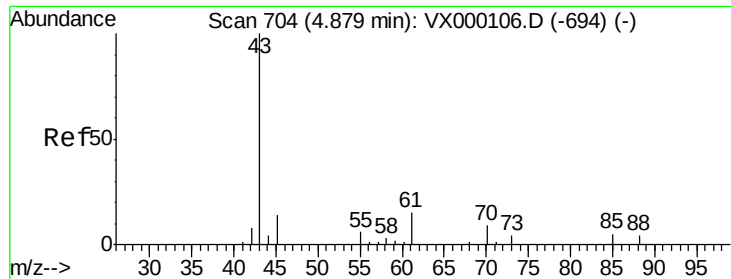
Tgt Ion: 43 Resp: 1589643

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6

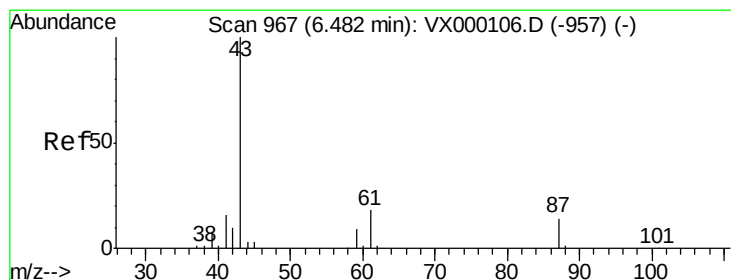
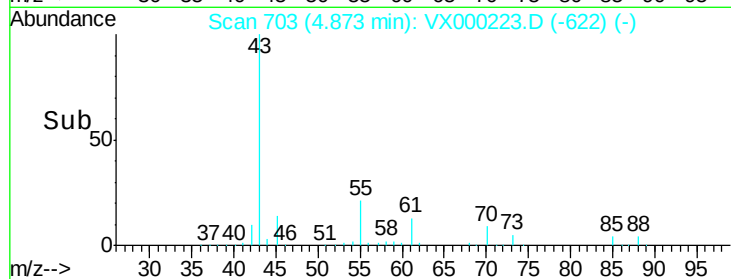
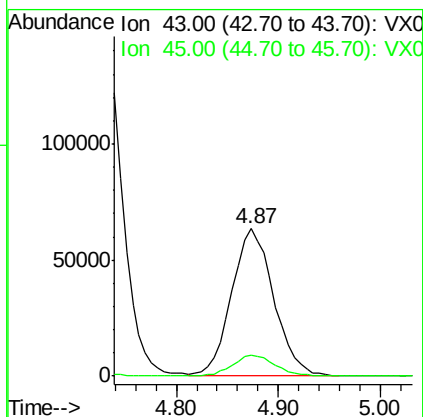
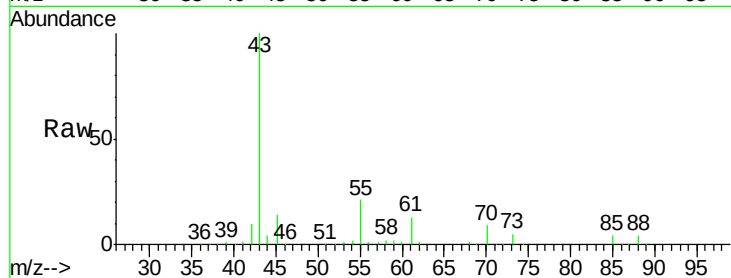




#43
Ethyl Acetate
Concen: 41.671 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

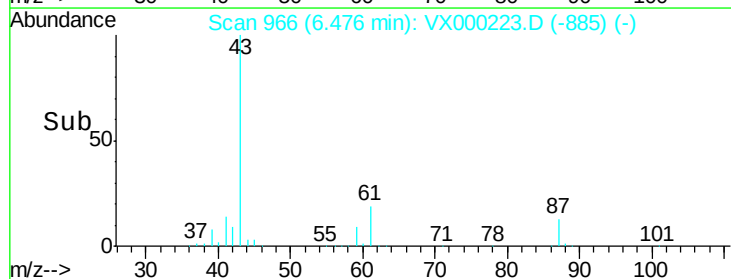
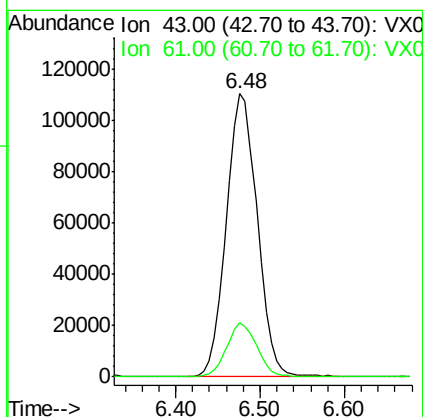
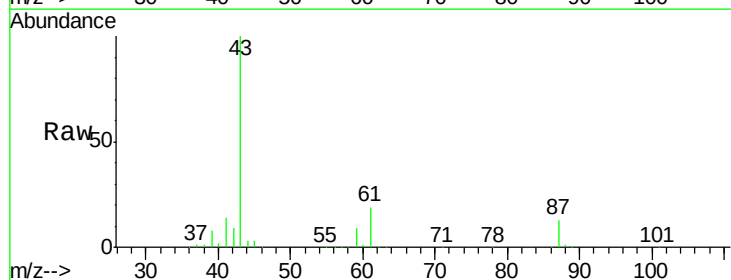
Instrument :
MSVOA_X
ClientSampleId :

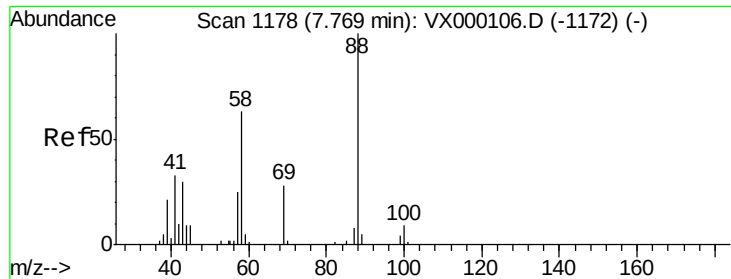
Tot Ion: 43 Resp: 182481
Ion Ratio Lower Upper
43 100
45 14.3 11.4 17.0



#44
Isopropyl Acetate
Concen: 42.870 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 43 Resp: 275451
Ion Ratio Lower Upper
43 100
61 18.6 15.7 23.5

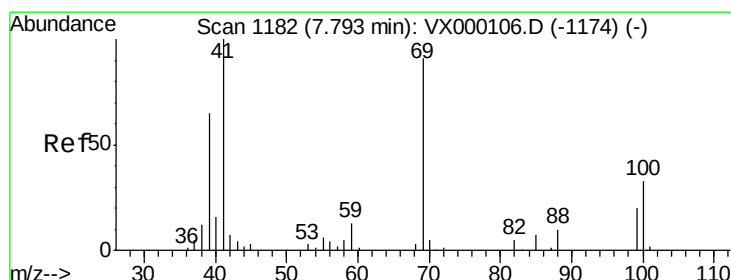
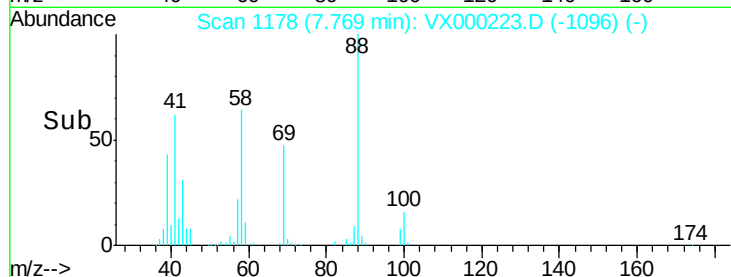
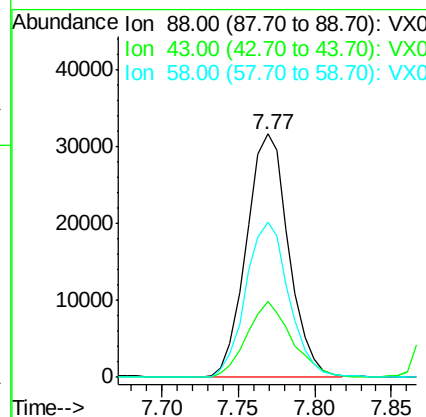
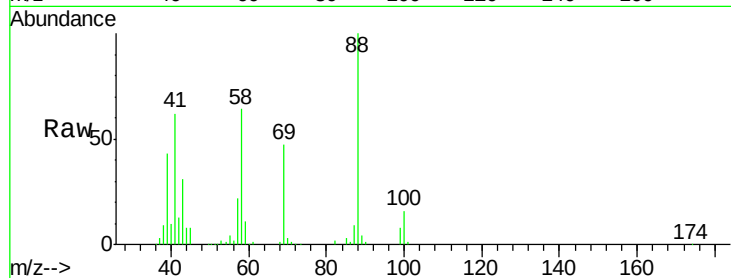




#45
 1,4-Dioxane
 Concen: 752.549 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

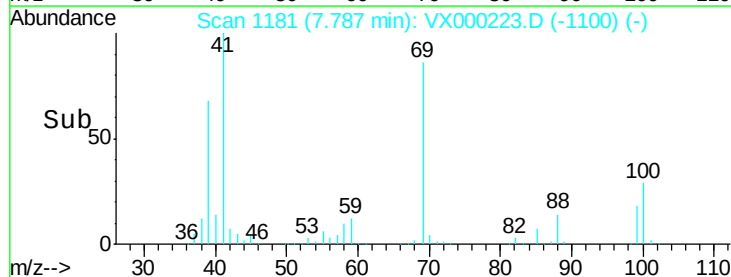
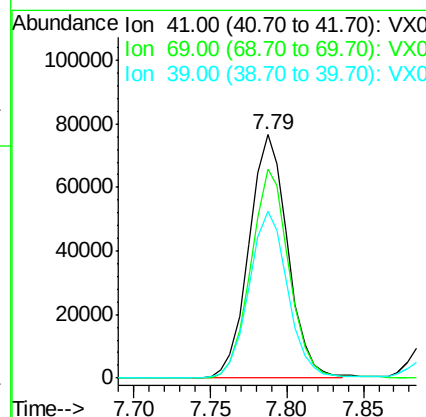
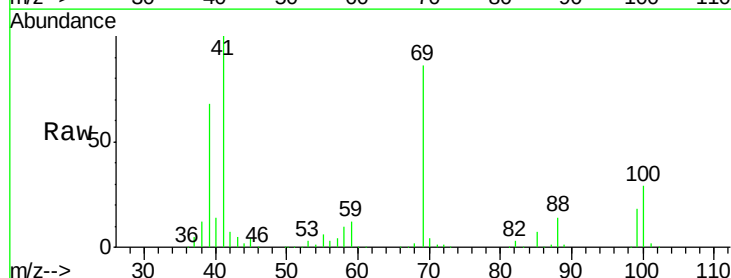
Instrument :
 MSVOA_X
 ClientSampleId :

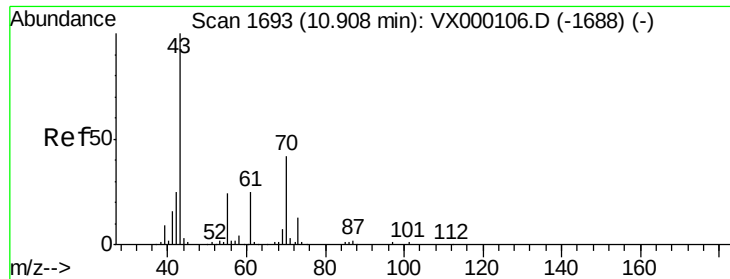
Tot Ion: 88 Resp: 60812
 Ion Ratio Lower Upper
 88 100
 43 33.3 26.8 40.2
 58 64.9 52.1 78.1



#46
 Methyl methacrylate
 Concen: 43.209 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 41 Resp: 135034
 Ion Ratio Lower Upper
 41 100
 69 86.1 45.5 136.5
 39 68.1 32.5 97.5





#47

n-amvl Acetate

Concen: 48.548 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

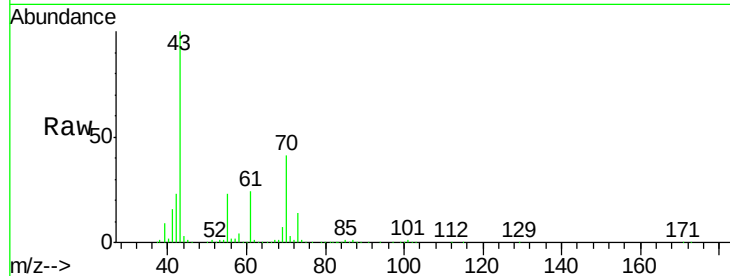
ClientSampled :

Tot Ion: 43 Resp: 272329

Ion Ratio Lower Upper

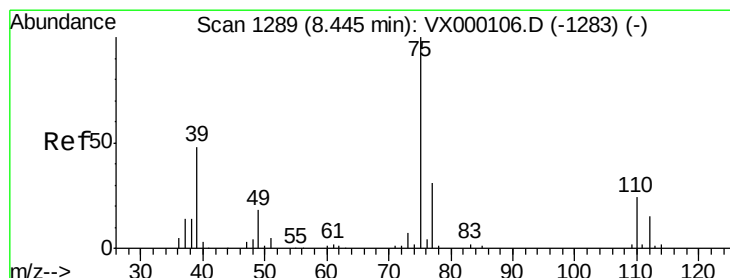
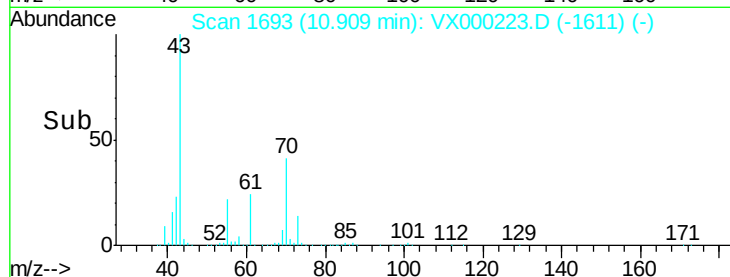
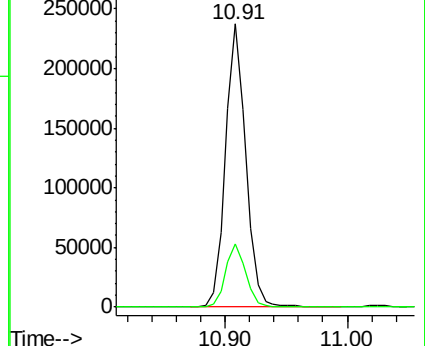
43 100

55 22.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 42.036 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000223.D

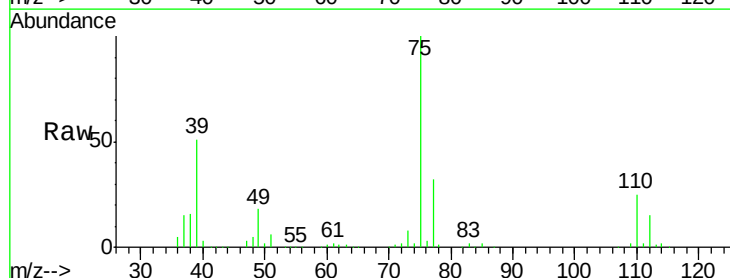
Acq: 08 Mar 2018 15:13

Tgt Ion: 75 Resp: 166748

Ion Ratio Lower Upper

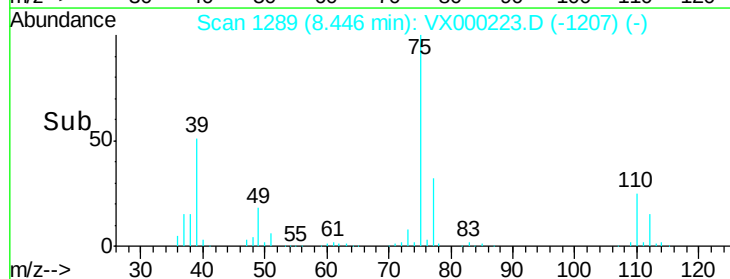
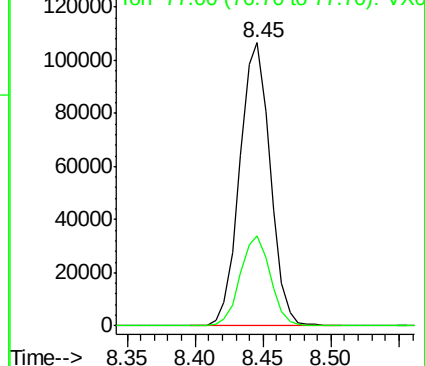
75 100

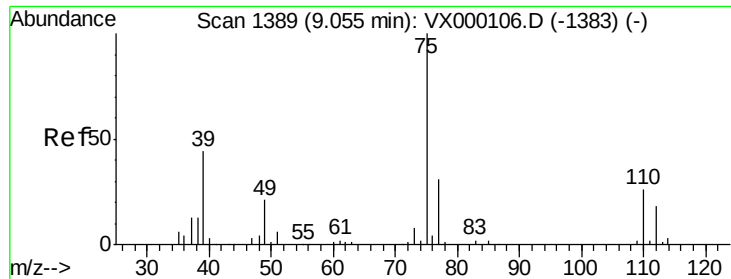
77 31.9 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



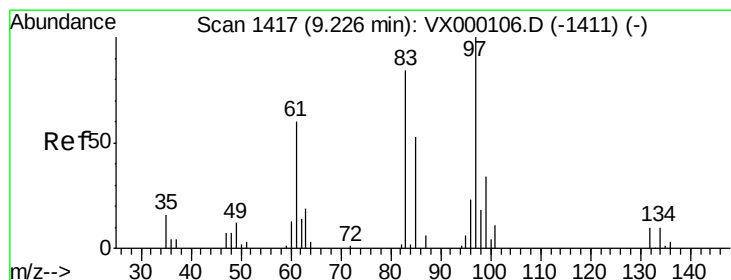
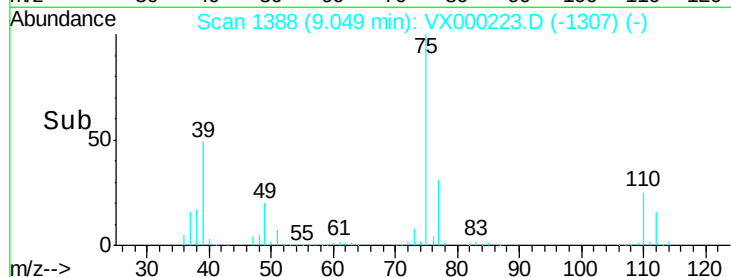
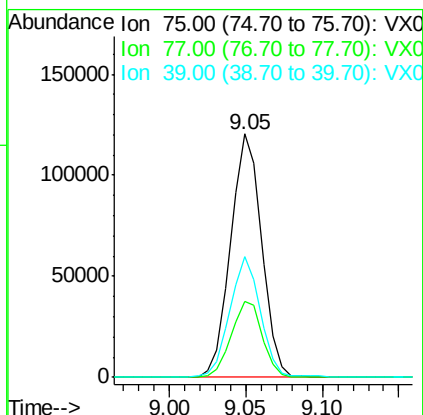
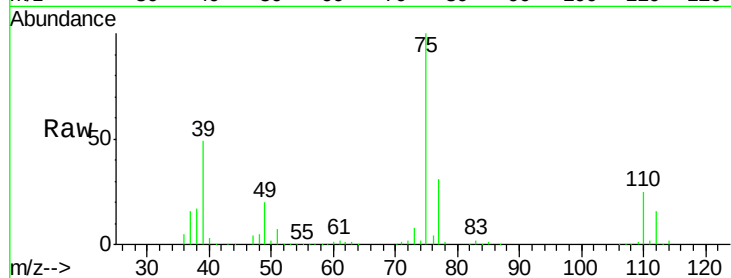


#49

cis-1,3-Dichloropropene
Concen: 43.899 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :

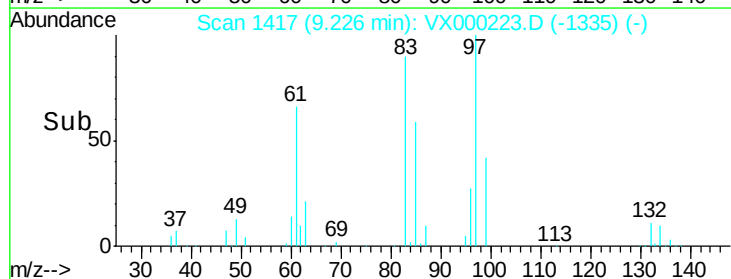
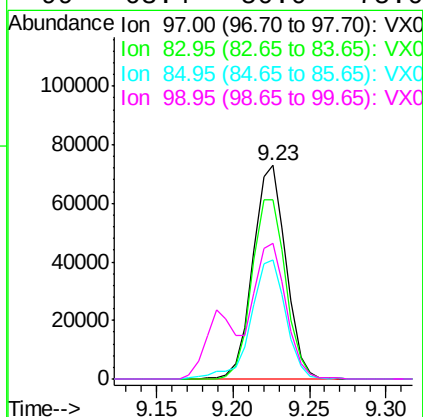
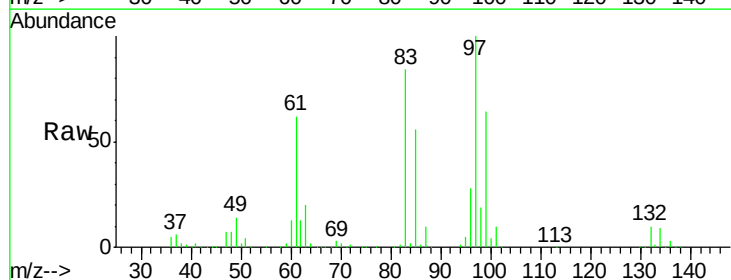
Tot Ion: 75 Resp: 169463
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7
39 49.2 35.6 53.4

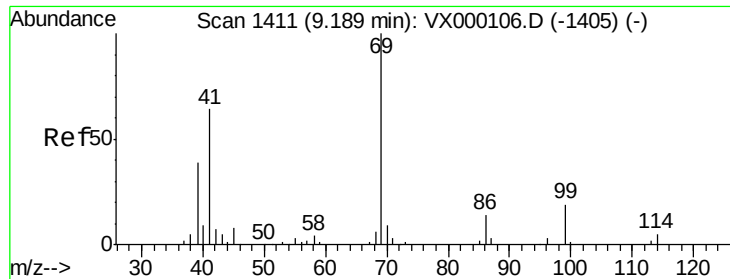


#50

1,1,2-Trichloroethane
Concen: 41.694 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 97 Resp: 109749
Ion Ratio Lower Upper
97 100
83 84.0 66.9 100.3
85 55.6 44.4 66.6
99 63.4 50.0 75.0





#51

Ethyl methacrylate

Concen: 43.737 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

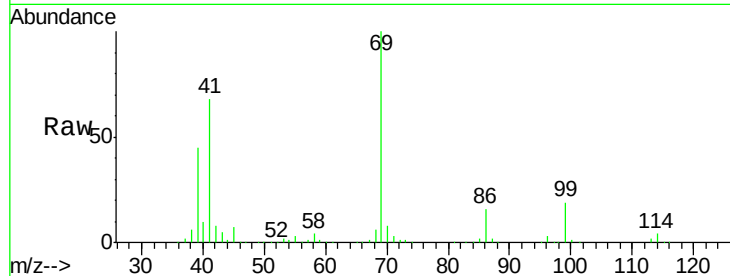
Tot Ion: 69 Resp: 176385

Ion Ratio Lower Upper

69 100

41 67.6 32.1 96.3

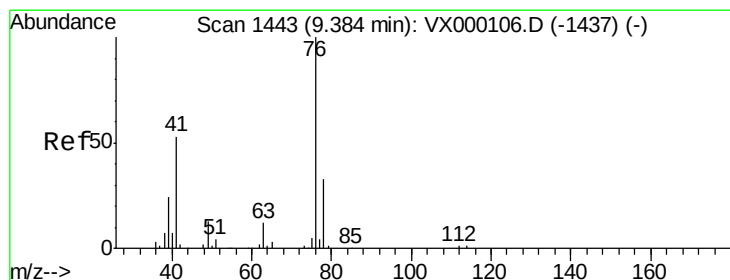
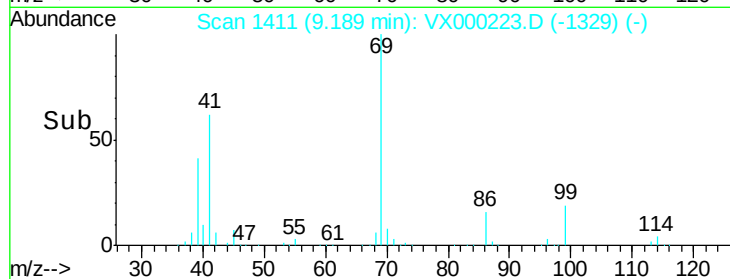
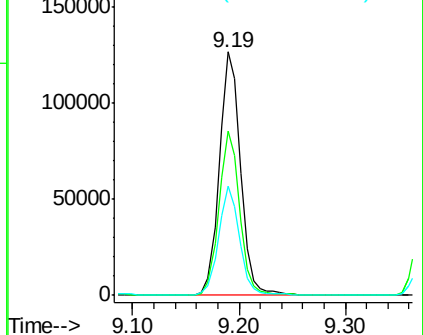
39 44.7 19.6 58.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 42.526 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VX000223.D

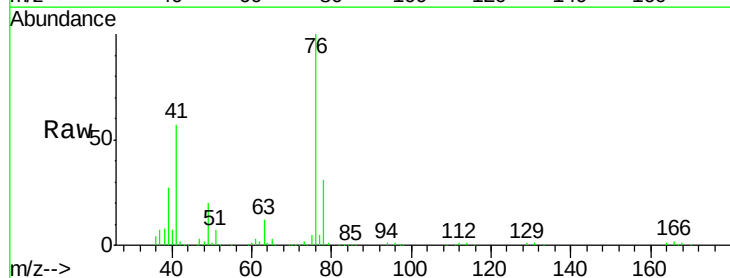
Acq: 08 Mar 2018 15:13

Tgt Ion: 76 Resp: 179543

Ion Ratio Lower Upper

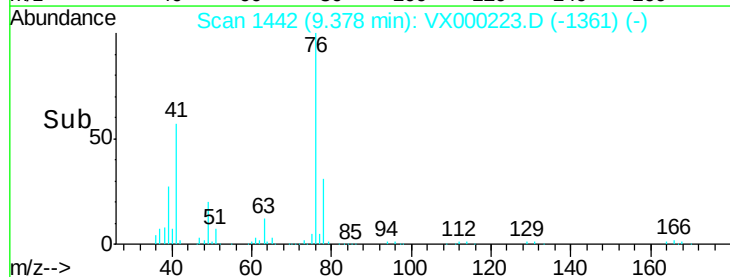
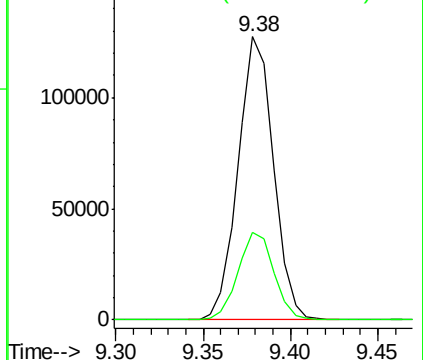
76 100

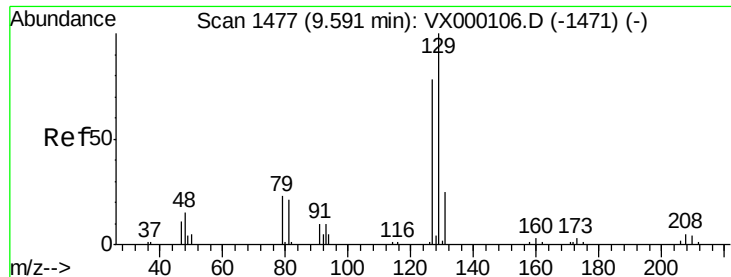
78 31.4 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

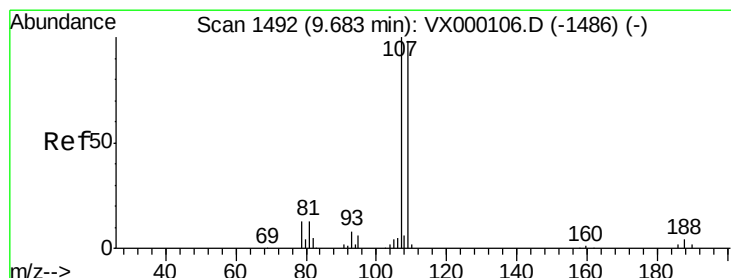
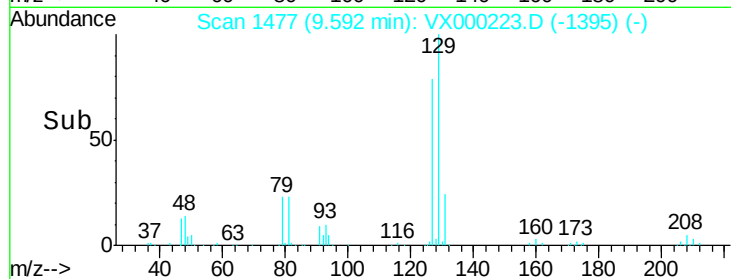
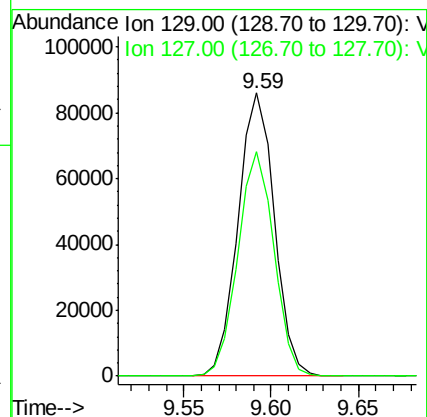
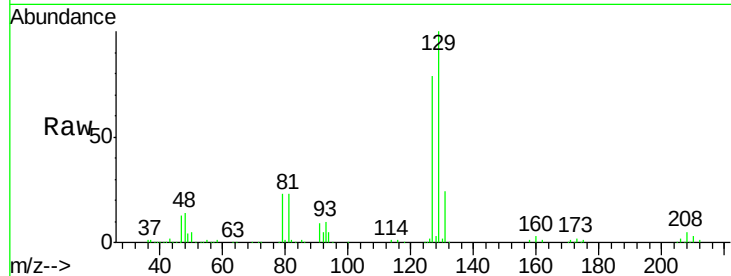




#53
 Dibromochloromethane
 Concen: 42.581 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

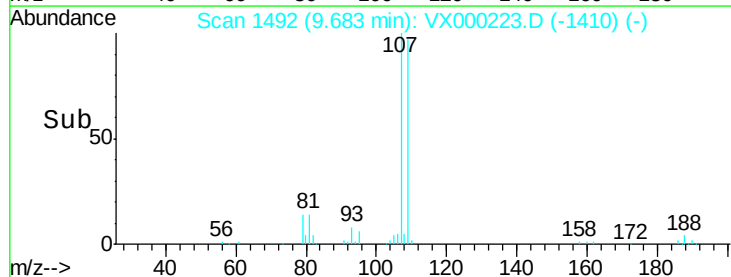
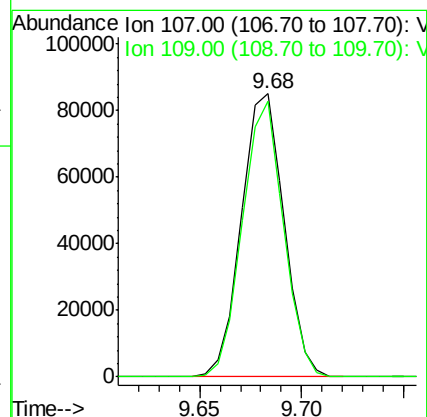
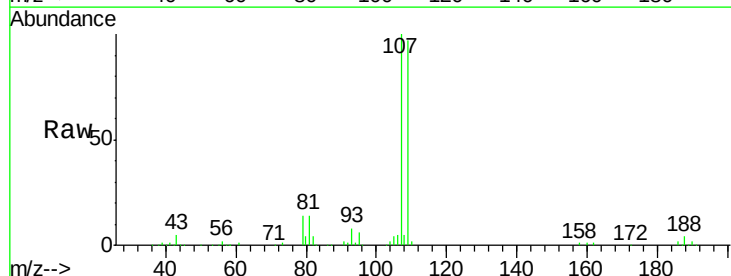
Instrument :
 MSVOA_X
 ClientSampleId :

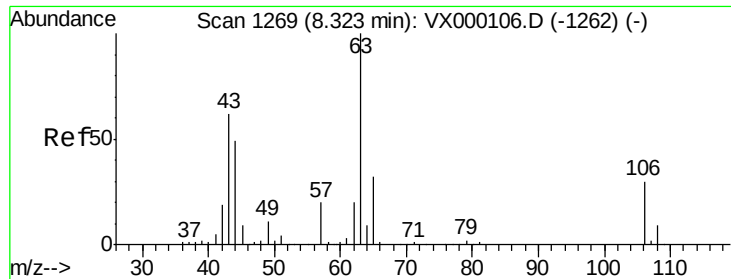
Tot Ion:129 Resp: 124705
 Ion Ratio Lower Upper
 129 100
 127 78.6 37.5 112.5



#54
 1,2-Dibromoethane
 Concen: 42.081 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion:107 Resp: 123457
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.5 111.7

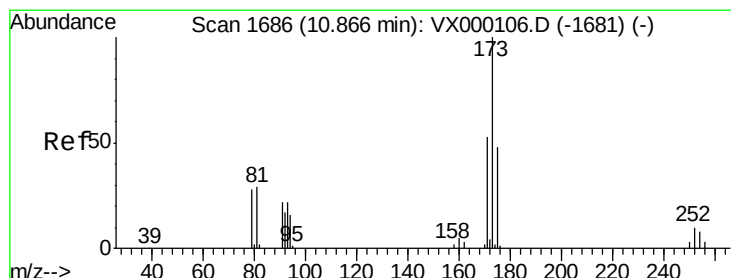
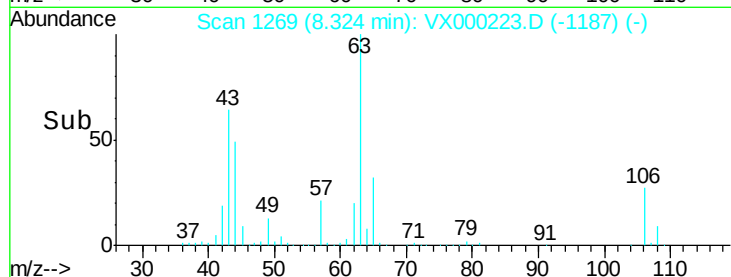
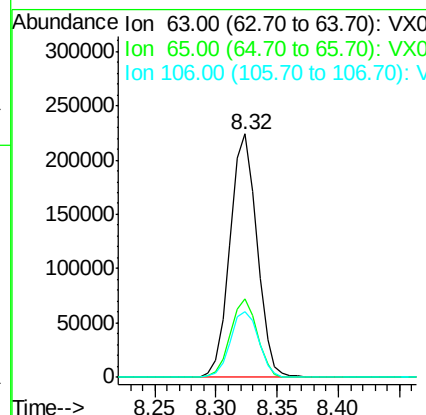
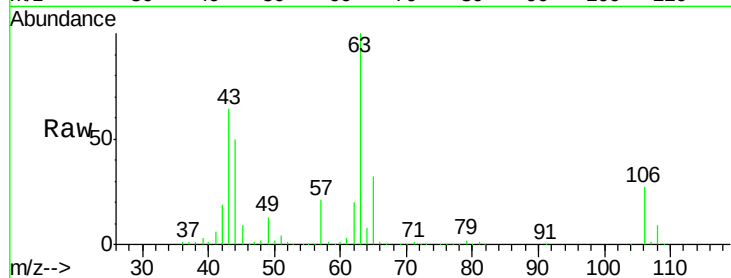




#55
2-Chloroethyl vinyl ether
Concen: 194.831 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

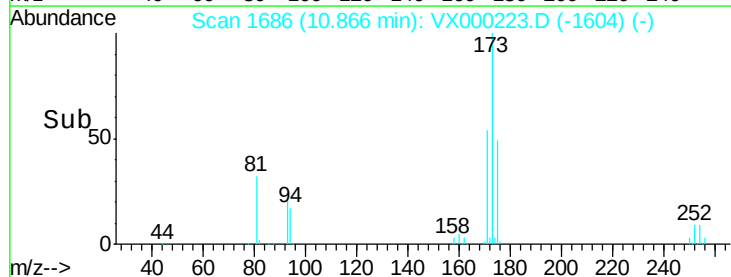
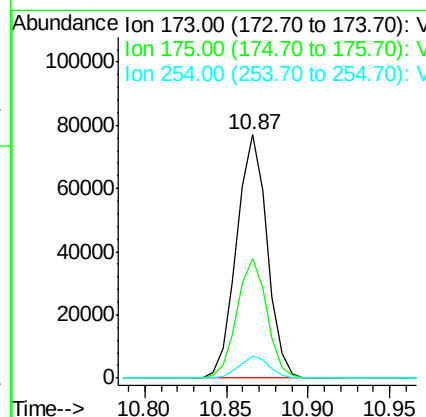
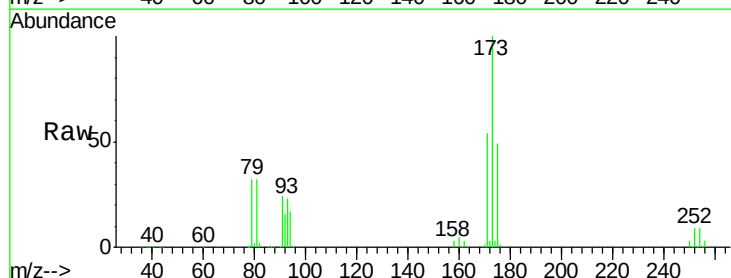
Instrument :
MSVOA_X
ClientSampled :

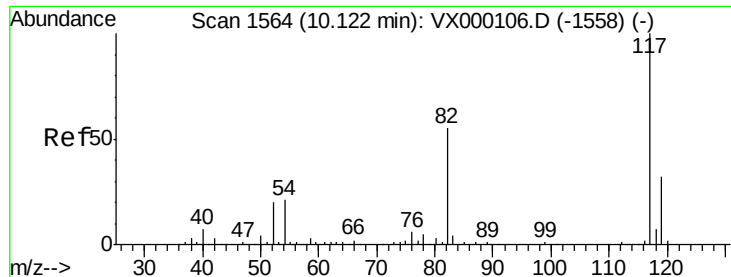
Tot Ion: 63 Resp: 343086
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.8
106 28.1 23.8 35.6



#56
Bromoform
Concen: 42.240 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 173 Resp: 100186
Ion Ratio Lower Upper
173 100
175 48.2 39.0 58.4
254 8.9 7.0 10.4

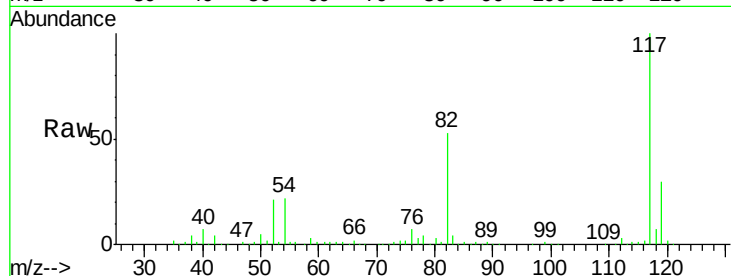




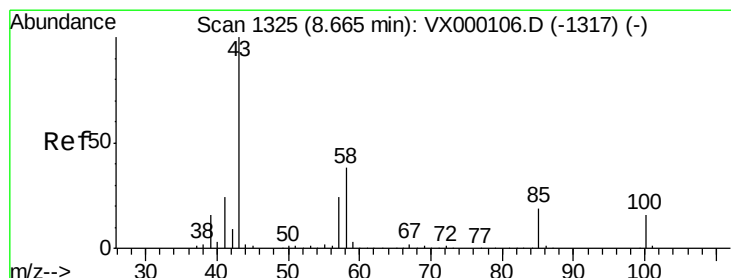
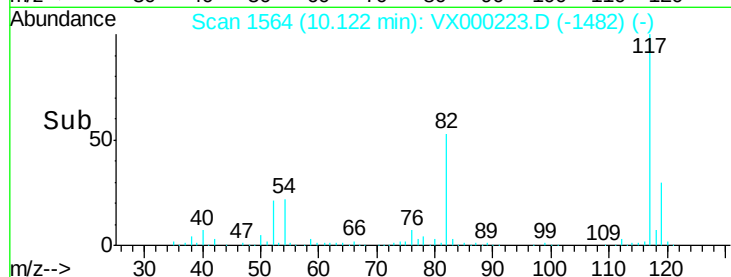
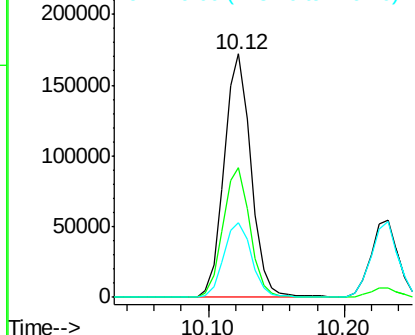
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 236246
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.6 25.8 38.8

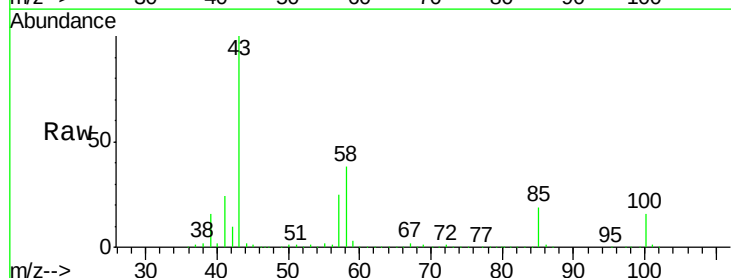


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

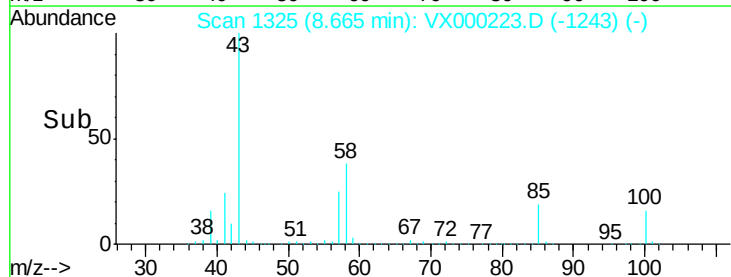
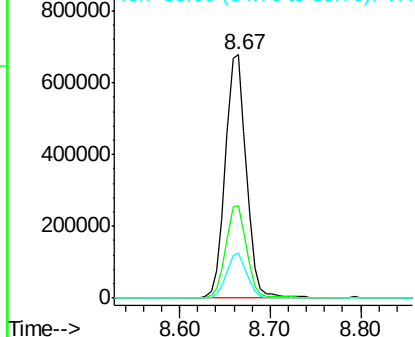


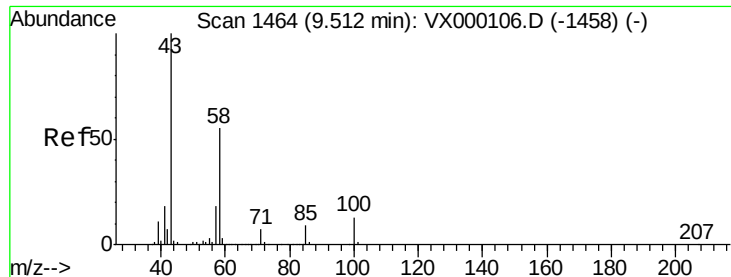
#58
4-Methyl-2-Pentanone
Concen: 211.304 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 43 Resp: 1093418
Ion Ratio Lower Upper
43 100
58 37.7 29.8 44.8
85 17.8 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

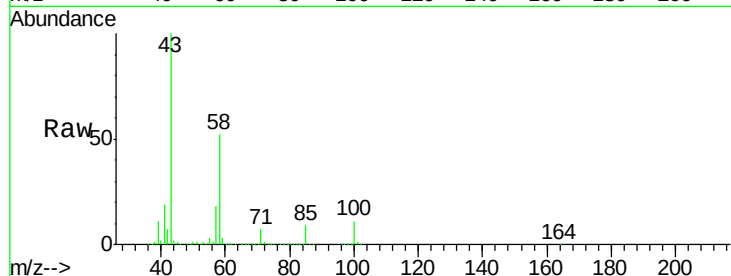




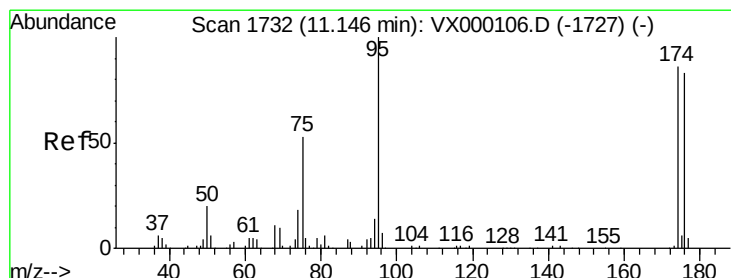
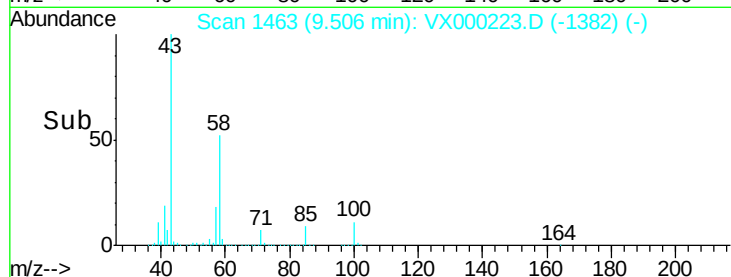
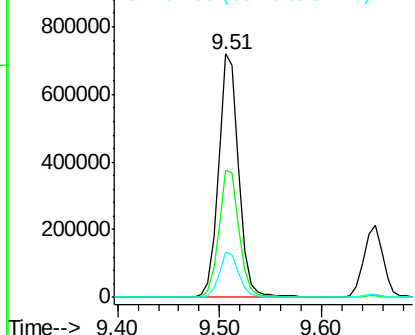
#59
2-Hexanone
Concen: 227.299 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 995969
Ion Ratio Lower Upper
43 100
58 52.6 43.0 64.6
57 18.3 14.4 21.6

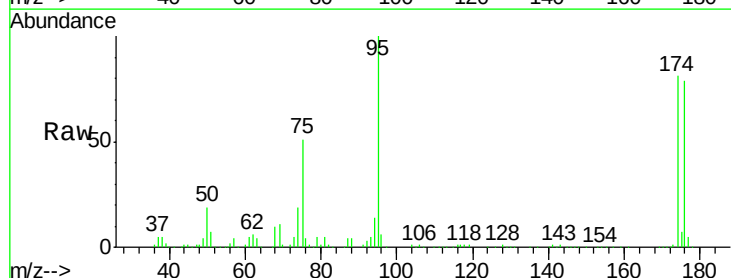


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

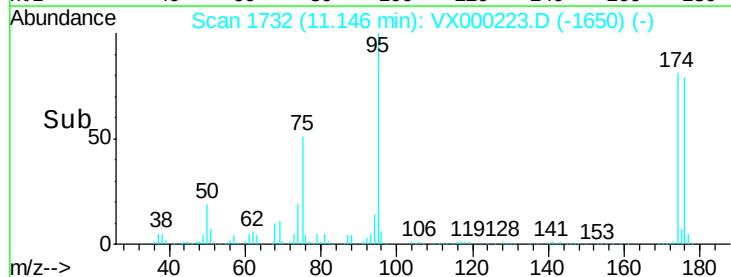
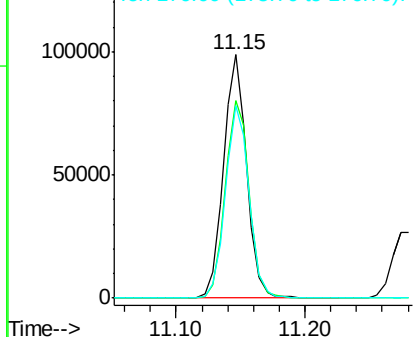


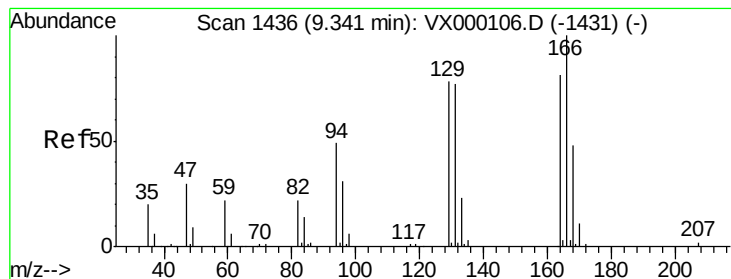
#60
4-Bromofluorobenzene
Concen: 32.319 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 95 Resp: 124909
Ion Ratio Lower Upper
95 100
174 84.0 71.1 106.7
176 81.0 69.3 103.9



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 36.756 ug/l

RT: 9.34 min Scan# 1436

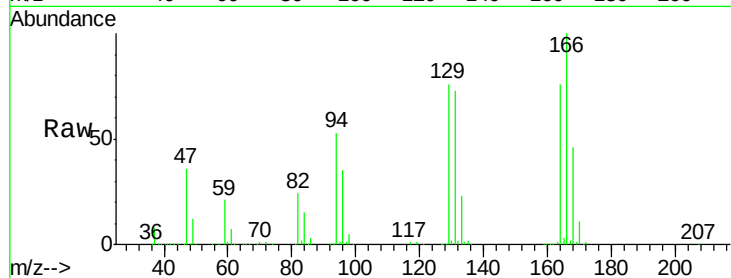
Delta R.T. 0.00 min

Lab File: VX000223.D

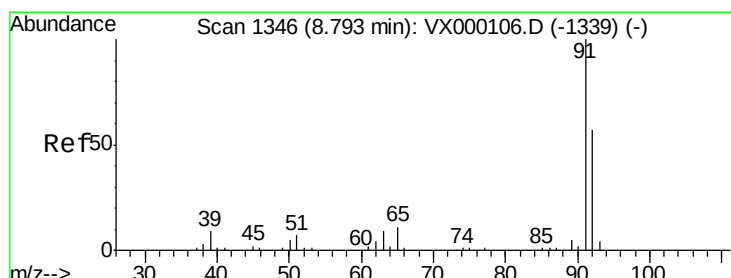
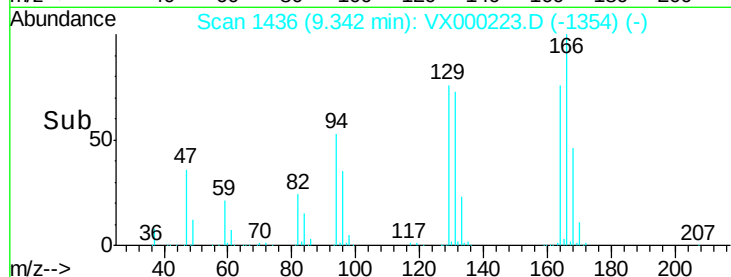
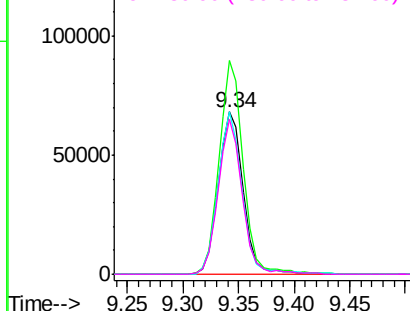
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	164	Resp:	105437
Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.0	148.4
129	100.3	77.0	115.6
131	95.6	75.8	113.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 38.975 ug/l

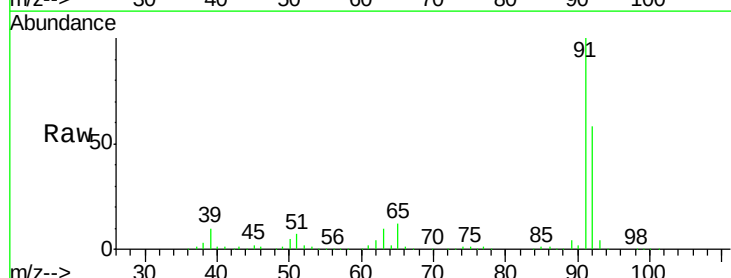
RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

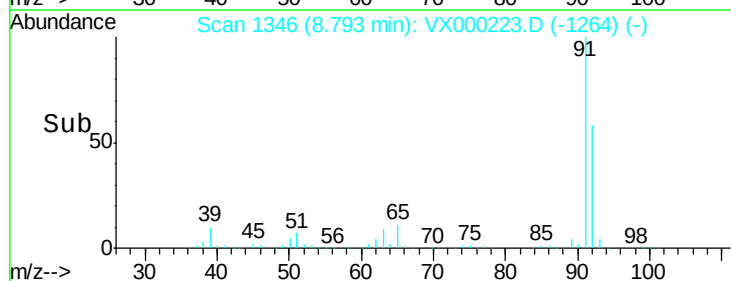
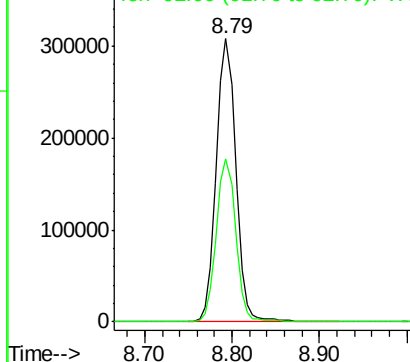
Lab File: VX000223.D

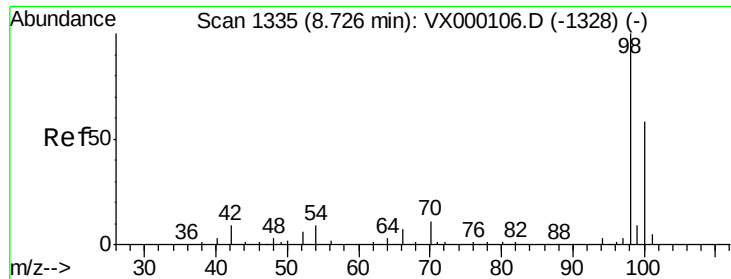
Acq: 08 Mar 2018 15:13

Tgt Ion:	91	Resp:	479071
Ion	Ratio	Lower	Upper
91	100		
92	57.5	45.4	68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

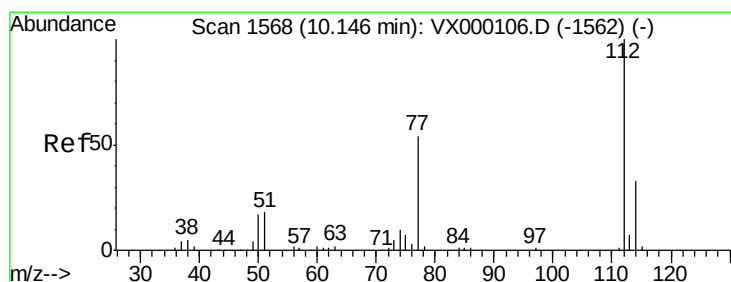
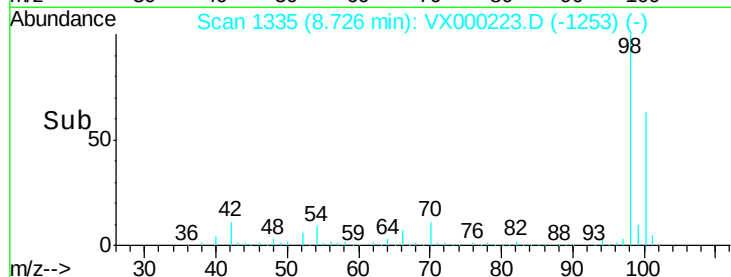
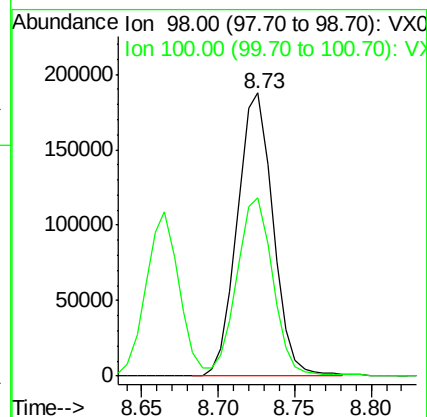
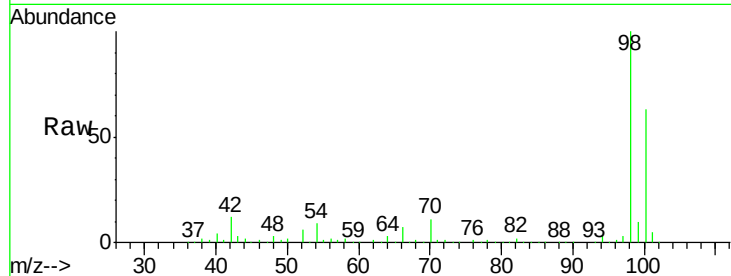




#63
Toluene-d8
Concen: 30.229 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

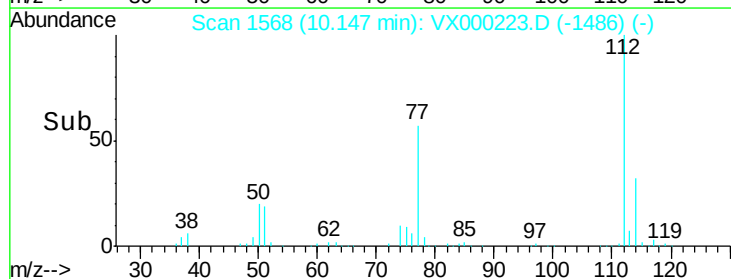
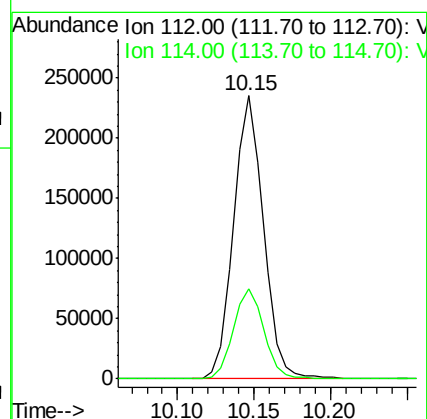
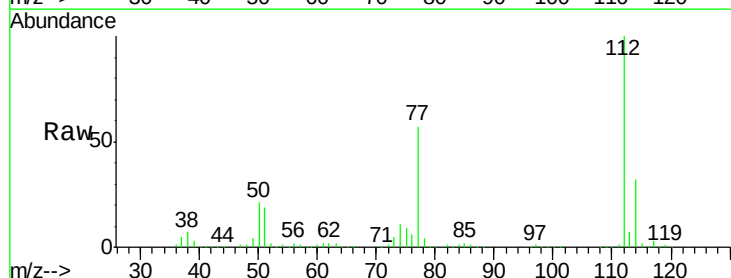
Instrument :
MSVOA_X
ClientSampleId :

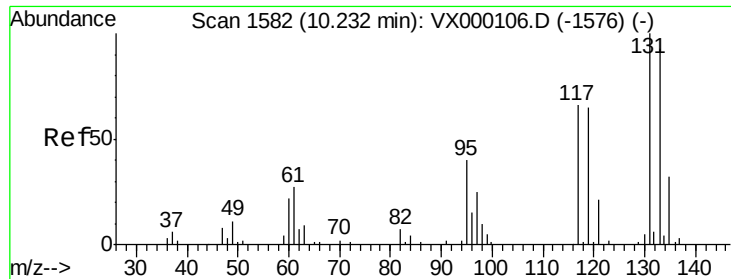
Tot Ion: 98 Resp: 305902
Ion Ratio Lower Upper
98 100
100 61.7 50.0 75.0



#64
Chlorobenzene
Concen: 38.299 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 112 Resp: 318119
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6





#65

1,1,1,2-Tetrachloroethane

Concen: 37.764 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

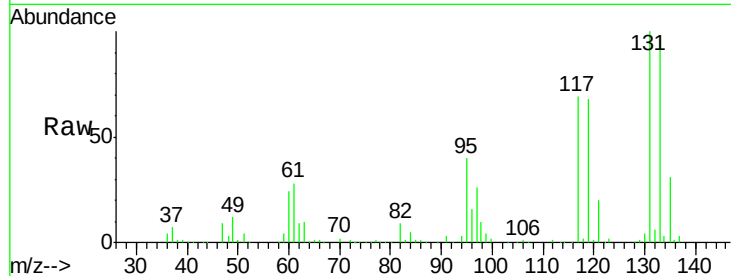
Tot Ion:131 Resp: 111106

Ion Ratio Lower Upper

131 100

133 96.4 0.0 187.6

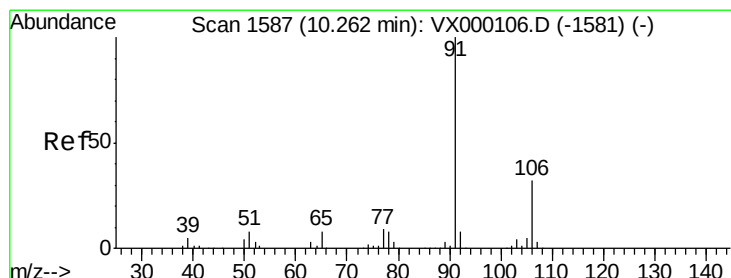
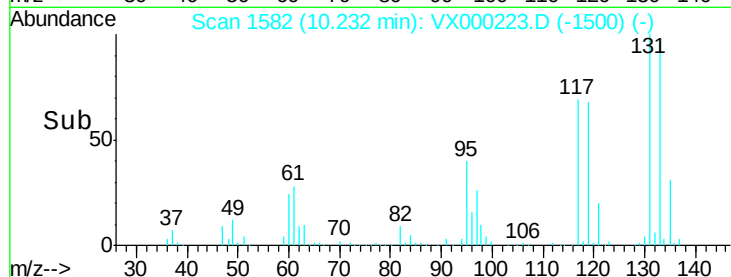
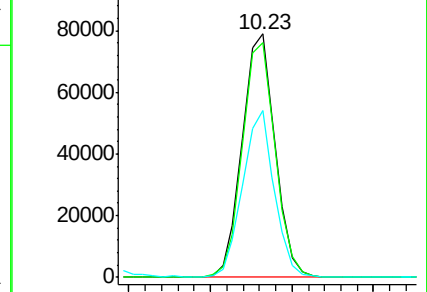
119 66.0 0.0 134.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 39.723 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000223.D

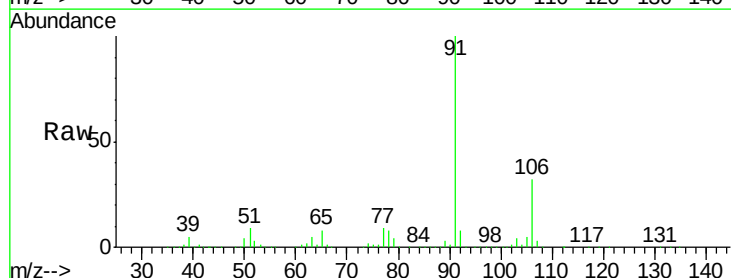
Acq: 08 Mar 2018 15:13

Tgt Ion: 91 Resp: 557324

Ion Ratio Lower Upper

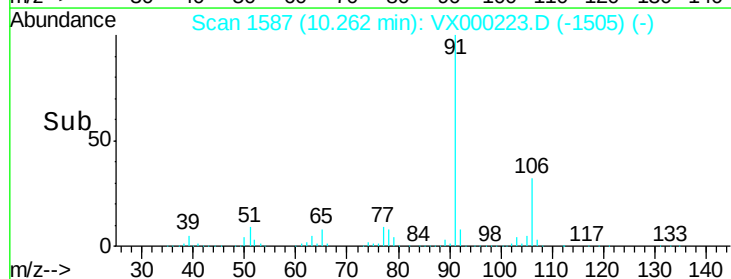
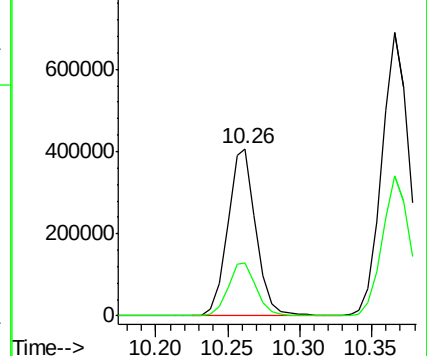
91 100

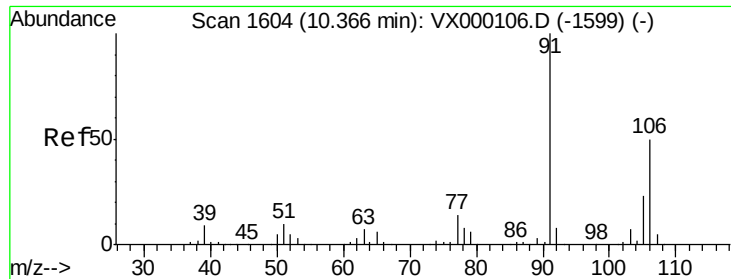
106 31.6 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

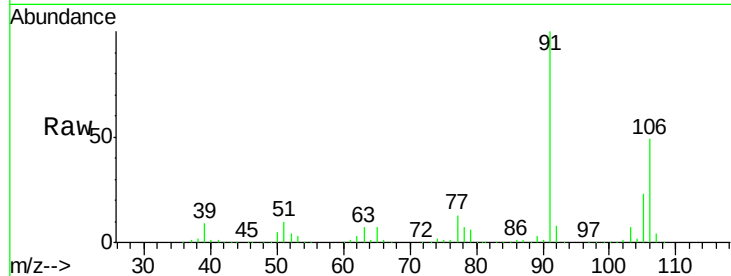




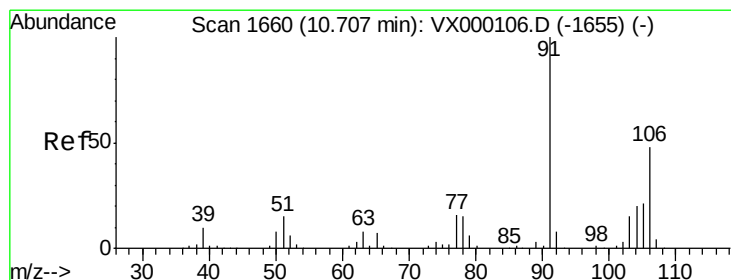
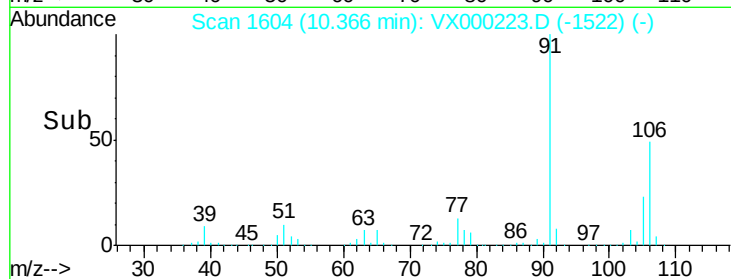
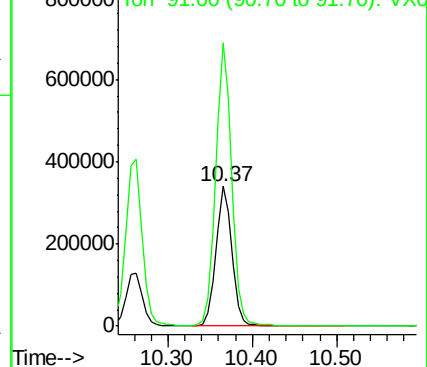
#67
m/p-Xylenes
Concen: 81.830 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 450081
Ion Ratio Lower Upper
106 100
91 202.1 161.6 242.4

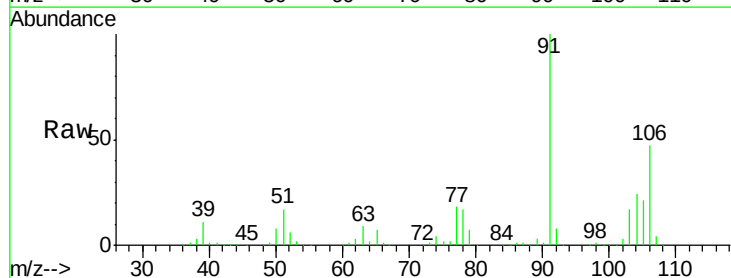


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

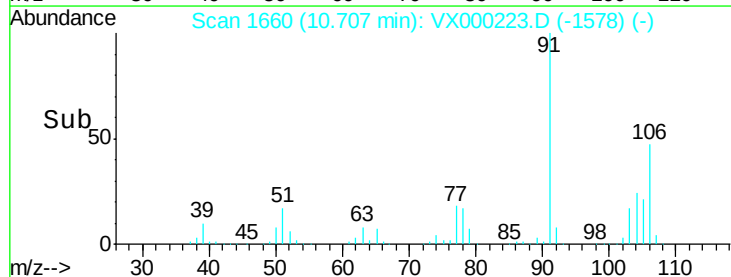
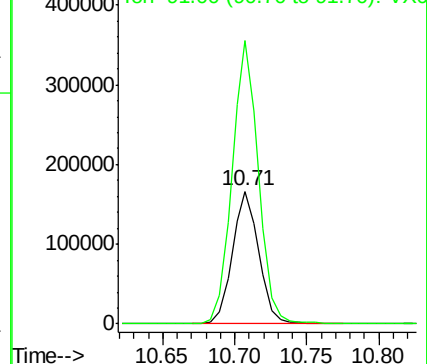


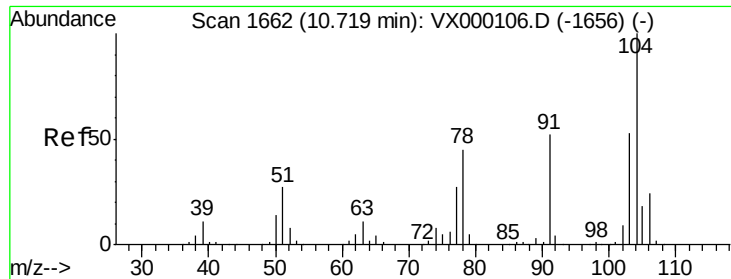
#68
o-Xylene
Concen: 40.282 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:106 Resp: 215202
Ion Ratio Lower Upper
106 100
91 211.3 105.6 316.8



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

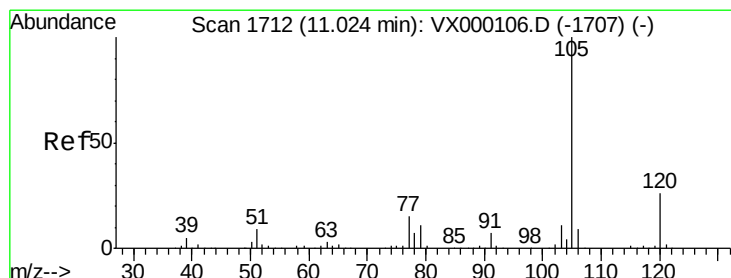
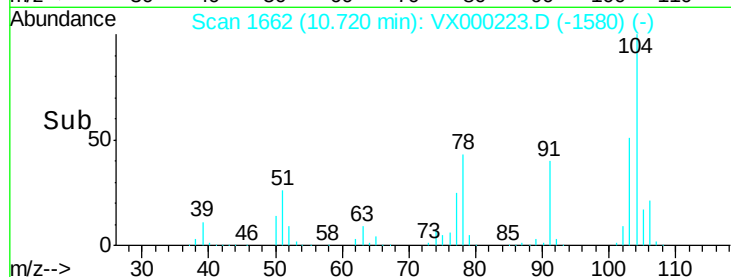
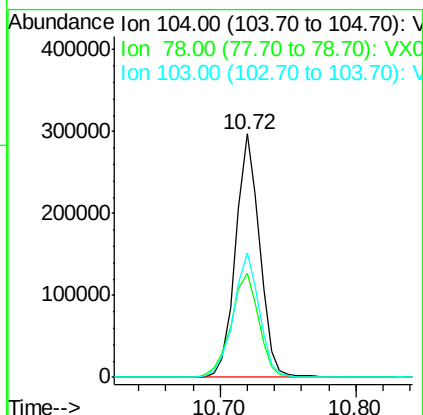
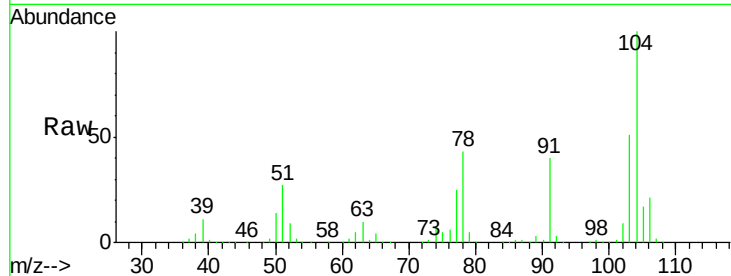




#69
Stvrene
Concen: 41.351 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

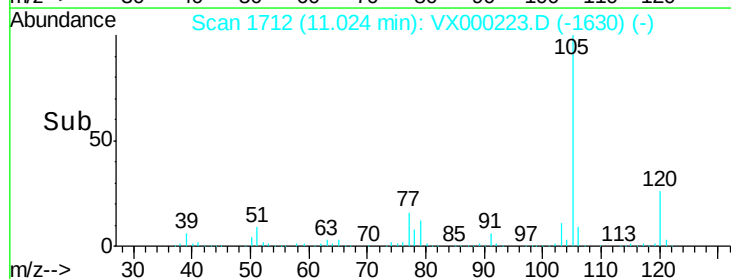
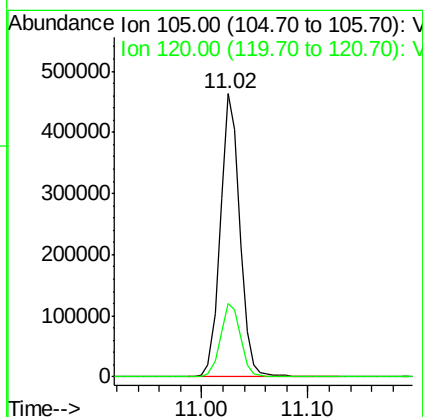
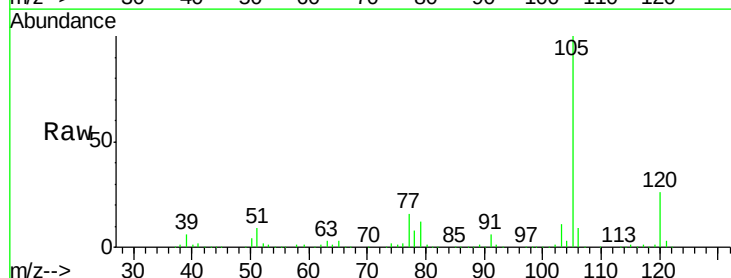
Instrument :
MSVOA_X
ClientSampleId :

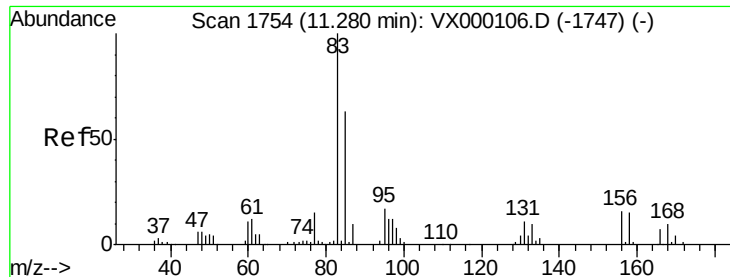
Tot Ion:104 Resp: 365947
Ion Ratio Lower Upper
104 100
78 49.5 39.0 58.4
103 55.4 44.7 67.1



#70
Isopropylbenzene
Concen: 41.016 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:105 Resp: 592327
Ion Ratio Lower Upper
105 100
120 26.6 18.8 35.0

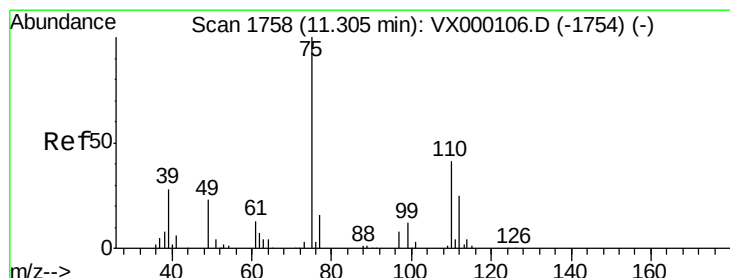
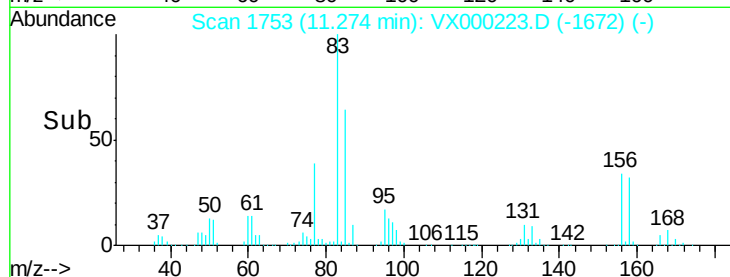
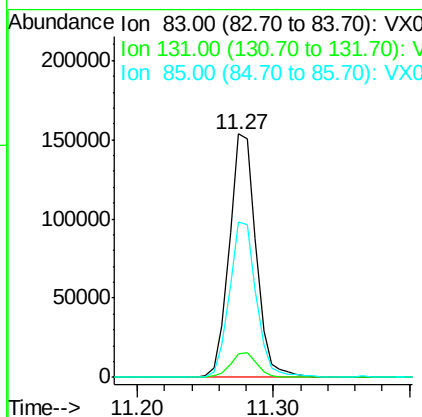
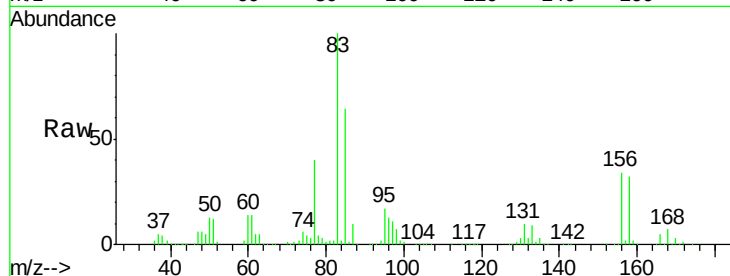




#71
 1,1,2,2-Tetrachloroethane
 Concen: 42.197 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

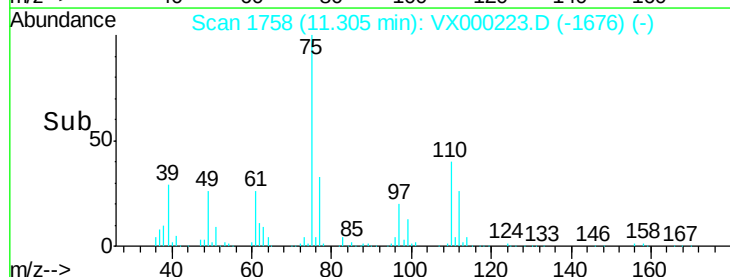
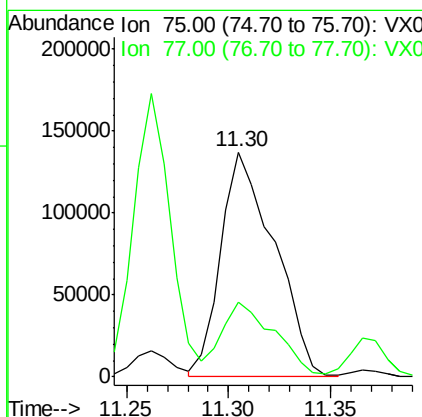
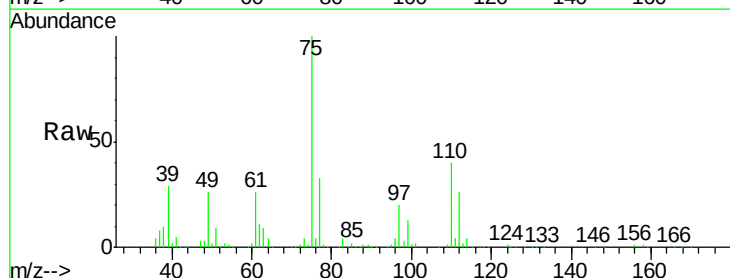
Instrument :
 MSVOA_X
 ClientSampleId :

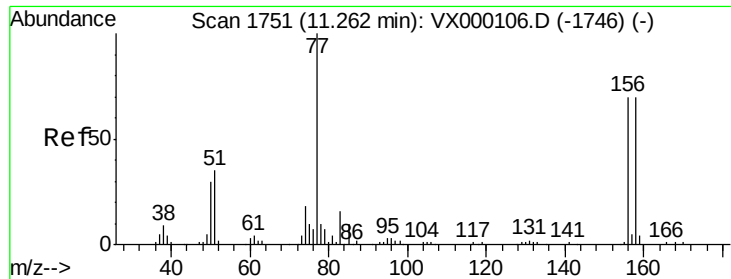
Tot Ion	83	Resp	209679
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	16.1
85	64.1	32.5	97.5



#72
 1,2,3-Trichloropropane
 Concen: 56.177 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion	75	Resp	250396
Ion	Ratio	Lower	Upper
75	100		
77	32.7	0.0	85.8





#73

Bromobenzene

Concen: 38.879 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampled :

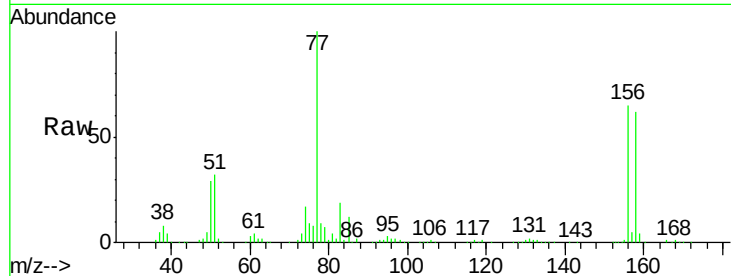
Tot Ion:156 Resp: 147200

Ion Ratio Lower Upper

156 100

77 148.6 0.0 280.2

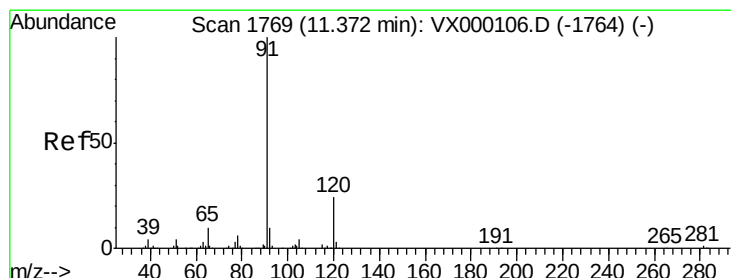
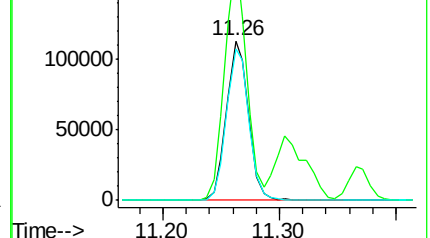
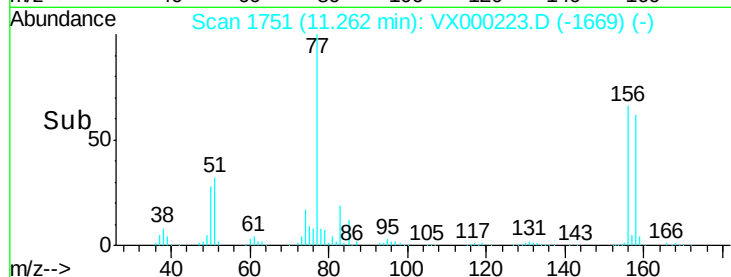
158 96.2 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 42.469 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000223.D

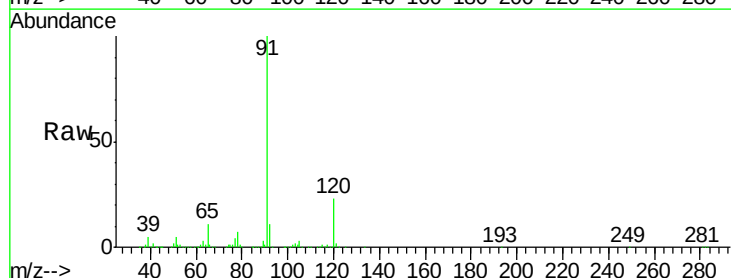
Acq: 08 Mar 2018 15:13

Tgt Ion: 91 Resp: 718897

Ion Ratio Lower Upper

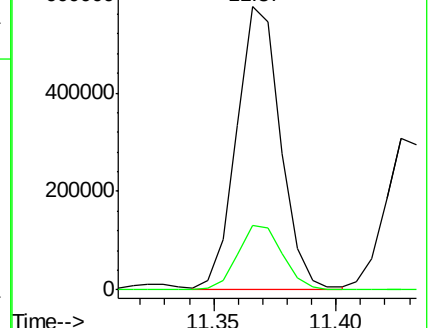
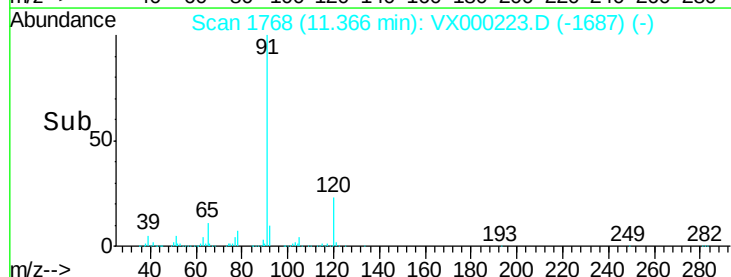
91 100

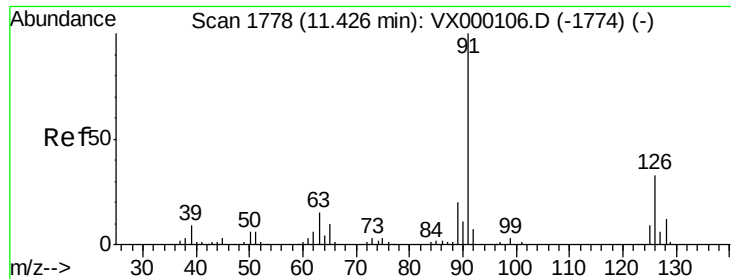
120 23.2 0.0 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 41.173 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

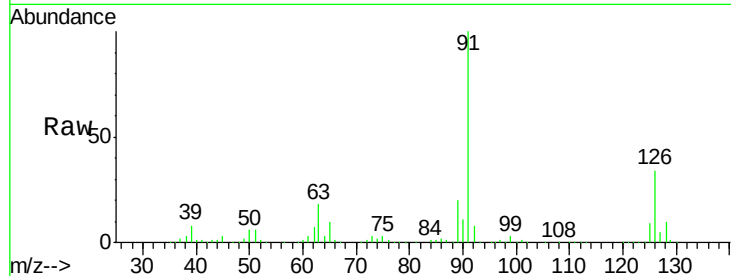
ClientSampleId :

Tot Ion: 91 Resp: 400693

Ion Ratio Lower Upper

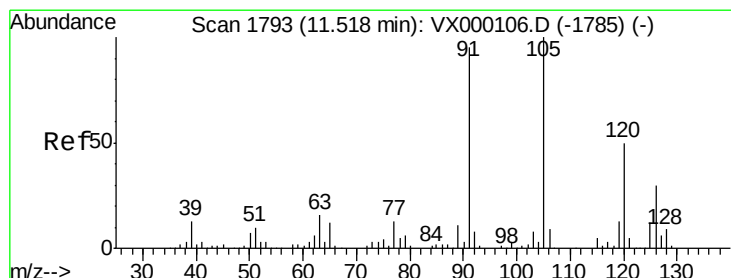
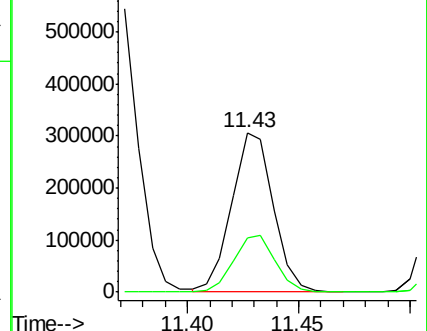
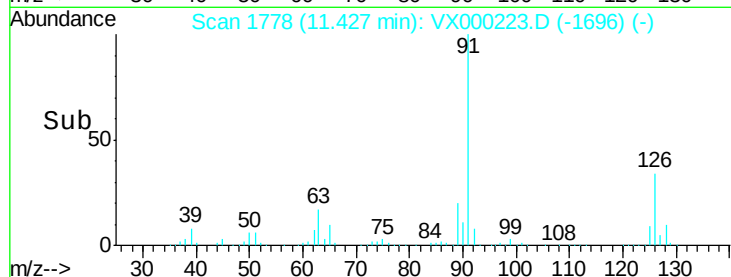
91 100

126 35.2 0.0 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 42.444 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000223.D

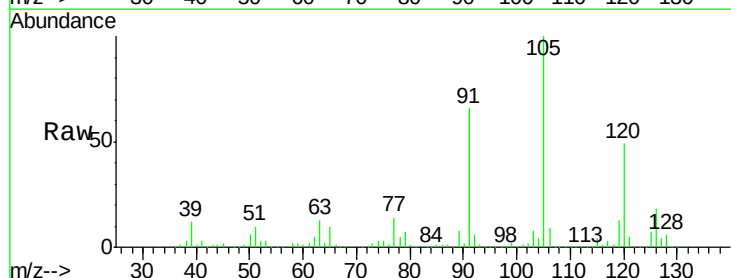
Acq: 08 Mar 2018 15:13

Tgt Ion:105 Resp: 519443

Ion Ratio Lower Upper

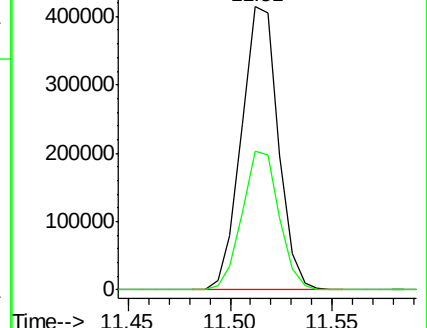
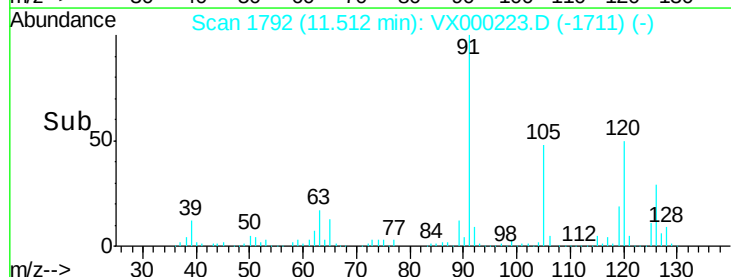
105 100

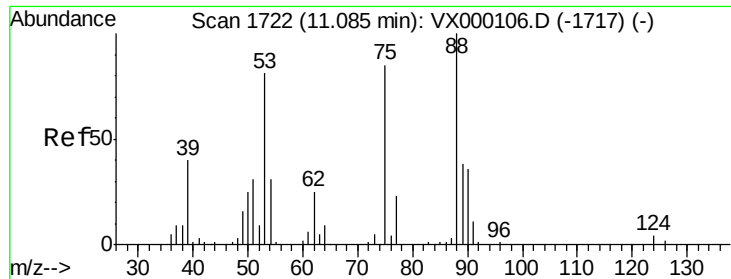
120 49.2 0.0 63.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 41.598 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

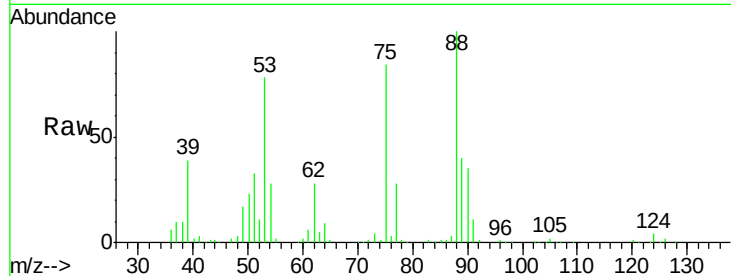
Tot Ion: 75 Resp: 65566

Ion Ratio Lower Upper

75 100

53 94.1 47.8 143.3

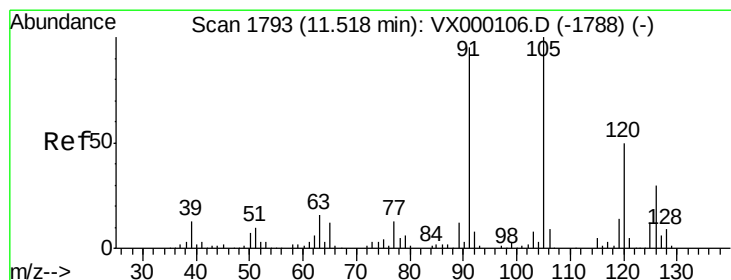
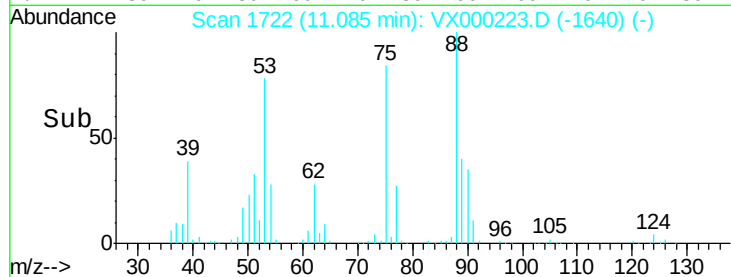
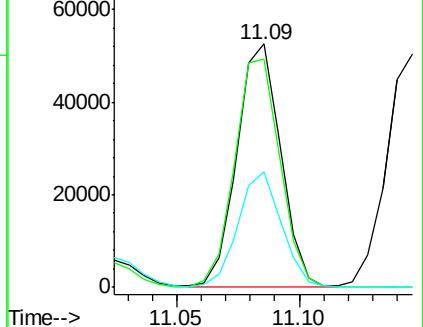
89 47.3 22.3 66.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 42.907 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000223.D

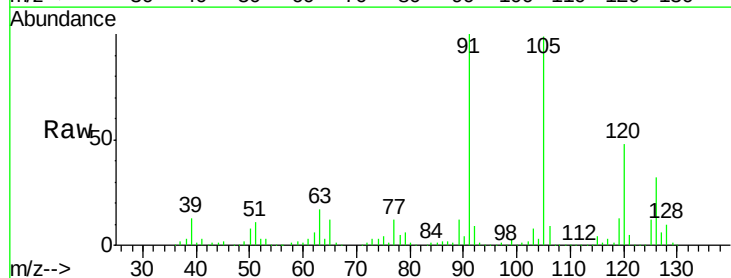
Acq: 08 Mar 2018 15:13

Tgt Ion: 91 Resp: 500262

Ion Ratio Lower Upper

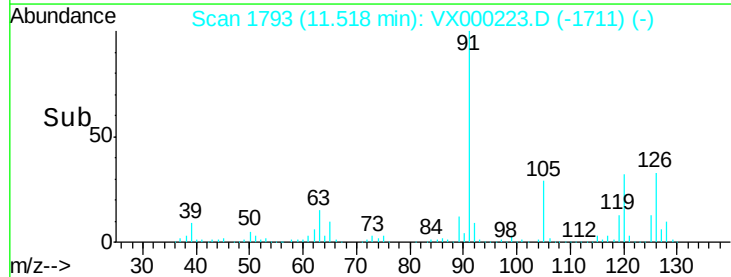
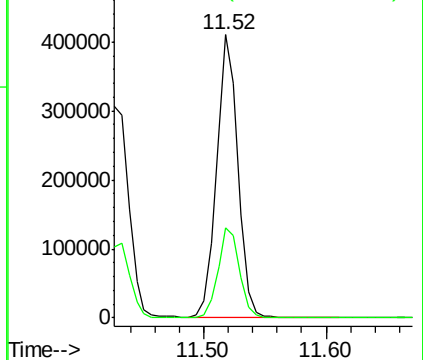
91 100

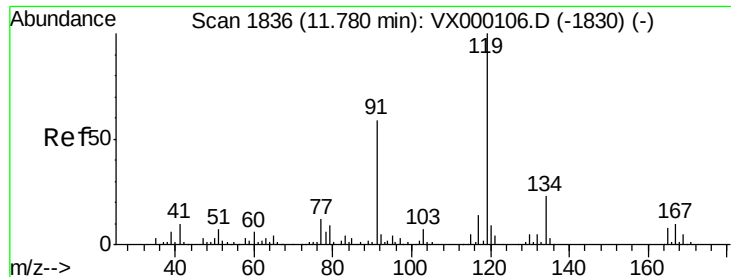
126 32.0 0.0 63.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

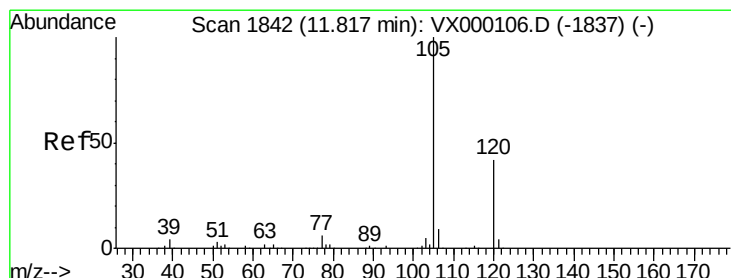
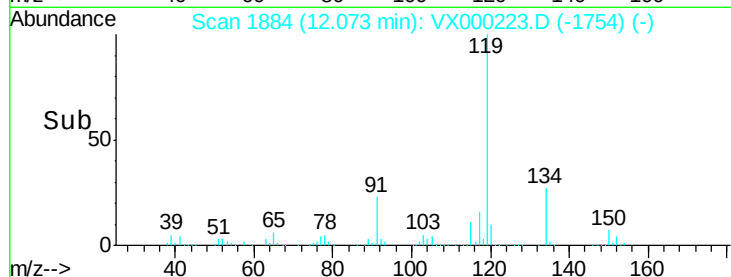
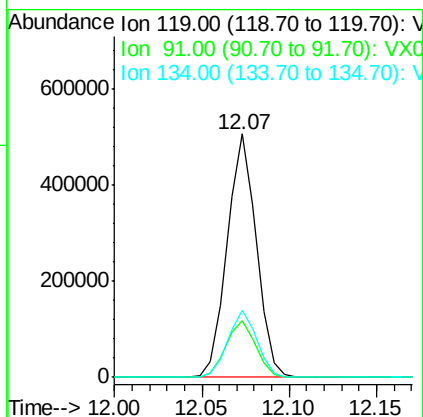
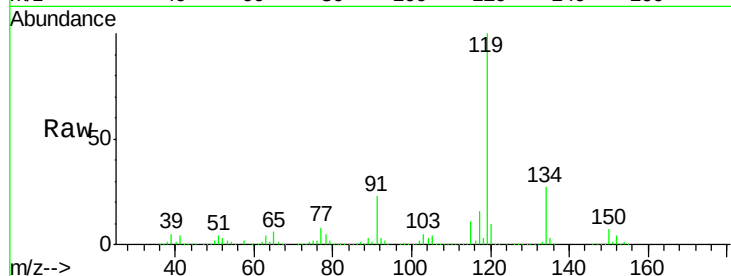




#79
tert-butylbenzene
Concen: 48.161 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

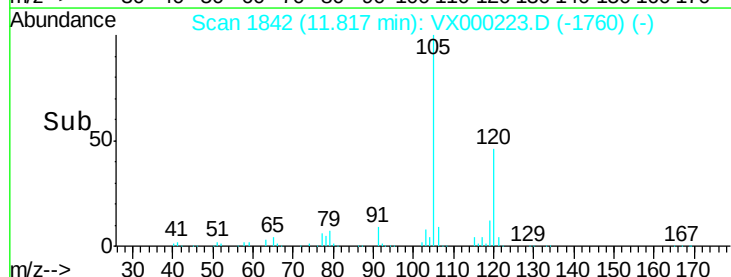
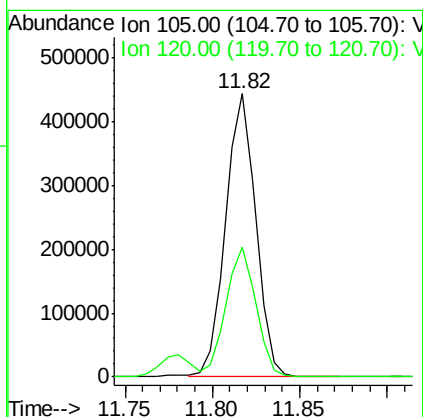
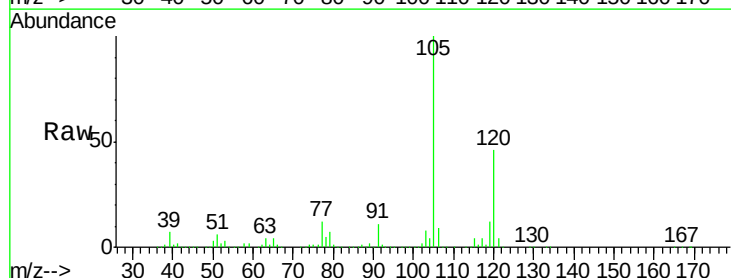
Instrument :
MSVOA_X
ClientSampleId :

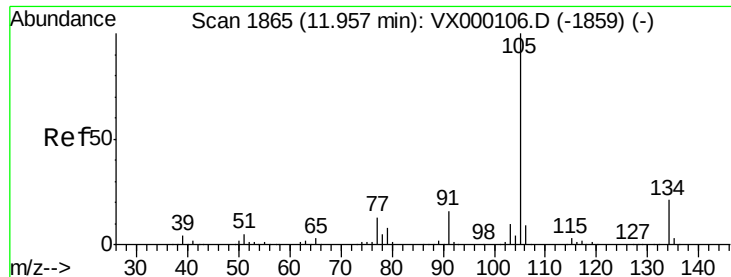
Tot Ion:119 Resp: 586655
Ion Ratio Lower Upper
119 100
91 24.0 0.0 51.6
134 27.3 0.0 60.2



#80
1,2,4-Trimethylbenzene
Concen: 42.603 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion:105 Resp: 531863
Ion Ratio Lower Upper
105 100
120 45.6 0.0 93.0





#81

sec-Butylbenzene

Concen: 42.690 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

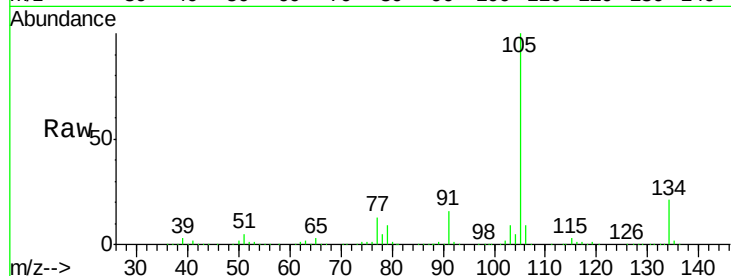
ClientSampleId :

Tot Ion:105 Resp: 642836

Ion Ratio Lower Upper

105 100

134 20.2 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

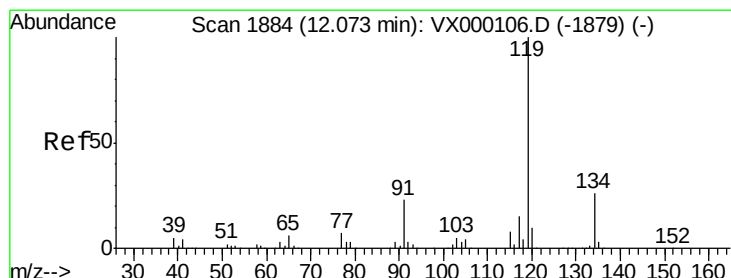
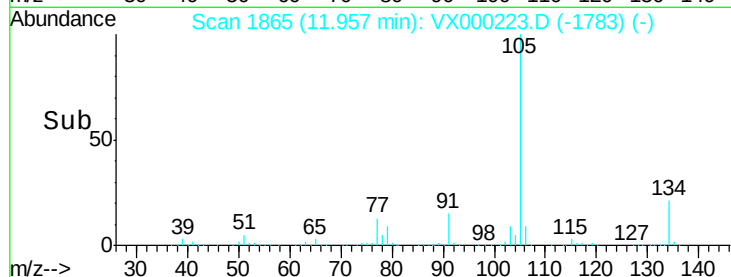
200000

100000

0

11.90 11.95 12.00 12.05

Time-->



#82

p-Isopropyltoluene

Concen: 43.671 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

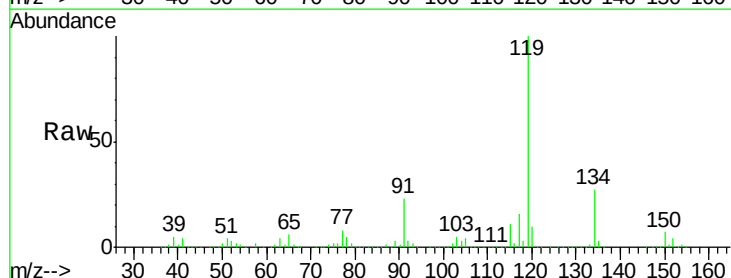
Tgt Ion:119 Resp: 586655

Ion Ratio Lower Upper

119 100

134 27.3 0.0 54.4

91 24.0 0.0 46.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

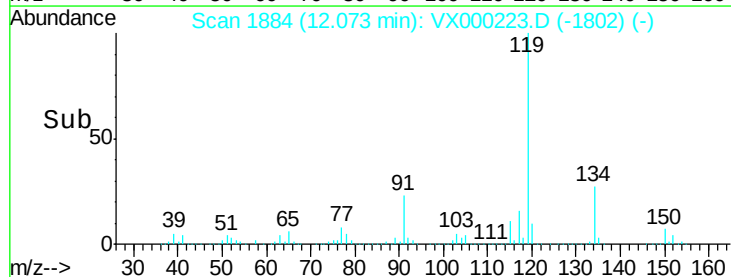
400000

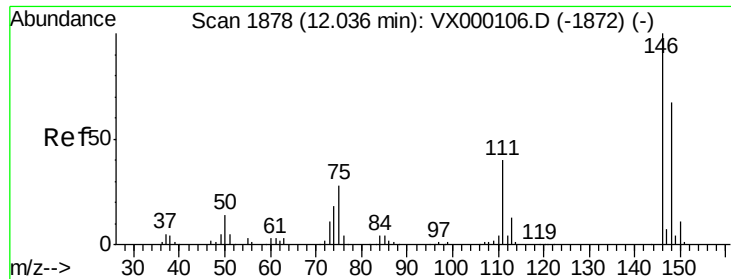
200000

0

12.00 12.05 12.10 12.15

Time-->

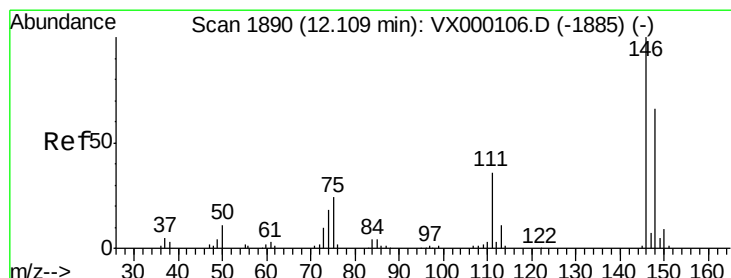
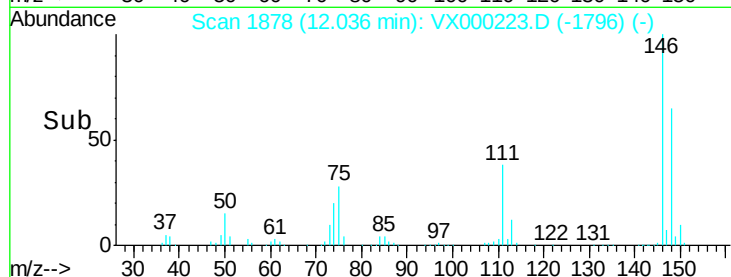
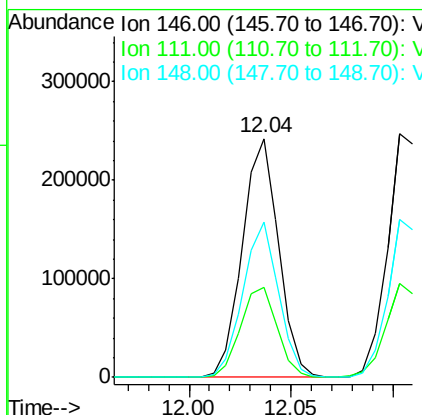
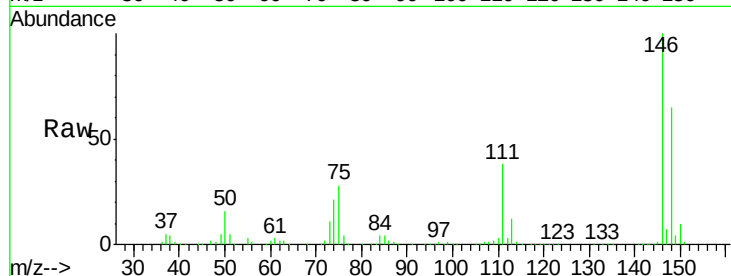




#83
 1,3-Dichlorobenzene
 Concen: 41.527 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

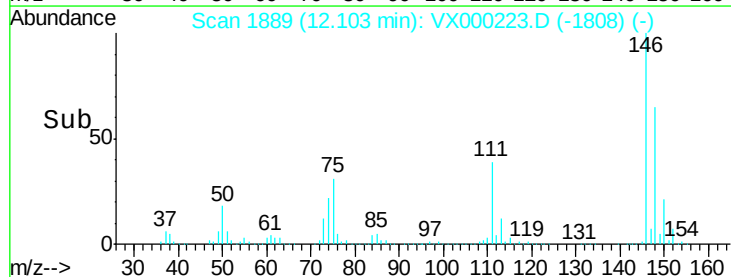
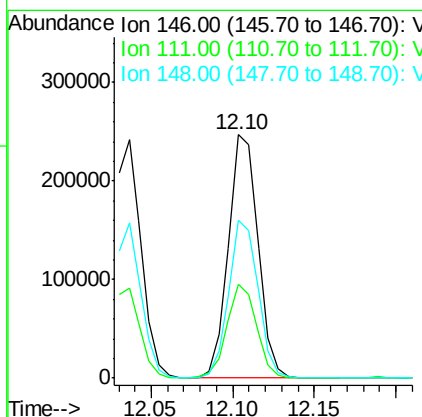
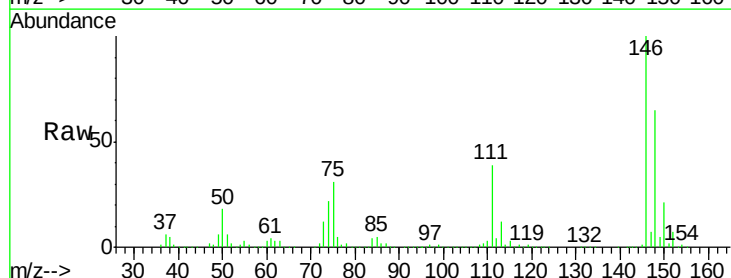
Instrument :
 MSVOA_X
 ClientSampleId :

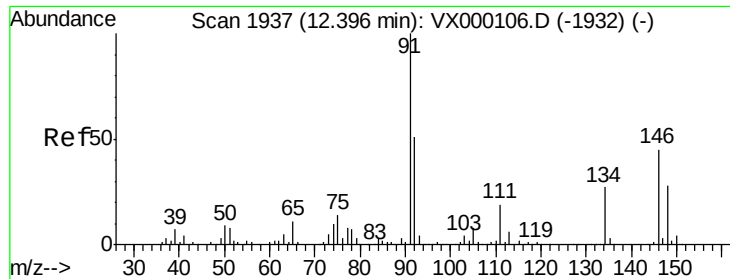
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.1	32.6	97.7



#84
 1,4-Dichlorobenzene
 Concen: 41.530 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.4	55.0
148	64.2	31.9	95.7

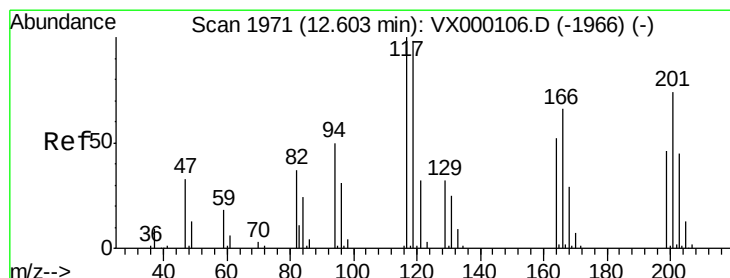
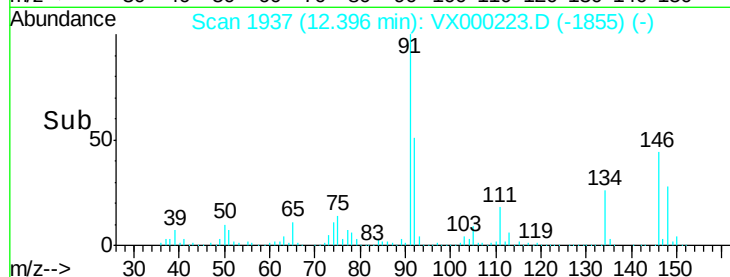
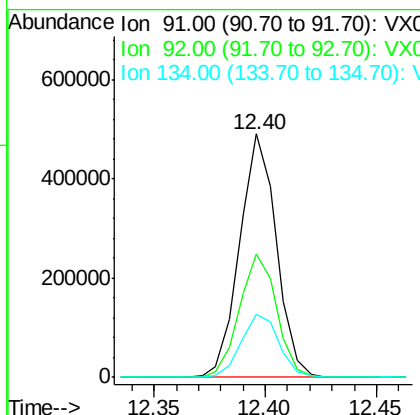
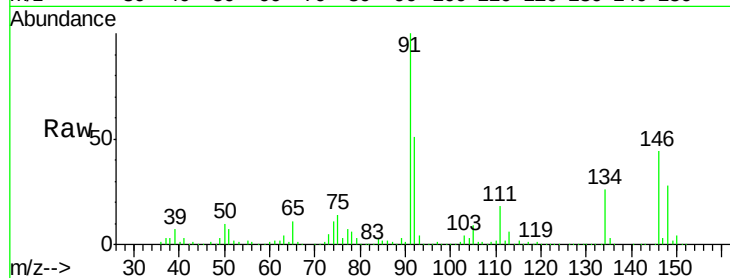




#85
n-Butylbenzene
Concen: 44.743 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

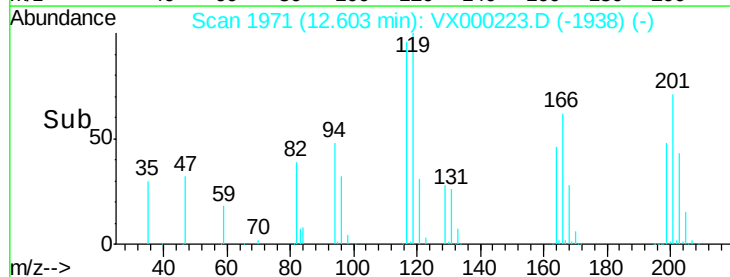
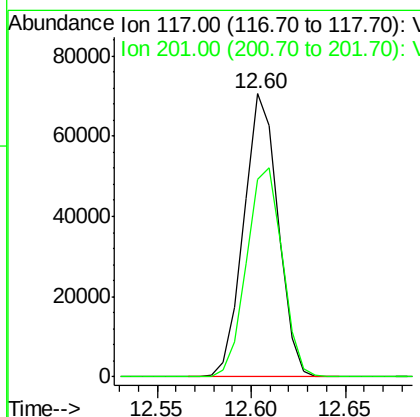
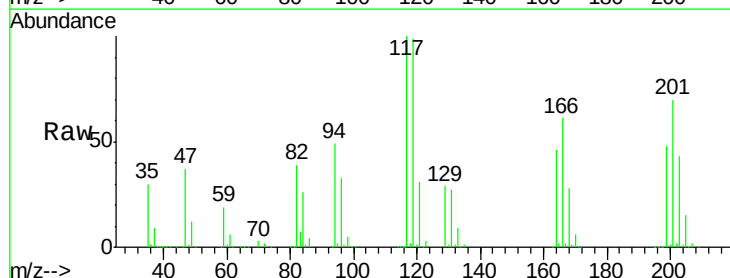
Instrument :
MSVOA_X
ClientSampleId :

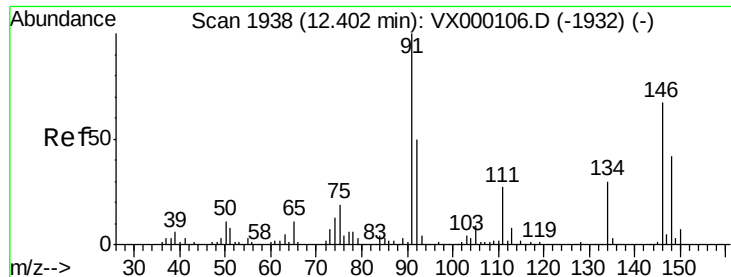
Tot Ion: 91 Resp: 563744
Ion Ratio Lower Upper
91 100
92 51.4 0.0 102.0
134 26.8 0.0 54.2



#86
Hexachloroethane
Concen: 39.815 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000223.D
Acq: 08 Mar 2018 15:13

Tgt Ion: 117 Resp: 89344
Ion Ratio Lower Upper
117 100
201 76.7 38.9 116.6

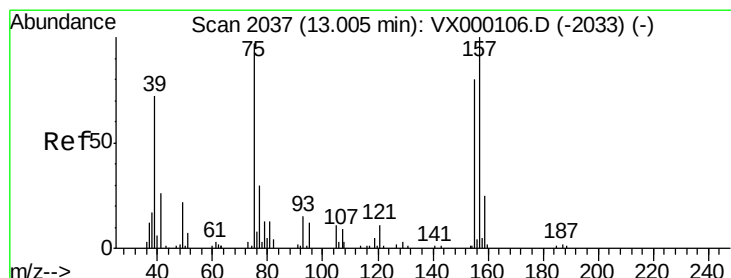
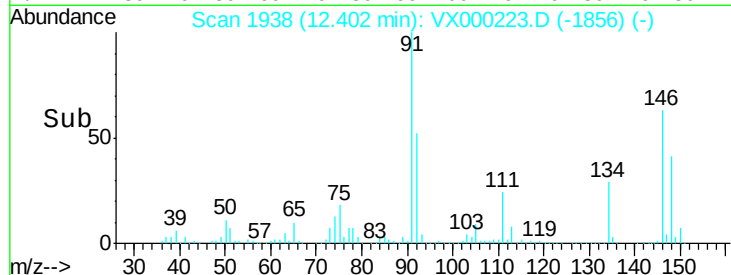
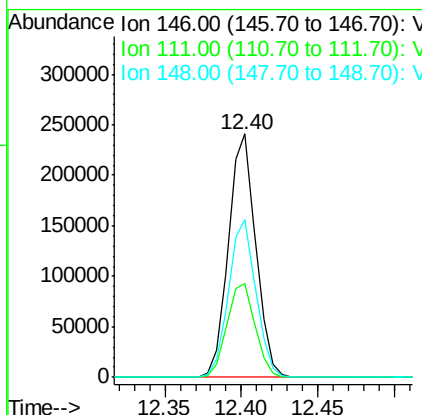
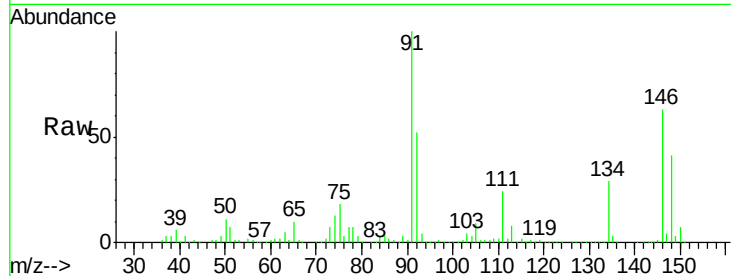




#87
 1,2-Dichlorobenzene
 Concen: 41.690 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

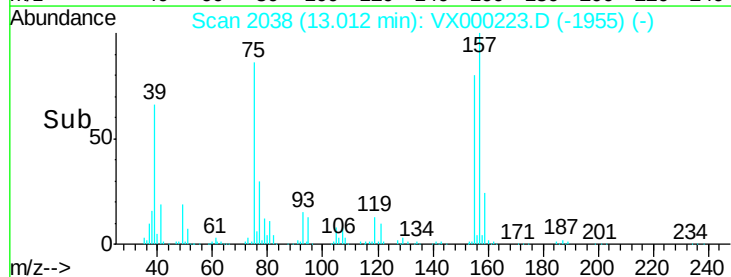
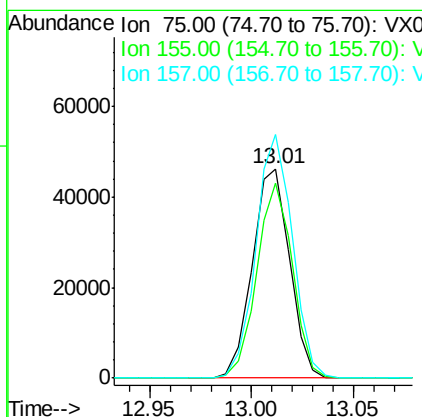
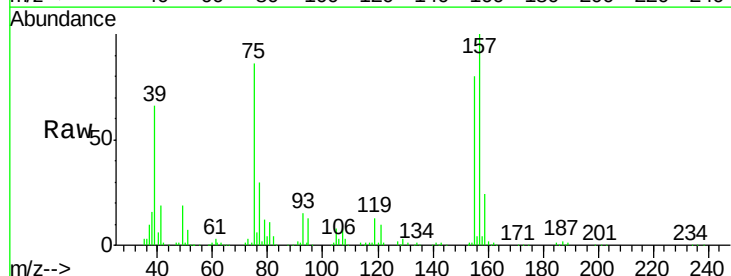
Instrument :
 MSVOA_X
 ClientSampled :

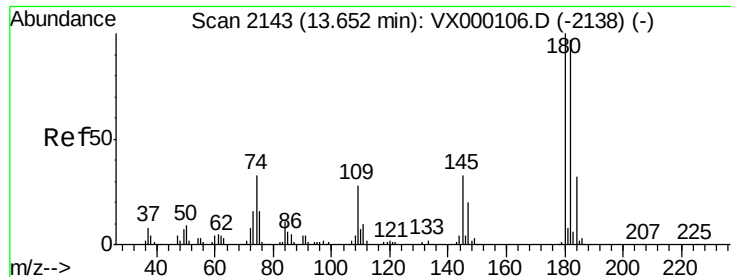
Tot Ion:146 Resp: 297801
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.0 60.0
 148 64.6 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 42.489 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion: 75 Resp: 59038
 Ion Ratio Lower Upper
 75 100
 155 88.6 75.1 112.7
 157 113.5 99.0 148.4

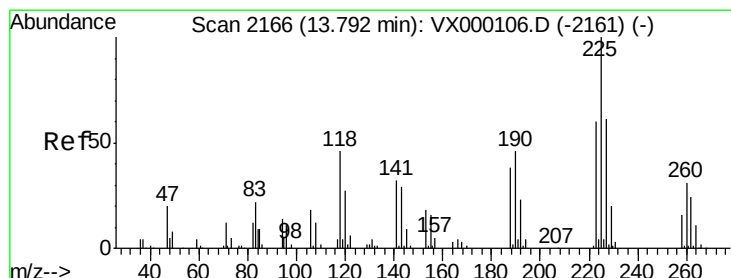
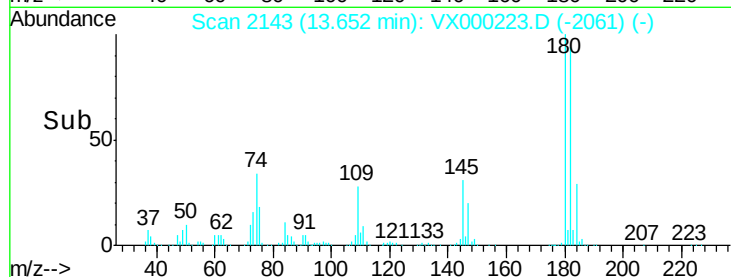
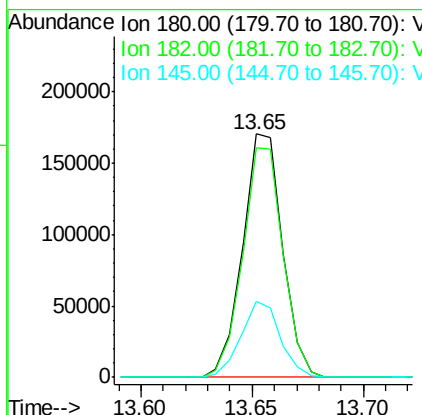
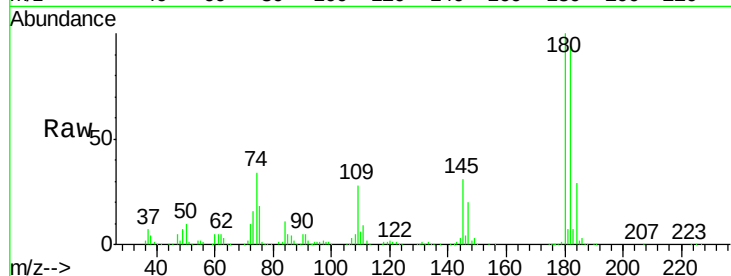




#89
 1,2,4-Trichlorobenzene
 Concen: 40.731 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

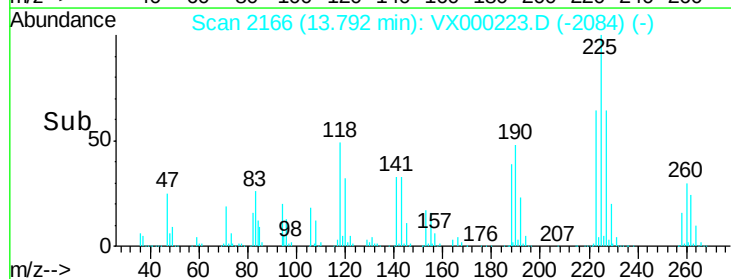
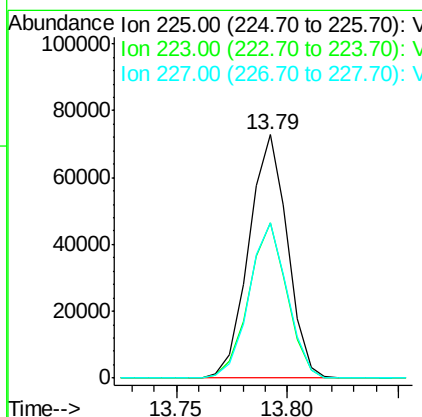
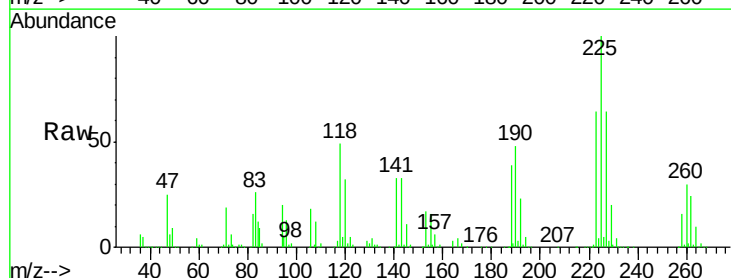
Instrument :
 MSVOA_X
 ClientSampled :

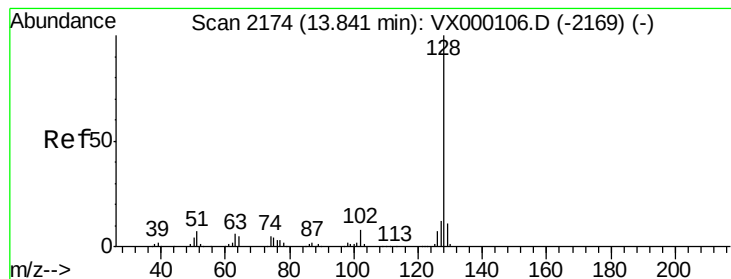
Tot Ion:180 Resp: 213689
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.3 114.5
 145 30.6 24.6 37.0



#90
 Hexachlorobutadiene
 Concen: 38.975 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000223.D
 Acq: 08 Mar 2018 15:13

Tgt Ion:225 Resp: 88095
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 131.2
 227 62.8 0.0 127.6





#91

Naphthalene

Concen: 41.397 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

Instrument :

MSVOA_X

ClientSampleId :

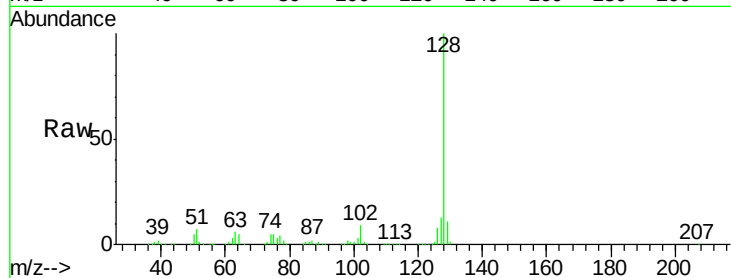
Tot Ion:128 Resp: 758948

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

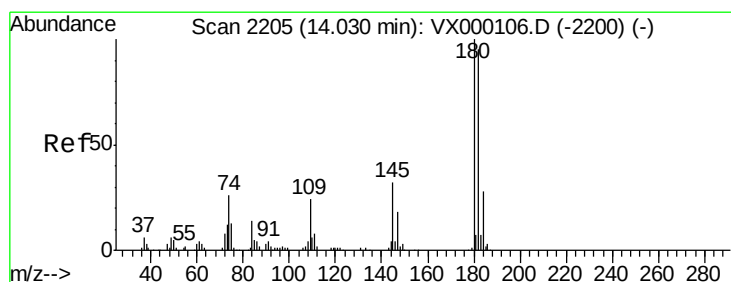
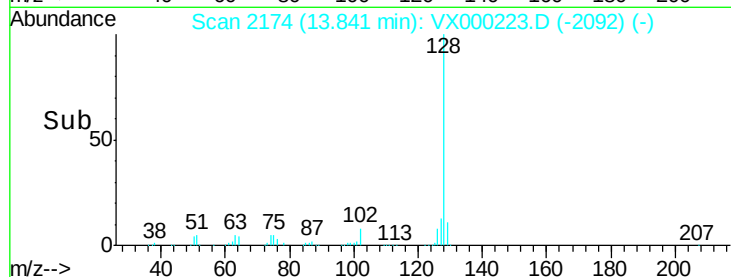
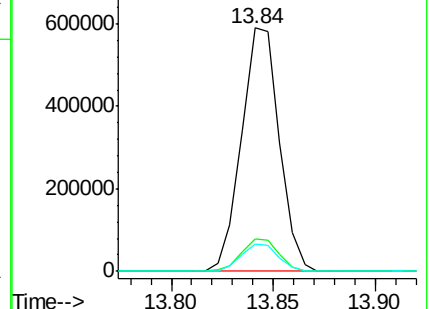
129 11.0 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 39.544 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000223.D

Acq: 08 Mar 2018 15:13

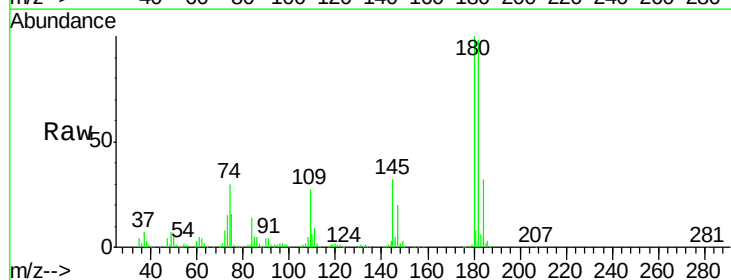
Tgt Ion:180 Resp: 208574

Ion Ratio Lower Upper

180 100

182 96.4 0.0 188.6

145 32.6 0.0 65.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

