

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
 Data File : VX003344.D
 Acq On : 12 Jul 2018 11:37
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Quant Time: Jul 12 13:04:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:04:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	59354	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	318446	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	299018	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	127871	28.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.03%
60) 4-Bromofluorobenzene	11.14	95	141928	28.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.80%
63) Toluene-d8	8.72	98	405411	31.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	98022	34.601	ug/l 100
3) Chloromethane	1.33	50	96221	31.287	ug/l 99
4) Vinyl Chloride	1.41	62	103721	30.269	ug/l 99
5) Bromomethane	1.64	94	43708	21.833	ug/l 98
6) Chloroethane	1.73	64	60805	26.384	ug/l 99
7) Trichlorofluoromethane	1.93	101	138163	22.684	ug/l 98
8) Diethyl Ether	2.20	74	54339	25.021	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	81155	23.279	ug/l 96
10) 1,1-Dichloroethene	2.38	96	75681	24.664	ug/l 93
11) Methyl Iodide	2.52	142	62403	17.659	ug/l 92
12) Methyl Acetate	2.79	43	130719	26.251	ug/l 95
13) Acrolein	2.30	56	46085	130.166	ug/l 98
14) Acrylonitrile	3.16	53	233290	124.563	ug/l 99
15) Acetone	2.45	58	61042	117.260	ug/l 82
16) Carbon Disulfide	2.57	76	206301	26.851	ug/l 99
17) Allyl chloride	2.73	41	143344	23.475	ug/l 93
18) Methylene Chloride	2.87	84	86795	24.713	ug/l 95
19) trans-1,2-Dichloroethene	3.17	96	79518	24.167	ug/l 95
20) Diisopropyl ether	3.88	45	269368	23.675	ug/l 96
21) 1,1-Dichloroethane	3.70	63	155615	25.435	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	80165	22.666	ug/l 83
23) tert-Butyl Alcohol	3.07	59	99343	116.831	ug/l # 100
24) Methyl tert-Butyl Ether	3.21	73	249572	21.784	ug/l 91
25) Chloroform	5.22	83	134566	21.917	ug/l 96
26) Cyclohexane	5.58	56	114858	22.097	ug/l # 95
29) 1,1-Dichloropropene	5.81	75	99101	23.044	ug/l 98
30) 2-Butanone	4.71	43	280425	113.958	ug/l 95
31) 2,2-Dichloropropane	4.59	77	100737	21.918	ug/l 99
32) 1,1,1-Trichloroethane	5.50	97	111508	21.465	ug/l 99
33) Carbon Tetrachloride	5.79	117	98467	21.088	ug/l 91
34) Benzene	6.15	78	302658	23.764	ug/l 98
35) Methacrylonitrile	5.07	41	59495	22.206	ug/l 85
36) 1,2-Dichloroethane	6.21	62	106348	21.269	ug/l 96
37) Trichloroethene	7.22	130	83356	22.347	ug/l 92
38) Methylcyclohexane	7.46	83	112340	21.472	ug/l 97
39) 1,2-Dichloropropane	7.53	63	78091	23.507	ug/l 97
40) Dibromomethane	7.67	93	51671	22.387	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	94850	21.877	ug/l	100
42) Vinyl Acetate	3.83	43	1127458	120.808	ug/l	99
43) Ethyl Acetate	4.87	43	104312	22.164	ug/l	97
44) Isopropyl Acetate	6.48	43	165957	21.045	ug/l	95
45) 1,4-Dioxane	7.76	88	36952	478.326	ug/l #	84
46) Methyl methacrylate	7.78	41	86232	21.401	ug/l	92
47) n-amyl Acetate	10.90	43	139072	18.690	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	114339	22.464	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	102271	21.513	ug/l	93
50) 1,1,2-Trichloroethane	9.22	97	77691	22.820	ug/l	98
51) Ethyl methacrylate	9.18	69	108407	21.094	ug/l	85
52) 1,3-Dichloropropane	9.37	76	129382	23.267	ug/l	99
53) Dibromochloromethane	9.59	129	75102	20.780	ug/l	100
54) 1,2-Dibromoethane	9.68	107	80719	22.498	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	280468	114.904	ug/l	99
56) Bromoform	10.86	173	55394	19.199	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	553144	108.954	ug/l	94
59) 2-Hexanone	9.50	43	427134	110.058	ug/l	94
61) Tetrachloroethene	9.34	164	94126	22.936	ug/l	98
62) Toluene	8.79	91	332503	23.069	ug/l	99
64) Chlorobenzene	10.14	112	213448	22.289	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	75531	21.518	ug/l	98
66) Ethyl Benzene	10.26	91	355240	21.884	ug/l	100
67) m/p-Xylenes	10.36	106	276992	43.910	ug/l	98
68) o-Xylene	10.70	106	133414	21.708	ug/l	96
69) Styrene	10.71	104	218375	21.298	ug/l	97
70) Isopropylbenzene	11.02	105	359057	21.187	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	115248	22.749	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	132187	30.099	ug/l	93
73) Bromobenzene	11.26	156	98402	20.879	ug/l	97
74) n-propylbenzene	11.36	91	416158	21.154	ug/l	99
75) 2-Chlorotoluene	11.42	91	252232	22.031	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	299109	20.786	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	29615	20.967	ug/l	96
78) 4-Chlorotoluene	11.51	91	288941	21.304	ug/l	99
79) tert-butylbenzene	12.07	119	317085	19.979	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	308324	20.984	ug/l	99
81) sec-Butylbenzene	11.95	105	351874	19.990	ug/l	100
82) p-Isopropyltoluene	12.07	119	317085	19.979	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	178877	20.625	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	185429	21.169	ug/l	99
85) n-Butylbenzene	12.39	91	273481	19.440	ug/l	99
86) Hexachloroethane	12.60	117	43292	17.997	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	187577	21.417	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	24282	21.456	ug/l	89
89) 1,2,4-Trichlorobenzene	13.65	180	135671	20.522	ug/l	99
90) Hexachlorobutadiene	13.79	225	65590	19.058	ug/l	99
91) Naphthalene	13.83	128	405597	23.146	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	141056	21.446	ug/l	99

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QLast Update : Thu Jul 12 13:04:19 2018
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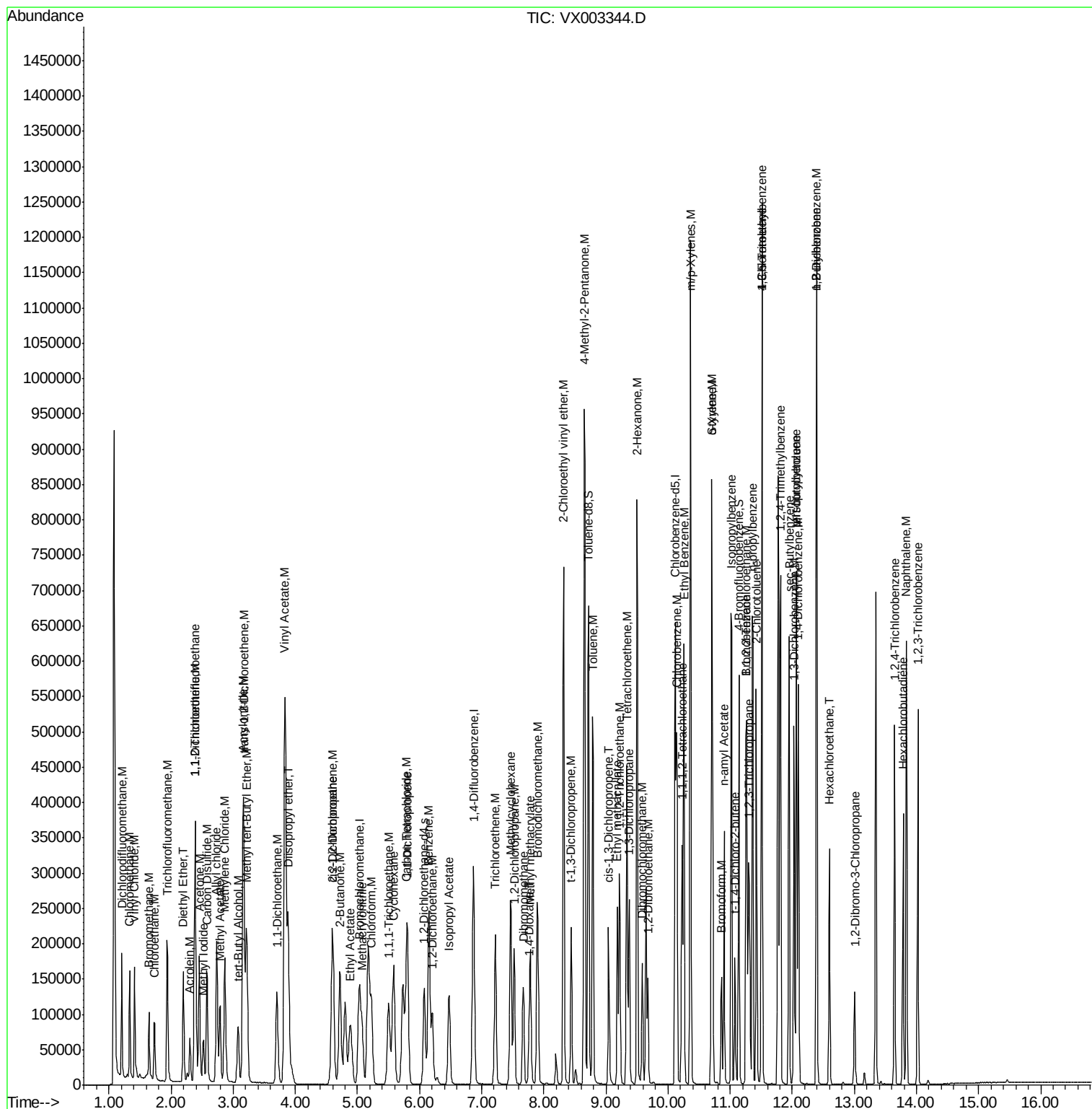
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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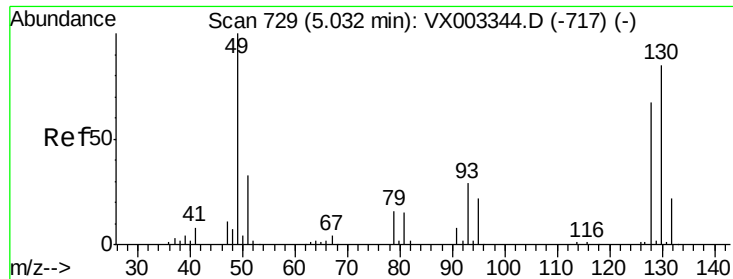
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071218\  
Data File : VX003344.D  
Acq On    : 12 Jul 2018  11:37  
Operator  : JC/MD  
Sample    : VSTDICCC020  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 3    Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Quant Time: Jul 12 13:04:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVQA X\METHOD\624X071218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
Qlast Update : Thu Jul 12 13:04:19 2018
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

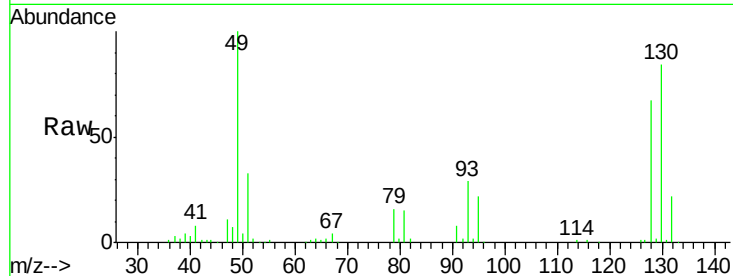
Tot Ion:128 Resp: 59354

Ion Ratio Lower Upper

128 100

49 158.5 0.0 423.0

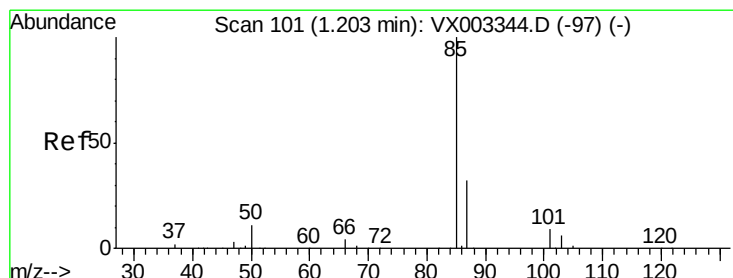
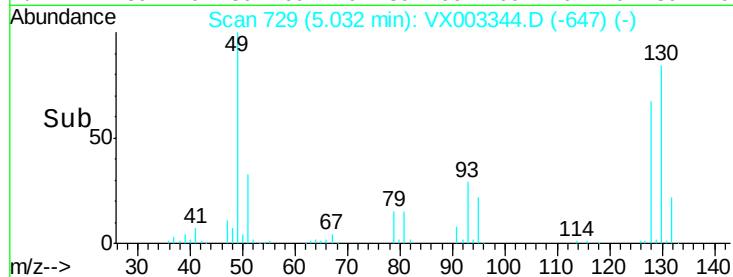
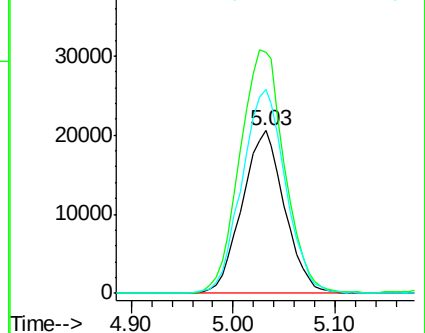
130 129.2 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 34.601 ug/l

RT: 1.20 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX003344.D

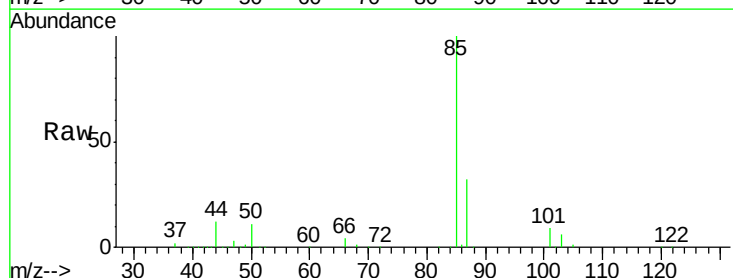
Acq: 12 Jul 2018 11:37

Tgt Ion: 85 Resp: 98022

Ion Ratio Lower Upper

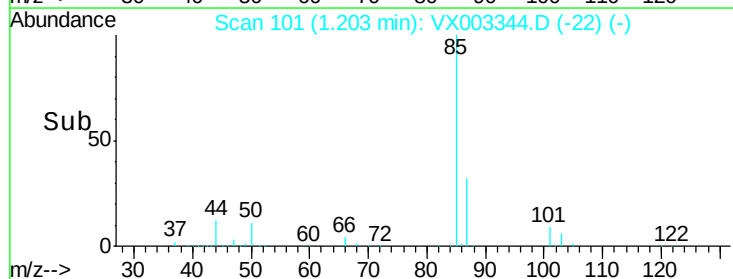
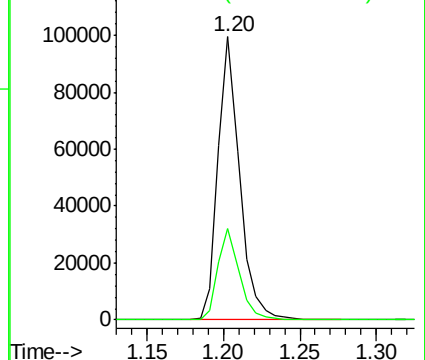
85 100

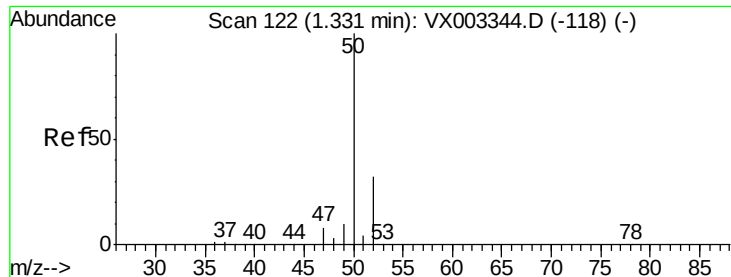
87 32.1 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

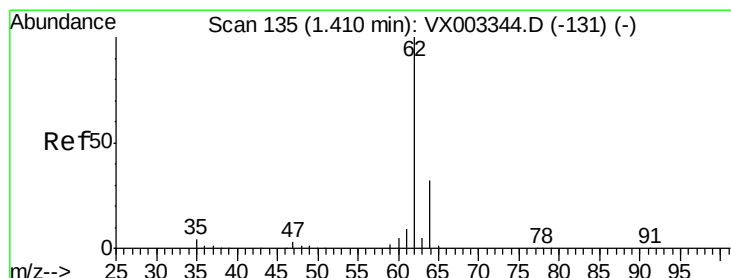
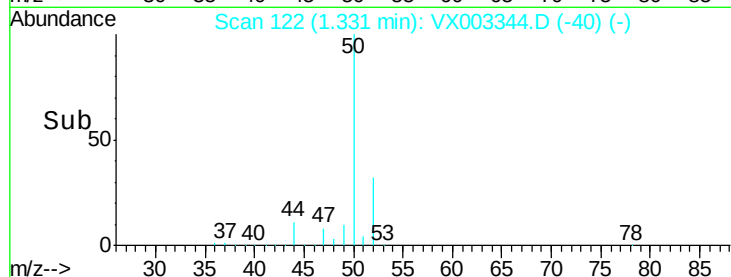
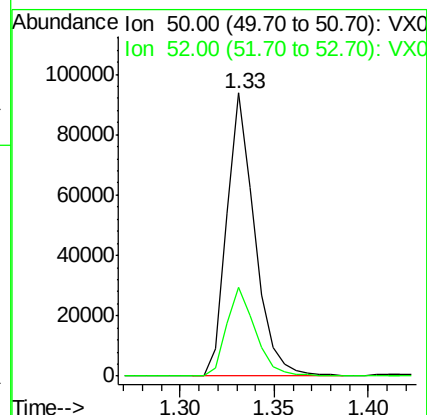
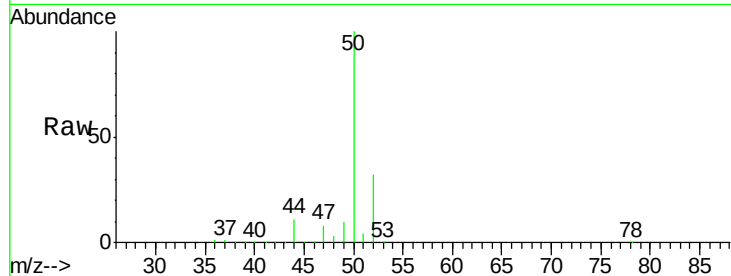




#3
Chloromethane
Concen: 31.287 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

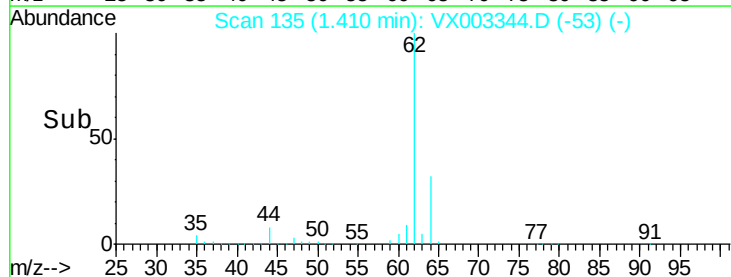
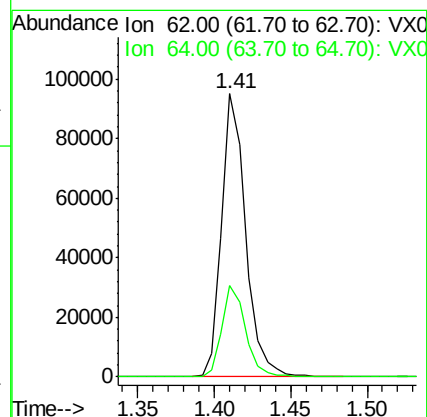
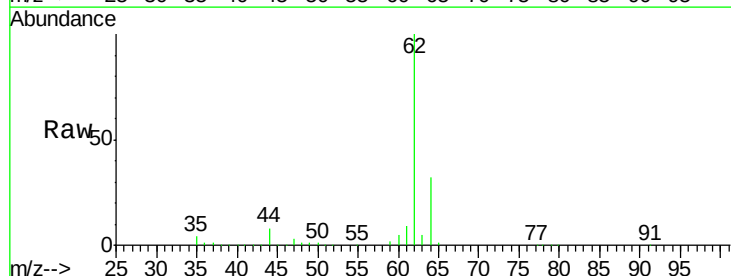
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

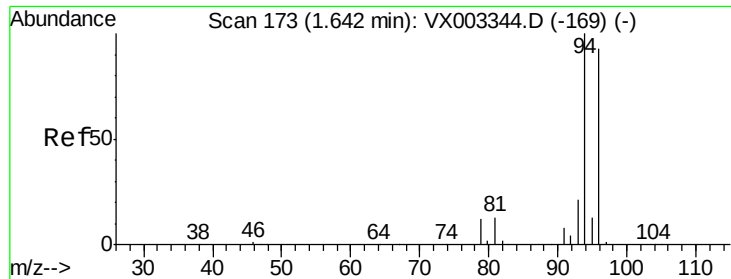
Tot Ion: 50 Resp: 96221
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 30.269 ug/l
RT: 1.41 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 62 Resp: 103721
Ion Ratio Lower Upper
62 100
64 32.3 25.3 37.9





#5

Bromomethane

Concen: 21.833 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

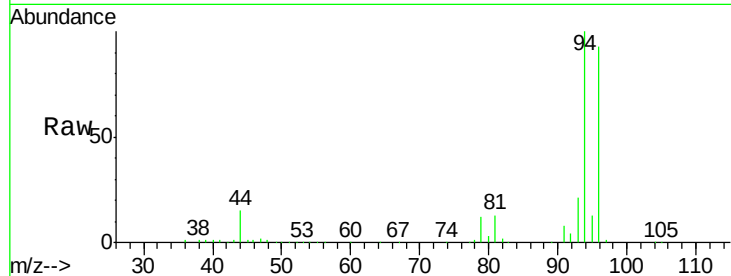
VSTDICCC020

Tot Ion: 94 Resp: 43708

Ion Ratio Lower Upper

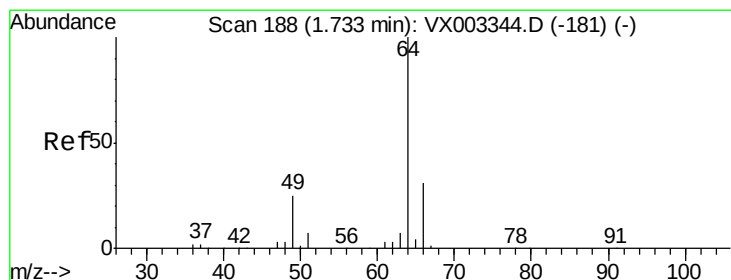
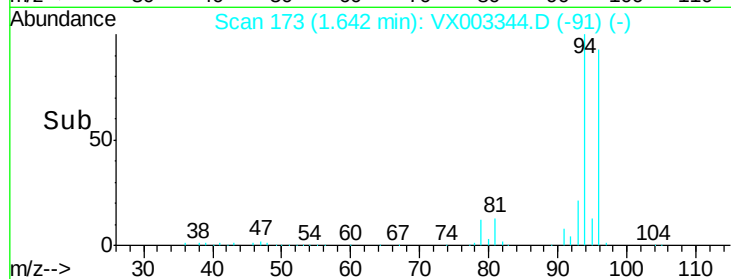
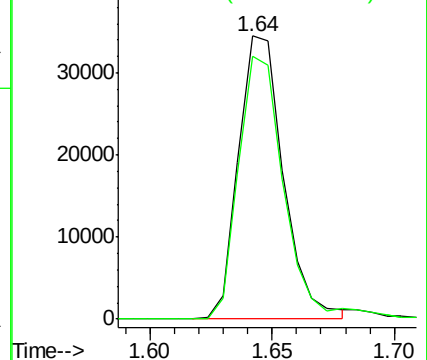
94 100

96 92.9 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 26.384 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX003344.D

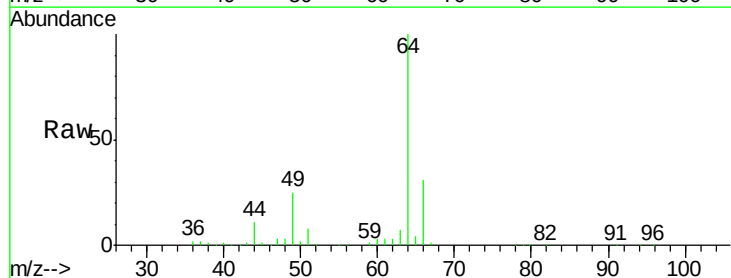
Acq: 12 Jul 2018 11:37

Tgt Ion: 64 Resp: 60805

Ion Ratio Lower Upper

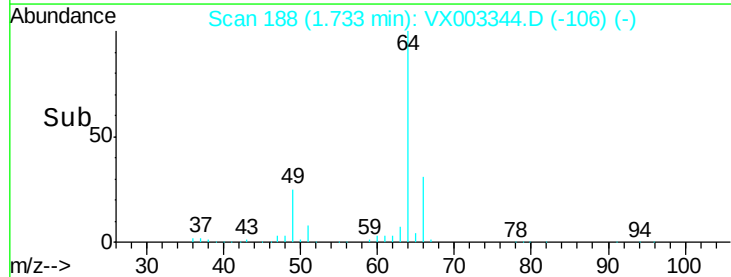
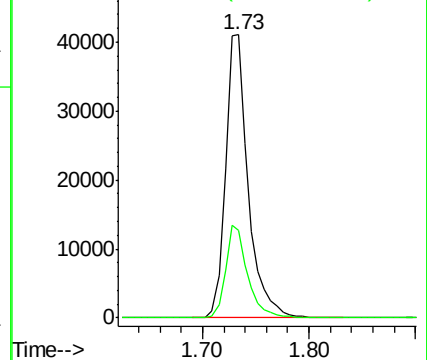
64 100

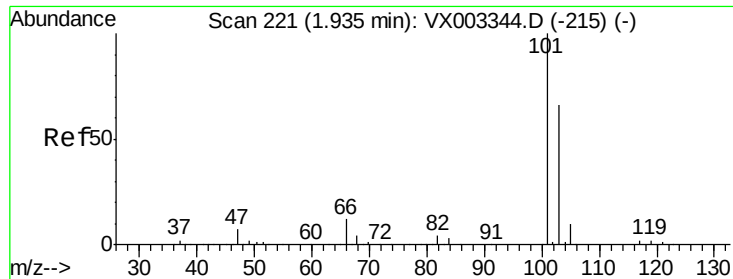
66 30.9 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



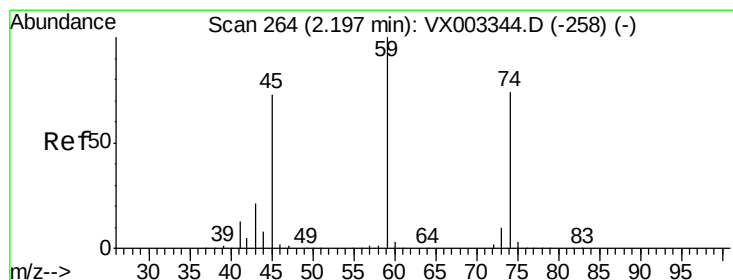
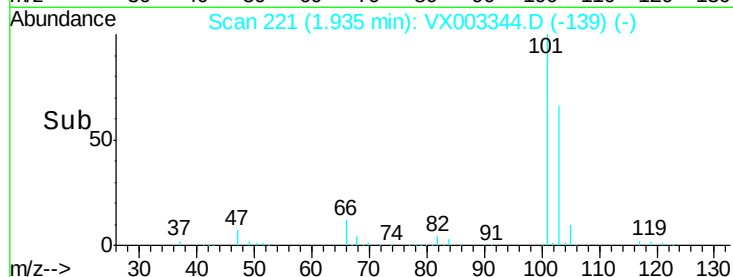
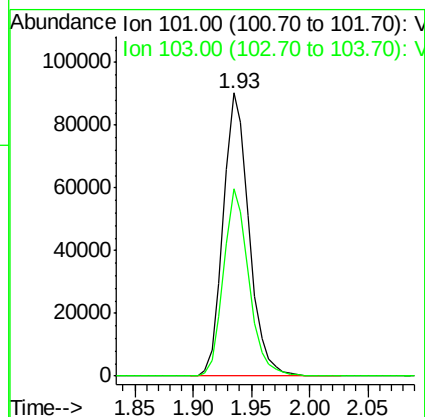
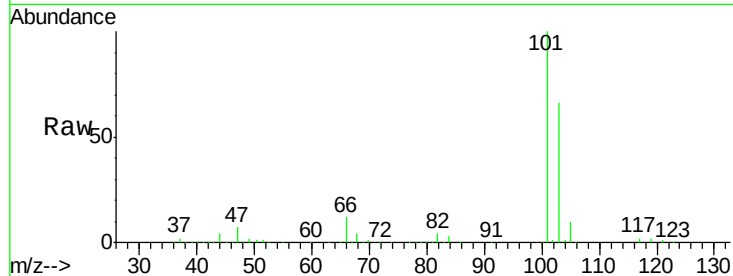


#7

Trichlorofluoromethane
Concen: 22.684 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Instrument :
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ClientSampleId :
VSTDICCC020

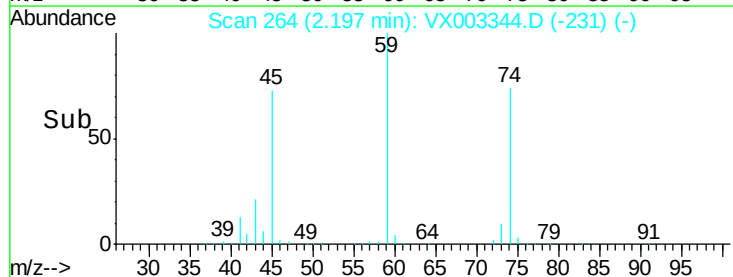
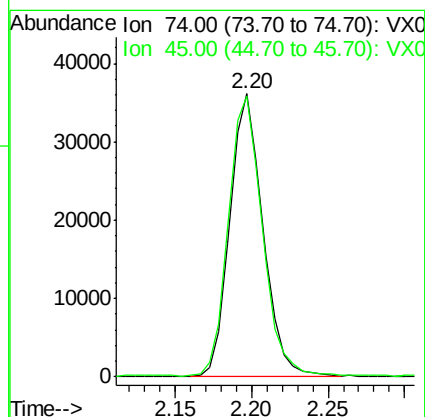
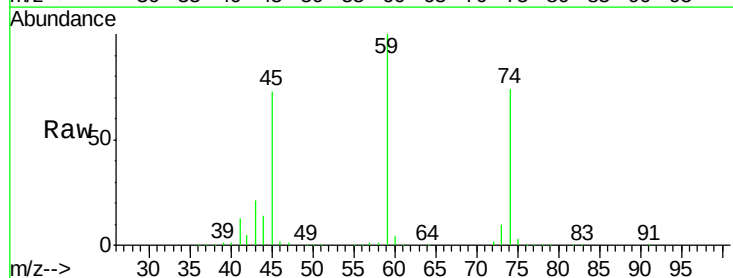
Tot Ion:101 Resp: 138163
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

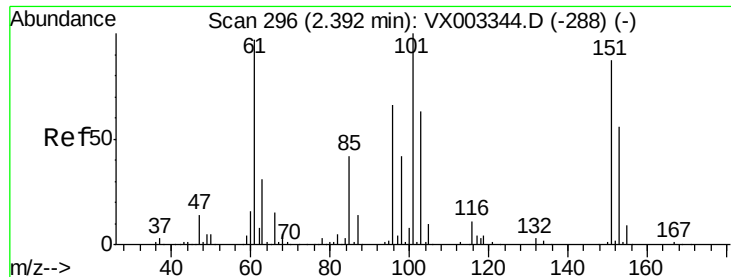


#8

Diethyl Ether
Concen: 25.021 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 74 Resp: 54339
Ion Ratio Lower Upper
74 100
45 100.7 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.279 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

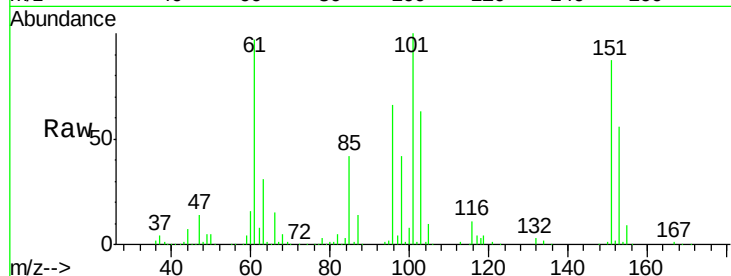
Tot Ion:101 Resp: 81155

Ion Ratio Lower Upper

101 100

85 42.9 0.0 87.0

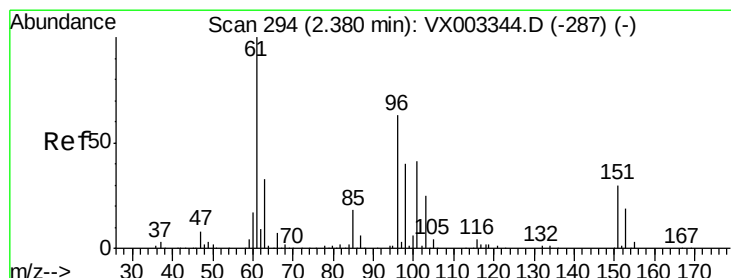
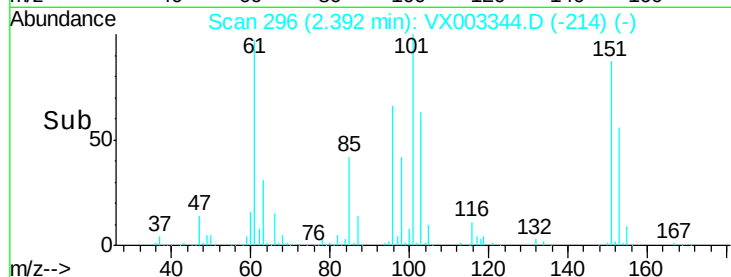
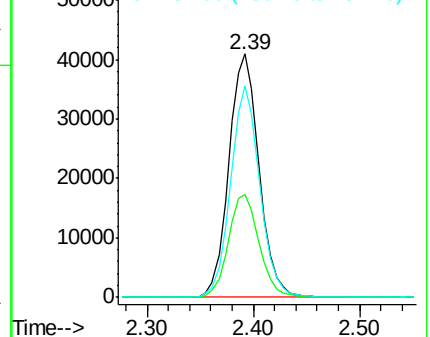
151 84.2 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 24.664 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

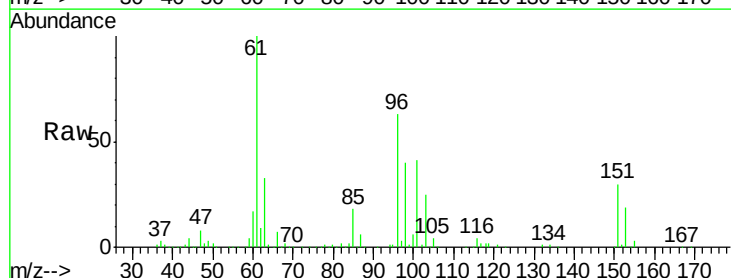
Tgt Ion: 96 Resp: 75681

Ion Ratio Lower Upper

96 100

61 158.2 137.5 206.3

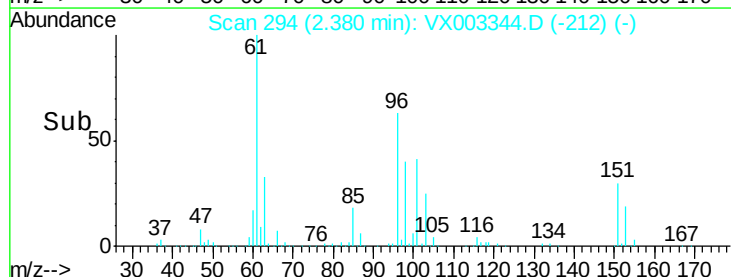
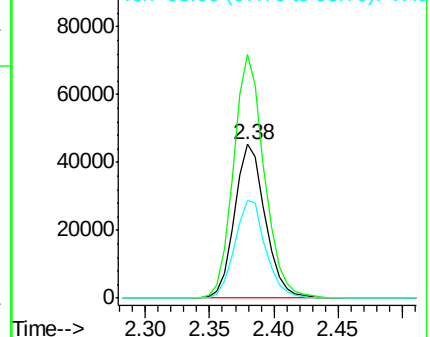
98 63.5 51.4 77.2

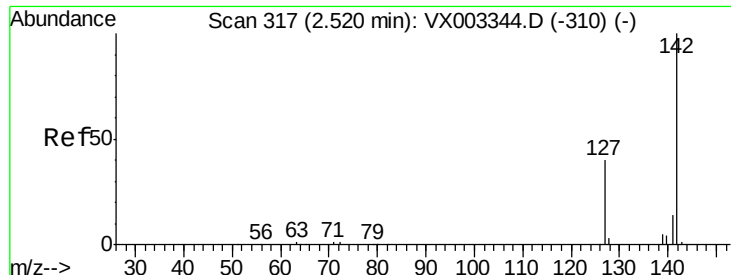


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

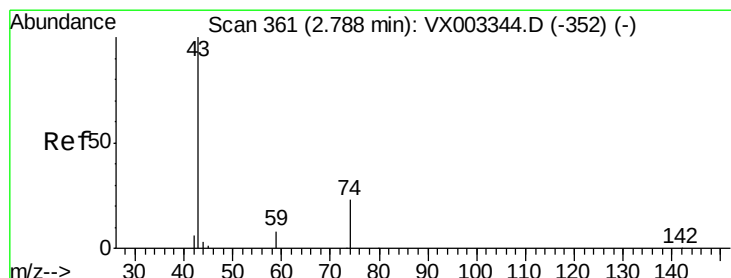
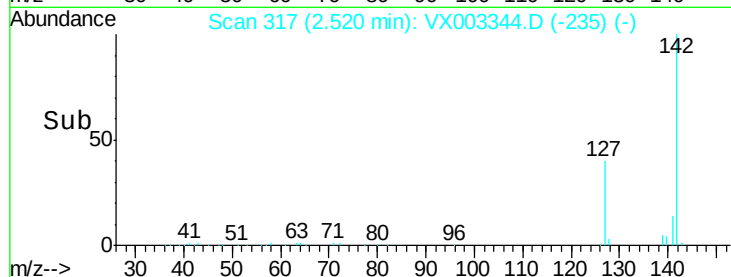
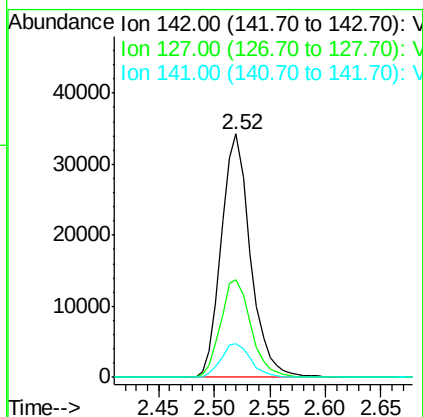
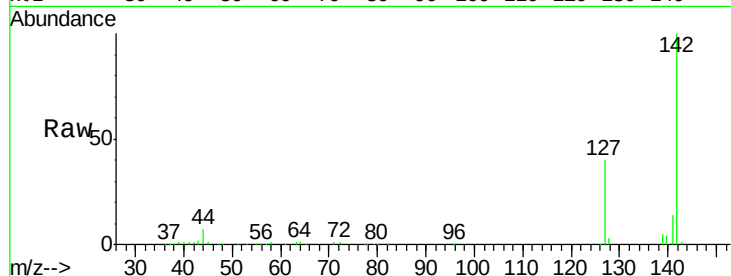




#11
Methyl Iodide
Concen: 17.659 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

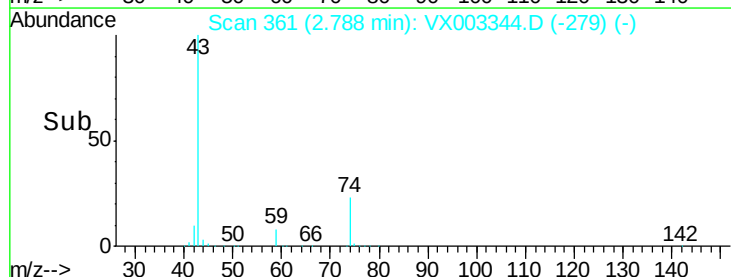
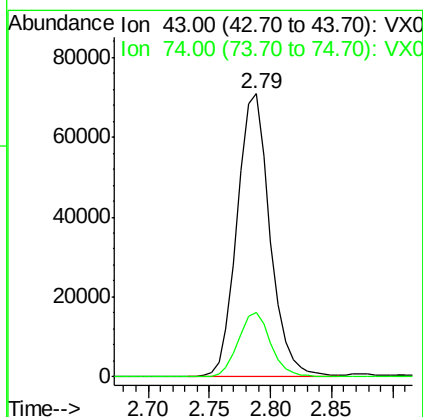
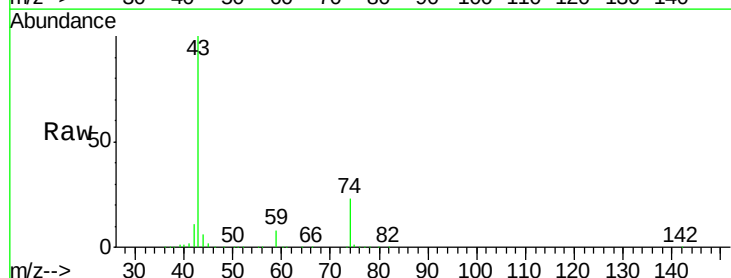
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

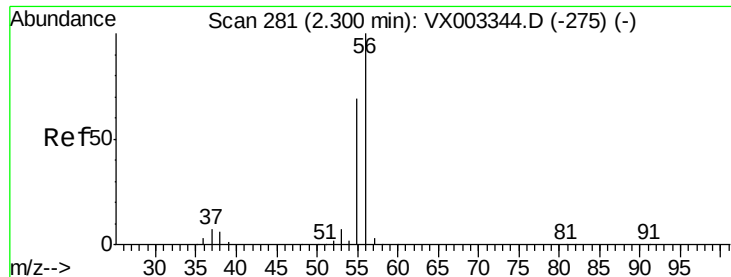
Tot Ion:142 Resp: 62403
Ion Ratio Lower Upper
142 100
127 40.2 23.2 69.6
141 13.8 7.4 22.2



#12
Methyl Acetate
Concen: 26.251 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 43 Resp: 130719
Ion Ratio Lower Upper
43 100
74 22.7 16.4 24.6





#13

Acrolein

Concen: 130.166 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

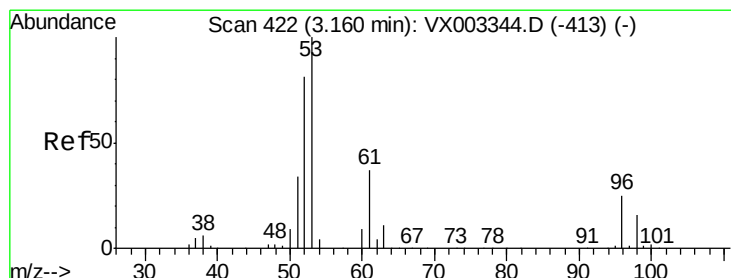
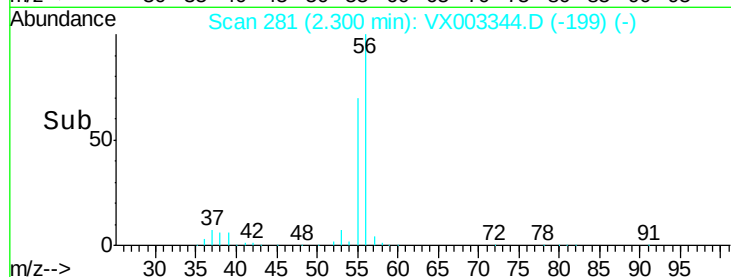
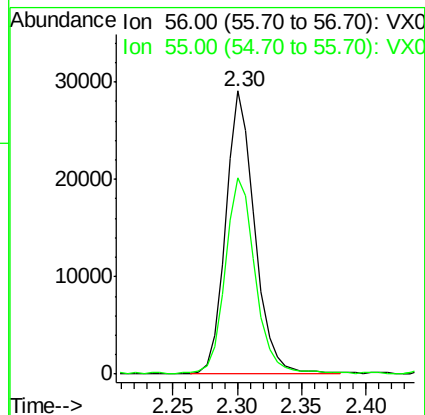
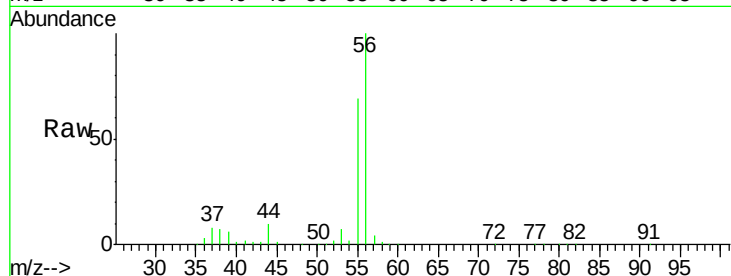
VSTDICCC020

Tot Ion: 56 Resp: 46085

Ion Ratio Lower Upper

56 100

55 70.1 57.3 85.9



#14

Acrylonitrile

Concen: 124.563 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

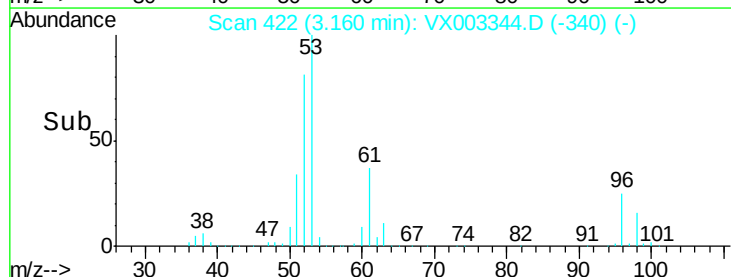
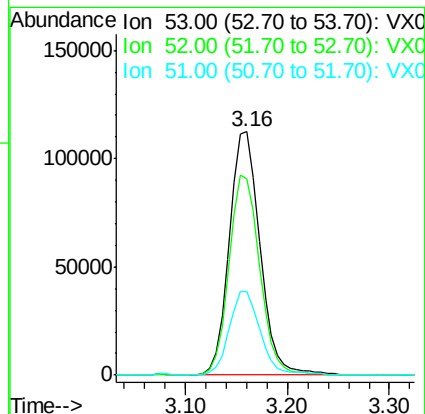
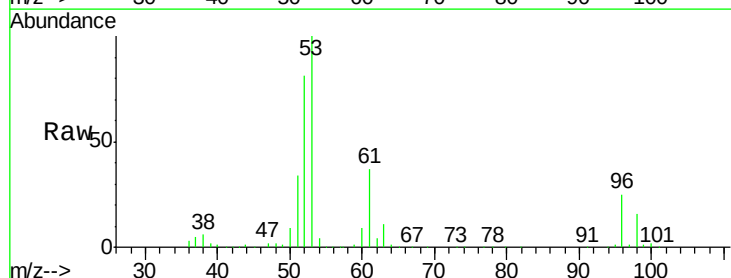
Tgt Ion: 53 Resp: 233290

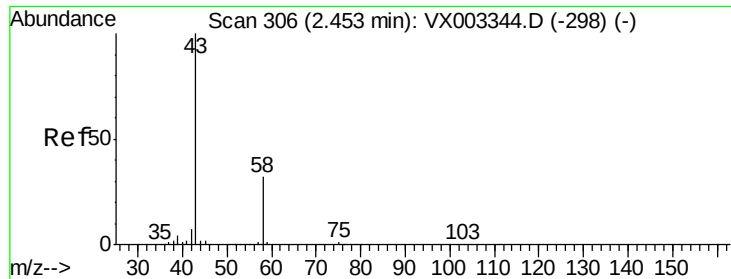
Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.6

51 35.2 17.9 53.8

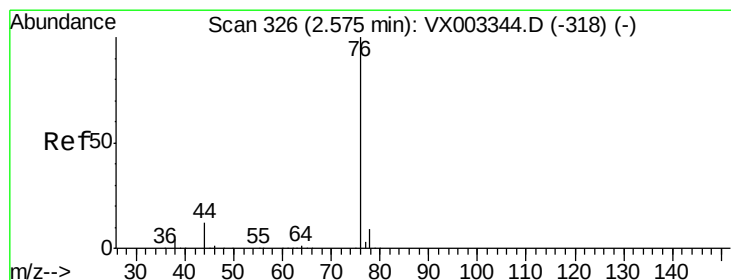
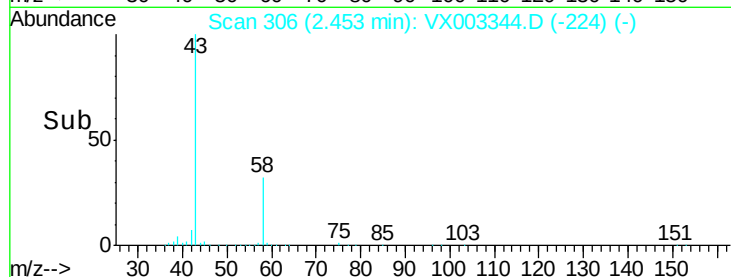
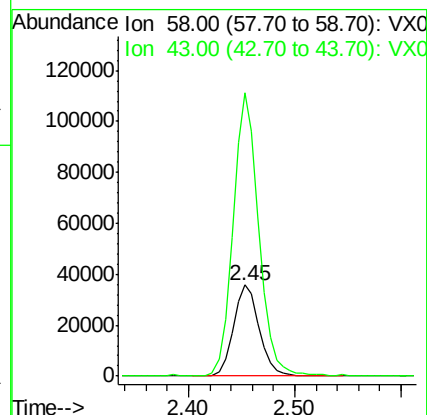
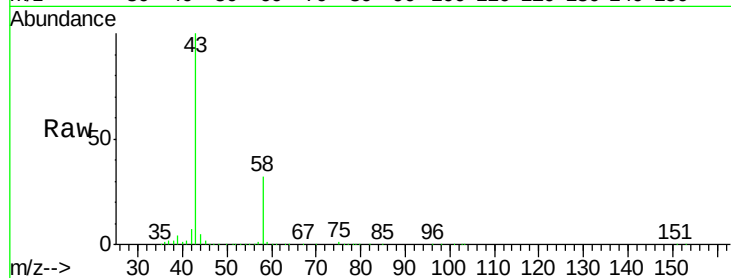




#15
Acetone
Concen: 117.260 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

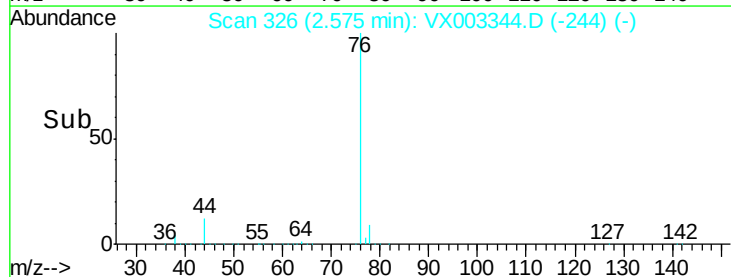
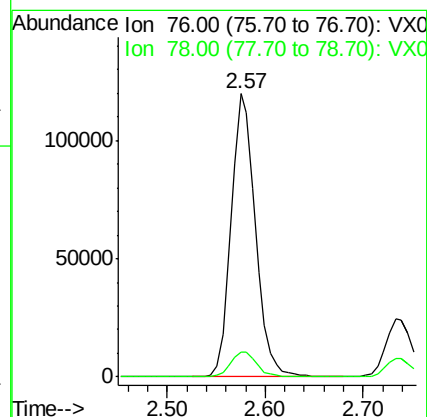
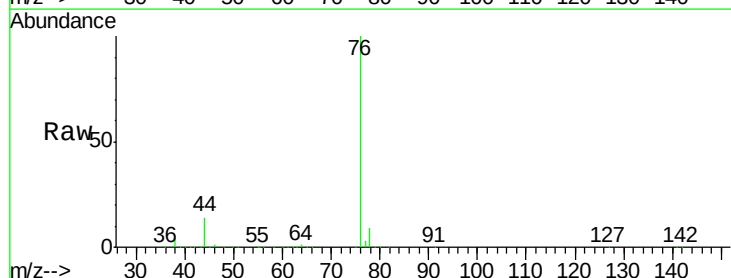
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

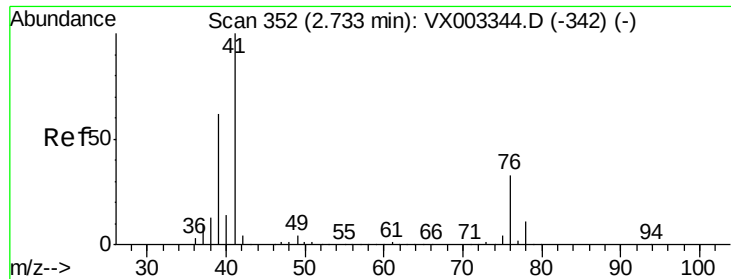
Tot Ion: 58 Resp: 61042
Ion Ratio Lower Upper
58 100
43 309.3 278.8 418.2



#16
Carbon Disulfide
Concen: 26.851 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 76 Resp: 206301
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

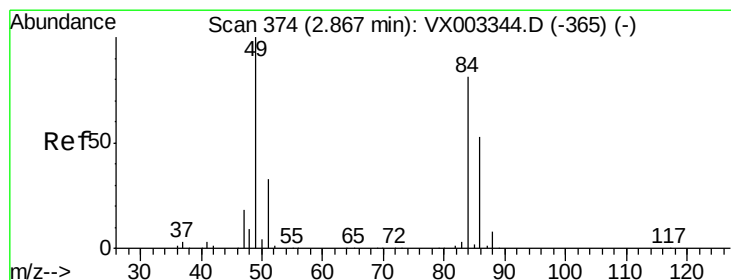
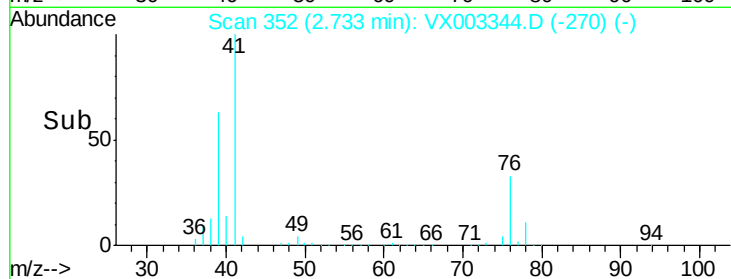
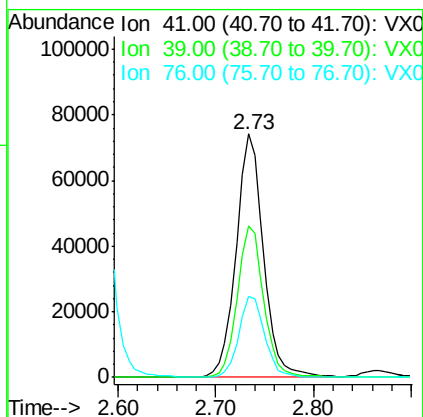
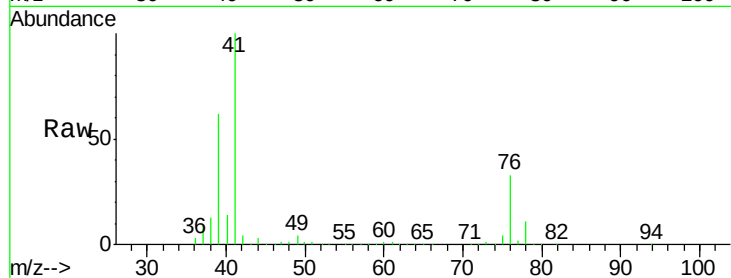




#17
Allvl chloride
Concen: 23.475 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

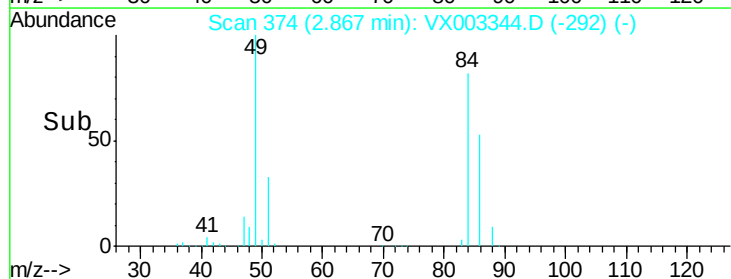
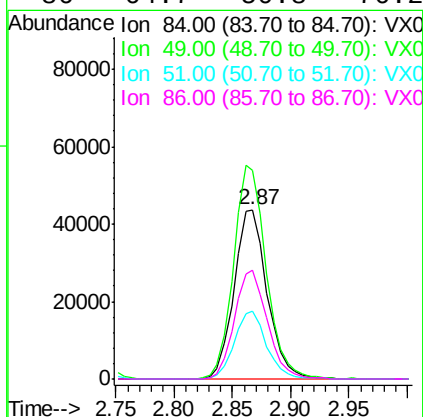
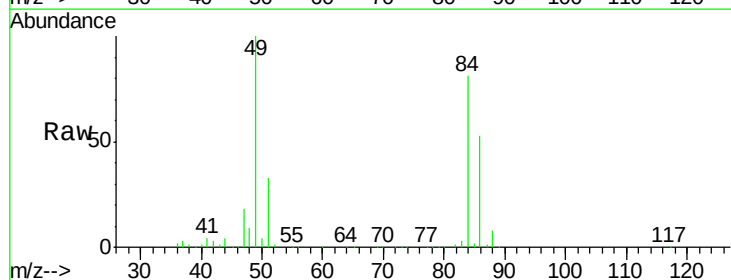
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

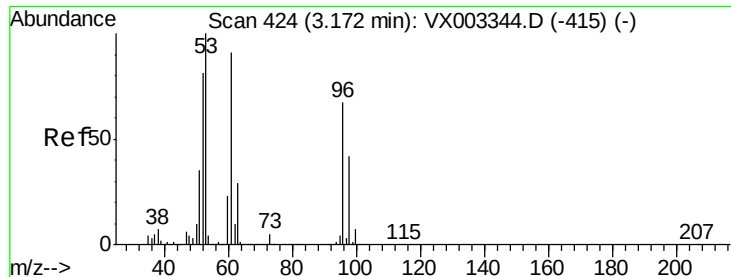
Tot Ion: 41 Resp: 143344
Ion Ratio Lower Upper
41 100
39 62.4 34.6 103.8
76 33.0 15.0 45.1



#18
Methylene Chloride
Concen: 24.713 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 84 Resp: 86795
Ion Ratio Lower Upper
84 100
49 123.0 104.7 157.1
51 40.0 31.0 46.4
86 64.7 50.8 76.2

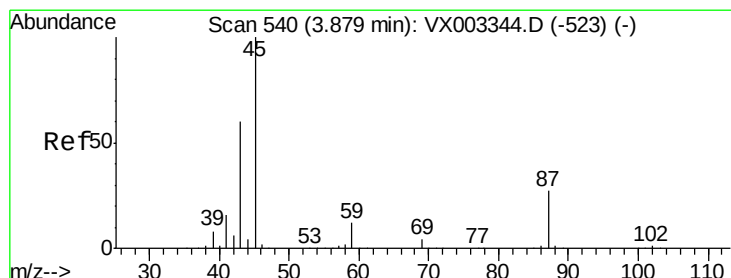
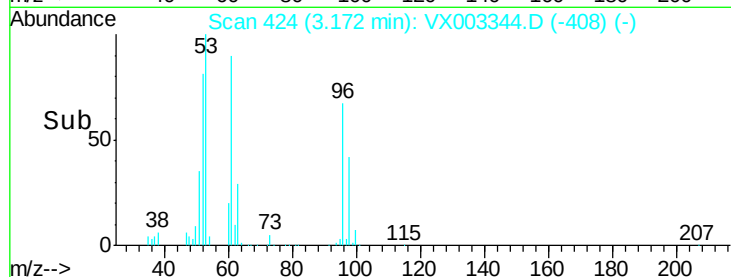
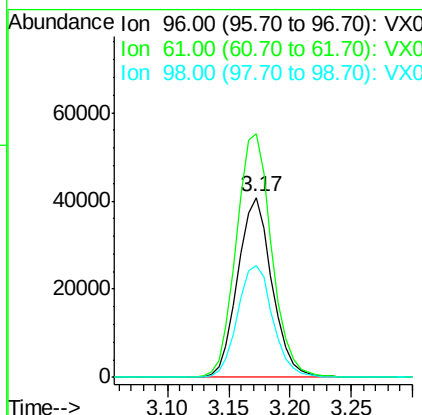
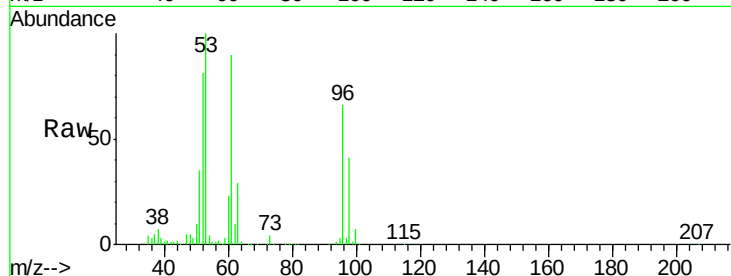




#19
trans-1,2-Dichloroethene
Concen: 24.167 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

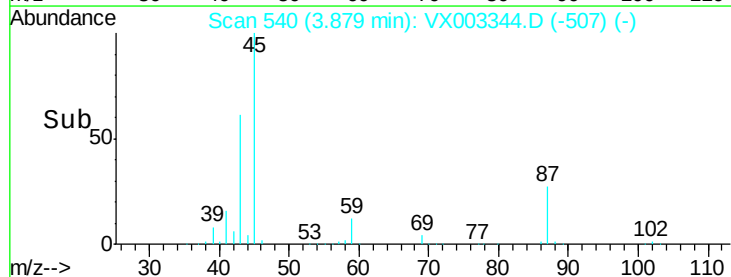
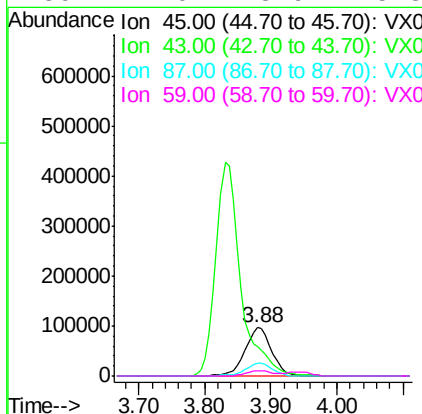
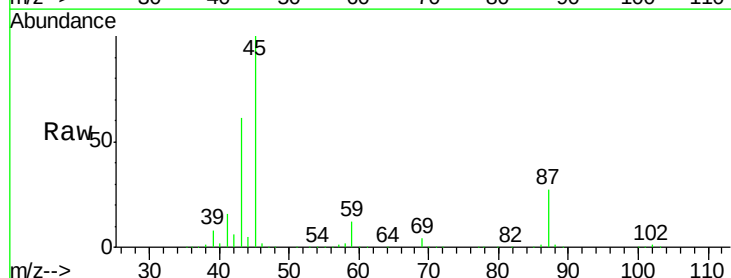
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

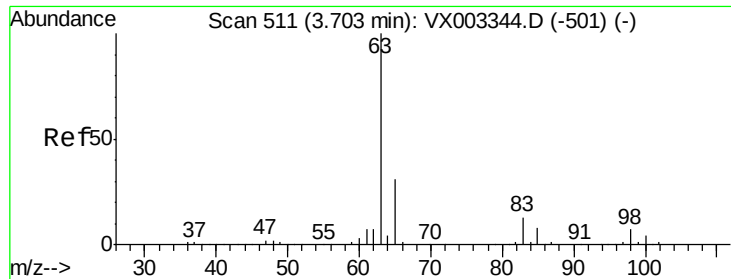
Tot Ion: 96 Resp: 79518
Ion Ratio Lower Upper
96 100
61 135.2 114.6 172.0
98 62.3 51.3 76.9



#20
Diisopropyl ether
Concen: 23.675 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 45 Resp: 269368
Ion Ratio Lower Upper
45 100
43 60.4 45.6 68.4
87 26.9 20.7 31.1
59 12.0 8.9 13.3





#21

1,1-Dichloroethane

Concen: 25.435 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

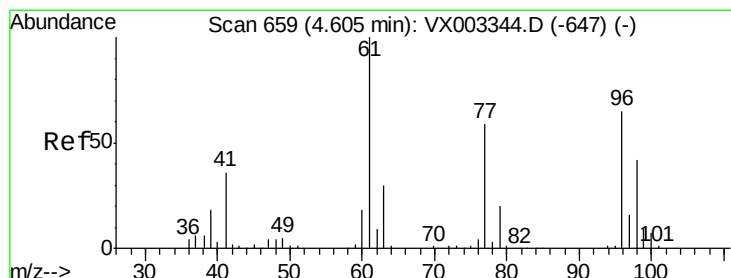
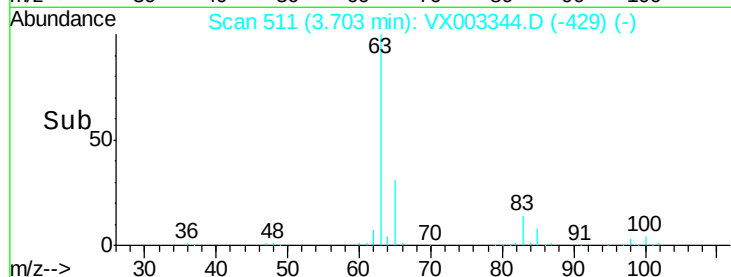
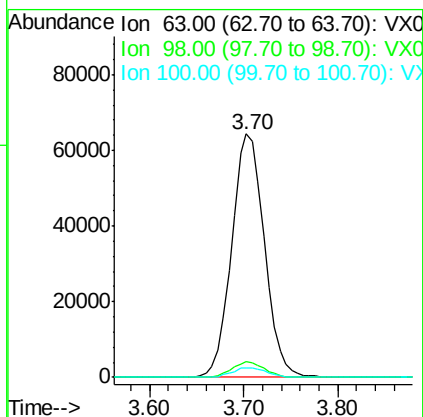
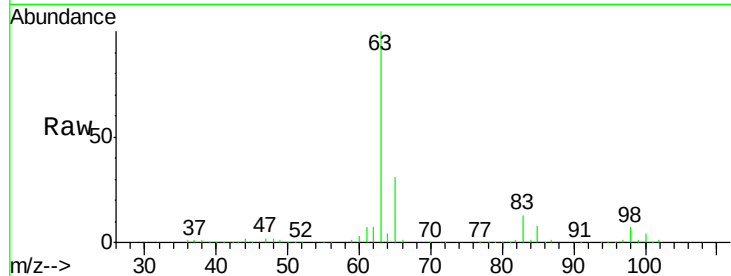
Tot Ion: 63 Resp: 155615

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 4.0 2.2 6.6



#22

cis-1,2-Dichloroethene

Concen: 22.666 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

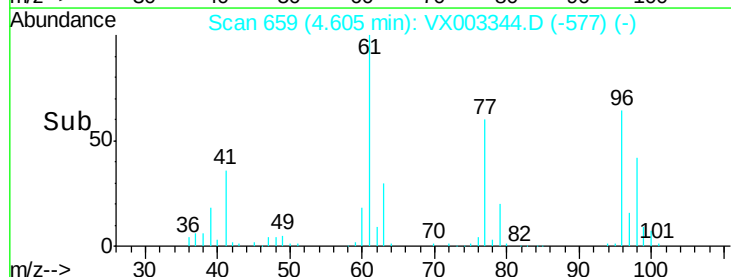
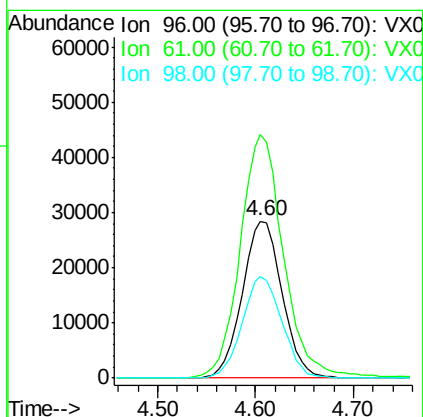
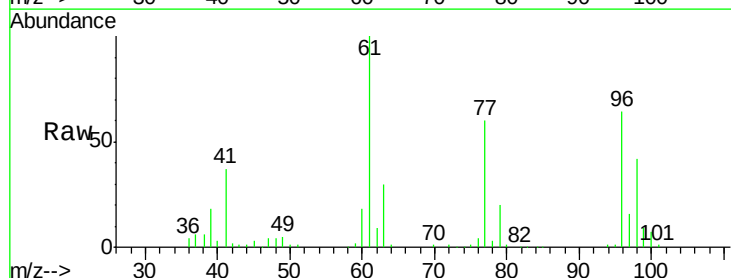
Tgt Ion: 96 Resp: 80165

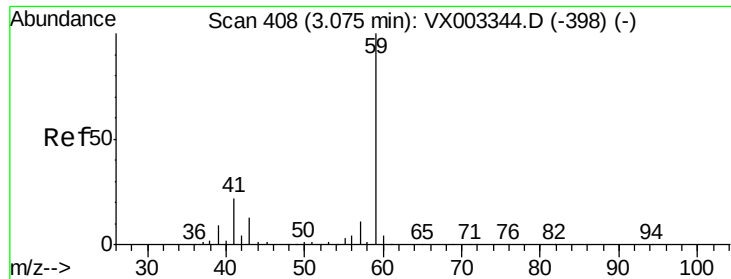
Ion Ratio Lower Upper

96 100

61 168.1 160.2 240.2

98 64.6 54.1 81.1



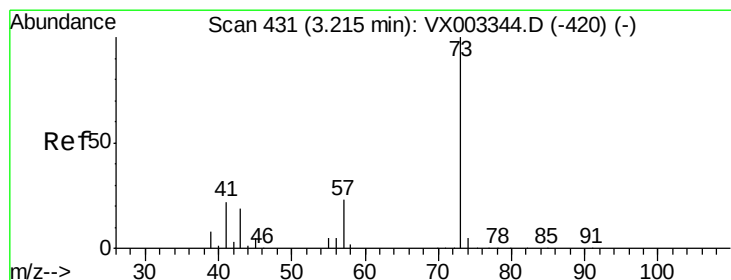
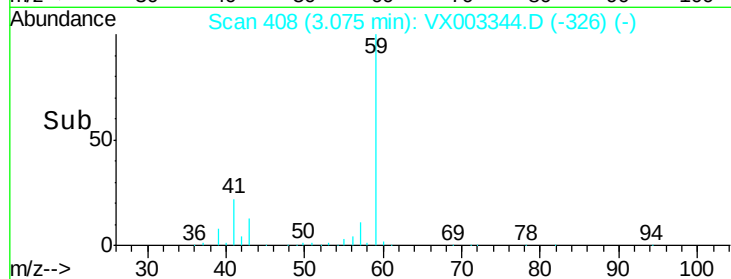
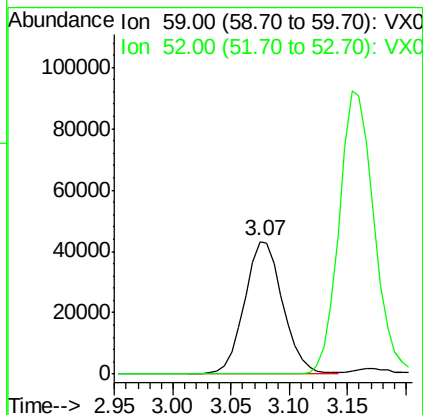
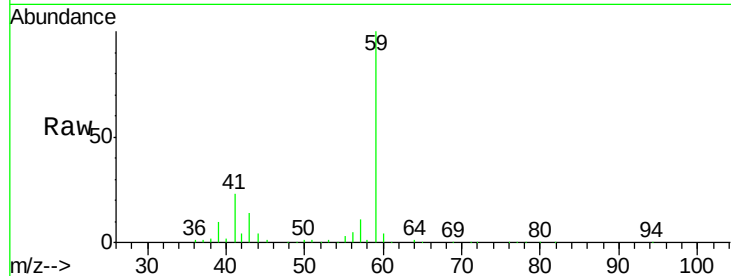


#23

tert-Butyl Alcohol
 Concen: 116.831 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

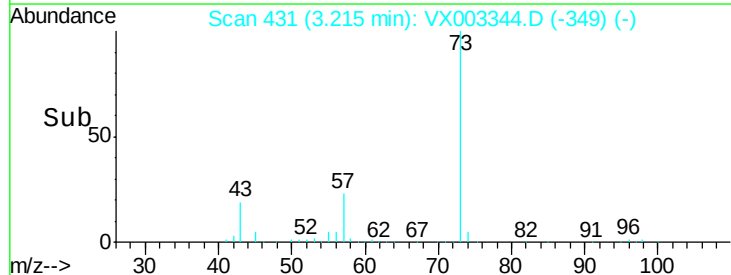
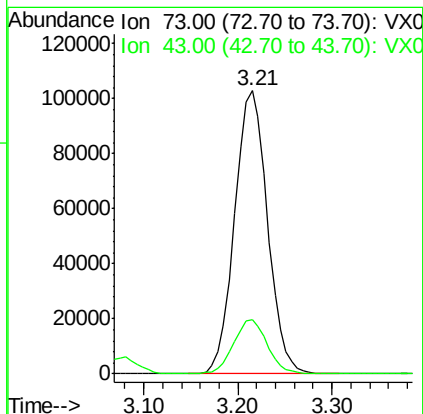
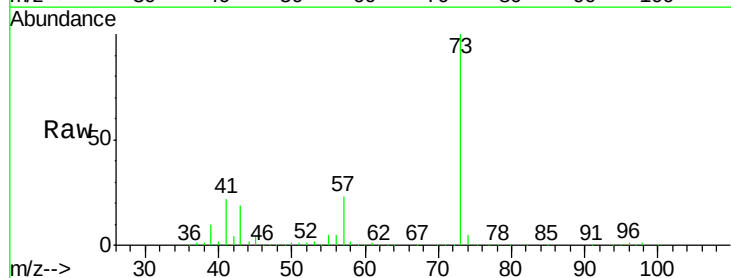
Tot Ion: 59 Resp: 99343
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

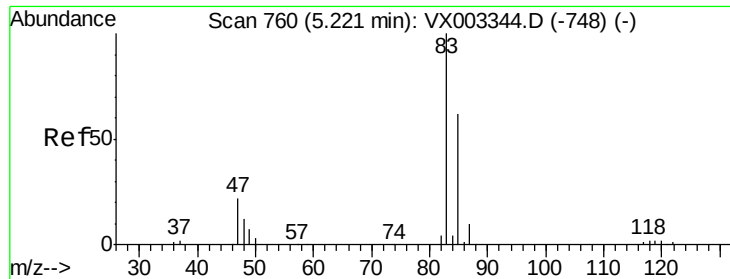


#24

Methyl tert-Butyl Ether
 Concen: 21.784 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion: 73 Resp: 249572
 Ion Ratio Lower Upper
 73 100
 43 19.3 19.0 28.4

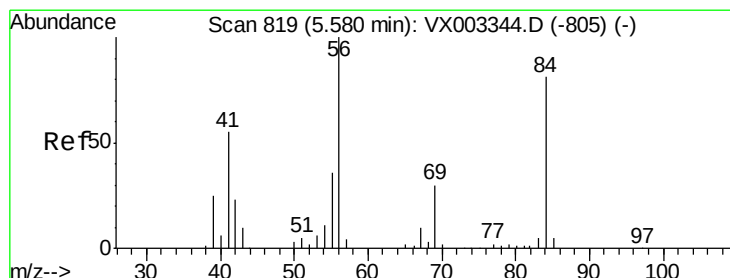
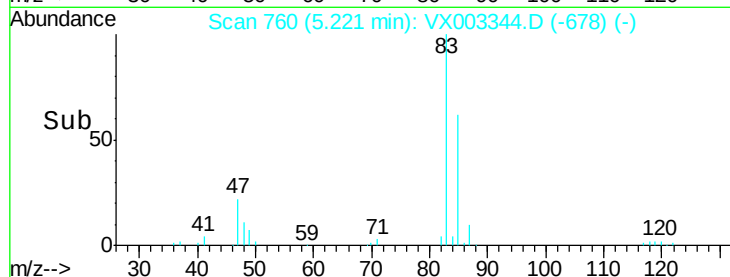
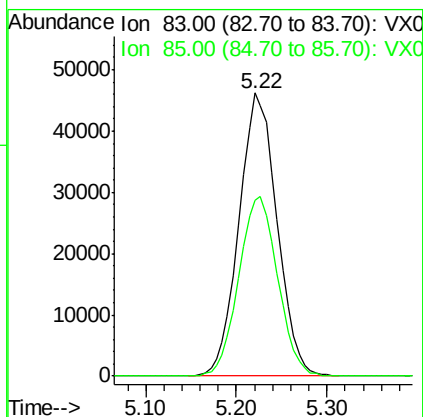
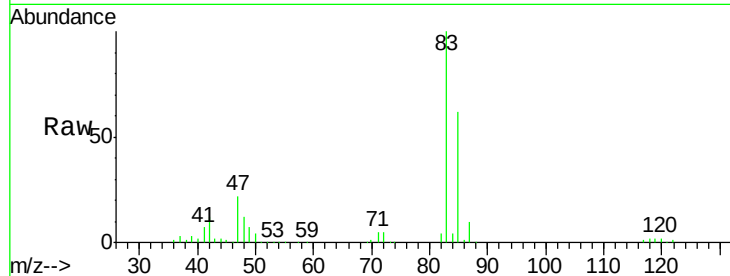




#25
Chloroform
Concen: 21.917 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

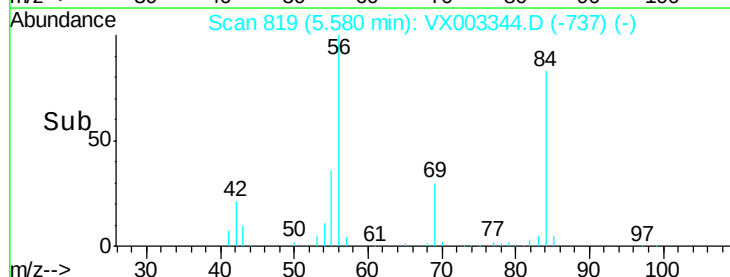
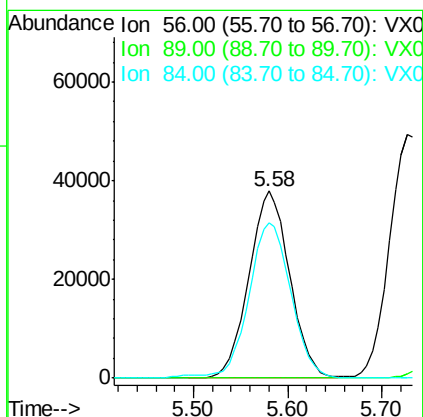
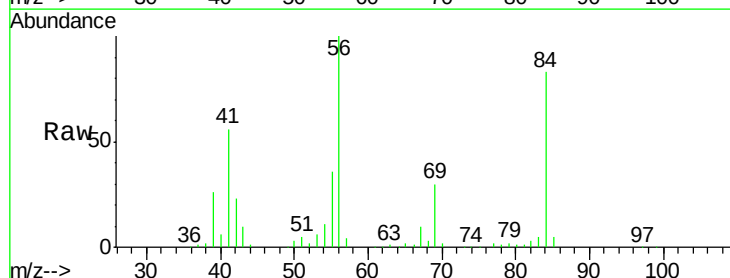
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

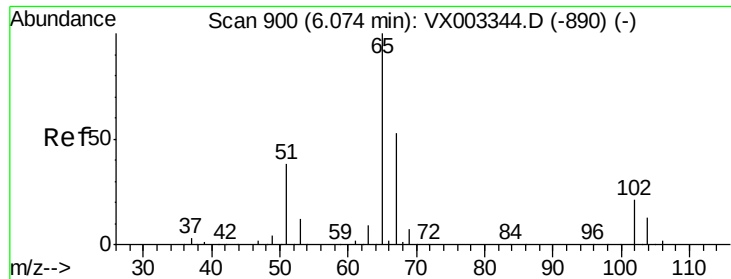
Tot Ion: 83 Resp: 134566
Ion Ratio Lower Upper
83 100
85 62.1 51.9 77.9



#26
Cyclohexane
Concen: 22.097 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 56 Resp: 114858
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.9 64.9 97.3

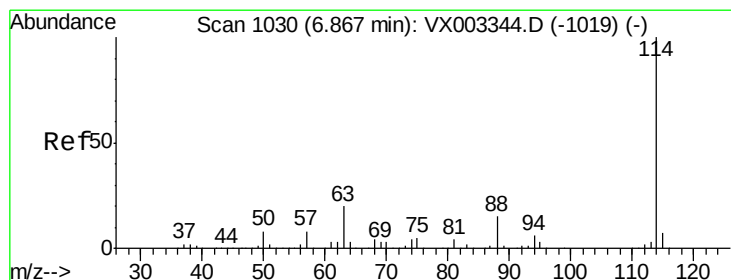
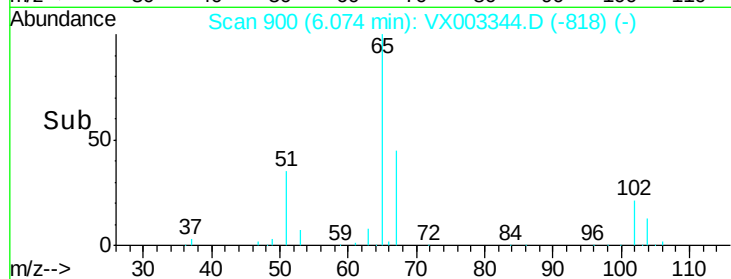
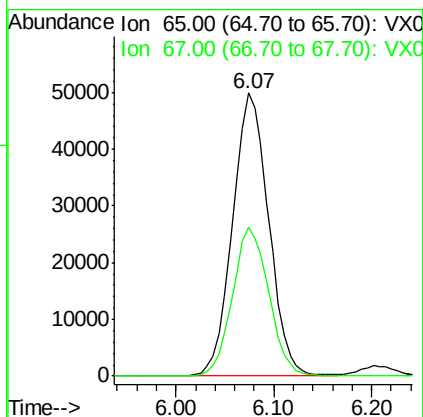
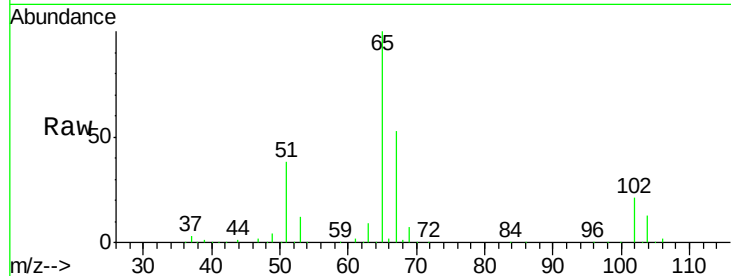




#27
 1,2-Dichloroethane-d4
 Concen: 28.212 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

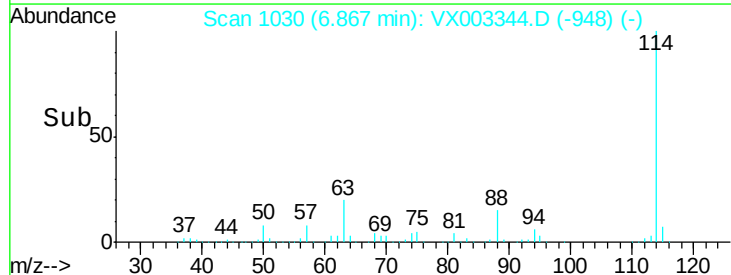
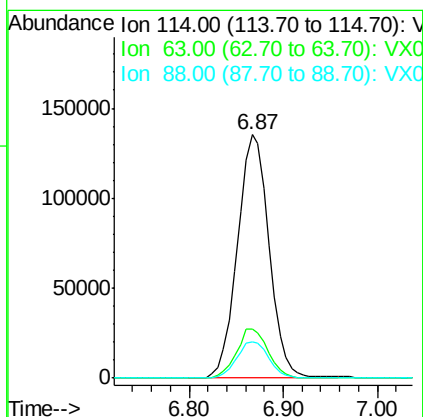
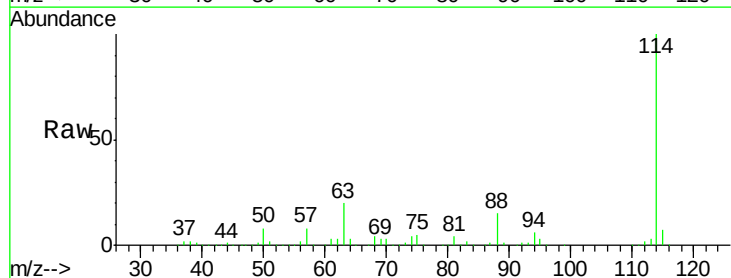
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

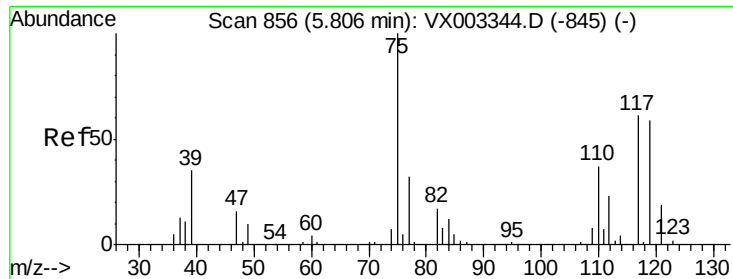
Tot Ion: 65 Resp: 127871
 Ion Ratio Lower Upper
 65 100
 67 52.6 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion: 114 Resp: 318446
 Ion Ratio Lower Upper
 114 100
 63 20.2 17.1 25.7
 88 15.4 12.6 19.0

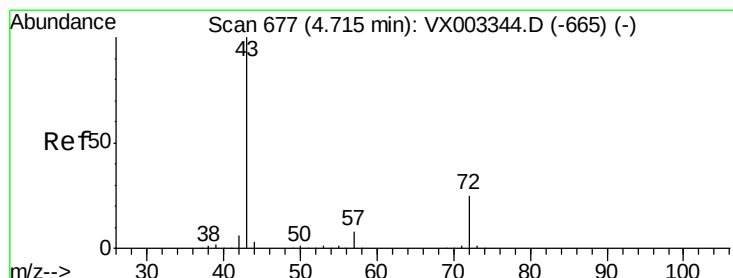
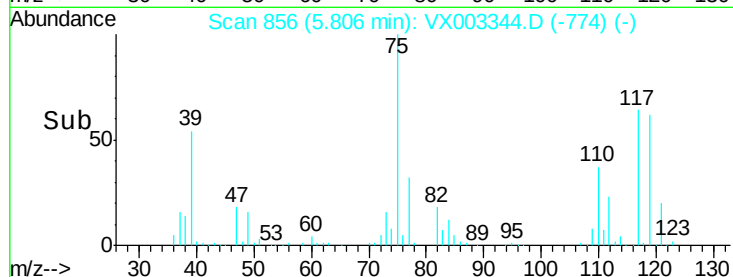
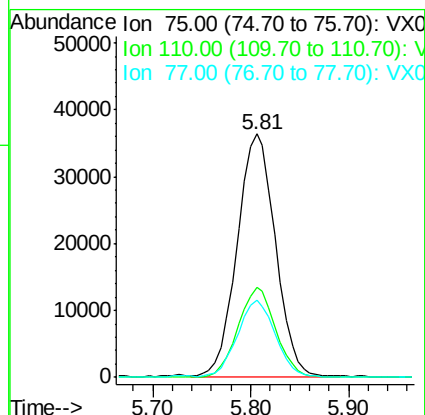
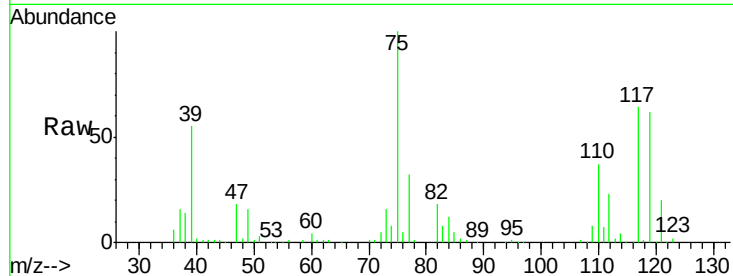




#29
 1,1-Dichloropropene
 Concen: 23.044 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

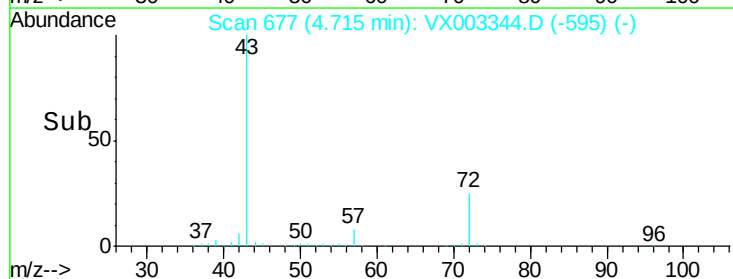
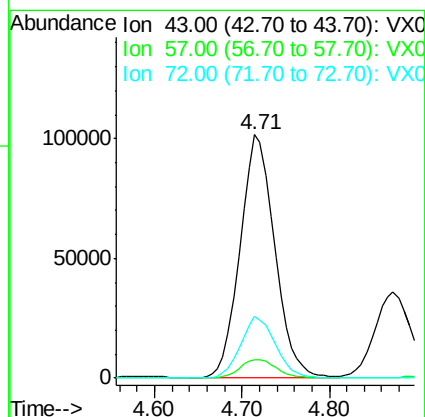
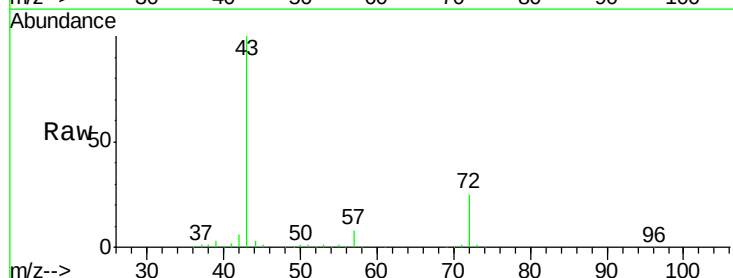
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

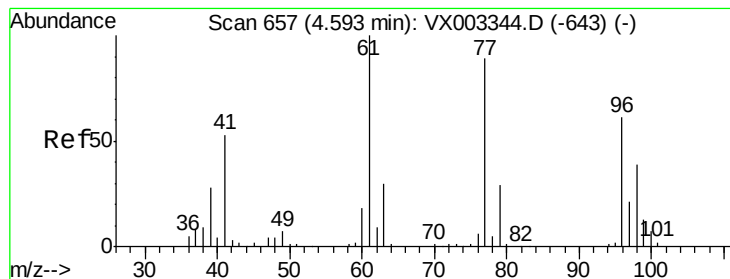
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.3	0.0	71.4
77	31.5	0.0	60.6



#30
 2-Butanone
 Concen: 113.958 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.1	9.1
72	25.4	18.1	27.1





#31

2,2-Dichloropropane

Concen: 21.918 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

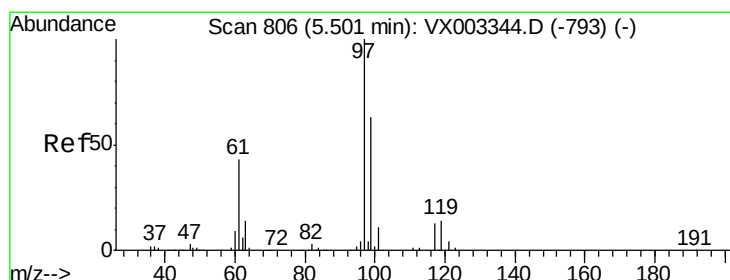
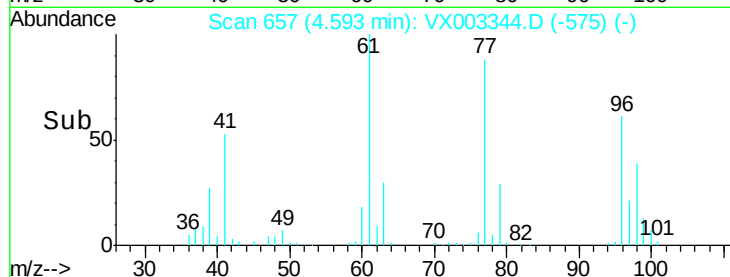
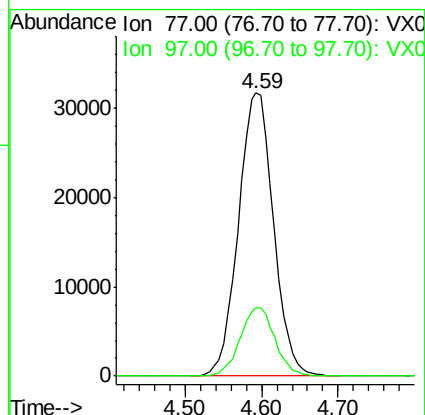
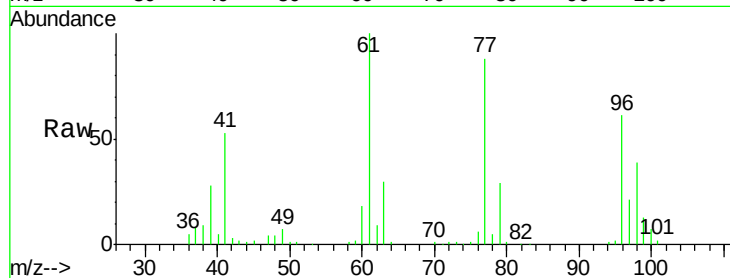
VSTDICCC020

Tot Ion: 77 Resp: 100737

Ion Ratio Lower Upper

77 100

97 24.1 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 21.465 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

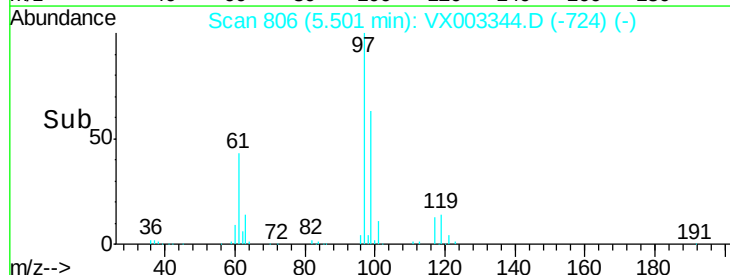
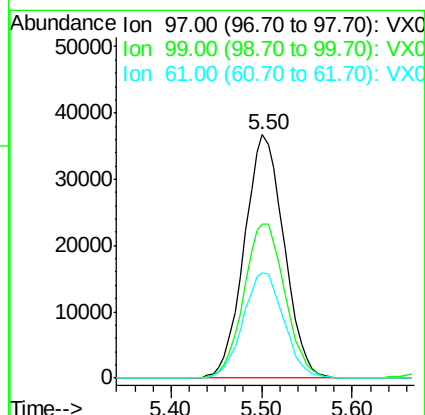
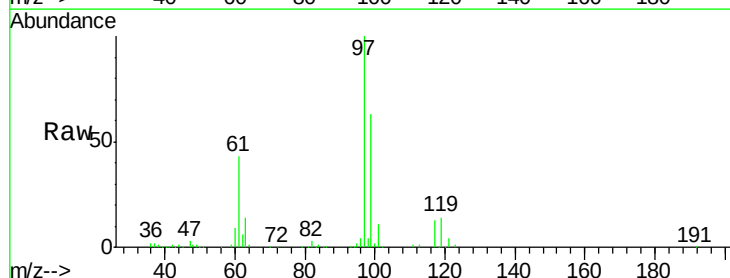
Tgt Ion: 97 Resp: 111508

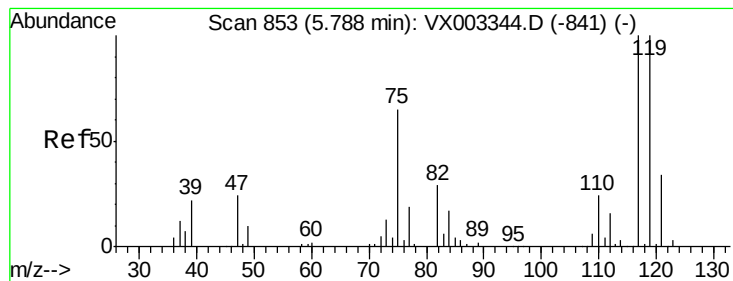
Ion Ratio Lower Upper

97 100

99 65.3 51.7 77.5

61 44.5 36.4 54.6





#33

Carbon Tetrachloride

Concen: 21.088 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

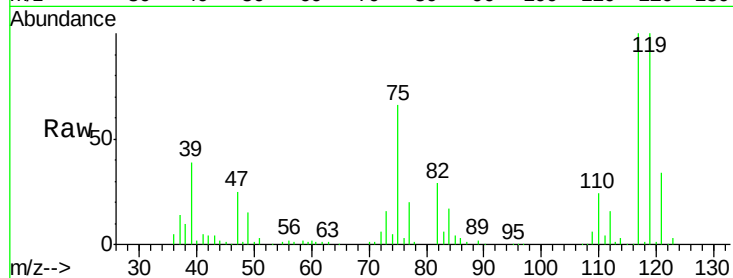
Tot Ion:117 Resp: 98467

Ion Ratio Lower Upper

117 100

119 100.0 73.3 109.9

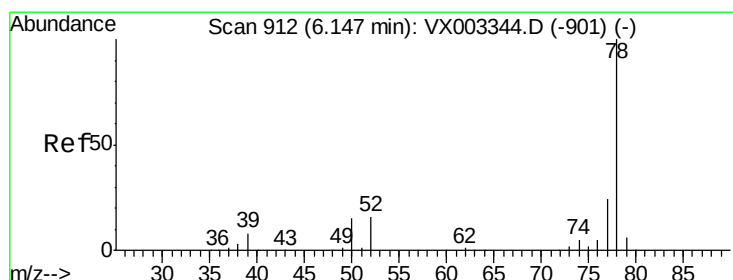
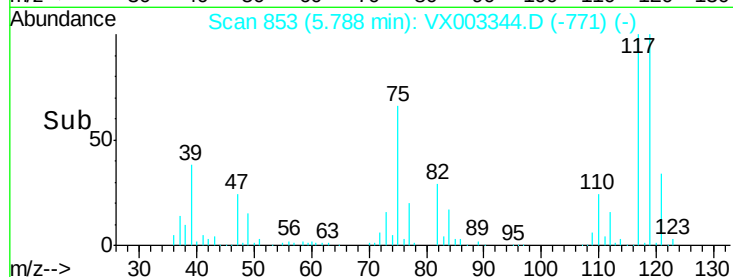
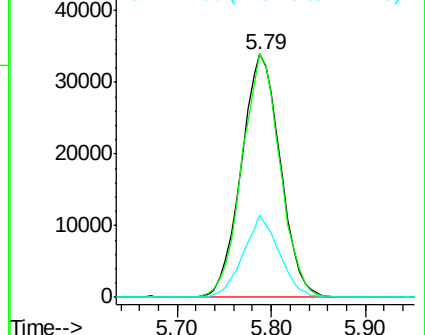
121 34.0 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 23.764 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

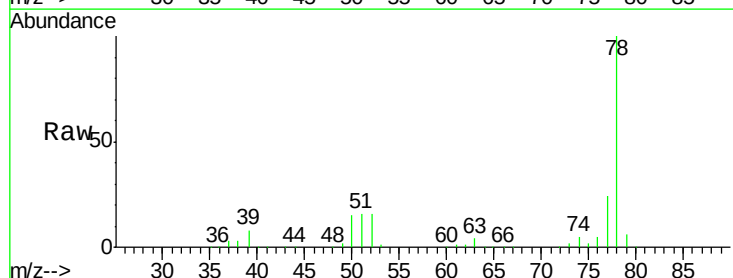
Tgt Ion: 78 Resp: 302658

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

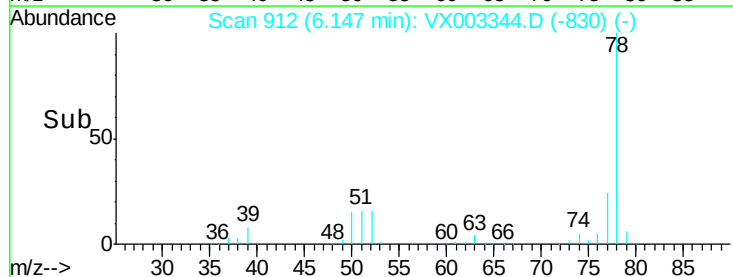
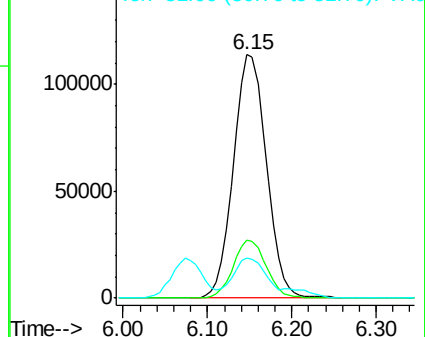
51 16.1 13.8 20.6

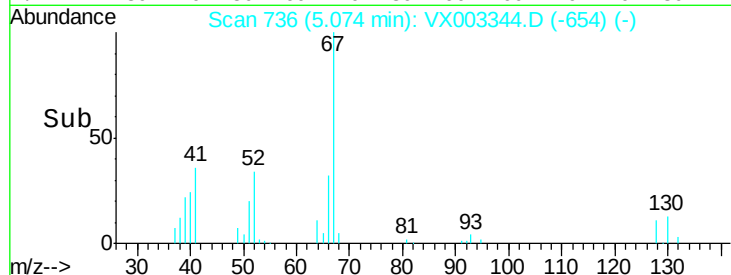
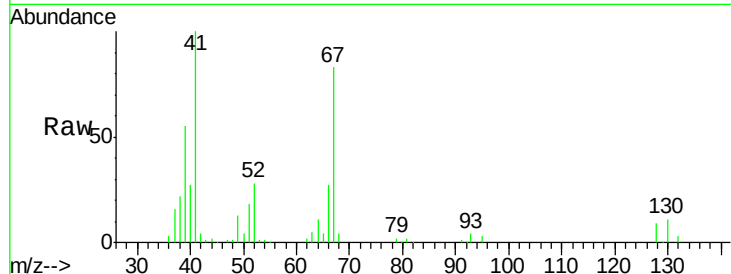
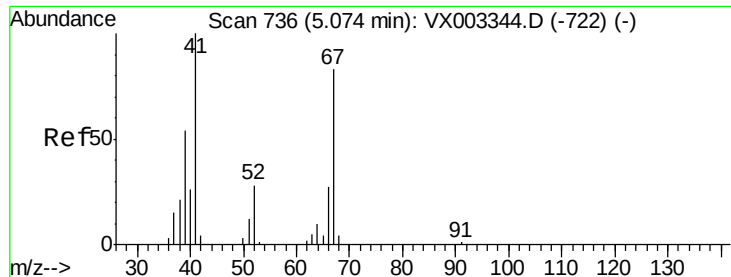


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

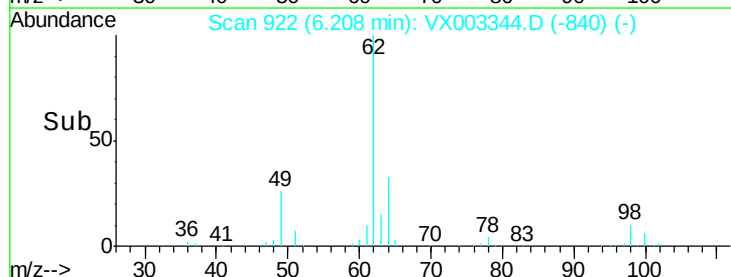
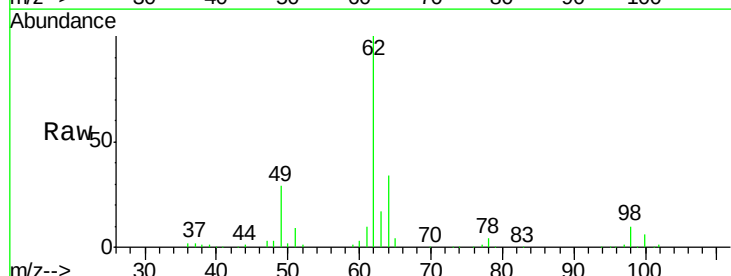
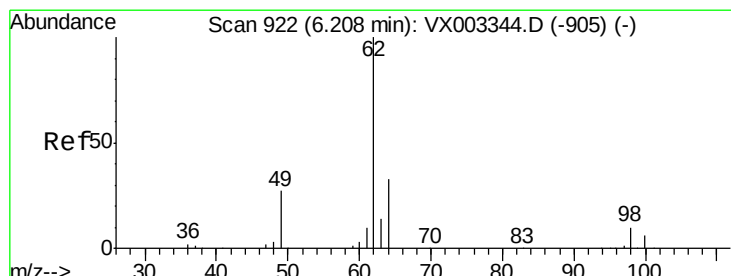
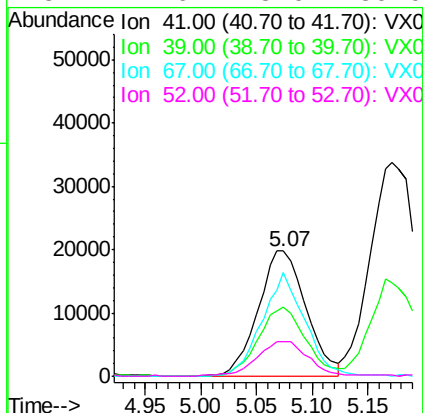




#35
Methacrylonitrile
Concen: 22.206 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

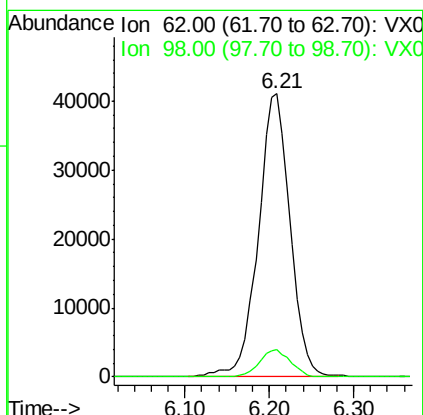
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

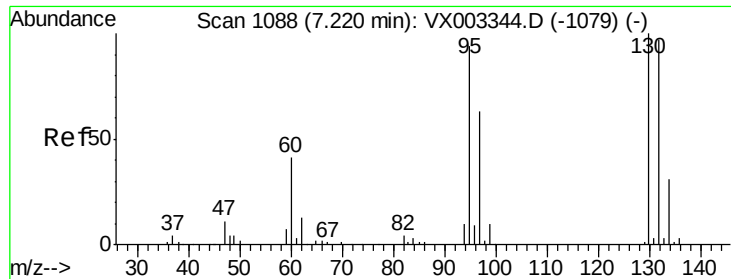
Tot Ion:	41	Resp:	59495
Ion	Ratio	Lower	Upper
41	100		
39	54.4	28.8	86.5
67	83.0	30.4	91.2
52	27.6	13.0	39.0



#36
1,2-Dichloroethane
Concen: 21.269 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion:	62	Resp:	106348
Ion	Ratio	Lower	Upper
62	100		
98	9.5	6.5	9.7

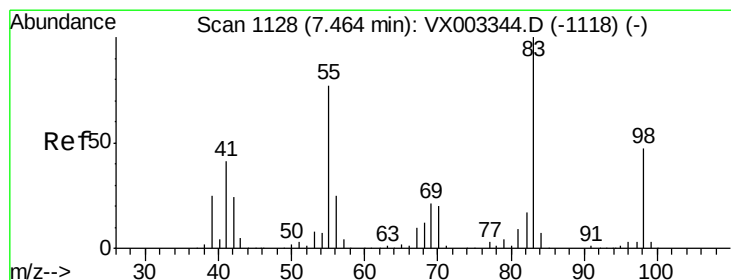
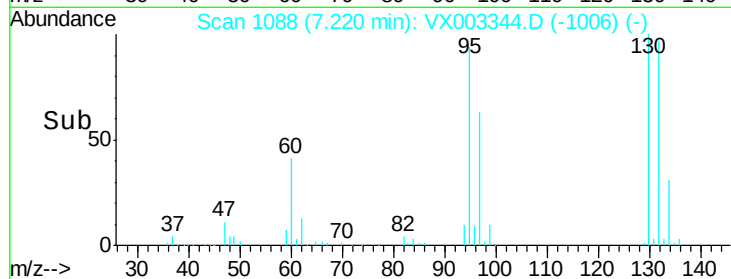
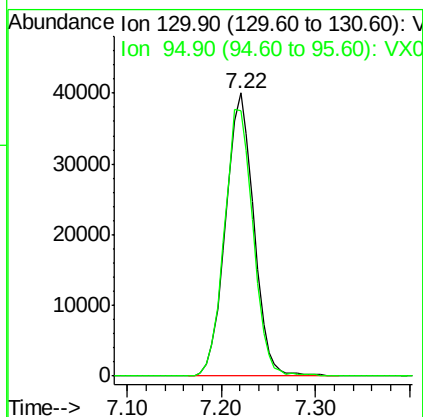
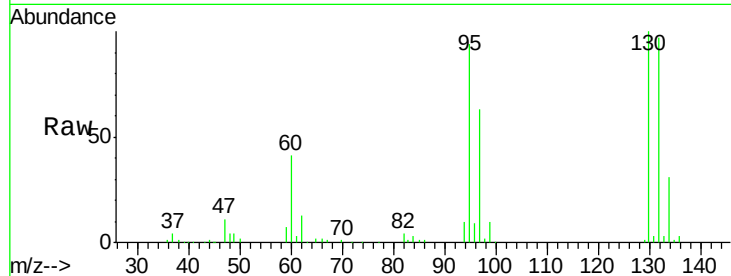




#37
 Trichloroethene
 Concen: 22.347 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

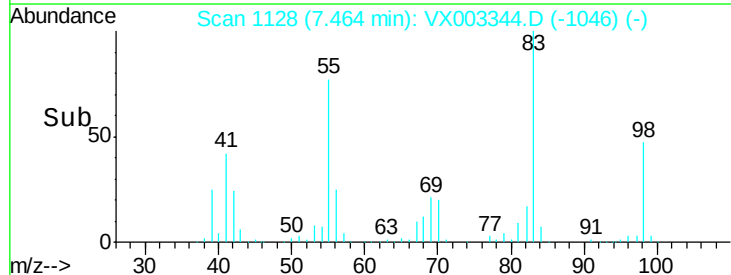
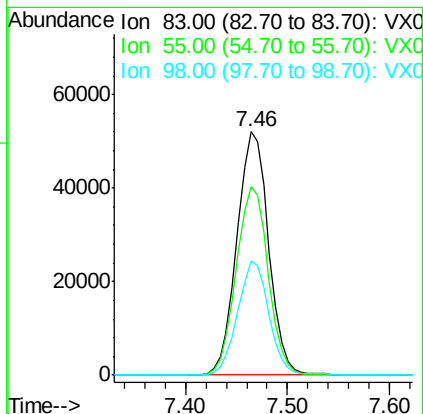
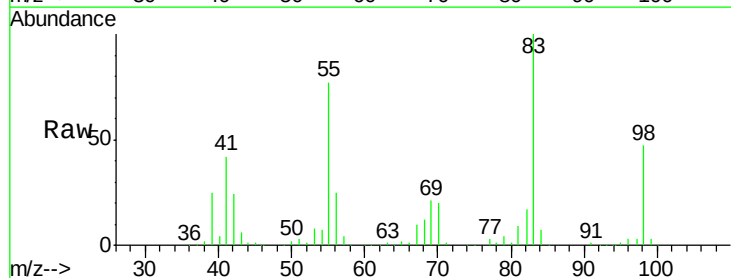
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

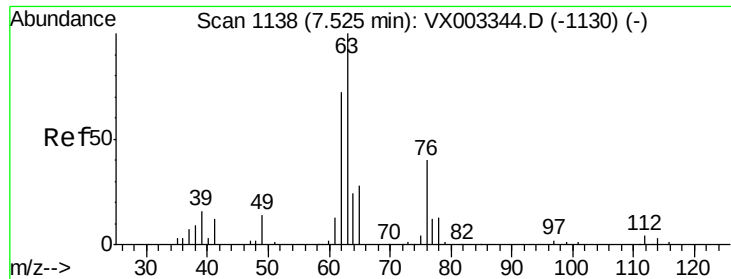
Tot Ion:130 Resp: 83356
 Ion Ratio Lower Upper
 130 100
 95 93.7 81.5 122.3



#38
 Methylcyclohexane
 Concen: 21.472 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion: 83 Resp: 112340
 Ion Ratio Lower Upper
 83 100
 55 78.0 40.6 121.8
 98 46.4 23.5 70.5





#39

1,2-Dichloropropane

Concen: 23.507 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

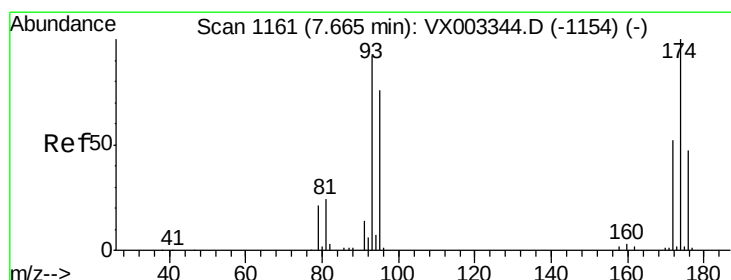
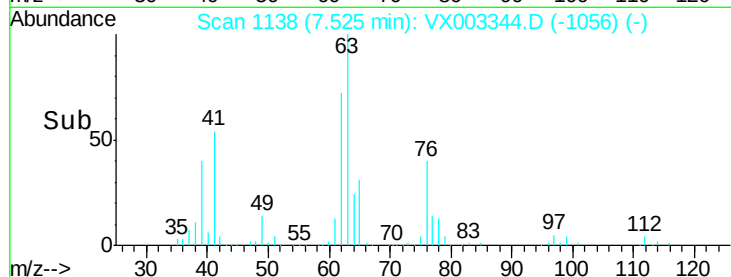
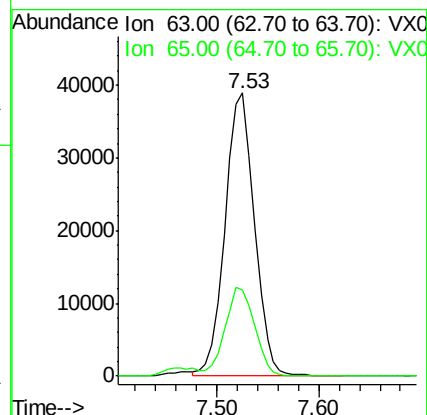
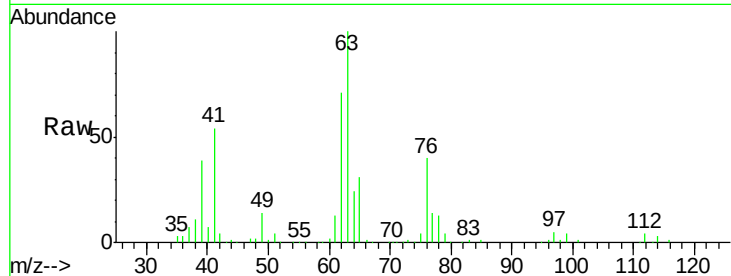
VSTDICCC020

Tot Ion: 63 Resp: 78091

Ion Ratio Lower Upper

63 100

65 30.6 23.3 34.9



#40

Dibromomethane

Concen: 22.387 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

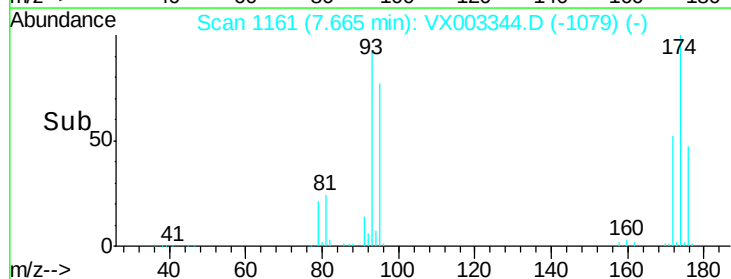
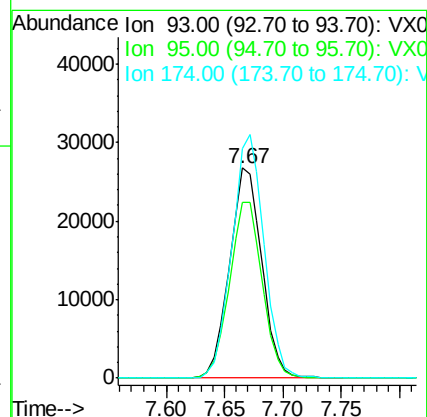
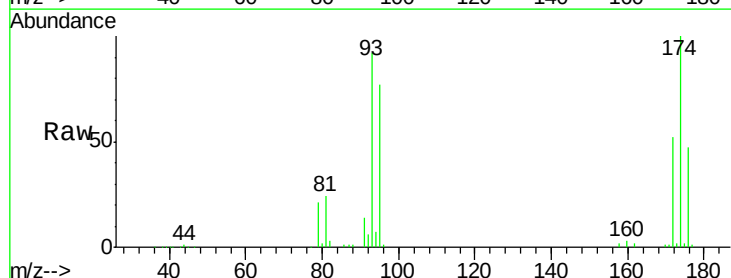
Tgt Ion: 93 Resp: 51671

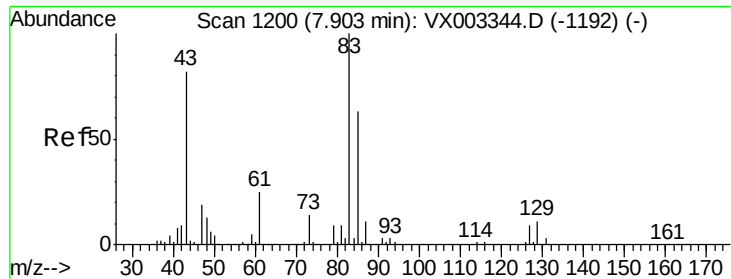
Ion Ratio Lower Upper

93 100

95 85.0 0.0 162.6

174 115.2 0.0 229.4





#41

Bromodichloromethane

Concen: 21.877 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

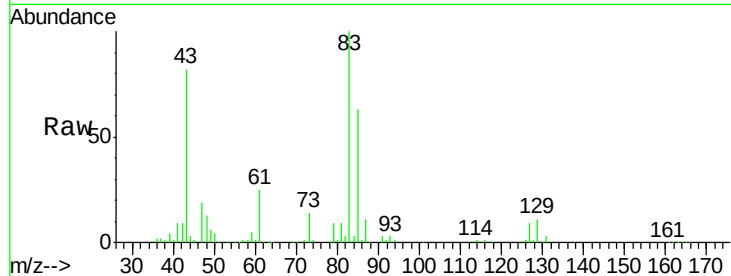
Tot Ion: 83 Resp: 94850

Ion Ratio Lower Upper

83 100

85 62.6 49.8 74.8

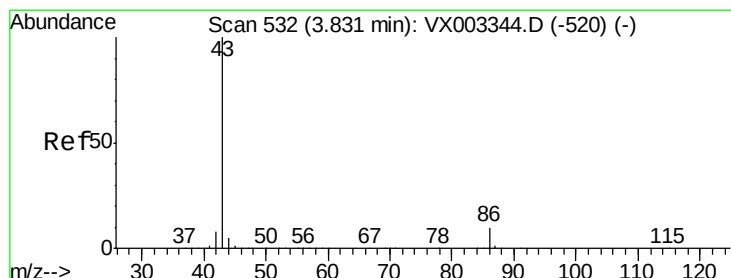
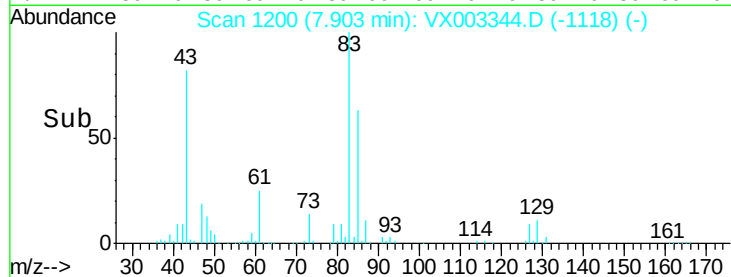
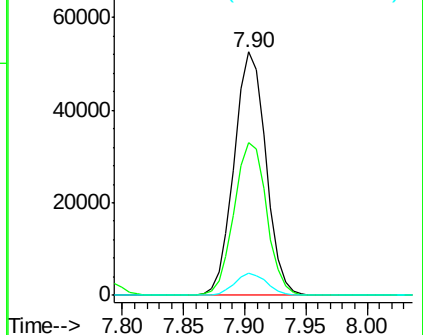
127 9.1 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 120.808 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003344.D

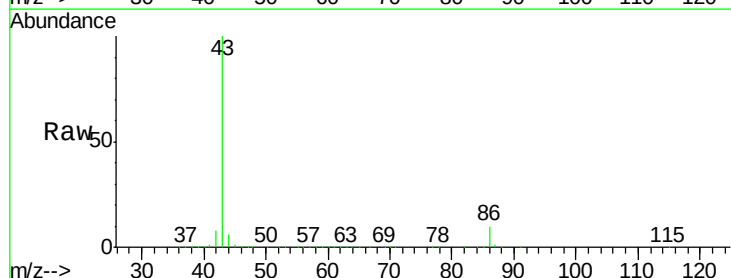
Acq: 12 Jul 2018 11:37

Tgt Ion: 43 Resp: 1127458

Ion Ratio Lower Upper

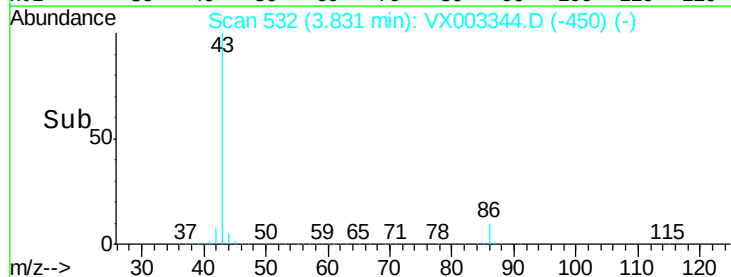
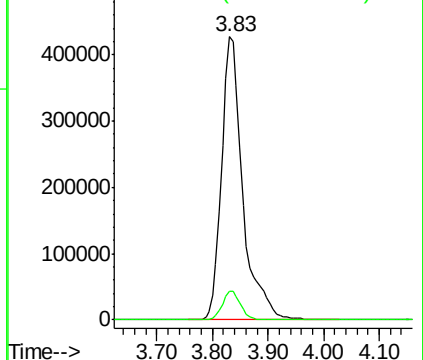
43 100

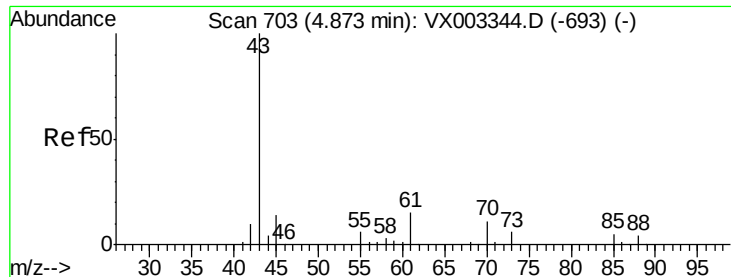
86 8.8 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

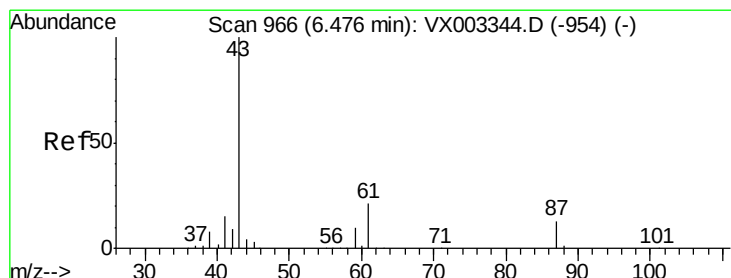
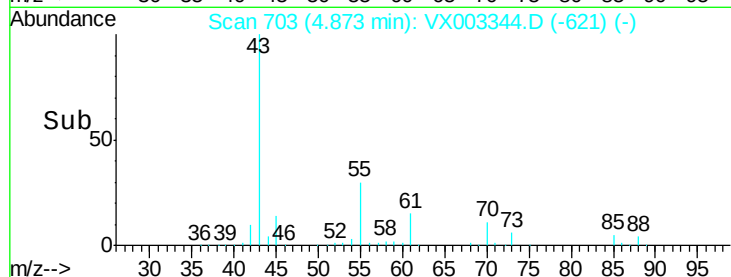
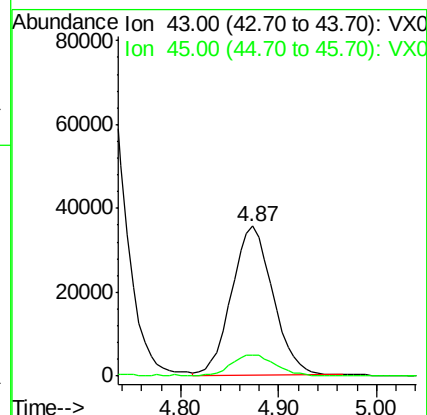
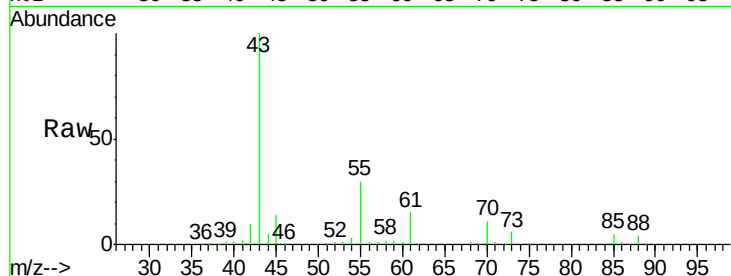




#43
Ethyl Acetate
Concen: 22.164 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

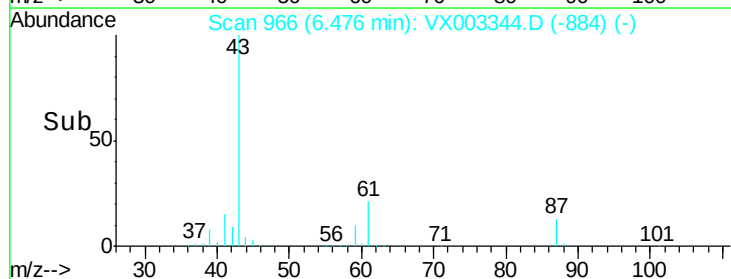
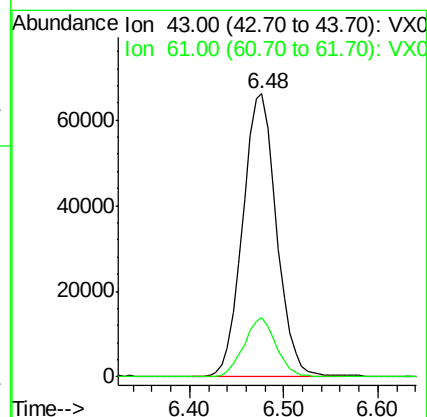
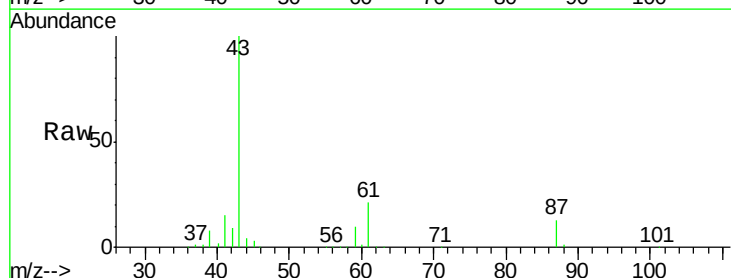
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

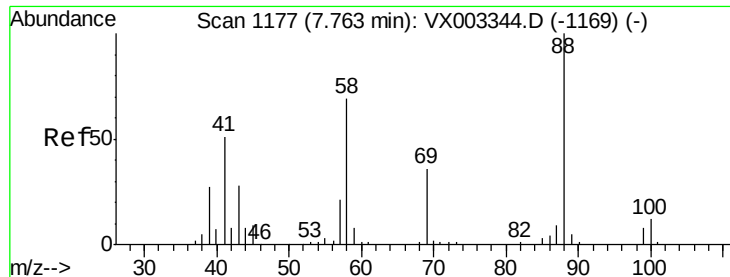
Tot Ion: 43 Resp: 104312
Ion Ratio Lower Upper
43 100
45 14.9 11.0 16.4



#44
Isopropyl Acetate
Concen: 21.045 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 43 Resp: 165957
Ion Ratio Lower Upper
43 100
61 20.1 14.5 21.7





#45

1,4-Dioxane

Concen: 478.326 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

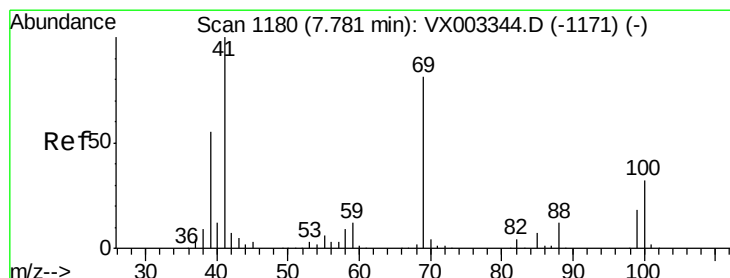
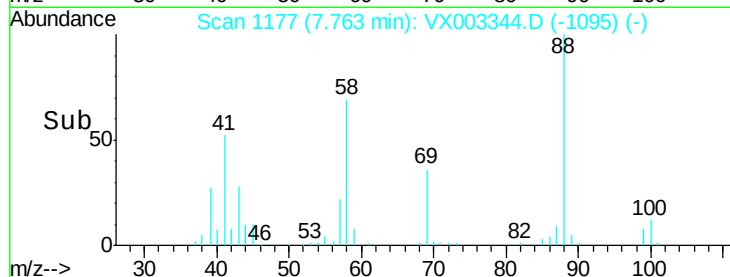
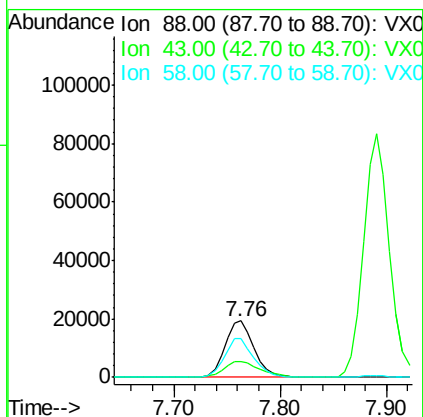
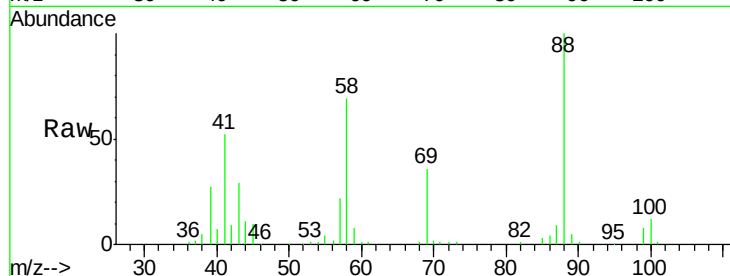
Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 88 Resp: 36952

Ion	Ratio	Lower	Upper
88	100		
43	33.6	43.2	64.8#
58	68.6	60.2	90.2



#46

Methyl methacrylate

Concen: 21.401 ug/l

RT: 7.78 min Scan# 1180

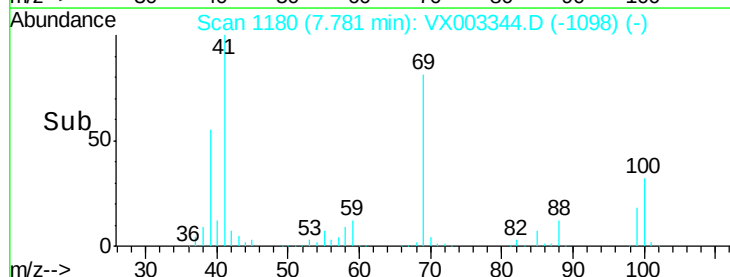
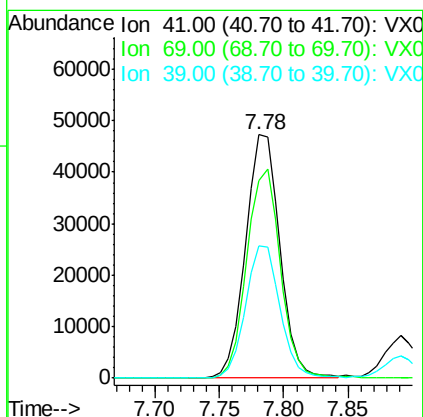
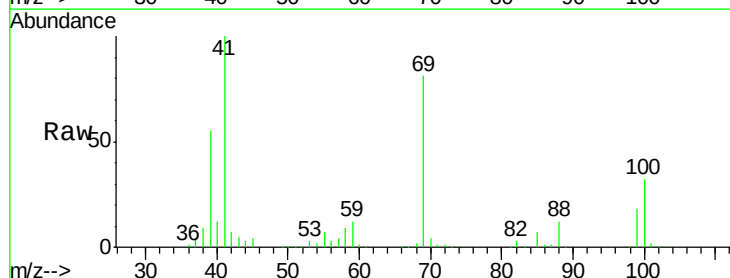
Delta R.T. 0.00 min

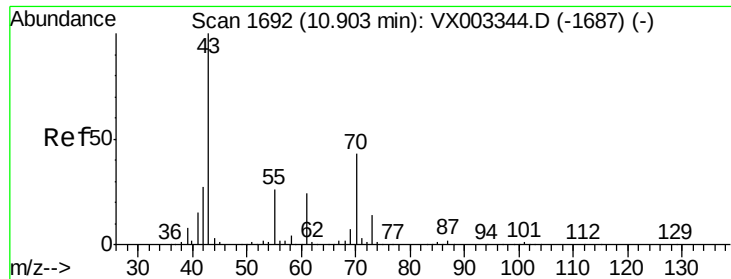
Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Tgt Ion: 41 Resp: 86232

Ion	Ratio	Lower	Upper
41	100		
69	81.4	37.0	110.9
39	54.5	29.6	88.9





#47

n-amvl Acetate

Concen: 18.690 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampled :

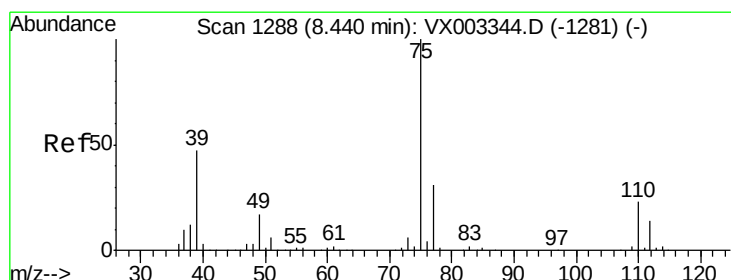
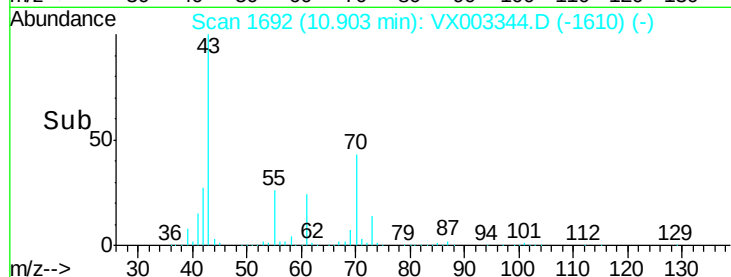
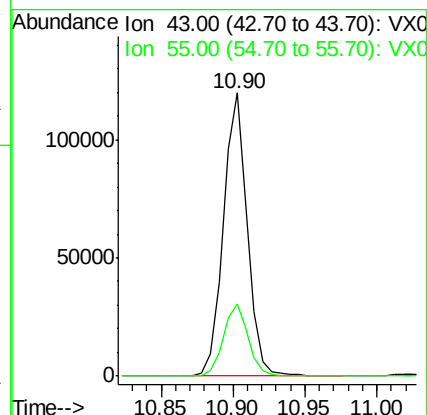
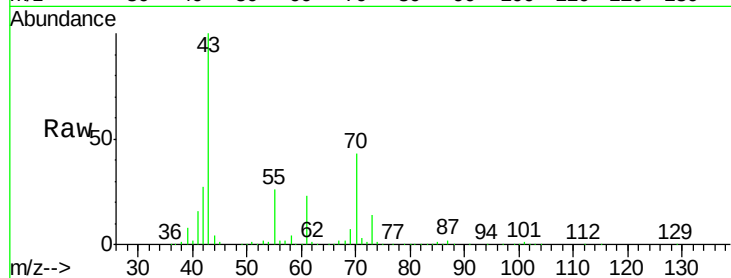
VSTDICCC020

Tot Ion: 43 Resp: 139072

Ion Ratio Lower Upper

43 100

55 26.8 0.1 0.1#



#48

t-1,3-Dichloropropene

Concen: 22.464 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003344.D

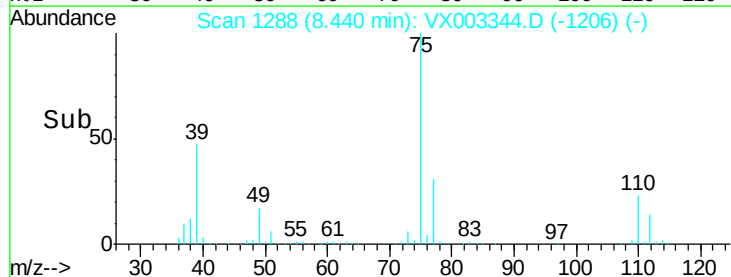
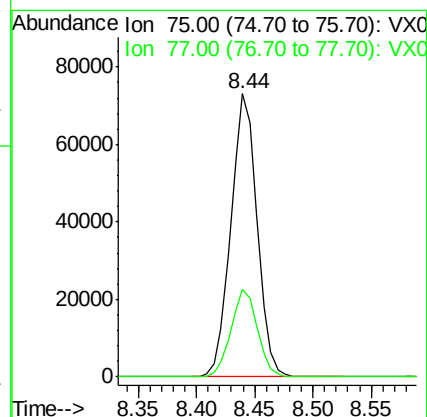
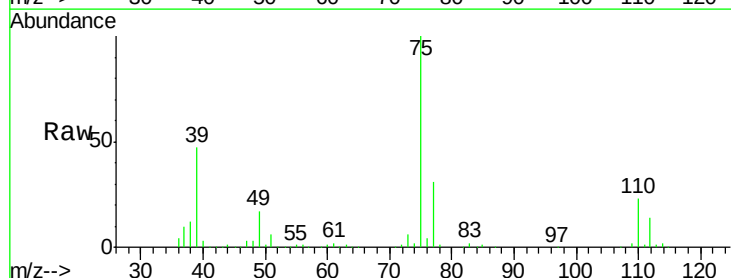
Acq: 12 Jul 2018 11:37

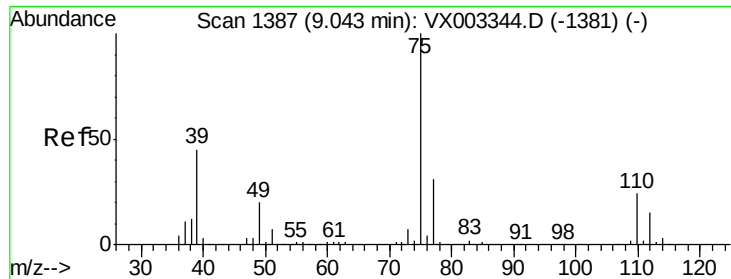
Tgt Ion: 75 Resp: 114339

Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4



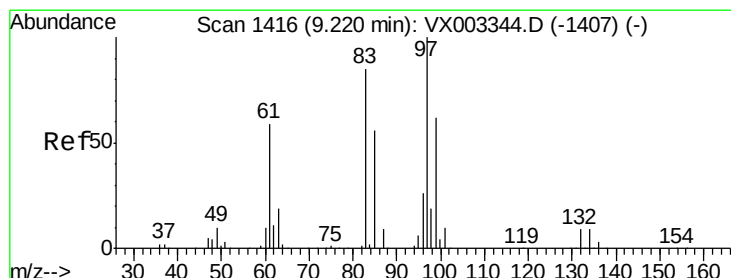
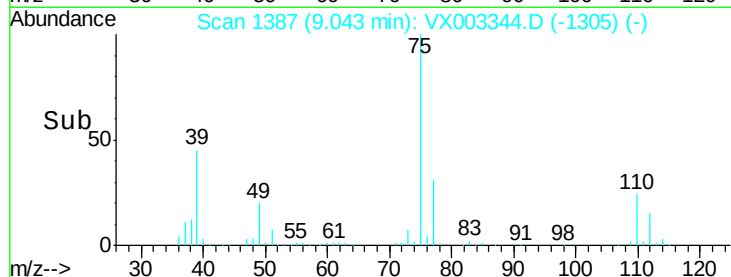
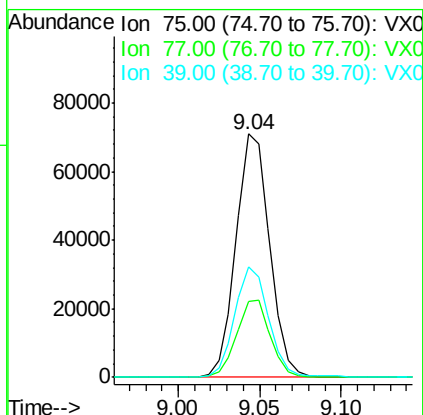
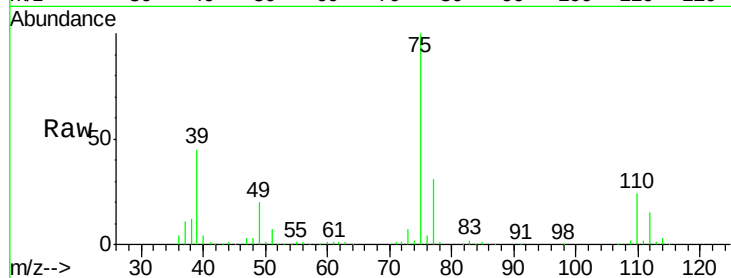


#49

cis-1,3-Dichloropropene
 Concen: 21.513 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

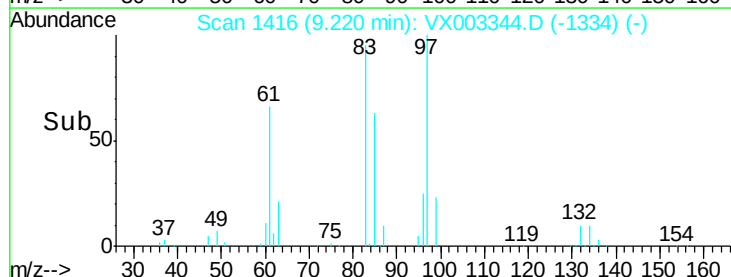
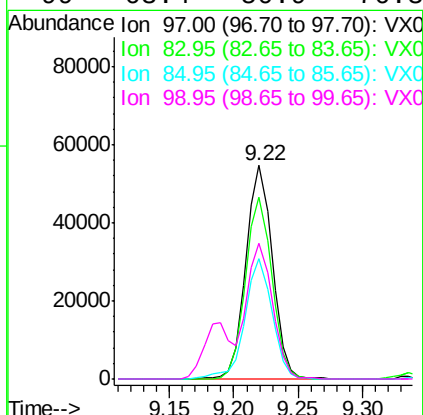
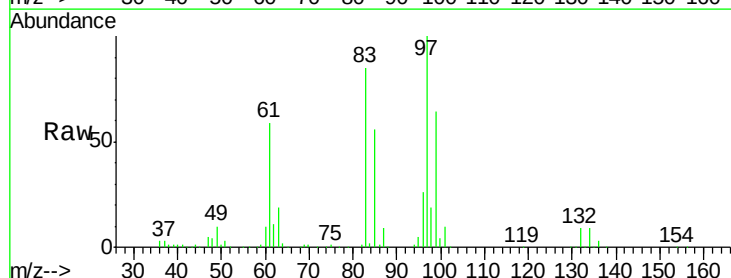
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2
39	45.2	42.3	63.5

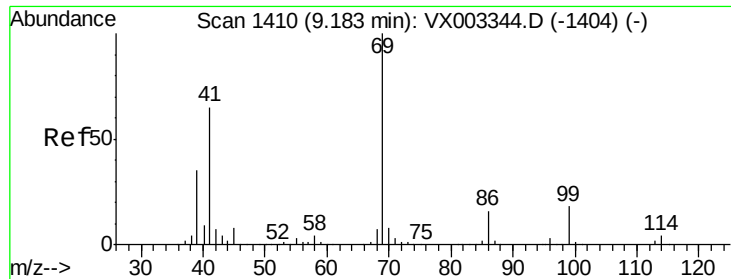


#50

1,1,2-Trichloroethane
 Concen: 22.820 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.8	106.2
85	56.4	43.5	65.3
99	63.4	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.094 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

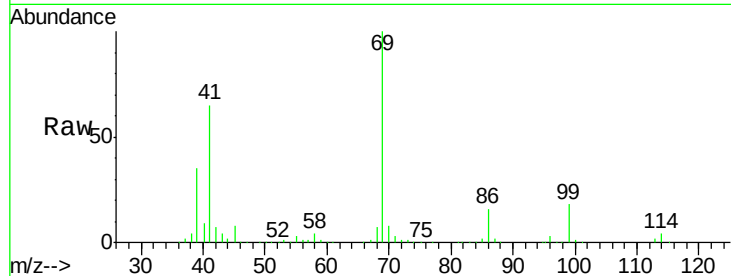
Tot Ion: 69 Resp: 108407

Ion Ratio Lower Upper

69 100

41 65.1 39.1 117.3

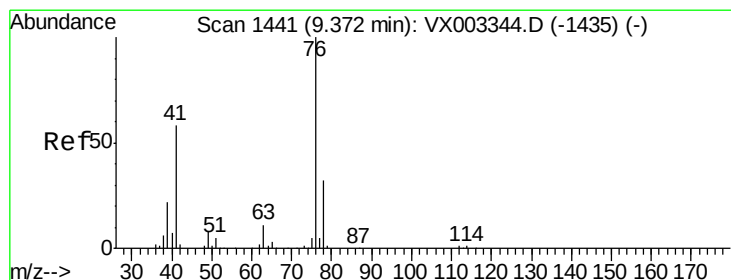
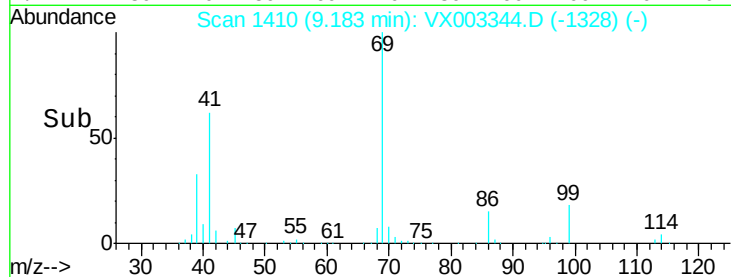
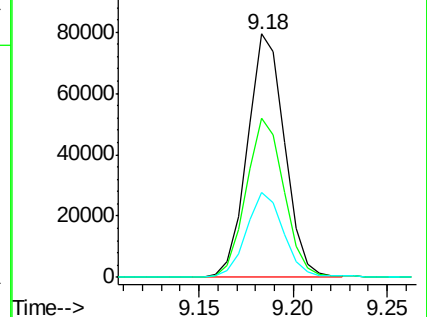
39 34.6 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 23.267 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003344.D

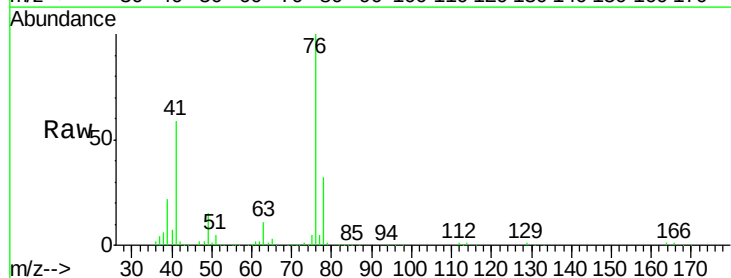
Acq: 12 Jul 2018 11:37

Tgt Ion: 76 Resp: 129382

Ion Ratio Lower Upper

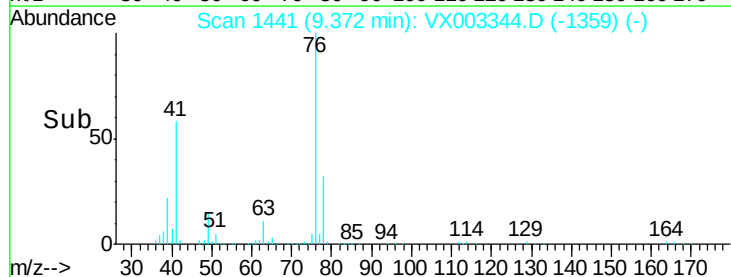
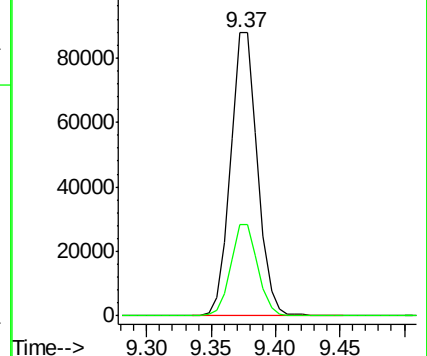
76 100

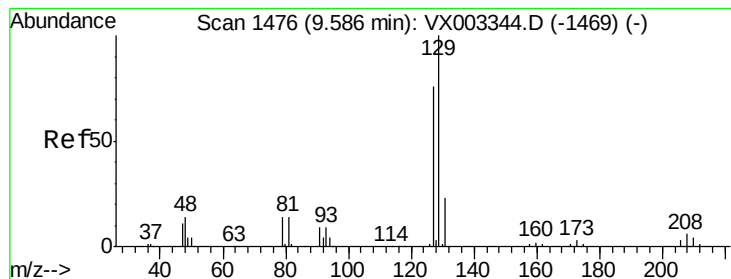
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.780 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

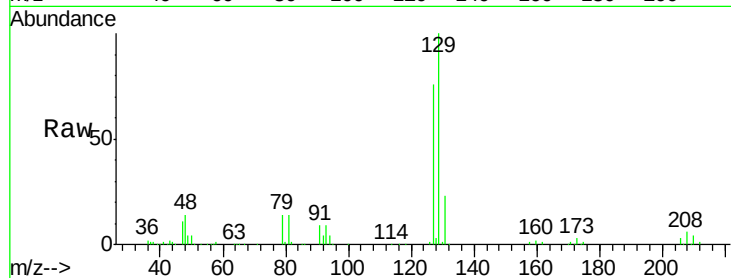
VSTDICCC020

Tot Ion:129 Resp: 75102

Ion Ratio Lower Upper

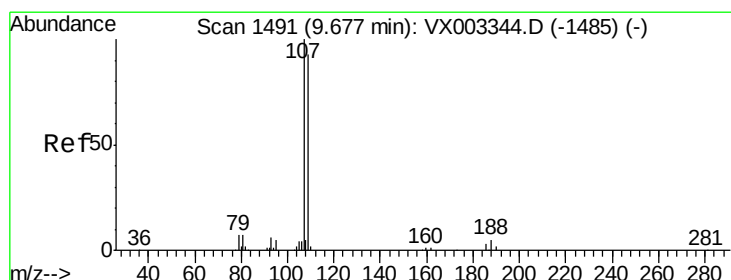
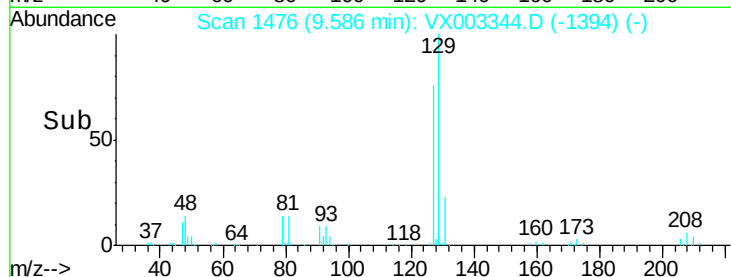
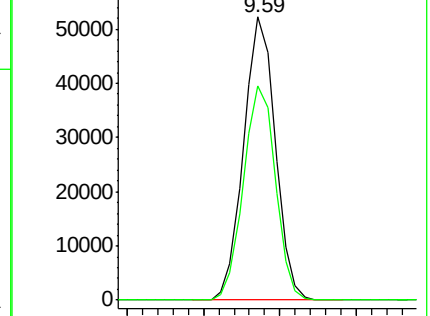
129 100

127 76.6 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 22.498 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003344.D

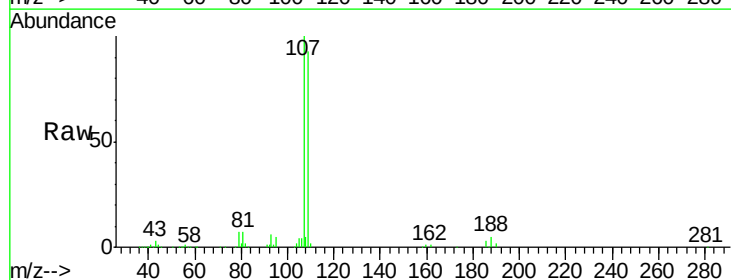
Acq: 12 Jul 2018 11:37

Tgt Ion:107 Resp: 80719

Ion Ratio Lower Upper

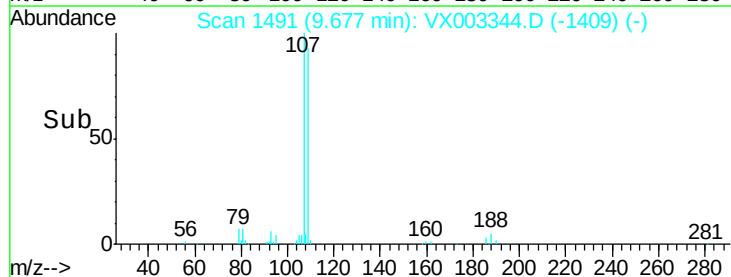
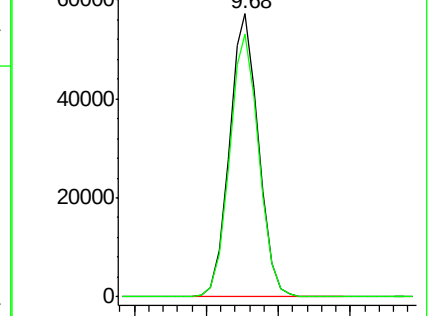
107 100

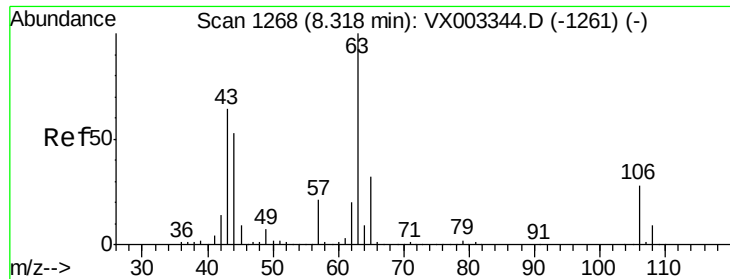
109 93.6 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

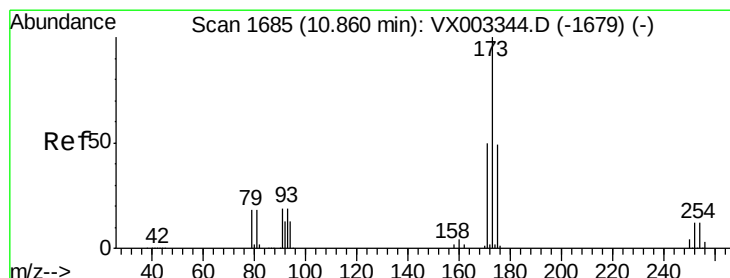
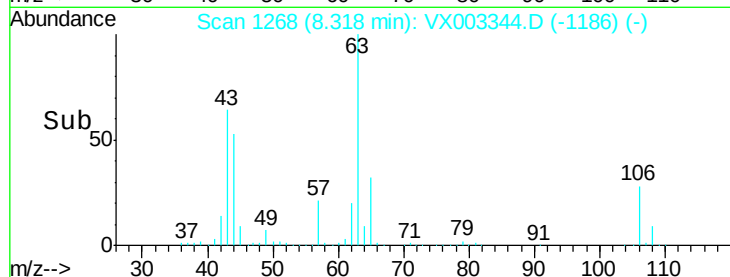
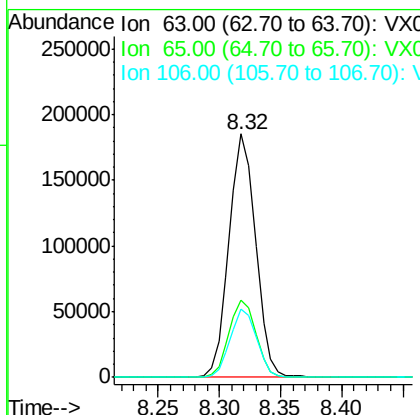
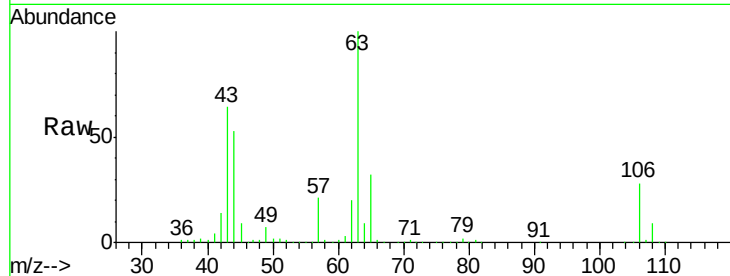




#55
2-Chloroethyl vinyl ether
Concen: 114.904 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

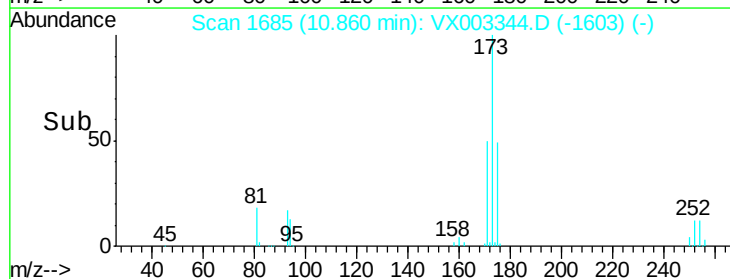
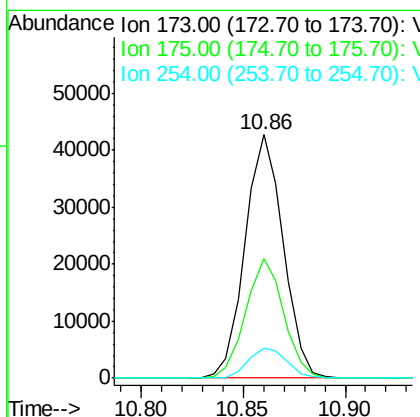
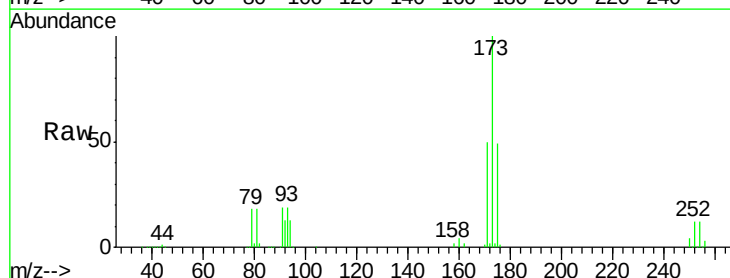
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

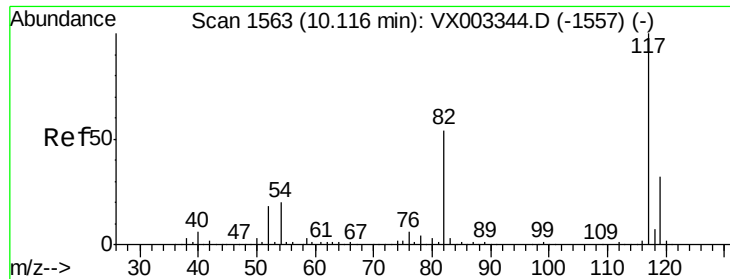
Tot Ion: 63 Resp: 280468
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 27.9 21.6 32.4



#56
Bromoform
Concen: 19.199 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 173 Resp: 55394
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.4
254 12.2 9.6 14.4

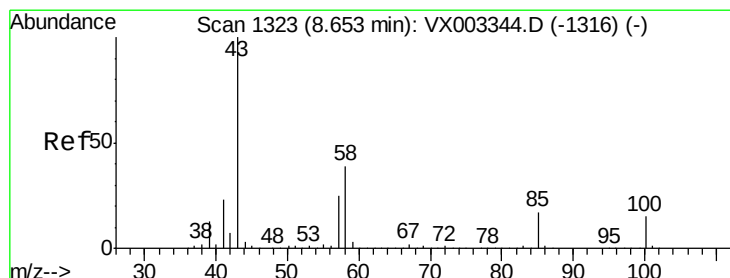
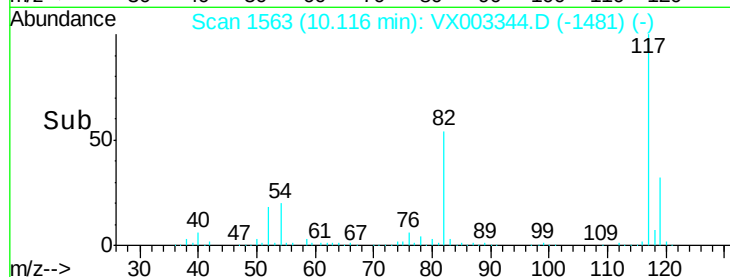
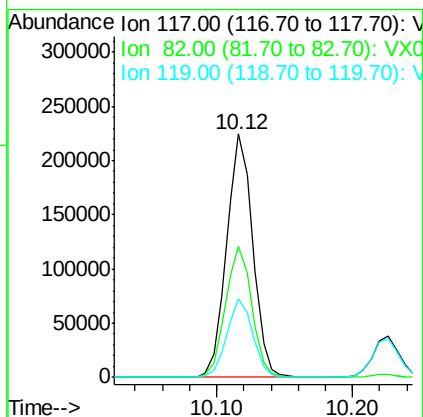
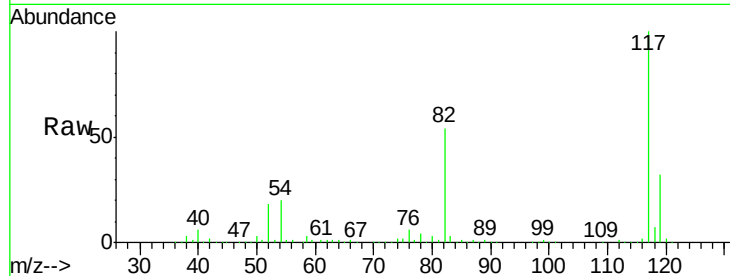




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

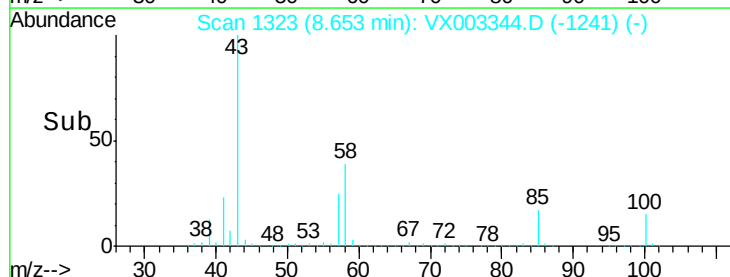
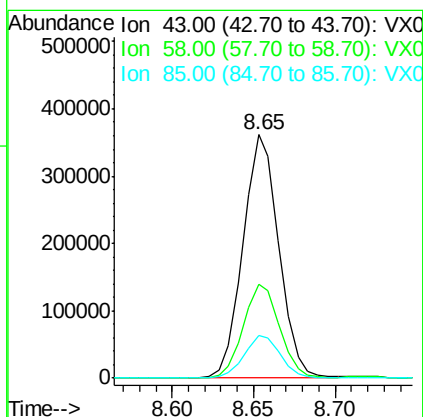
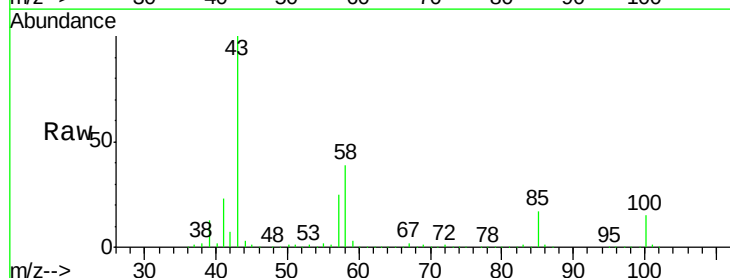
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

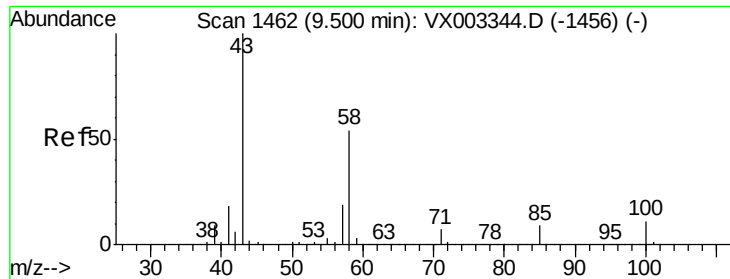
Tot Ion:117 Resp: 299018
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.1 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 108.954 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 43 Resp: 553144
Ion Ratio Lower Upper
43 100
58 39.3 28.2 42.4
85 17.6 12.4 18.6

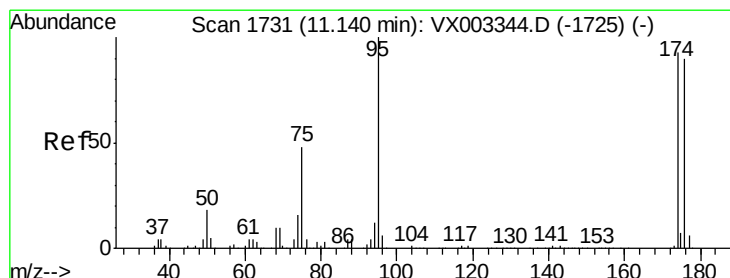
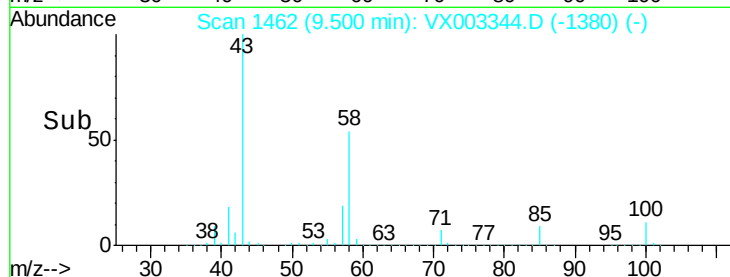
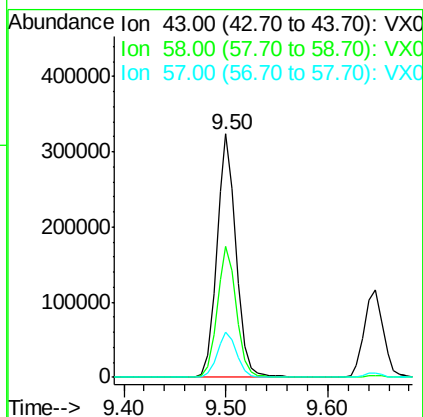
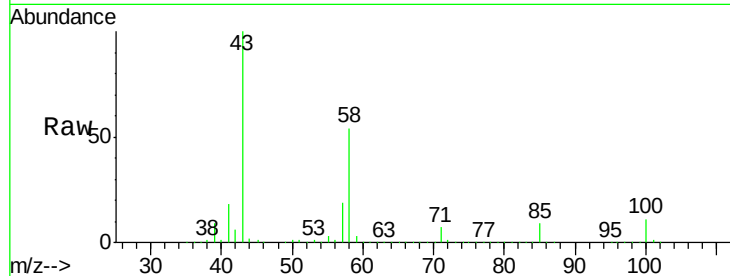




#59
2-Hexanone
Concen: 110.058 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

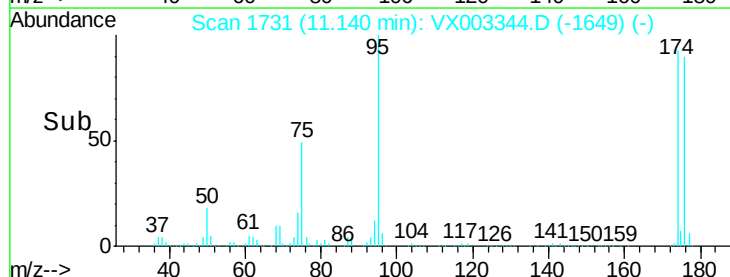
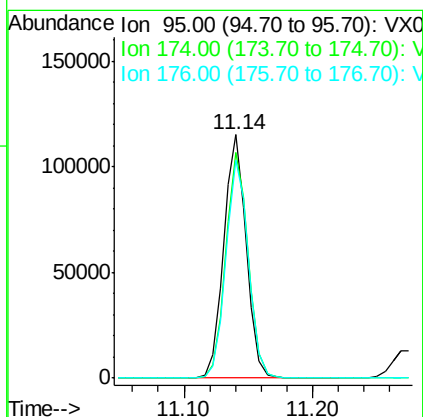
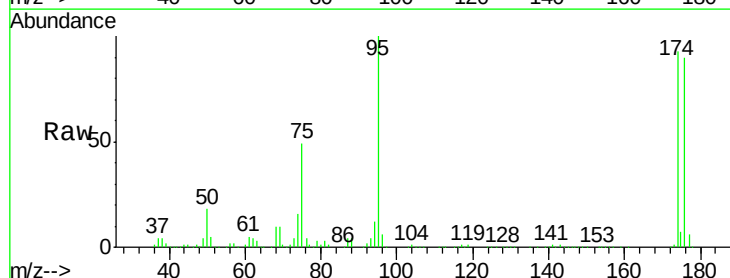
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

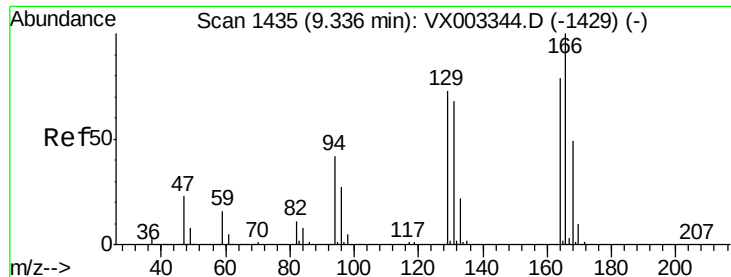
Tot Ion: 43 Resp: 427134
Ion Ratio Lower Upper
43 100
58 54.1 39.6 59.4
57 18.7 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 28.739 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 95 Resp: 141928
Ion Ratio Lower Upper
95 100
174 92.3 71.8 107.6
176 89.4 70.1 105.1

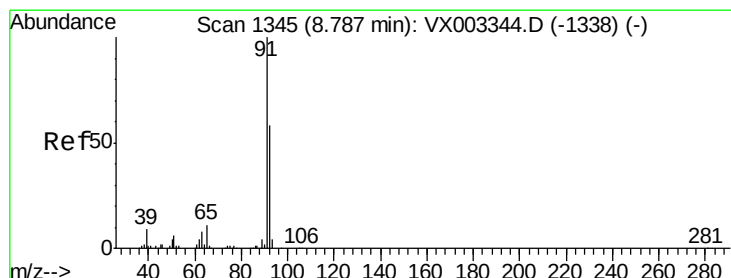
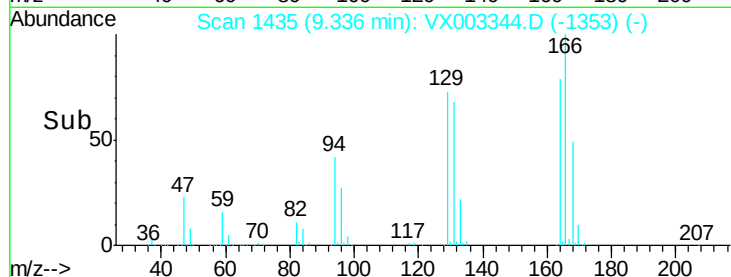
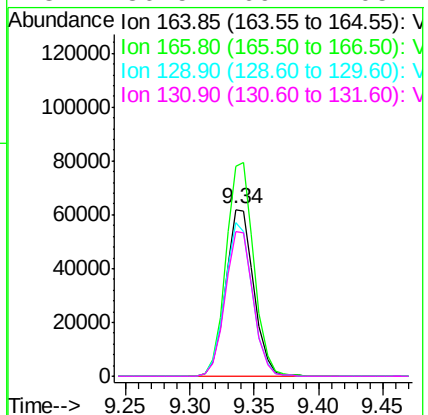
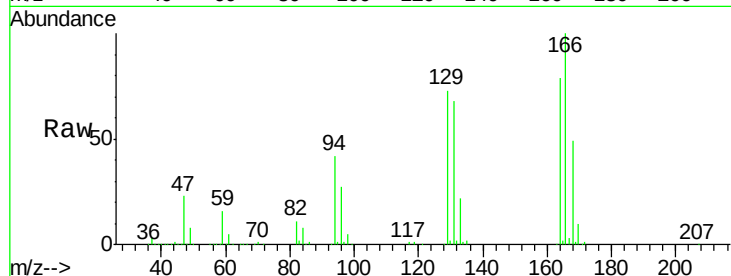




#61
Tetrachloroethene
Concen: 22.936 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

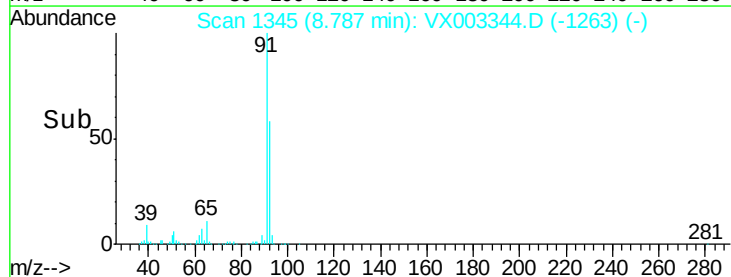
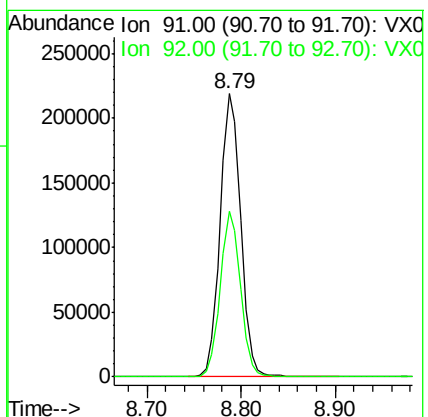
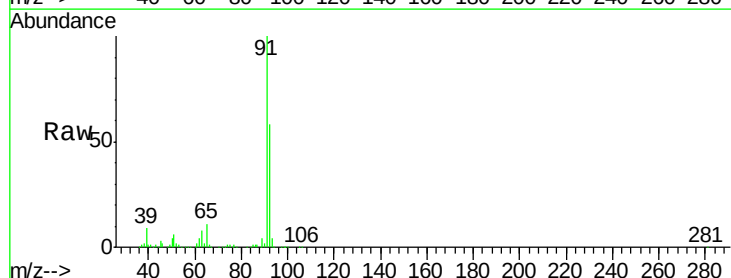
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

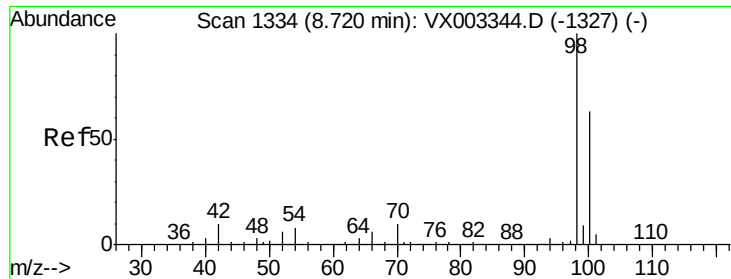
Tot Ion:164 Resp: 94126
Ion Ratio Lower Upper
164 100
166 126.3 102.4 153.6
129 91.9 70.1 105.1
131 86.5 69.1 103.7



#62
Toluene
Concen: 23.069 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion: 91 Resp: 332503
Ion Ratio Lower Upper
91 100
92 57.6 46.5 69.7





#63

Toluene-d8

Concen: 31.038 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

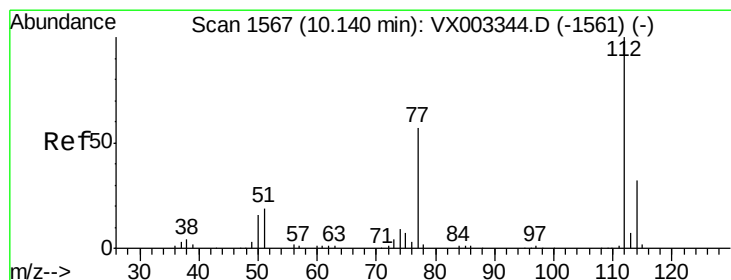
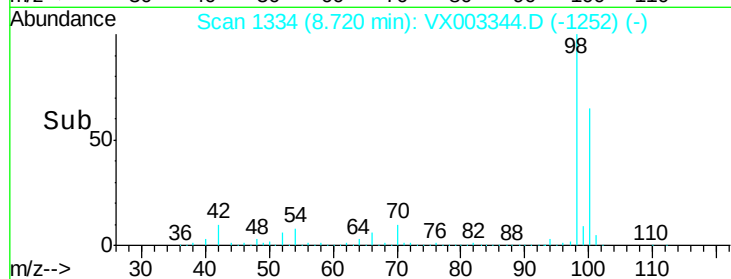
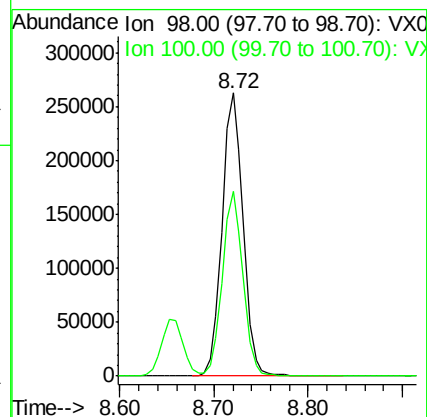
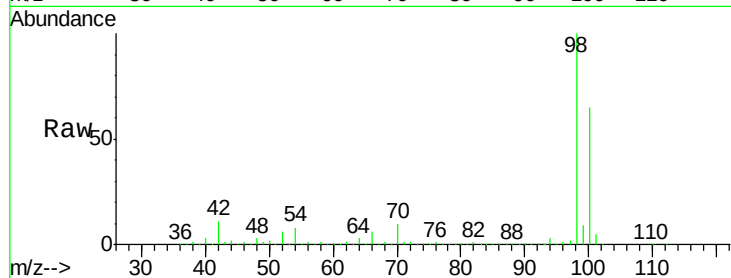
VSTDICCC020

Tot Ion: 98 Resp: 405411

Ion Ratio Lower Upper

98 100

100 63.9 50.8 76.2



#64

Chlorobenzene

Concen: 22.289 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003344.D

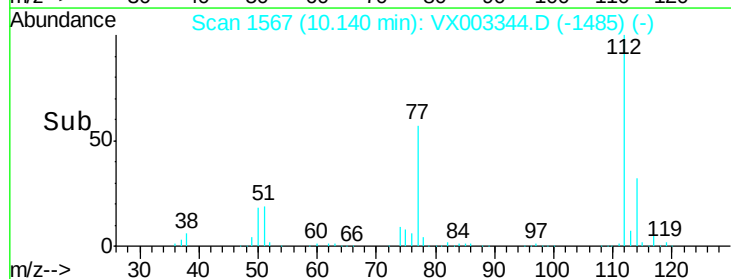
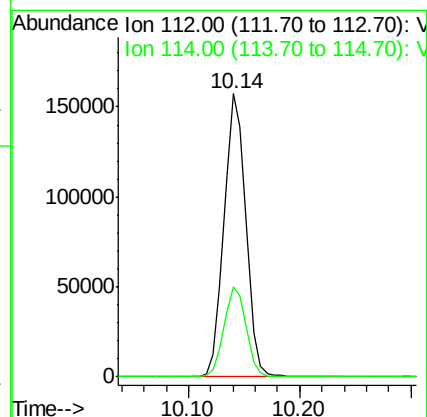
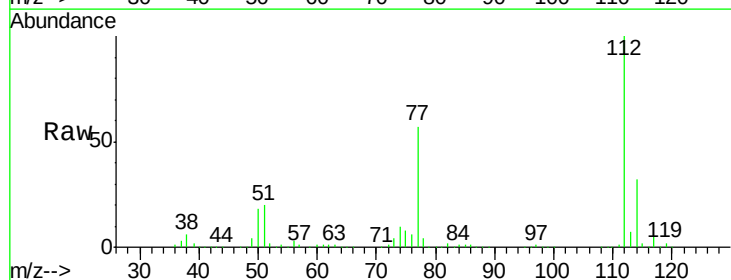
Acq: 12 Jul 2018 11:37

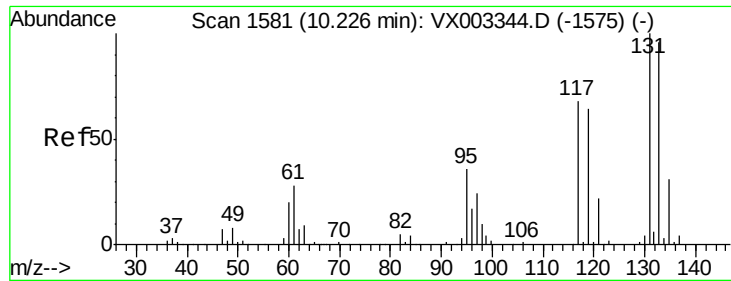
Tgt Ion: 112 Resp: 213448

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4

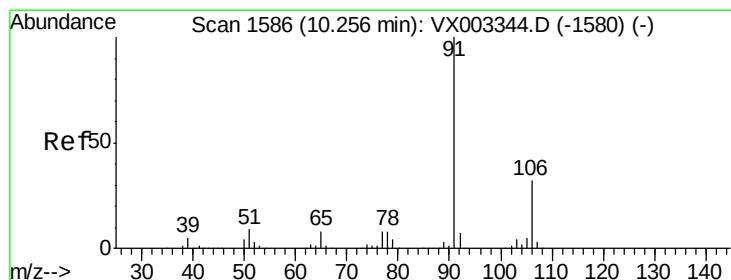
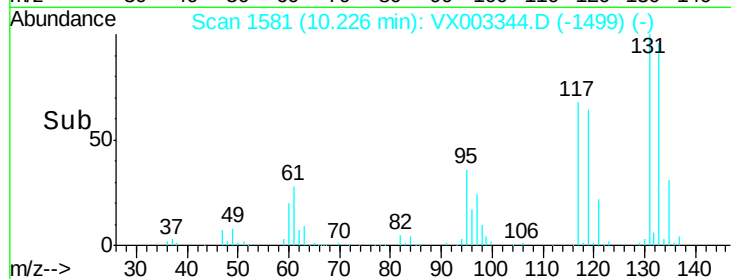
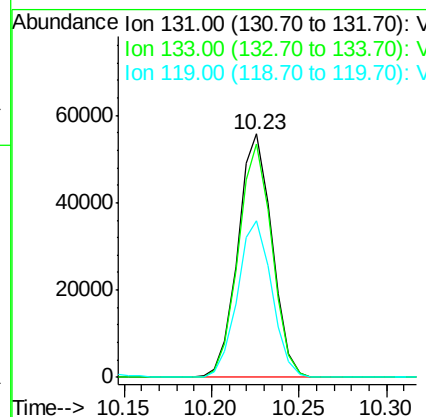
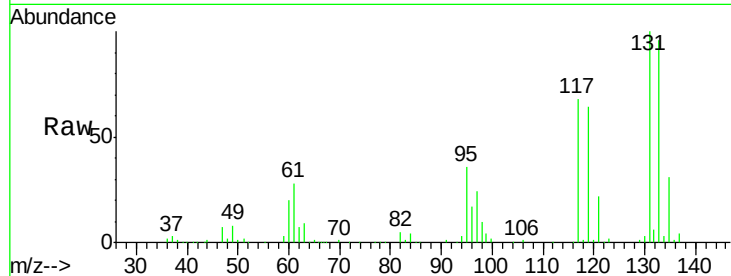




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.518 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

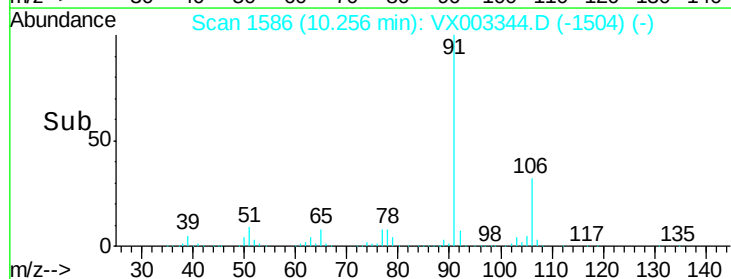
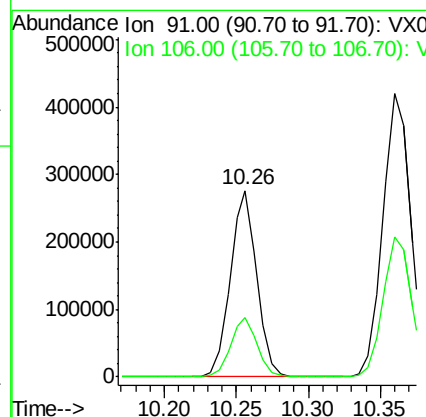
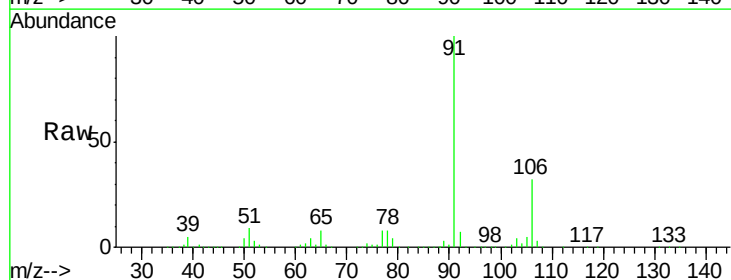
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

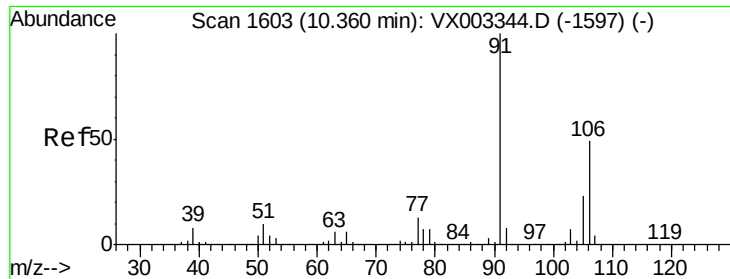
Tot Ion:131 Resp: 75531
 Ion Ratio Lower Upper
 131 100
 133 94.7 0.0 191.2
 119 64.8 0.0 125.4



#66
 Ethyl Benzene
 Concen: 21.884 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion: 91 Resp: 355240
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.2 37.8

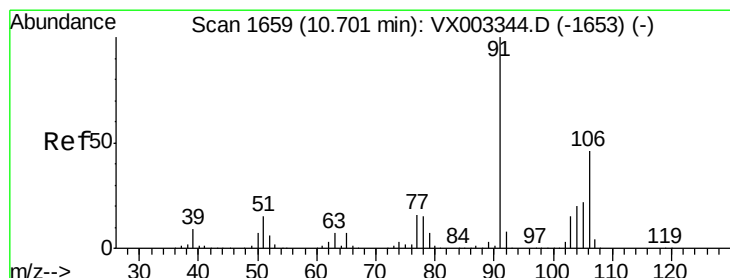
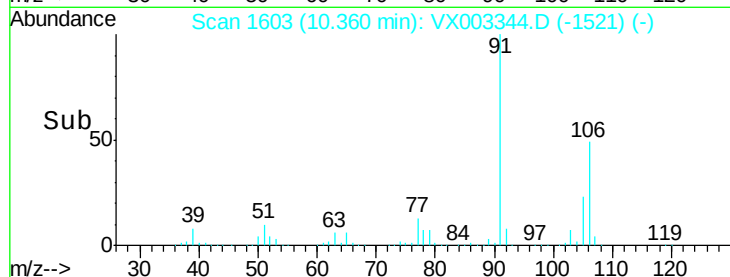
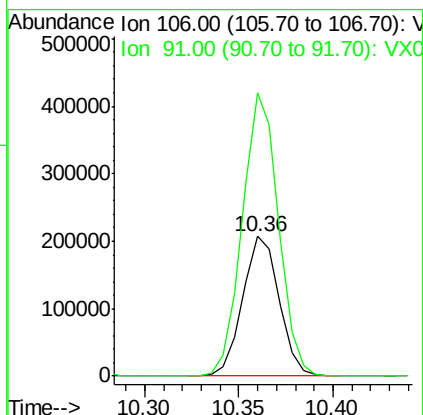
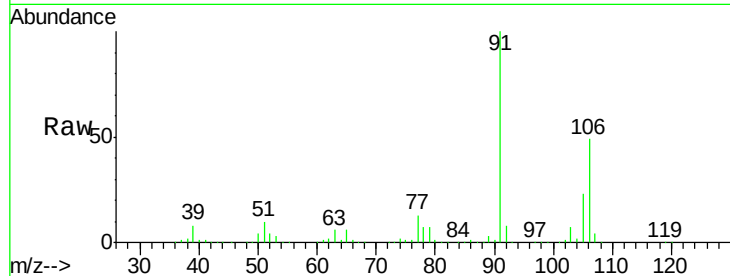




#67
m/p-Xylenes
Concen: 43.910 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

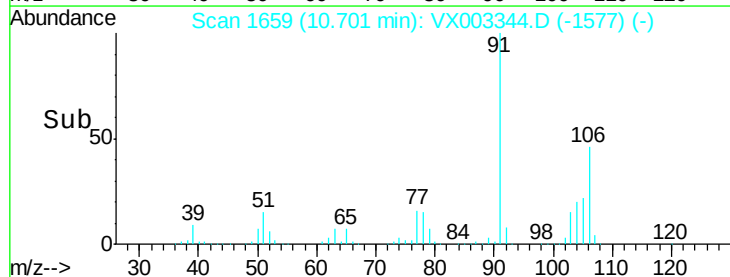
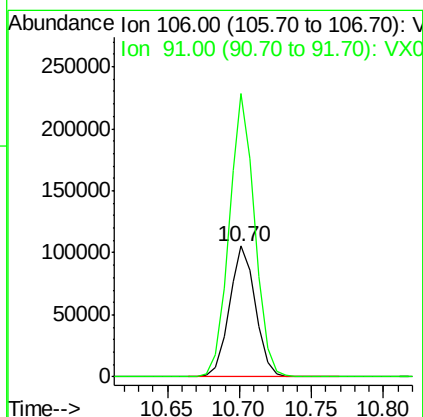
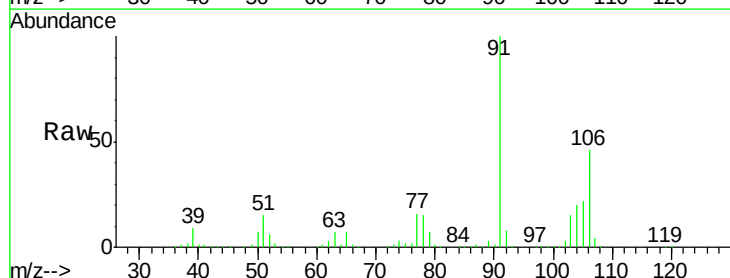
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

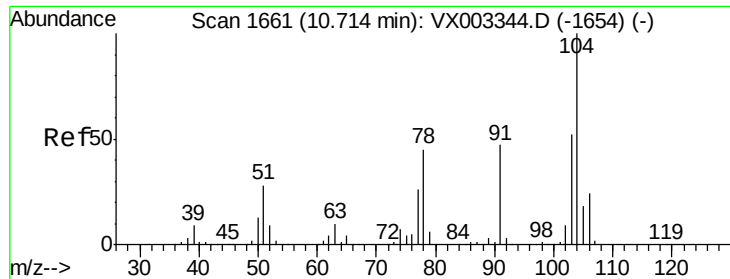
Tot Ion:106 Resp: 276992
Ion Ratio Lower Upper
106 100
91 201.6 164.1 246.1



#68
o-Xylene
Concen: 21.708 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion:106 Resp: 133414
Ion Ratio Lower Upper
106 100
91 212.0 109.1 327.3

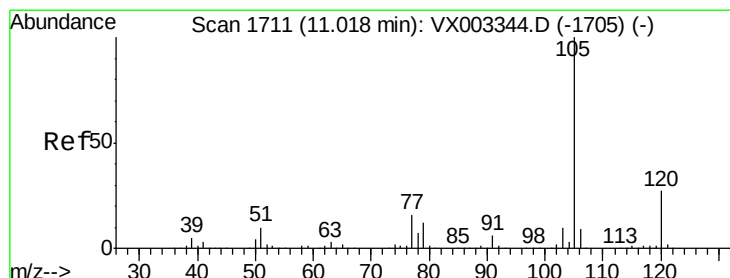
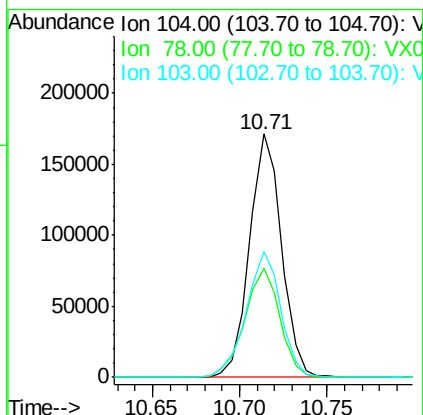
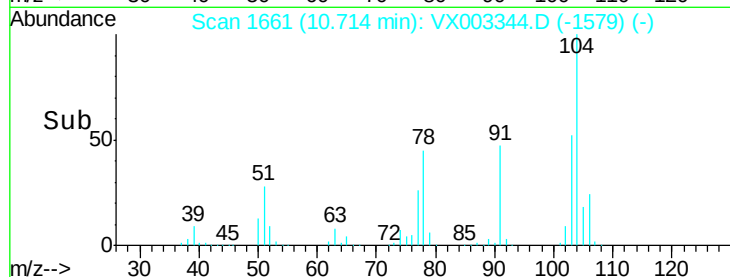
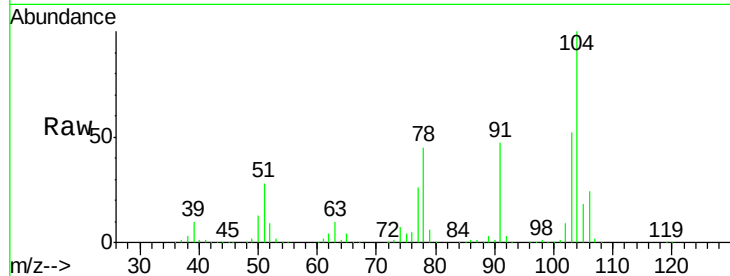




#69
Stvrene
Concen: 21.298 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

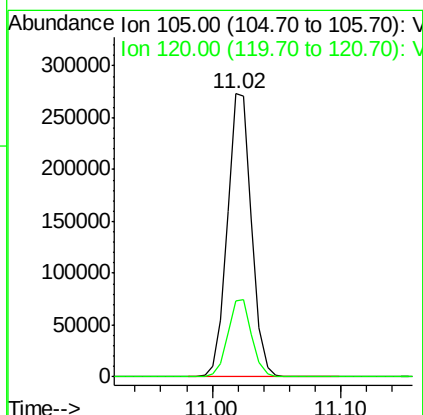
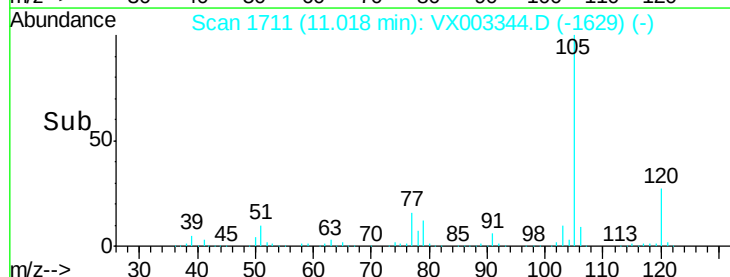
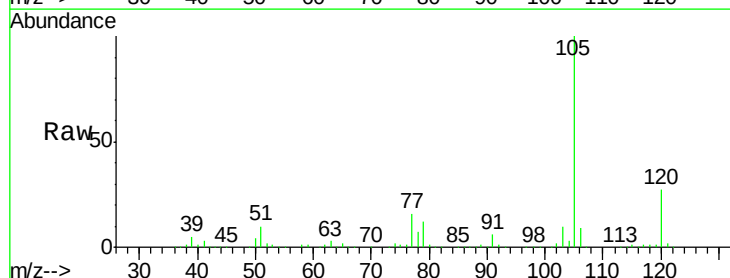
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

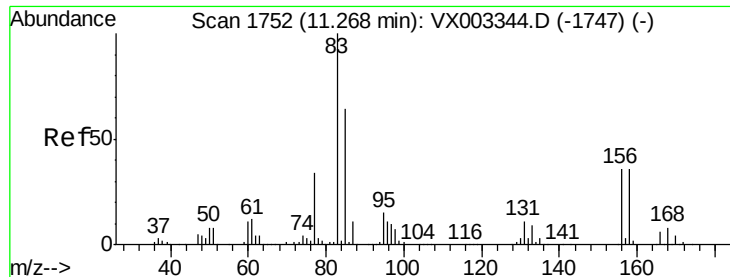
Tot Ion:104 Resp: 218375
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 55.6 44.9 67.3



#70
Isopropylbenzene
Concen: 21.187 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion:105 Resp: 359057
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2

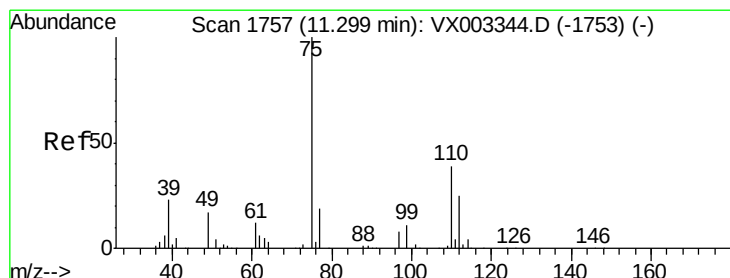
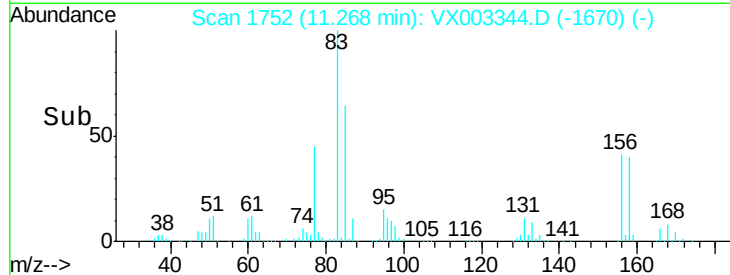
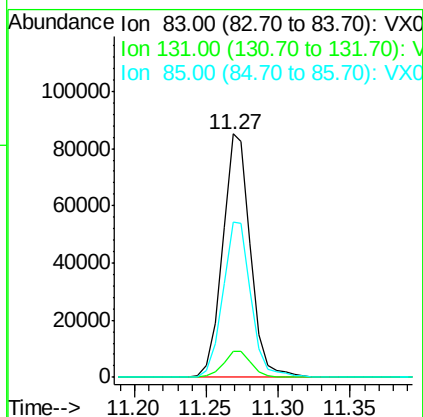
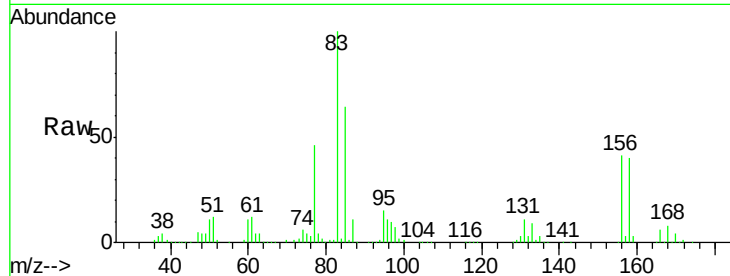




#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.749 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

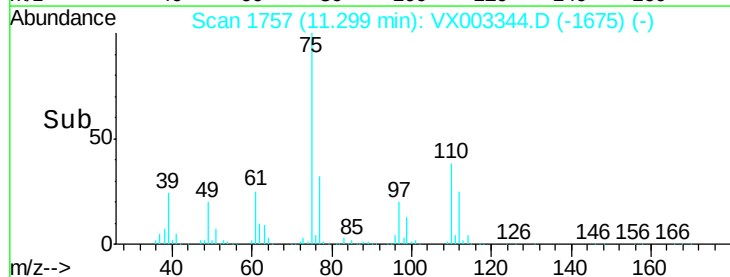
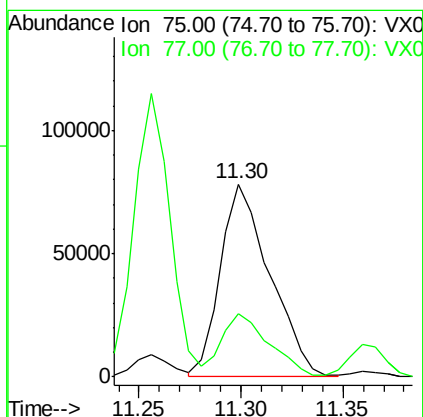
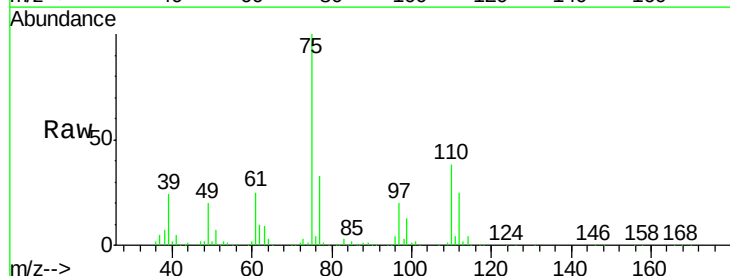
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

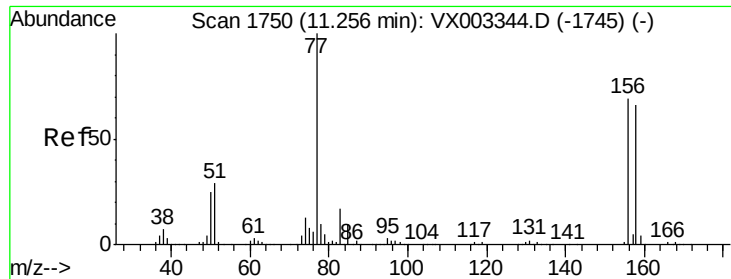
Tot Ion: 83 Resp: 115248
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 64.5 32.4 97.2



#72
 1,2,3-Trichloropropane
 Concen: 30.099 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion: 75 Resp: 132187
 Ion Ratio Lower Upper
 75 100
 77 31.6 0.0 71.8





#73

Bromobenzene

Concen: 20.879 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

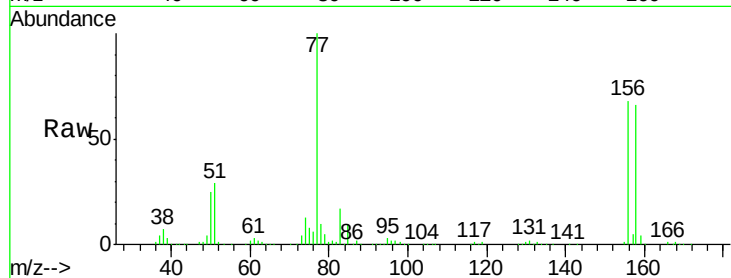
Tot Ion:156 Resp: 98402

Ion Ratio Lower Upper

156 100

77 144.2 0.0 301.0

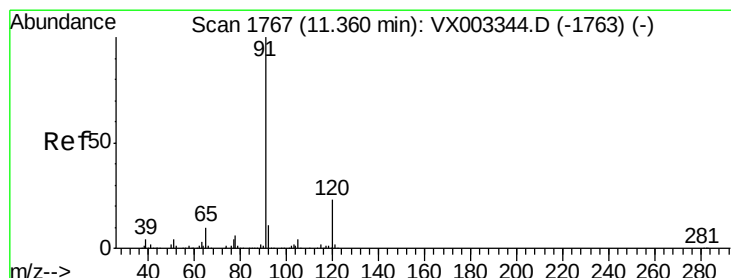
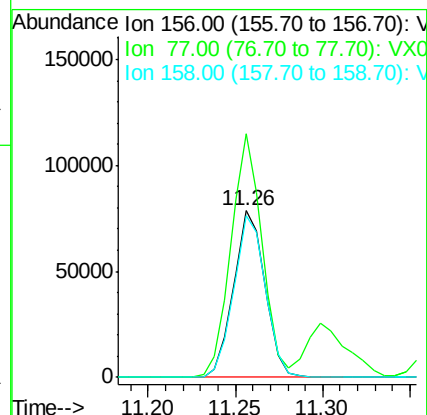
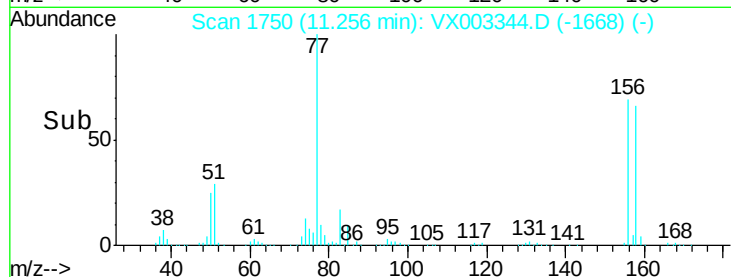
158 97.6 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.154 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003344.D

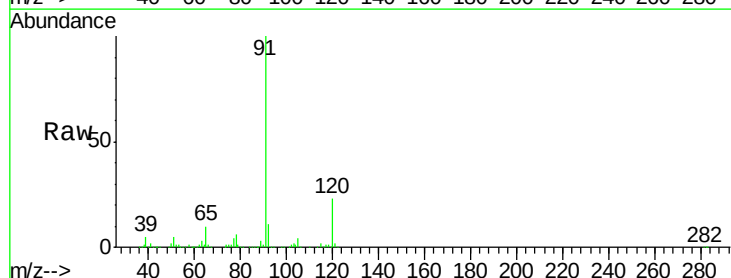
Acq: 12 Jul 2018 11:37

Tgt Ion: 91 Resp: 416158

Ion Ratio Lower Upper

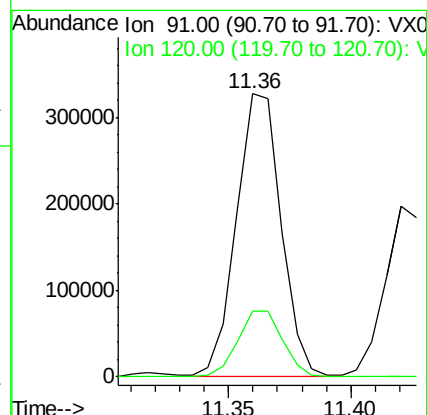
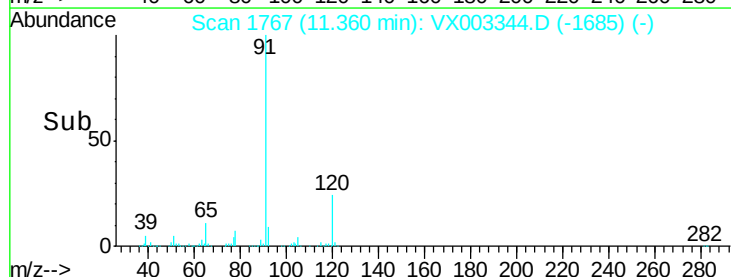
91 100

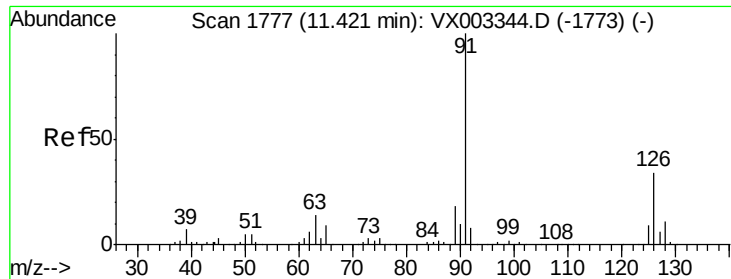
120 23.4 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 22.031 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

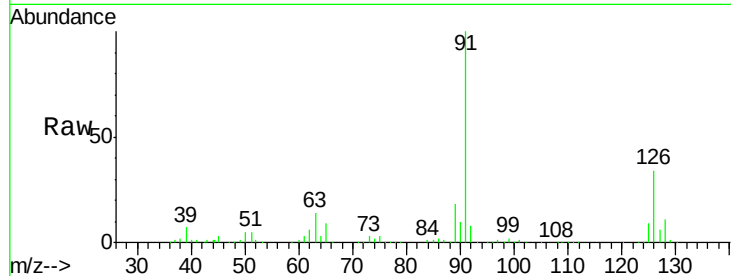
VSTDICCC020

Tot Ion: 91 Resp: 252232

Ion Ratio Lower Upper

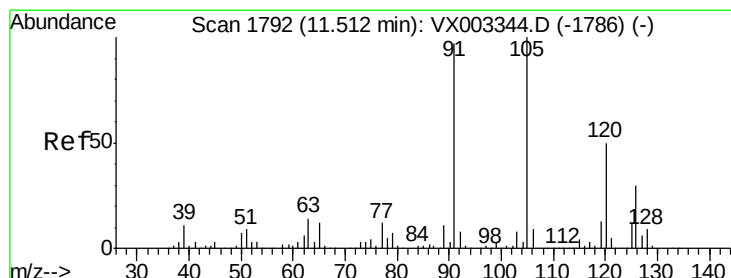
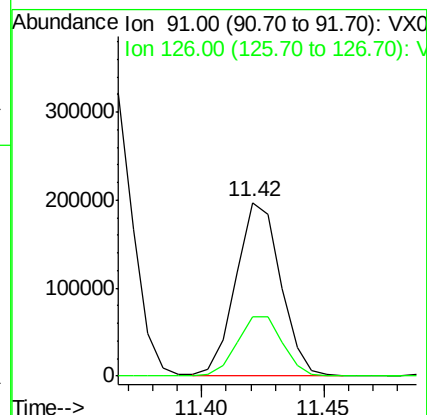
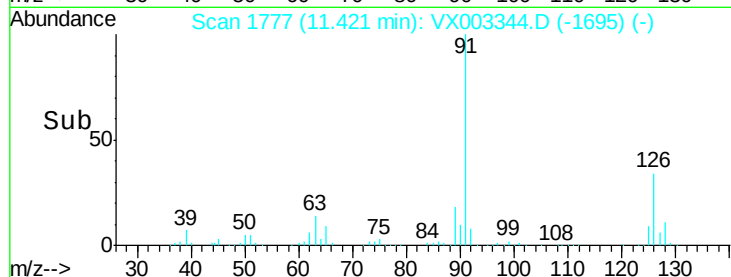
91 100

126 35.3 0.0 69.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.786 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003344.D

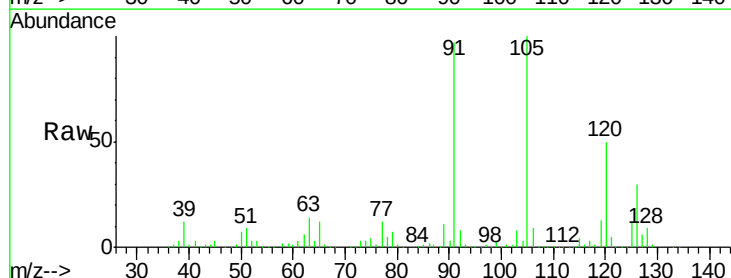
Acq: 12 Jul 2018 11:37

Tgt Ion: 105 Resp: 299109

Ion Ratio Lower Upper

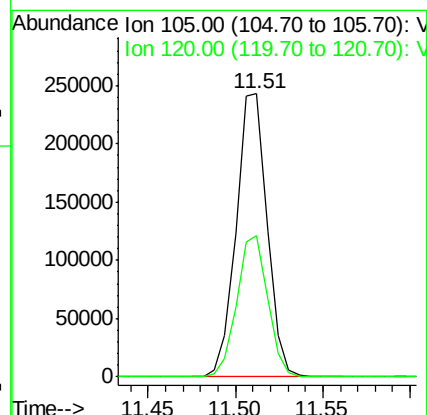
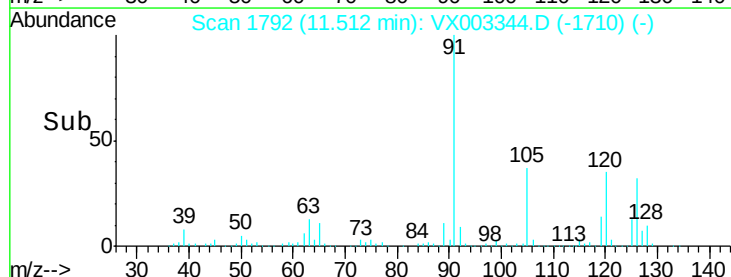
105 100

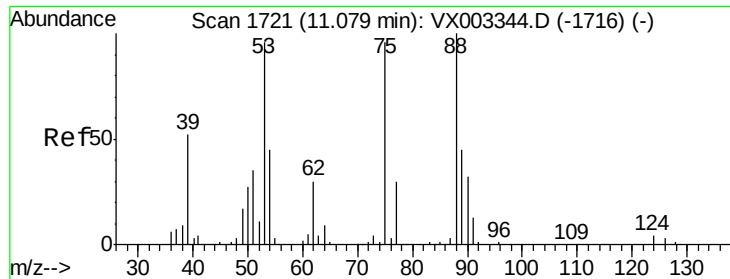
120 49.8 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 20.967 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

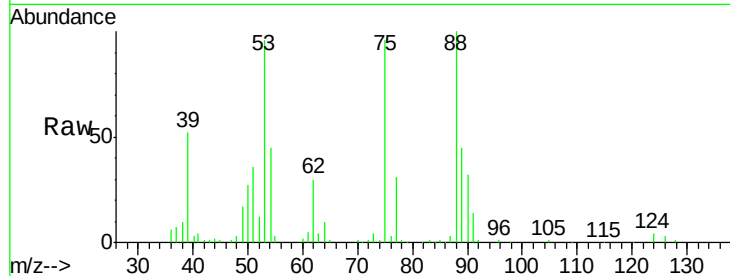
Tot Ion: 75 Resp: 29615

Ion Ratio Lower Upper

75 100

53 99.8 48.3 144.9

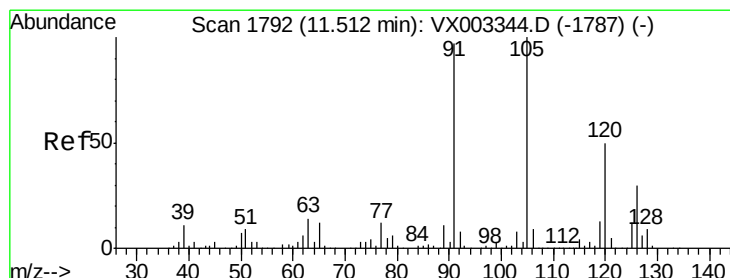
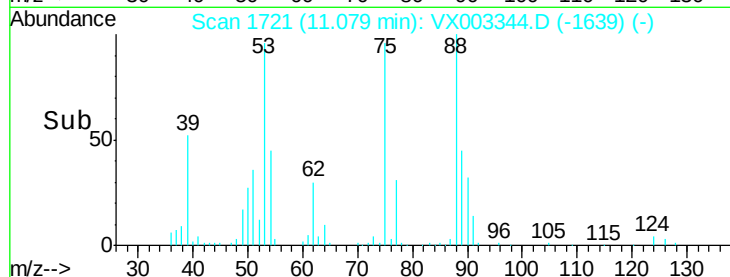
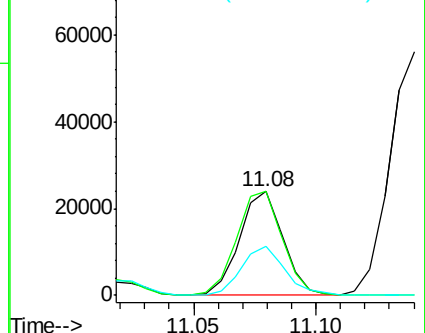
89 46.6 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 21.304 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003344.D

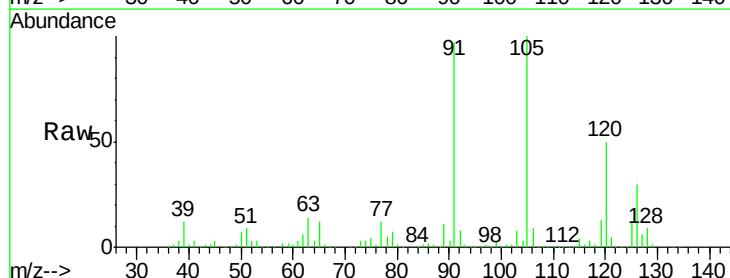
Acq: 12 Jul 2018 11:37

Tgt Ion: 91 Resp: 288941

Ion Ratio Lower Upper

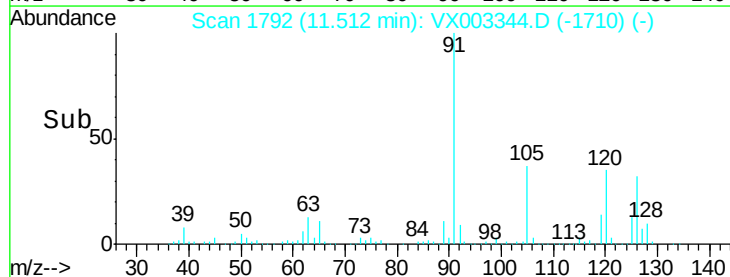
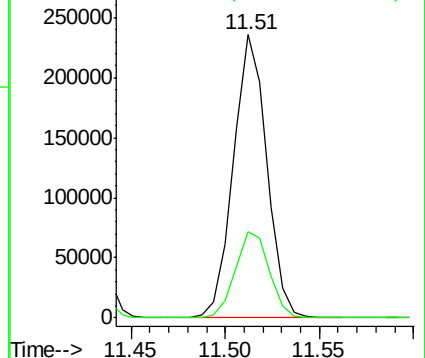
91 100

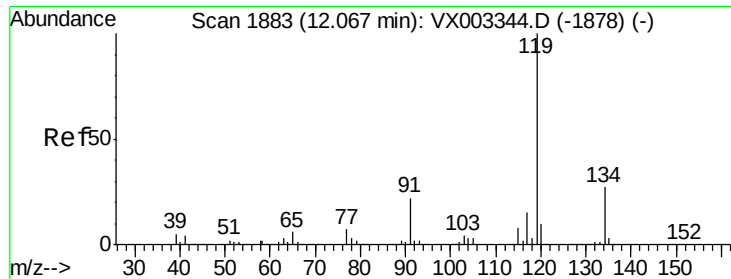
126 31.3 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

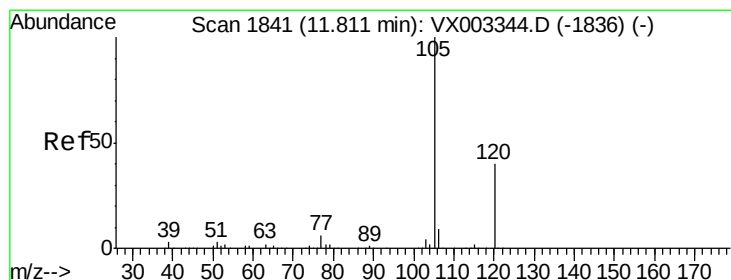
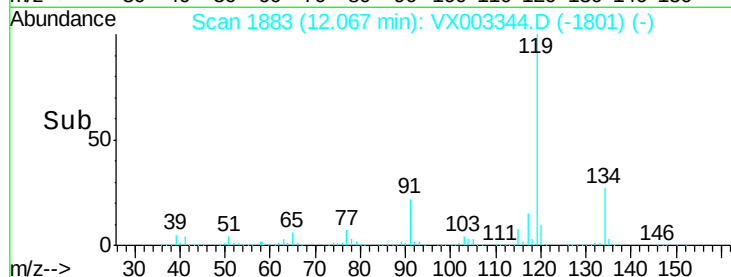
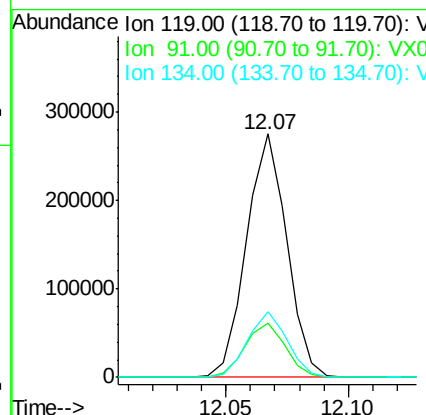
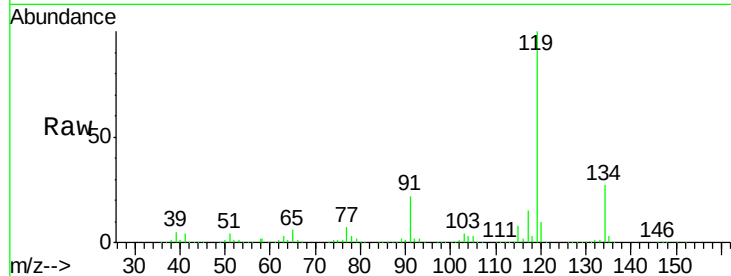




#79
tert-butylbenzene
Concen: 19.979 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

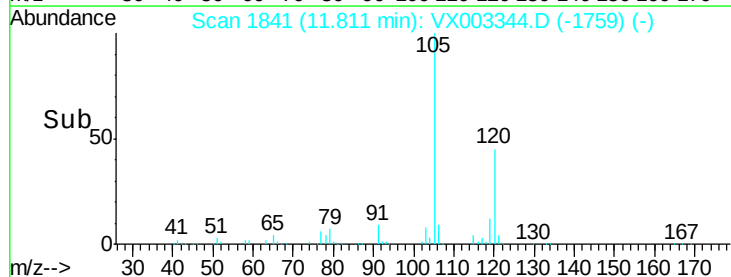
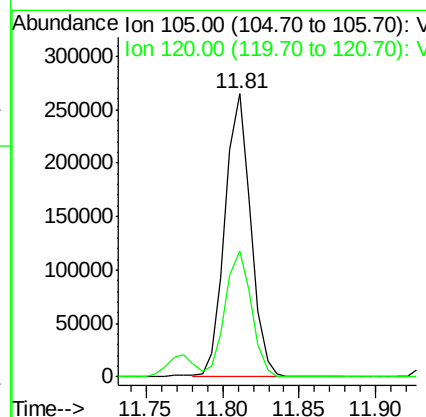
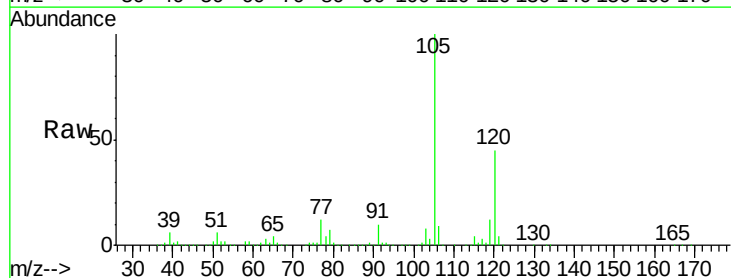
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

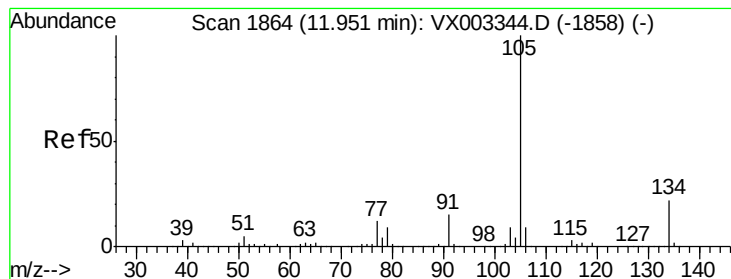
Tot Ion:119 Resp: 317085
Ion Ratio Lower Upper
119 100
91 22.3 0.0 48.0
134 26.4 0.0 52.6



#80
1,2,4-Trimethylbenzene
Concen: 20.984 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion:105 Resp: 308324
Ion Ratio Lower Upper
105 100
120 45.5 0.0 89.2





#81

sec-Butylbenzene

Concen: 19.990 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

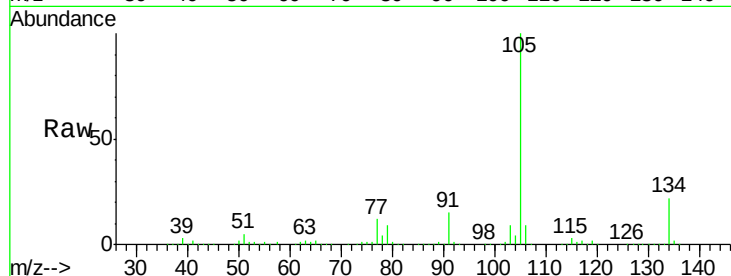
VSTDICCC020

Tot Ion:105 Resp: 351874

Ion Ratio Lower Upper

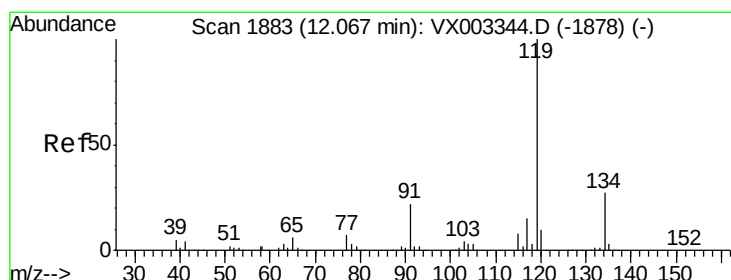
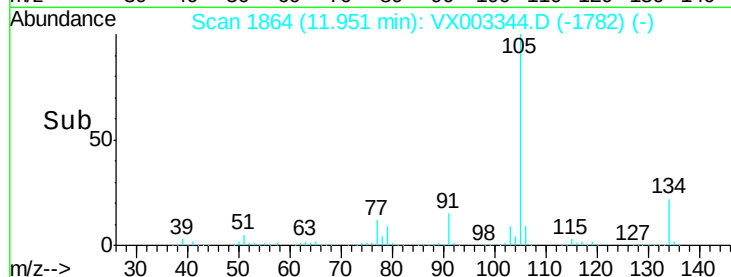
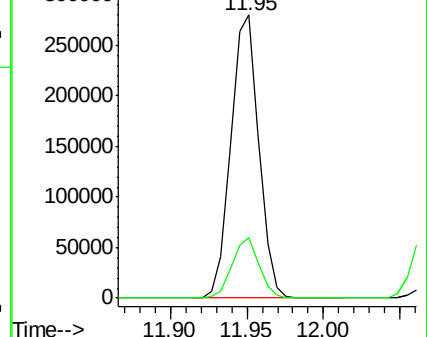
105 100

134 20.8 0.0 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.979 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

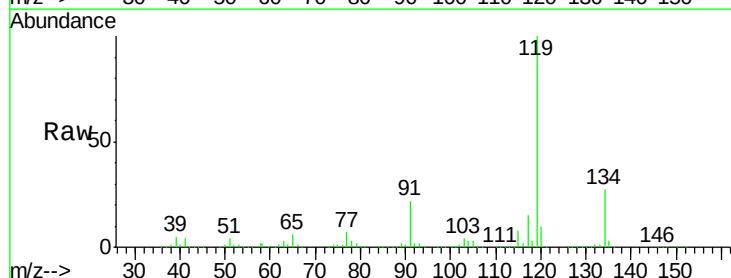
Tgt Ion:119 Resp: 317085

Ion Ratio Lower Upper

119 100

134 26.4 0.0 52.6

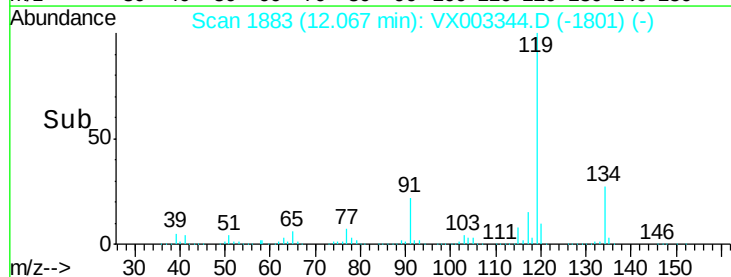
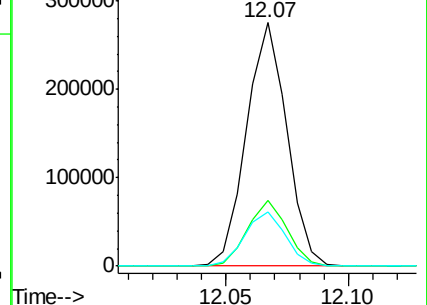
91 22.3 0.0 48.0

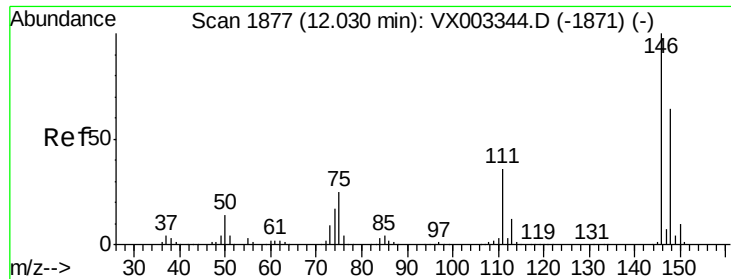


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 20.625 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

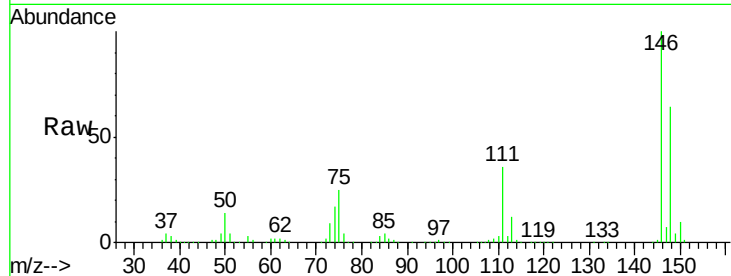
Tot Ion:146 Resp: 178877

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

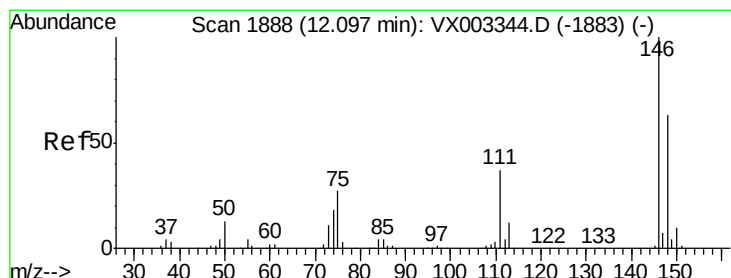
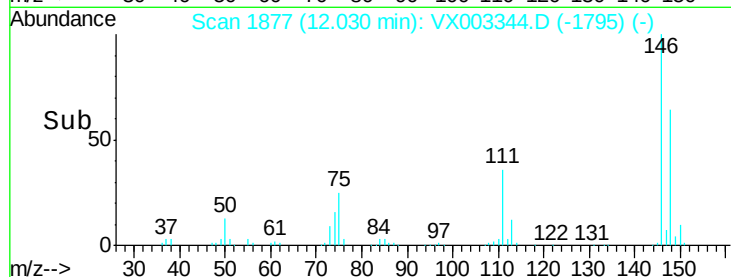
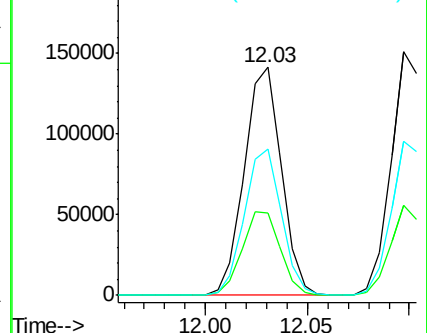
148 64.3 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 21.169 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

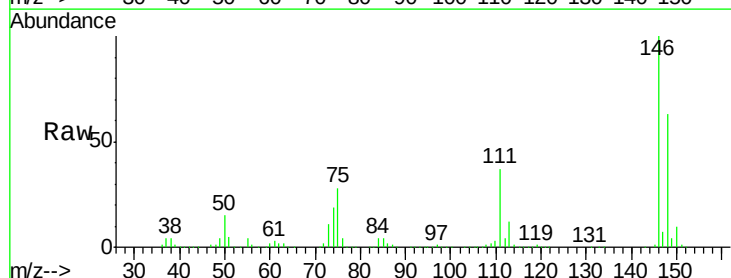
Tgt Ion:146 Resp: 185429

Ion Ratio Lower Upper

146 100

111 35.8 18.5 55.5

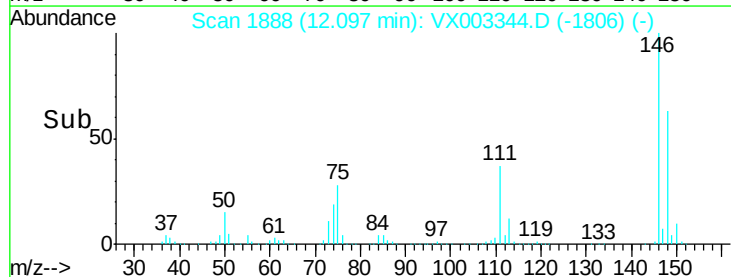
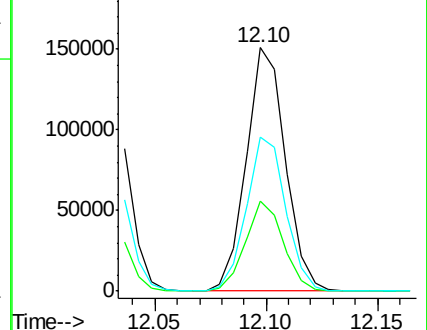
148 63.8 32.0 96.0

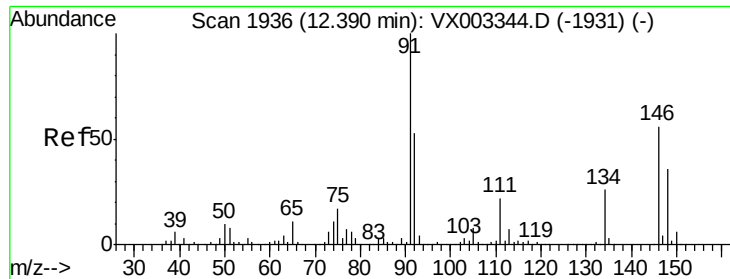


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 19.440 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003344.D

Acq: 12 Jul 2018 11:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

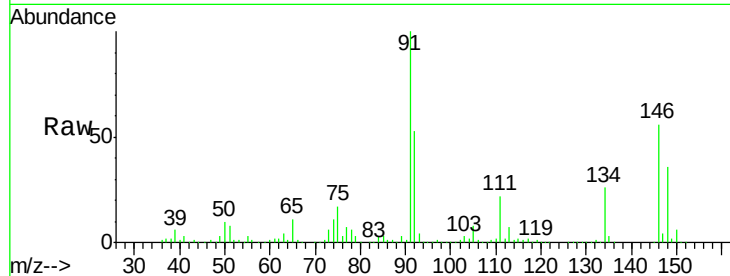
Tot Ion: 91 Resp: 273481

Ion Ratio Lower Upper

91 100

92 52.2 0.0 105.2

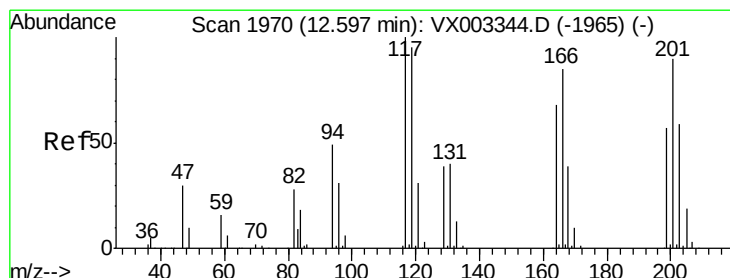
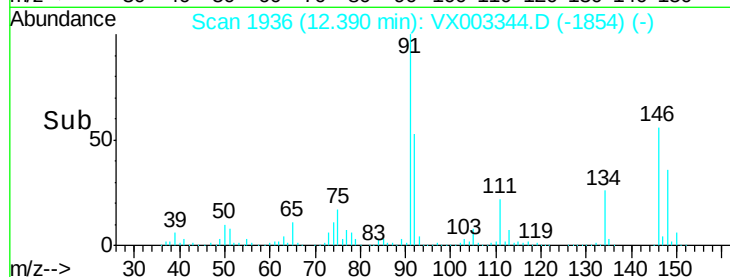
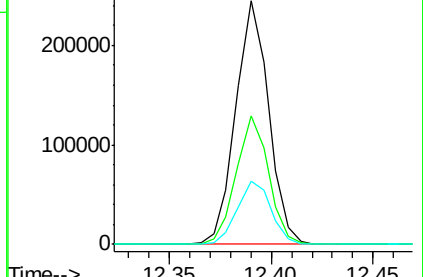
134 26.7 0.0 53.2



Abundance Ion 91.00 (90.70 to 91.70): VX003344.D (-1931) (-)

Ion 92.00 (91.70 to 92.70): VX003344.D (-1931) (-)

Ion 134.00 (133.70 to 134.70): VX003344.D (-1931) (-)



#86

Hexachloroethane

Concen: 17.997 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003344.D

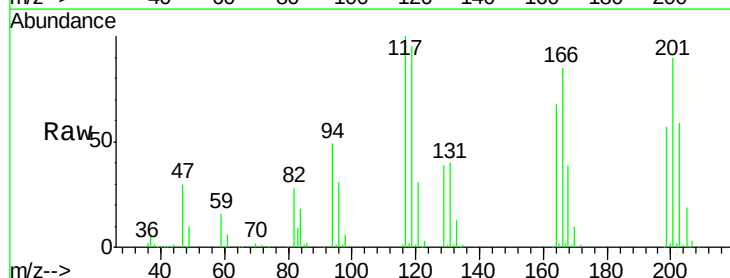
Acq: 12 Jul 2018 11:37

Tgt Ion: 117 Resp: 43292

Ion Ratio Lower Upper

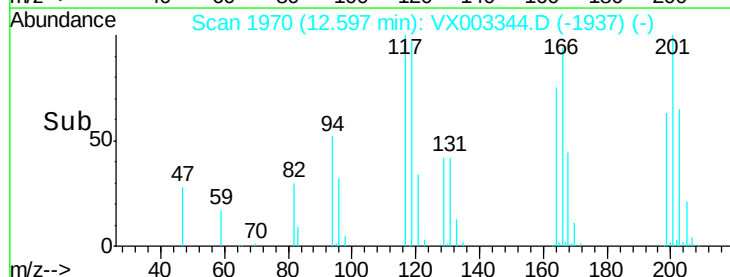
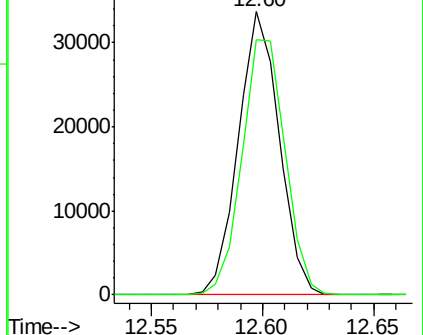
117 100

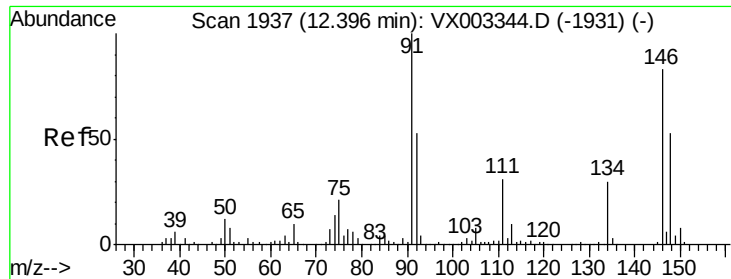
201 95.3 47.6 142.8



Abundance Ion 117.00 (116.70 to 117.70): VX003344.D (-1965) (-)

Ion 201.00 (200.70 to 201.70): VX003344.D (-1965) (-)

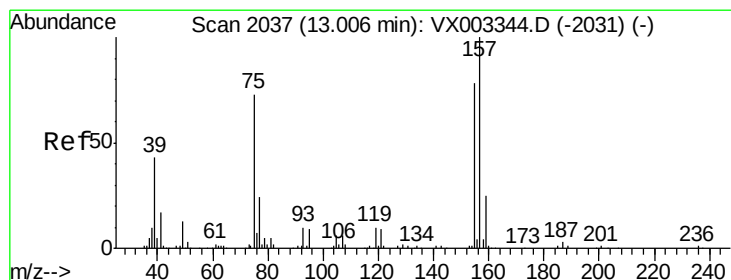
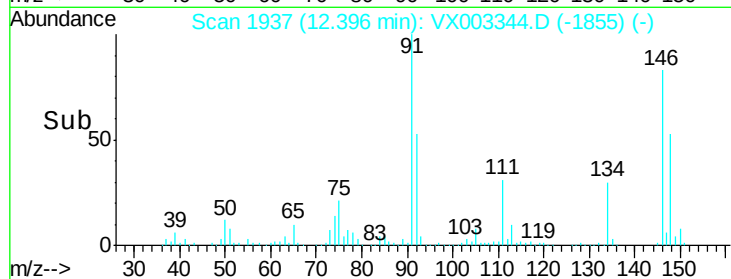
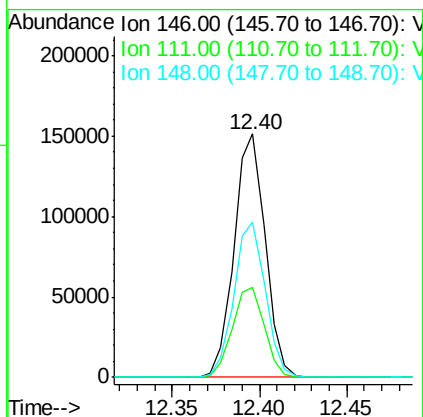
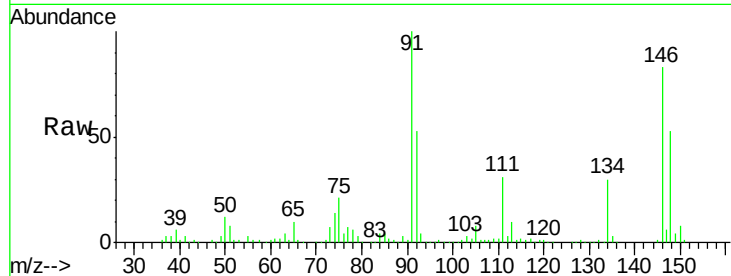




#87
 1,2-Dichlorobenzene
 Concen: 21.417 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

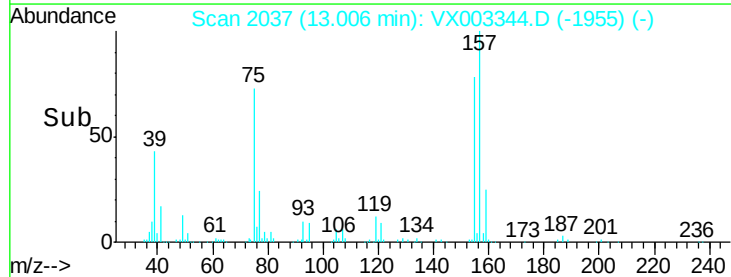
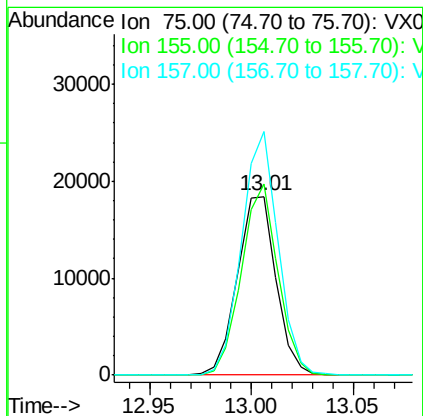
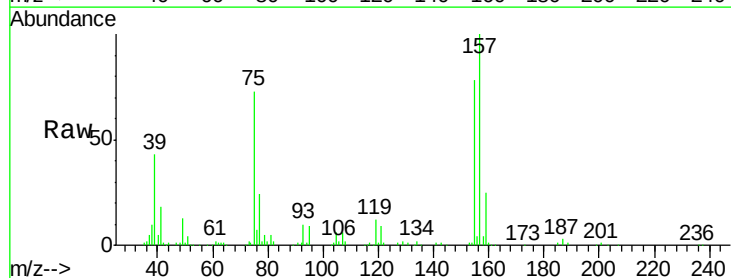
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

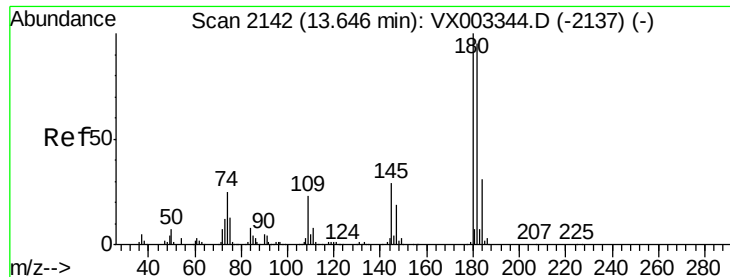
Tot Ion:146 Resp: 187577
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.0 59.9
 148 64.2 32.8 98.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.456 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion: 75 Resp: 24282
 Ion Ratio Lower Upper
 75 100
 155 100.9 73.1 109.7
 157 128.4 93.1 139.7

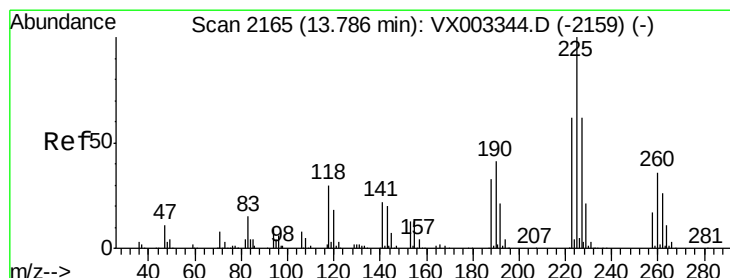
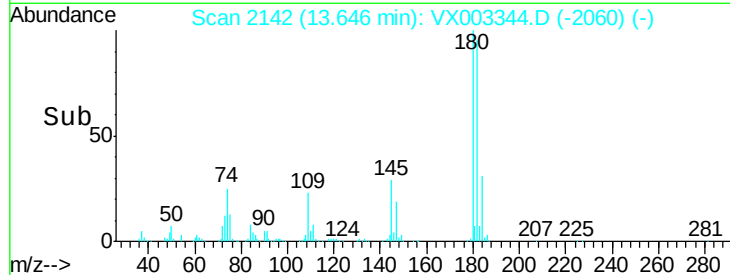
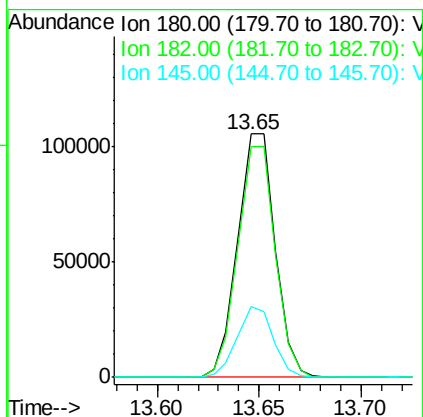
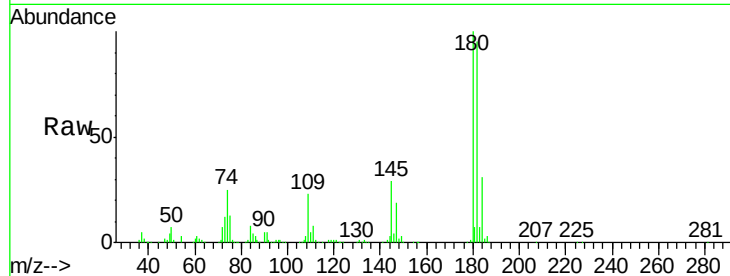




#89
 1,2,4-Trichlorobenzene
 Concen: 20.522 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

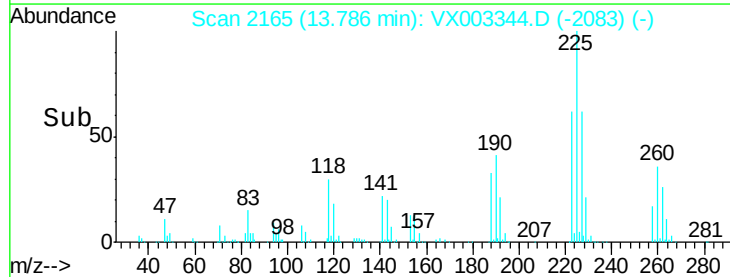
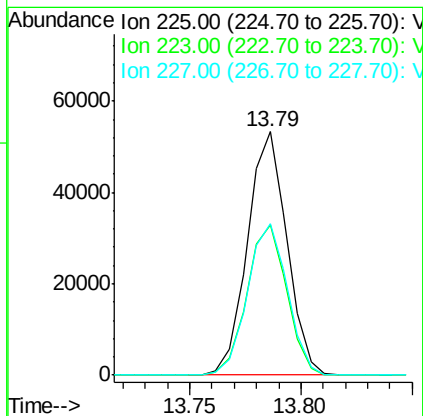
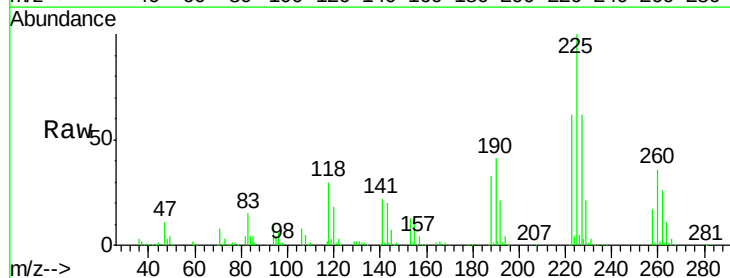
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

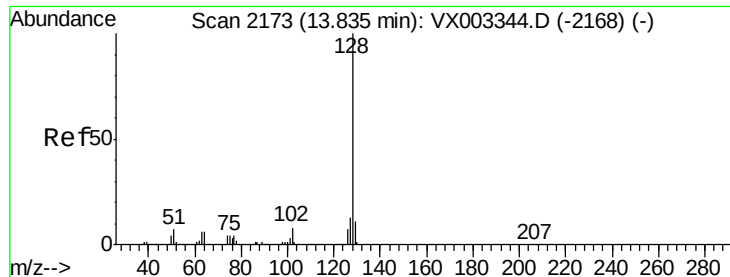
Tot Ion:180 Resp: 135671
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.4 114.6
 145 28.0 22.9 34.3



#90
 Hexachlorobutadiene
 Concen: 19.058 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003344.D
 Acq: 12 Jul 2018 11:37

Tgt Ion:225 Resp: 65590
 Ion Ratio Lower Upper
 225 100
 223 62.5 0.0 122.4
 227 63.3 0.0 128.0

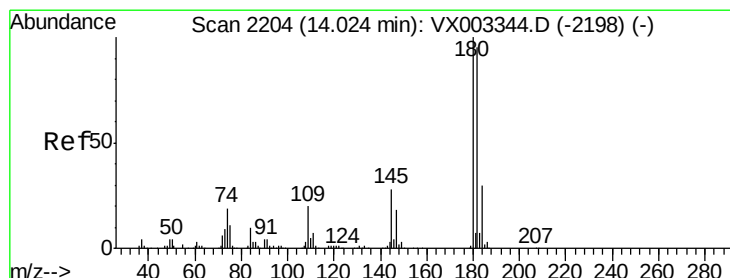
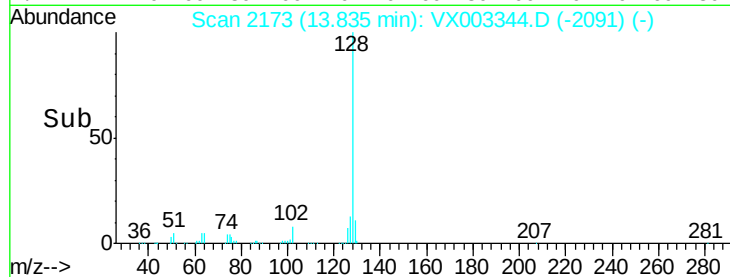
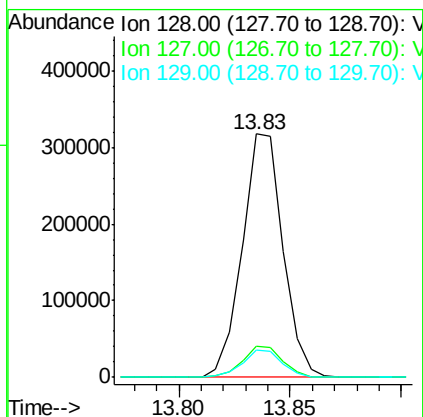
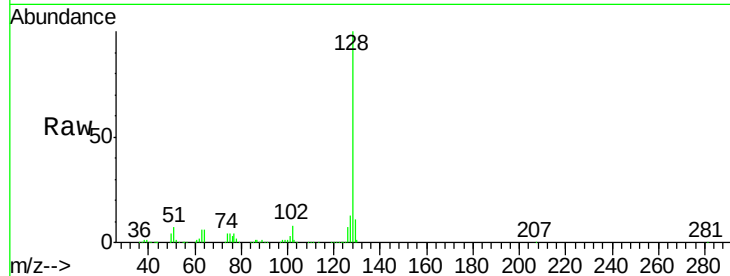




#91
Naphthalene
Concen: 23.146 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:128 Resp: 405597
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 21.446 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003344.D
Acq: 12 Jul 2018 11:37

Tgt Ion:180 Resp: 141056
Ion Ratio Lower Upper
180 100
182 95.0 0.0 191.0
145 29.3 0.0 60.6

