

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042018\
 Data File : VX001021.D
 Acq On : 20 Apr 2018 20:32
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 21 05:38:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	144056	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.56%		
35) Dibromofluoromethane	5.51	113	119045	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.20%		
50) Toluene-d8	8.72	98	434128	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.84%		
62) 4-Bromofluorobenzene	11.14	95	181490	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.46%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153815	53.24	ug/l	98
3) Chloromethane	1.32	50	127675	47.46	ug/l	100
4) Vinyl Chloride	1.40	62	138540	49.69	ug/l	98
5) Bromomethane	1.64	94	90682	57.69	ug/l	100
6) Chloroethane	1.73	64	84369	50.92	ug/l	99
7) Trichlorofluoromethane	1.93	101	212676	50.77	ug/l	100
8) Diethyl Ether	2.19	74	76806	49.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	119932	48.86	ug/l	99
10) Methyl Iodide	2.51	142	93213	40.23	ug/l	99
11) Tert butyl alcohol	3.07	59	117011	262.74	ug/l	99
12) 1,1-Dichloroethene	2.38	96	113242	49.89	ug/l	95
13) Acrolein	2.30	56	39494	283.13	ug/l	99
14) Allyl chloride	2.73	41	203688	49.59	ug/l	99
15) Acrylonitrile	3.15	53	300974	249.71	ug/l	100
16) Acetone	2.45	43	276363	248.53	ug/l	99
17) Carbon Disulfide	2.57	76	304641	47.09	ug/l	100
18) Methyl Acetate	2.78	43	187657	55.77	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	387218	50.75	ug/l	100
20) Methylene Chloride	2.86	84	122544	52.36	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	122058	48.31	ug/l	99
22) Diisopropyl ether	3.88	45	407149	51.20	ug/l	100
23) Vinyl Acetate	3.83	43	1664648	252.87	ug/l	99
24) 1,1-Dichloroethane	3.70	63	221144	49.58	ug/l	99
25) 2-Butanone	4.71	43	437375	251.96	ug/l	100
26) 2,2-Dichloropropane	4.59	77	178227	46.45	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	139215	49.46	ug/l	99
28) Bromochloromethane	5.03	49	86875	50.65	ug/l	98
29) Tetrahydrofuran	5.17	42	277440	252.93	ug/l	100
30) Chloroform	5.23	83	233346	50.52	ug/l	99
31) Cyclohexane	5.58	56	200759	48.22	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	209744	50.64	ug/l	98
36) 1,1-Dichloropropene	5.81	75	178297	47.71	ug/l	100
37) Ethyl Acetate	4.87	43	170731	49.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	187221	49.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	204612	47.04	ug/l	98
40) Benzene	6.15	78	513672	49.45	ug/l	99
41) Methacrylonitrile	5.07	41	102755	48.01	ug/l	100
42) 1,2-Dichloroethane	6.21	62	197171	49.45	ug/l	99
43) Isopropyl Acetate	6.47	43	294173	50.02	ug/l	99
44) Trichloroethene	7.22	130	152711	48.11	ug/l	97
45) 1,2-Dichloropropane	7.53	63	131640	50.39	ug/l	98
46) Dibromomethane	7.67	93	90573	49.62	ug/l	100
47) Bromodichloromethane	7.90	83	173393	51.28	ug/l	98
48) Methyl methacrylate	7.79	41	159359	50.33	ug/l	99
49) 1,4-Dioxane	7.76	88	48903	1050.24	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	914565	256.14	ug/l	100
52) Toluene	8.79	92	335161	49.43	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	208958	51.67	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	196866	51.63	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	135390	50.24	ug/l	99
56) Ethyl methacrylate	9.19	69	202260	51.10	ug/l	99
57) 1,3-Dichloropropane	9.38	76	221494	49.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	497939	257.75	ug/l	100
59) 2-Hexanone	9.51	43	690783	252.76	ug/l	100
60) Dibromochloromethane	9.59	129	149973	52.98	ug/l	100
61) 1,2-Dibromoethane	9.68	107	144348	50.75	ug/l	100
64) Tetrachloroethene	9.34	164	155756	47.63	ug/l	99
65) Chlorobenzene	10.15	112	395983	48.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	142554	50.65	ug/l	99
67) Ethyl Benzene	10.26	91	667045	48.98	ug/l	99
68) m/p-Xylenes	10.37	106	523660	97.57	ug/l	99
69) o-Xylene	10.71	106	252180	48.74	ug/l	99
70) Styrene	10.72	104	425701	49.96	ug/l	100
71) Bromoform	10.87	173	122632	46.97	ug/l	99
73) Isopropylbenzene	11.02	105	681363	48.21	ug/l	99
74) N-amyl acetate	6.47	43	294173	48.65	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	201384	50.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226452	60.37	ug/l	88
77) Bromobenzene	11.26	156	196372	47.86	ug/l	99
78) n-propylbenzene	11.37	91	775918	47.82	ug/l	99
79) 2-Chlorotoluene	11.43	91	460175	47.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	585823	48.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52083	43.09	ug/l	98
82) 4-Chlorotoluene	11.52	91	553966	47.81	ug/l	100
83) tert-Butylbenzene	11.77	119	594486	49.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	601018	48.74	ug/l	100
85) sec-Butylbenzene	11.95	105	694156	48.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	639063	47.88	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	365376	47.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	375696	47.65	ug/l	100
89) n-Butylbenzene	12.39	91	559011	47.08	ug/l	99
90) Hexachloroethane	12.60	117	95628	50.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	359162	48.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42972	51.27	ug/l	99

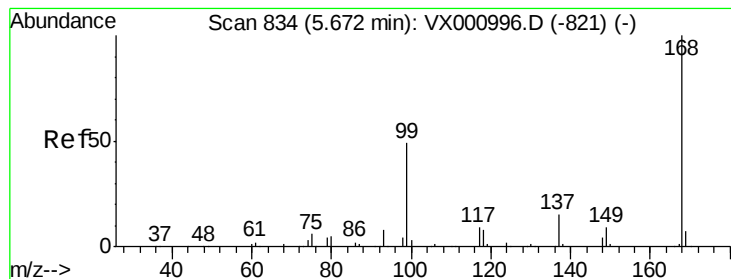
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	291414	46.69	ug/l	99
94) Hexachlorobutadiene	13.79	225	118992	42.13	ug/l	99
95) Naphthalene	13.84	128	765908	49.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	283801	47.01	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

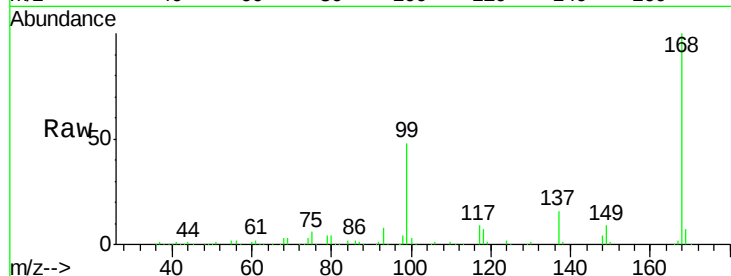
ClientSampleId :

Tot Ion:168 Resp: 232957

Ion Ratio Lower Upper

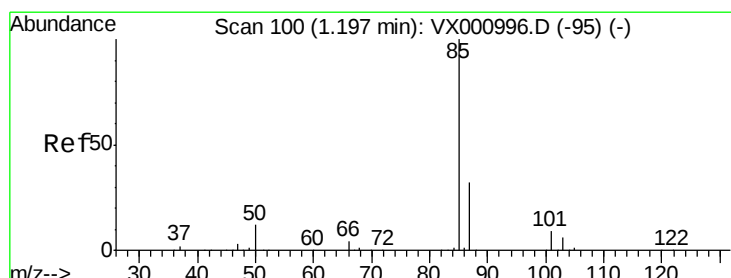
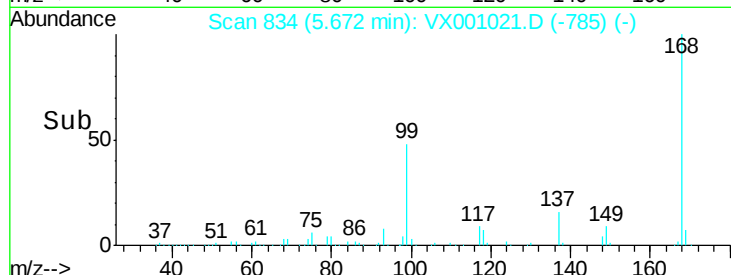
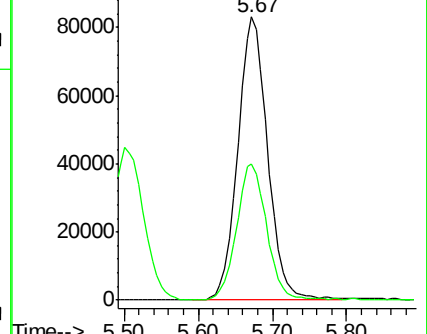
168 100

99 47.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.24 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001021.D

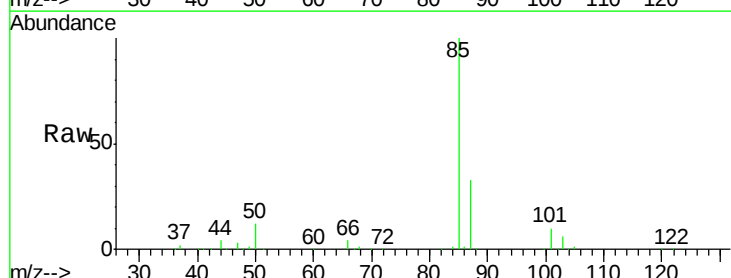
Acq: 20 Apr 2018 20:32

Tgt Ion: 85 Resp: 153815

Ion Ratio Lower Upper

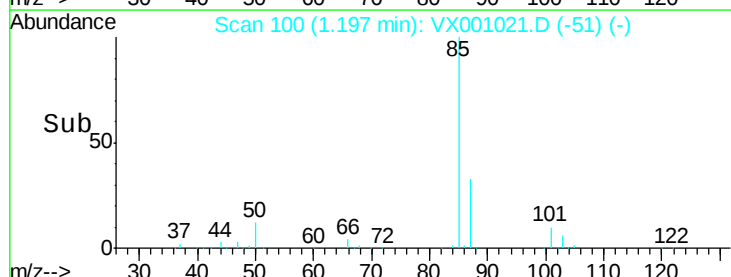
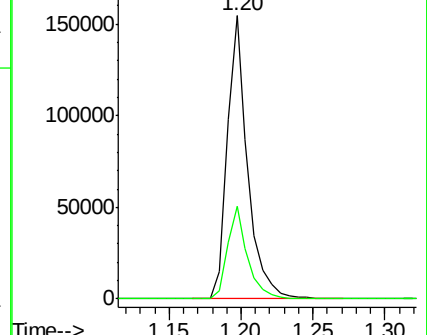
85 100

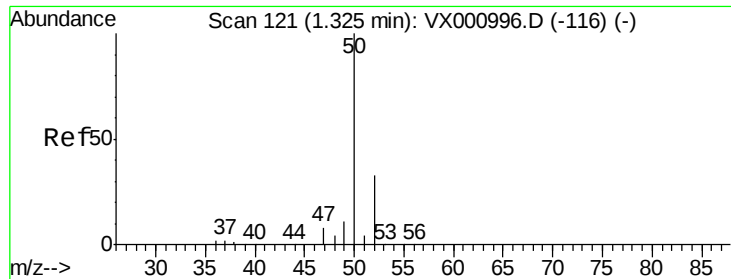
87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.46 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

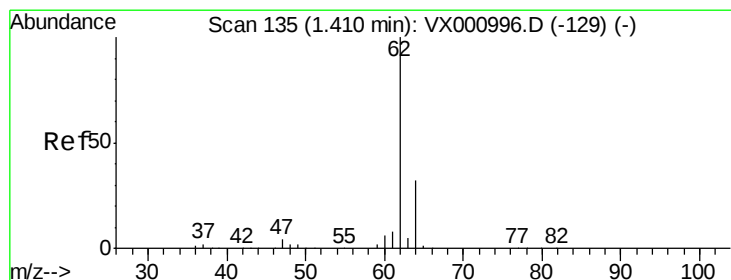
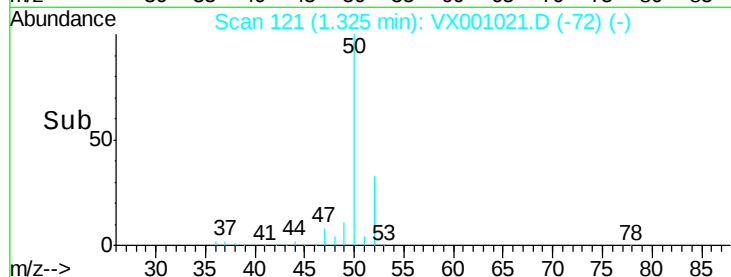
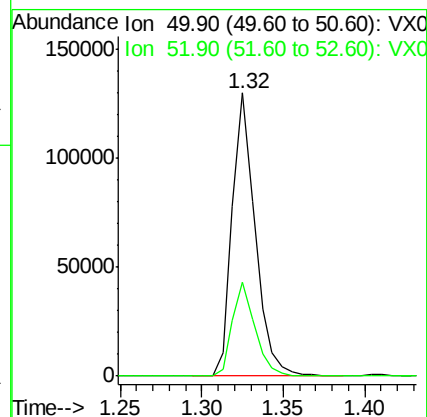
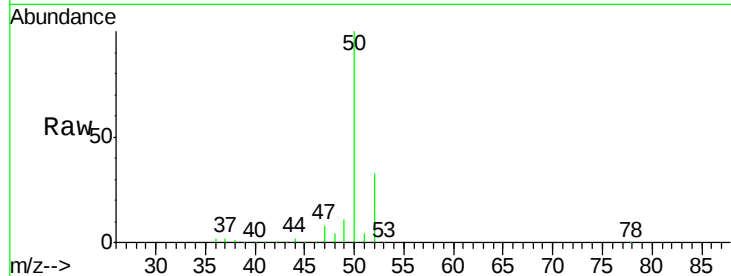
ClientSampled :

Tot Ion: 50 Resp: 127675

Ion Ratio Lower Upper

50 100

52 33.1 26.3 39.5



#4

Vinyl Chloride

Concen: 49.69 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001021.D

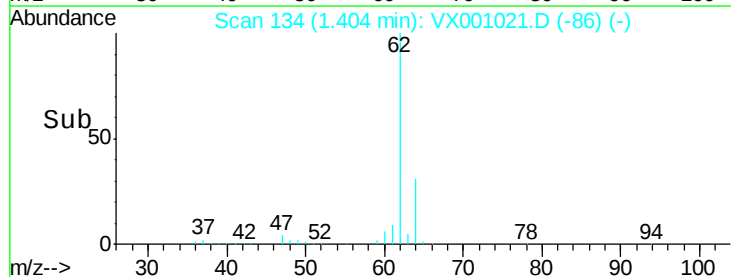
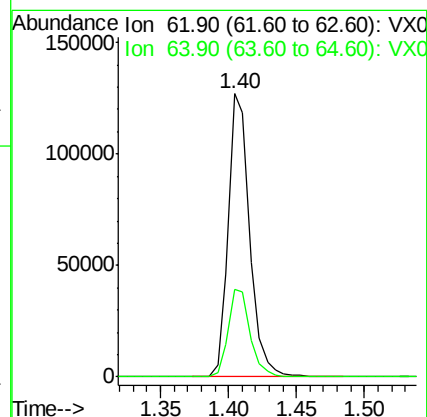
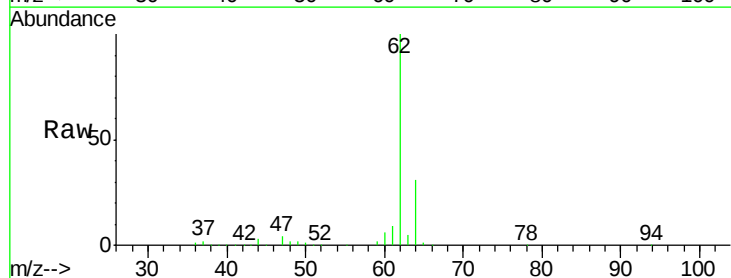
Acq: 20 Apr 2018 20:32

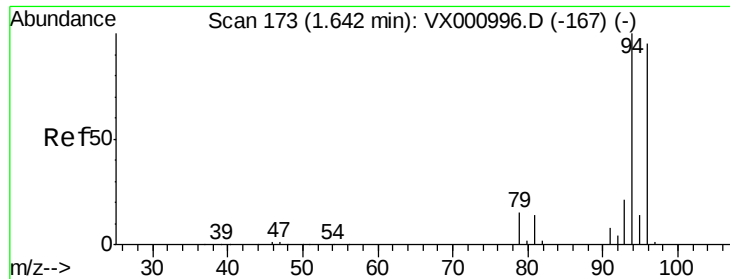
Tgt Ion: 62 Resp: 138540

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4

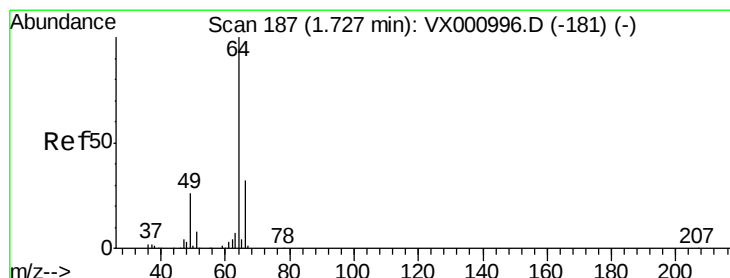
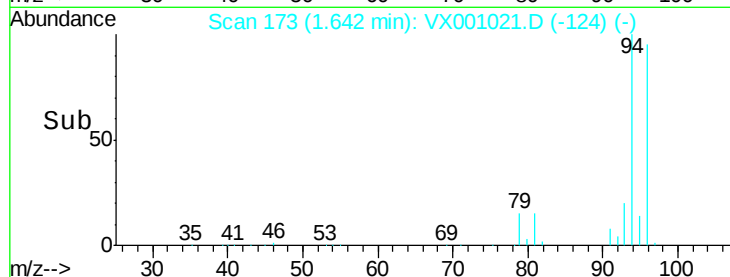
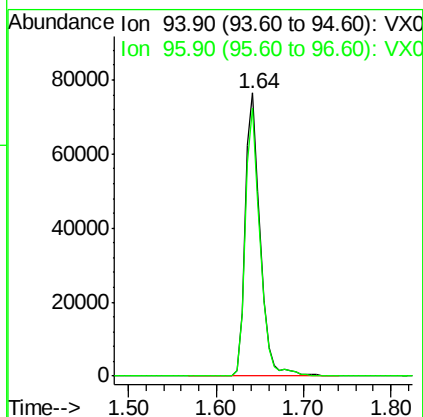
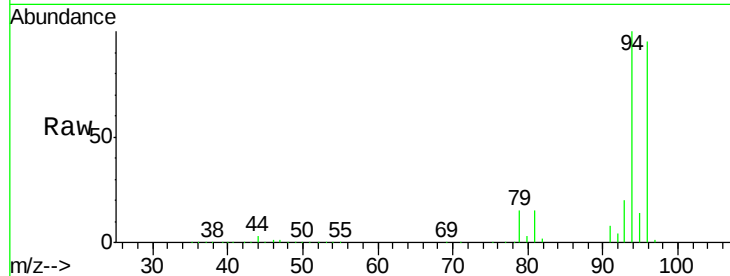




#5
Bromomethane
Concen: 57.69 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

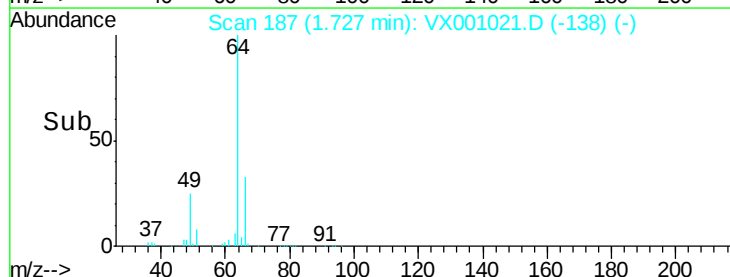
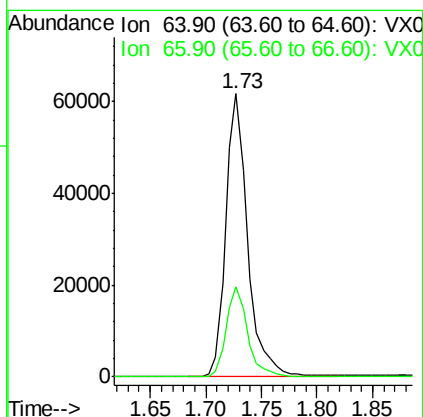
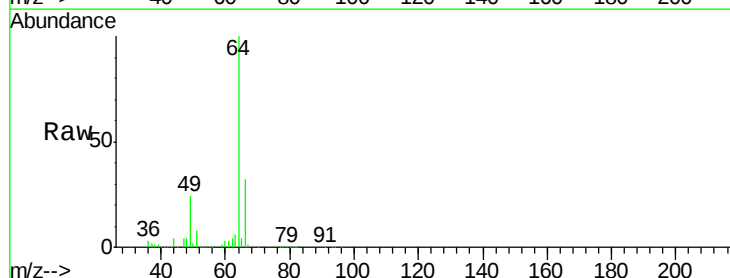
Instrument :
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ClientSampleId :

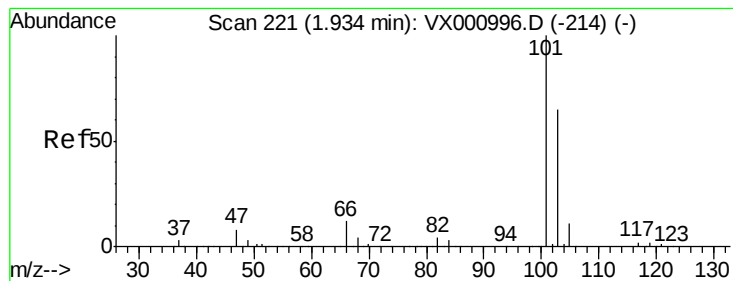
Tot Ion: 94 Resp: 90682
Ion Ratio Lower Upper
94 100
96 94.9 76.0 114.0



#6
Chloroethane
Concen: 50.92 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 64 Resp: 84369
Ion Ratio Lower Upper
64 100
66 31.9 25.3 37.9



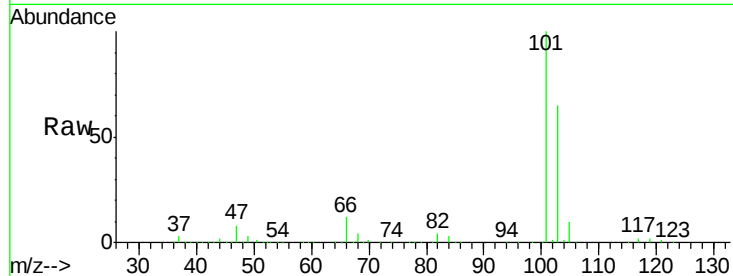


#7

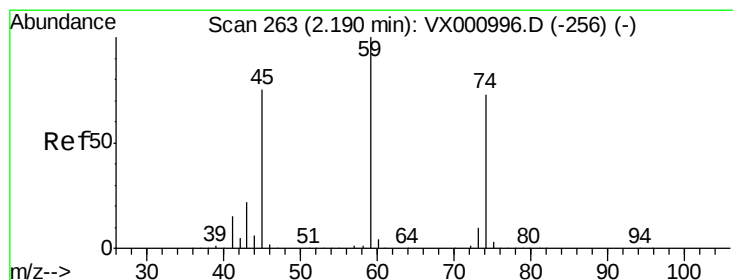
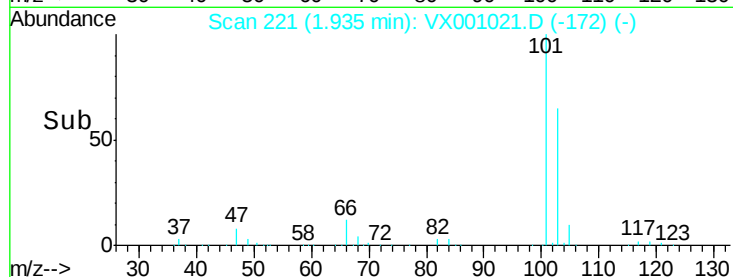
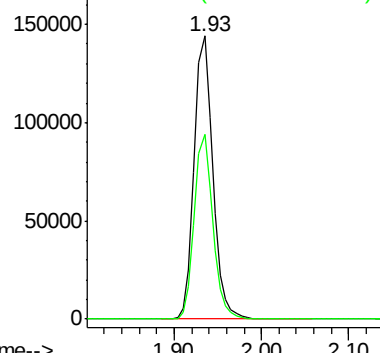
Trichlorofluoromethane
Concen: 50.77 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 212676
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8



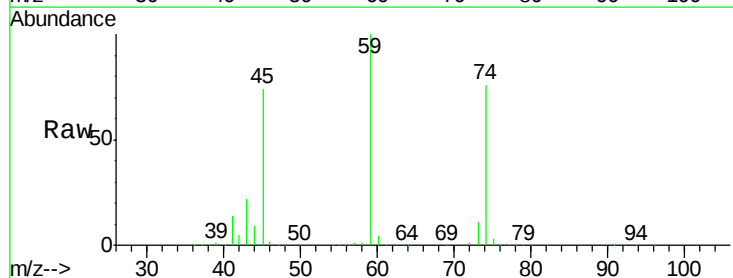
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



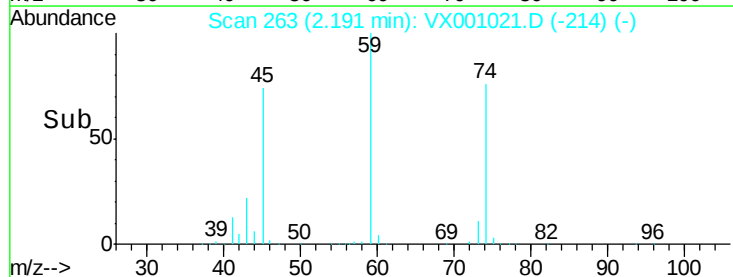
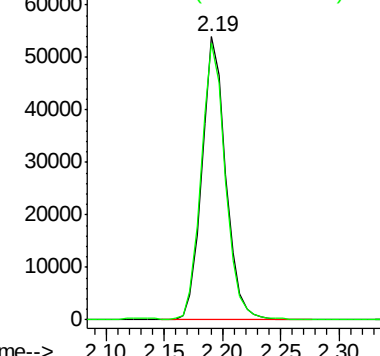
#8

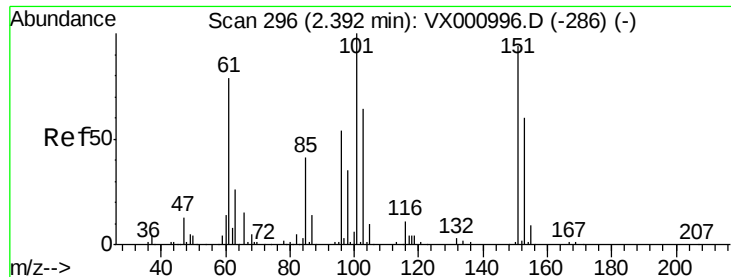
Diethyl Ether
Concen: 49.64 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 74 Resp: 76806
Ion Ratio Lower Upper
74 100
45 99.3 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.86 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

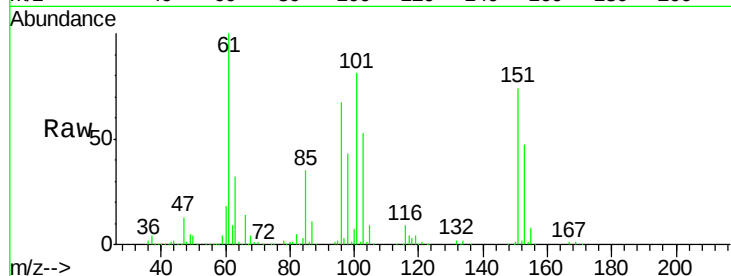
Tot Ion:101 Resp: 119932

Ion Ratio Lower Upper

101 100

85 42.9 33.9 50.9

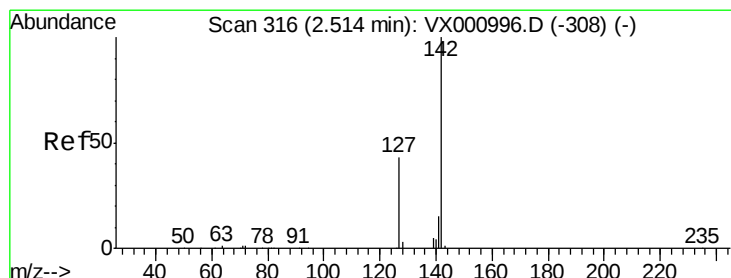
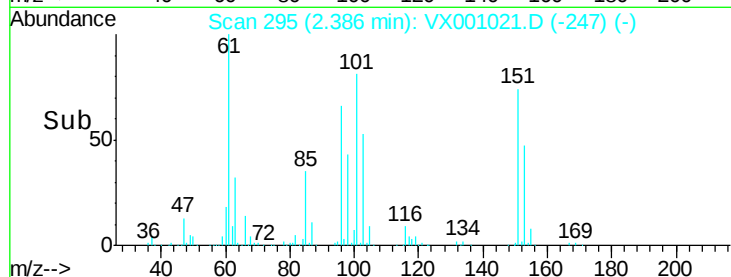
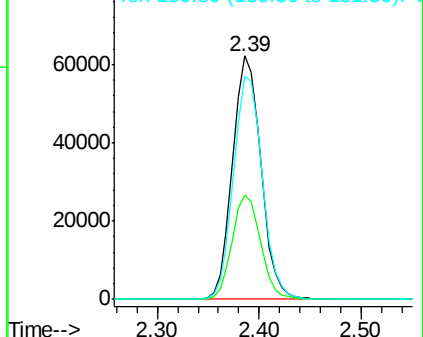
151 93.0 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.23 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

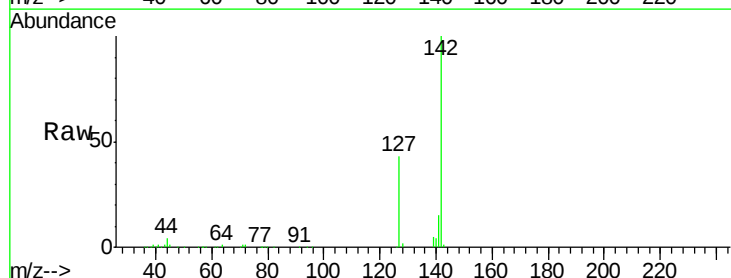
Tgt Ion:142 Resp: 93213

Ion Ratio Lower Upper

142 100

127 43.1 34.0 51.0

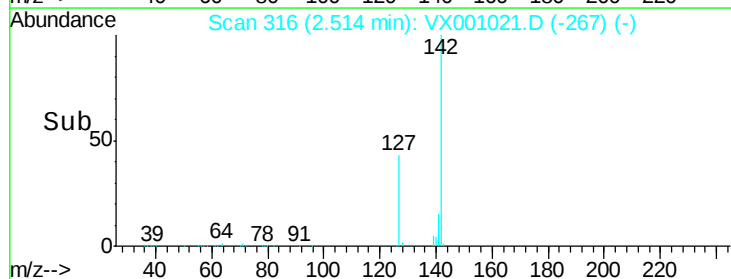
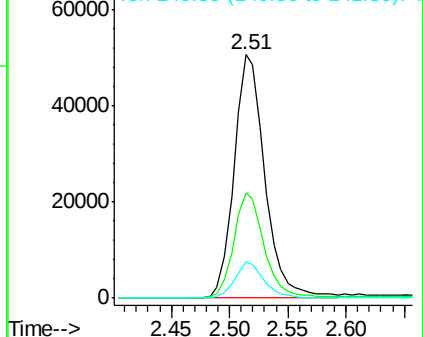
141 14.6 11.4 17.2

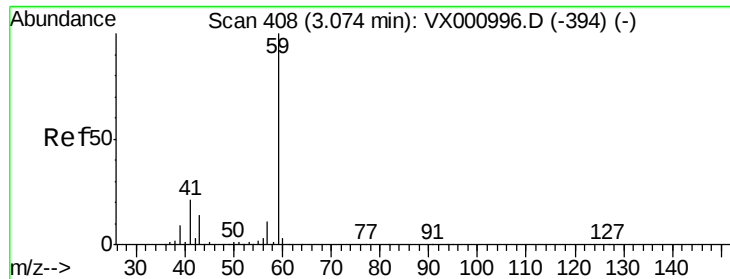


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

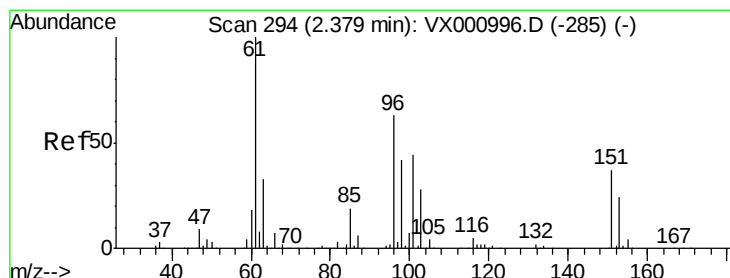
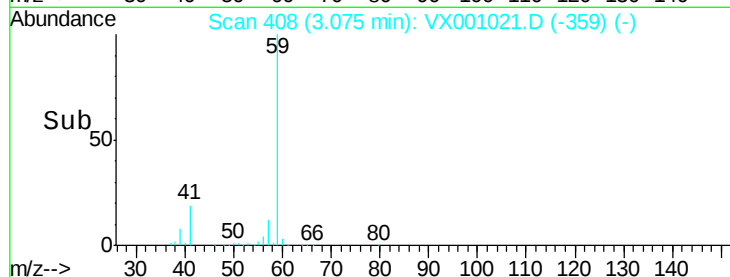
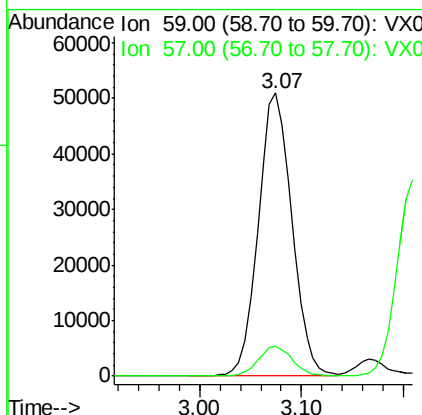
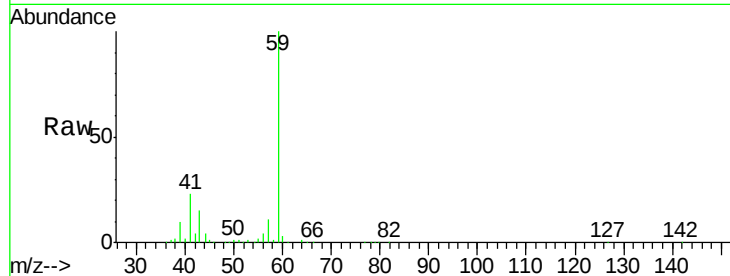




#11
Tert butyl alcohol
Concen: 262.74 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

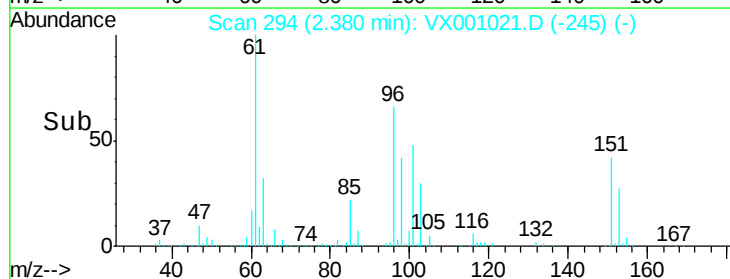
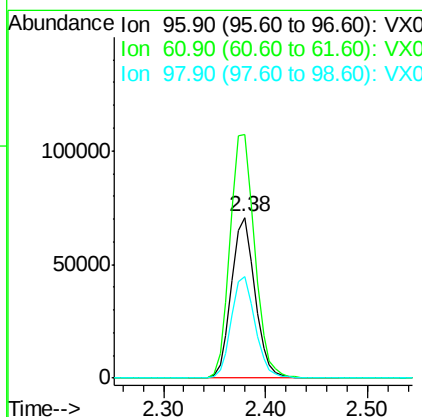
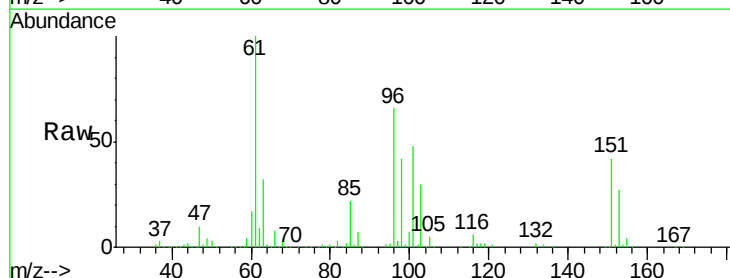
Instrument :
MSVOA_X
ClientSampled :

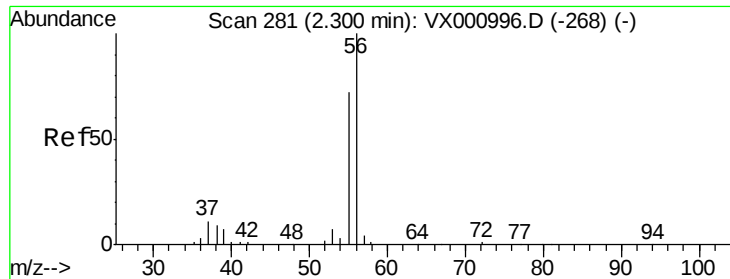
Tot Ion: 59 Resp: 117011
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.89 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 96 Resp: 113242
Ion Ratio Lower Upper
96 100
61 151.3 126.4 189.6
98 63.3 52.6 78.8

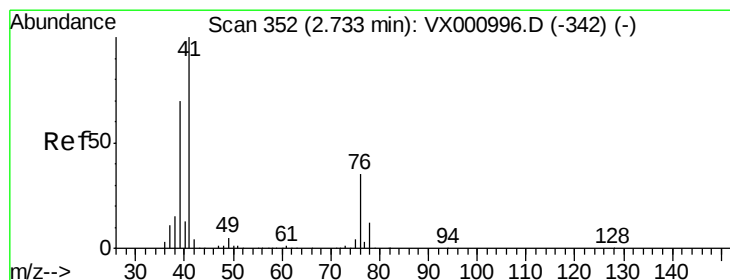
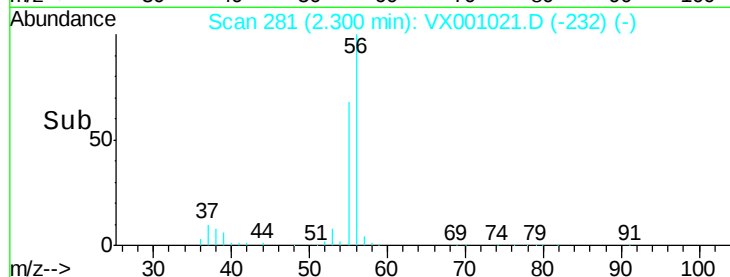
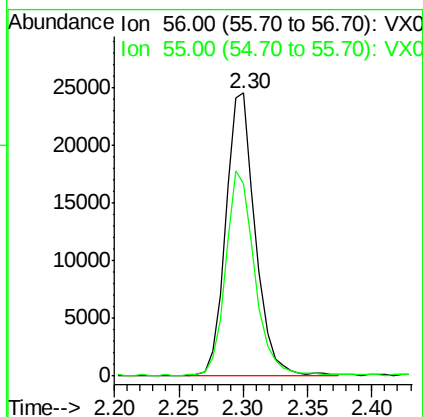
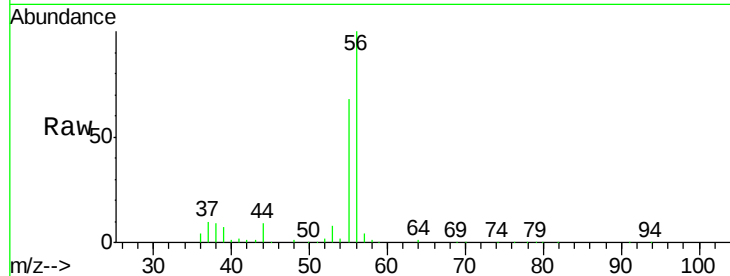




#13
Acrolein
Concen: 283.13 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

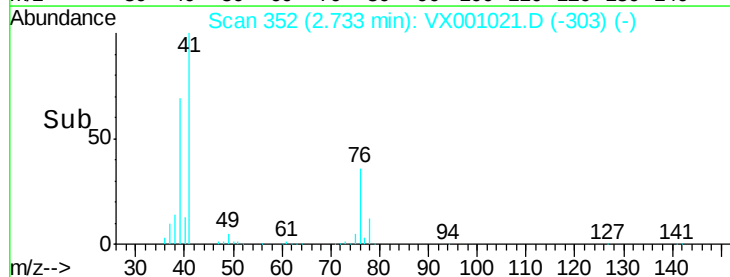
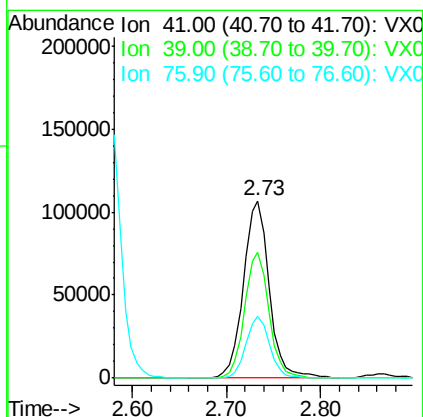
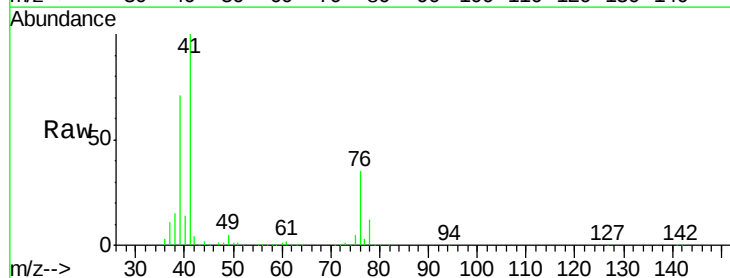
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 39494
Ion Ratio Lower Upper
56 100
55 72.3 57.4 86.2



#14
Allyl chloride
Concen: 49.59 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 41 Resp: 203688
Ion Ratio Lower Upper
41 100
39 67.3 53.0 79.6
76 32.0 25.9 38.9





#15

Acrylonitrile

Concen: 249.71 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :

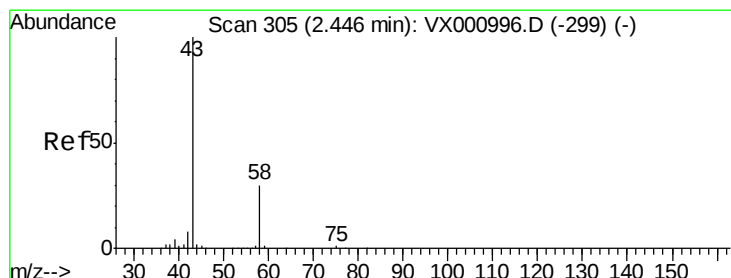
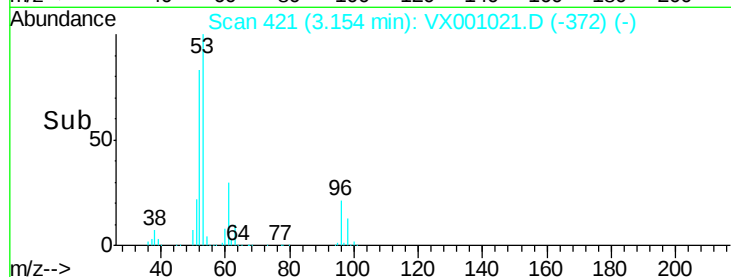
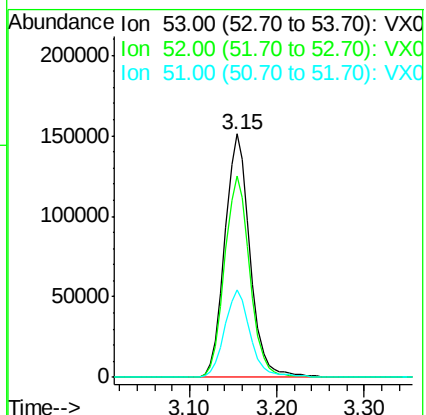
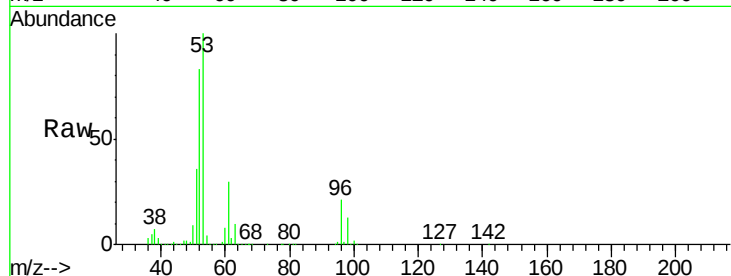
Tot Ion: 53 Resp: 300974

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

51 36.5 29.0 43.6



#16

Acetone

Concen: 248.53 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX001021.D

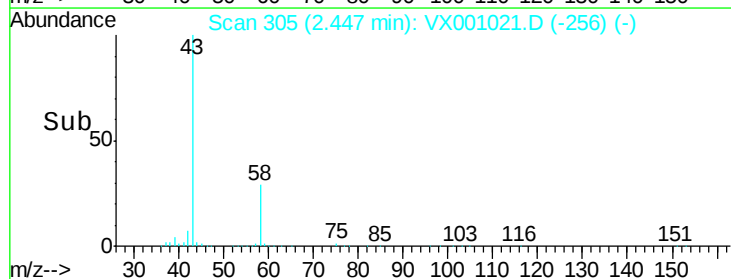
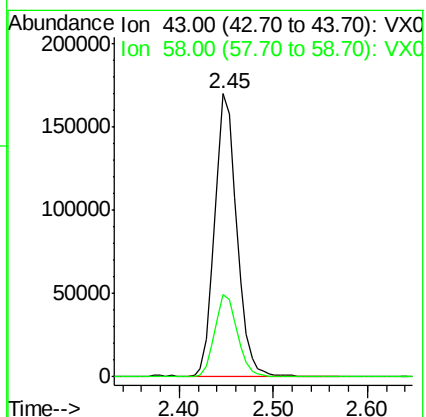
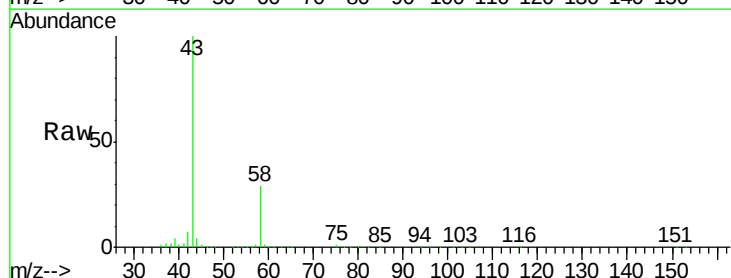
Acq: 20 Apr 2018 20:32

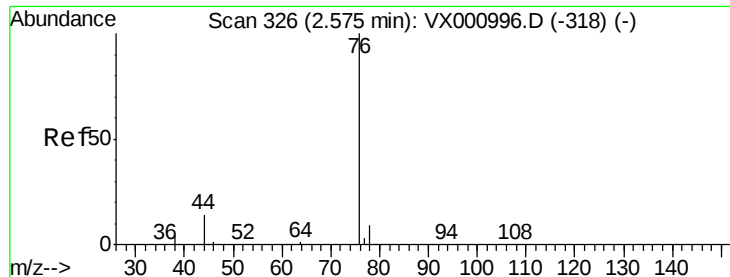
Tgt Ion: 43 Resp: 276363

Ion Ratio Lower Upper

43 100

58 29.1 23.7 35.5

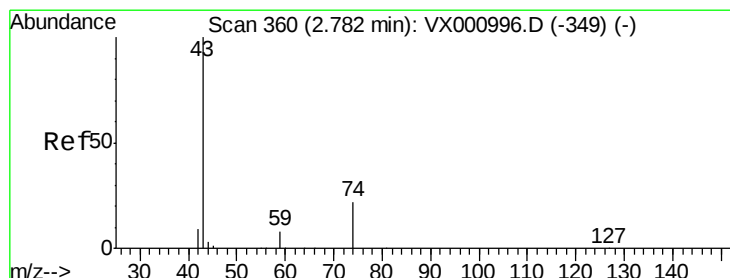
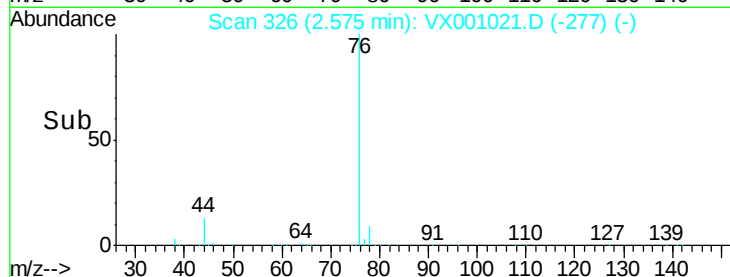
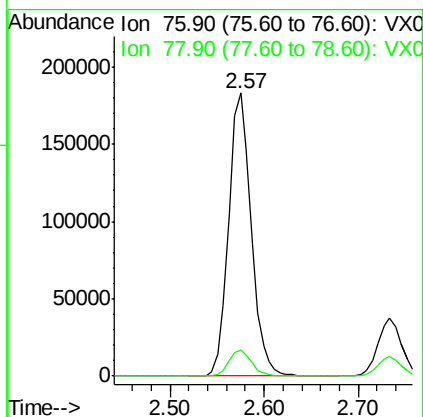
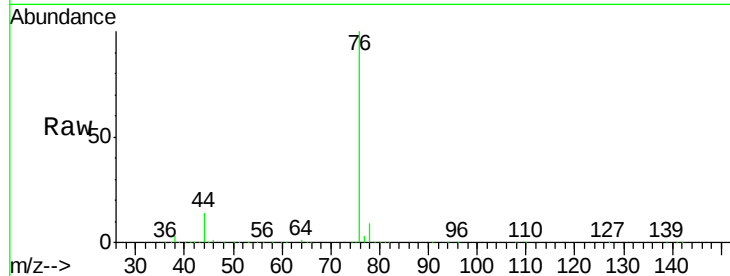




#17
Carbon Disulfide
Concen: 47.09 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

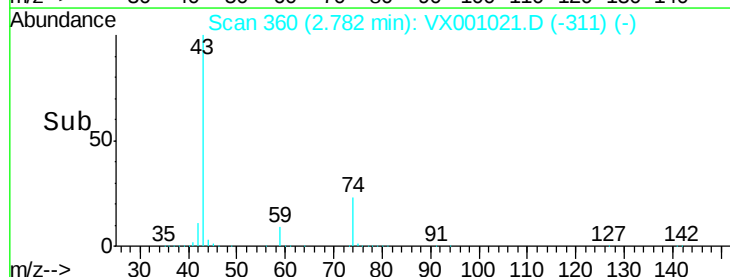
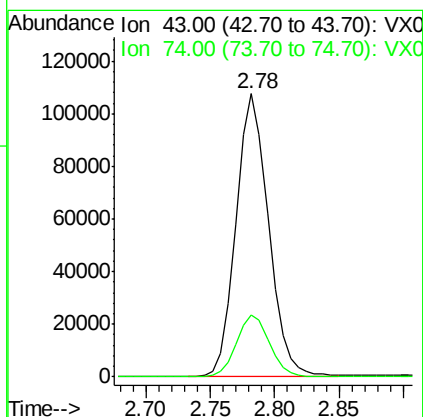
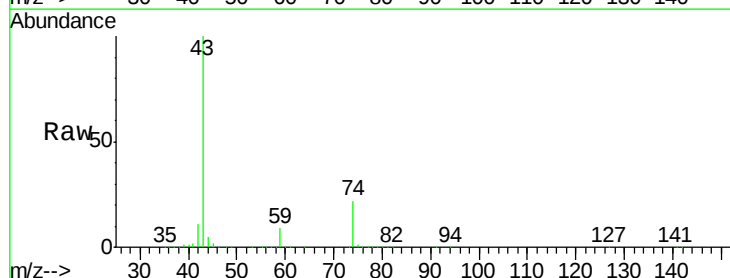
Instrument :
MSVOA_X
ClientSampleId :

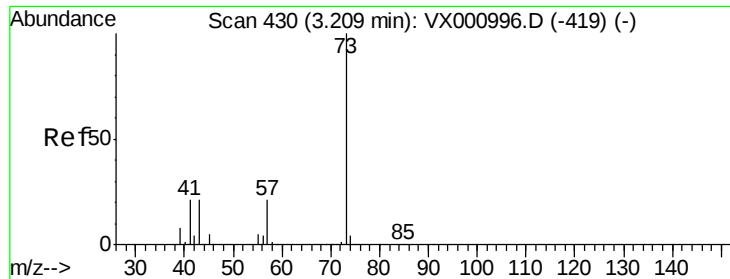
Tot Ion: 76 Resp: 304641
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 55.77 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 43 Resp: 187657
Ion Ratio Lower Upper
43 100
74 22.5 18.3 27.5

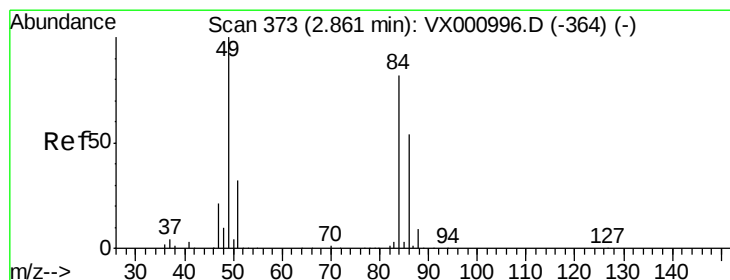
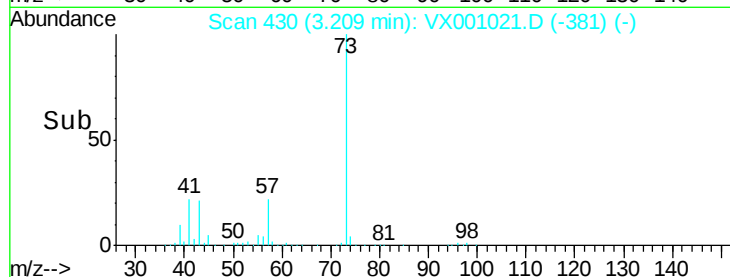
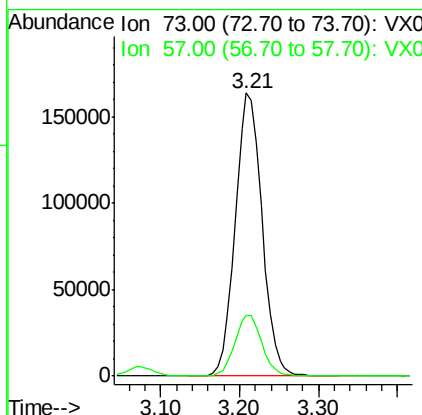
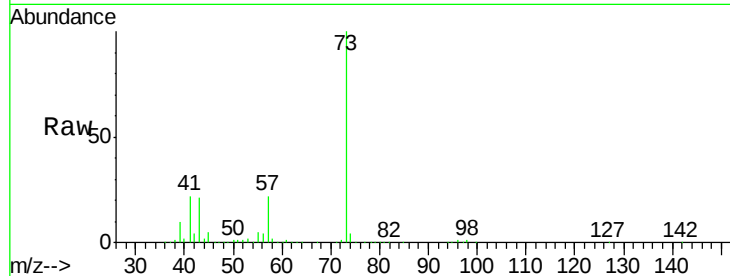




#19
Methvl tert-butvl Ether
Concen: 50.75 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

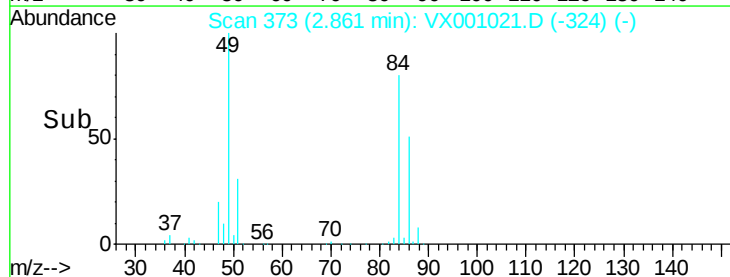
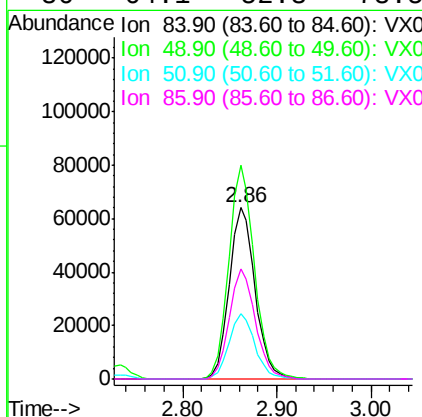
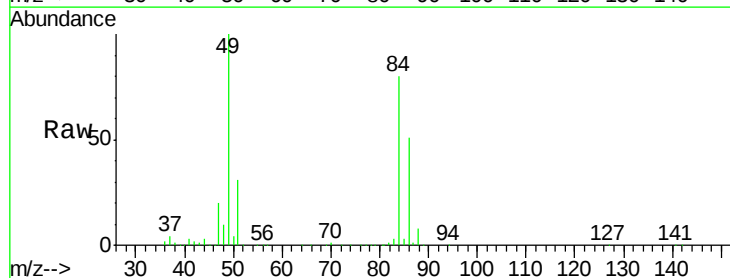
Instrument :
MSVOA_X
ClientSampleId :

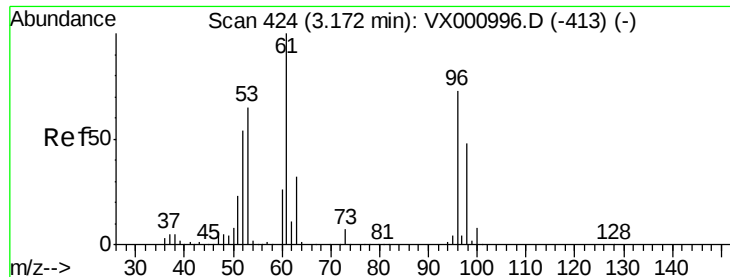
Tot Ion: 73 Resp: 387218
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 52.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 84 Resp: 122544
Ion Ratio Lower Upper
84 100
49 124.7 97.1 145.7
51 38.4 30.8 46.2
86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.31 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :

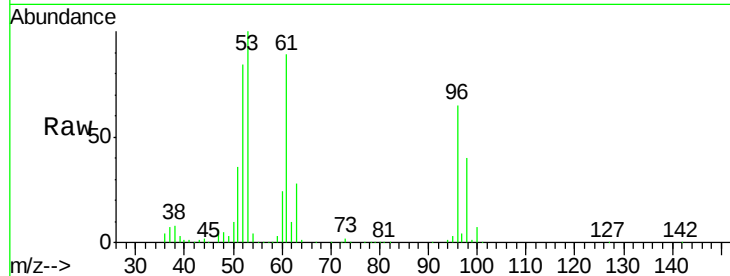
Tot Ion: 96 Resp: 122058

Ion Ratio Lower Upper

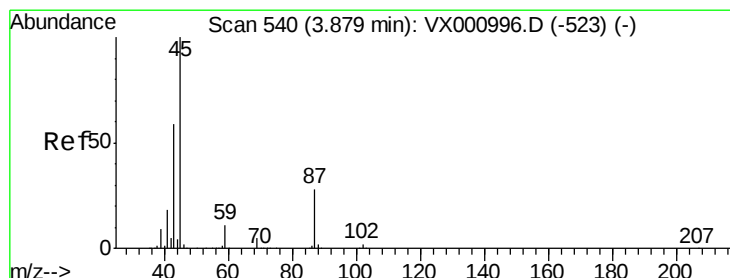
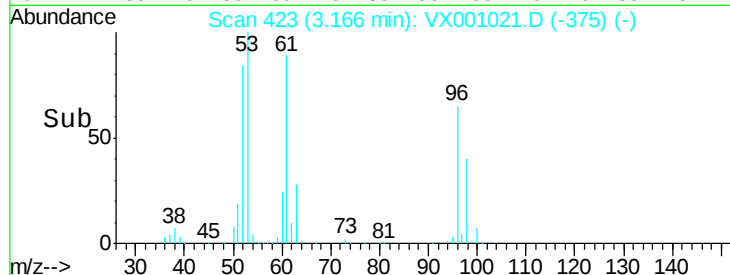
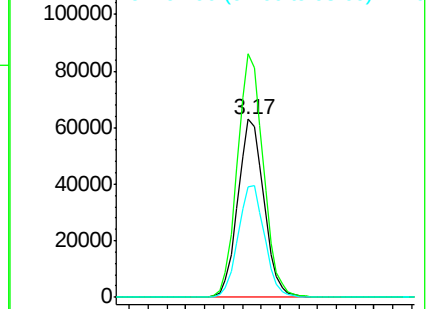
96 100

61 136.6 109.4 164.2

98 62.3 52.6 78.8



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



#22

Diisopropyl ether

Concen: 51.20 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Tgt Ion: 45 Resp: 407149

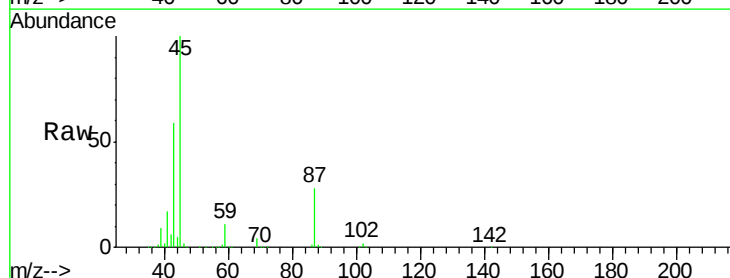
Ion Ratio Lower Upper

45 100

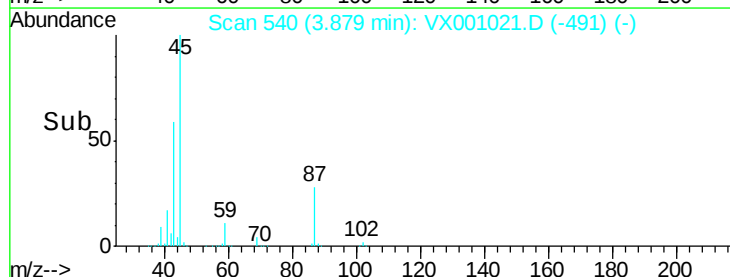
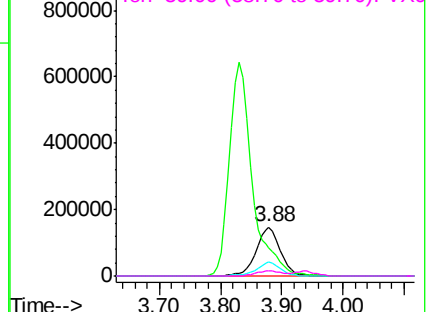
43 58.6 47.0 70.4

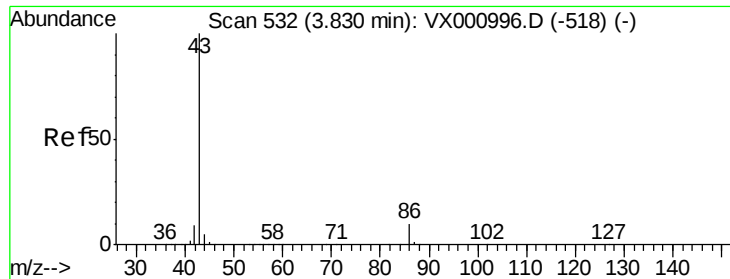
87 28.3 22.5 33.7

59 11.0 8.8 13.2



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





#23

Vinyl Acetate

Concen: 252.87 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

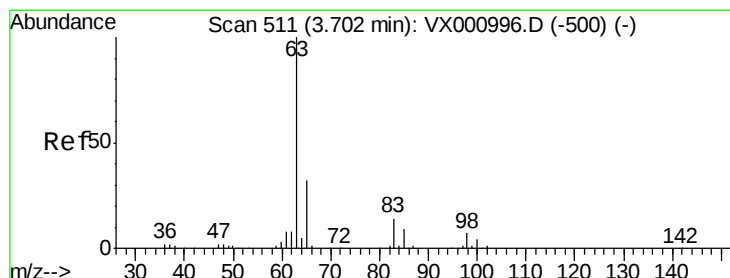
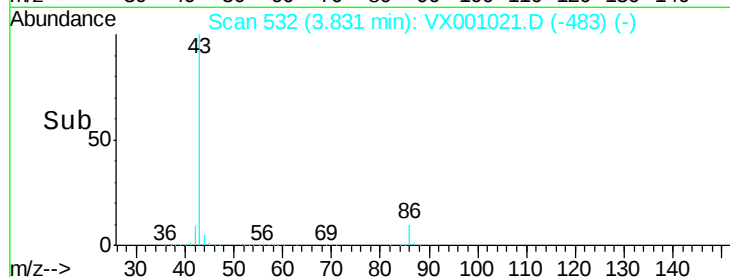
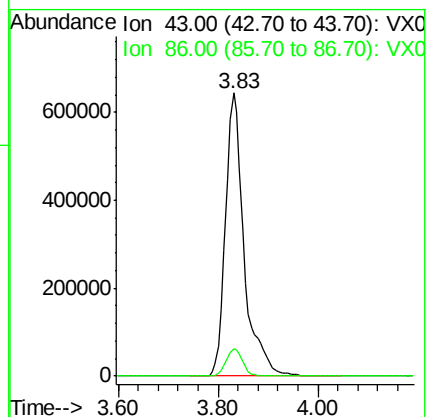
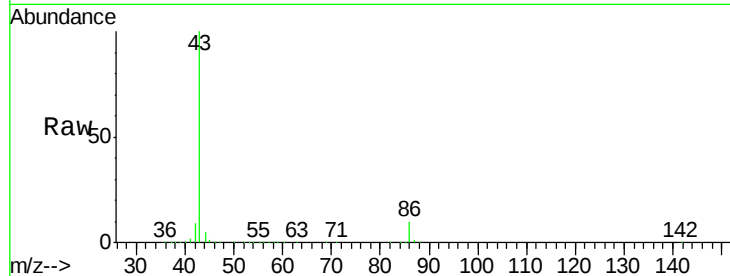
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1664648

Ion Ratio Lower Upper

43 100

86 9.8 8.1 12.1



#24

1,1-Dichloroethane

Concen: 49.58 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

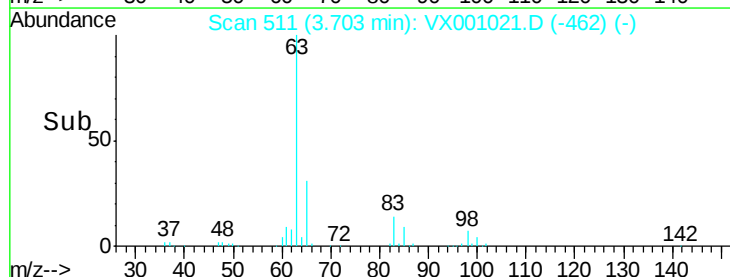
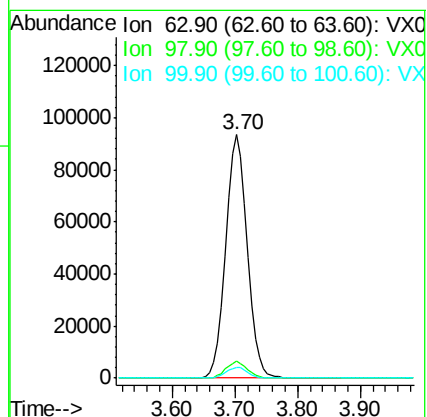
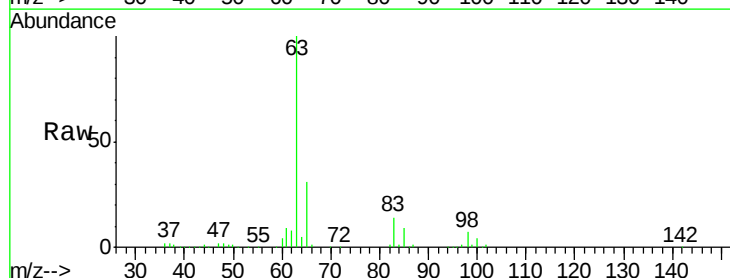
Tgt Ion: 63 Resp: 221144

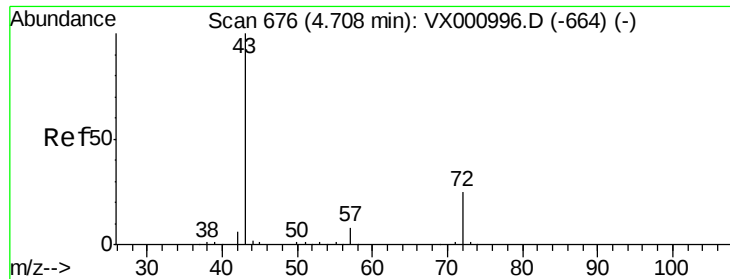
Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 251.96 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

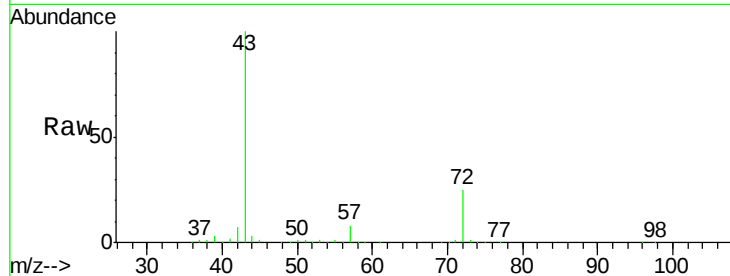
ClientSampleId :

Tot Ion: 43 Resp: 437375

Ion Ratio Lower Upper

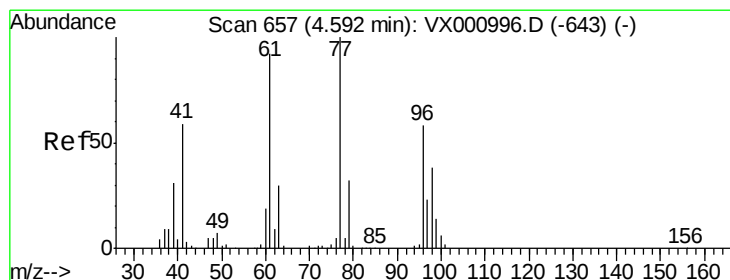
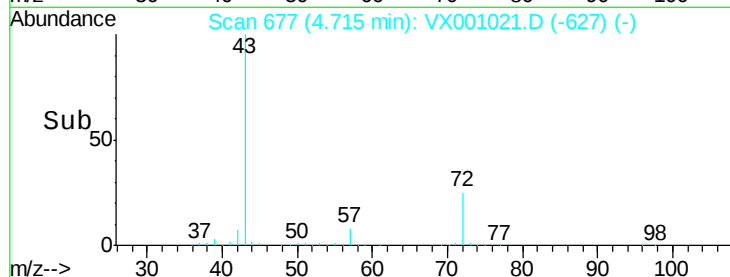
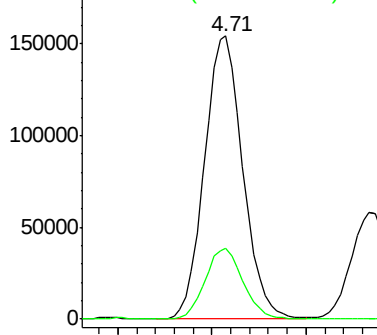
43 100

72 24.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.45 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001021.D

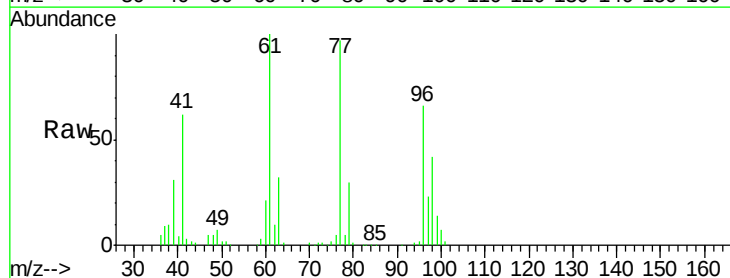
Acq: 20 Apr 2018 20:32

Tgt Ion: 77 Resp: 178227

Ion Ratio Lower Upper

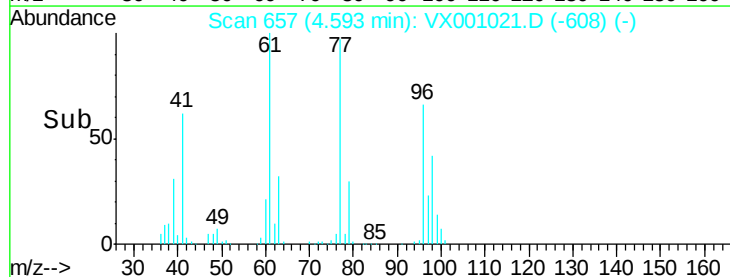
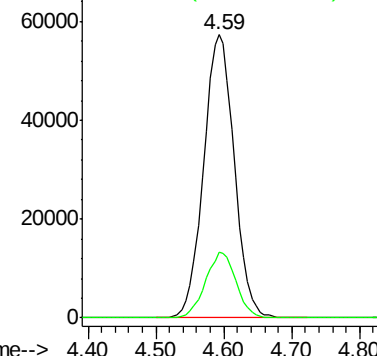
77 100

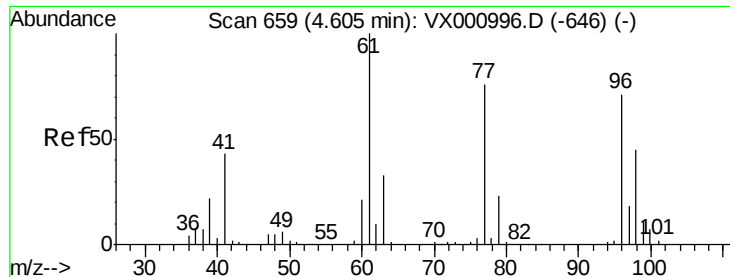
97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 49.46 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampled :

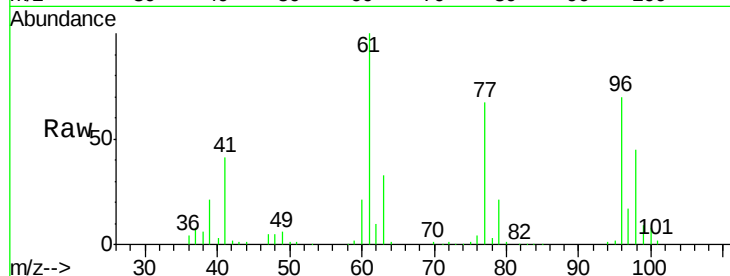
Tot Ion: 96 Resp: 139215

Ion Ratio Lower Upper

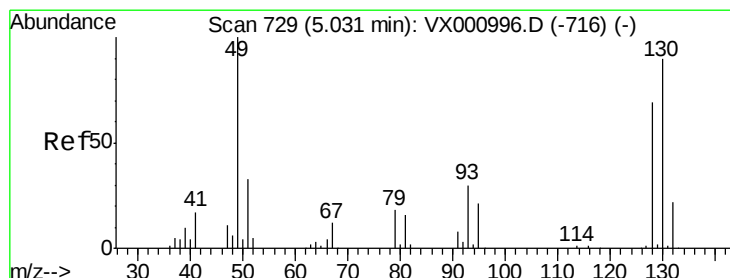
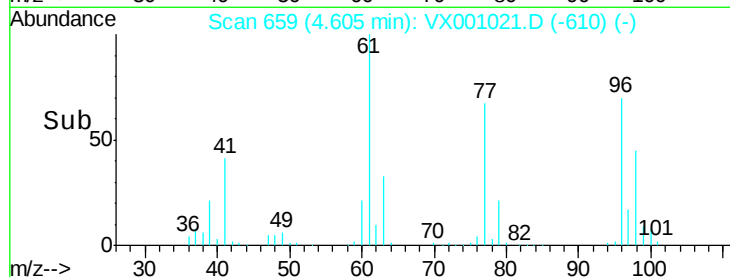
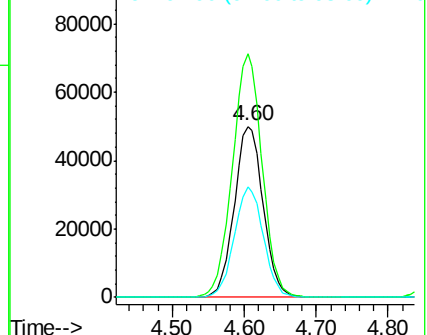
96 100

61 146.7 0.0 297.0

98 64.9 0.0 130.0



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



#28

Bromochloromethane

Concen: 50.65 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

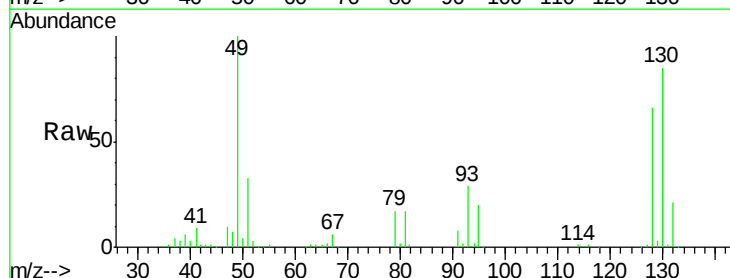
Tgt Ion: 49 Resp: 86875

Ion Ratio Lower Upper

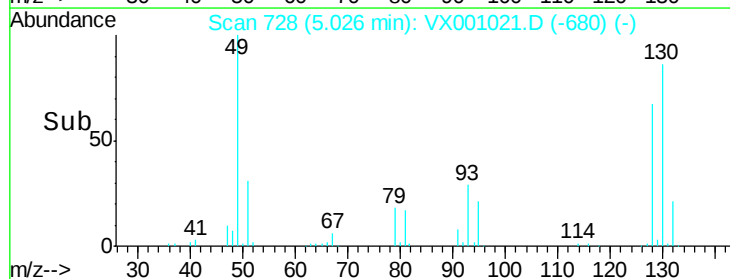
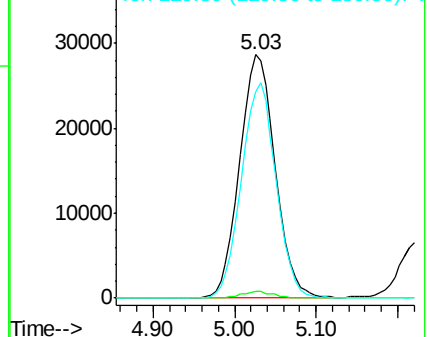
49 100

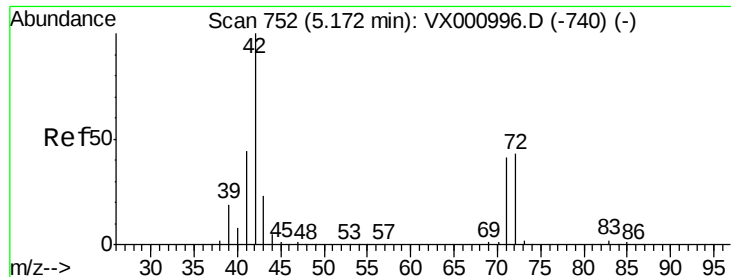
129 2.4 0.0 4.8

130 86.1 70.6 105.8



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

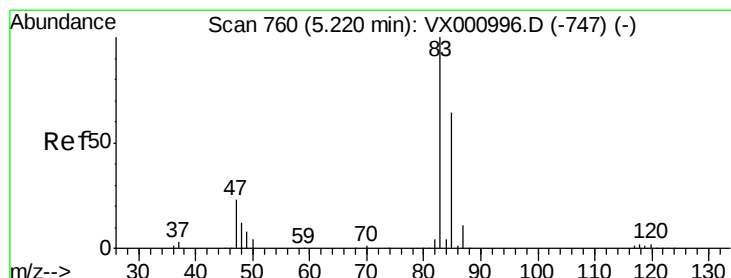
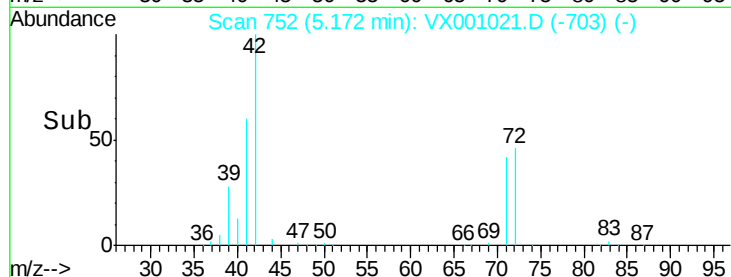
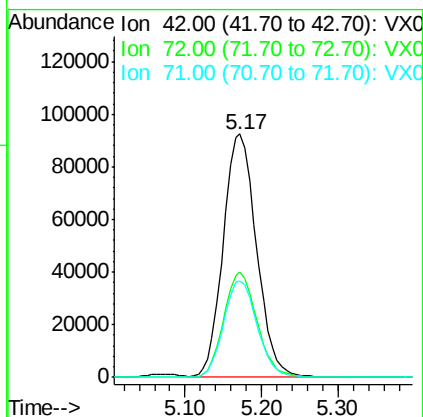
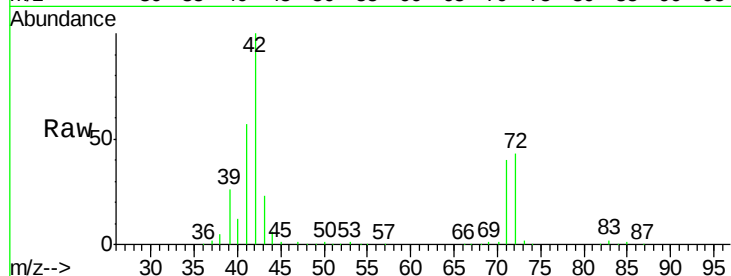




#29
Tetrahydrofuran
Concen: 252.93 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

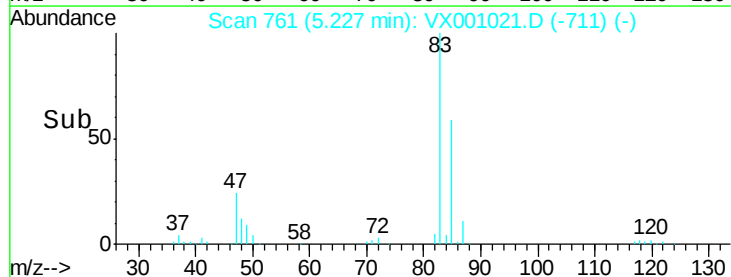
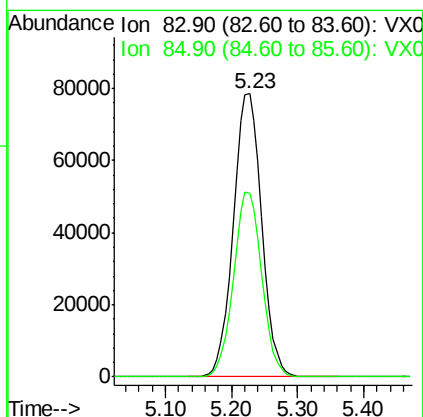
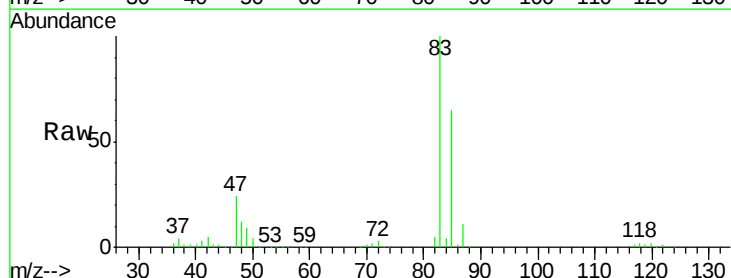
Instrument :
MSVOA_X
ClientSampled :

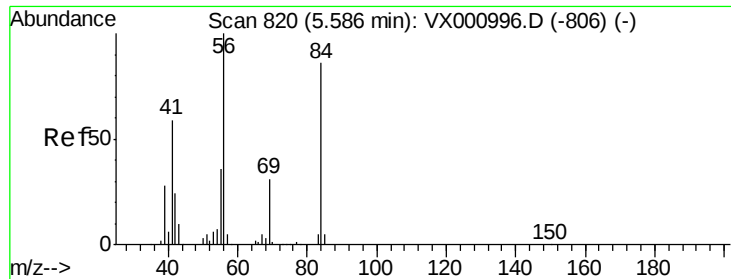
Tot Ion: 42 Resp: 277440
Ion Ratio Lower Upper
42 100
72 43.3 34.6 52.0
71 40.3 32.6 49.0



#30
Chloroform
Concen: 50.52 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 83 Resp: 233346
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9

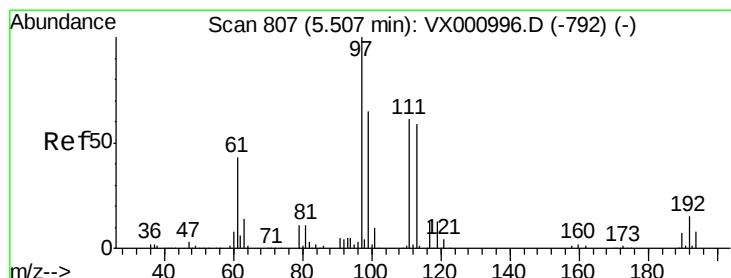
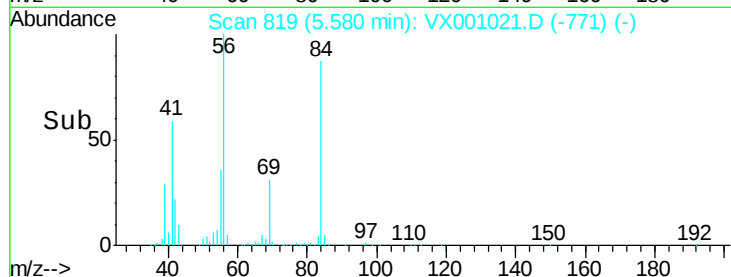
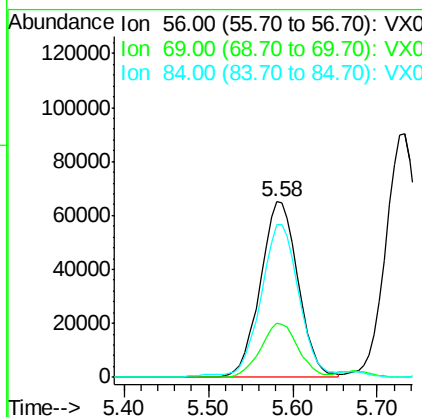
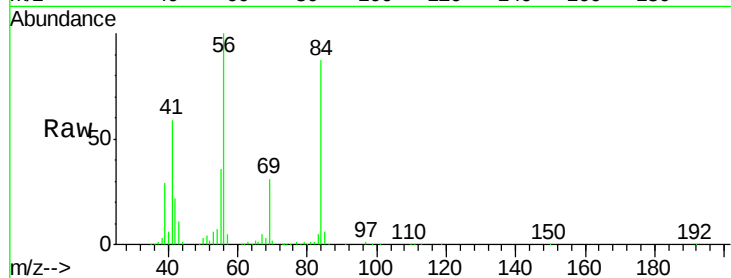




#31
Cyclohexane
Concen: 48.22 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

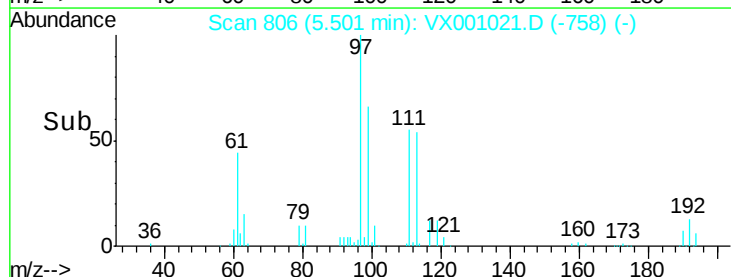
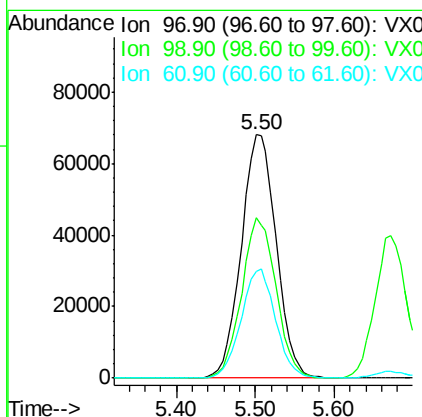
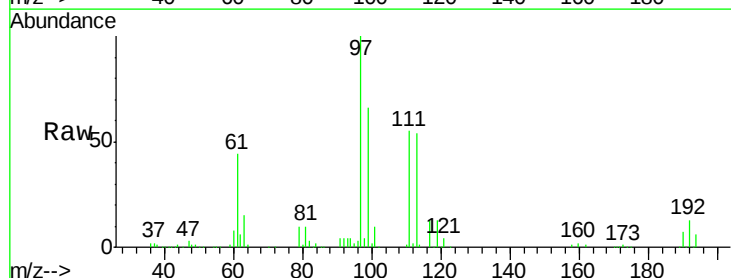
Instrument :
MSVOA_X
ClientSampled :

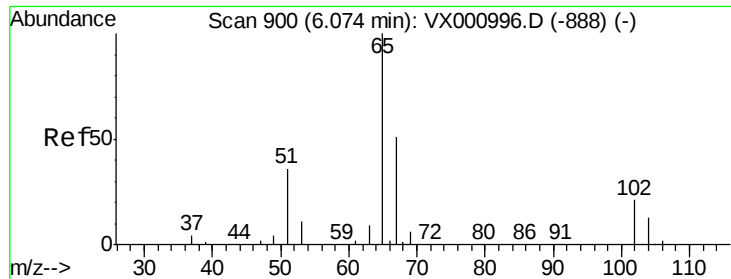
Tot Ion: 56 Resp: 200759
Ion Ratio Lower Upper
56 100
69 30.8 24.6 36.8
84 86.3 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.64 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 97 Resp: 209744
Ion Ratio Lower Upper
97 100
99 64.9 51.1 76.7
61 44.2 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 48.78 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

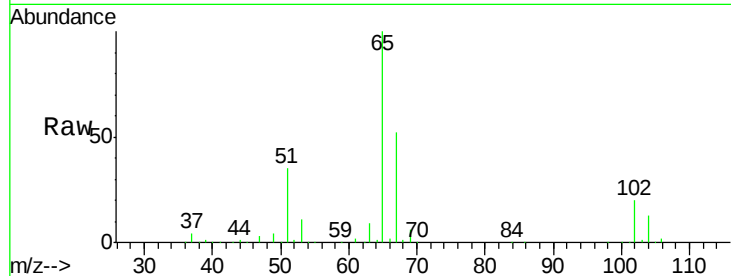
ClientSampleId :

Tot Ion: 65 Resp: 144056

Ion Ratio Lower Upper

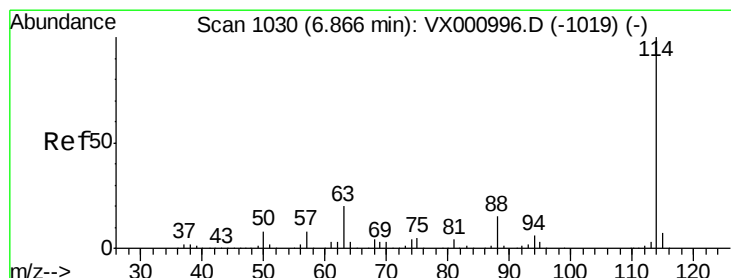
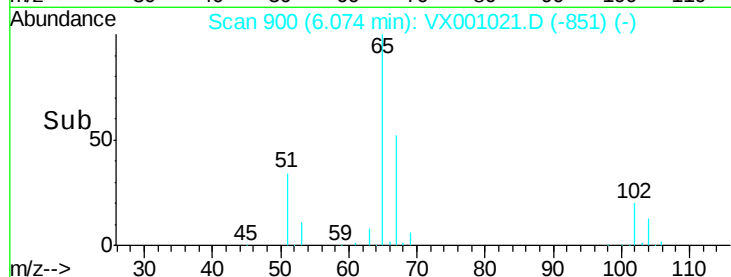
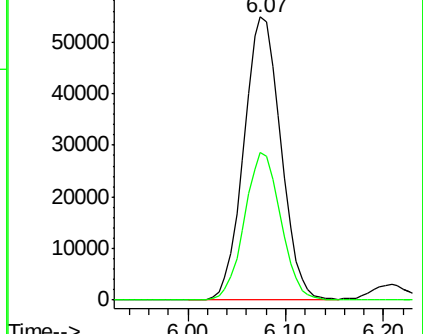
65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

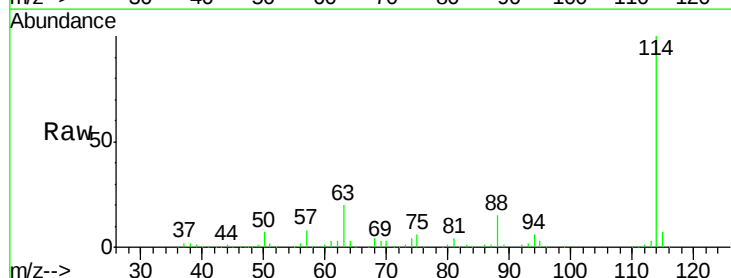
Tgt Ion: 114 Resp: 317983

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.4

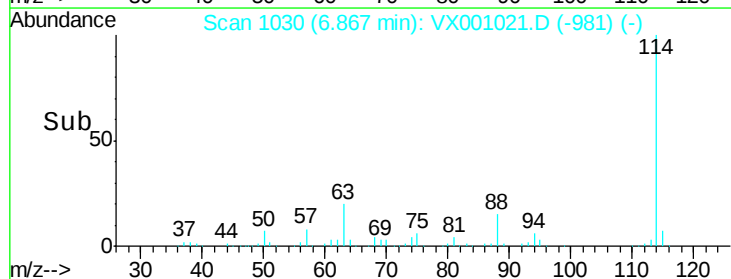
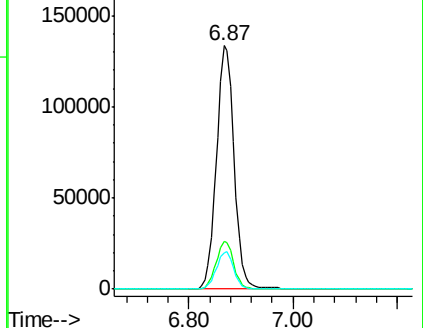
88 15.0 0.0 29.8

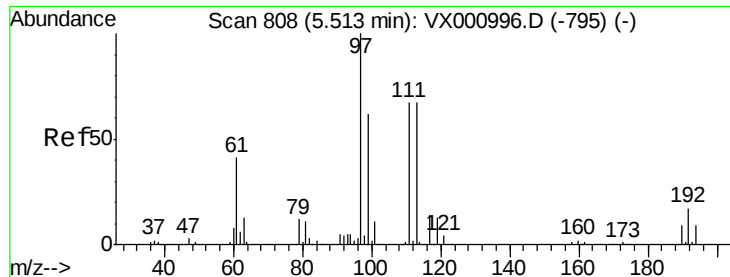


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

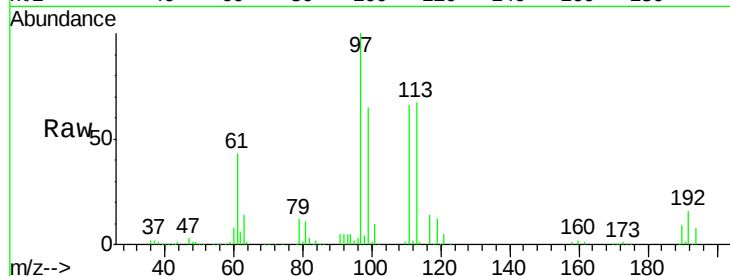




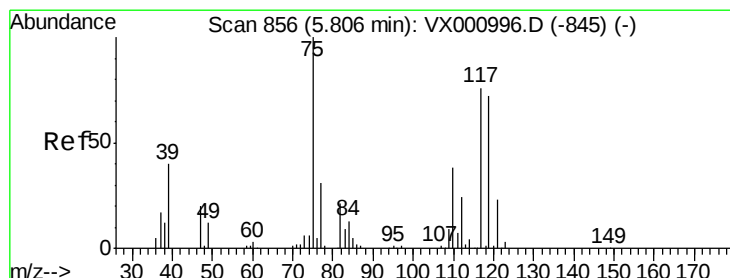
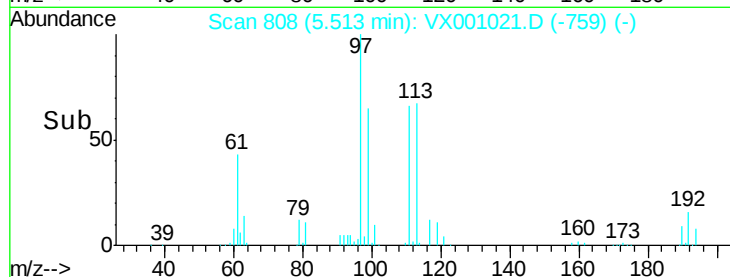
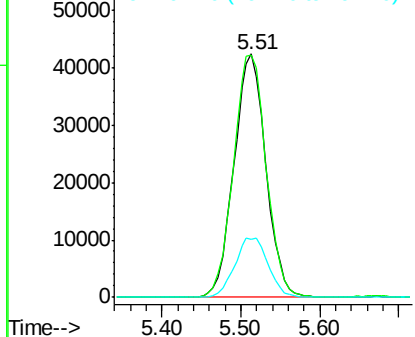
#35
 Dibromofluoromethane
 Concen: 49.10 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 119045
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 25.7 20.4 30.6

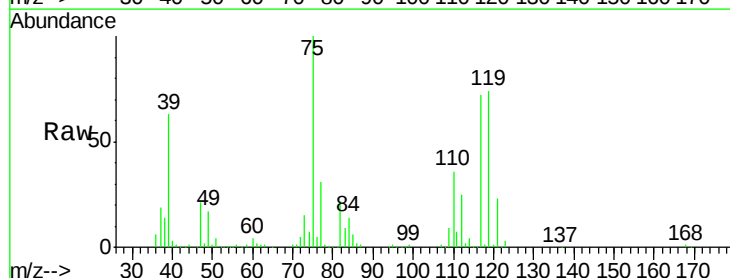


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

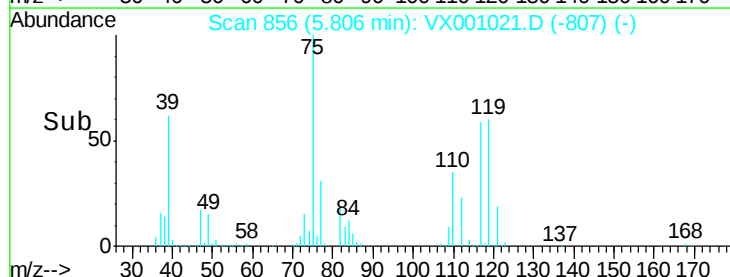
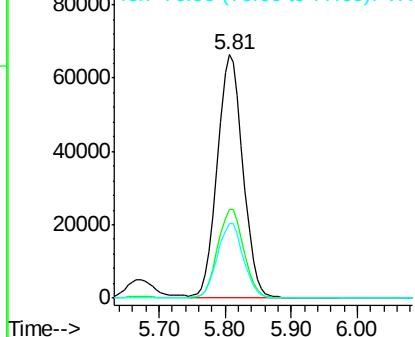


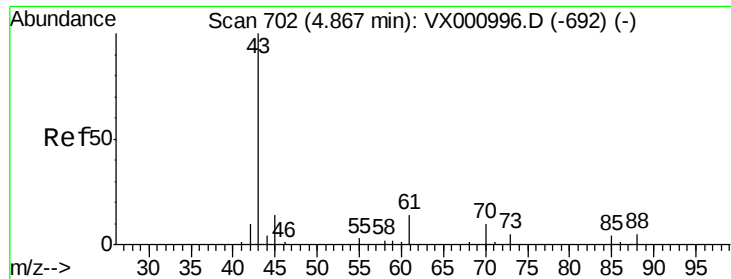
#36
 1,1-Dichloropropene
 Concen: 47.71 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion: 75 Resp: 178297
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.7 56.1
 77 31.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

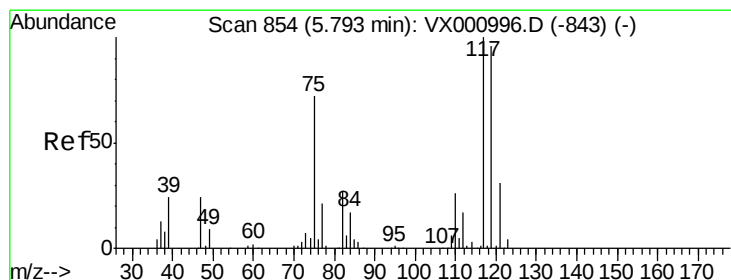
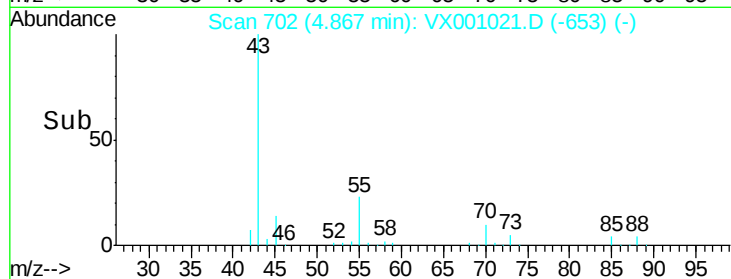
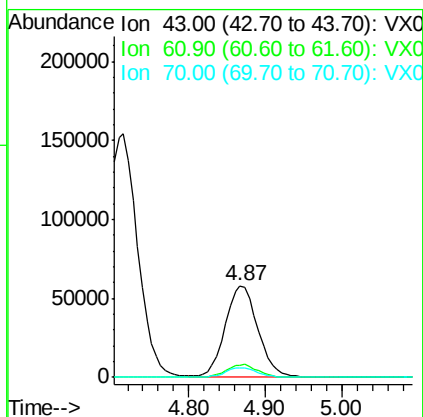
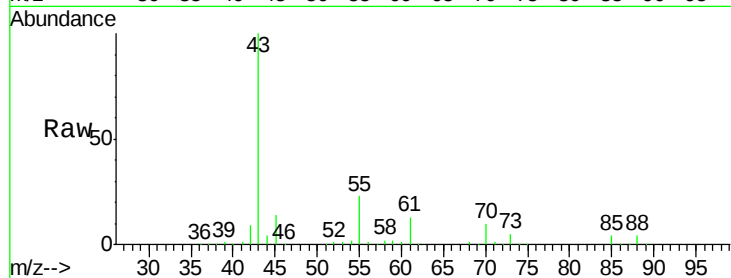




#37
Ethyl Acetate
Concen: 49.81 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

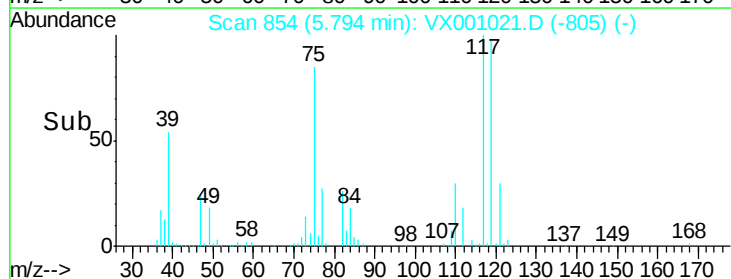
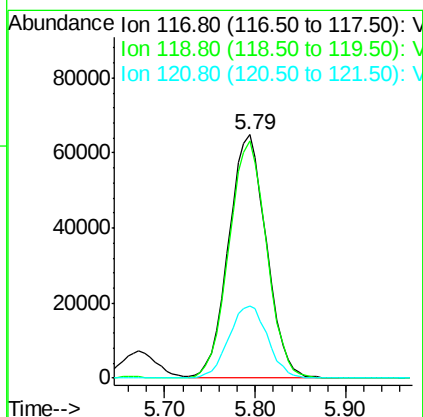
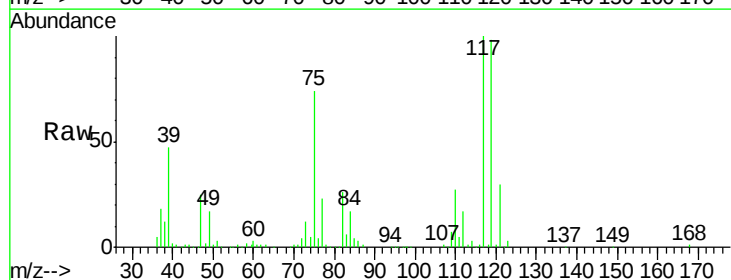
Instrument :
MSVOA_X
ClientSampleId :

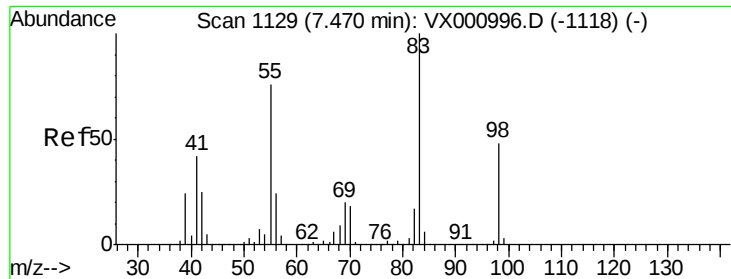
Tot Ion: 43 Resp: 170731
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.5 8.3 12.5



#38
Carbon Tetrachloride
Concen: 49.48 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 117 Resp: 187221
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7
121 29.8 24.5 36.7

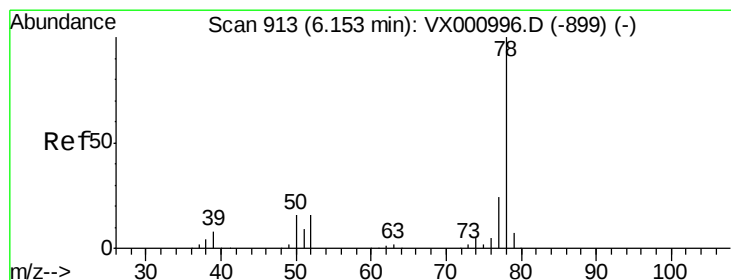
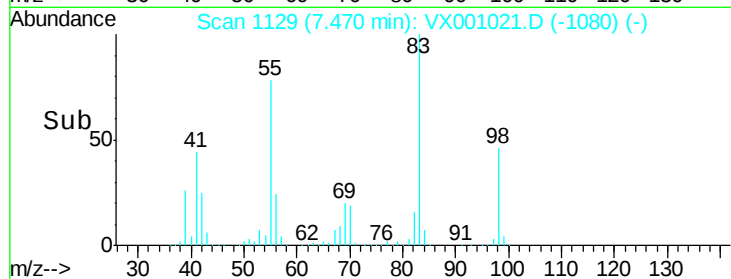
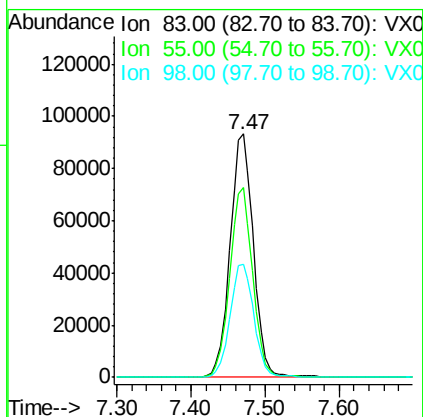
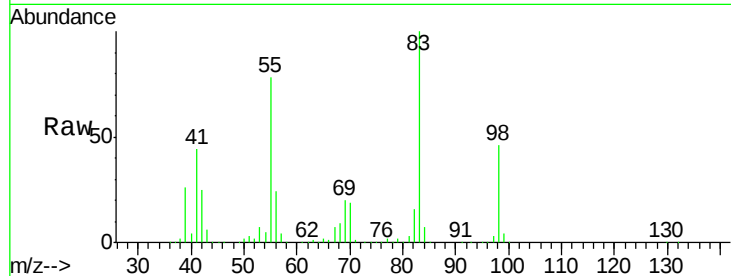




#39
Methvlcvclohexane
Concen: 47.04 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

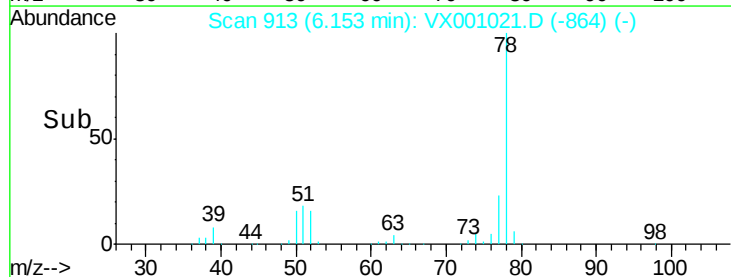
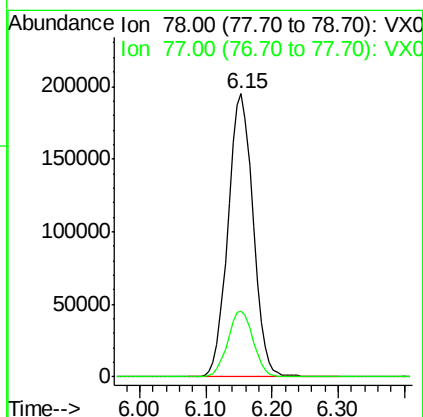
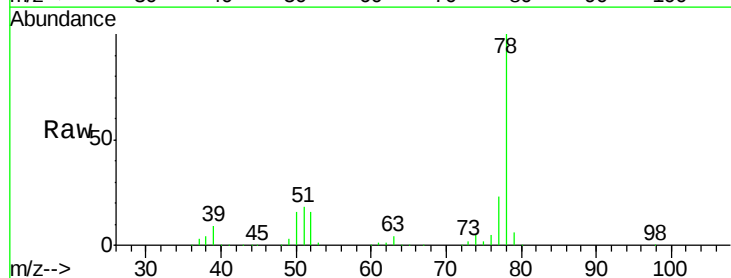
Instrument :
MSVOA_X
ClientSampleId :

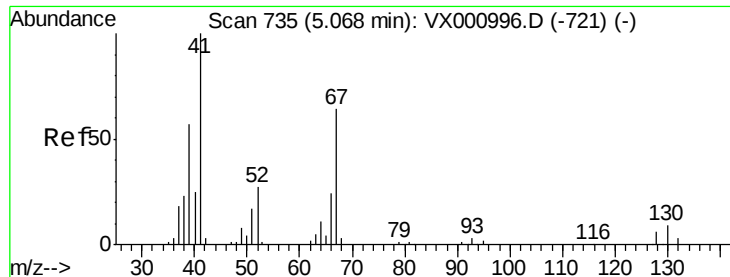
Tot Ion: 83 Resp: 204612
Ion Ratio Lower Upper
83 100
55 77.8 60.6 91.0
98 46.4 38.2 57.4



#40
Benzene
Concen: 49.45 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 78 Resp: 513672
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

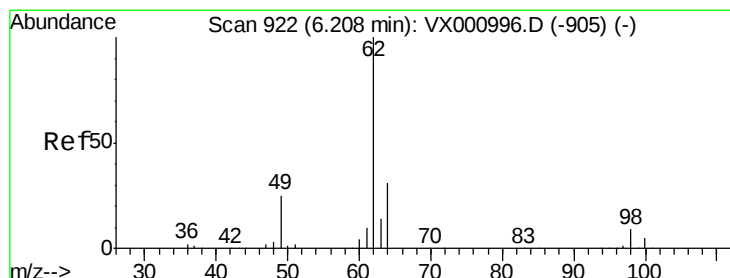
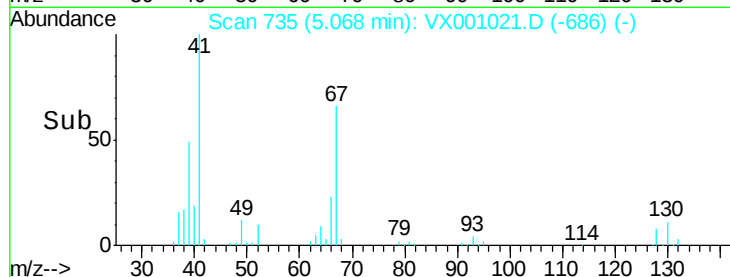
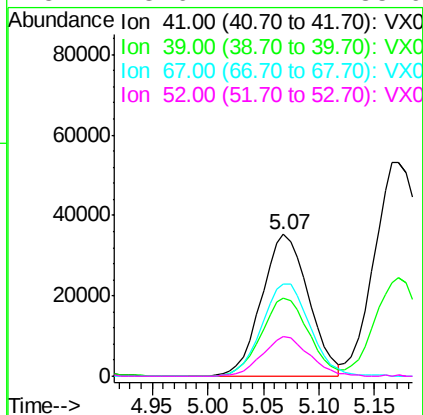
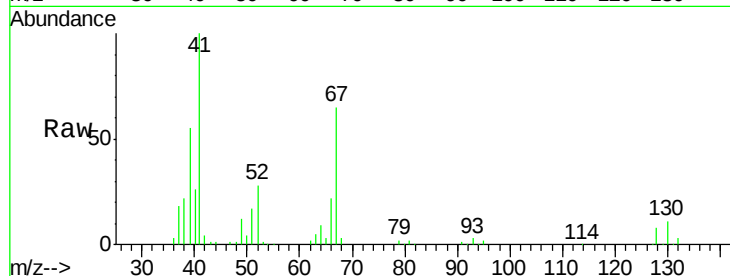




#41
Methacrylonitrile
Concen: 48.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

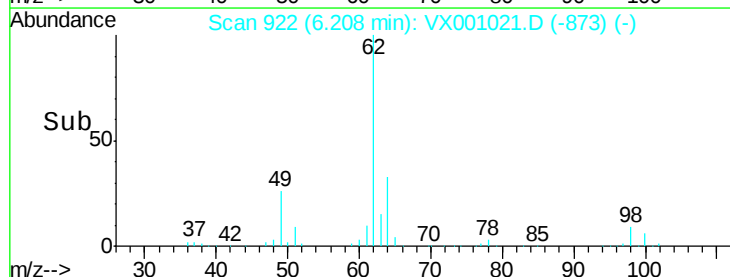
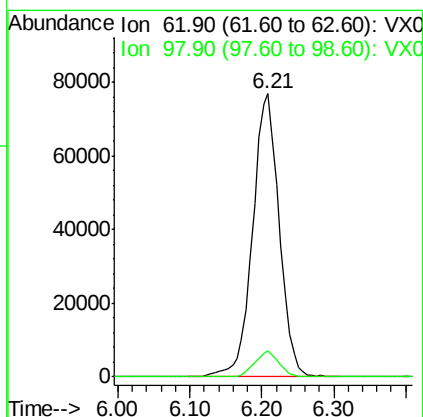
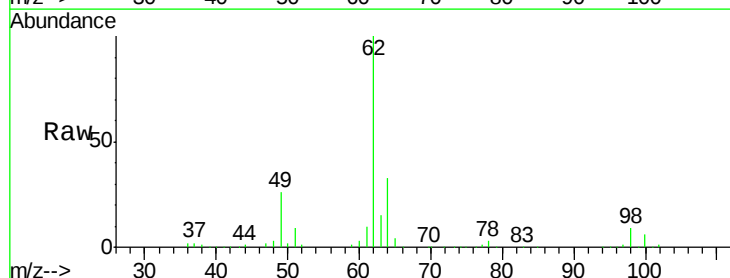
Instrument :
MSVOA_X
ClientSampleId :

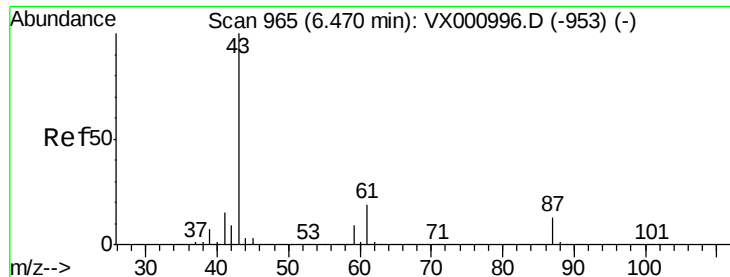
Tot Ion:	41	Resp:	102755
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.2	67.8
67	67.4	53.8	80.8
52	28.6	22.4	33.6



#42
1,2-Dichloroethane
Concen: 49.45 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion:	62	Resp:	197171
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



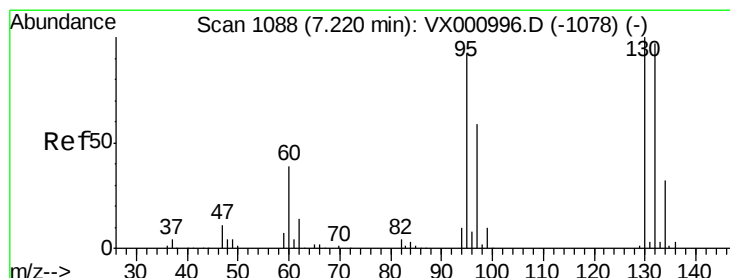
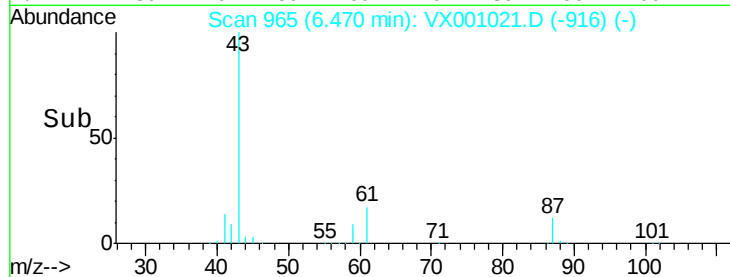
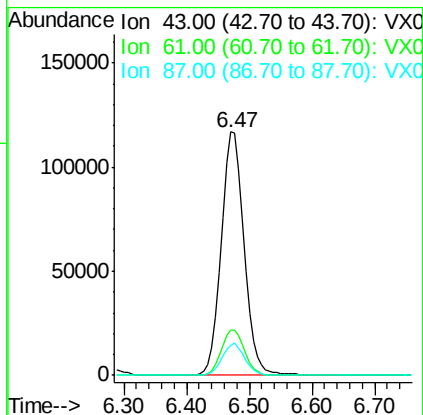
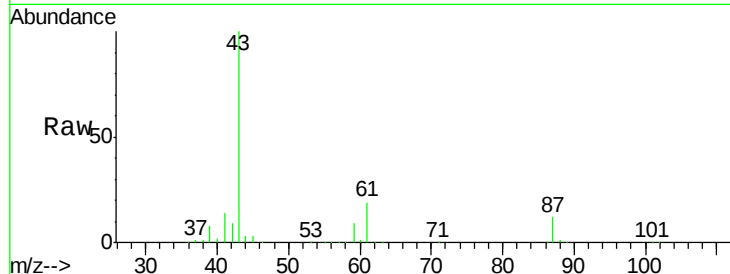


#43

Isopropyl Acetate
 Concen: 50.02 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :

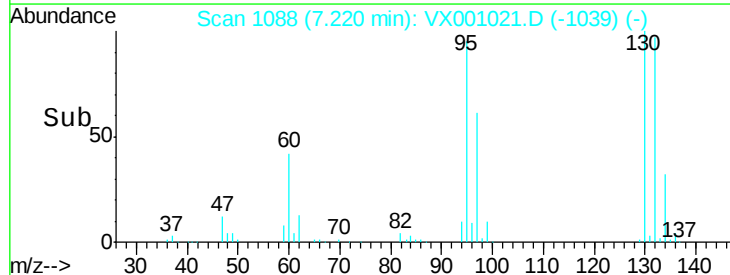
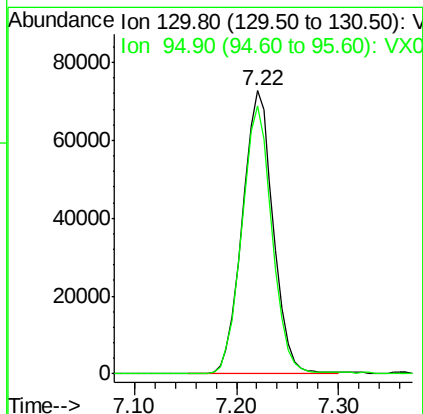
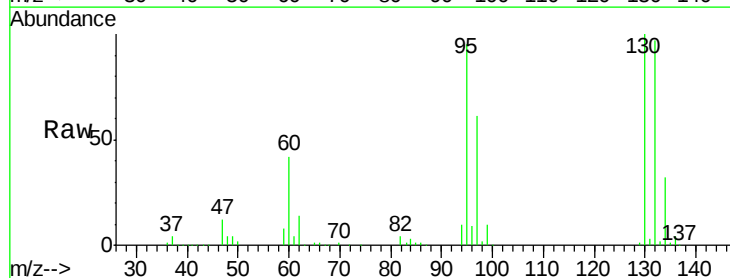
Tot Ion	43	Resp	294173
Ion Ratio	Lower	Upper	
43	100		
61	19.0	15.4	23.2
87	13.0	10.6	15.8

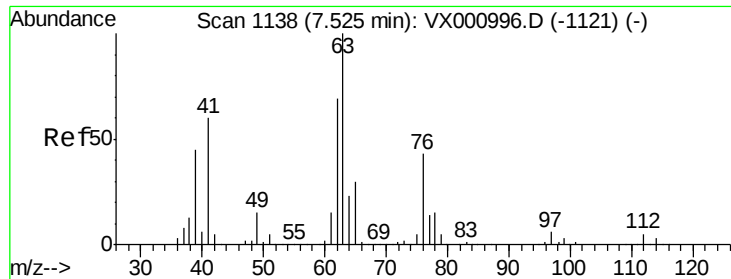


#44

Trichloroethene
 Concen: 48.11 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion	130	Resp	152711
Ion Ratio	Lower	Upper	
130	100		
95	94.7	0.0	184.2

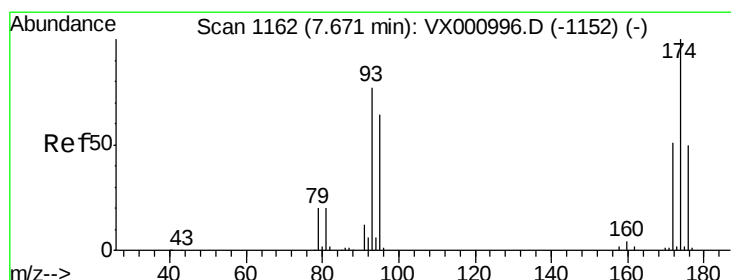
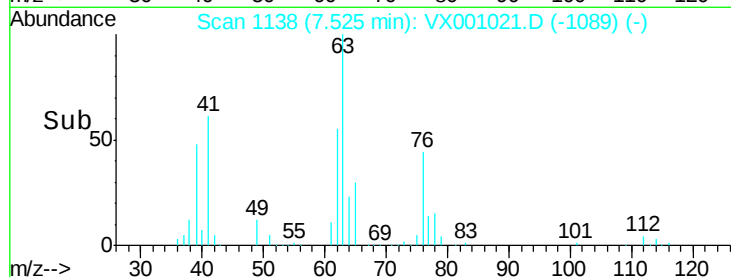
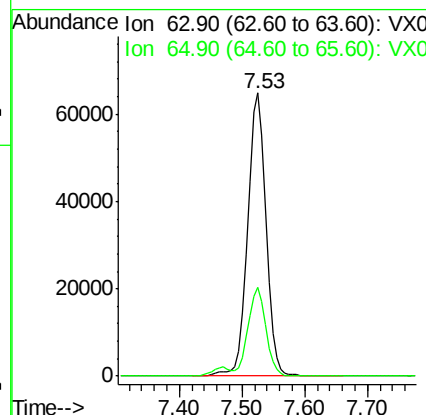
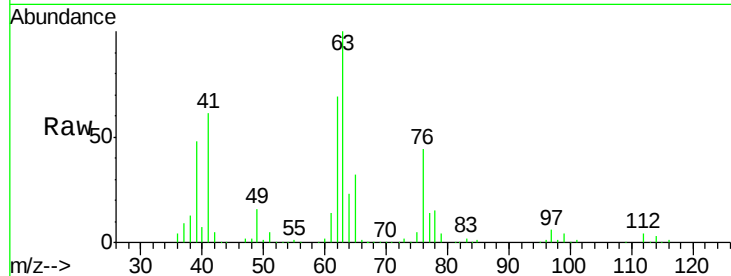




#45
 1,2-Dichloropropane
 Concen: 50.39 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

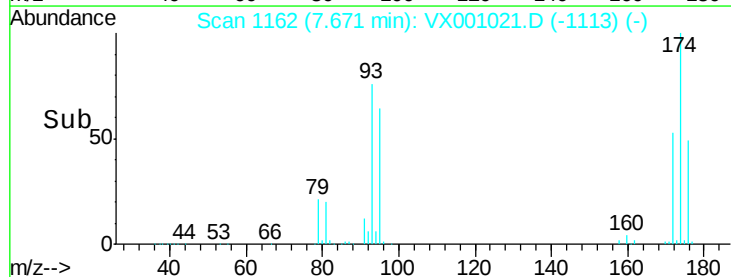
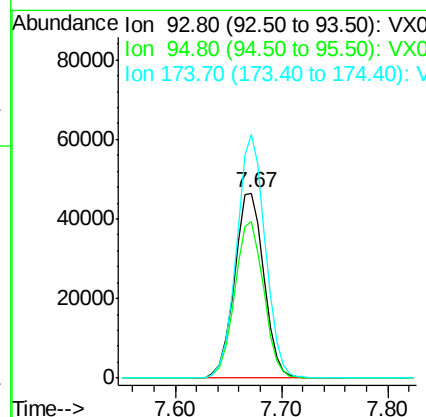
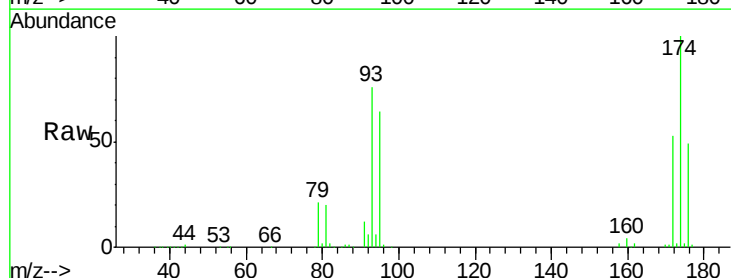
Instrument :
 MSVOA_X
 ClientSampleId :

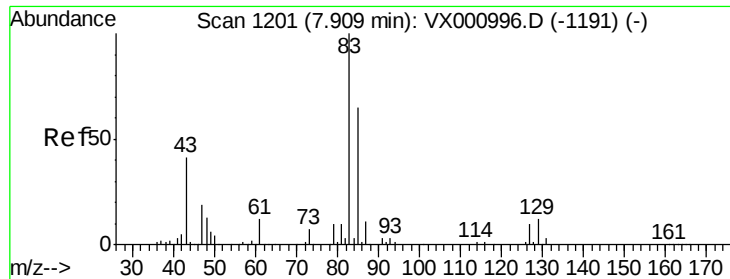
Tot Ion: 63 Resp: 131640
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.4 36.6



#46
 Dibromomethane
 Concen: 49.62 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion: 93 Resp: 90573
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.7 100.1
 174 127.2 101.8 152.6





#47

Bromodichloromethane

Concen: 51.28 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampleId :

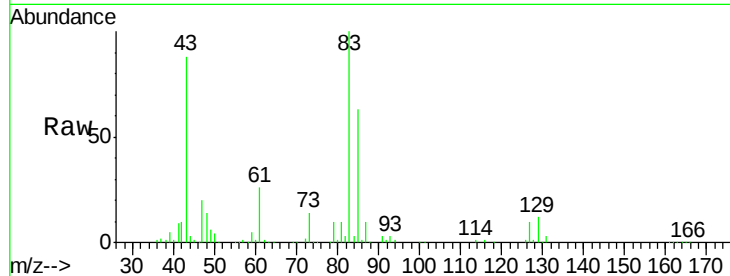
Tot Ion: 83 Resp: 173393

Ion Ratio Lower Upper

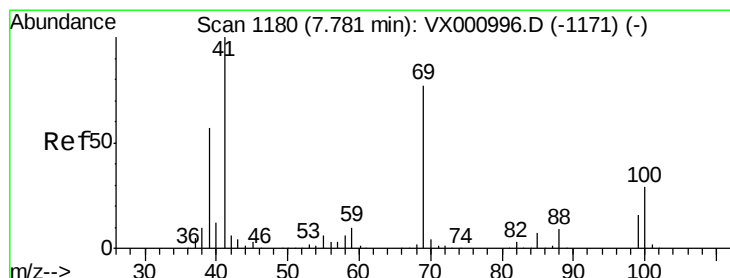
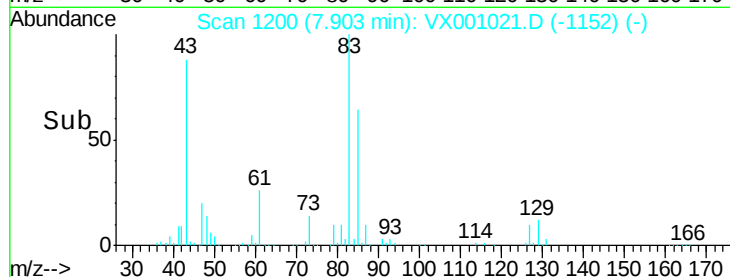
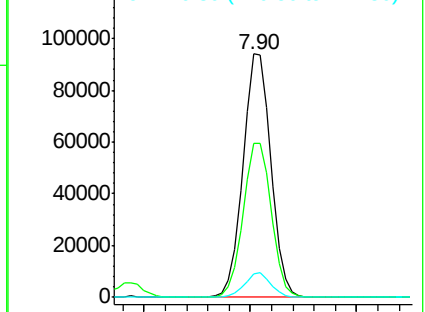
83 100

85 63.4 52.3 78.5

127 9.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.33 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

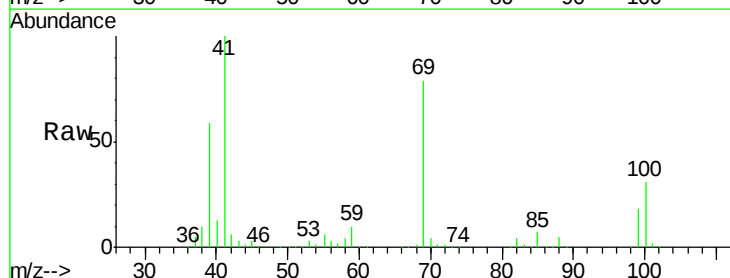
Tgt Ion: 41 Resp: 159359

Ion Ratio Lower Upper

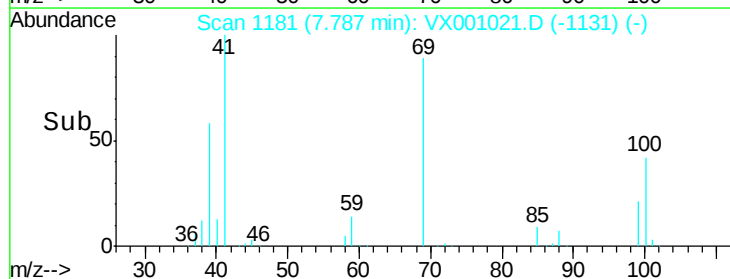
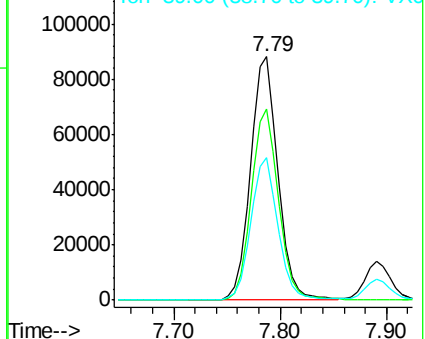
41 100

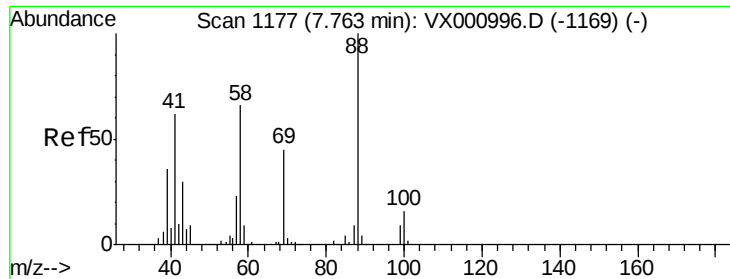
69 78.2 62.6 94.0

39 57.7 45.3 67.9



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

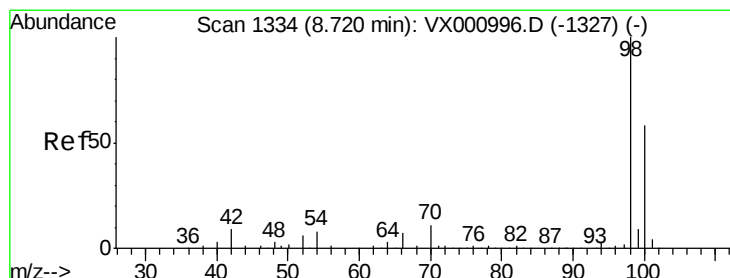
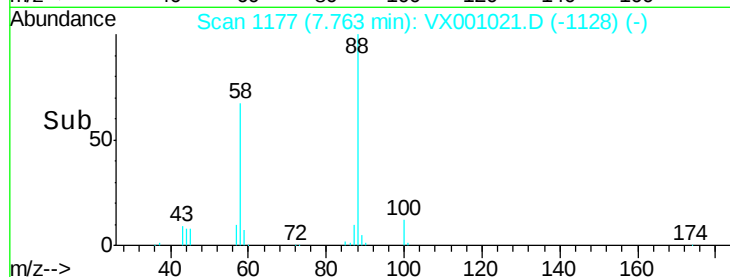
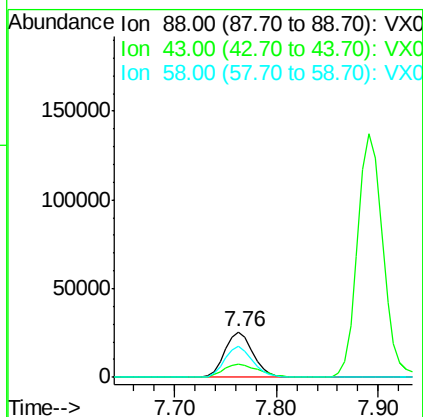
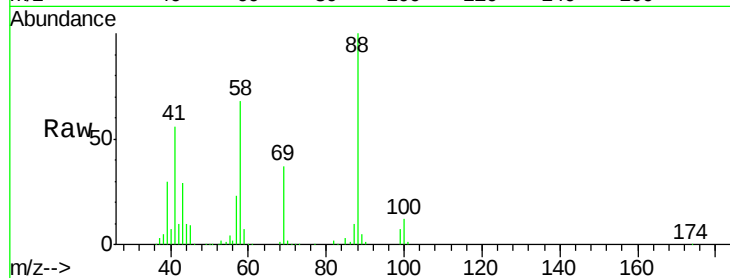




#49
1,4-Dioxane
Concen: 1050.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

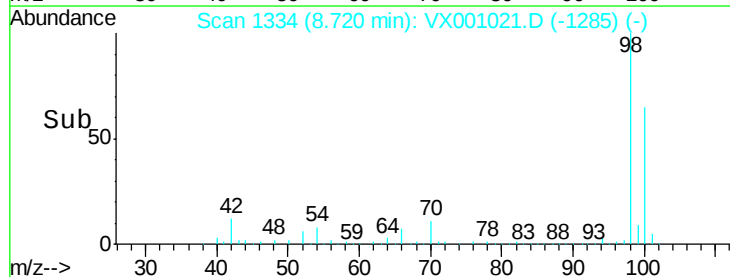
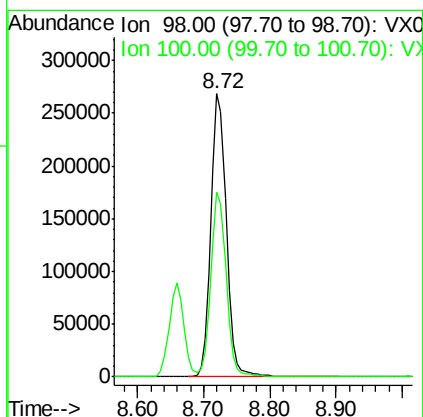
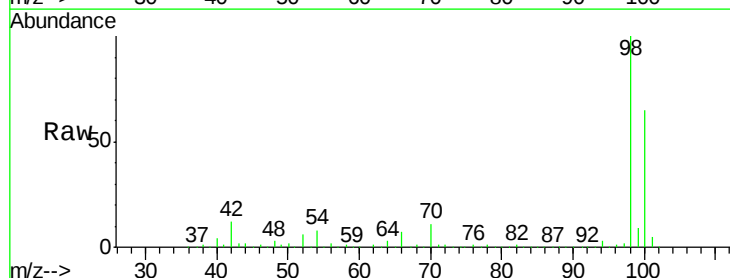
Instrument :
MSVOA_X
ClientSampleId :

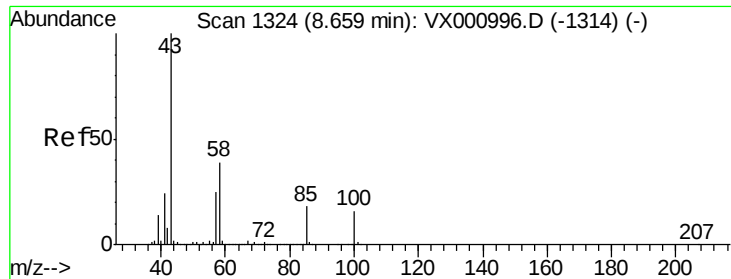
Tot Ion: 88 Resp: 48903
Ion Ratio Lower Upper
88 100
43 35.9 29.2 43.8
58 68.7 55.0 82.6



#50
Toluene-d8
Concen: 48.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 98 Resp: 434128
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 256.14 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

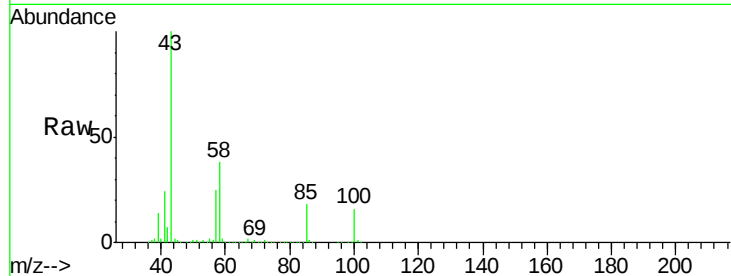
ClientSampled :

Tot Ion: 43 Resp: 914565

Ion Ratio Lower Upper

43 100

58 38.1 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VX000996.D (-1314) (-)

Ion 58.00 (57.70 to 58.70): VX000996.D (-1314) (-)

8.66

600000

500000

400000

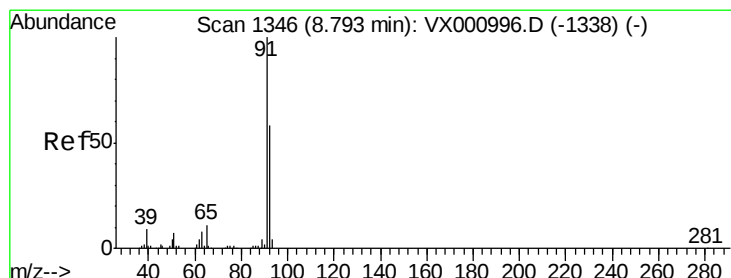
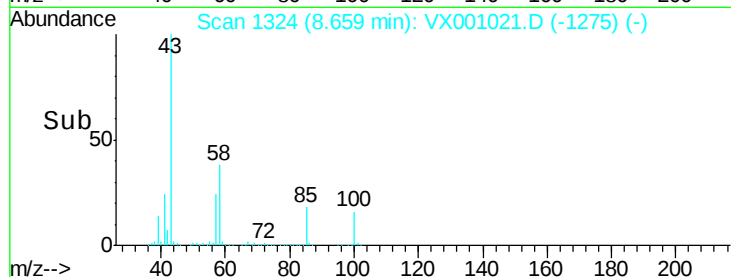
300000

200000

100000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 49.43 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001021.D

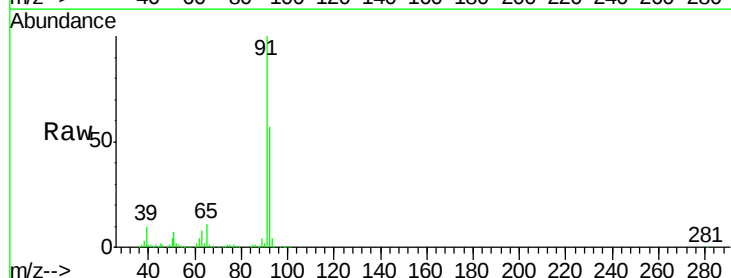
Acq: 20 Apr 2018 20:32

Tgt Ion: 92 Resp: 335161

Ion Ratio Lower Upper

92 100

91 175.1 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX000996.D (-1338) (-)

Ion 91.00 (90.70 to 91.70): VX000996.D (-1338) (-)

8.79

400000

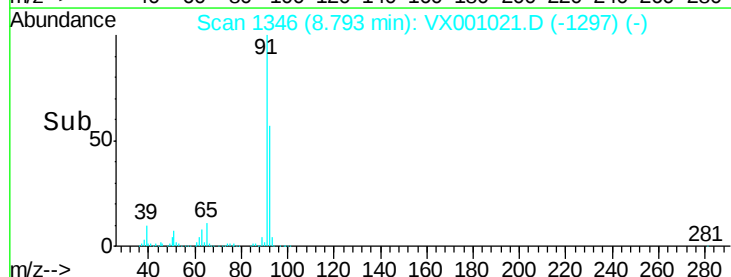
300000

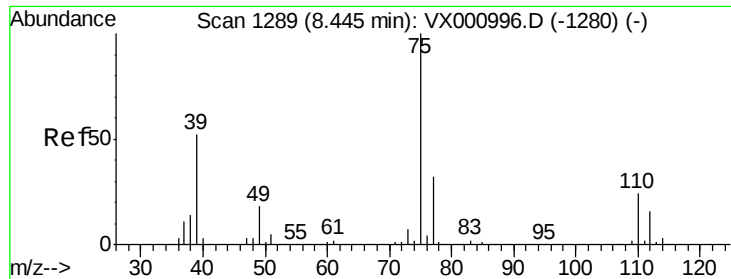
200000

100000

0

Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 51.67 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

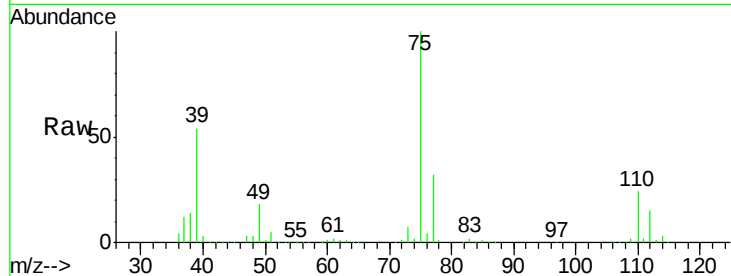
ClientSampled :

Tot Ion: 75 Resp: 208958

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

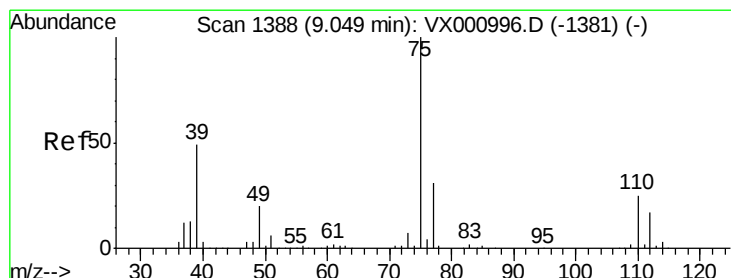
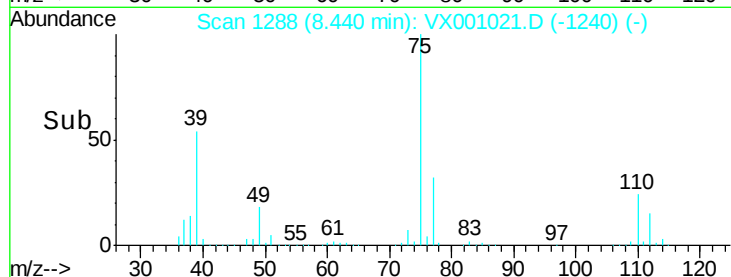
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.63 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

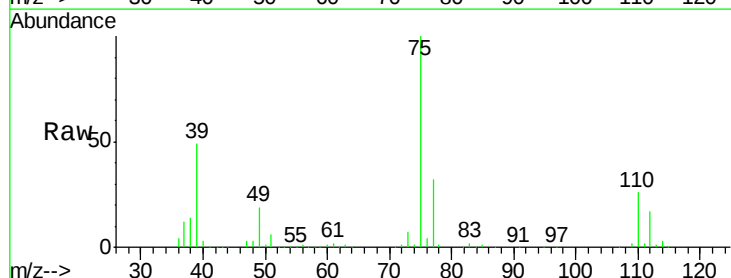
Tgt Ion: 75 Resp: 196866

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 49.0 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

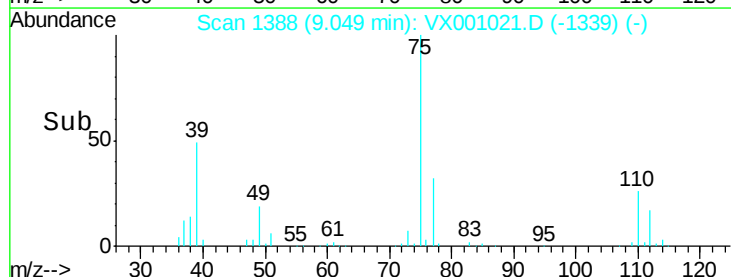
150000

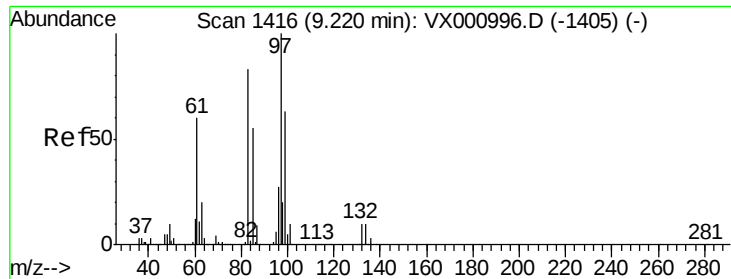
100000

50000

0

Time-->

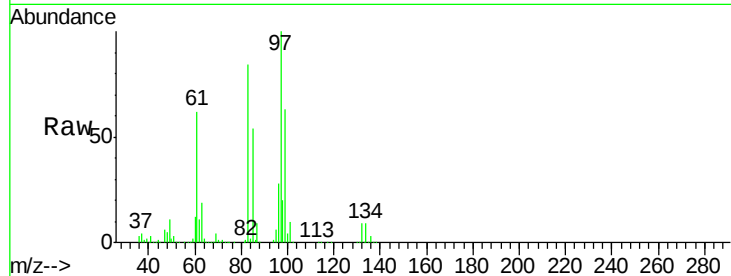




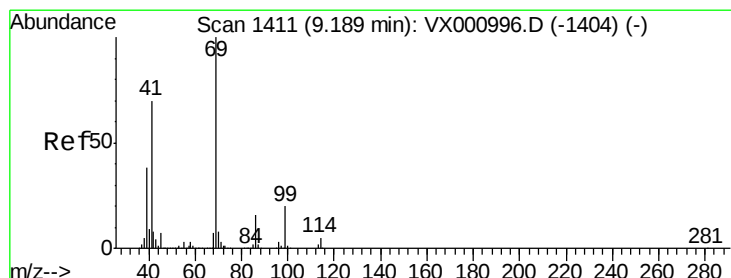
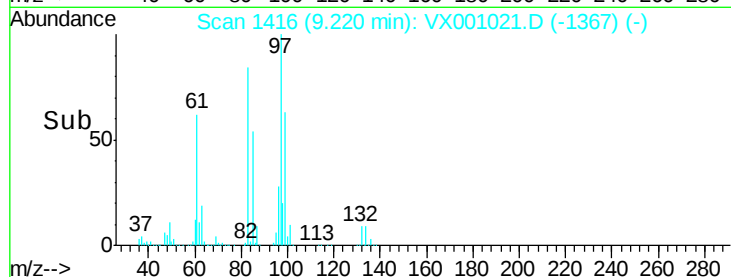
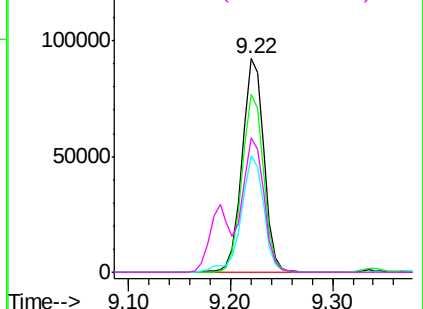
#55
 1,1,2-Trichloroethane
 Concen: 50.24 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	135390
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.2	99.4
85	54.3	44.2	66.4
99	63.2	50.2	75.4

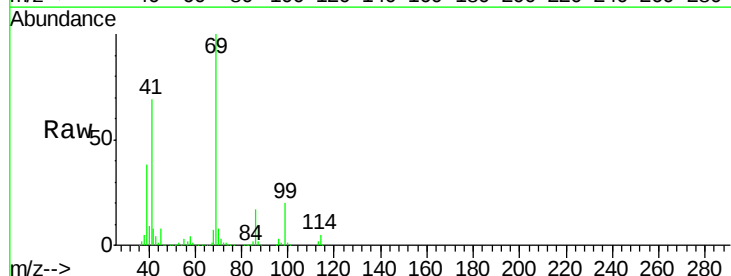


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

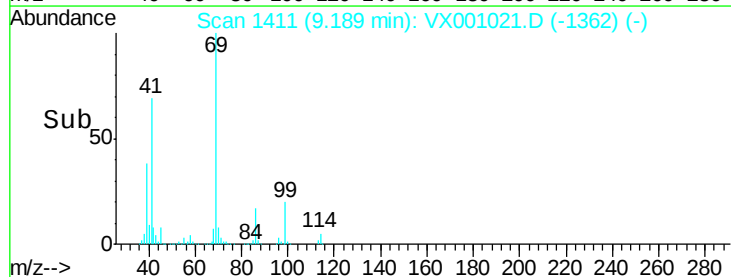
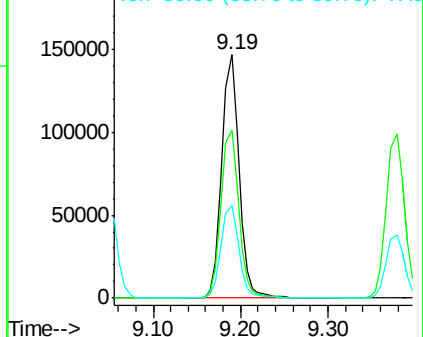


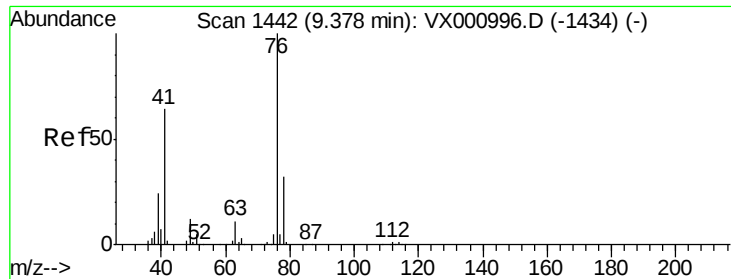
#56
 Ethyl methacrylate
 Concen: 51.10 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion:	69	Resp:	202260
Ion	Ratio	Lower	Upper
69	100		
41	71.0	56.3	84.5
39	39.0	30.4	45.6



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

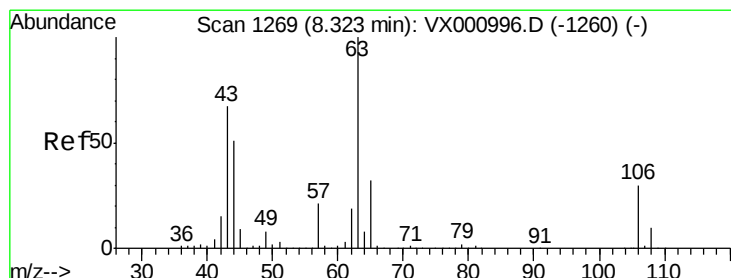
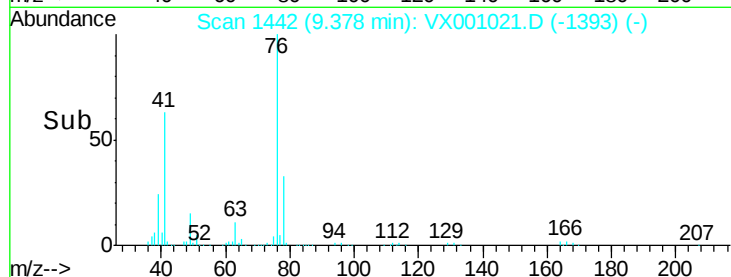
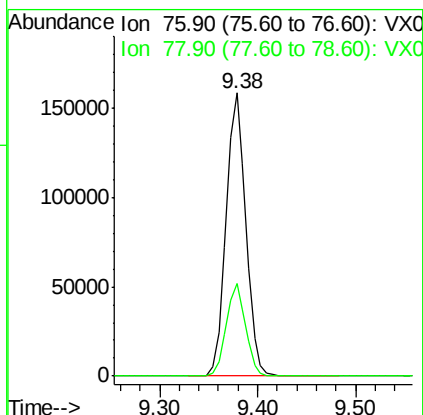
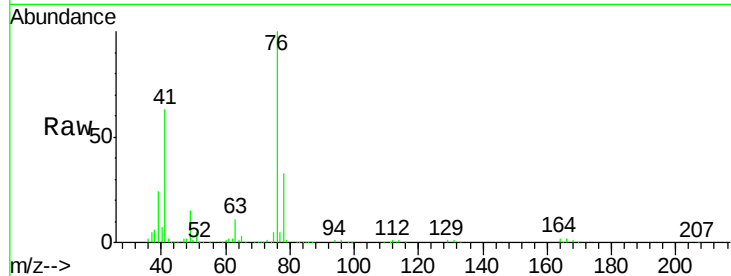




#57
 1,3-Dichloropropane
 Concen: 49.61 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

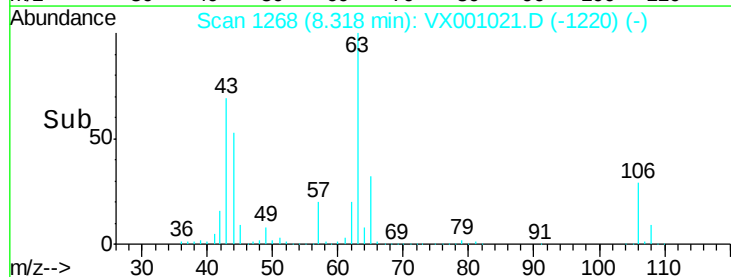
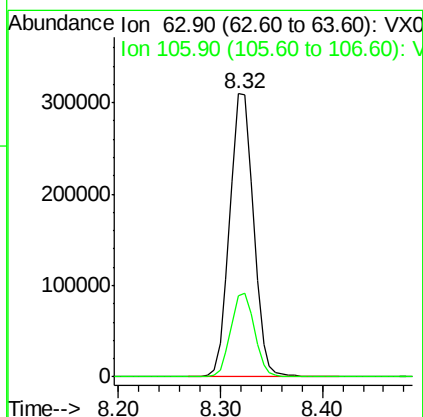
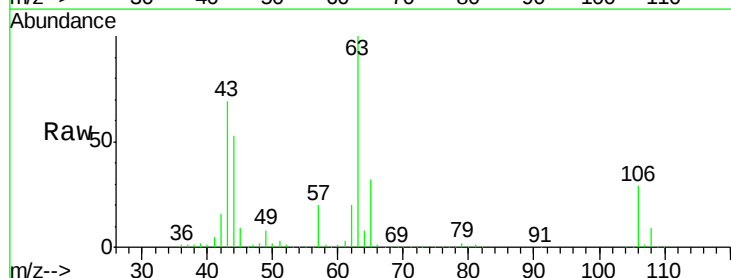
Instrument :
 MSVOA_X
 ClientSampleId :

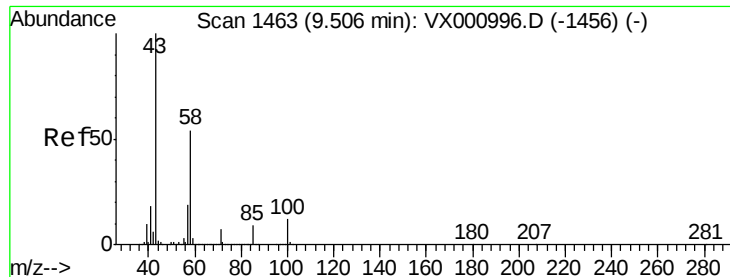
Tot Ion: 76 Resp: 221494
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.75 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion: 63 Resp: 497939
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.6

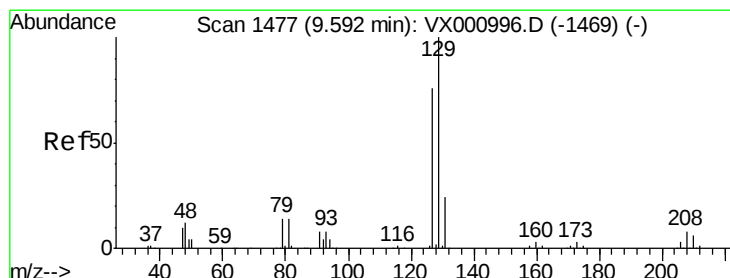
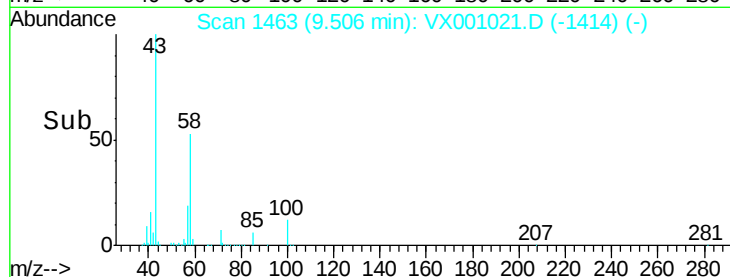
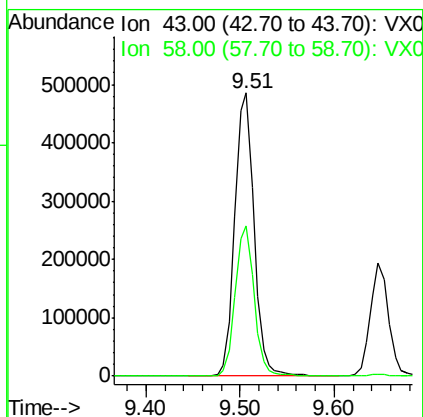
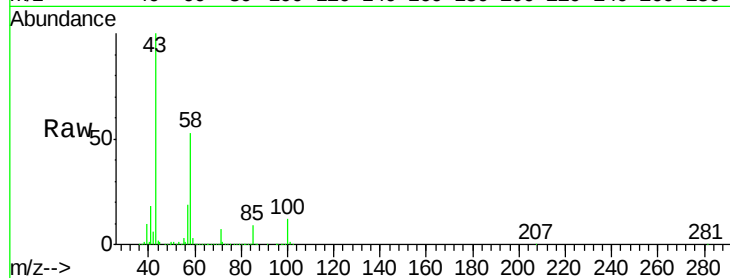




#59
2-Hexanone
Concen: 252.76 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

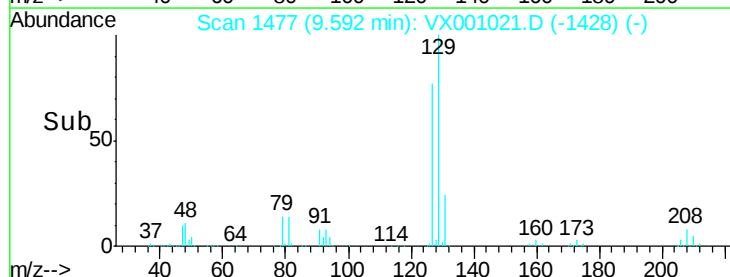
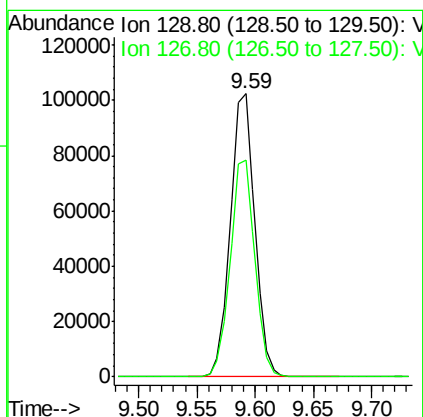
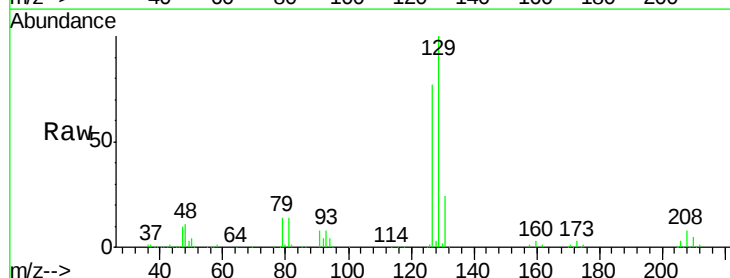
Instrument :
MSVOA_X
ClientSampleId :

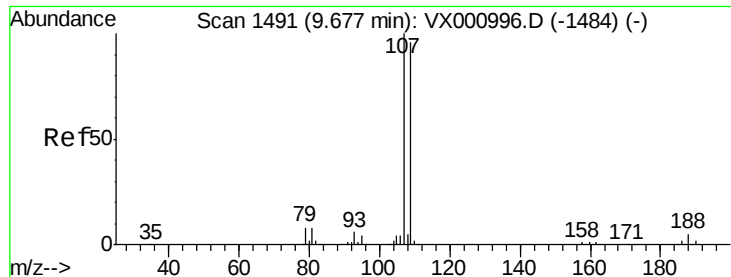
Tot Ion: 43 Resp: 690783
Ion Ratio Lower Upper
43 100
58 52.3 26.3 78.9



#60
Dibromochloromethane
Concen: 52.98 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 129 Resp: 149973
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.75 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

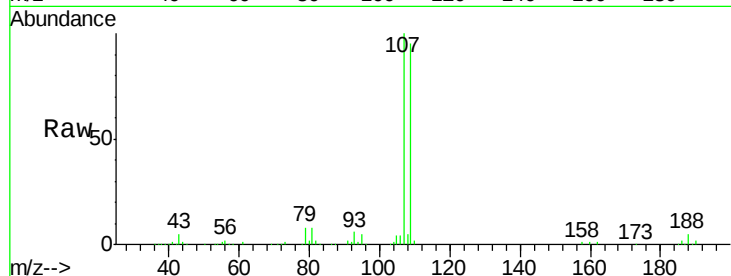
ClientSampleId :

Tot Ion:107 Resp: 144348

Ion Ratio Lower Upper

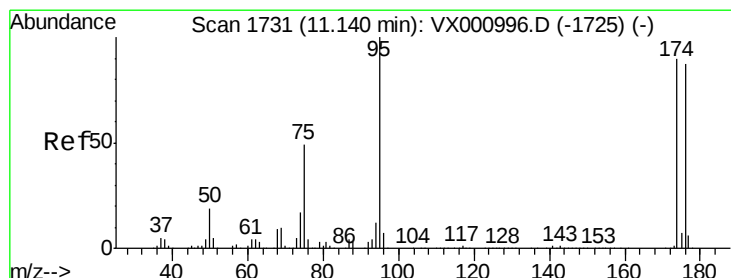
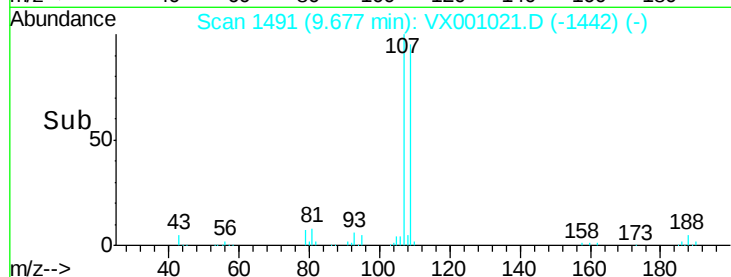
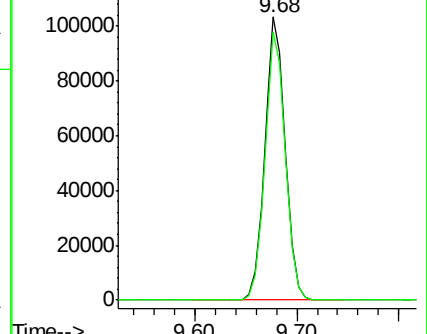
107 100

109 94.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

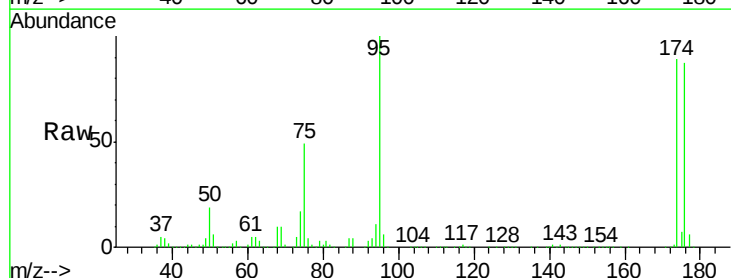
Tgt Ion: 95 Resp: 181490

Ion Ratio Lower Upper

95 100

174 98.3 0.0 198.4

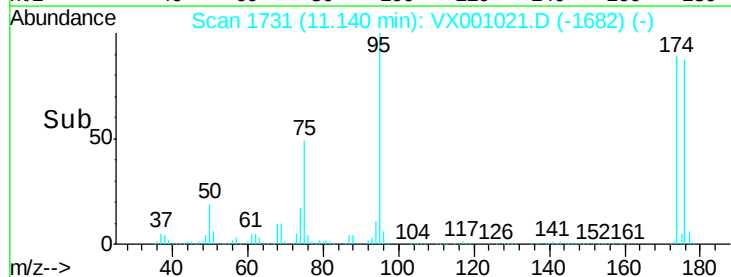
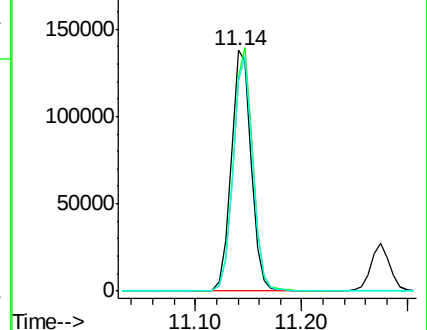
176 95.2 0.0 192.0

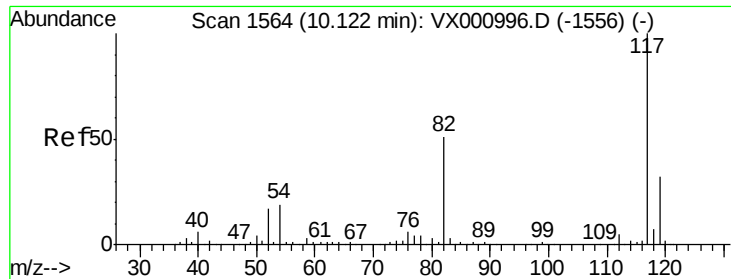


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

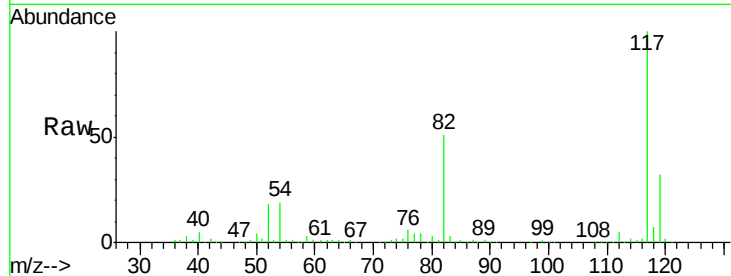




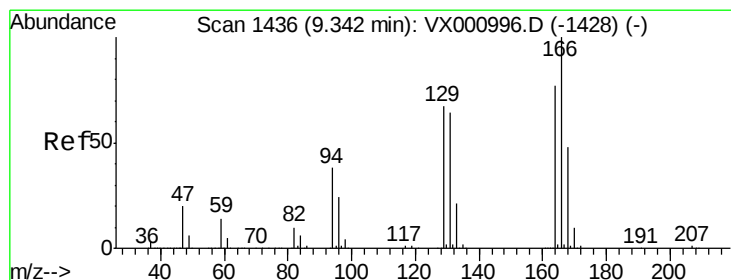
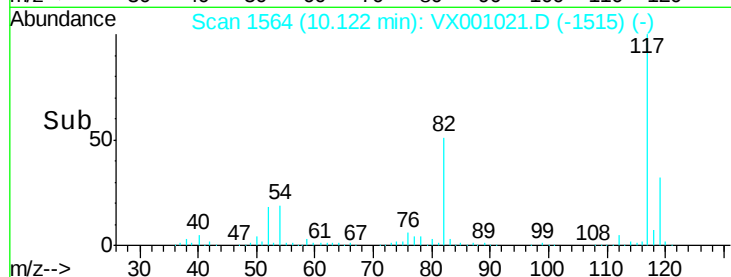
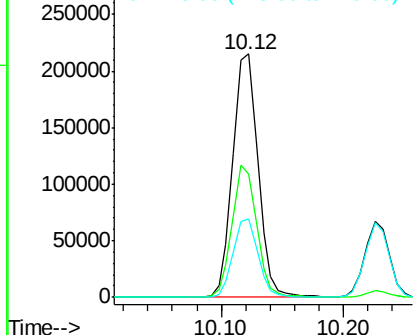
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 307962
Ion Ratio Lower Upper
117 100
82 50.8 40.6 60.8
119 32.0 26.0 39.0

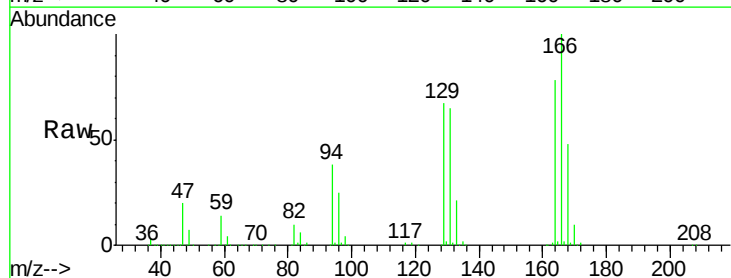


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

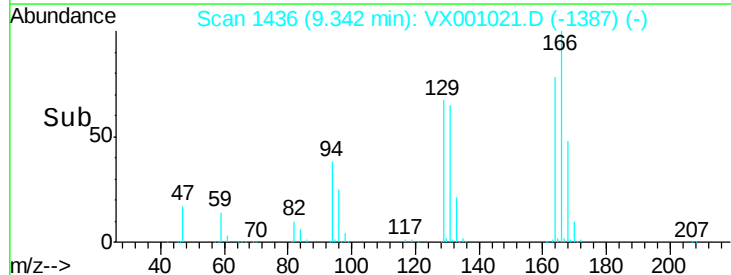
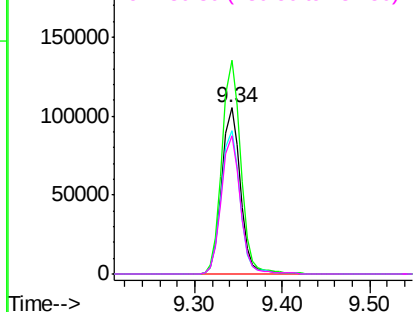


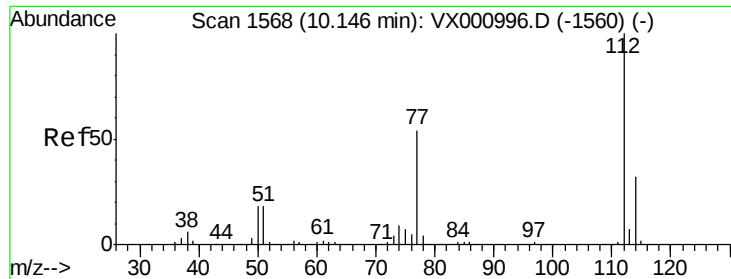
#64
Tetrachloroethene
Concen: 47.63 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion:164 Resp: 155756
Ion Ratio Lower Upper
164 100
166 128.7 103.5 155.3
129 86.5 69.6 104.4
131 83.2 65.8 98.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

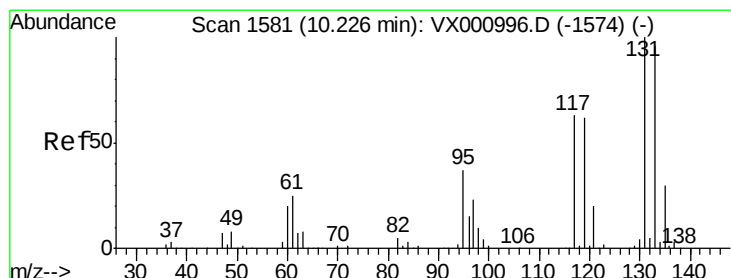
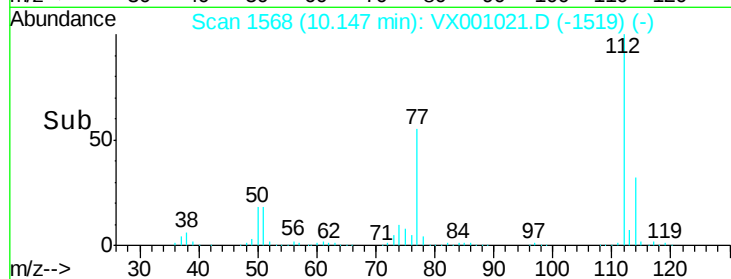
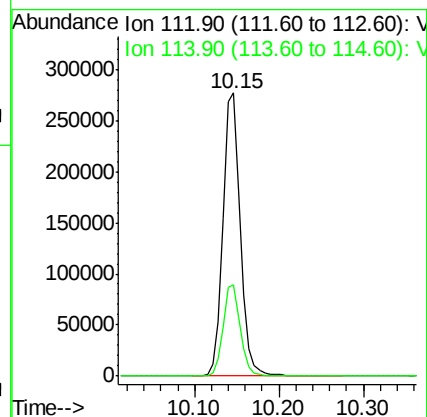
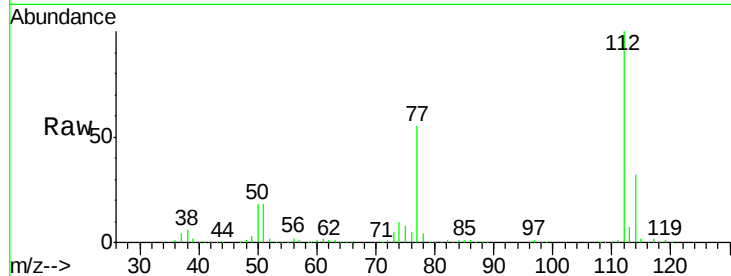




#65
Chlorobenzene
Concen: 48.29 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

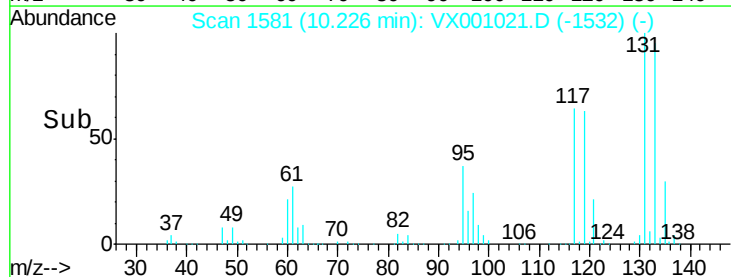
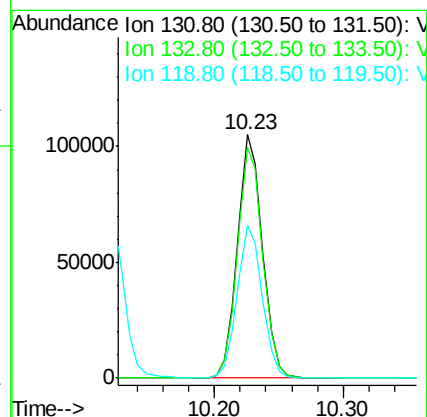
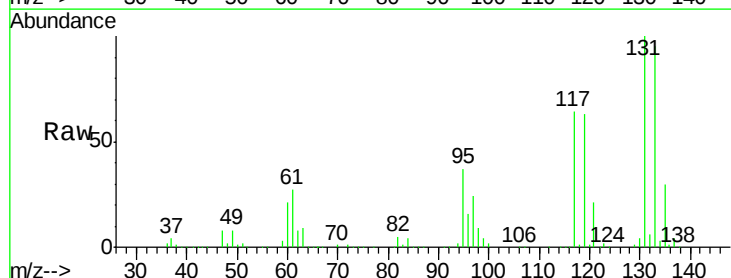
Instrument :
MSVOA_X
ClientSampled :

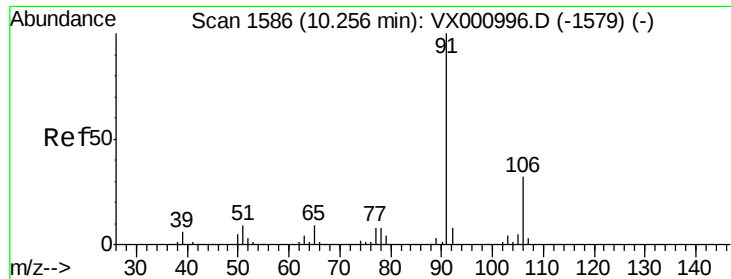
Tot Ion:112 Resp: 395983
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.65 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion:131 Resp: 142554
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.1 31.1 93.2

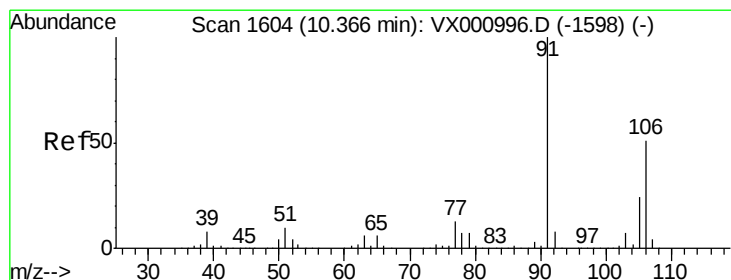
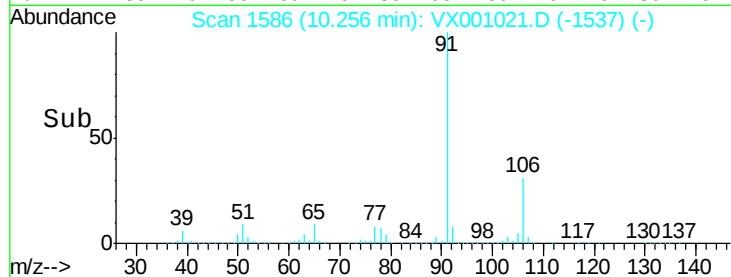
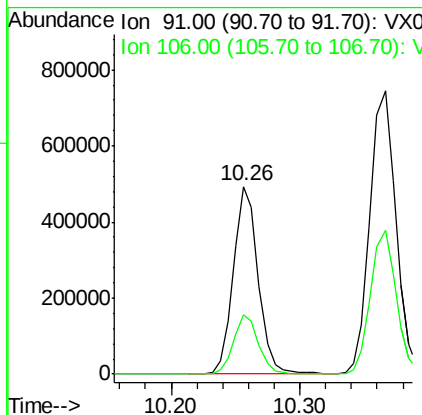
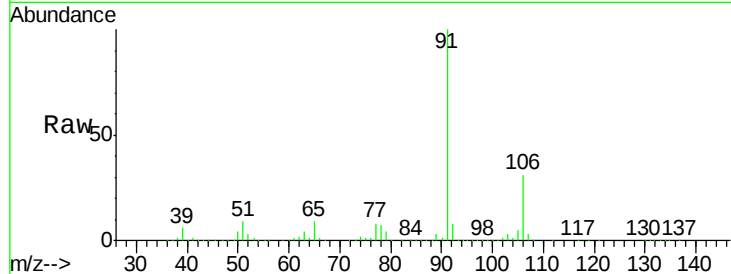




#67
Ethyl Benzene
Concen: 48.98 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

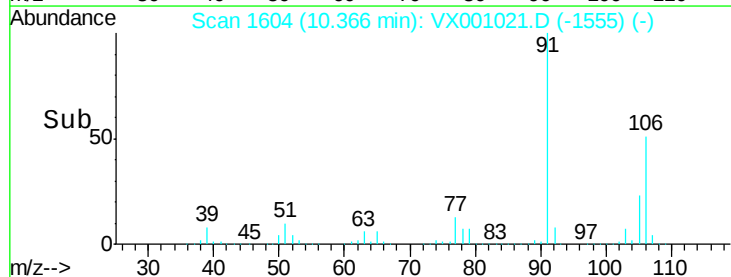
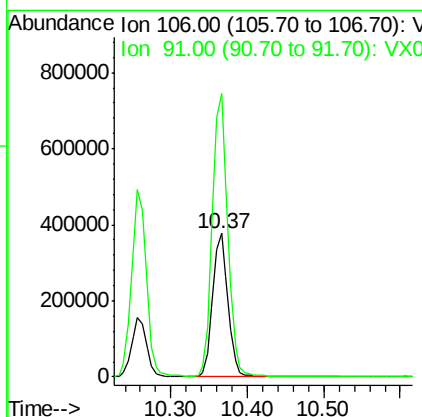
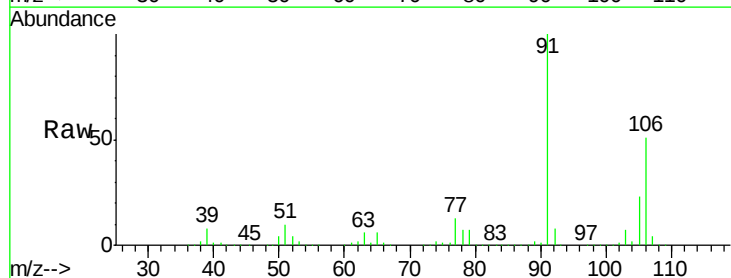
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 667045
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 97.57 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 106 Resp: 523660
Ion Ratio Lower Upper
106 100
91 200.0 159.3 238.9

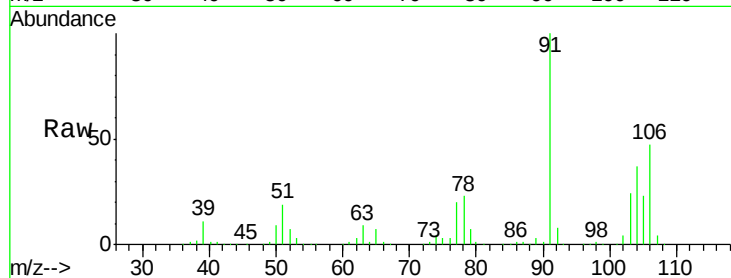




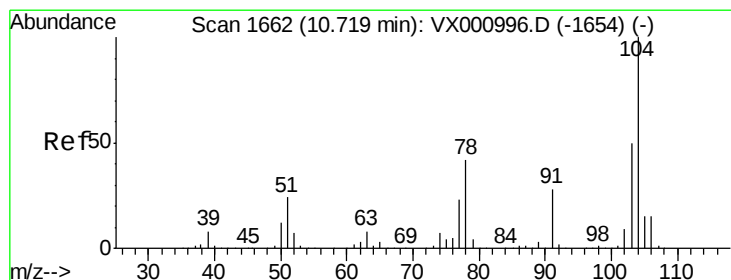
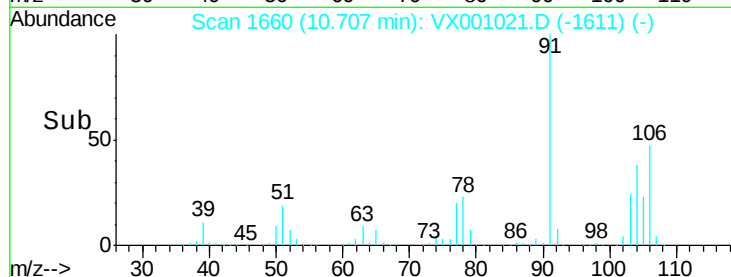
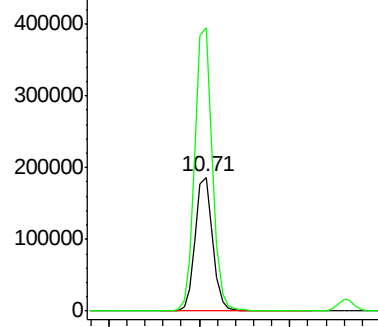
#69
o-Xylene
Concen: 48.74 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 252180
Ion Ratio Lower Upper
106 100
91 212.3 105.1 315.1

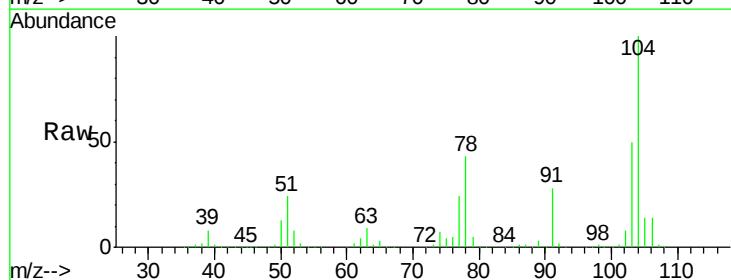


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

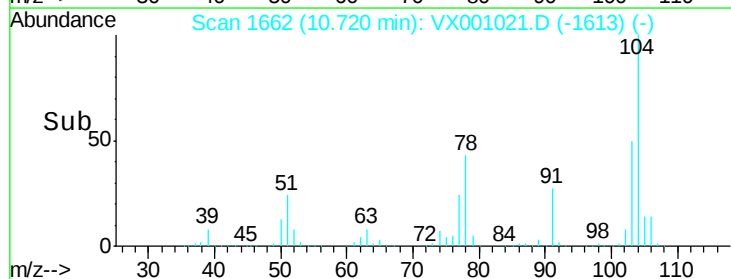
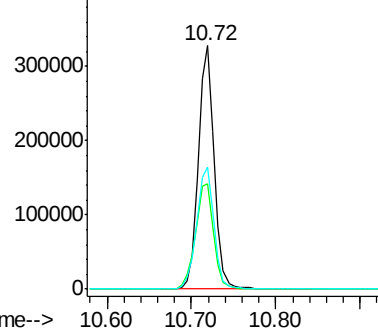


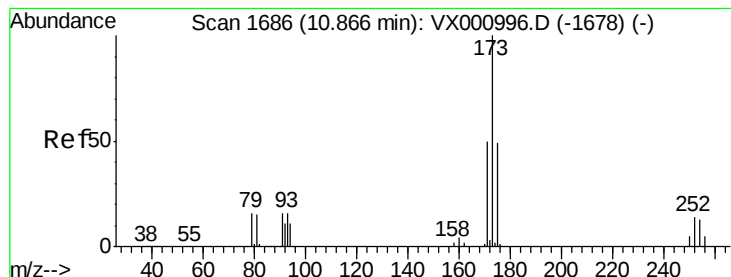
#70
Styrene
Concen: 49.96 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion:104 Resp: 425701
Ion Ratio Lower Upper
104 100
78 49.6 39.4 59.2
103 55.1 44.2 66.2



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





#71

Bromoform

Concen: 46.97 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

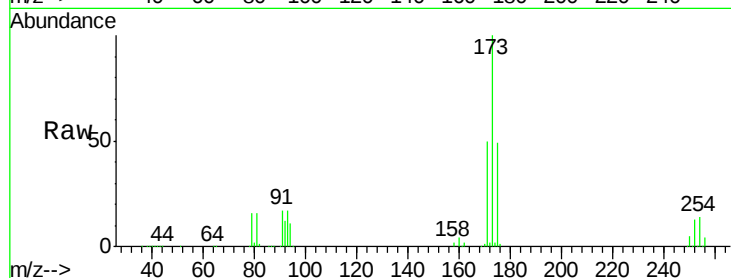
Tot Ion:173 Resp: 122632

Ion Ratio Lower Upper

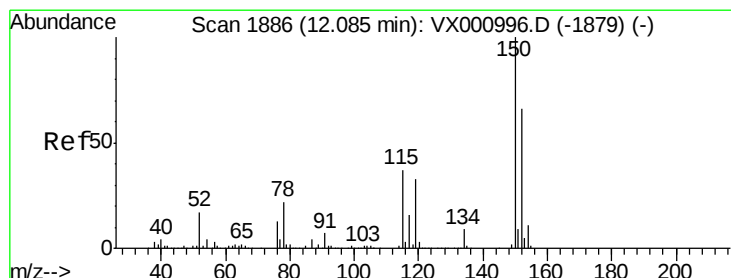
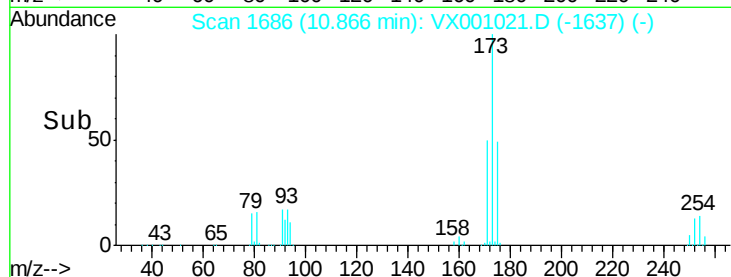
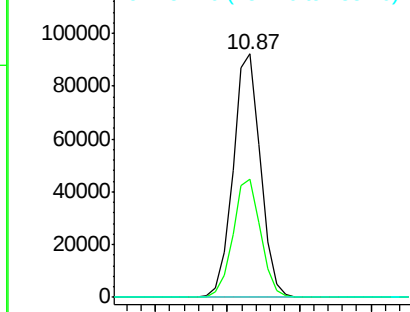
173 100

175 49.1 24.8 74.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

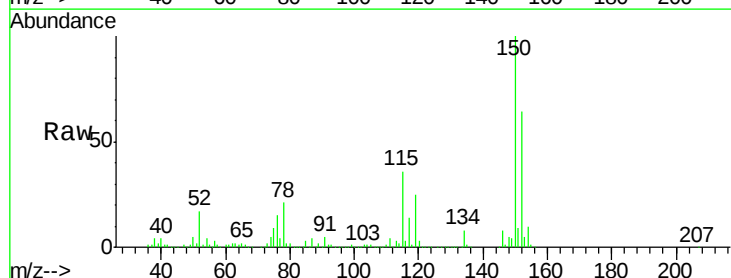
Tgt Ion:152 Resp: 216203

Ion Ratio Lower Upper

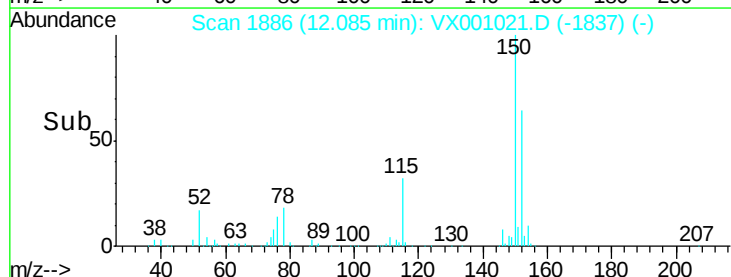
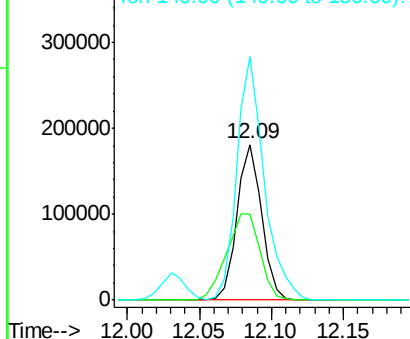
152 100

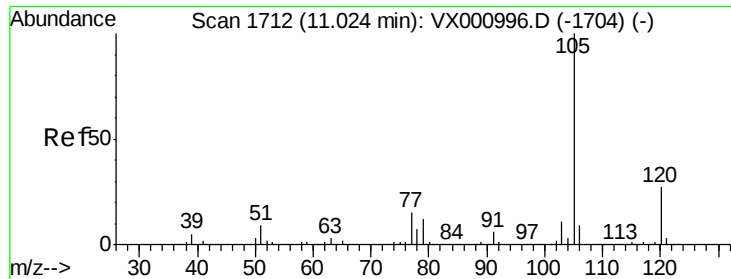
115 75.7 38.2 114.6

150 173.3 0.0 350.4



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





#73

Isopropylbenzene

Concen: 48.21 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

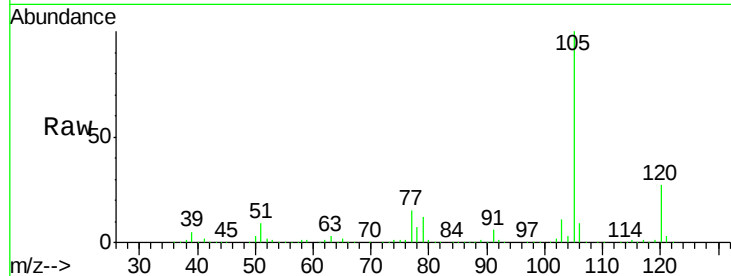
ClientSampleId :

Tot Ion:105 Resp: 681363

Ion Ratio Lower Upper

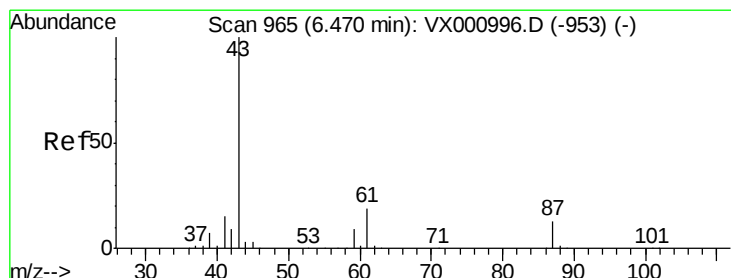
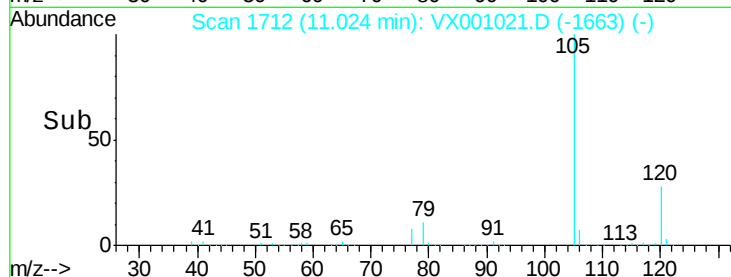
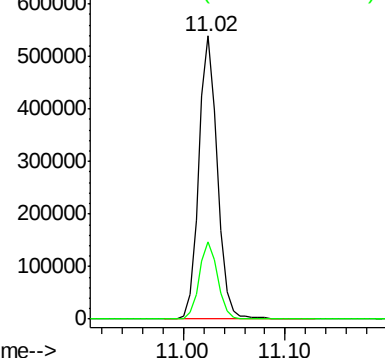
105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Tgt Ion: 43 Resp: 294173

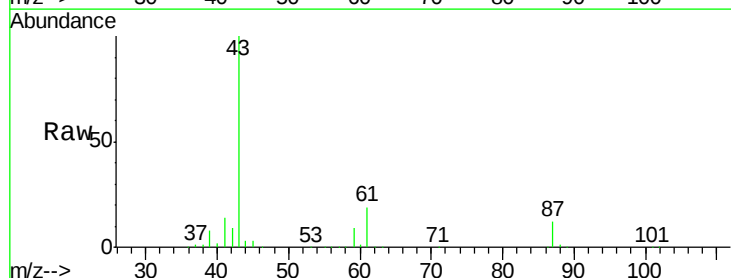
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.2

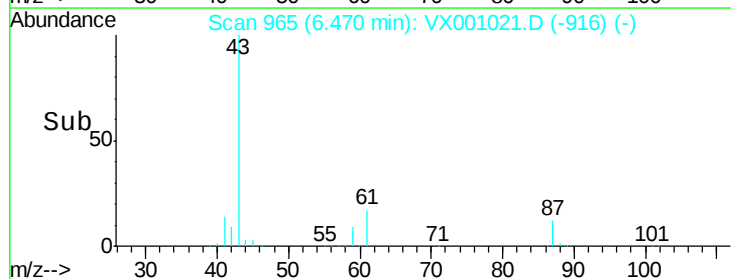
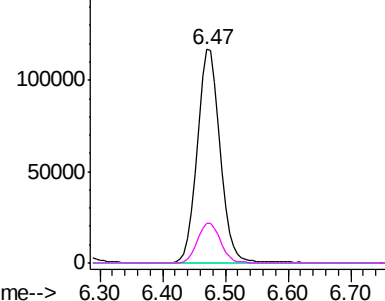


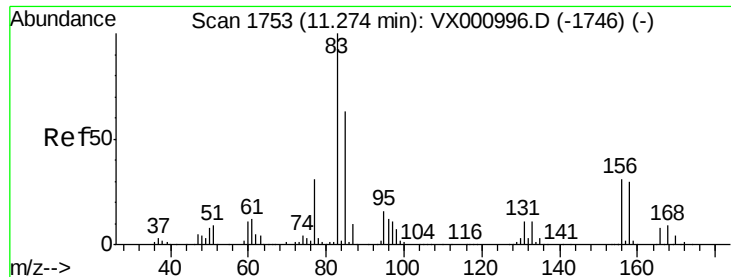
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.33 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

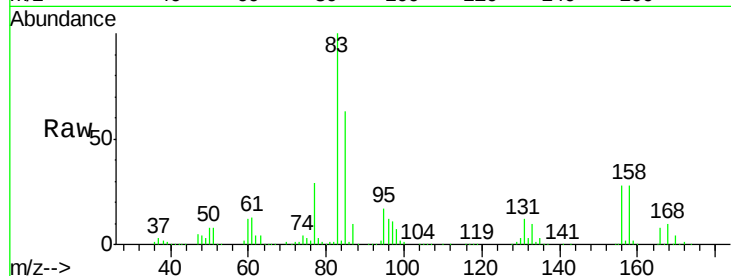
Tot Ion: 83 Resp: 201384

Ion Ratio Lower Upper

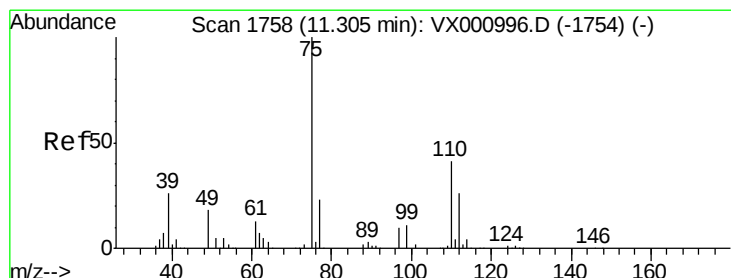
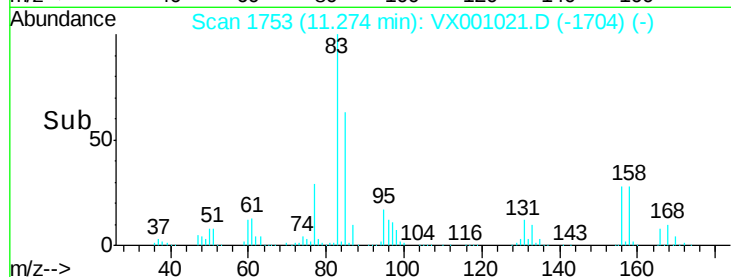
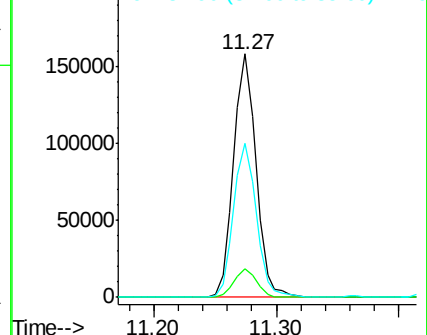
83 100

131 11.7 5.8 17.4

85 64.4 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 60.37 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001021.D

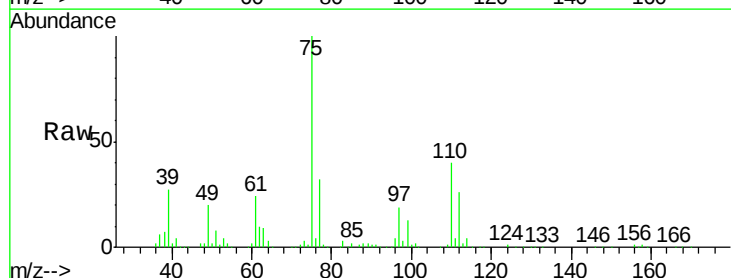
Acq: 20 Apr 2018 20:32

Tgt Ion: 75 Resp: 226452

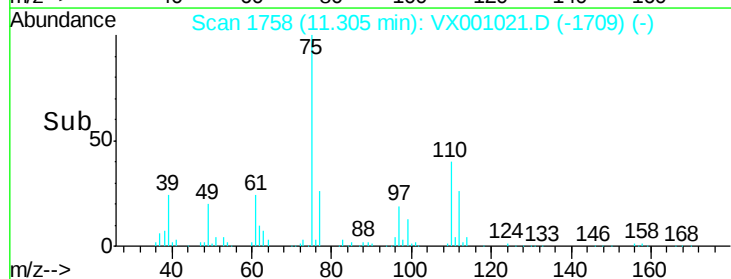
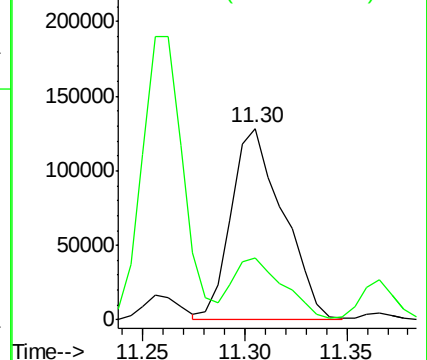
Ion Ratio Lower Upper

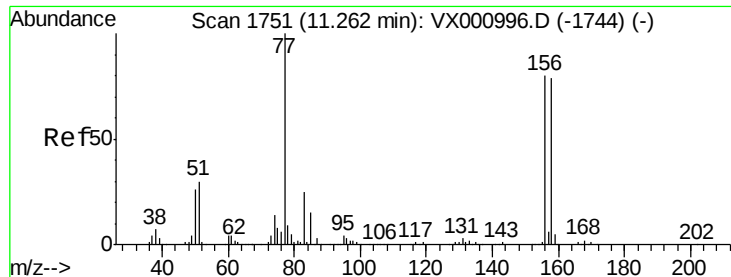
75 100

77 31.7 19.6 58.7



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





#77

Bromobenzene

Concen: 47.86 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

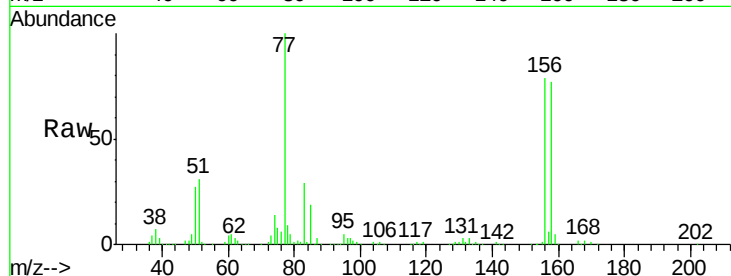
Tot Ion:156 Resp: 196372

Ion Ratio Lower Upper

156 100

77 135.0 66.3 199.0

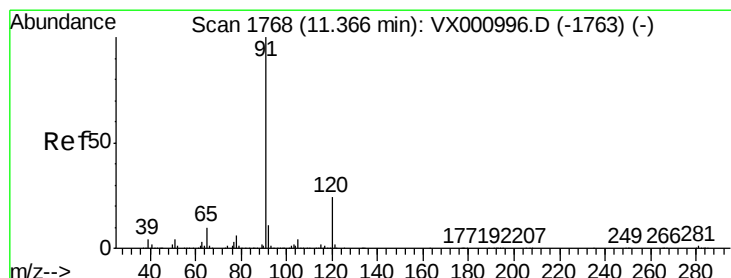
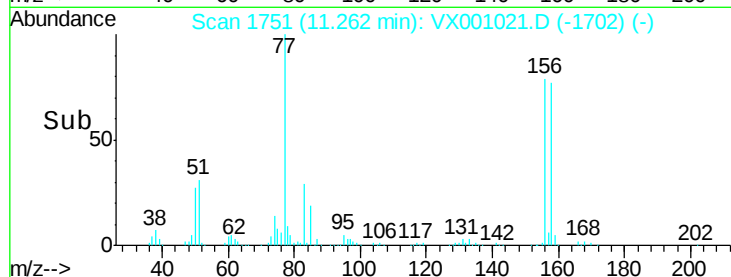
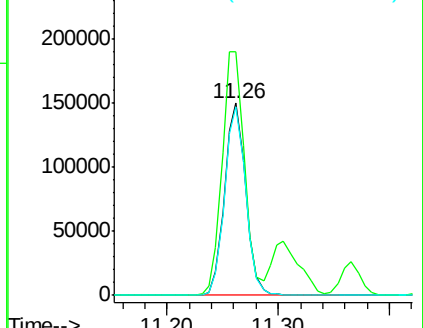
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001021.D

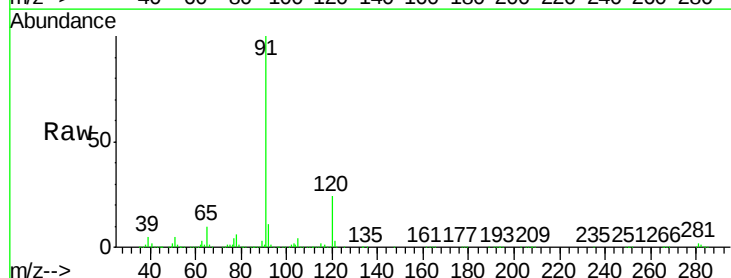
Acq: 20 Apr 2018 20:32

Tgt Ion: 91 Resp: 775918

Ion Ratio Lower Upper

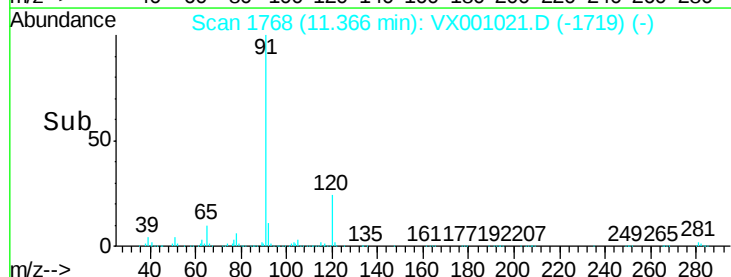
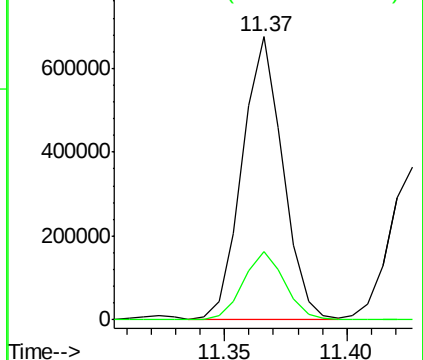
91 100

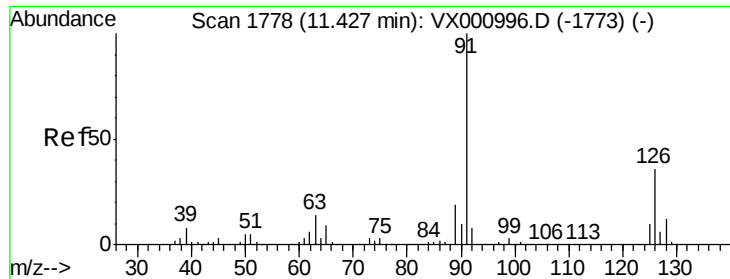
120 25.0 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.99 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

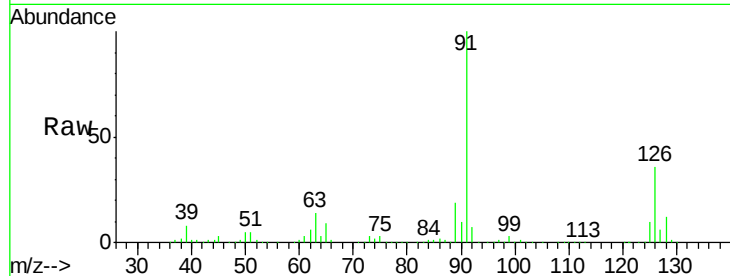
ClientSampleId :

Tot Ion: 91 Resp: 460175

Ion Ratio Lower Upper

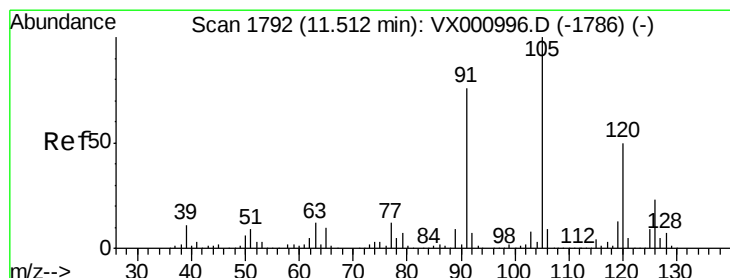
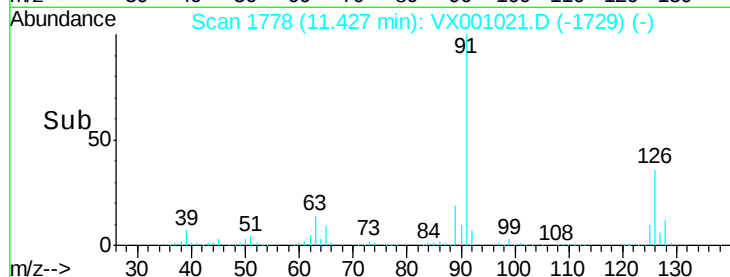
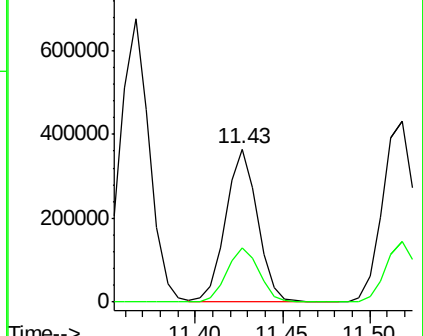
91 100

126 36.5 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.89 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001021.D

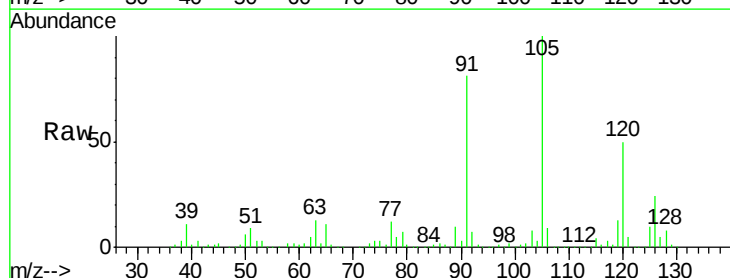
Acq: 20 Apr 2018 20:32

Tgt Ion:105 Resp: 585823

Ion Ratio Lower Upper

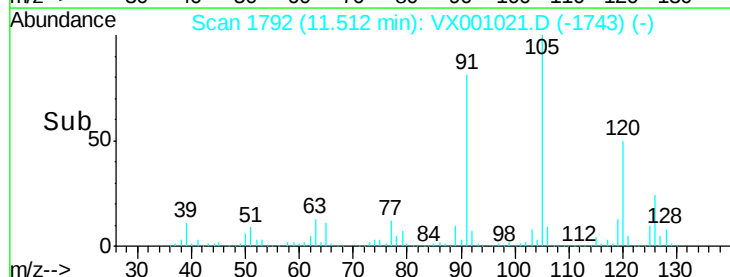
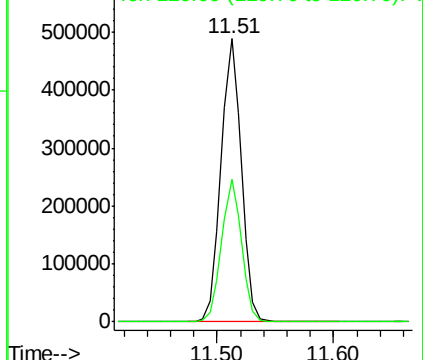
105 100

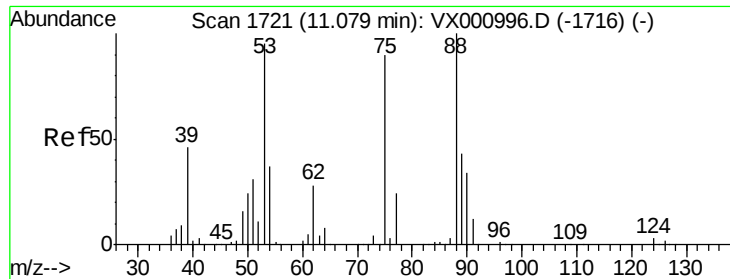
120 49.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 43.09 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampled :

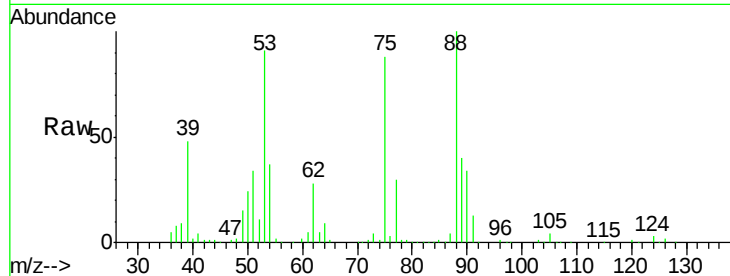
Tot Ion: 75 Resp: 52083

Ion Ratio Lower Upper

75 100

53 105.7 83.4 125.2

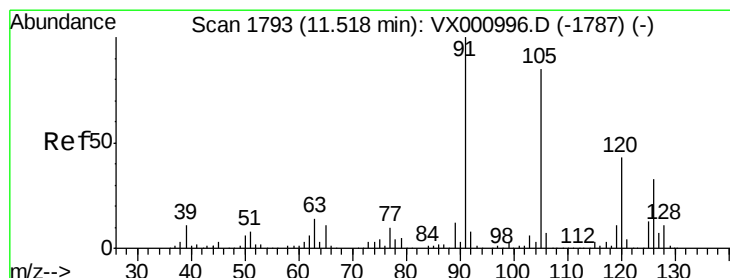
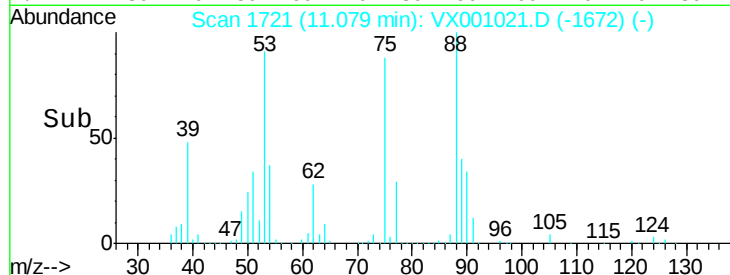
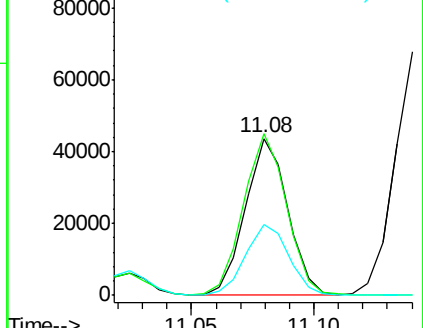
89 47.2 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.81 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001021.D

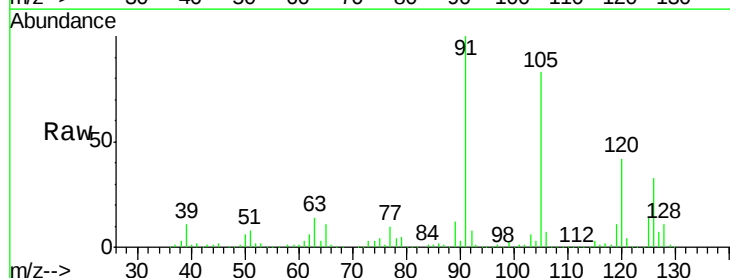
Acq: 20 Apr 2018 20:32

Tgt Ion: 91 Resp: 553966

Ion Ratio Lower Upper

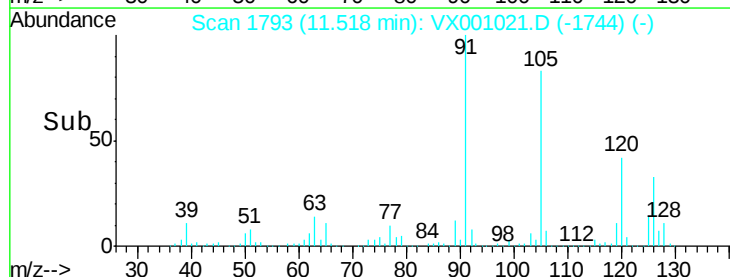
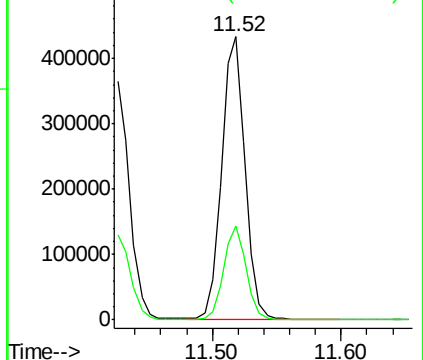
91 100

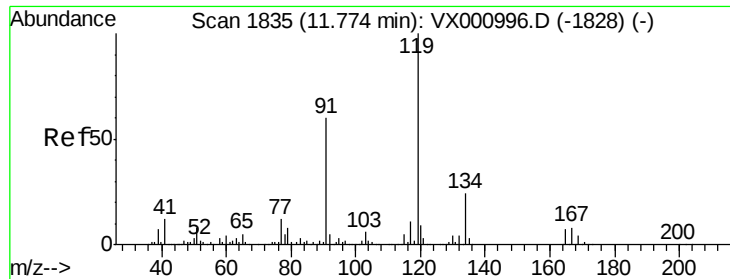
126 32.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

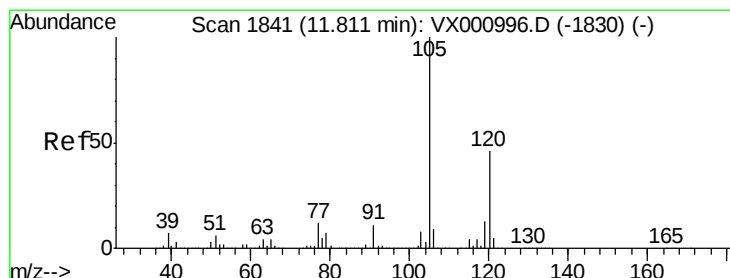
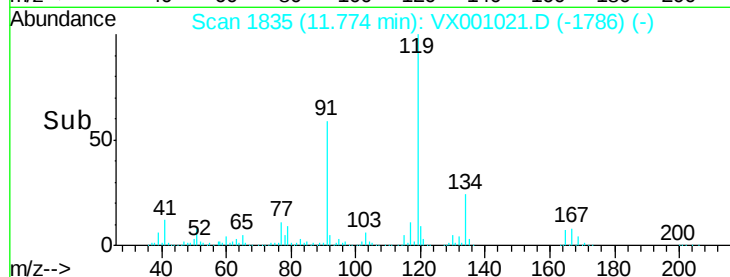
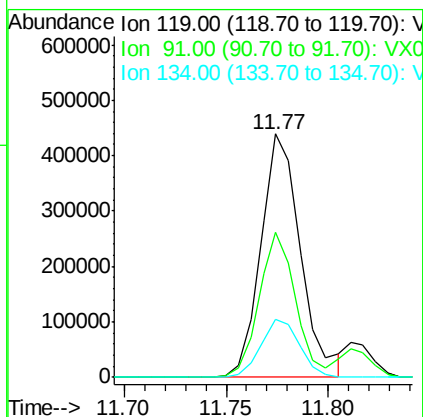
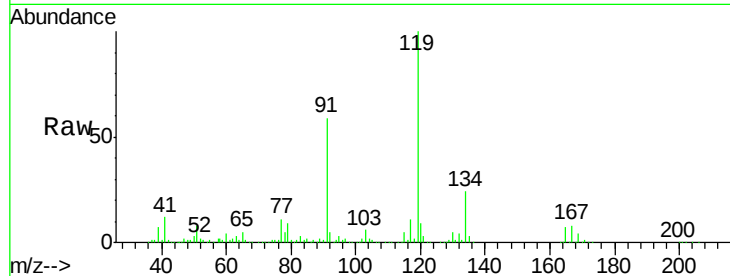




#83
tert-Butylbenzene
Concen: 49.18 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

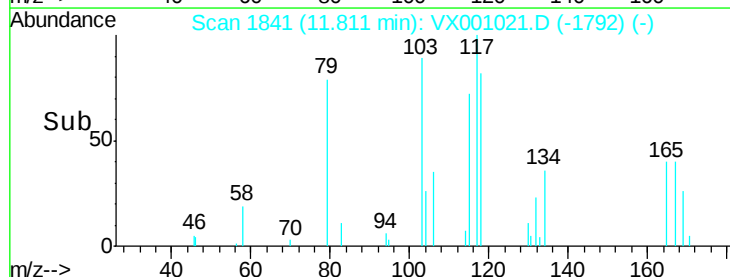
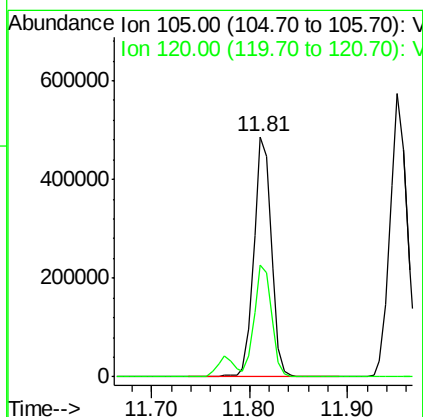
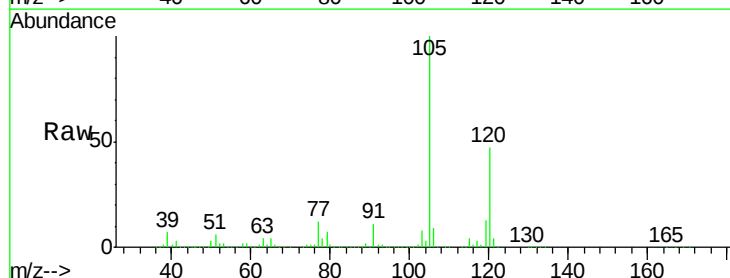
Instrument :
MSVOA_X
ClientSampled :

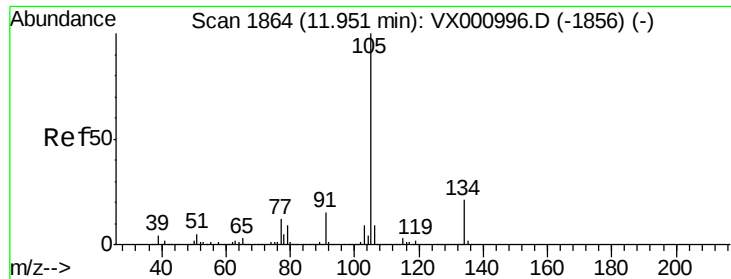
Tot Ion:119 Resp: 594486
Ion Ratio Lower Upper
119 100
91 54.7 27.0 81.0
134 23.3 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 48.74 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion:105 Resp: 601018
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.11 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

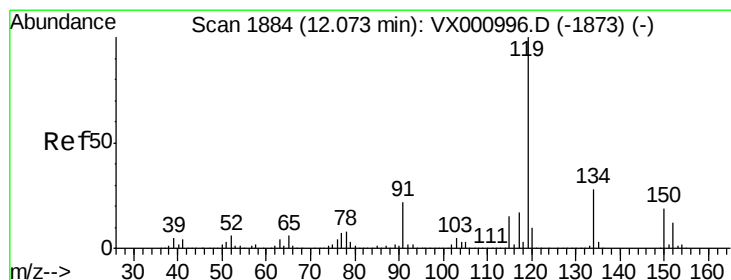
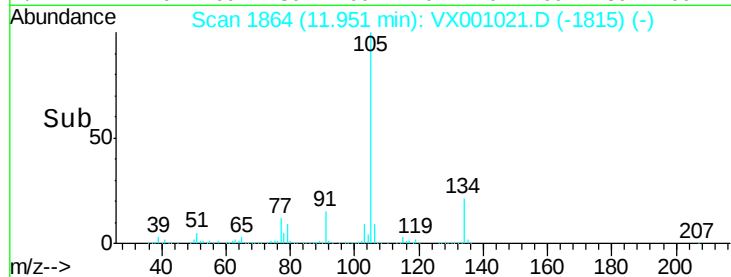
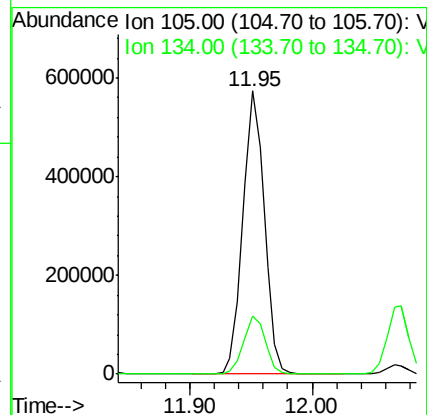
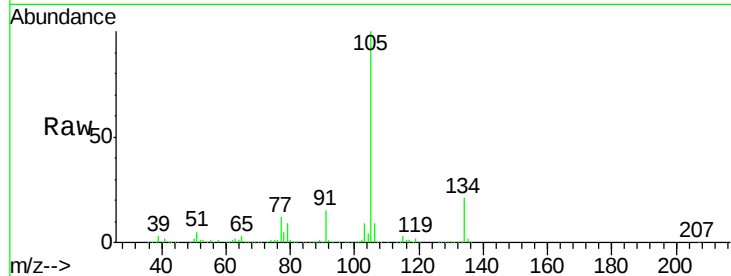
ClientSampleId :

Tot Ion:105 Resp: 694156

Ion Ratio Lower Upper

105 100

134 21.0 10.5 31.6



#86

p-Isopropyltoluene

Concen: 47.88 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

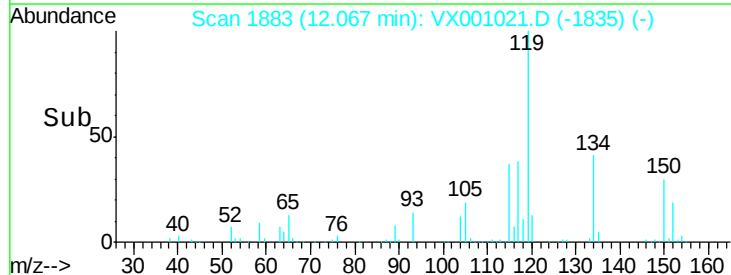
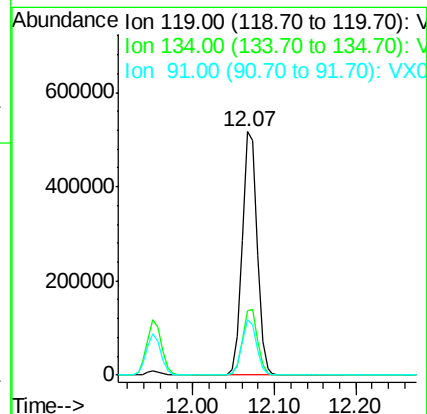
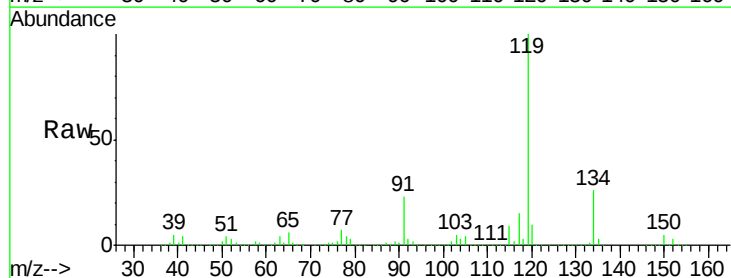
Tgt Ion:119 Resp: 639063

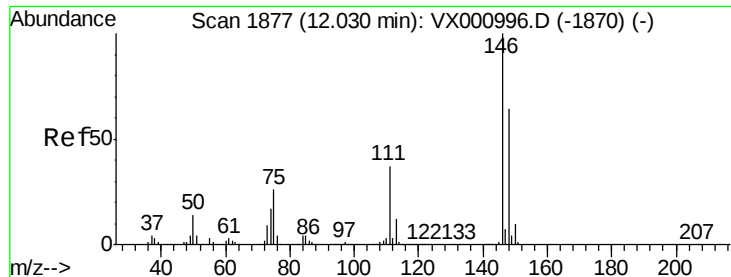
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.57 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

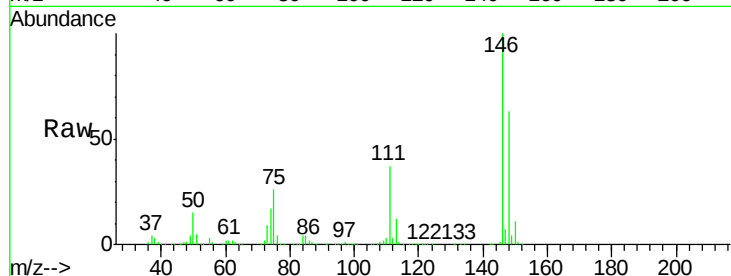
Tot Ion:146 Resp: 365376

Ion Ratio Lower Upper

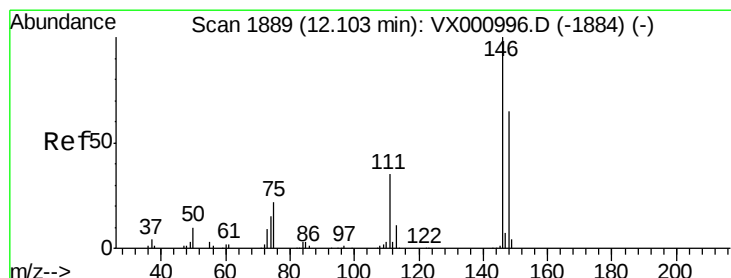
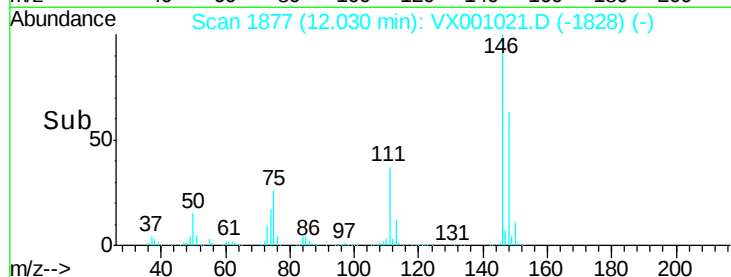
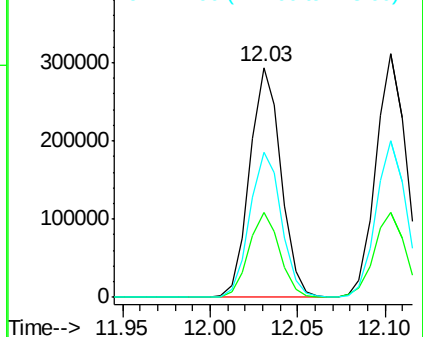
146 100

111 36.5 18.3 54.8

148 63.9 32.2 96.6



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



#88

1,4-Dichlorobenzene

Concen: 47.65 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

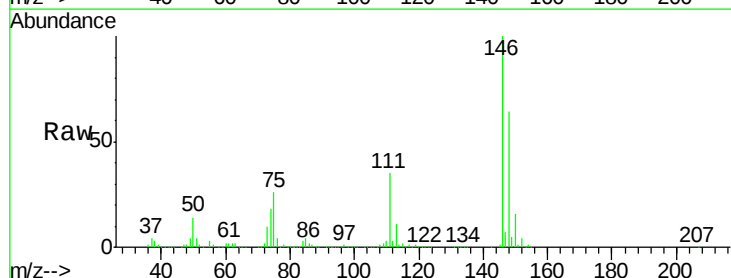
Tgt Ion:146 Resp: 375696

Ion Ratio Lower Upper

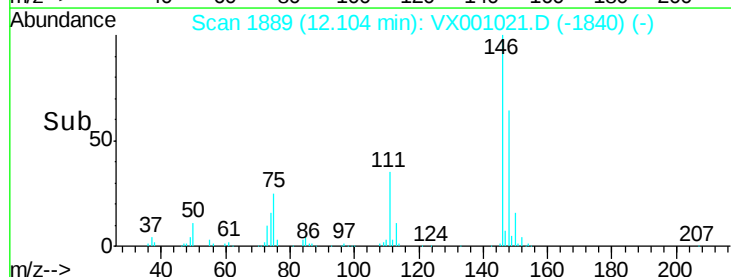
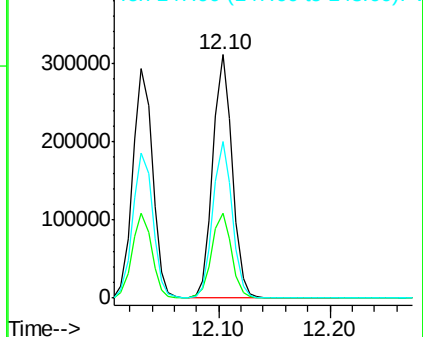
146 100

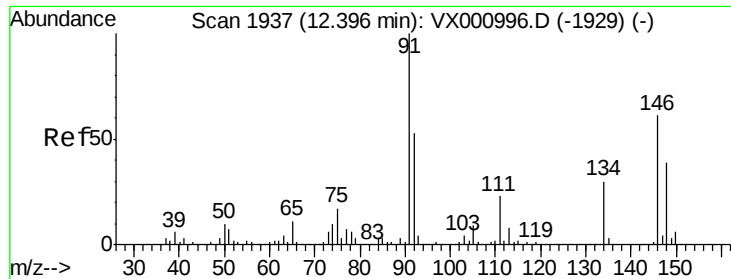
111 35.7 18.0 54.0

148 64.3 32.4 97.0



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

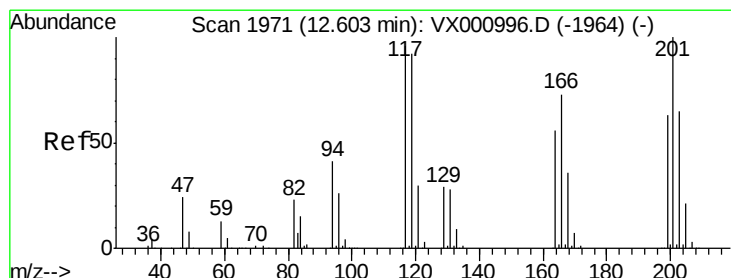
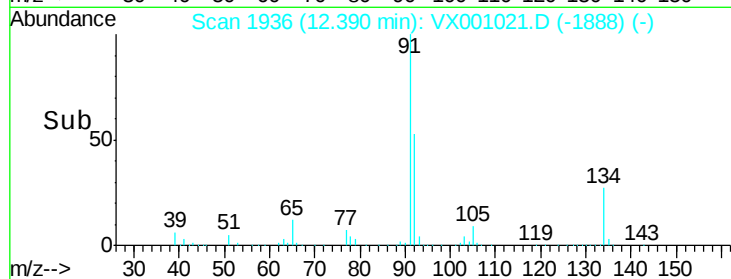
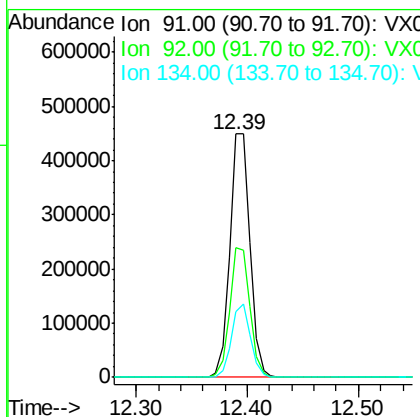
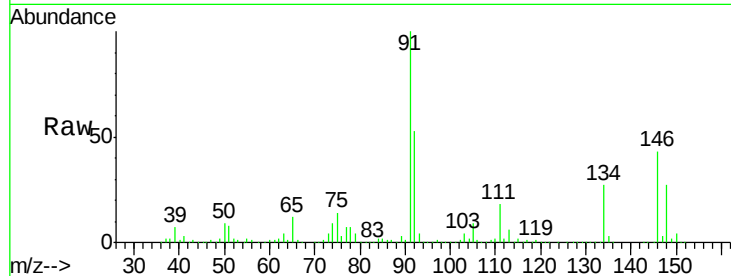




#89
n-Butylbenzene
Concen: 47.08 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

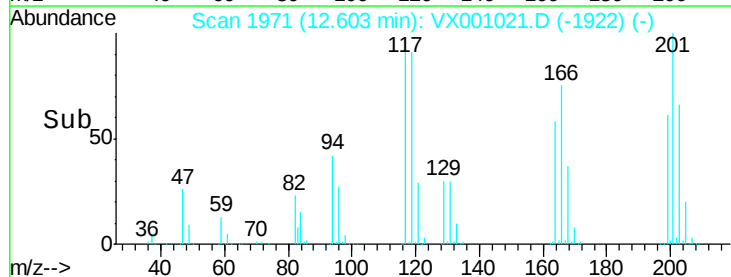
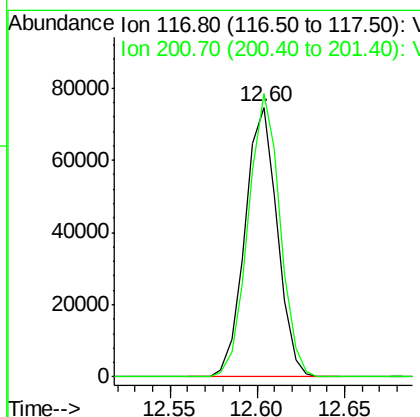
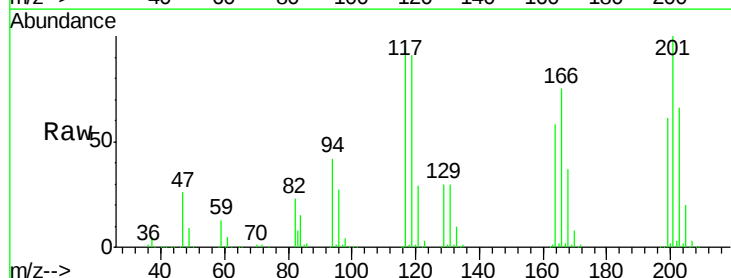
Instrument :
MSVOA_X
ClientSampleId :

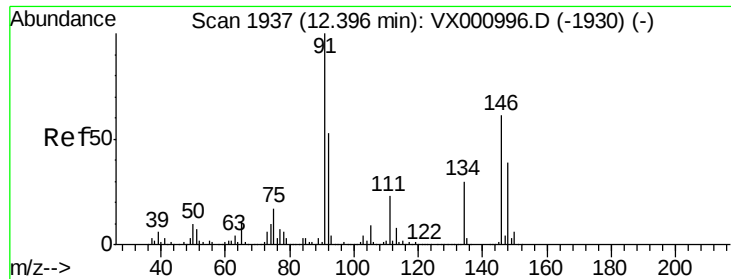
Tot Ion: 91 Resp: 559011
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 28.5 14.4 43.0



#90
Hexachloroethane
Concen: 50.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001021.D
Acq: 20 Apr 2018 20:32

Tgt Ion: 117 Resp: 95628
Ion Ratio Lower Upper
117 100
201 103.5 52.3 157.1

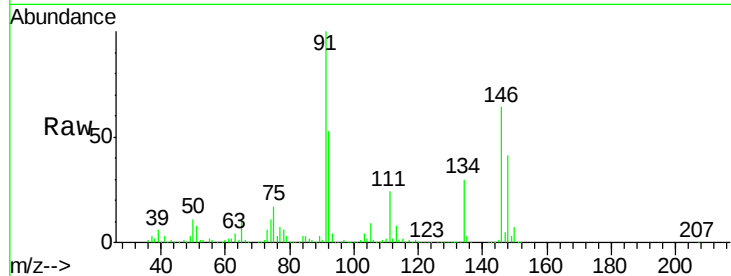




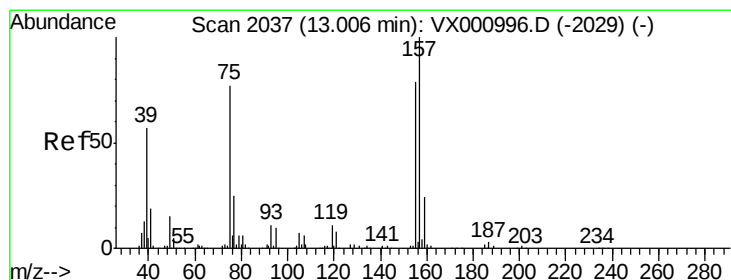
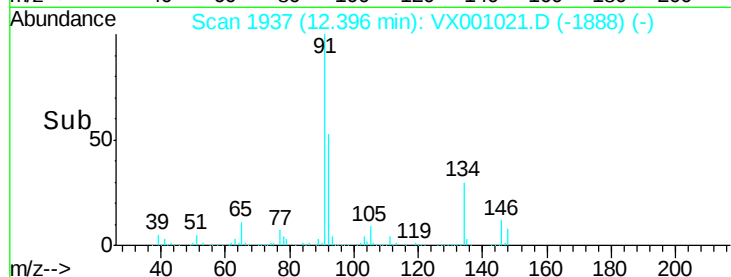
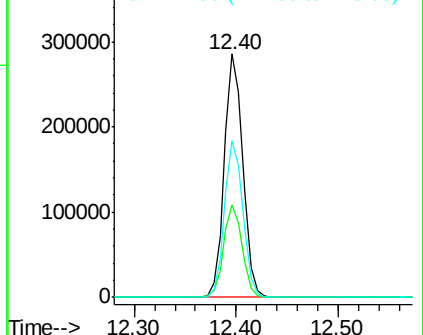
#91
 1,2-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 359162
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.6 56.0
 148 64.0 32.3 96.8

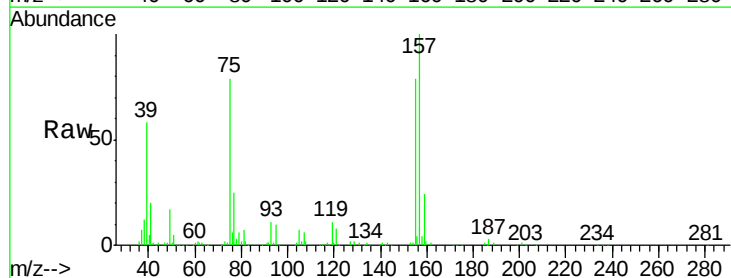


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

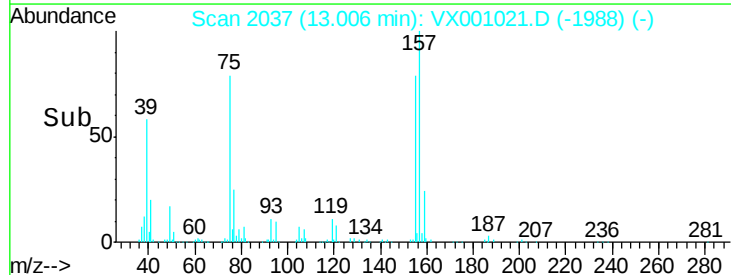
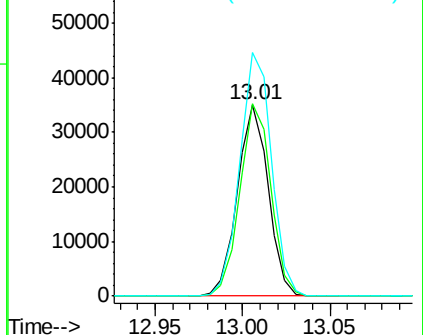


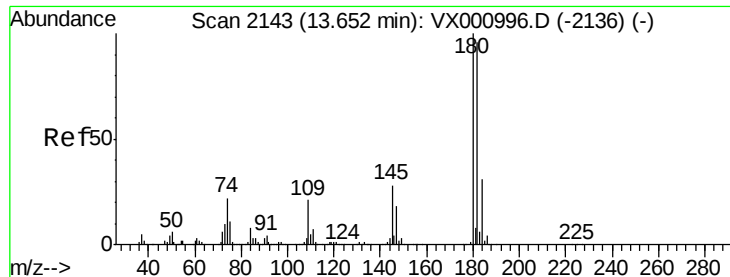
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.27 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion: 75 Resp: 42972
 Ion Ratio Lower Upper
 75 100
 155 101.0 51.0 153.0
 157 130.7 64.9 194.7



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

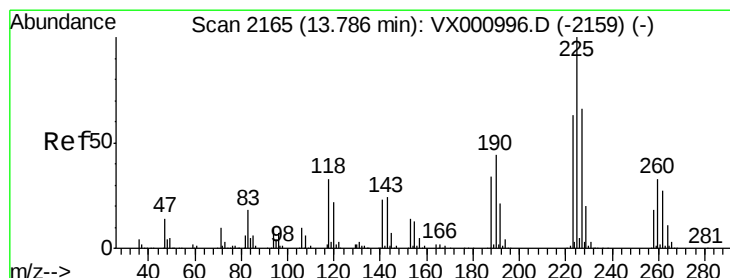
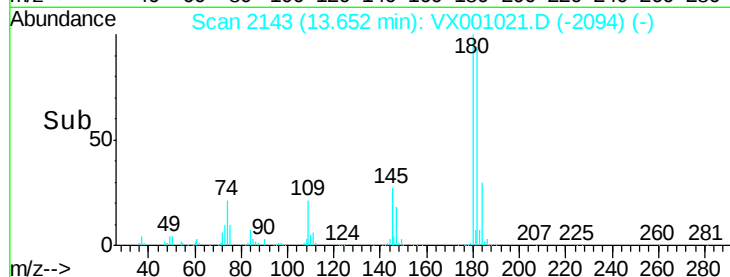
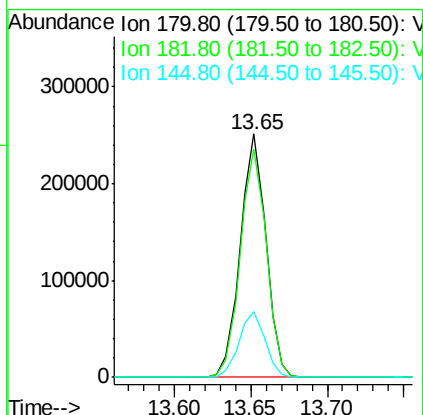
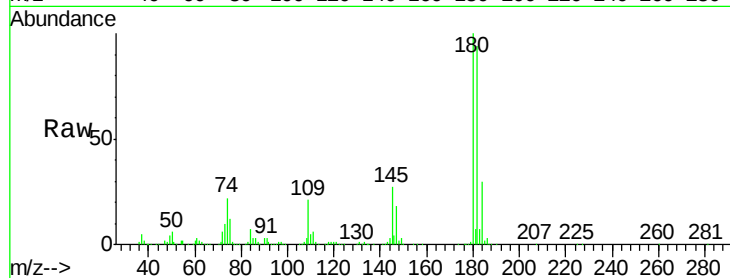




#93
 1,2,4-Trichlorobenzene
 Concen: 46.69 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

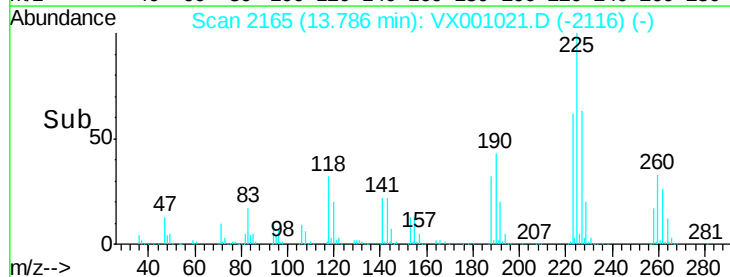
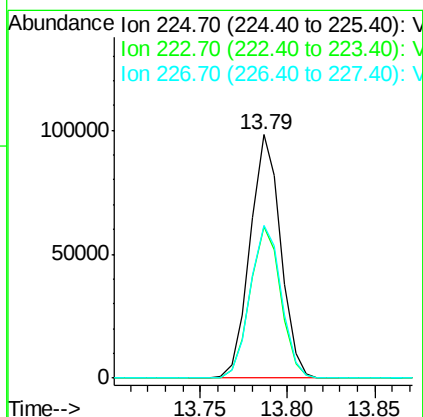
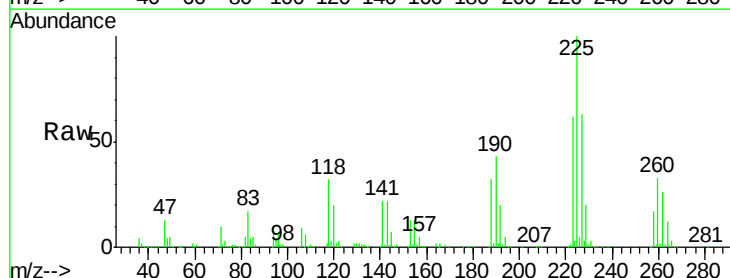
Instrument :
 MSVOA_X
 ClientSampleId :

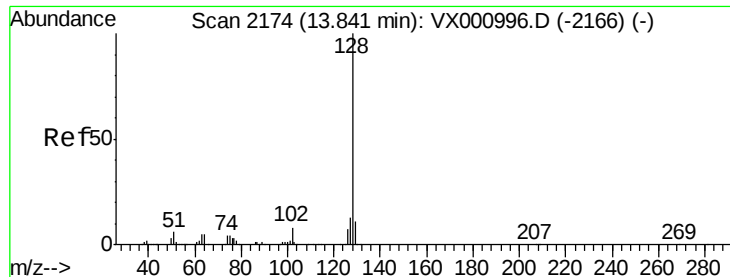
Tot Ion:180 Resp: 291414
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.0 144.0
 145 27.5 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 42.13 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001021.D
 Acq: 20 Apr 2018 20:32

Tgt Ion:225 Resp: 118992
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.5 94.5
 227 64.1 32.6 97.8





#95

Naphthalene

Concen: 49.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

Instrument :

MSVOA_X

ClientSampleId :

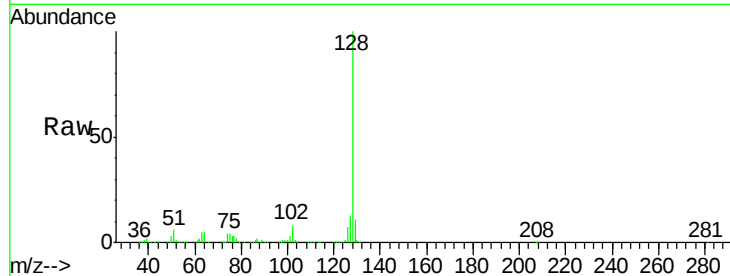
Tot Ion:128 Resp: 765908

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

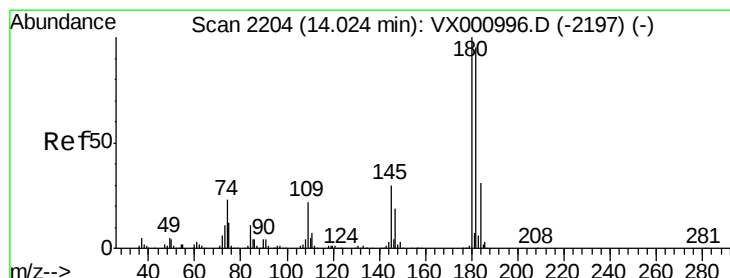
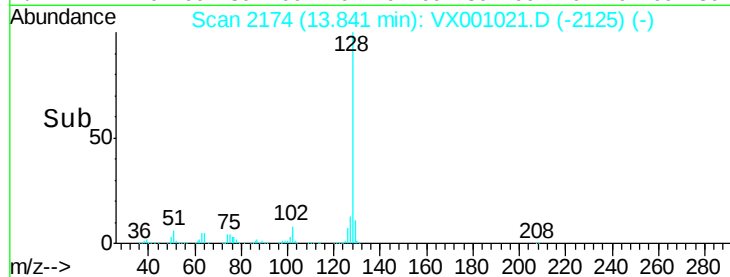
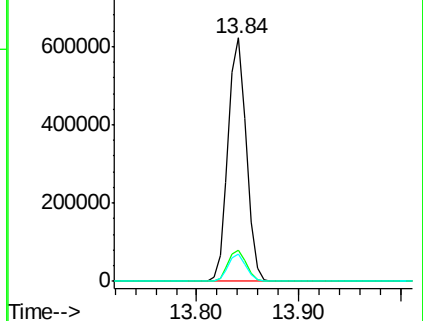
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001021.D

Acq: 20 Apr 2018 20:32

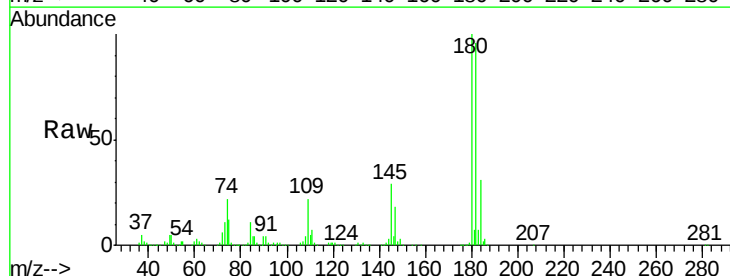
Tgt Ion:180 Resp: 283801

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 29.0 14.5 43.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

