

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014071.D
 Acq On : 18 Dec 2019 00:21
 Operator : JC/SP
 Sample : VX1217WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

Quant Time: Dec 18 07:21:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	95902	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	525315	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	474359	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	201683	29.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.87%
60) 4-Bromofluorobenzene	11.14	95	223108	29.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.10%
63) Toluene-d8	8.71	98	648400	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	83078	17.149	ug/l 100
3) Chloromethane	1.32	50	127782	18.715	ug/l 100
4) Vinyl Chloride	1.40	62	131864	18.840	ug/l 98
5) Bromomethane	1.63	94	80748	15.782	ug/l 96
6) Chloroethane	1.72	64	84851	19.626	ug/l 100
7) Trichlorofluoromethane	1.92	101	161042	18.490	ug/l 100
8) Diethyl Ether	2.18	74	77899	19.458	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95284	18.343	ug/l 98
10) 1,1-Dichloroethene	2.37	96	100634	18.739	ug/l 97
11) Methyl Iodide	2.50	142	123131	17.811	ug/l 96
12) Methyl Acetate	2.76	43	168074	20.216	ug/l 100
13) Acrolein	2.28	56	97452	96.645	ug/l 94
14) Acrylonitrile	3.13	53	325808	100.247	ug/l 99
15) Acetone	2.43	58	151988	159.191	ug/l 85
16) Carbon Disulfide	2.56	76	269168	18.502	ug/l 97
17) Allyl chloride	2.72	41	179896	18.642	ug/l 98
18) Methylene Chloride	2.85	84	118996	18.084	ug/l 95
19) trans-1,2-Dichloroethene	3.16	96	109650	18.646	ug/l 98
20) Diisopropyl ether	3.84	45	368554	18.613	ug/l 94
21) 1,1-Dichloroethane	3.69	63	201641	18.763	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	123753	18.153	ug/l 98
23) tert-Butyl Alcohol	3.03	59	137959	108.222	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	335475	18.493	ug/l 99
25) Chloroform	5.20	83	196620	19.190	ug/l 95
26) Cyclohexane	5.57	56	174137	18.172	ug/l 97
29) 1,1-Dichloropropene	5.79	75	144146	18.997	ug/l 99
30) 2-Butanone	4.66	43	549938	122.959	ug/l 99
31) 2,2-Dichloropropane	4.58	77	125223	17.840	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	158755	18.915	ug/l 99
33) Carbon Tetrachloride	5.78	117	134072	18.792	ug/l 94
34) Benzene	6.14	78	456355	19.288	ug/l 99
35) Methacrylonitrile	5.03	41	97918	20.356	ug/l 95
36) 1,2-Dichloroethane	6.19	62	156424	19.032	ug/l 99
37) Trichloroethene	7.20	130	131327	20.398	ug/l 99
38) Methylcyclohexane	7.46	83	168888	18.659	ug/l 96
39) 1,2-Dichloropropane	7.51	63	116261	18.919	ug/l 96
40) Dibromomethane	7.65	93	76658	19.527	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	143599	18.891	ug/l	95
42) Vinyl Acetate	3.80	43	878703	55.647	ug/l	97
43) Ethyl Acetate	4.83	43	176076	20.517	ug/l	99
44) Isopropyl Acetate	6.43	43	279424	19.440	ug/l	99
45) 1,4-Dioxane	7.73	88	55850	414.920	ug/l	98
46) Methyl methacrylate	7.76	41	134606	19.280	ug/l	97
47) n-amyl Acetate	10.89	43	228565	17.884	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	151791	18.296	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	175291	18.788	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	116242	19.187	ug/l	99
51) Ethyl methacrylate	9.17	69	182073	18.893	ug/l	96
52) 1,3-Dichloropropane	9.37	76	199658	19.397	ug/l	100
53) Dibromochloromethane	9.57	129	114151	18.843	ug/l	98
54) 1,2-Dibromoethane	9.67	107	120020	19.241	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	393296	92.581	ug/l	99
56) Bromoform	10.85	173	83939	17.768	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	905610	102.035	ug/l	100
59) 2-Hexanone	9.48	43	743282	110.352	ug/l	99
61) Tetrachloroethene	9.33	164	176274	28.090	ug/l	98
62) Toluene	8.78	91	481330	19.078	ug/l	99
64) Chlorobenzene	10.14	112	298050	18.857	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	109861	18.771	ug/l	98
66) Ethyl Benzene	10.25	91	518613	18.784	ug/l	99
67) m/p-Xylenes	10.36	106	399549	37.856	ug/l	99
68) o-Xylene	10.70	106	192984	18.457	ug/l	99
69) Styrene	10.71	104	320296	18.014	ug/l	99
70) Isopropylbenzene	11.01	105	510980	18.912	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	158726	16.565	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	194503	22.805	ug/l	92
73) Bromobenzene	11.25	156	132445	18.363	ug/l	99
74) n-propylbenzene	11.35	91	568012	18.535	ug/l	99
75) 2-Chlorotoluene	11.42	91	342206	18.480	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	416844	18.186	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	50891	18.069	ug/l	90
78) 4-Chlorotoluene	11.51	91	382607	18.082	ug/l	99
79) tert-butylbenzene	11.76	119	354988	16.068	ug/l	92
80) 1,2,4-Trimethylbenzene	11.80	105	416950	18.193	ug/l	100
81) sec-Butylbenzene	11.94	105	479039	18.230	ug/l	98
82) p-Isopropyltoluene	12.06	119	429498	18.111	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	224035	17.820	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	222517	17.775	ug/l	99
85) n-Butylbenzene	12.39	91	350725	17.590	ug/l	99
86) Hexachloroethane	12.59	117	74476	17.312	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	226436	17.733	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34108	17.859	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	138872	17.016	ug/l	97
90) Hexachlorobutadiene	13.78	225	66859	17.235	ug/l	97
91) Naphthalene	13.83	128	441979	18.018	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	143576	17.345	ug/l	100

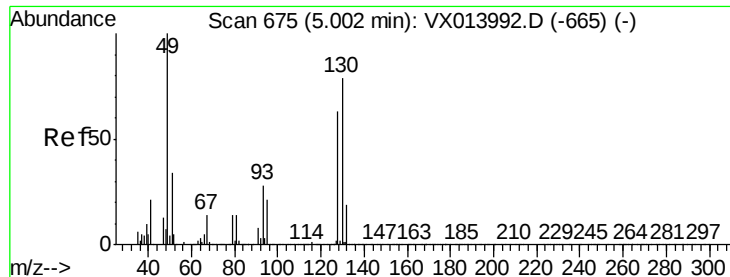
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
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QLast Update : Fri Dec 13 01:35:34 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

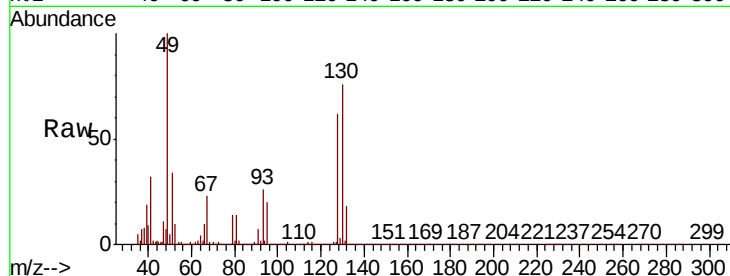
Tot Ion:128 Resp: 95902

Ion Ratio Lower Upper

128 100

49 161.3 0.0 405.0

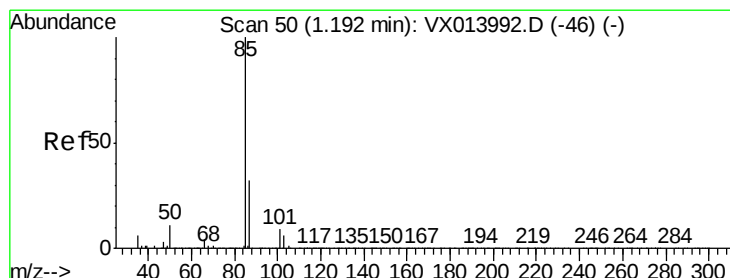
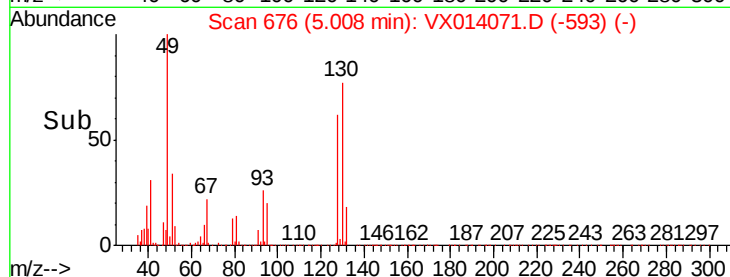
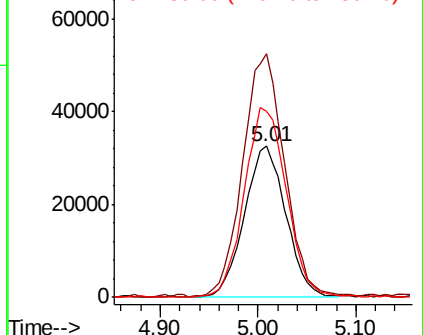
130 128.3 0.0 321.5



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: 17.149 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014071.D

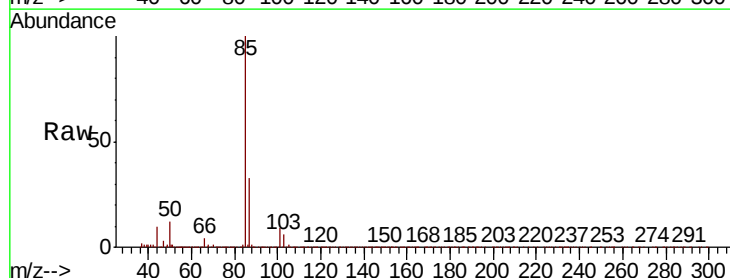
Acq: 18 Dec 2019 00:21

Tgt Ion: 85 Resp: 83078

Ion Ratio Lower Upper

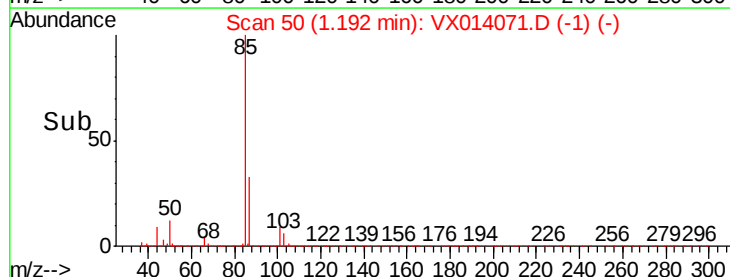
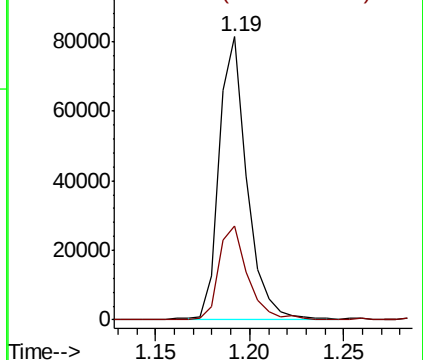
85 100

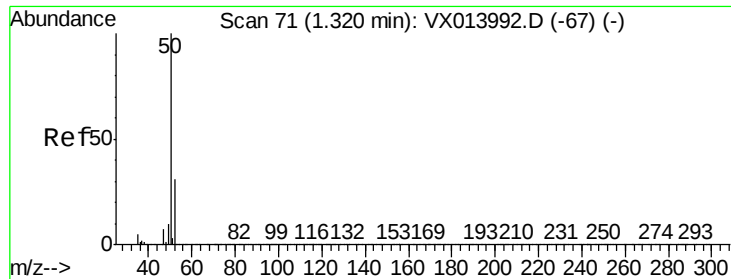
87 32.9 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

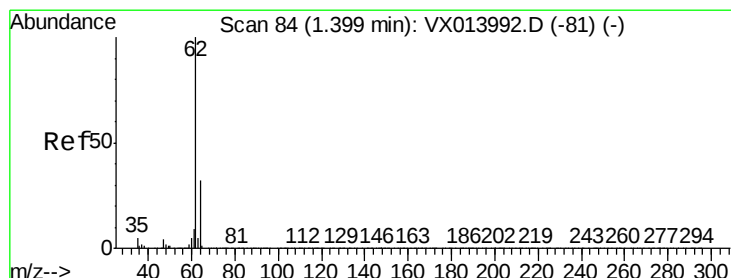
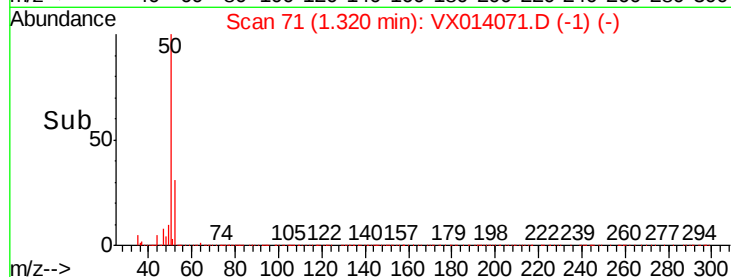
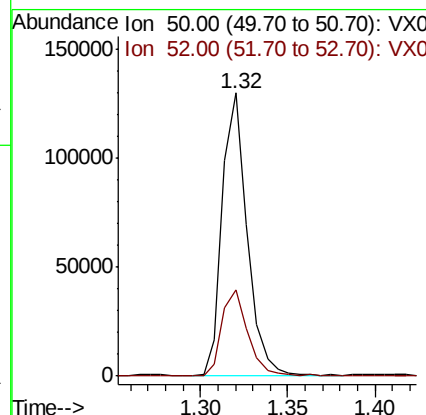
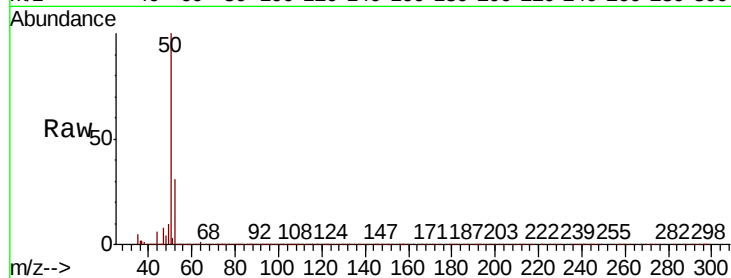




#3
Chloromethane
Concen: 18.715 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

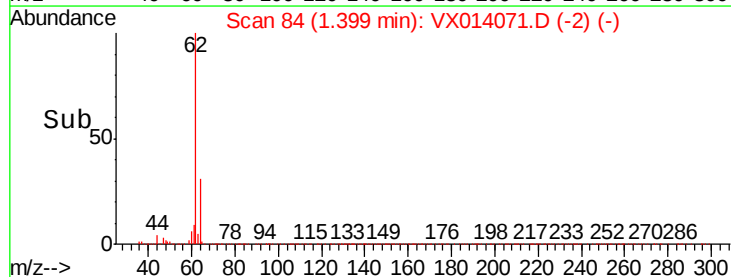
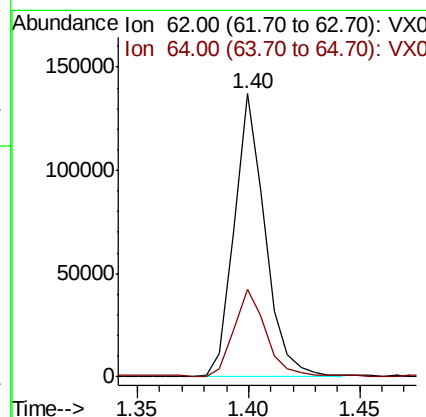
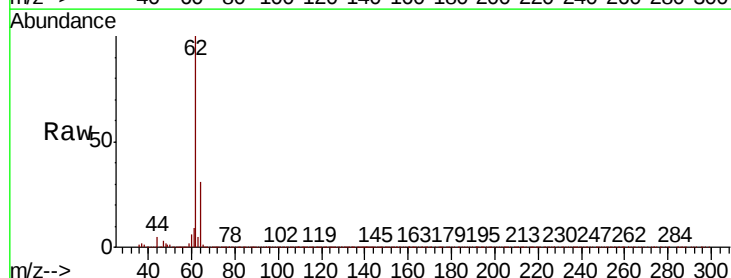
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

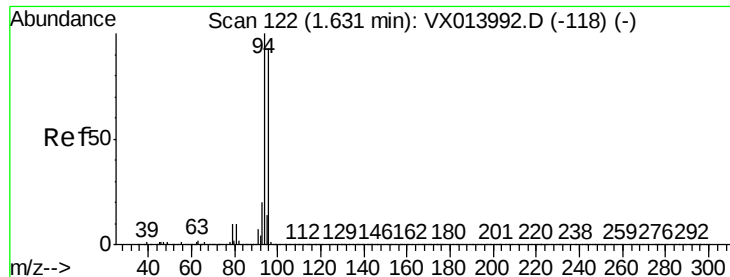
Tot Ion: 50 Resp: 127782
Ion Ratio Lower Upper
50 100
52 30.5 24.3 36.5



#4
Vinyl Chloride
Concen: 18.840 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 62 Resp: 131864
Ion Ratio Lower Upper
62 100
64 30.6 25.2 37.8





#5

Bromomethane

Concen: 15.782 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

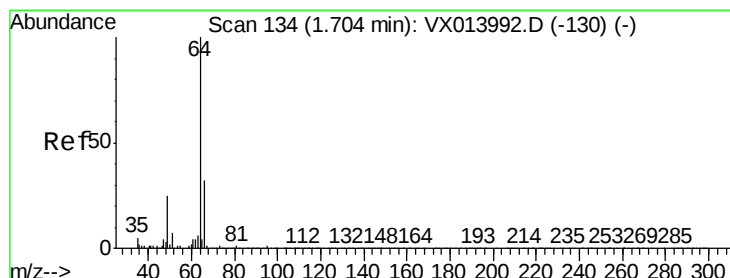
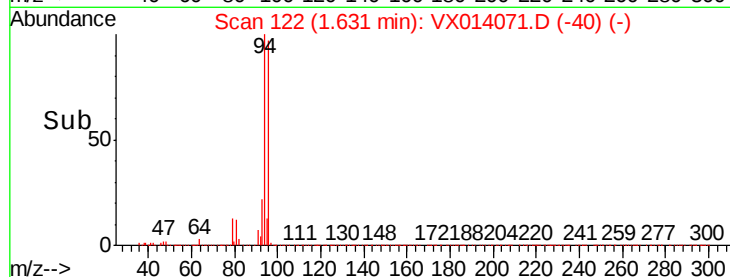
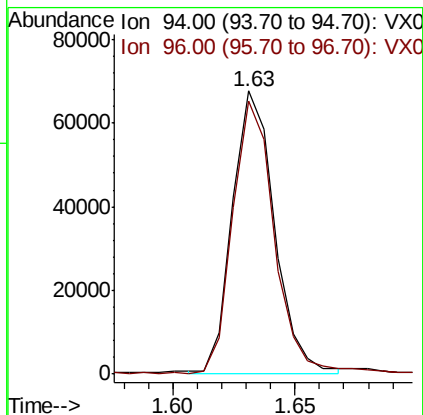
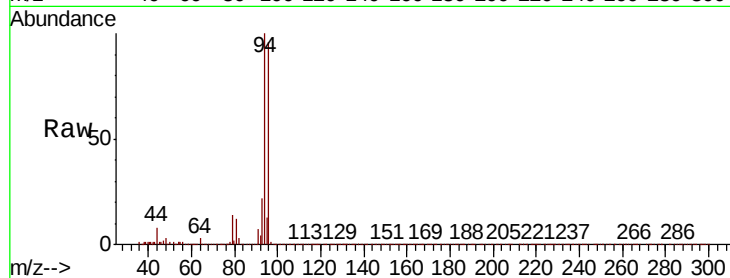
VX1217WBS02

Tot Ion: 94 Resp: 80748

Ion Ratio Lower Upper

94 100

96 96.9 74.4 111.6



#6

Chloroethane

Concen: 19.626 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014071.D

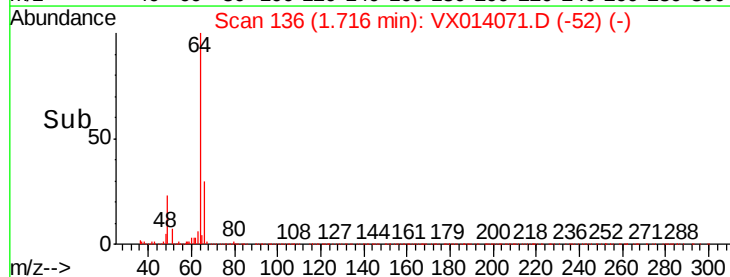
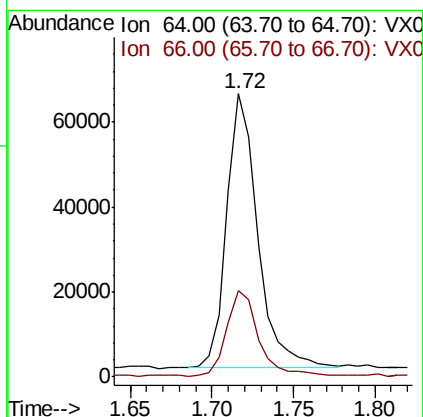
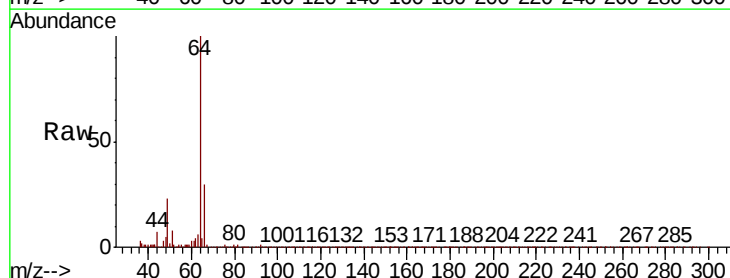
Acq: 18 Dec 2019 00:21

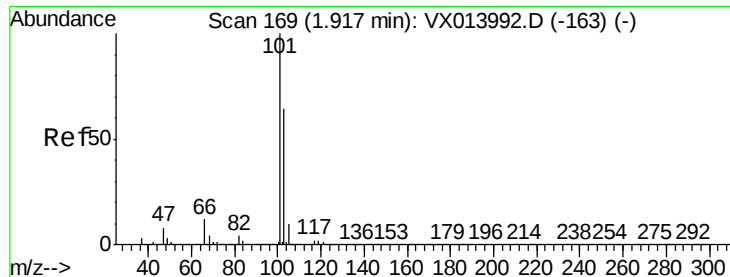
Tgt Ion: 64 Resp: 84851

Ion Ratio Lower Upper

64 100

66 31.4 25.2 37.8



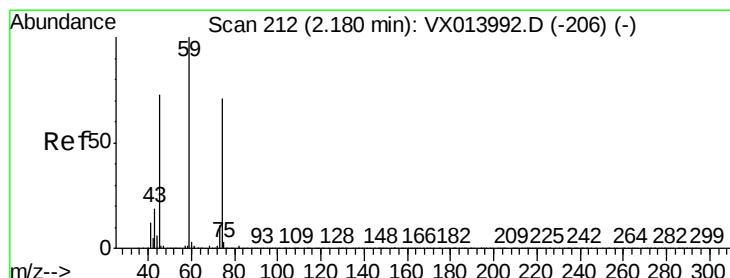
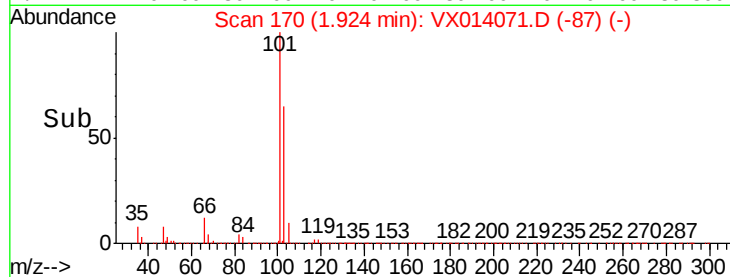
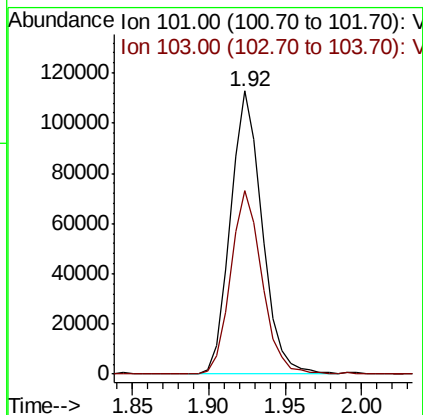
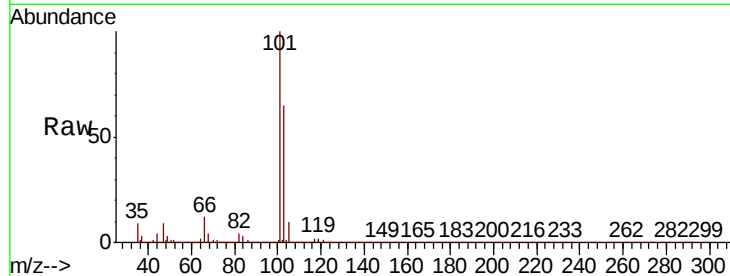


#7

Trichlorofluoromethane
 Concen: 18.490 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

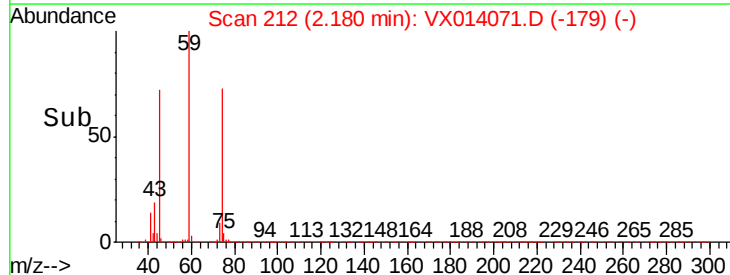
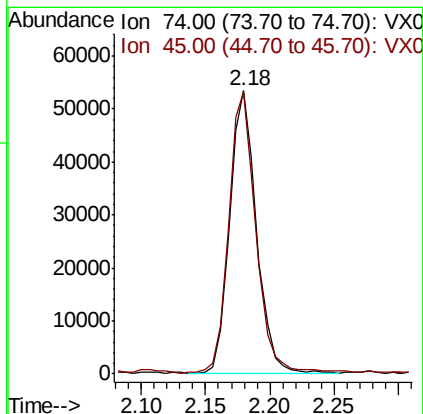
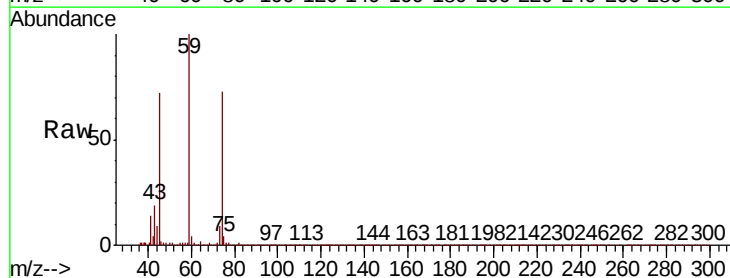
Tot Ion:101 Resp: 161042
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

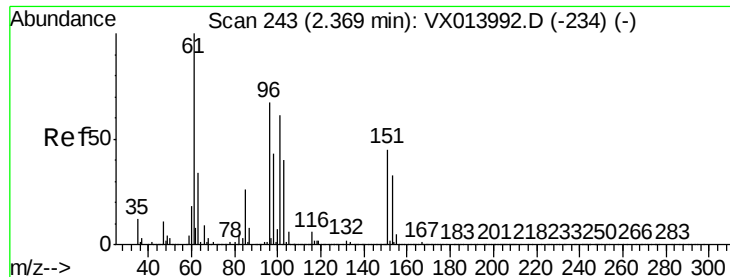


#8

Diethyl Ether
 Concen: 19.458 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion: 74 Resp: 77899
 Ion Ratio Lower Upper
 74 100
 45 100.4 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.343 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

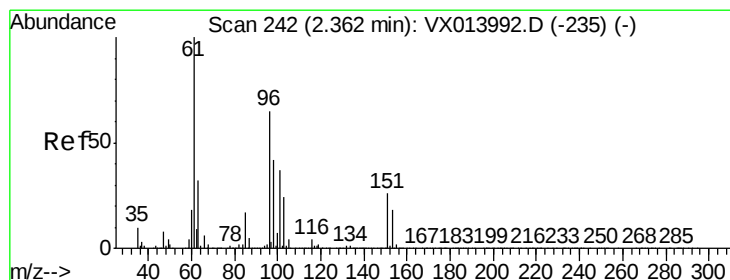
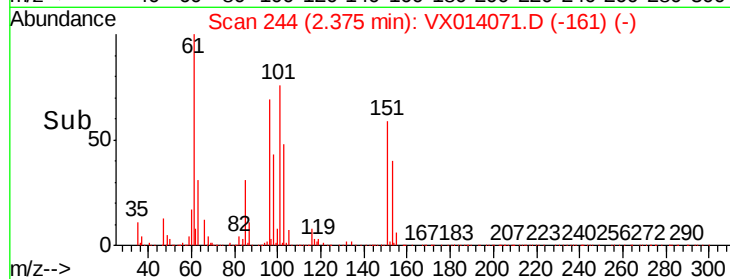
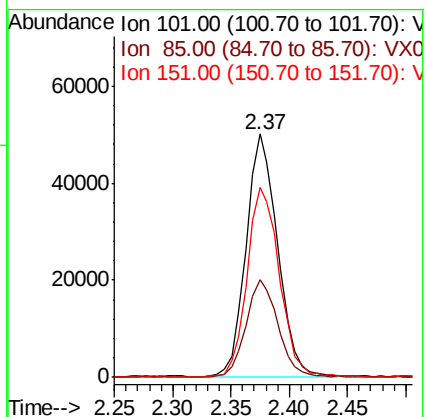
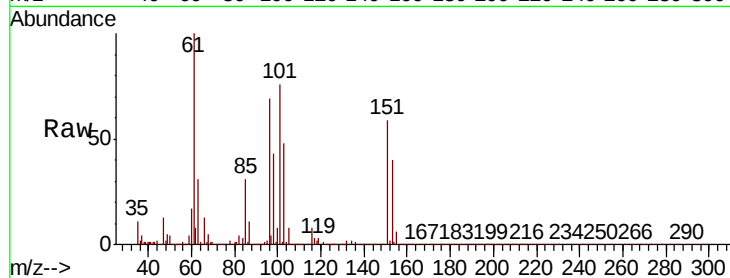
Tot Ion:101 Resp: 95284

Ion Ratio Lower Upper

101 100

85 40.2 0.0 85.6

151 80.0 0.0 159.4



#10

1,1-Dichloroethene

Concen: 18.739 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

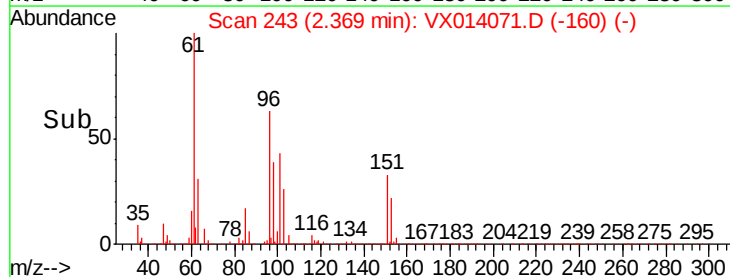
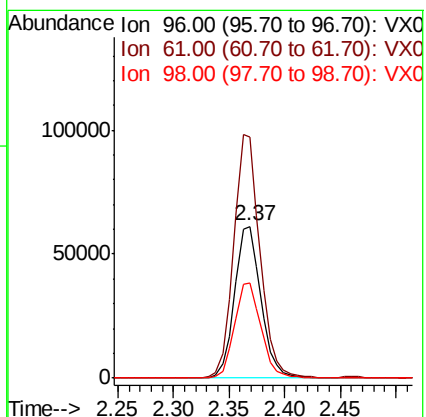
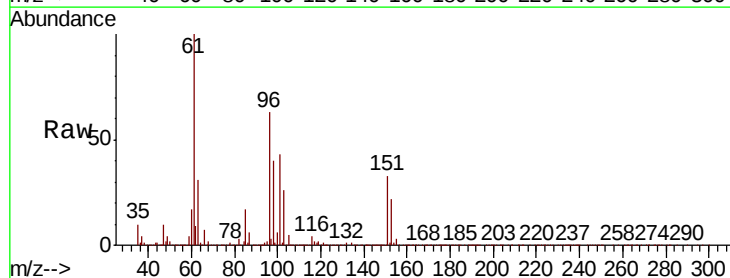
Tgt Ion: 96 Resp: 100634

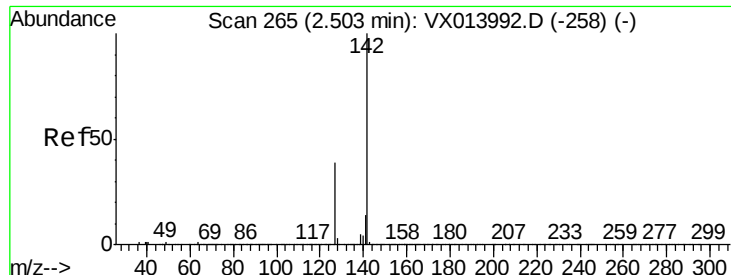
Ion Ratio Lower Upper

96 100

61 158.8 123.0 184.6

98 62.5 51.4 77.0

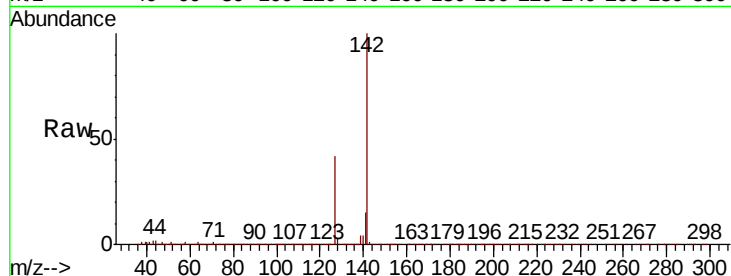




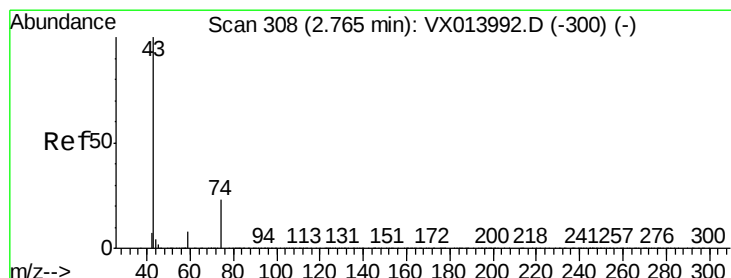
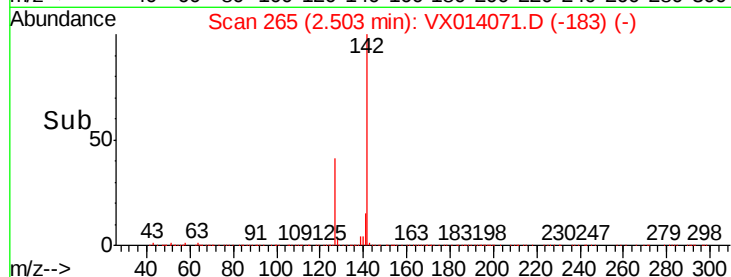
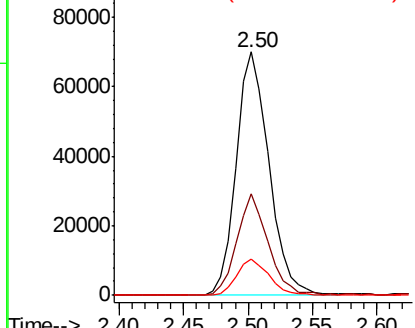
#11
Methvl Iodide
Concen: 17.811 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.5	19.5	58.5
141	14.9	7.0	20.9

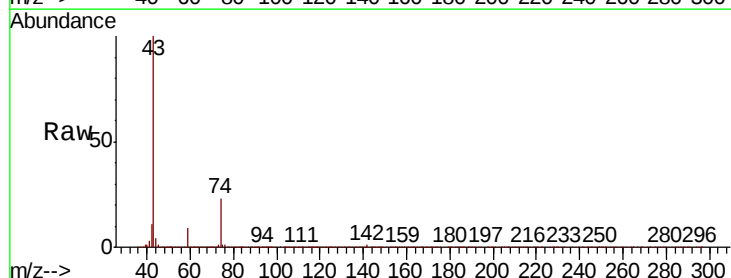


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

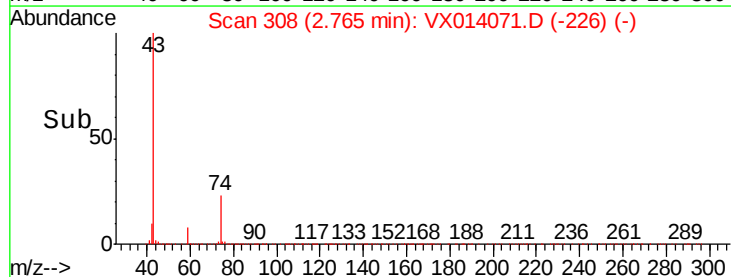
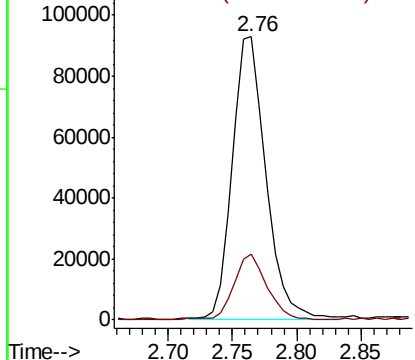


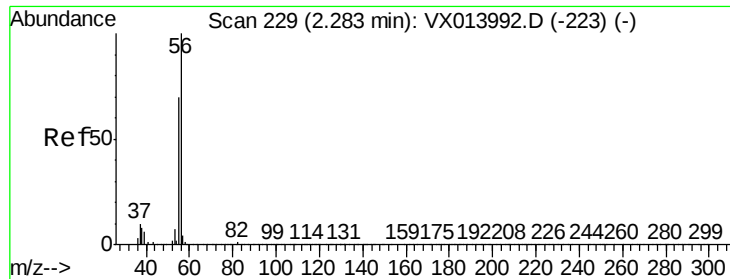
#12
Methyl Acetate
Concen: 20.216 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.5	27.7



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

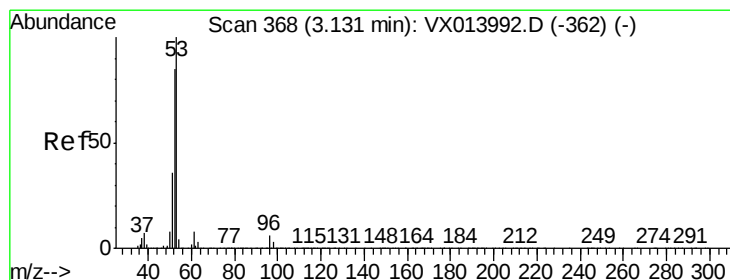
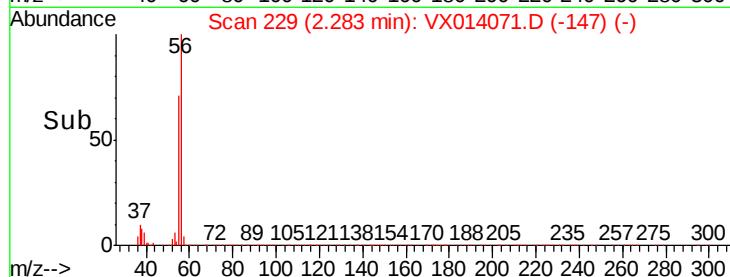
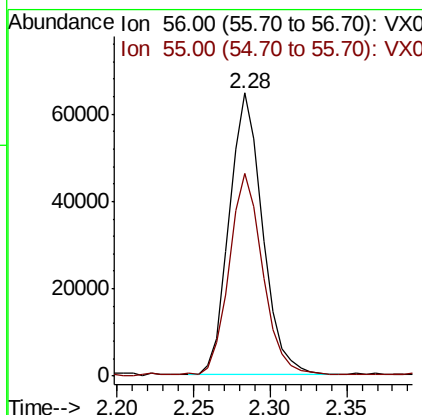
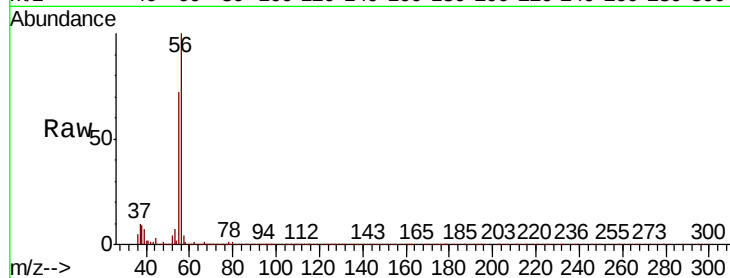




#13
Acrolein
Concen: 96.645 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

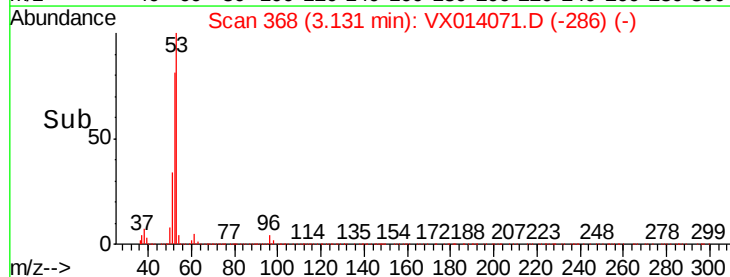
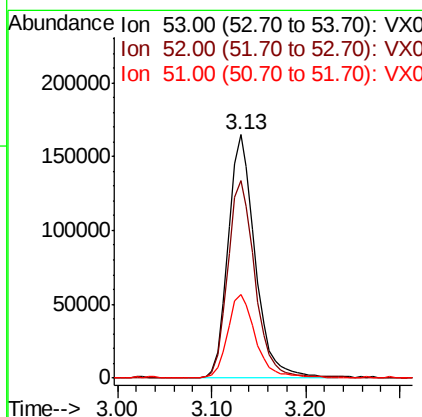
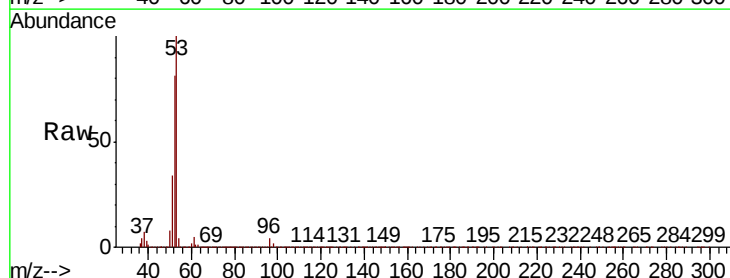
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

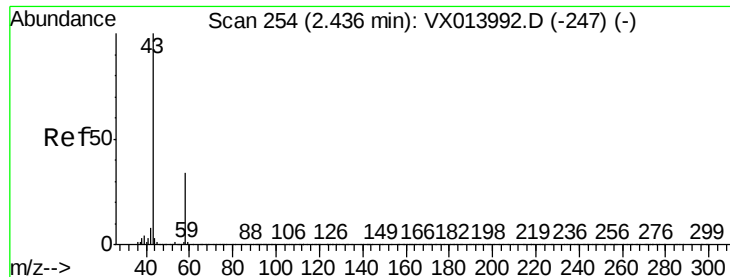
Tot Ion: 56 Resp: 97452
Ion Ratio Lower Upper
56 100
55 73.4 54.9 82.3



#14
Acrylonitrile
Concen: 100.247 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 53 Resp: 325808
Ion Ratio Lower Upper
53 100
52 81.9 41.5 124.6
51 35.6 17.8 53.5





#15

Acetone

Concen: 159.191 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

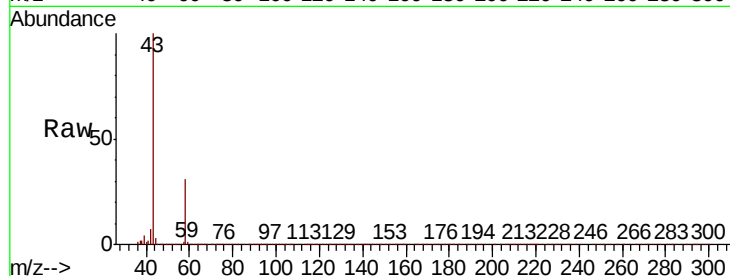
VX1217WBS02

Tot Ion: 58 Resp: 151988

Ion Ratio Lower Upper

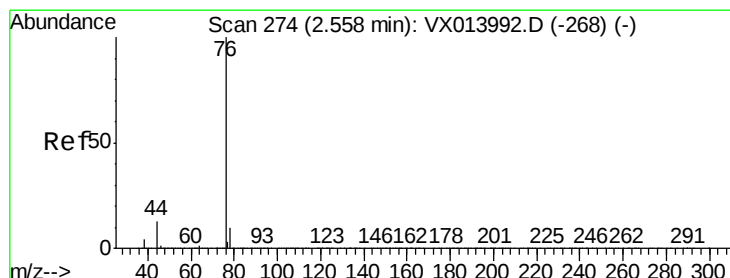
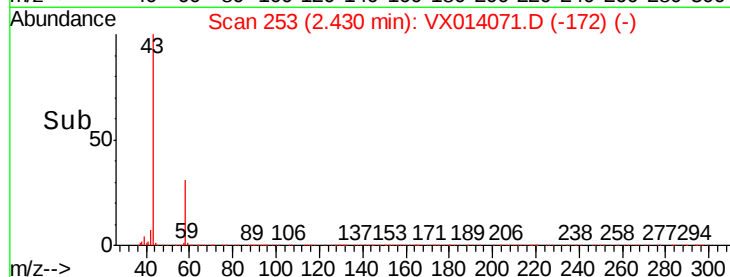
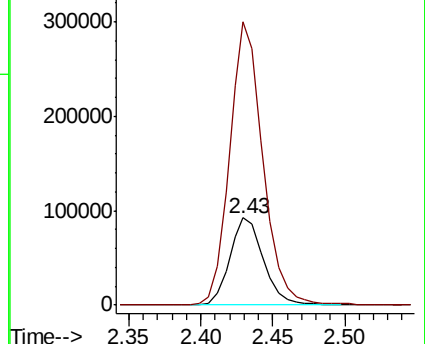
58 100

43 323.9 236.3 354.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.502 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014071.D

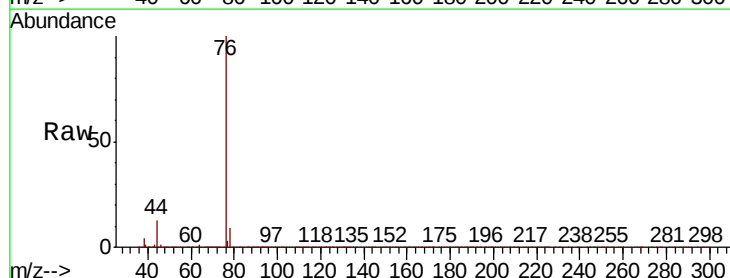
Acq: 18 Dec 2019 00:21

Tgt Ion: 76 Resp: 269168

Ion Ratio Lower Upper

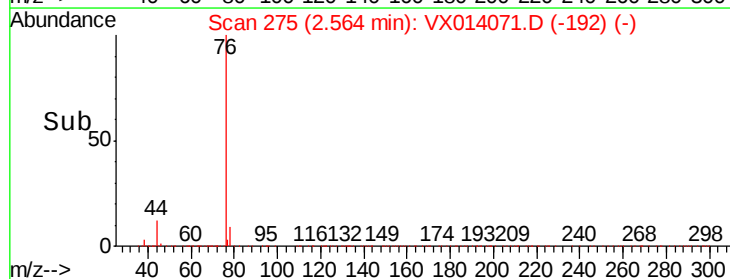
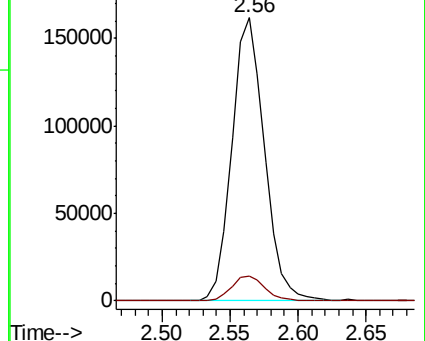
76 100

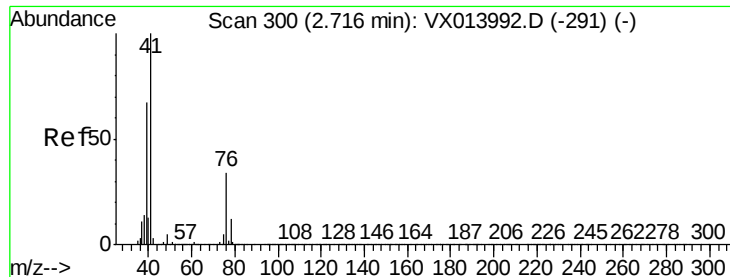
78 8.8 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

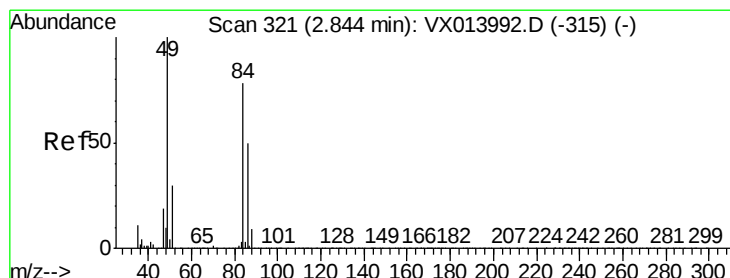
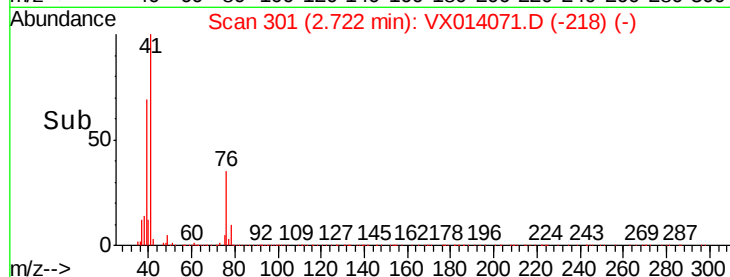
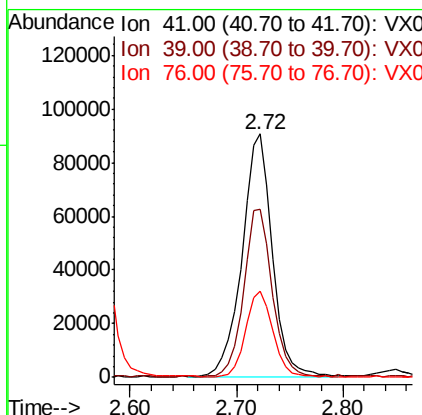
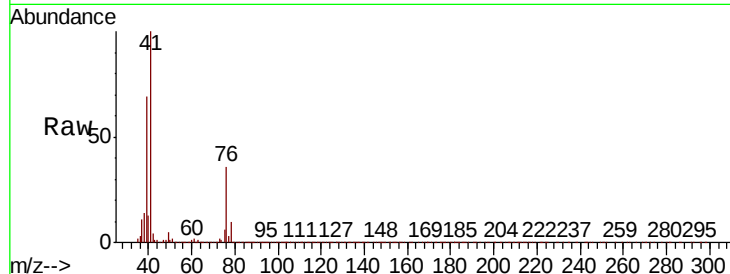




#17
Allvl chloride
Concen: 18.642 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

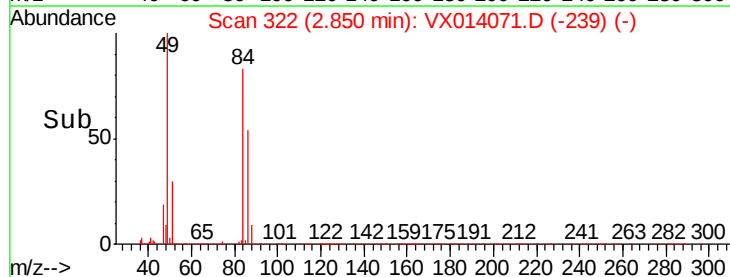
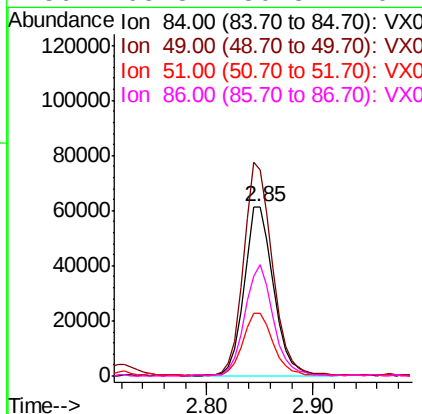
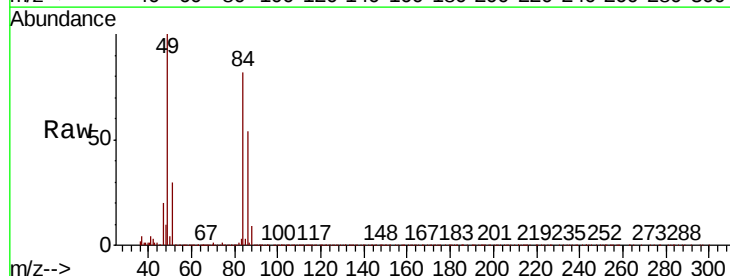
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

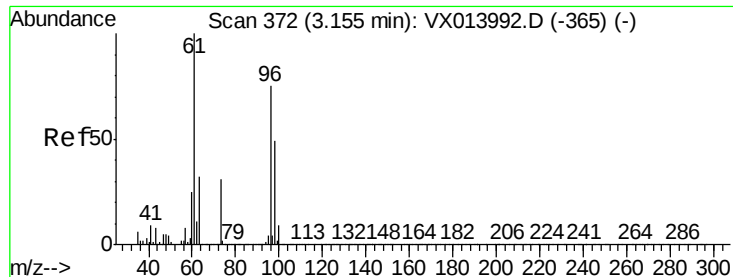
Tot Ion: 41 Resp: 179896
Ion Ratio Lower Upper
41 100
39 68.7 33.4 100.2
76 35.4 17.0 50.9



#18
Methylene Chloride
Concen: 18.084 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 84 Resp: 118996
Ion Ratio Lower Upper
84 100
49 121.5 102.2 153.2
51 36.4 31.4 47.0
86 65.8 50.8 76.2

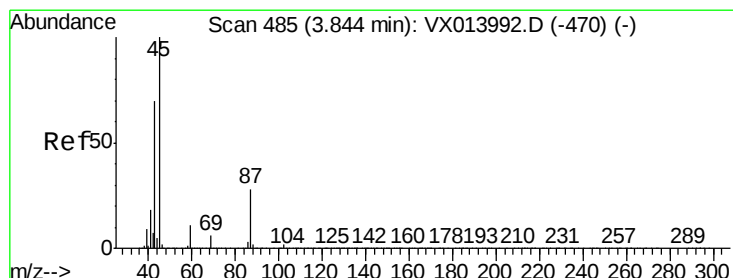
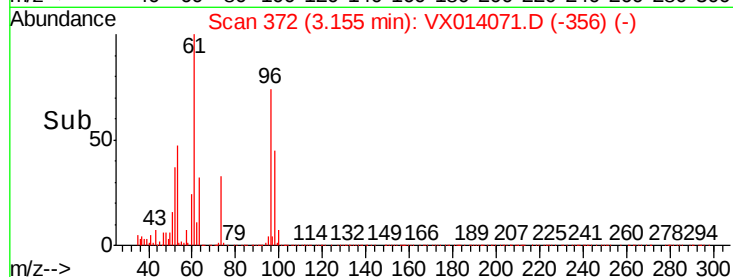
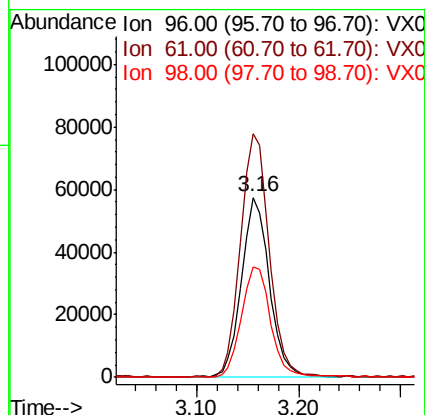
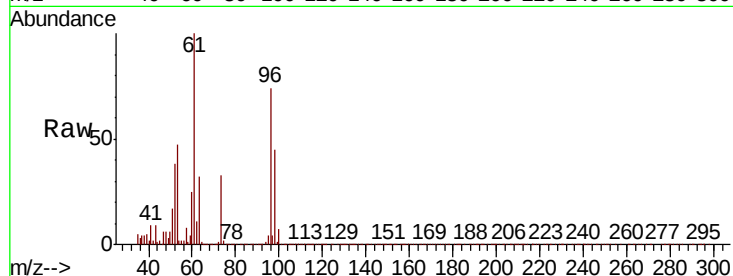




#19
trans-1,2-Dichloroethene
Concen: 18.646 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

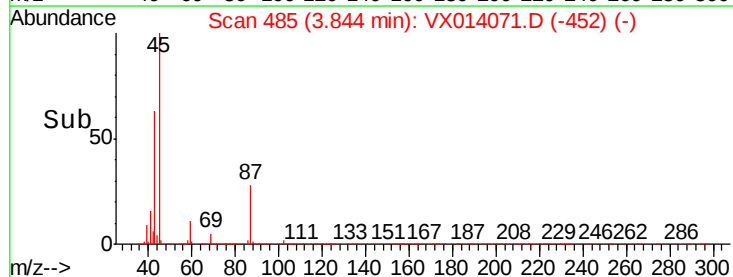
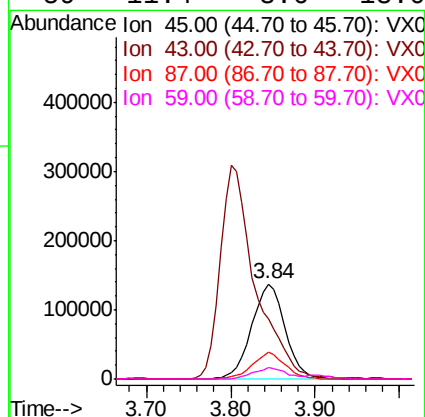
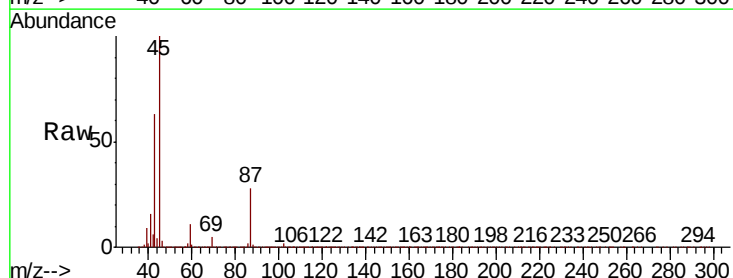
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

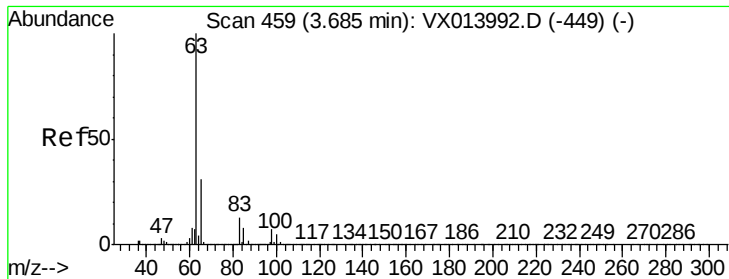
Tot Ion: 96 Resp: 109650
Ion Ratio Lower Upper
96 100
61 135.1 106.6 159.8
98 61.4 51.6 77.4



#20
Diisopropyl ether
Concen: 18.613 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 45 Resp: 368554
Ion Ratio Lower Upper
45 100
43 62.9 55.9 83.9
87 27.5 22.2 33.2
59 11.4 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.763 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

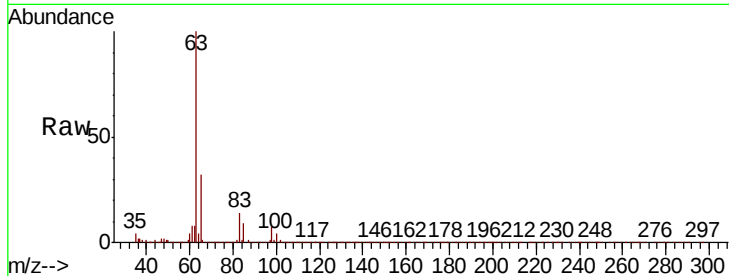
Tot Ion: 63 Resp: 201641

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

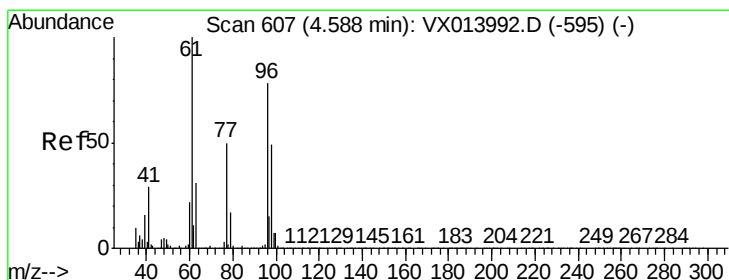
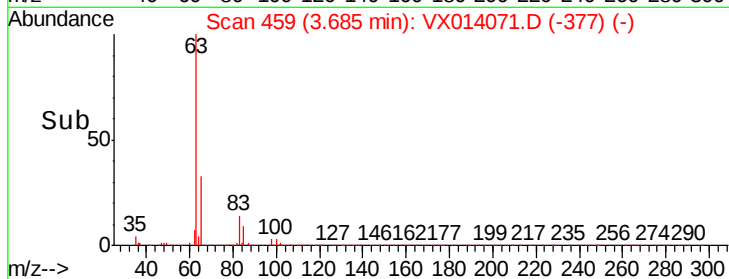
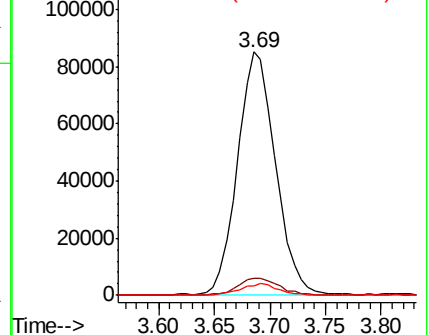
100 3.8 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.153 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

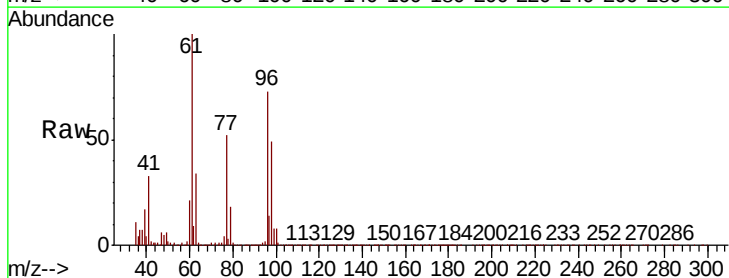
Tgt Ion: 96 Resp: 123753

Ion Ratio Lower Upper

96 100

61 142.0 112.4 168.6

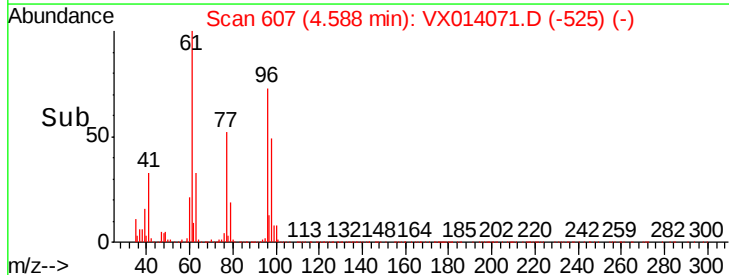
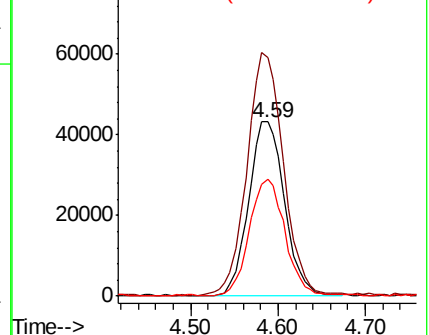
98 65.7 50.3 75.5

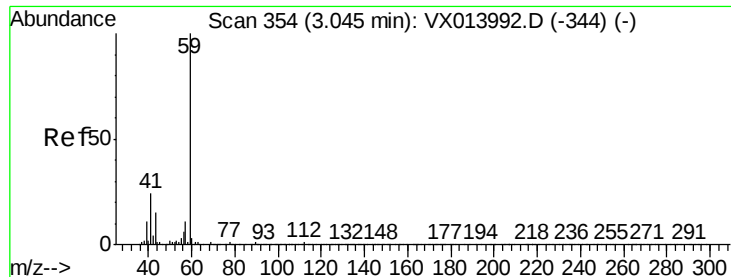


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 108.222 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.02 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

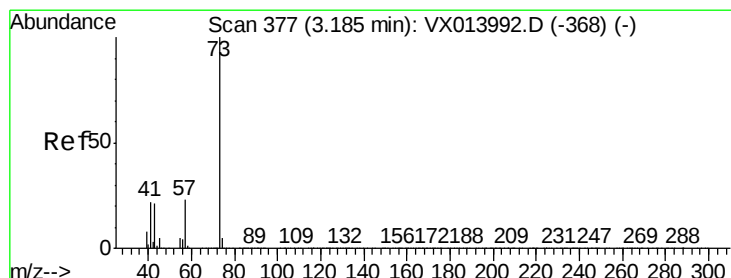
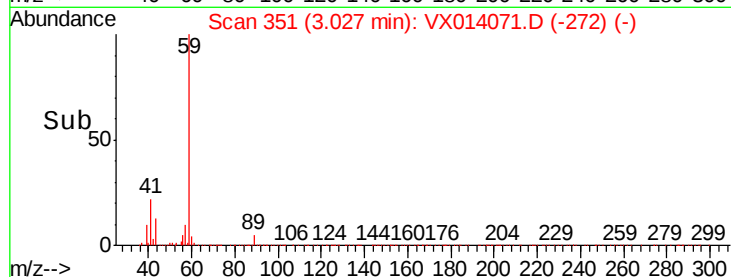
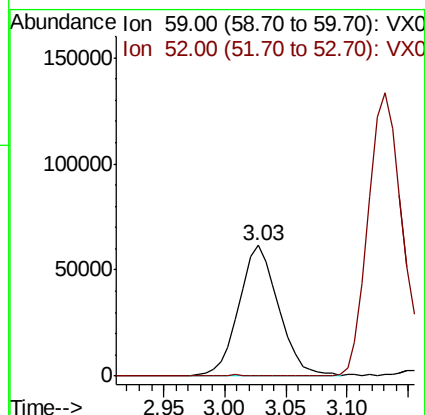
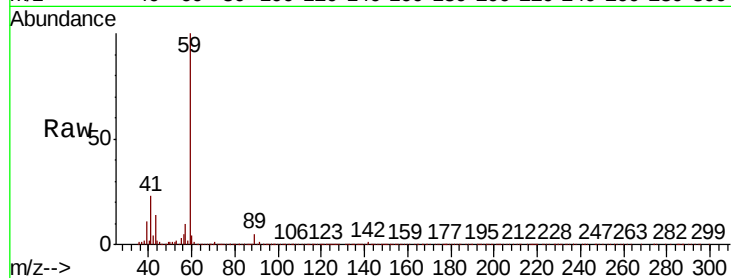
VX1217WBS02

Tot Ion: 59 Resp: 137959

Ion Ratio Lower Upper

59 100

52 0.3 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 18.493 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014071.D

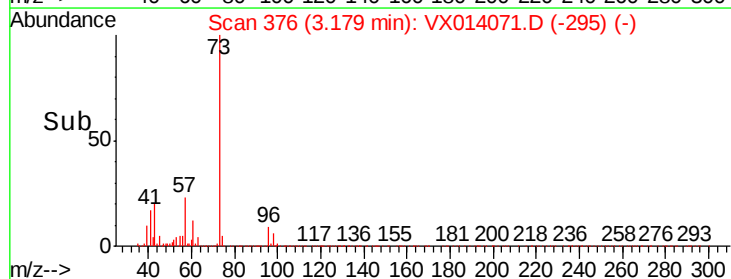
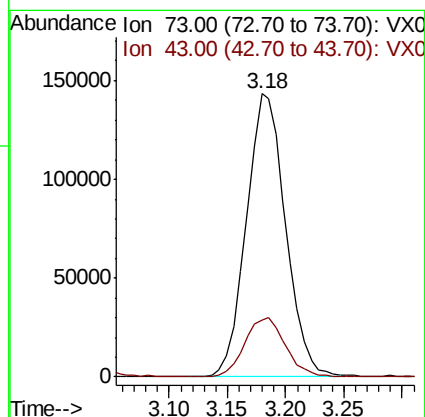
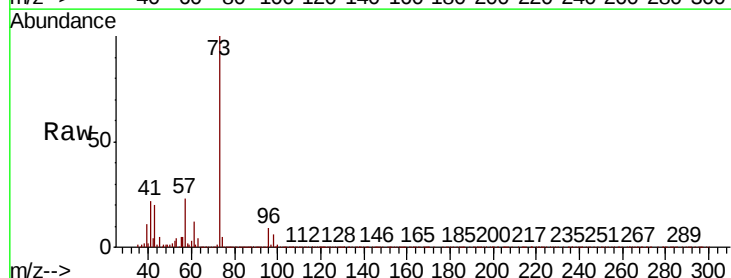
Acq: 18 Dec 2019 00:21

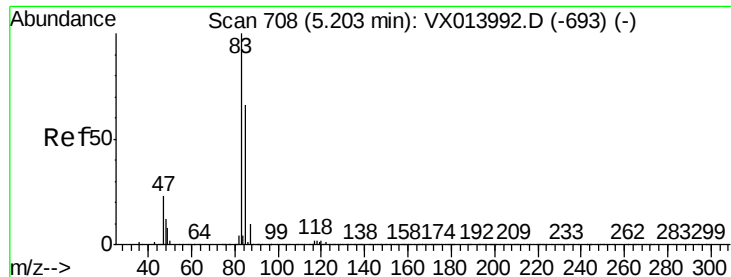
Tgt Ion: 73 Resp: 335475

Ion Ratio Lower Upper

73 100

43 21.0 16.6 25.0





#25

Chloroform

Concen: 19.190 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

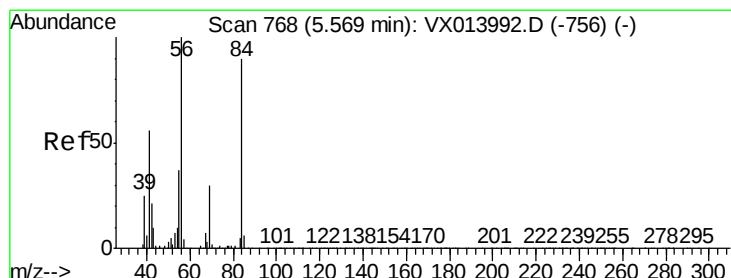
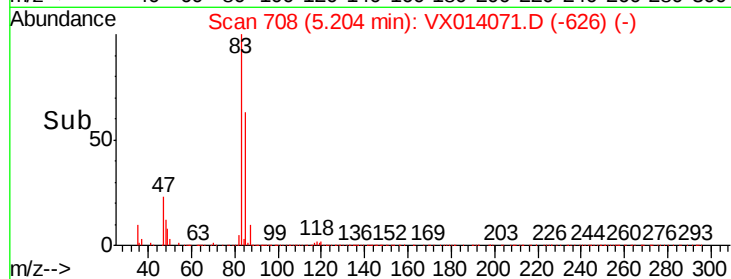
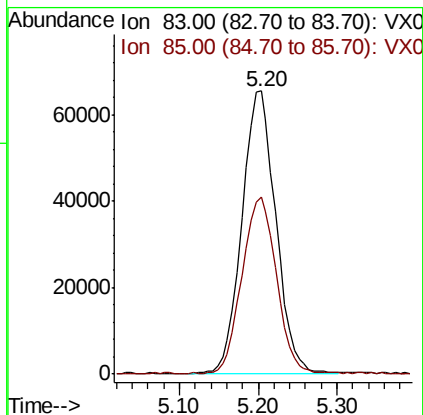
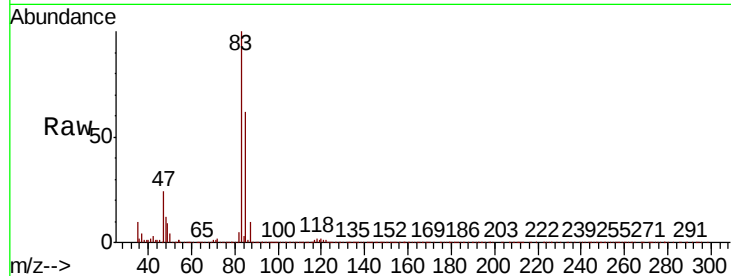
VX1217WBS02

Tot Ion: 83 Resp: 196620

Ion Ratio Lower Upper

83 100

85 61.9 52.7 79.1



#26

Cyclohexane

Concen: 18.172 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

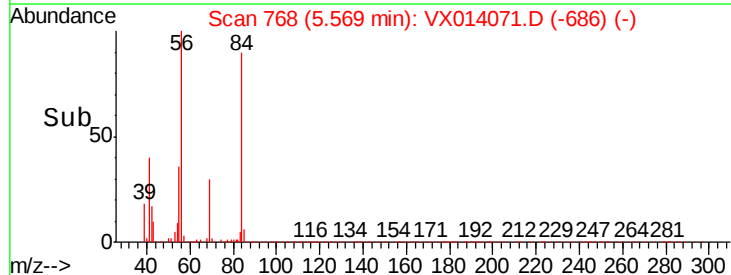
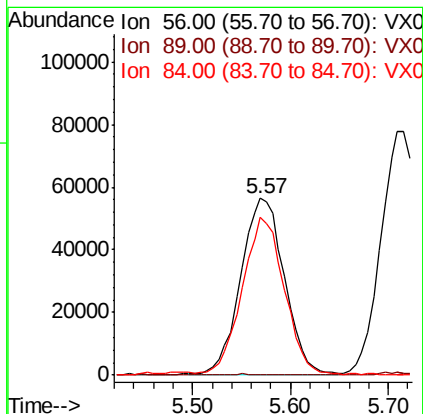
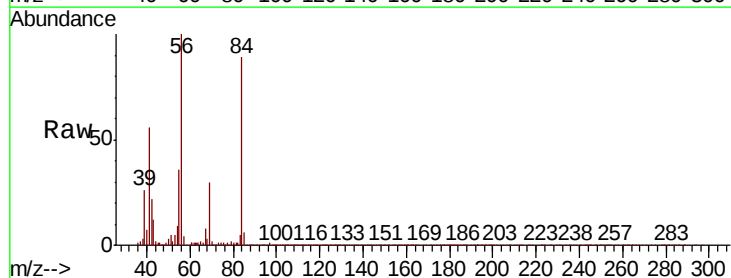
Tgt Ion: 56 Resp: 174137

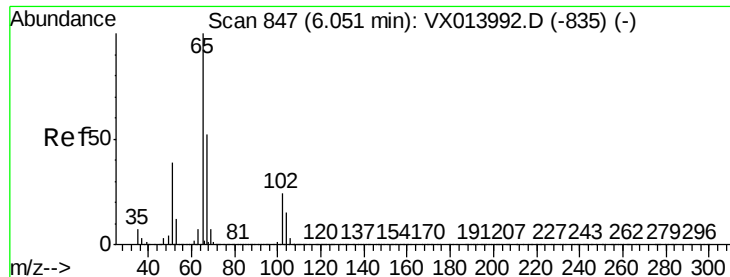
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 86.0 70.8 106.2

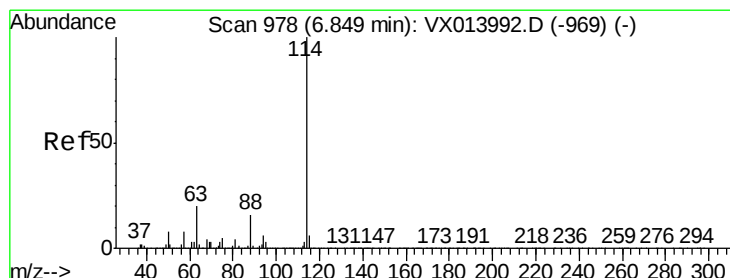
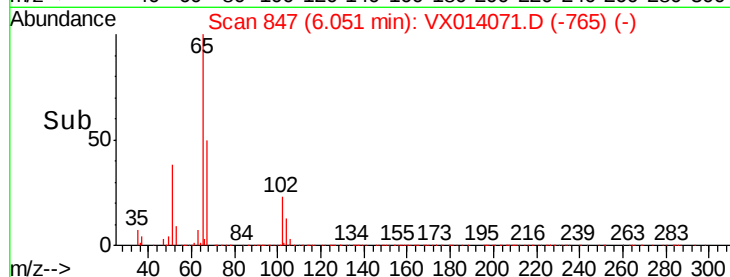
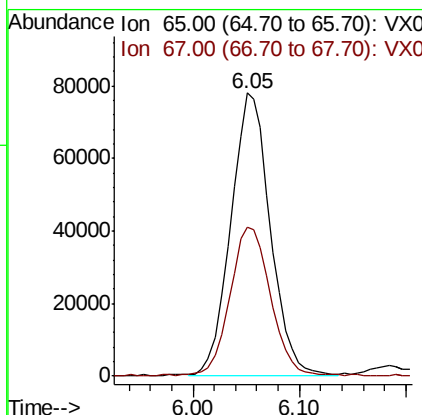
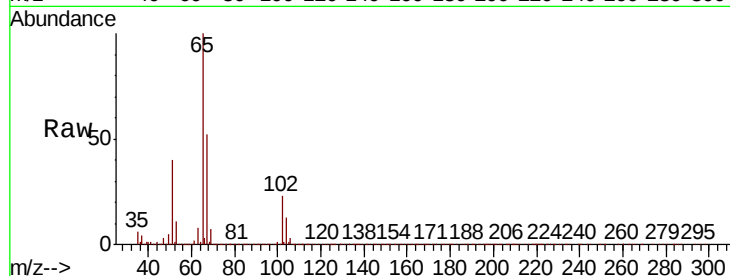




#27
 1,2-Dichloroethane-d4
 Concen: 29.365 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

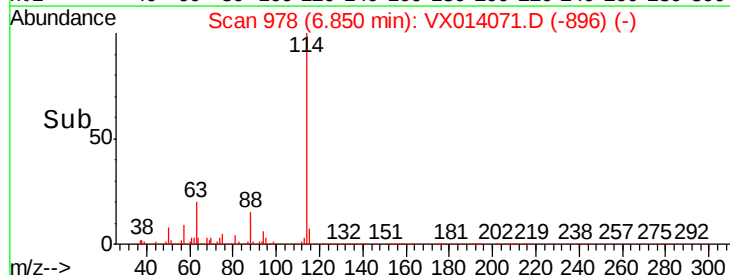
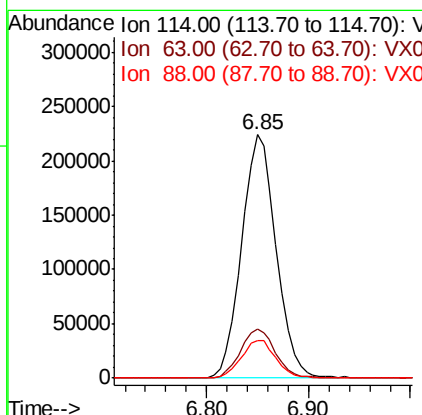
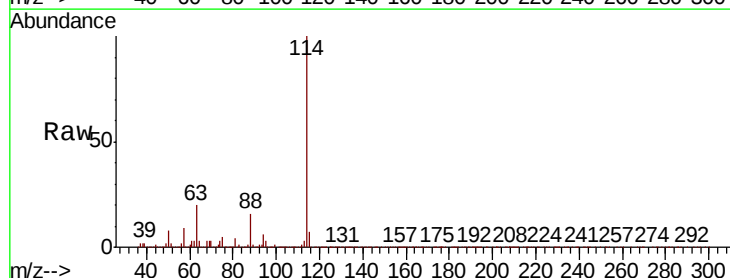
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

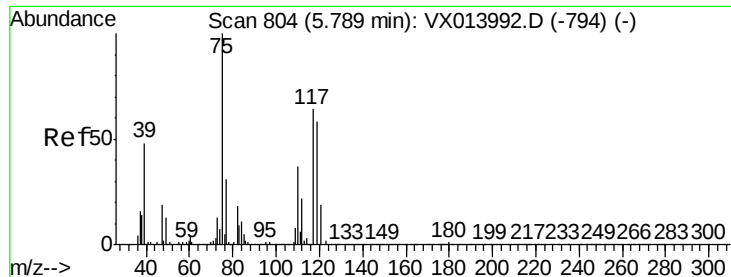
Tot Ion: 65 Resp: 201683
 Ion Ratio Lower Upper
 65 100
 67 53.7 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion: 114 Resp: 525315
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.1 24.1
 88 15.7 12.5 18.7





#29

1,1-Dichloropropene

Concen: 18.997 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

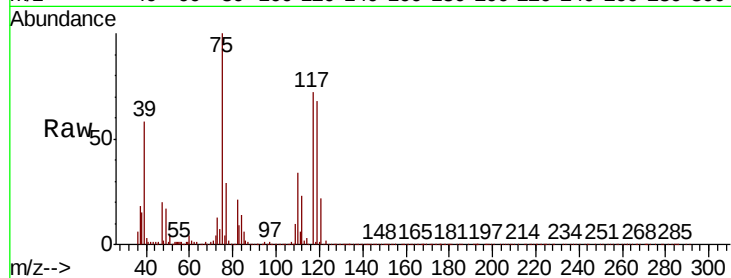
Tot Ion: 75 Resp: 144146

Ion Ratio Lower Upper

75 100

110 36.5 0.0 73.8

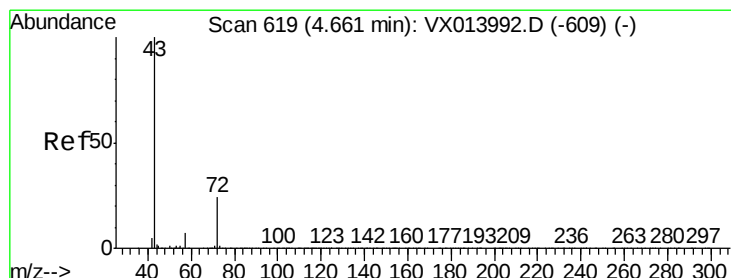
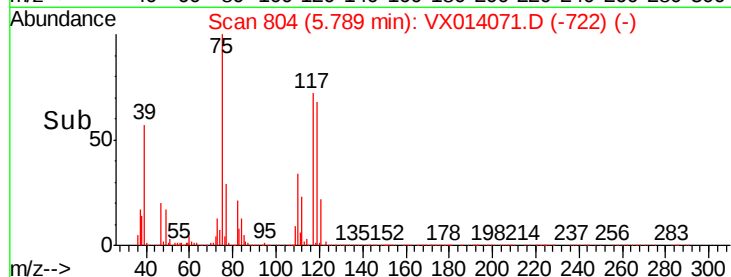
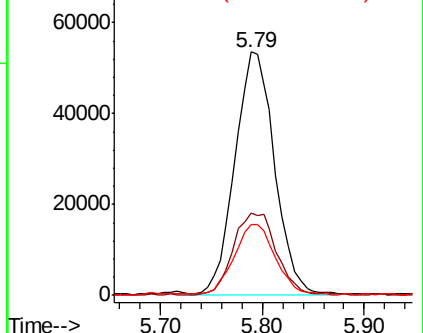
77 29.9 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 122.959 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

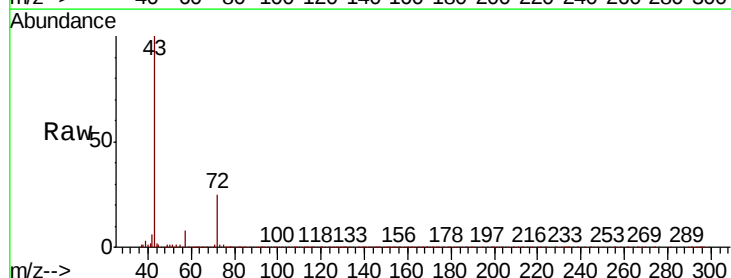
Tgt Ion: 43 Resp: 549938

Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.2

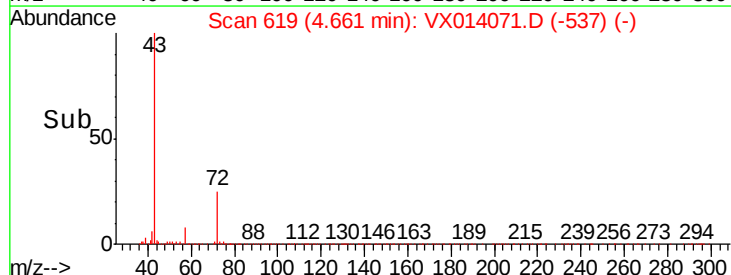
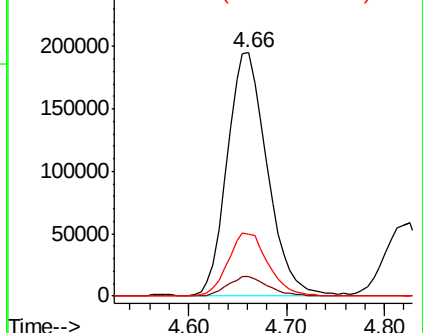
72 25.7 20.3 30.5

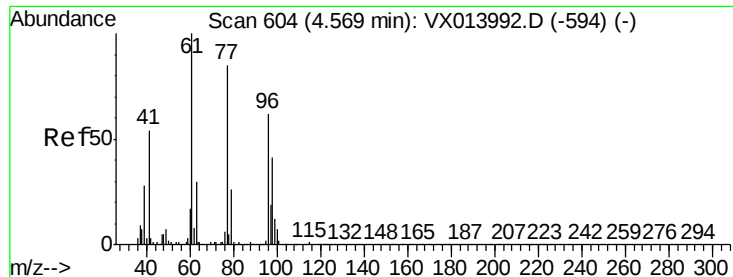


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 17.840 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

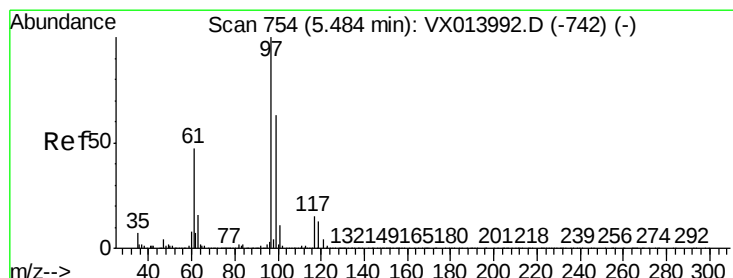
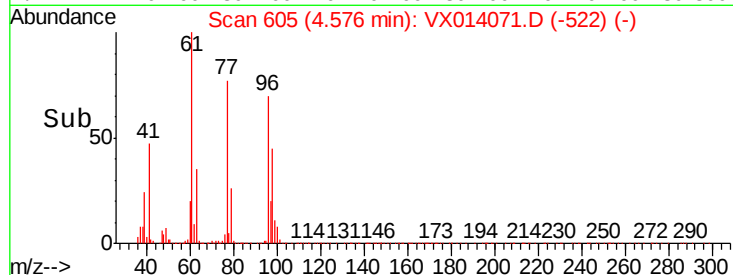
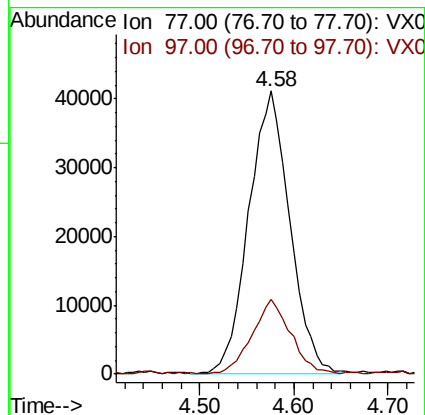
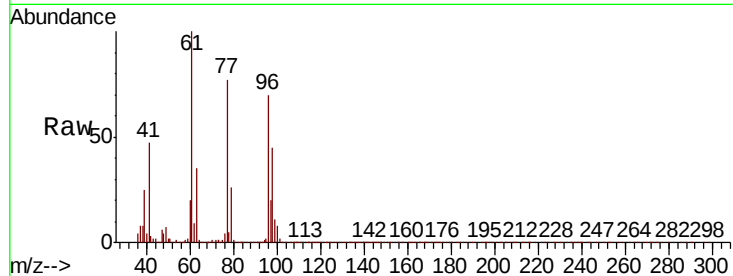
VX1217WBS02

Tot Ion: 77 Resp: 125223

Ion Ratio Lower Upper

77 100

97 24.9 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 18.915 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

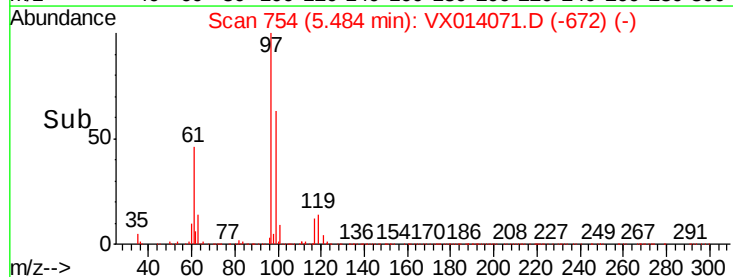
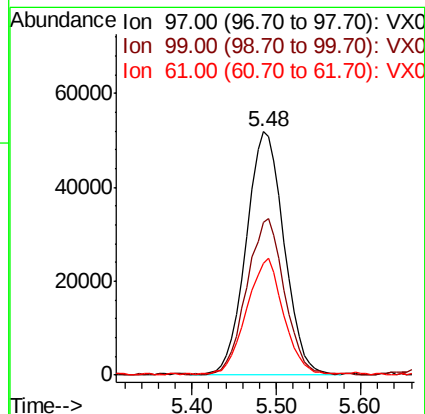
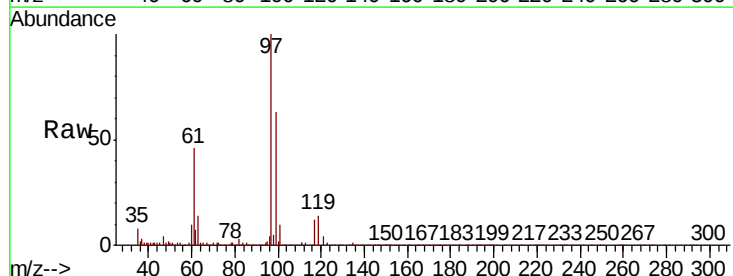
Tgt Ion: 97 Resp: 158755

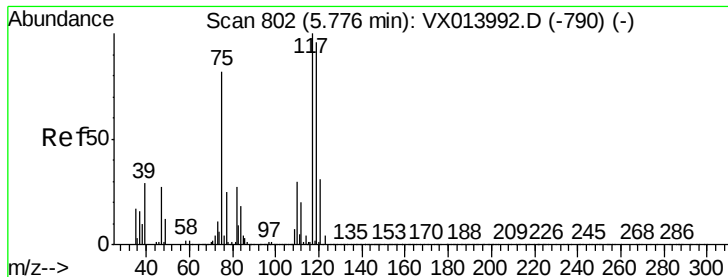
Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 45.5 36.8 55.2

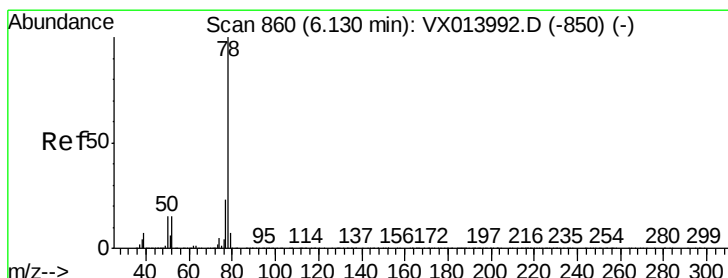
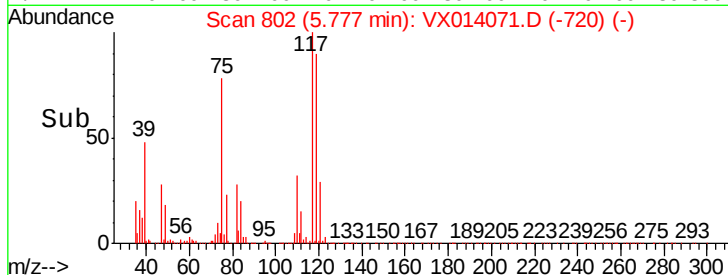
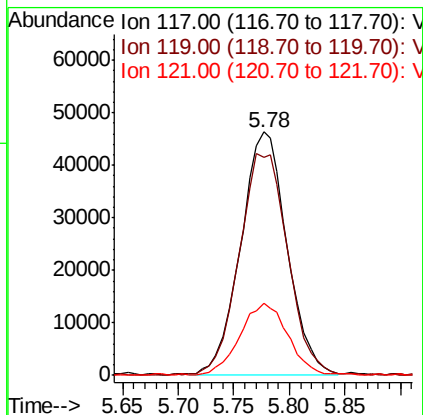
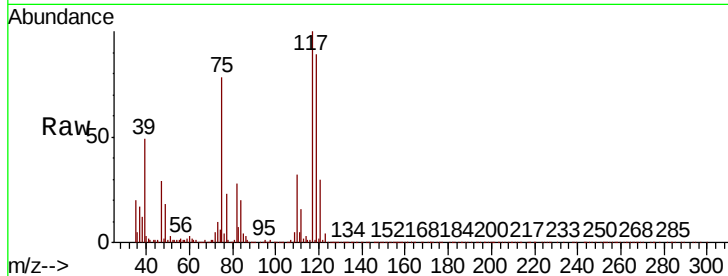




#33
Carbon Tetrachloride
Concen: 18.792 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

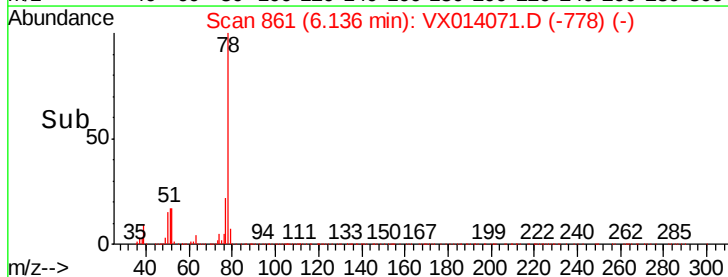
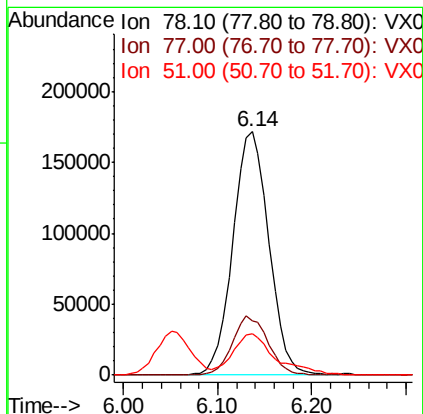
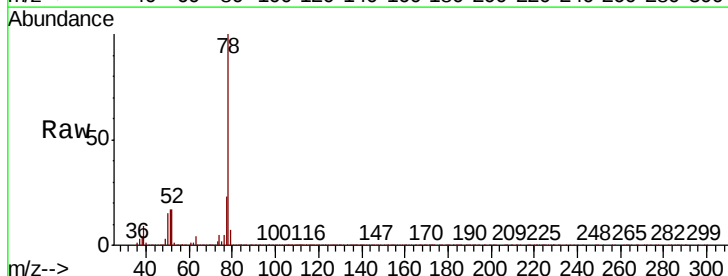
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

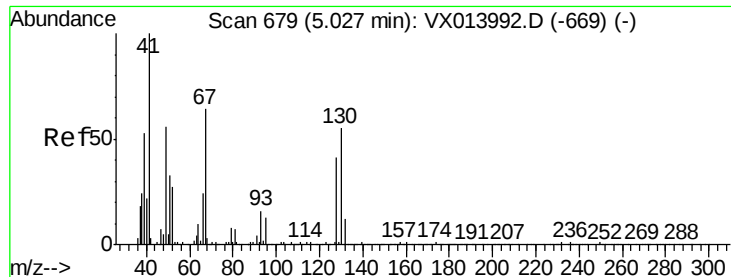
Tot Ion:117 Resp: 134072
Ion Ratio Lower Upper
117 100
119 89.3 77.2 115.8
121 29.2 24.8 37.2



#34
Benzene
Concen: 19.288 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 78 Resp: 456355
Ion Ratio Lower Upper
78 100
77 22.3 18.2 27.2
51 16.3 12.4 18.6

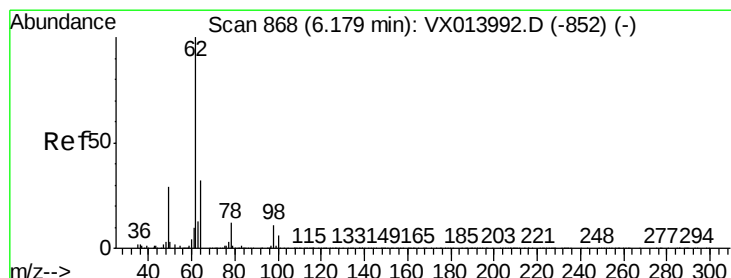
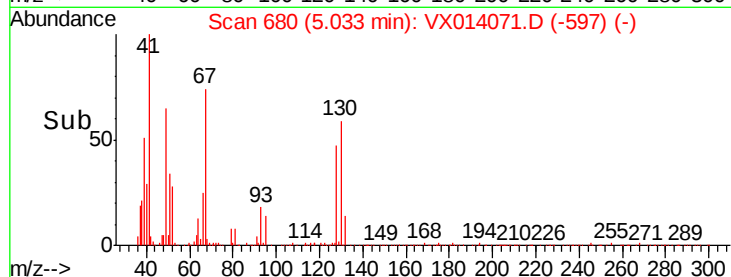
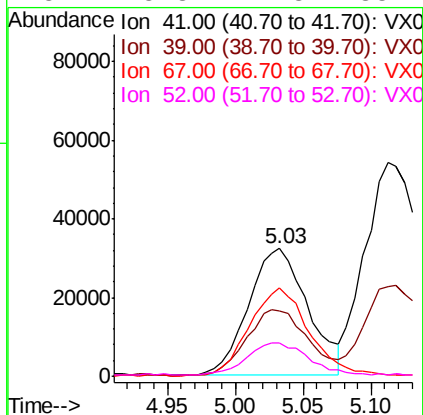
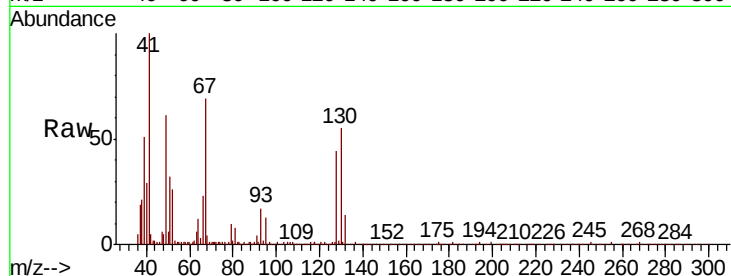




#35
Methacrylonitrile
Concen: 20.356 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

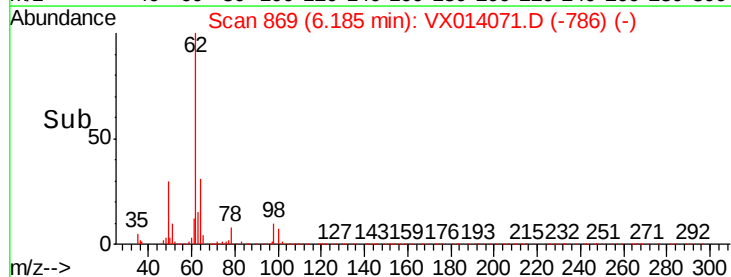
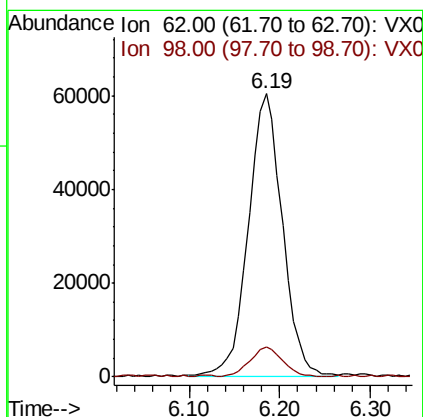
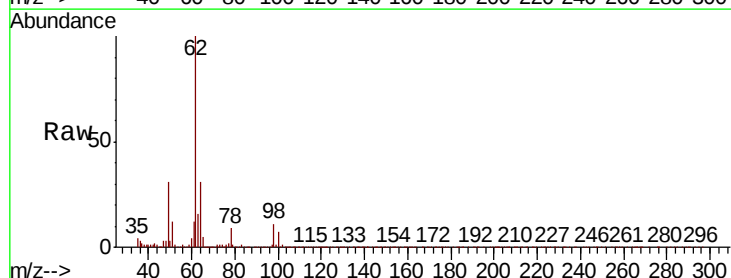
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

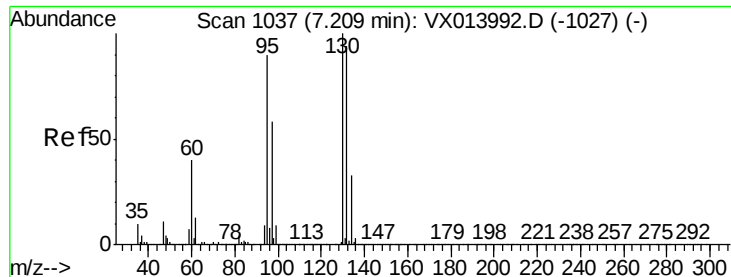
Tot Ion:	41	Resp:	97918
Ion	Ratio	Lower	Upper
41	100		
39	50.1	26.7	80.1
67	68.5	31.5	94.5
52	25.3	12.8	38.4



#36
1,2-Dichloroethane
Concen: 19.032 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion:	62	Resp:	156424
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.4	12.6





#37

Trichloroethene

Concen: 20.398 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

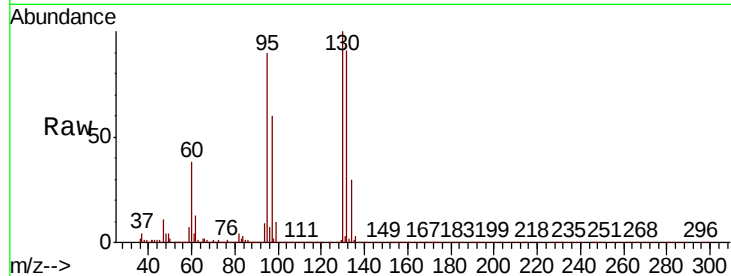
VX1217WBS02

Tot Ion:130 Resp: 131327

Ion Ratio Lower Upper

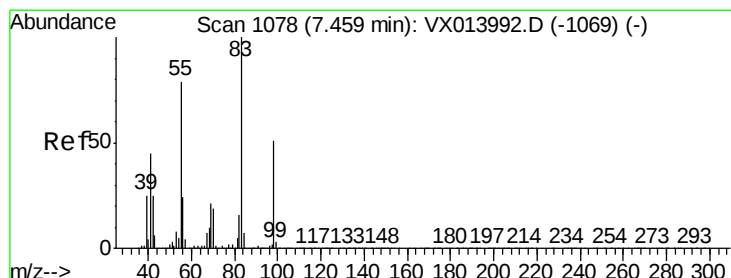
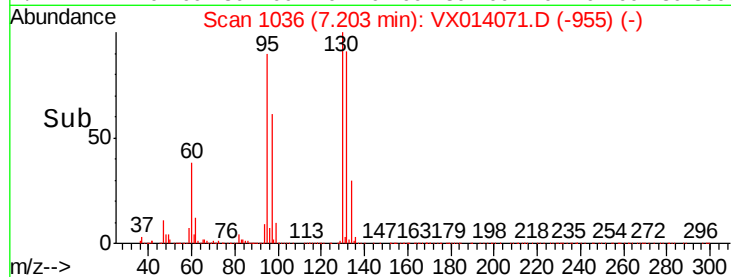
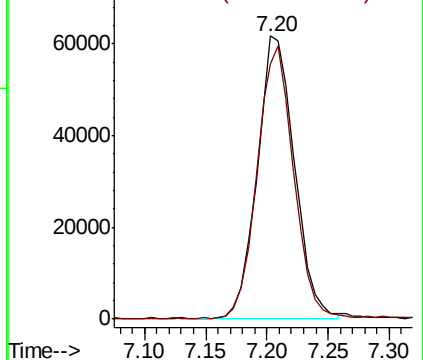
130 100

95 90.1 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.659 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

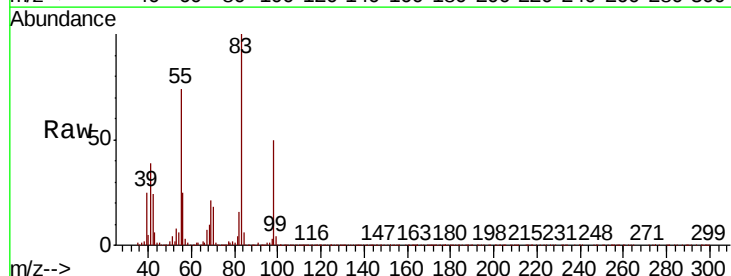
Tgt Ion: 83 Resp: 168888

Ion Ratio Lower Upper

83 100

55 74.7 39.4 118.1

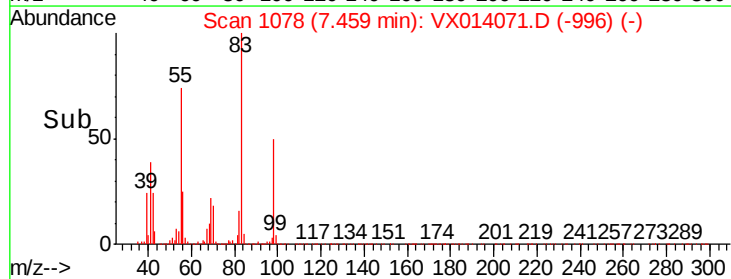
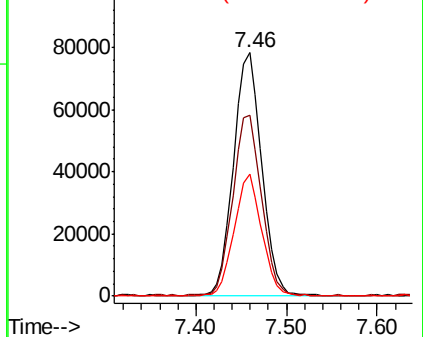
98 48.6 25.1 75.3

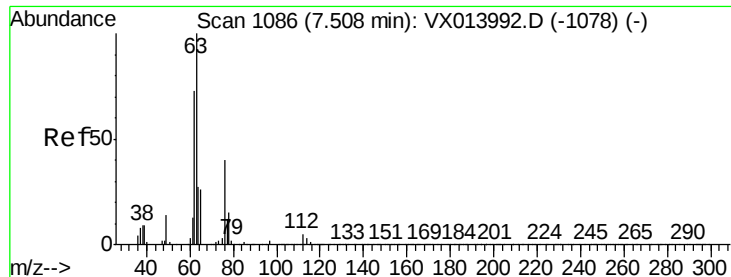


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

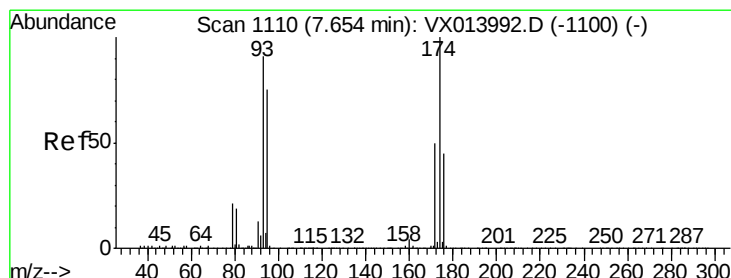
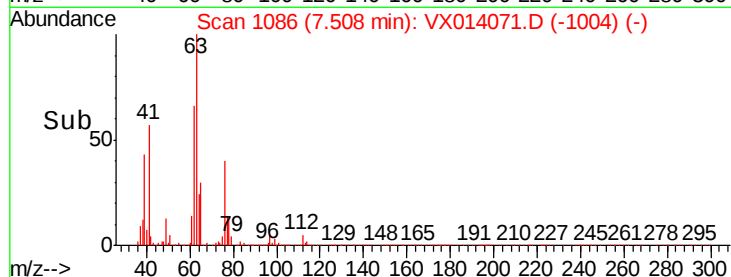
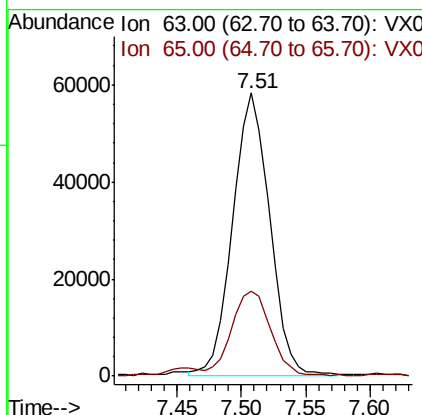
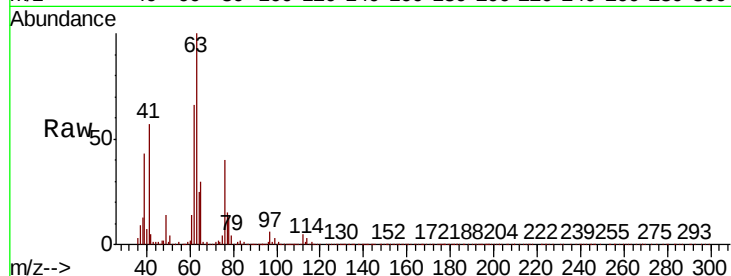




#39
 1,2-Dichloropropane
 Concen: 18.919 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

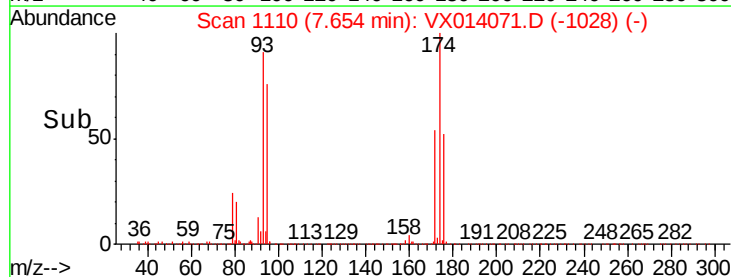
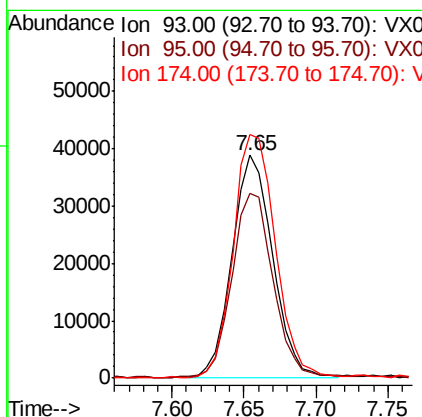
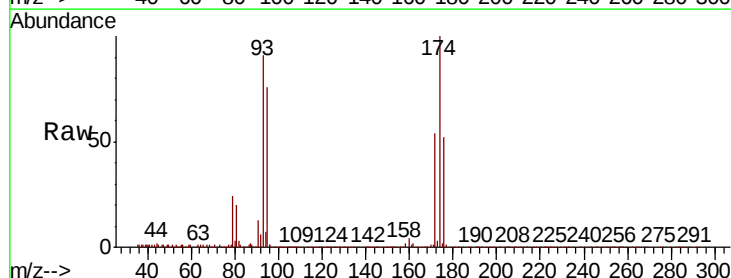
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

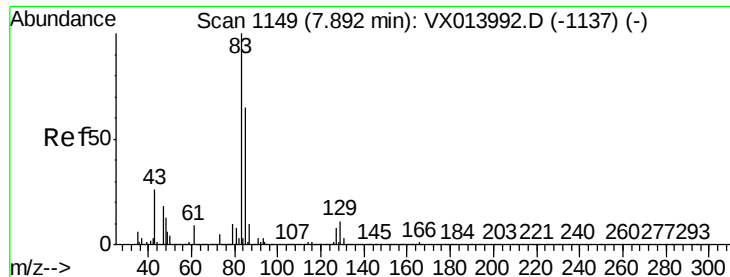
Tot Ion: 63 Resp: 116261
 Ion Ratio Lower Upper
 63 100
 65 29.9 22.1 33.1



#40
 Dibromomethane
 Concen: 19.527 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion: 93 Resp: 76658
 Ion Ratio Lower Upper
 93 100
 95 83.4 0.0 164.4
 174 112.8 0.0 228.8





#41

Bromodichloromethane

Concen: 18.891 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

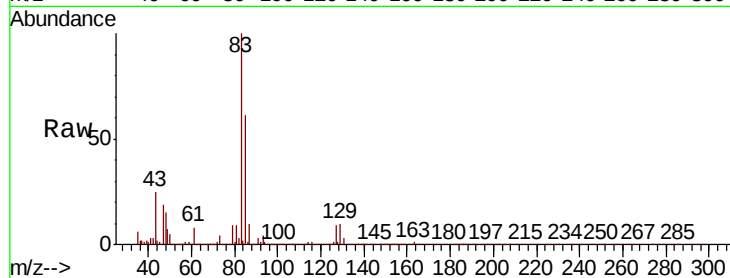
Tot Ion: 83 Resp: 143599

Ion Ratio Lower Upper

83 100

85 60.3 51.6 77.4

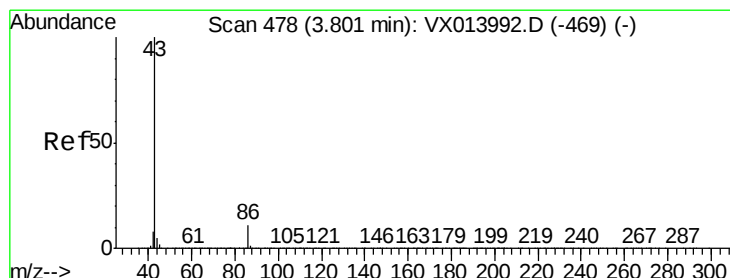
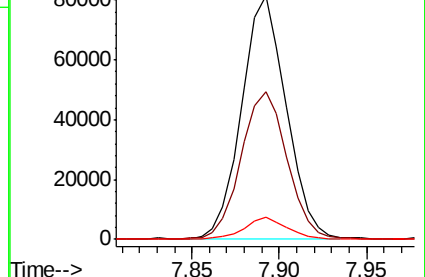
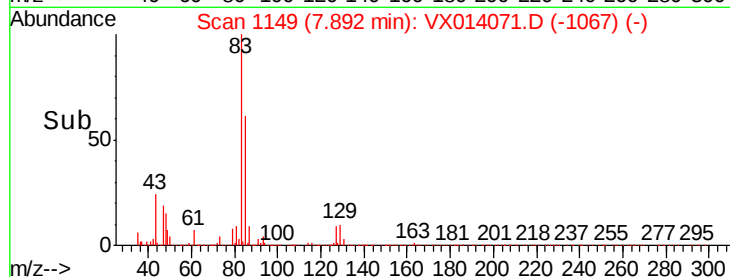
127 9.0 6.0 9.0



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: 55.647 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014071.D

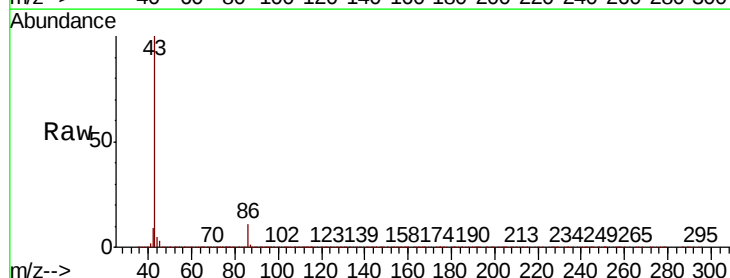
Acq: 18 Dec 2019 00:21

Tgt Ion: 43 Resp: 878703

Ion Ratio Lower Upper

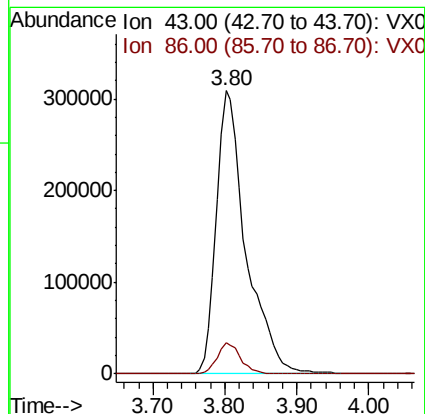
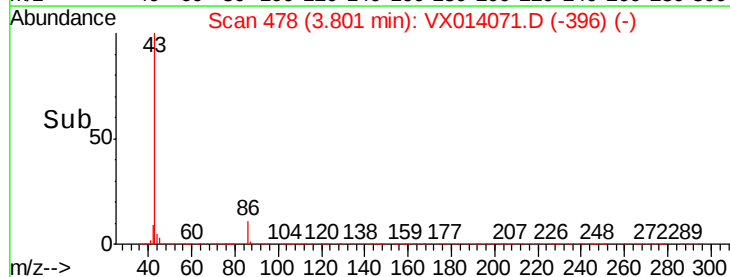
43 100

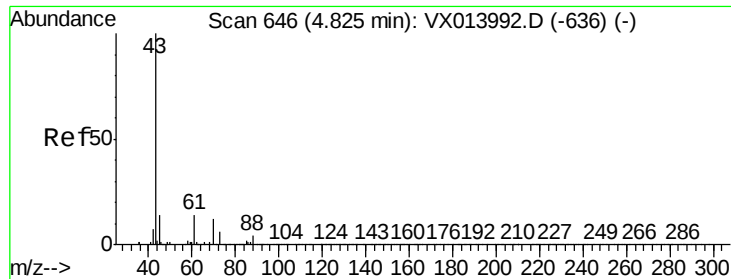
86 8.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

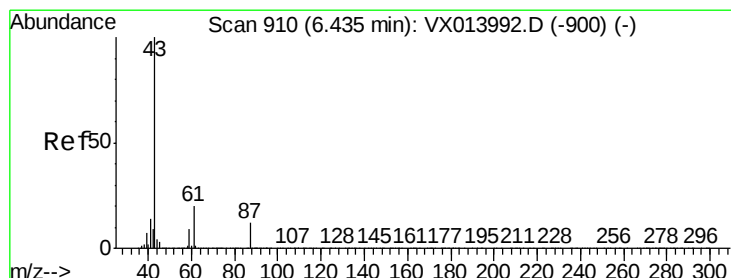
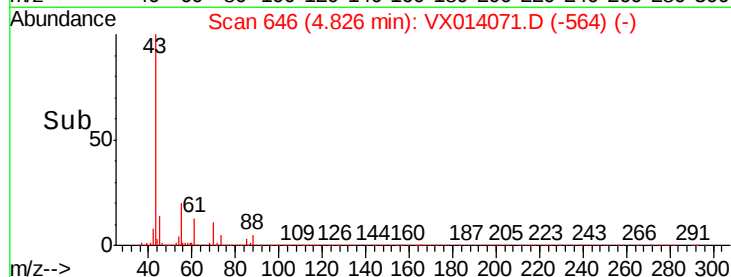
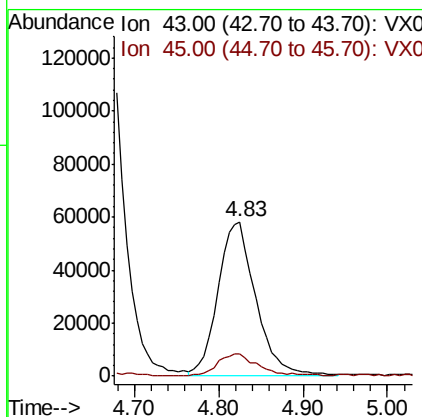
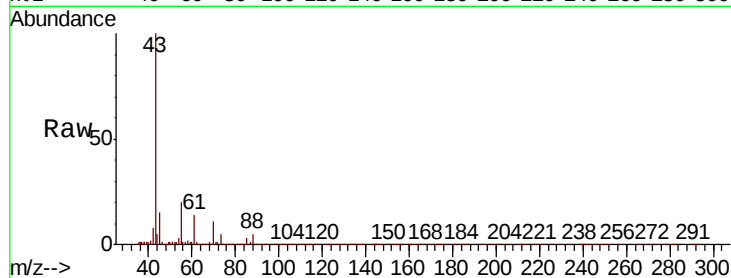




#43
Ethyl Acetate
Concen: 20.517 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

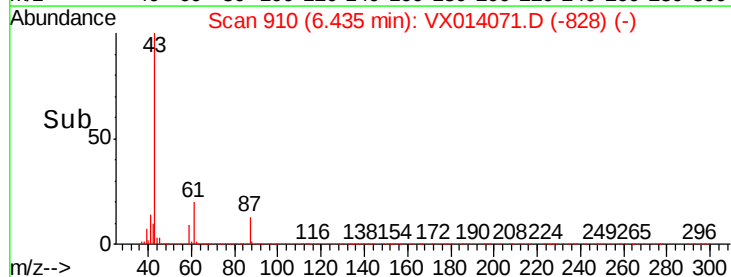
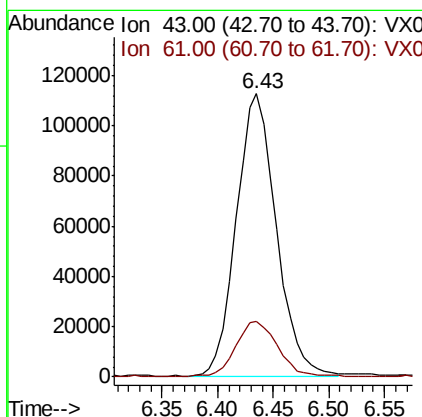
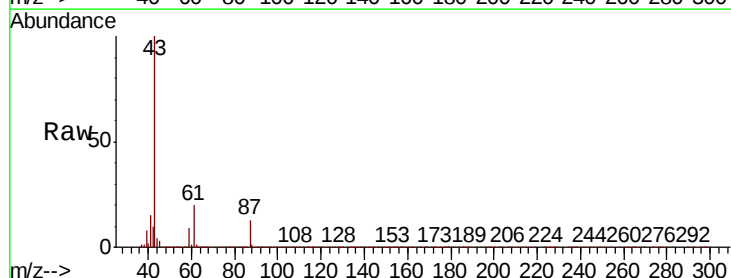
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

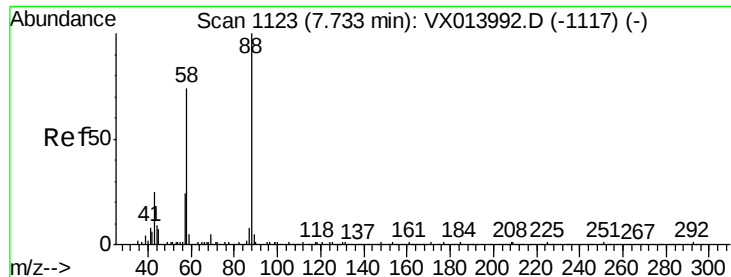
Tot Ion: 43 Resp: 176076
Ion Ratio Lower Upper
43 100
45 14.2 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.440 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 43 Resp: 279424
Ion Ratio Lower Upper
43 100
61 20.4 15.9 23.9





#45

1,4-Dioxane

Concen: 414.920 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

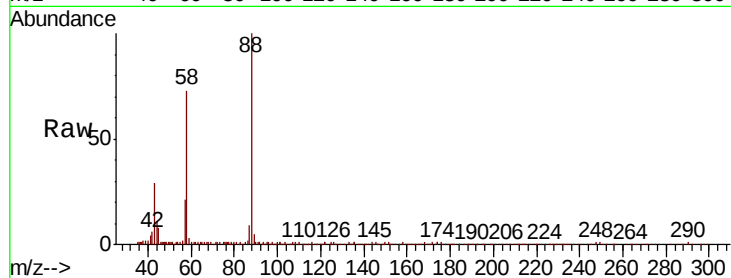
Tot Ion: 88 Resp: 55850

Ion Ratio Lower Upper

88 100

43 30.6 25.4 38.2

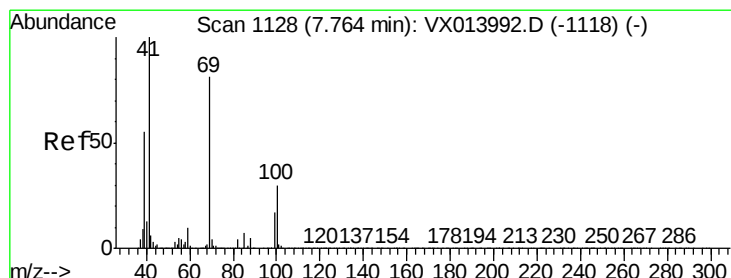
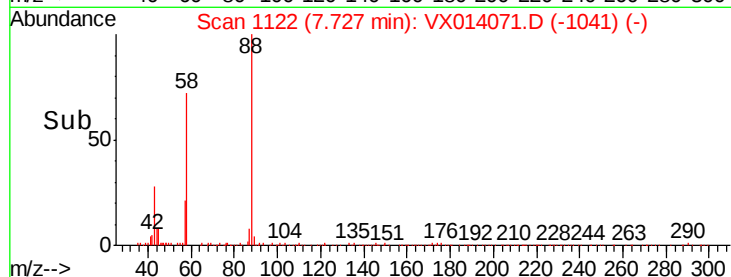
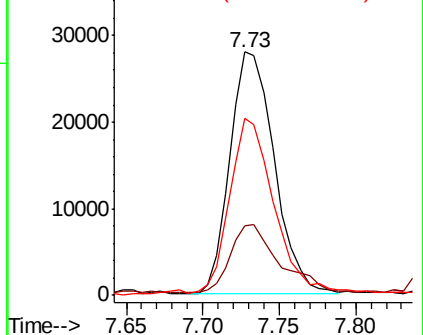
58 72.5 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 19.280 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

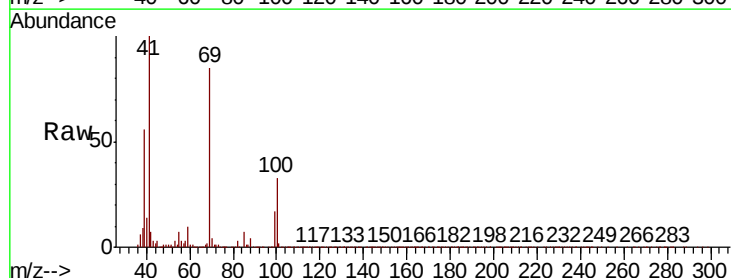
Tgt Ion: 41 Resp: 134606

Ion Ratio Lower Upper

41 100

69 85.7 40.6 122.0

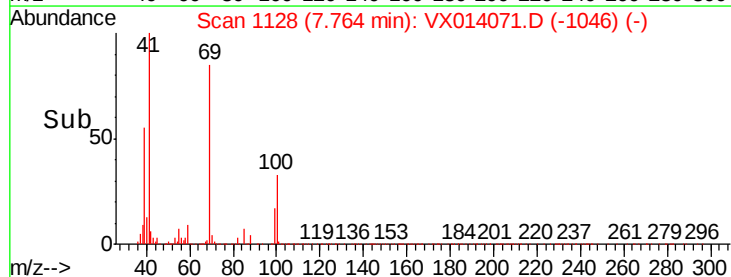
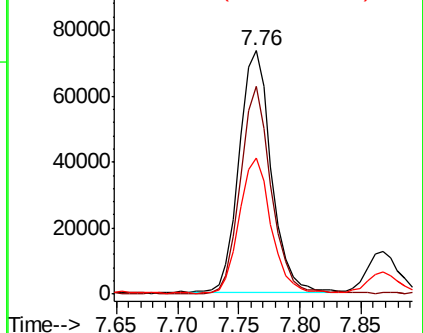
39 55.3 27.8 83.3

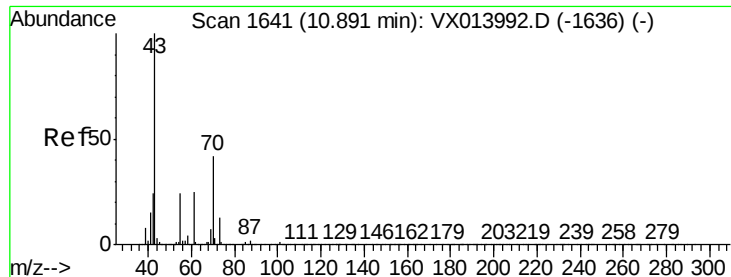


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 17.884 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

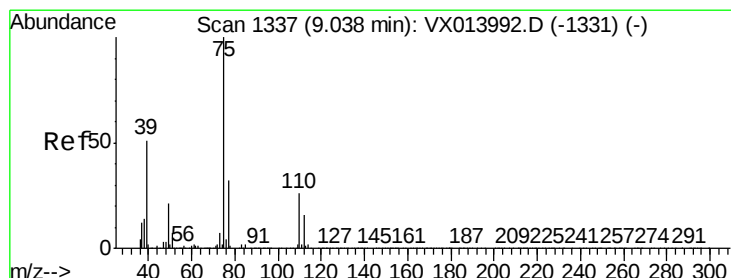
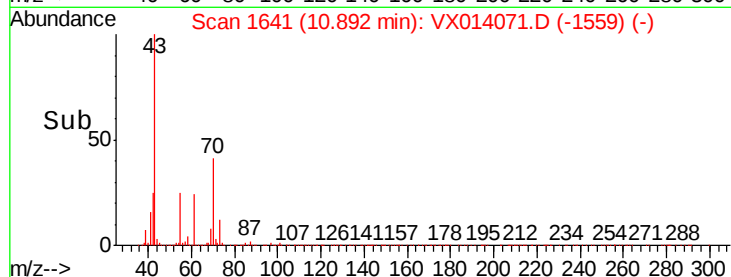
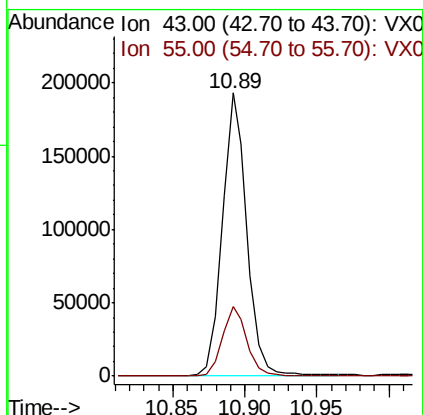
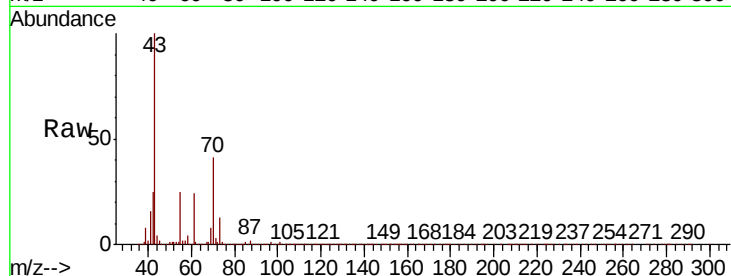
VX1217WBS02

Tot Ion: 43 Resp: 228565

Ion Ratio Lower Upper

43 100

55 24.4 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 18.296 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014071.D

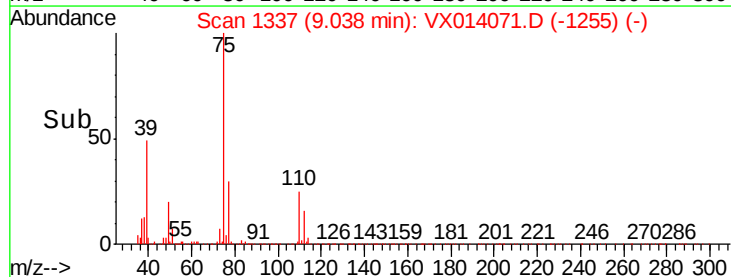
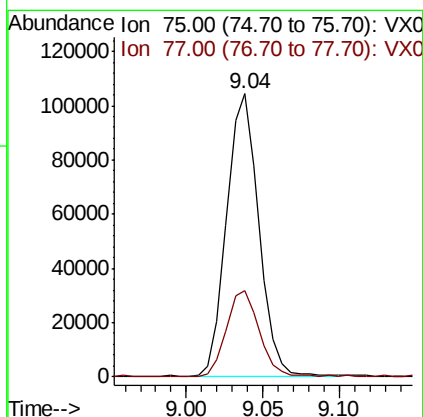
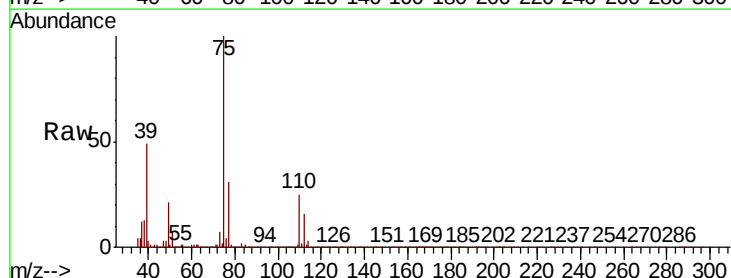
Acq: 18 Dec 2019 00:21

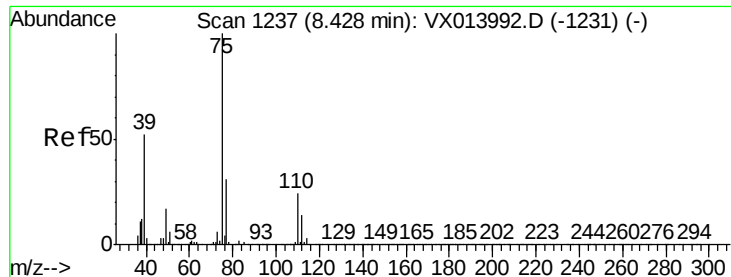
Tgt Ion: 75 Resp: 151791

Ion Ratio Lower Upper

75 100

77 30.3 26.0 39.0



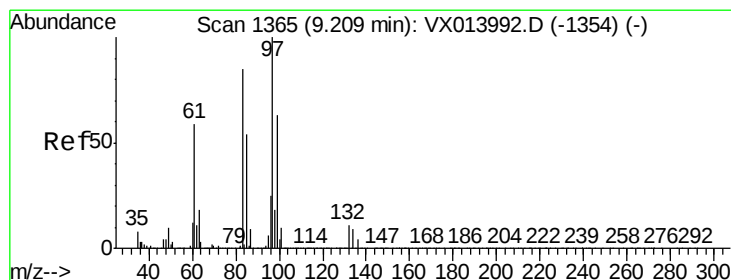
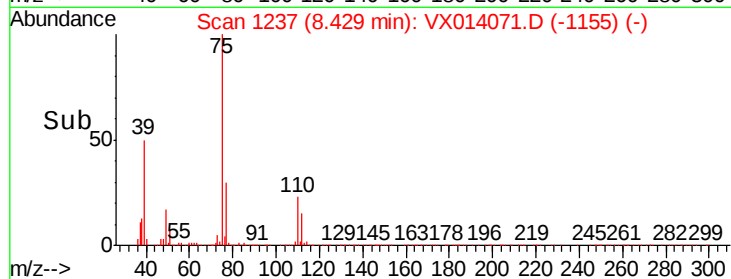
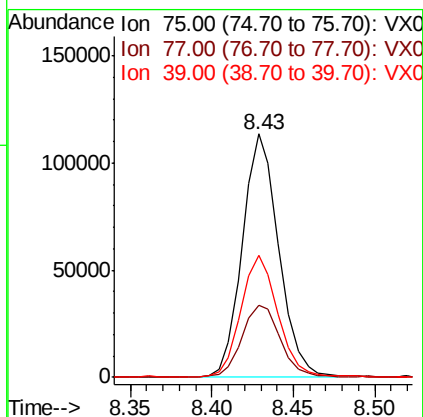
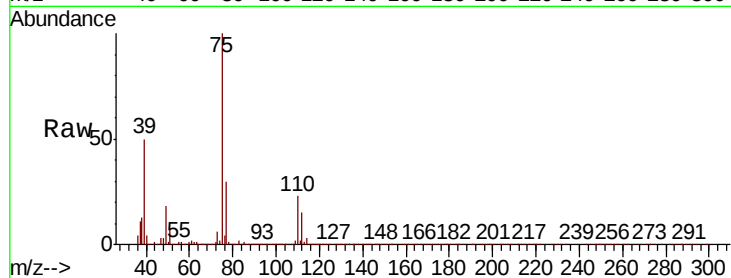


#49

cis-1,3-Dichloropropene
Concen: 18.788 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

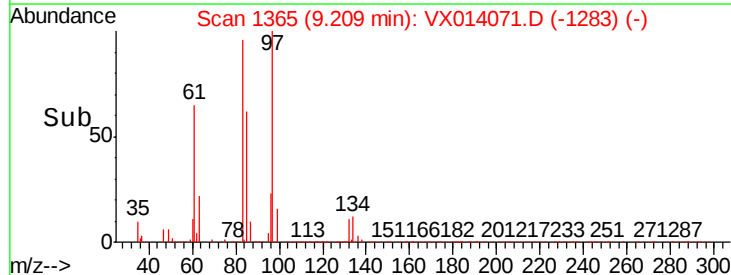
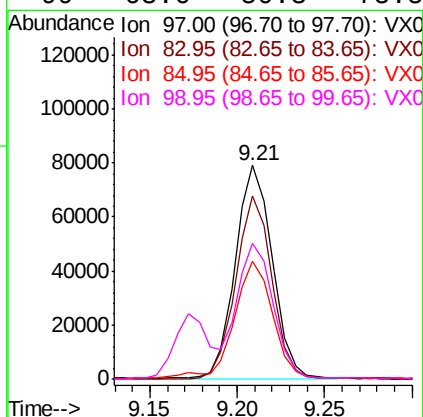
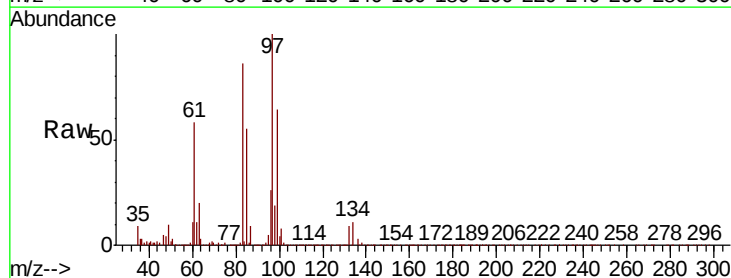
Tot Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.8	37.2
39	50.0	41.1	61.7

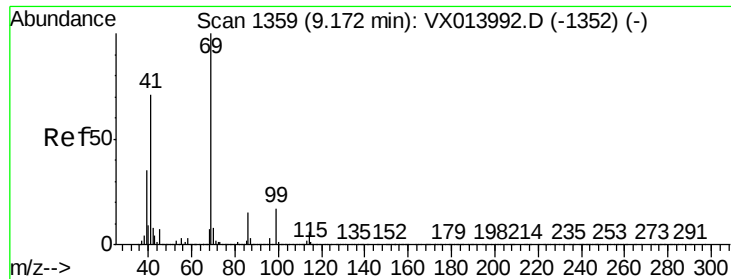


#50

1,1,2-Trichloroethane
Concen: 19.187 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	55.0	42.7	64.1
99	63.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 18.893 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

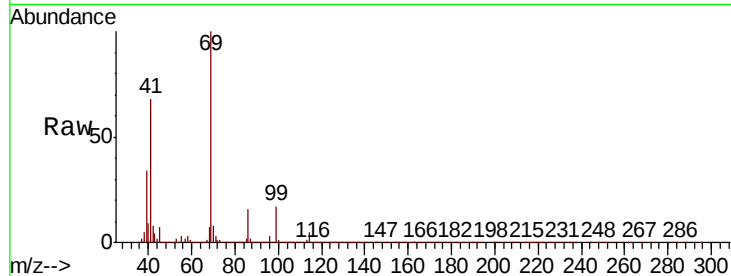
Tot Ion: 69 Resp: 182073

Ion Ratio Lower Upper

69 100

41 67.4 35.4 106.1

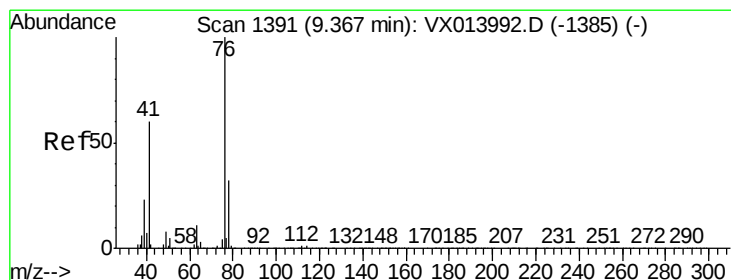
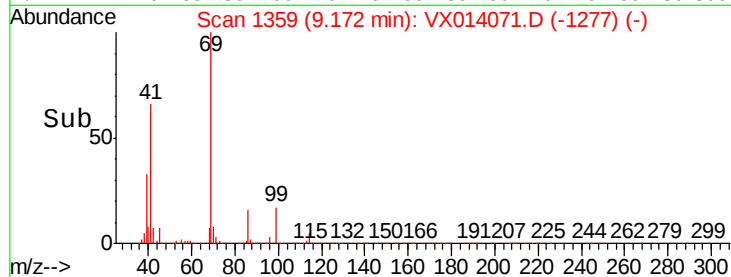
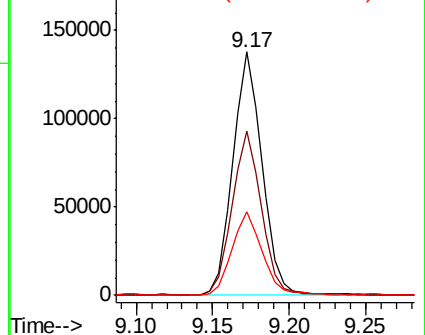
39 34.0 17.8 53.3



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: 19.397 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014071.D

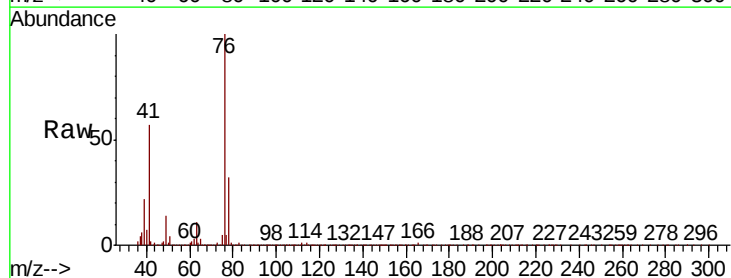
Acq: 18 Dec 2019 00:21

Tgt Ion: 76 Resp: 199658

Ion Ratio Lower Upper

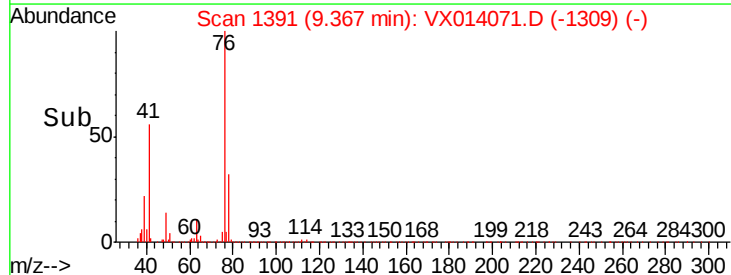
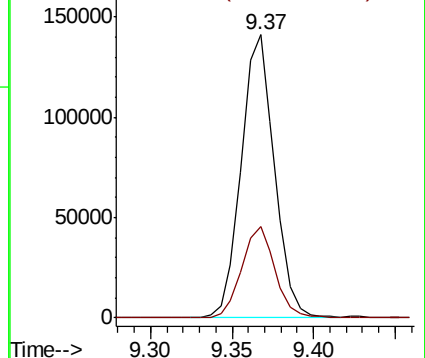
76 100

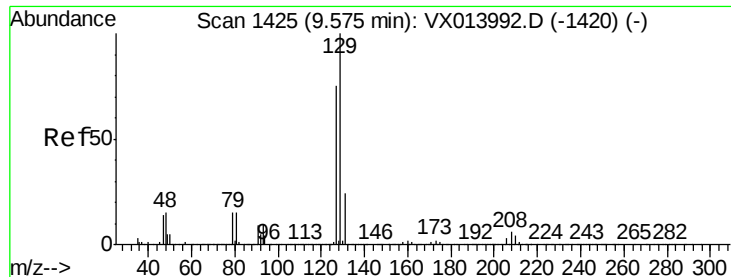
78 31.9 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.843 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

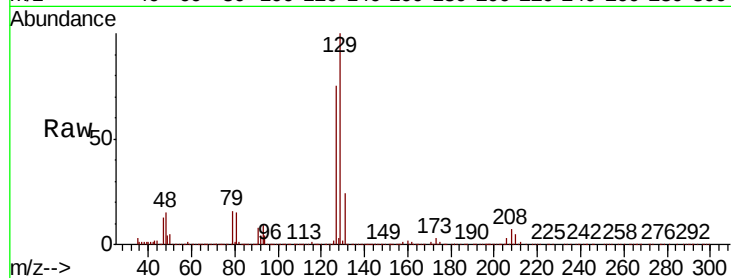
VX1217WBS02

Tot Ion:129 Resp: 114151

Ion Ratio Lower Upper

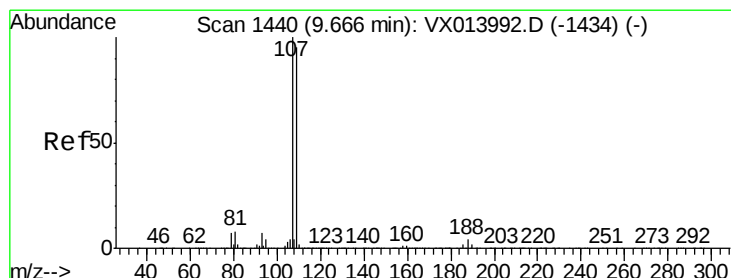
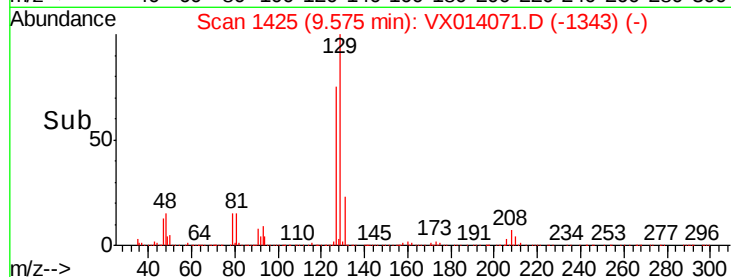
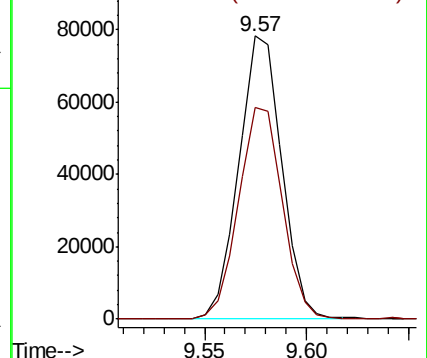
129 100

127 76.7 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.241 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014071.D

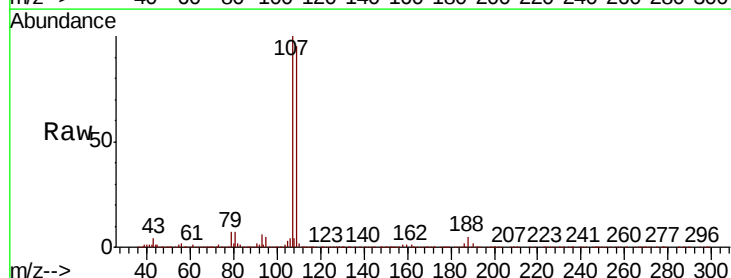
Acq: 18 Dec 2019 00:21

Tgt Ion:107 Resp: 120020

Ion Ratio Lower Upper

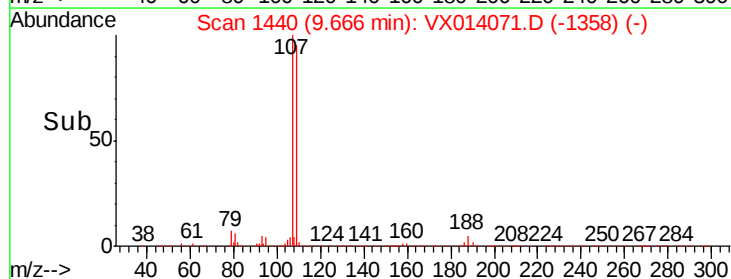
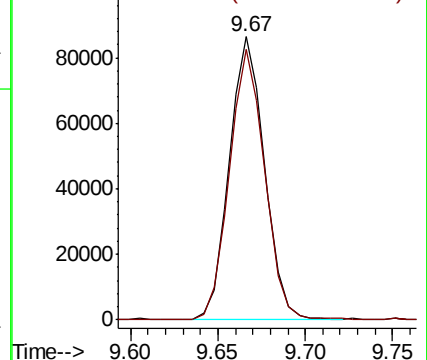
107 100

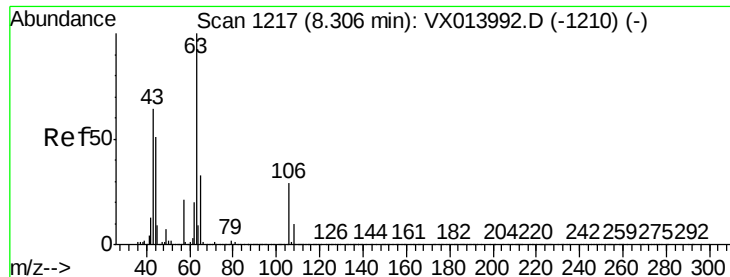
109 95.0 77.2 115.8



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: 92.581 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

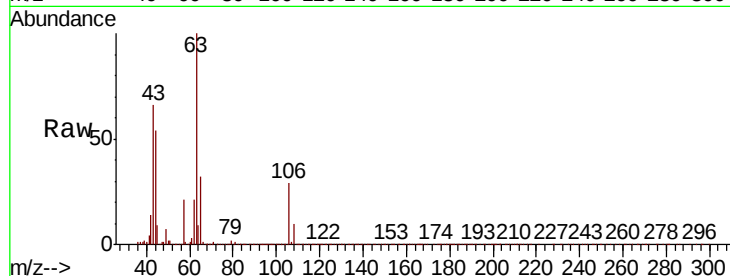
Tot Ion: 63 Resp: 393296

Ion Ratio Lower Upper

63 100

65 32.6 25.8 38.6

106 28.1 22.9 34.3

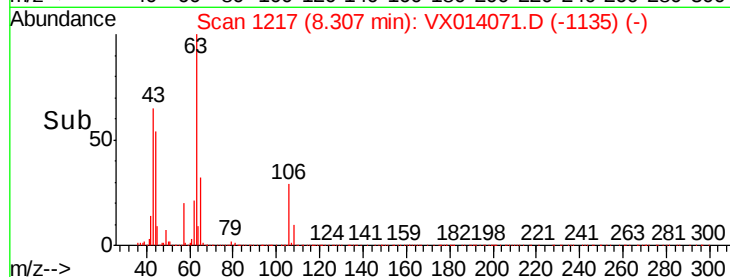


Abundance Ion 63.00 (62.70 to 63.70): VX013992.D (-1210) (-)

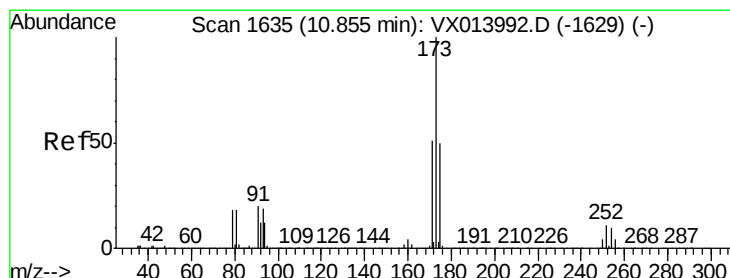
Ion 65.00 (64.70 to 65.70): VX013992.D (-1210) (-)

Ion 106.00 (105.70 to 106.70): VX013992.D (-1210) (-)

8.31



Time-->



#56

Bromoform

Concen: 17.768 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

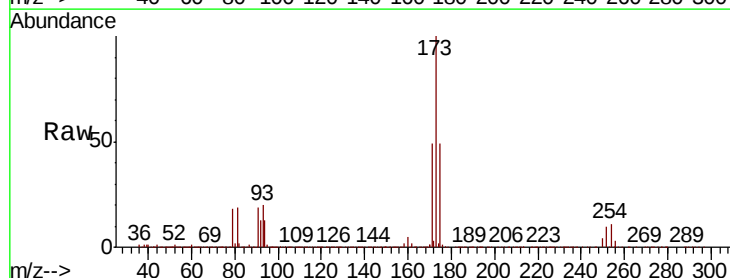
Tgt Ion: 173 Resp: 83939

Ion Ratio Lower Upper

173 100

175 48.7 39.5 59.3

254 11.1 8.2 12.4

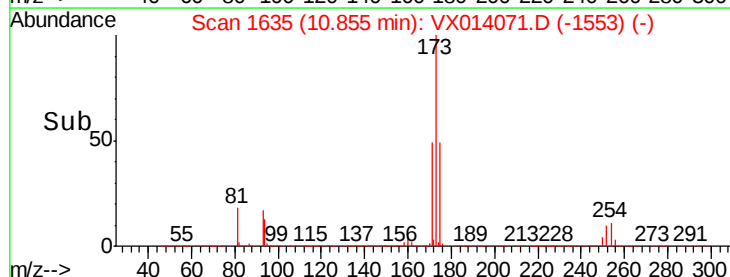


Abundance Ion 173.00 (172.70 to 173.70): VX013992.D (-1629) (-)

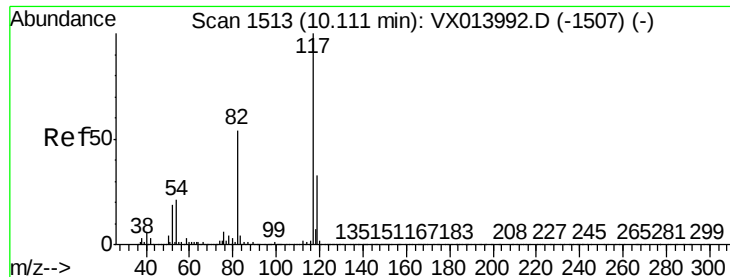
Ion 175.00 (174.70 to 175.70): VX013992.D (-1629) (-)

Ion 254.00 (253.70 to 254.70): VX013992.D (-1629) (-)

10.85



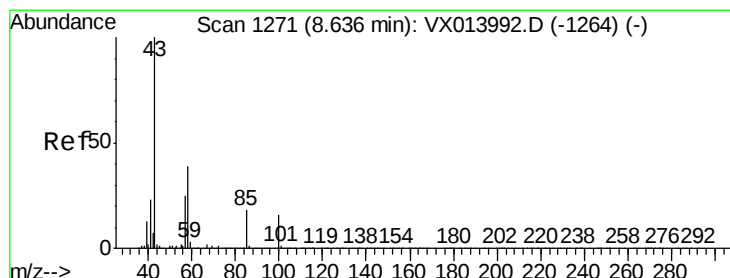
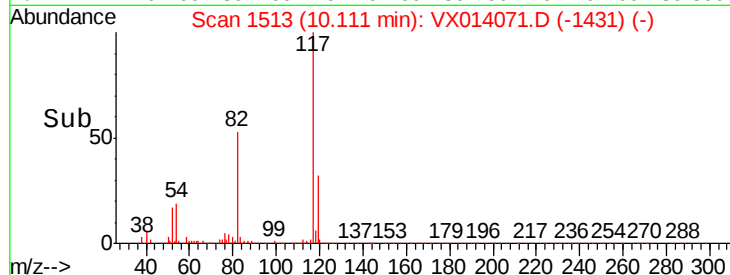
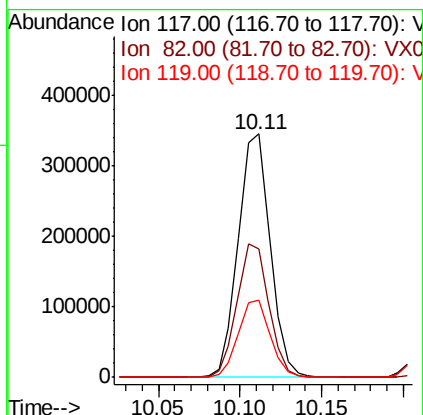
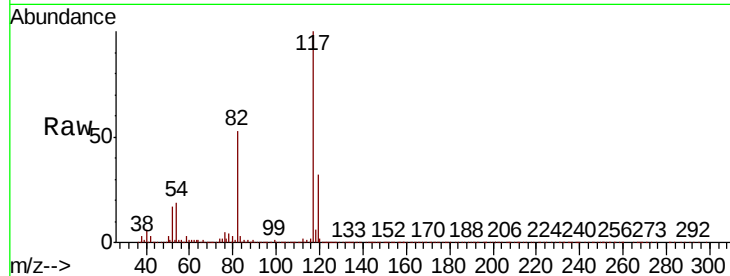
Time-->



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

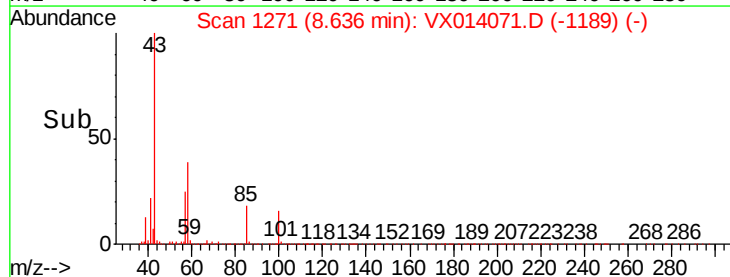
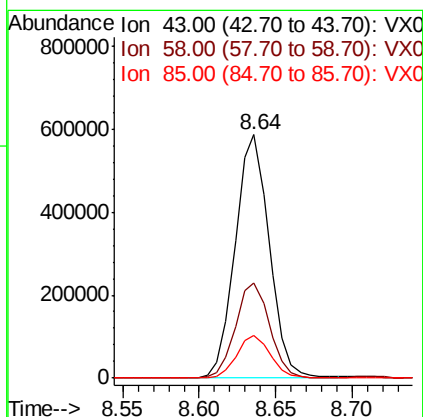
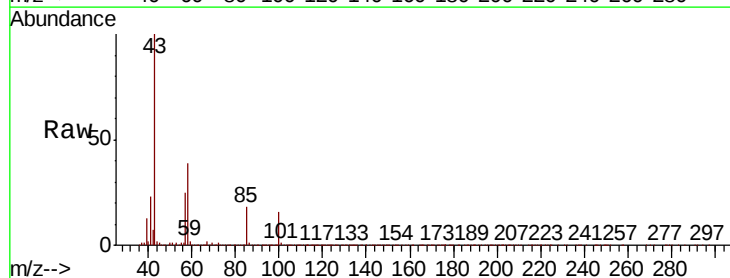
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

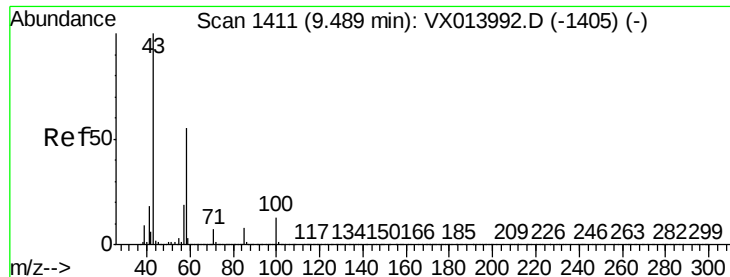
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.8	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 102.035 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.2	46.8
85	17.5	14.2	21.2

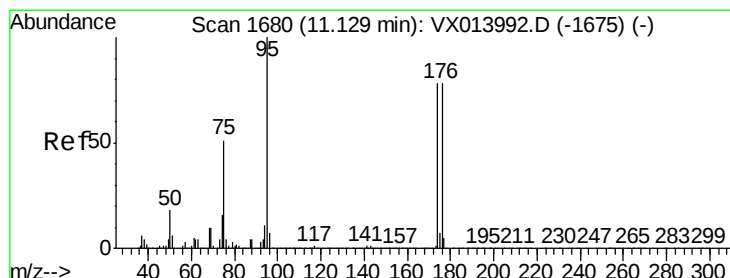
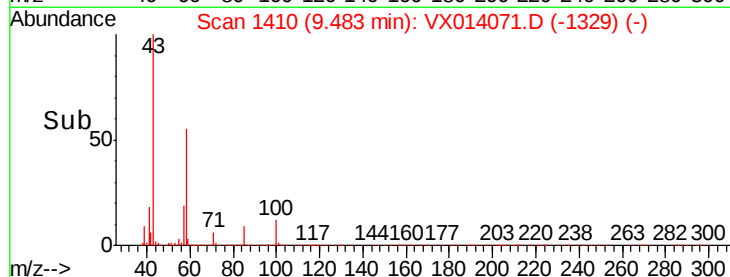
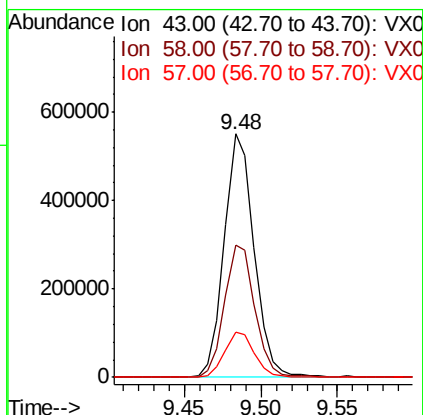
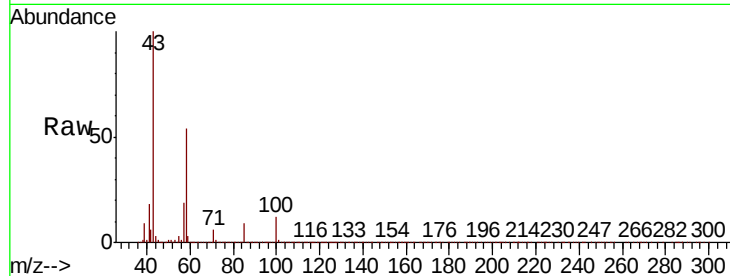




#59
2-Hexanone
Concen: 110.352 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

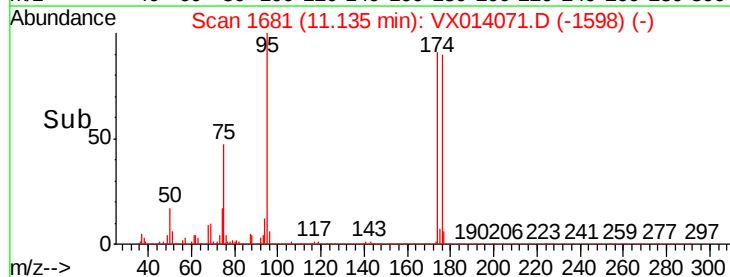
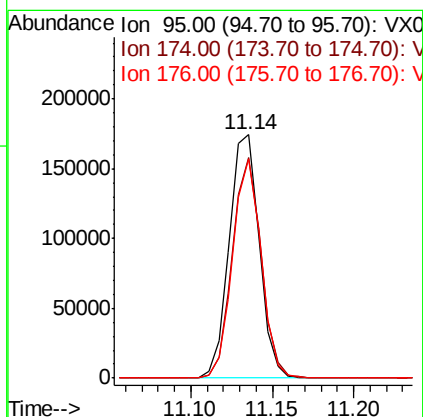
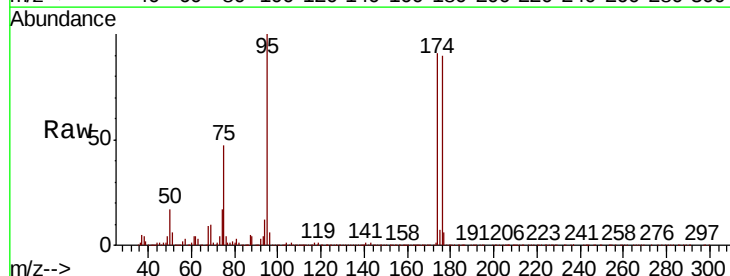
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

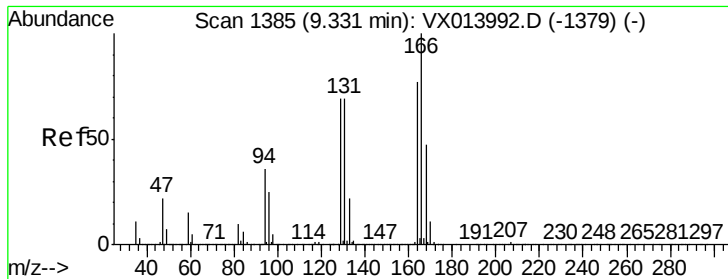
Tot Ion: 43 Resp: 743282
Ion Ratio Lower Upper
43 100
58 55.2 43.8 65.6
57 18.7 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.127 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 95 Resp: 223108
Ion Ratio Lower Upper
95 100
174 87.0 70.2 105.2
176 85.4 68.3 102.5





#61

Tetrachloroethene

Concen: 28.090 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

Tot Ion:164 Resp: 176274

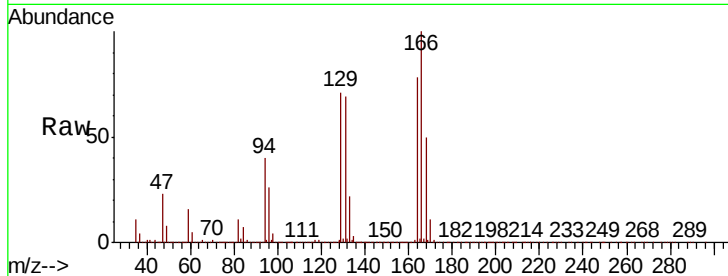
Ion Ratio Lower Upper

164 100

166 127.9 104.2 156.2

129 91.2 71.6 107.4

131 88.1 71.7 107.5

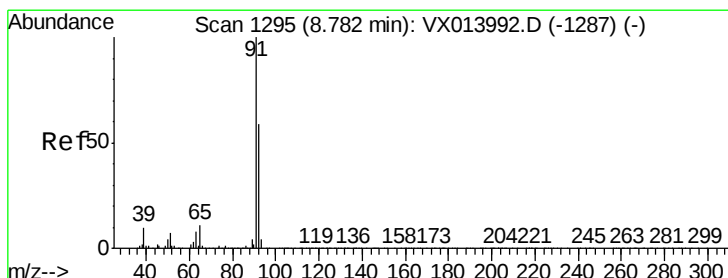
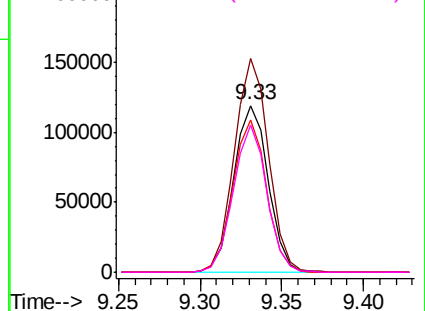
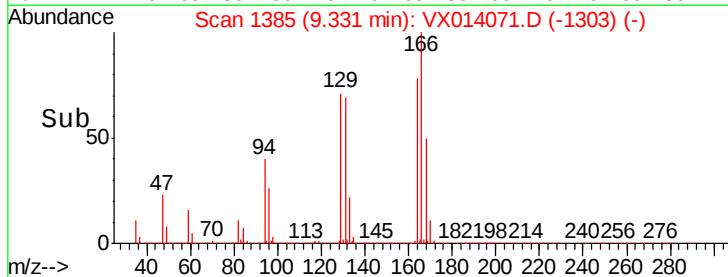


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.078 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014071.D

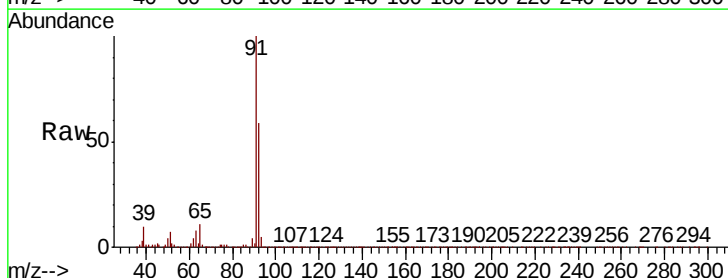
Acq: 18 Dec 2019 00:21

Tgt Ion: 91 Resp: 481330

Ion Ratio Lower Upper

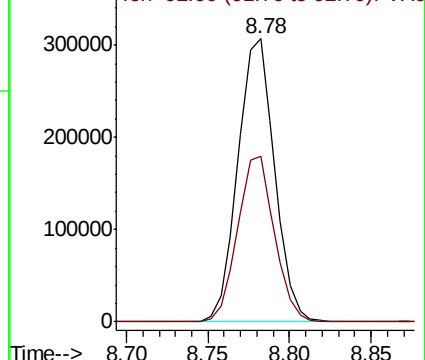
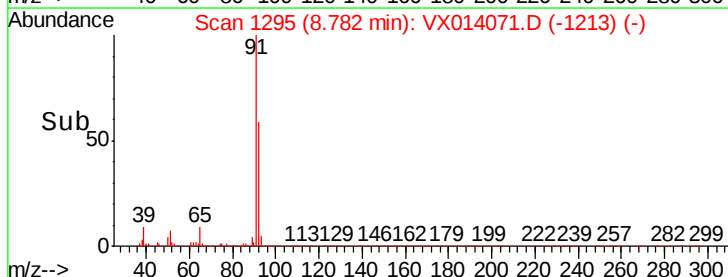
91 100

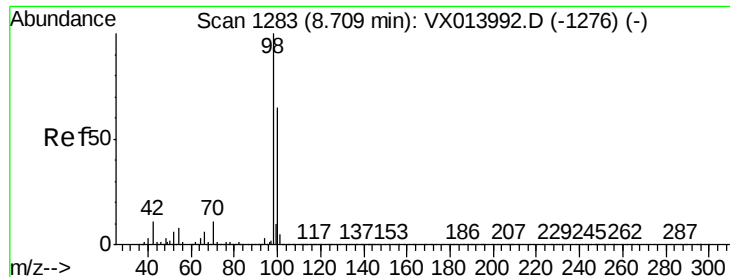
92 58.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.580 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

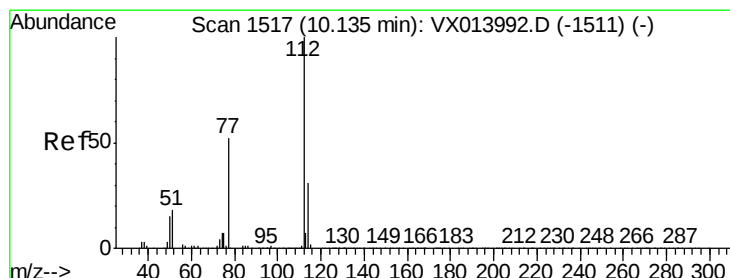
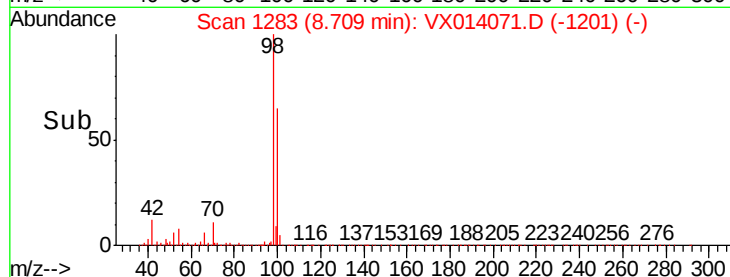
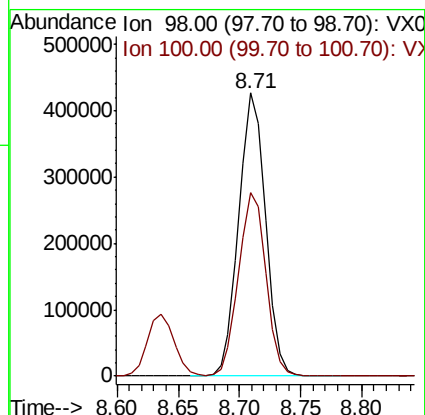
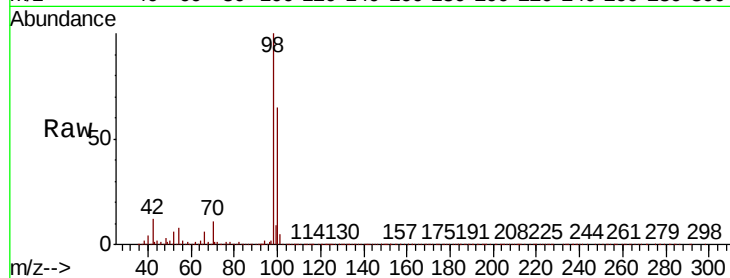
VX1217WBS02

Tot Ion: 98 Resp: 648400

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#64

Chlorobenzene

Concen: 18.857 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014071.D

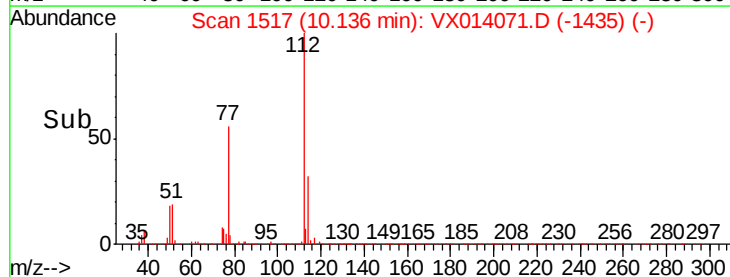
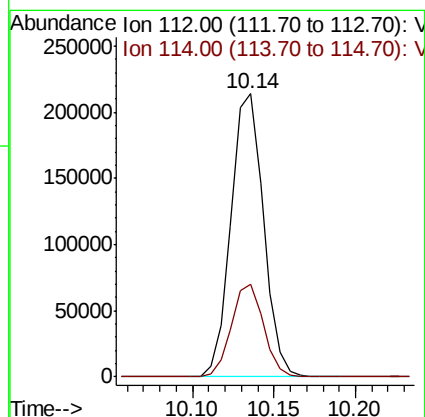
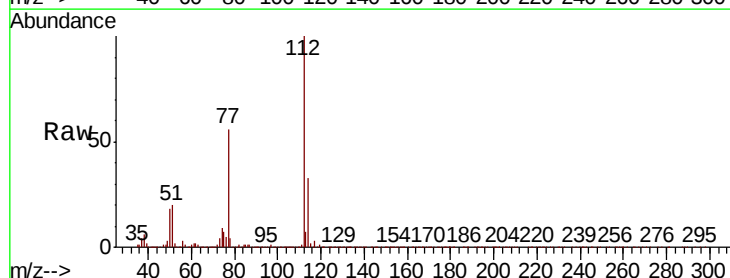
Acq: 18 Dec 2019 00:21

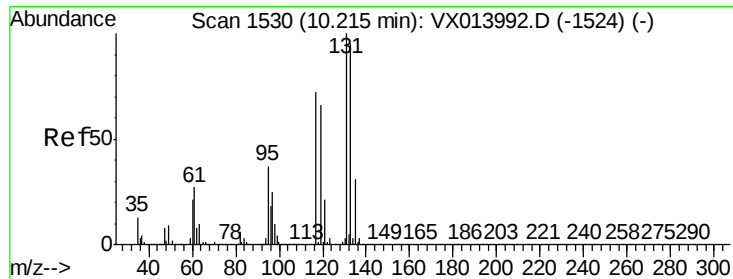
Tgt Ion: 112 Resp: 298050

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.771 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

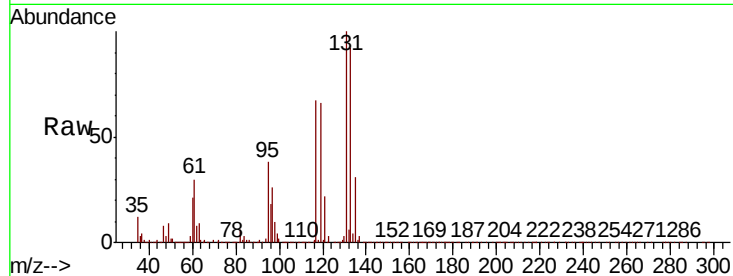
Tot Ion:131 Resp: 109861

Ion Ratio Lower Upper

131 100

133 93.2 0.0 189.8

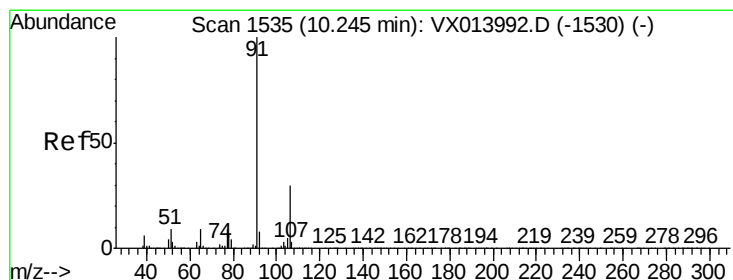
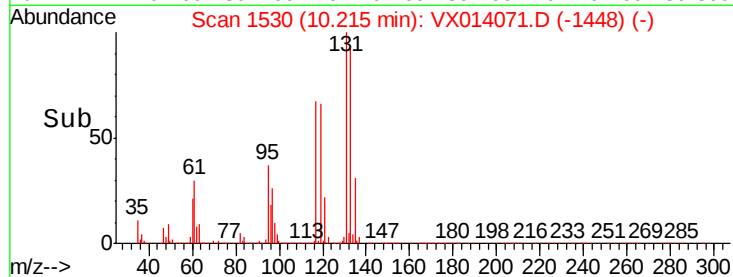
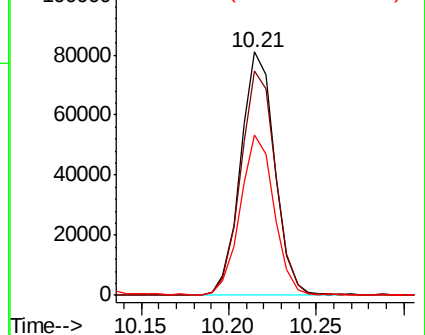
119 65.1 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.784 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014071.D

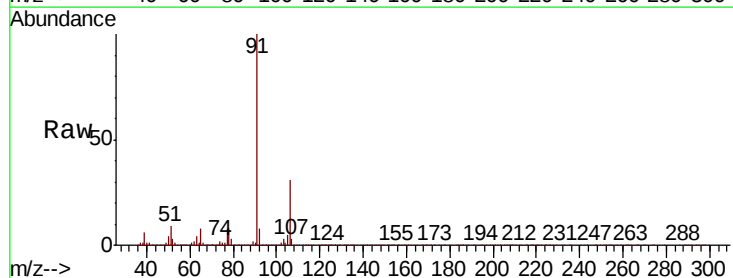
Acq: 18 Dec 2019 00:21

Tgt Ion: 91 Resp: 518613

Ion Ratio Lower Upper

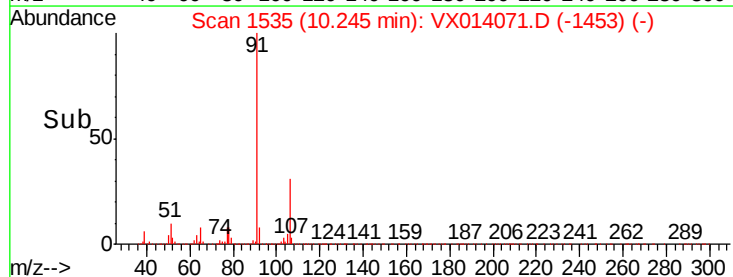
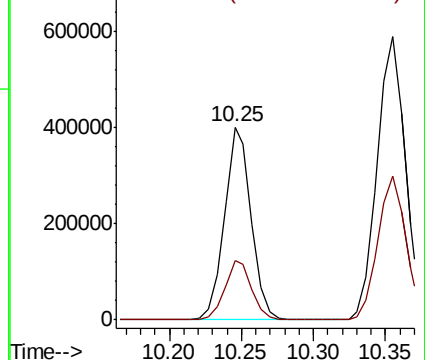
91 100

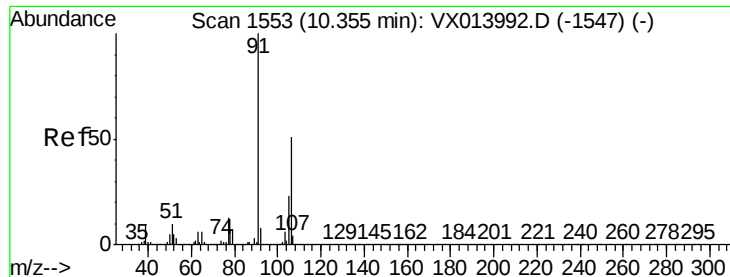
106 30.8 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

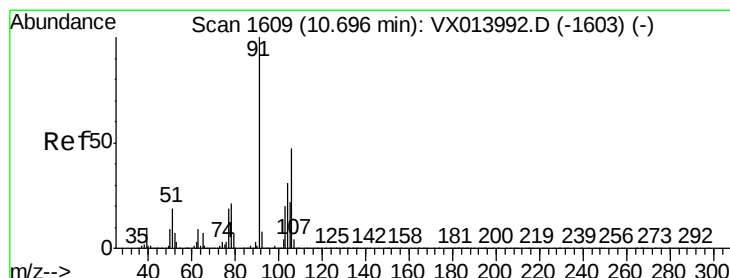
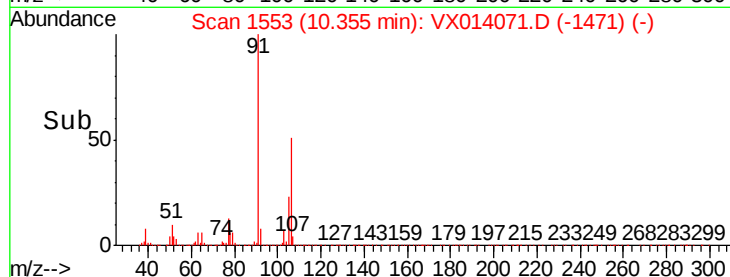
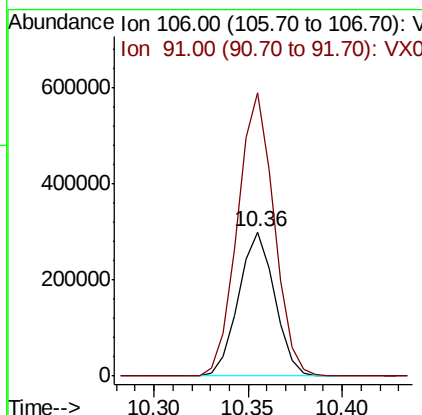
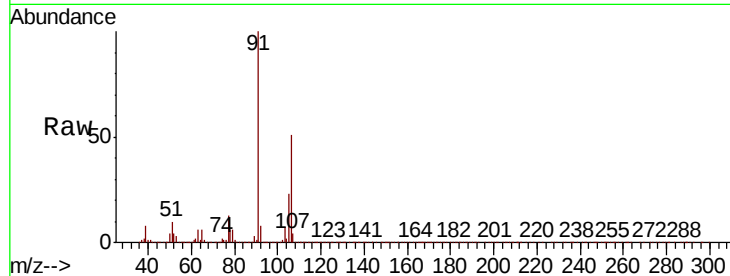




#67
m/p-Xvlenes
Concen: 37.856 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

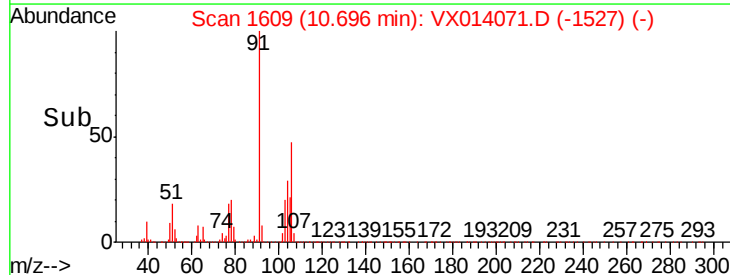
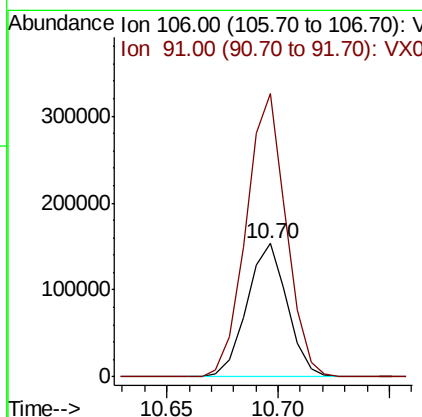
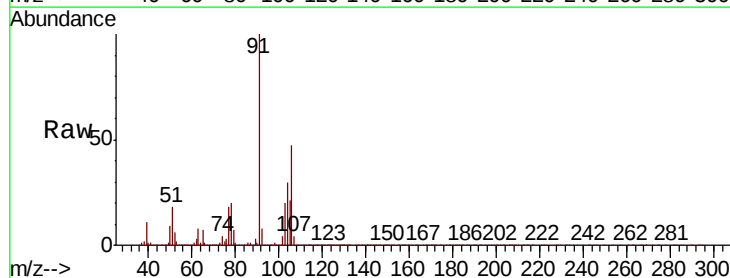
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

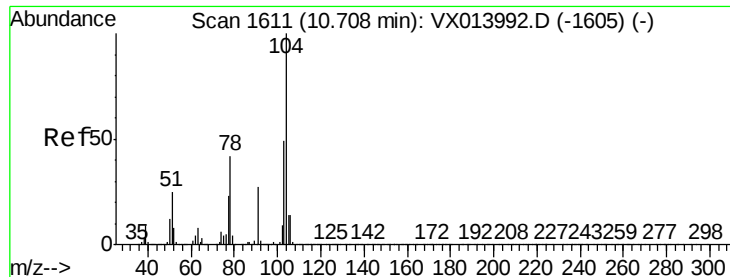
Tot Ion:106 Resp: 399549
Ion Ratio Lower Upper
106 100
91 198.1 159.3 238.9



#68
o-Xylene
Concen: 18.457 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion:106 Resp: 192984
Ion Ratio Lower Upper
106 100
91 210.9 104.8 314.6

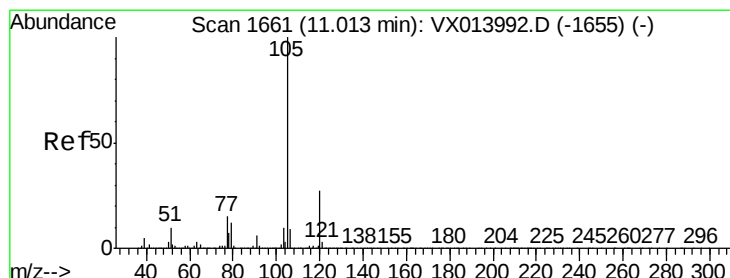
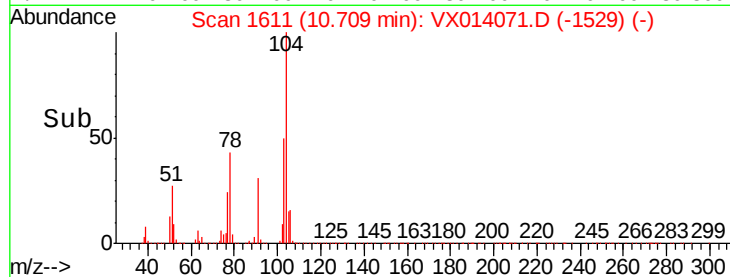
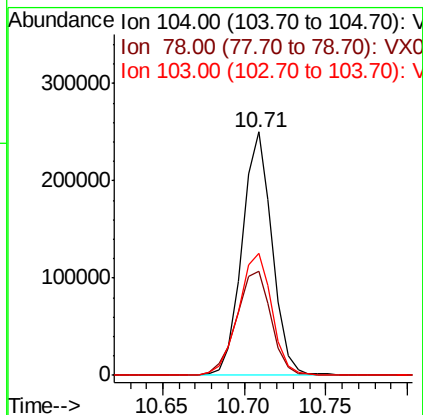
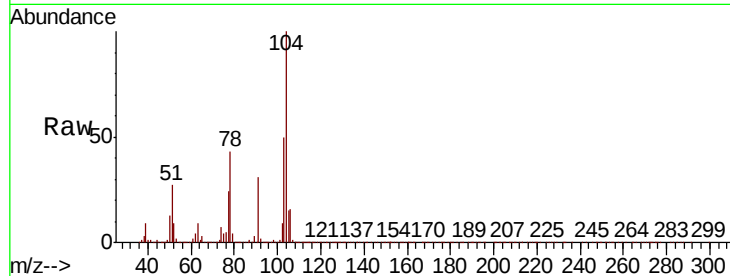




#69
Stvrene
Concen: 18.014 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

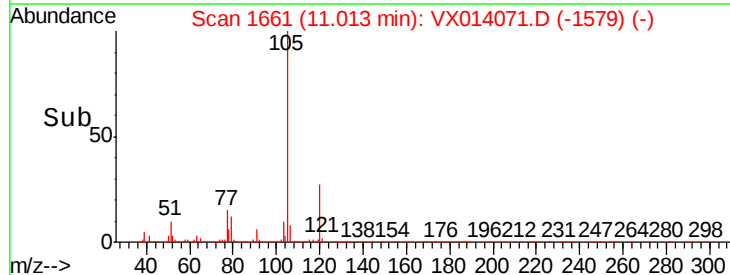
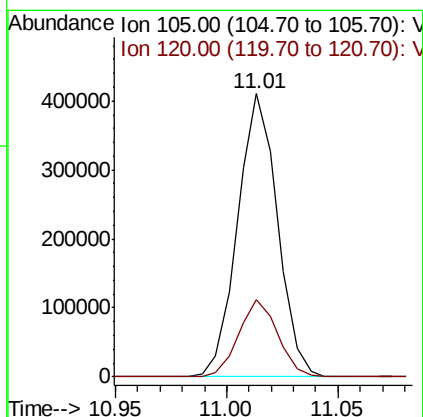
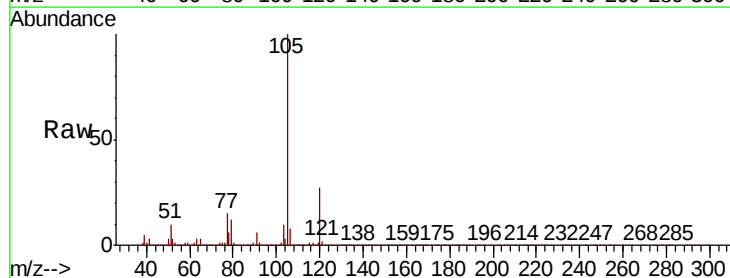
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

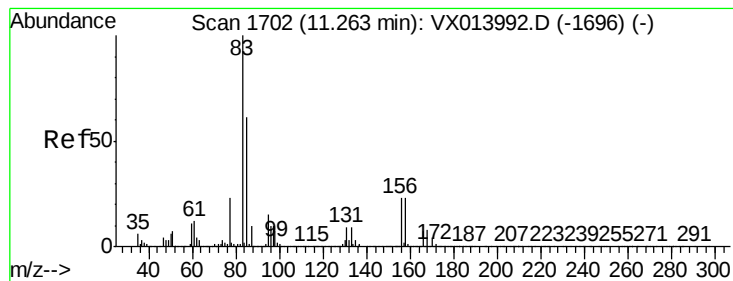
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.9	58.3
103	55.8	44.2	66.2



#70
Isopropylbenzene
Concen: 18.912 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 16.565 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

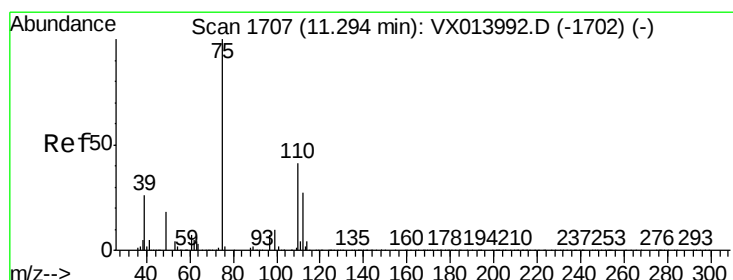
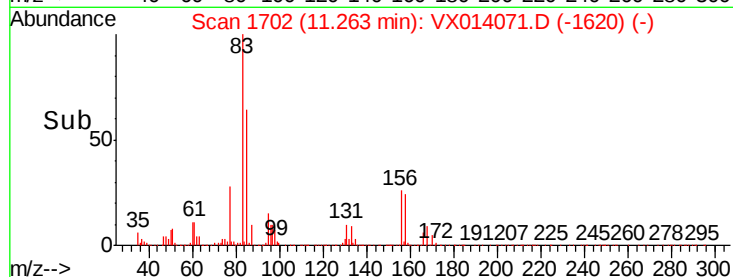
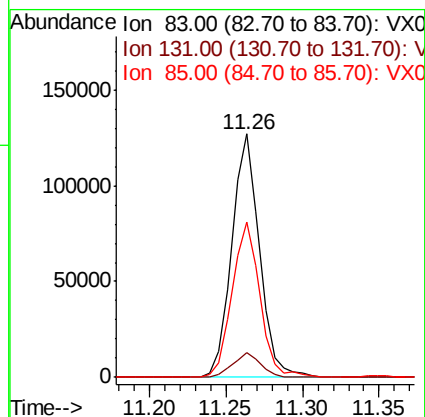
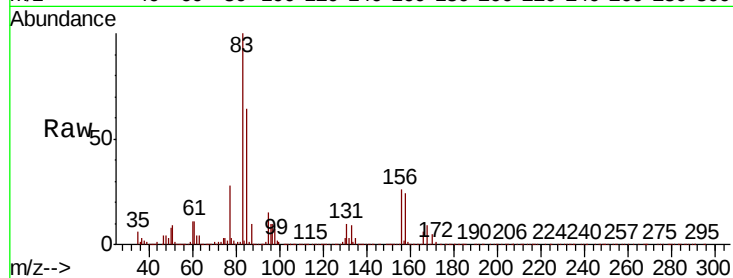
Tot Ion: 83 Resp: 158726

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 64.4 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 22.805 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014071.D

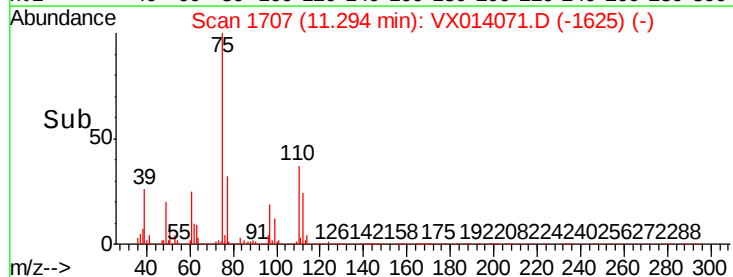
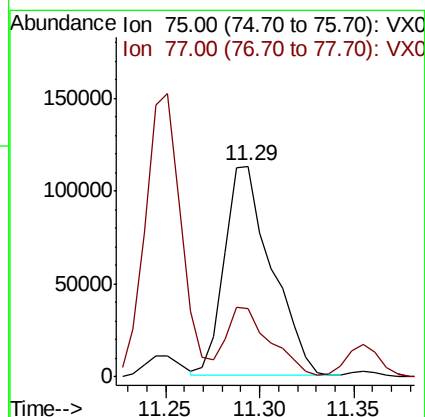
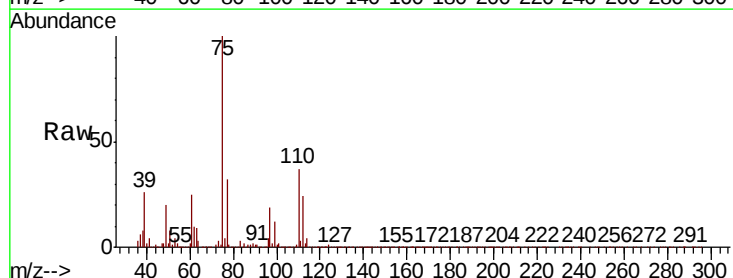
Acq: 18 Dec 2019 00:21

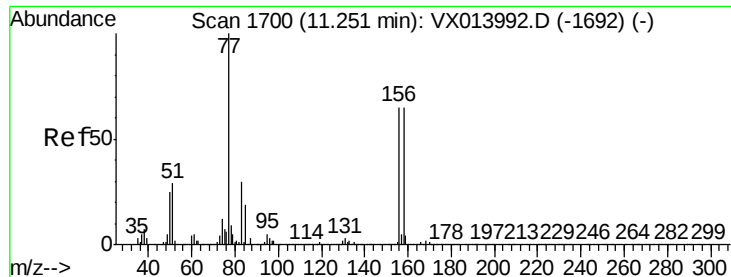
Tgt Ion: 75 Resp: 194503

Ion Ratio Lower Upper

75 100

77 29.3 0.0 68.4





#73

Bromobenzene

Concen: 18.363 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

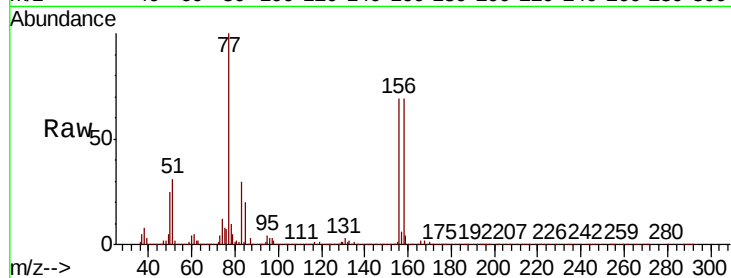
Tot Ion:156 Resp: 132445

Ion Ratio Lower Upper

156 100

77 153.2 0.0 304.6

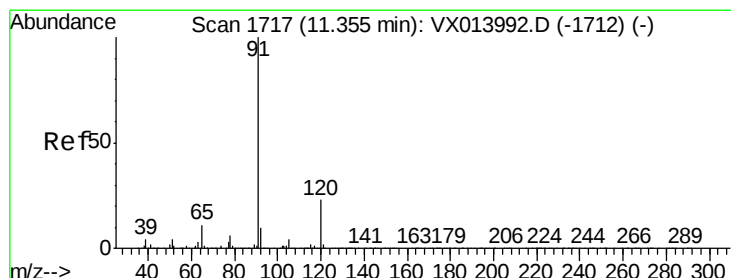
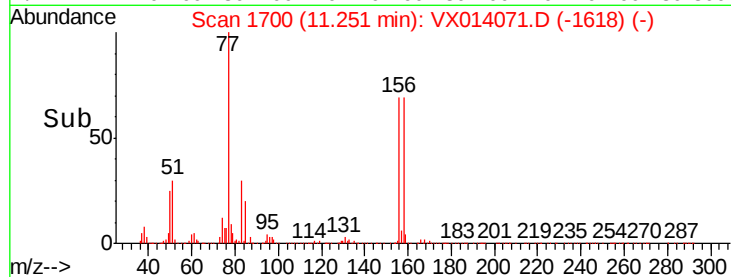
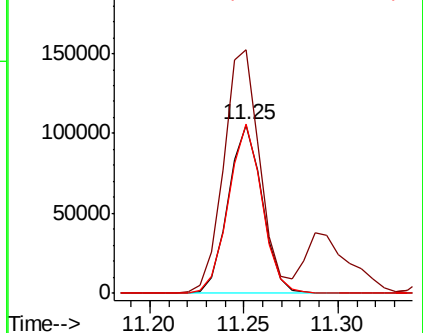
158 98.7 0.0 195.2



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: 18.535 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014071.D

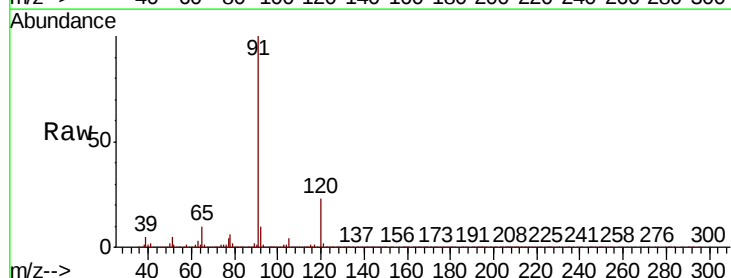
Acq: 18 Dec 2019 00:21

Tgt Ion: 91 Resp: 568012

Ion Ratio Lower Upper

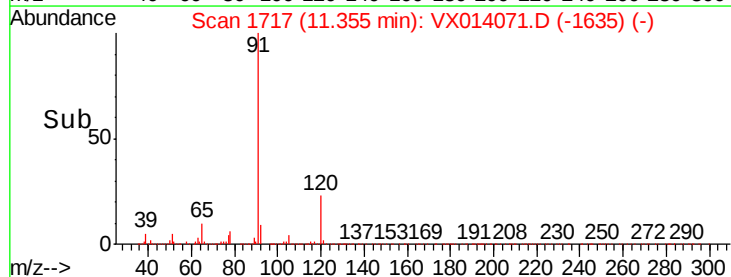
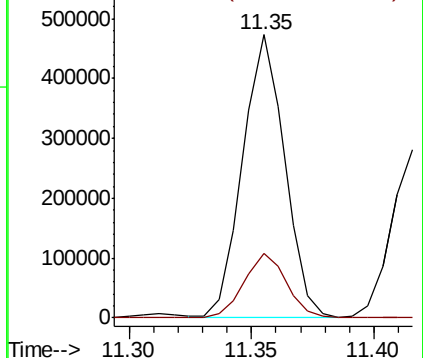
91 100

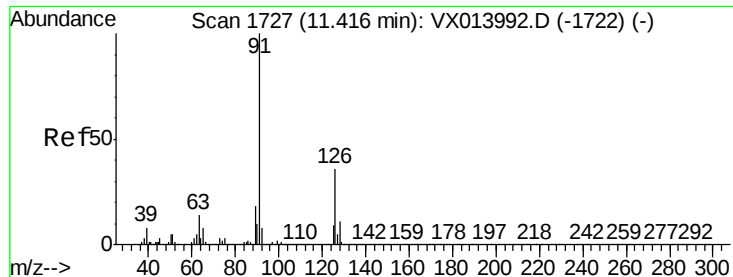
120 22.9 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.480 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampled :

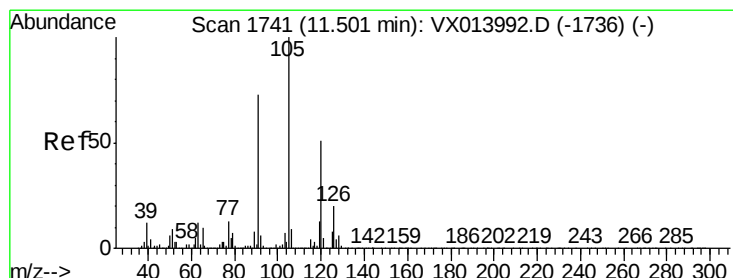
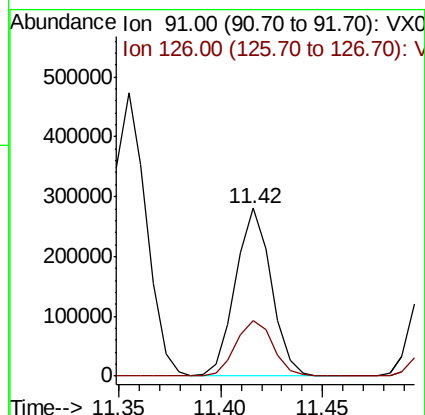
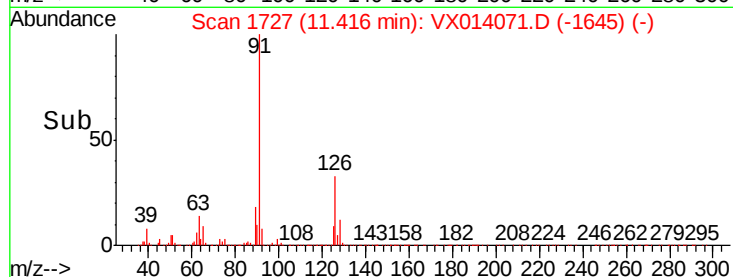
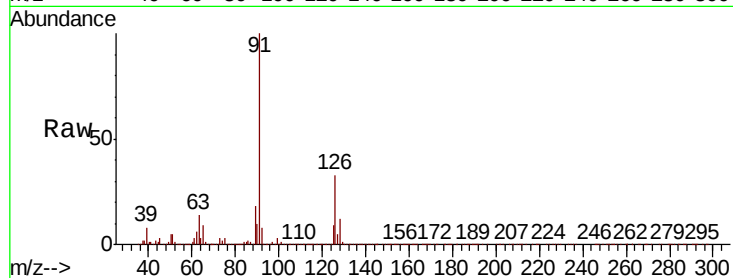
VX1217WBS02

Tot Ion: 91 Resp: 342206

Ion Ratio Lower Upper

91 100

126 34.2 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 18.186 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014071.D

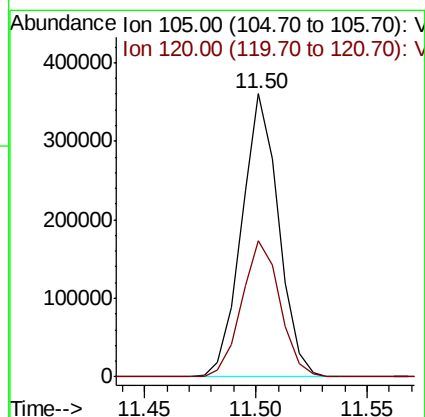
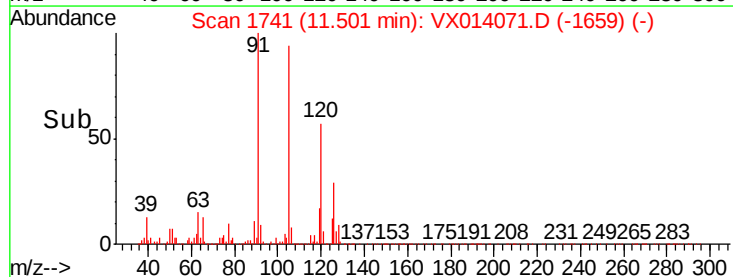
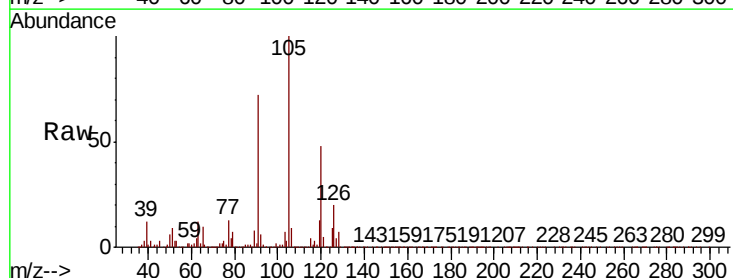
Acq: 18 Dec 2019 00:21

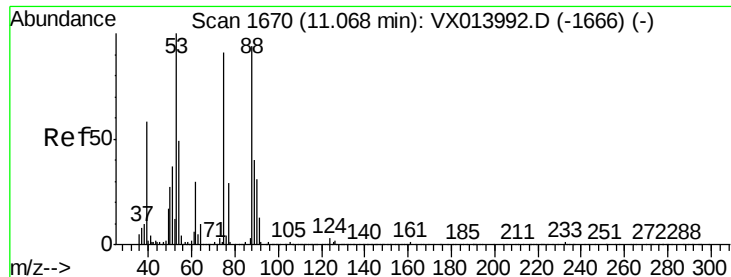
Tgt Ion: 105 Resp: 416844

Ion Ratio Lower Upper

105 100

120 49.9 0.0 100.6

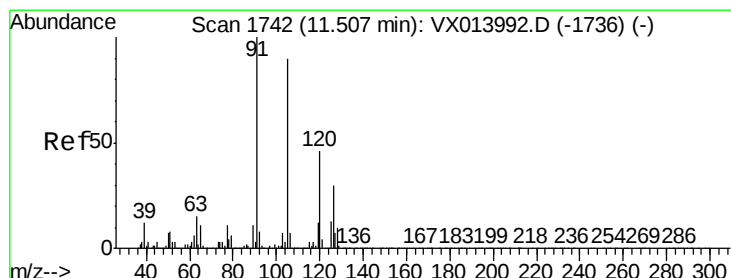
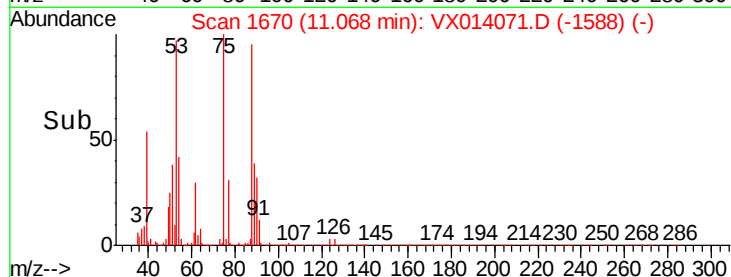
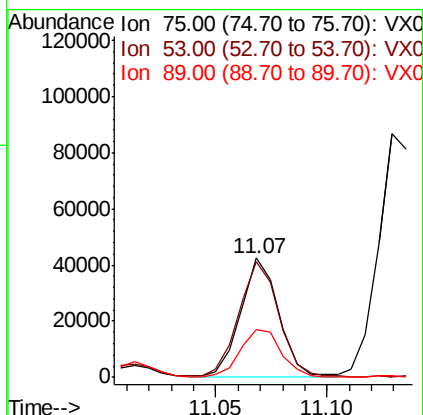
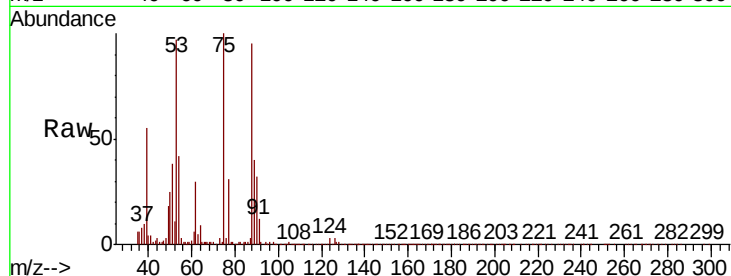




#77
t-1,4-Dichloro-2-butene
Concen: 18.069 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

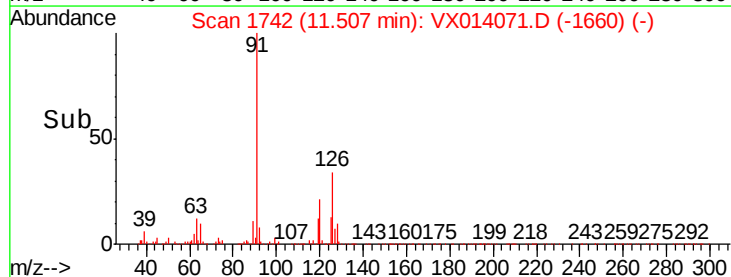
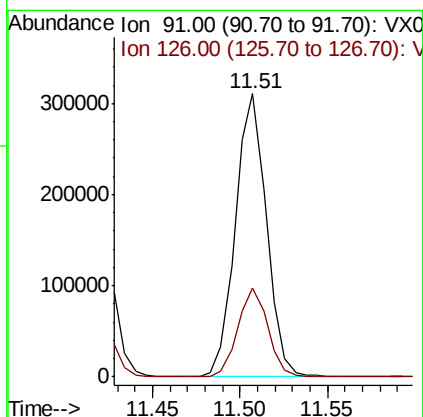
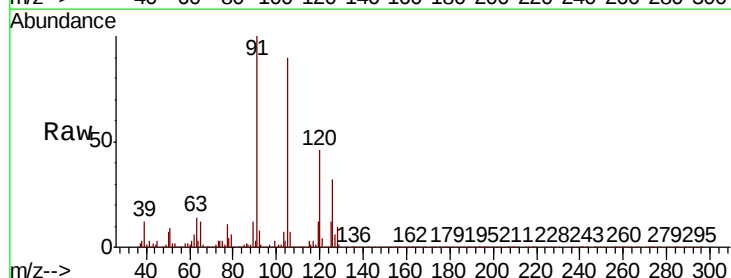
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

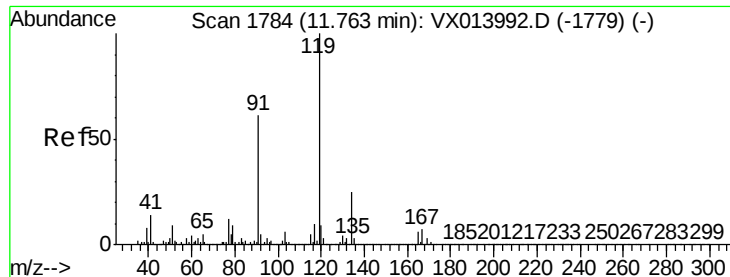
Tot Ion: 75 Resp: 50891
Ion Ratio Lower Upper
75 100
53 96.6 54.4 163.1
89 39.8 21.9 65.5



#78
4-Chlorotoluene
Concen: 18.082 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 91 Resp: 382607
Ion Ratio Lower Upper
91 100
126 30.5 0.0 59.6

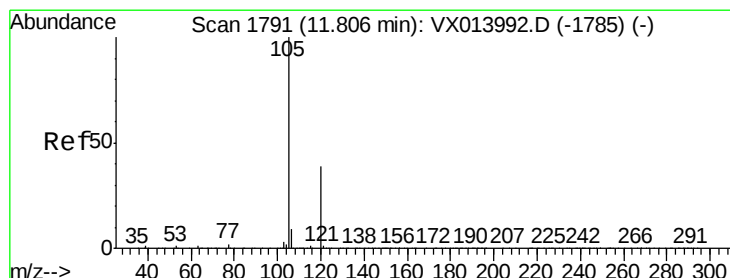
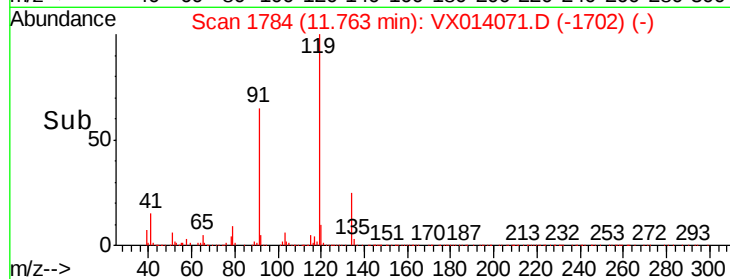
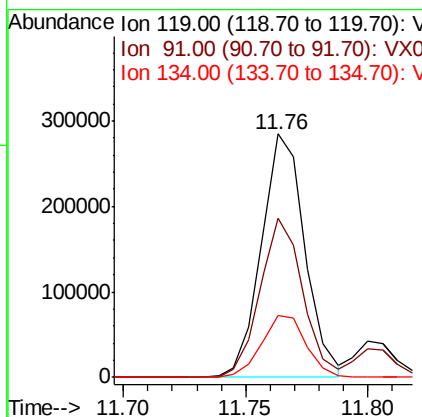
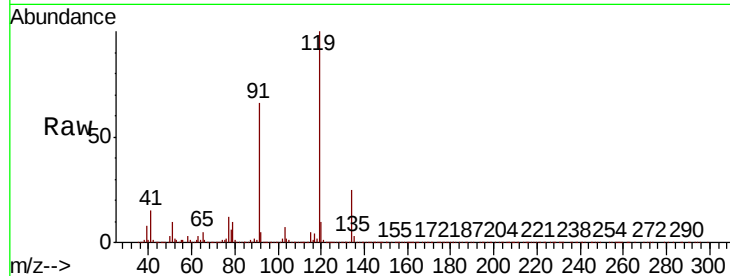




#79
tert-butylbenzene
Concen: 16.068 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

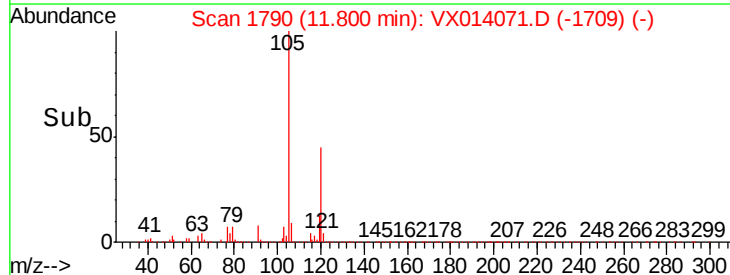
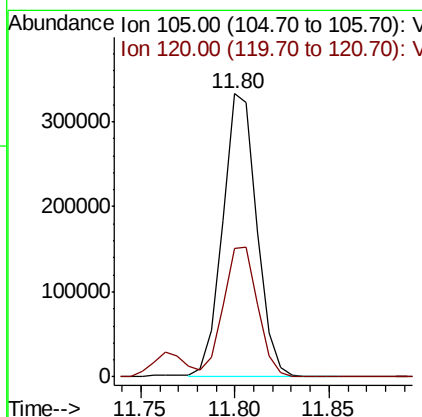
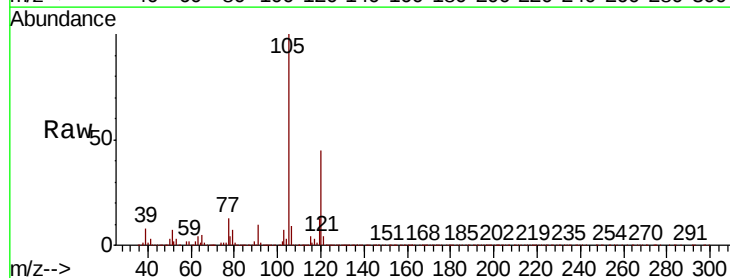
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

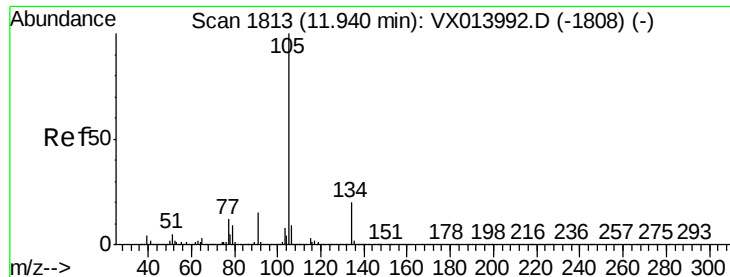
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	0.0	112.6
134	26.1	0.0	49.8



#80
1,2,4-Trimethylbenzene
Concen: 18.193 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	0.0	92.0

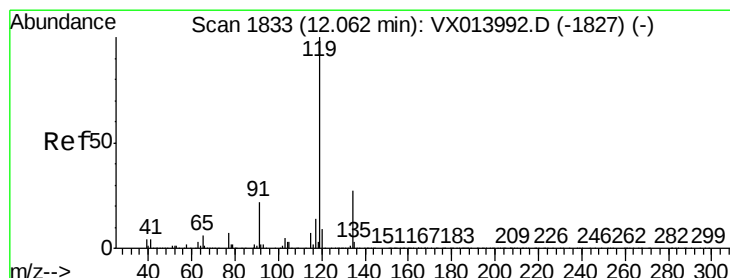
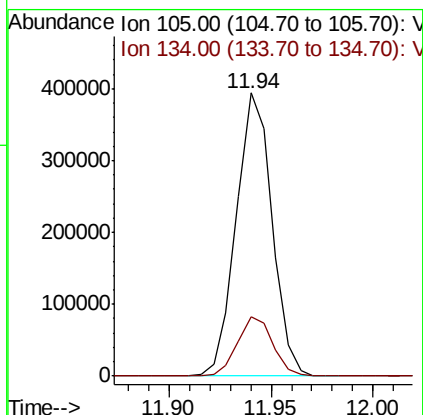
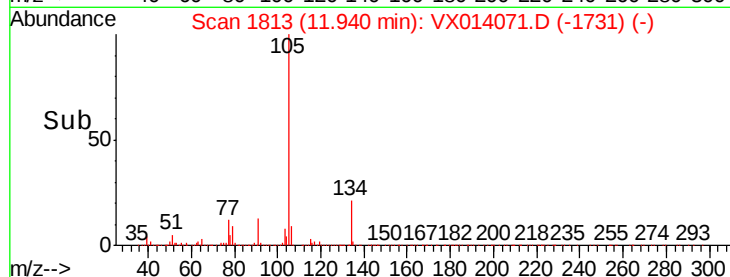
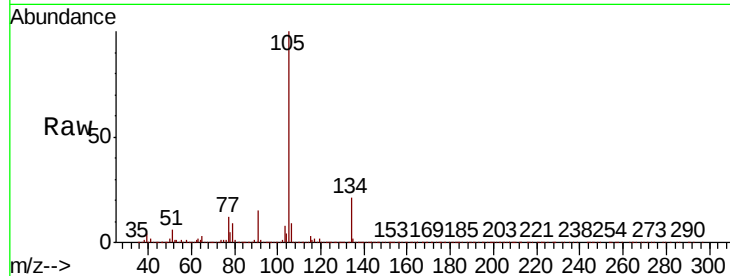




#81
 sec-Butylbenzene
 Concen: 18.230 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

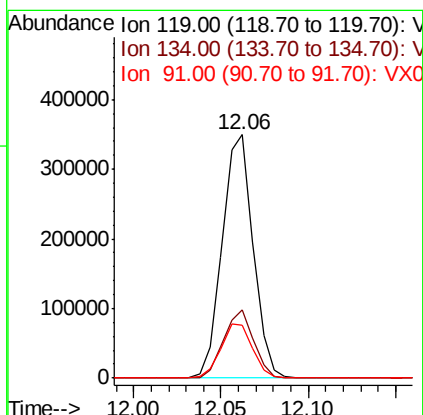
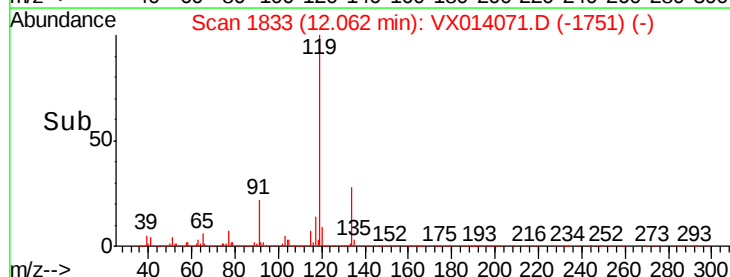
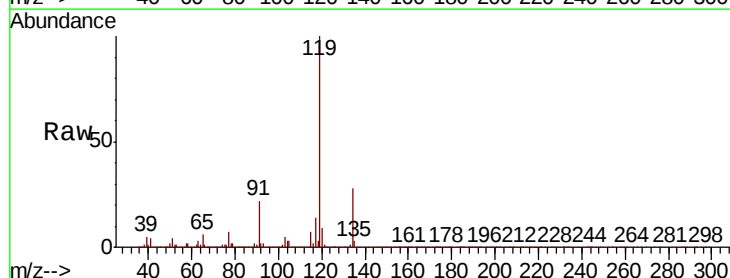
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

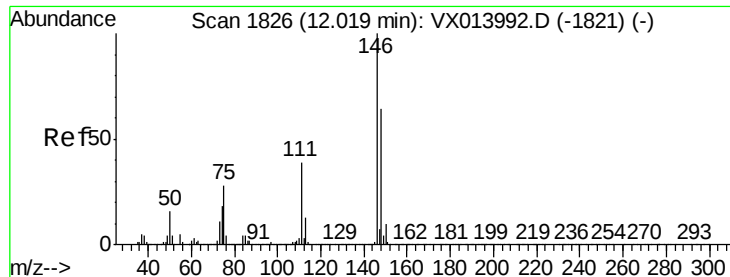
Tot Ion:105 Resp: 479039
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.2



#82
 p-Isopropyltoluene
 Concen: 18.111 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion:119 Resp: 429498
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 53.8
 91 22.5 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 17.820 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

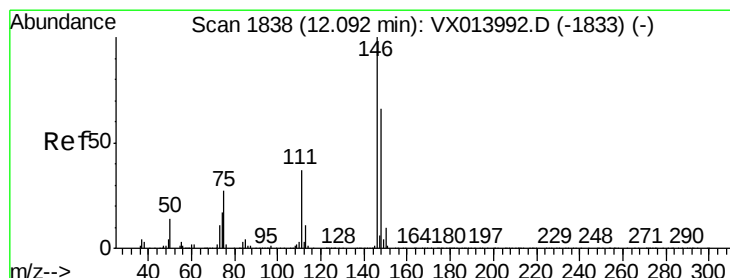
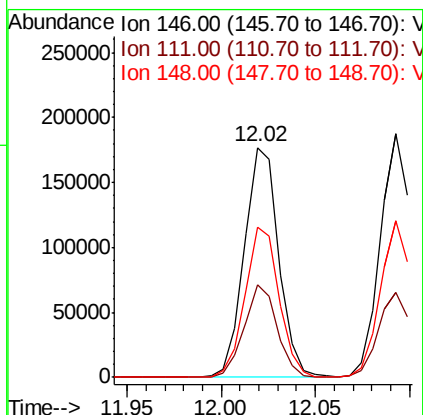
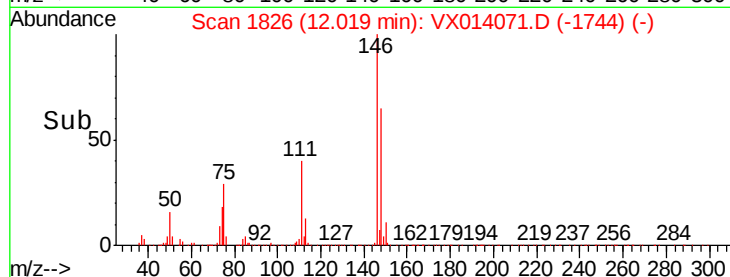
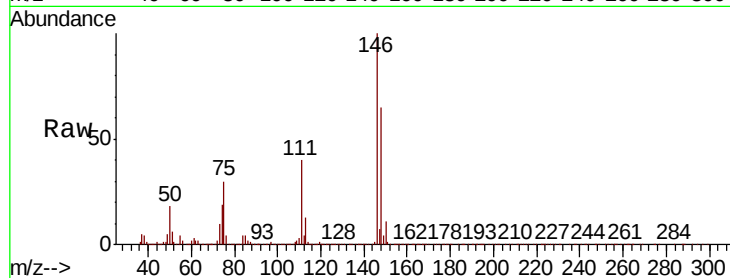
Tot Ion:146 Resp: 224035

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 64.7 32.2 96.6



#84

1,4-Dichlorobenzene

Concen: 17.775 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

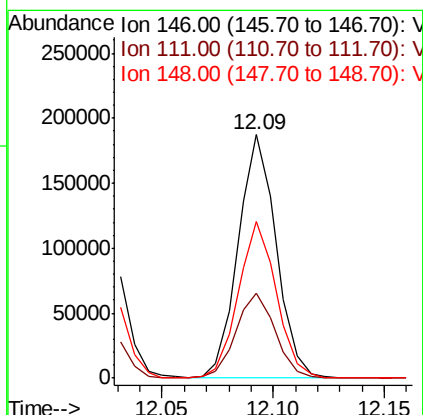
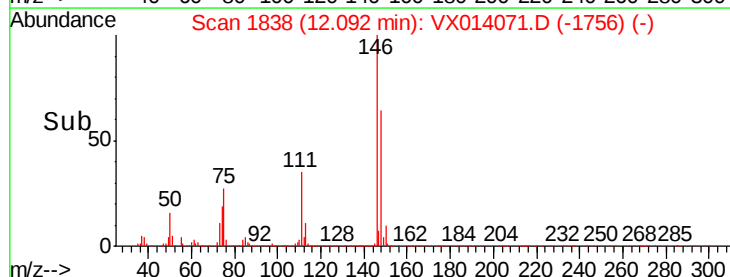
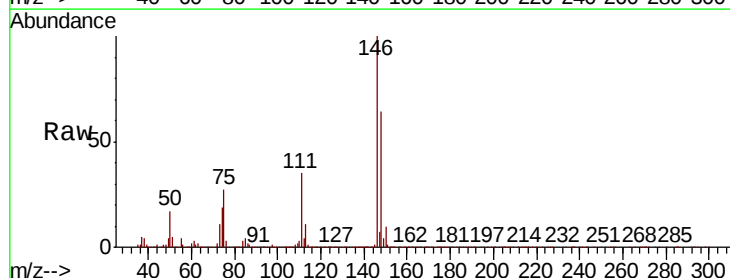
Tgt Ion:146 Resp: 222517

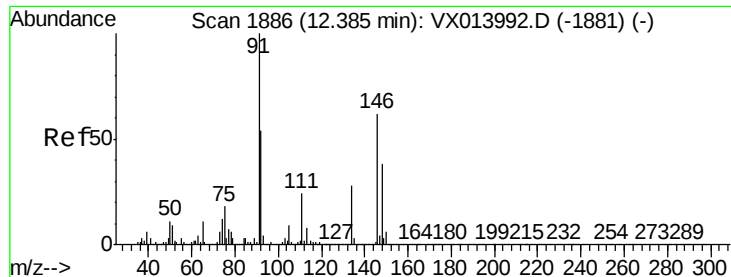
Ion Ratio Lower Upper

146 100

111 36.1 18.4 55.4

148 64.5 32.0 96.0

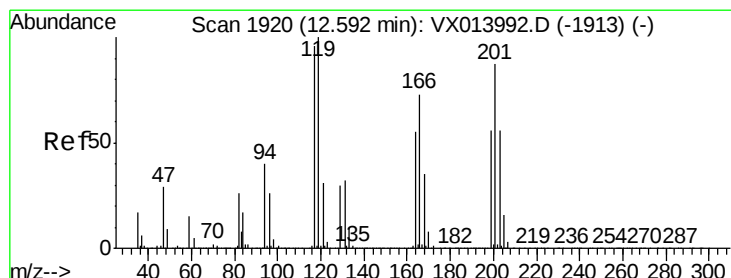
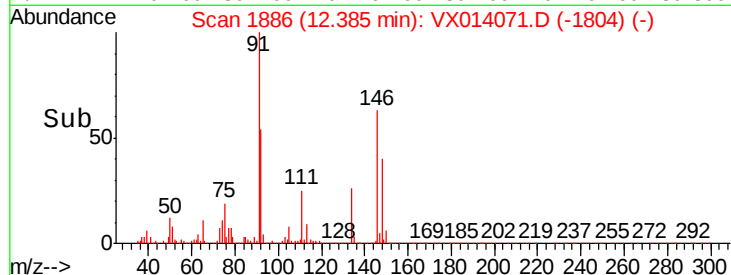
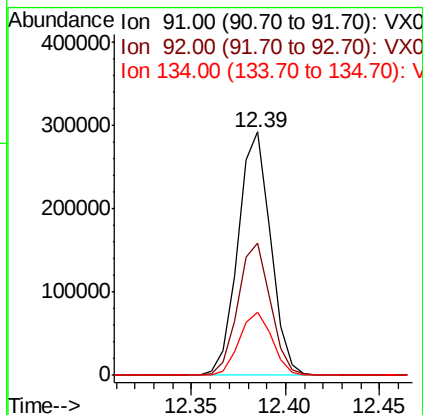
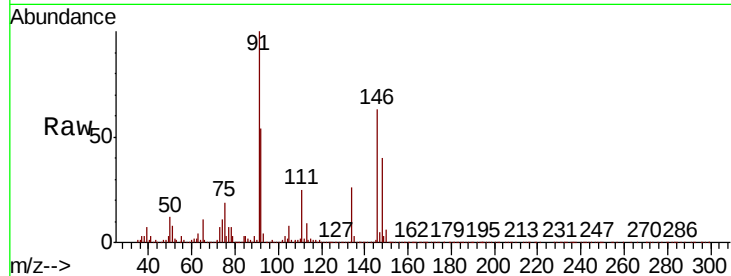




#85
n-Butylbenzene
Concen: 17.590 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

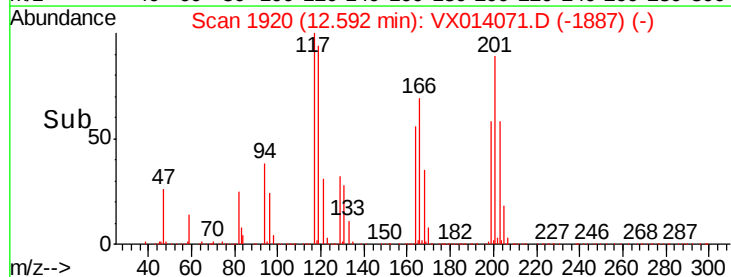
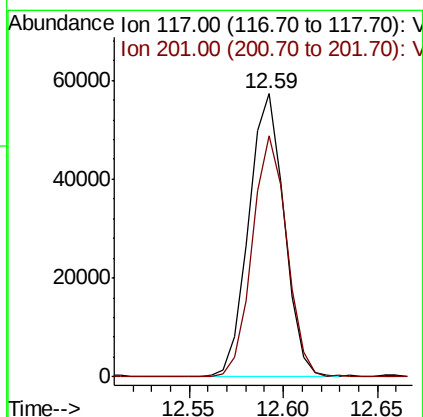
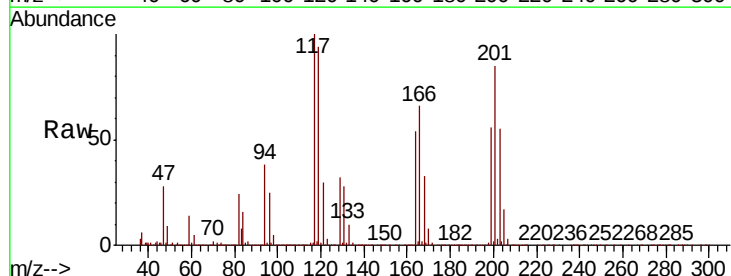
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS02

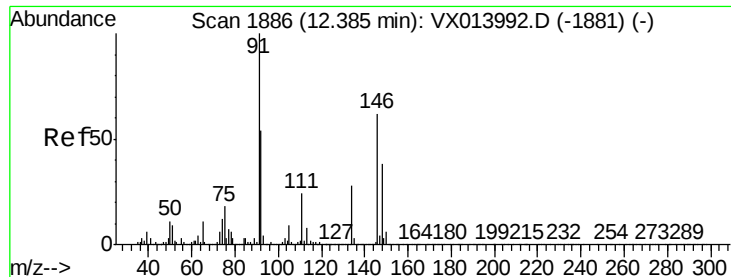
Tot Ion: 91 Resp: 350725
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 26.2 0.0 54.0



#86
Hexachloroethane
Concen: 17.312 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014071.D
Acq: 18 Dec 2019 00:21

Tgt Ion: 117 Resp: 74476
Ion Ratio Lower Upper
117 100
201 83.3 44.8 134.3

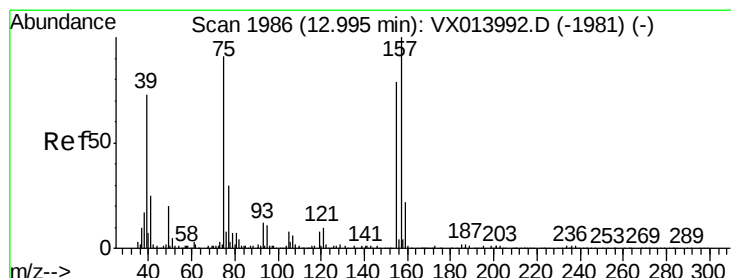
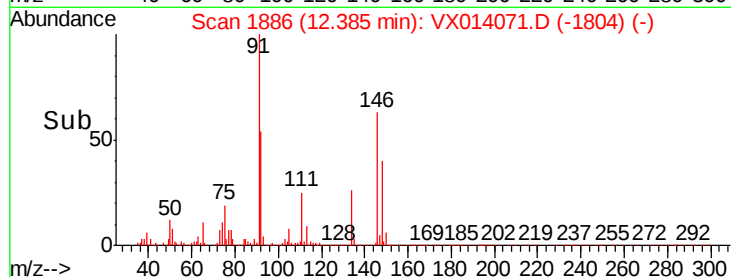
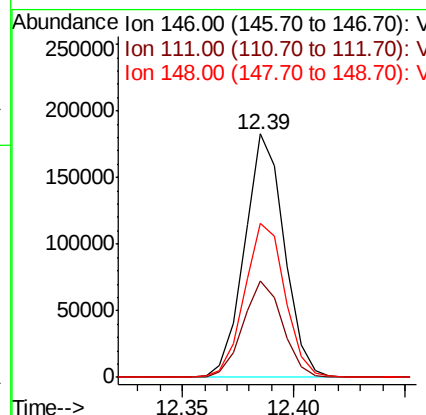
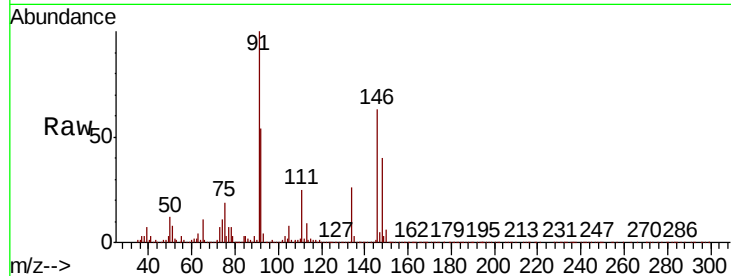




#87
 1,2-Dichlorobenzene
 Concen: 17.733 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

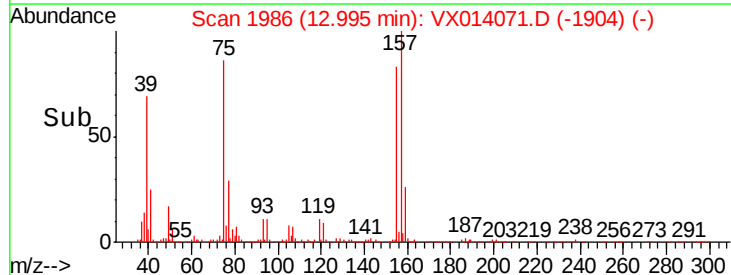
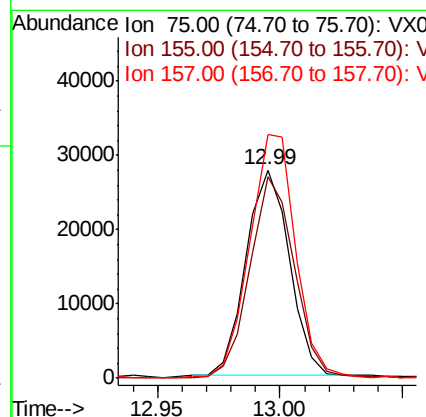
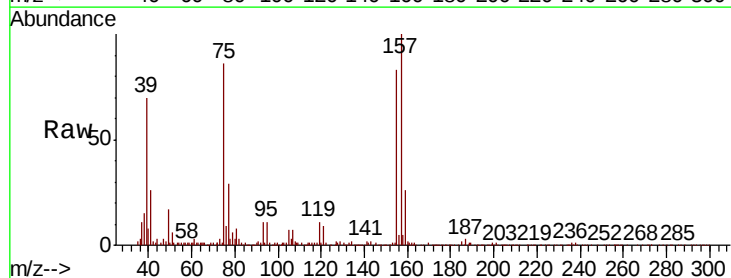
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

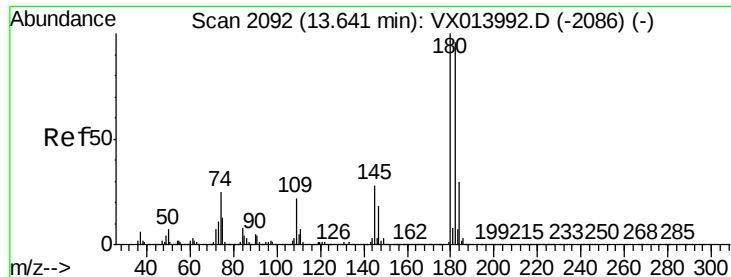
Tot Ion:146 Resp: 226436
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.1 60.2
 148 65.0 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.859 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion: 75 Resp: 34108
 Ion Ratio Lower Upper
 75 100
 155 101.6 73.8 110.6
 157 126.6 95.0 142.4

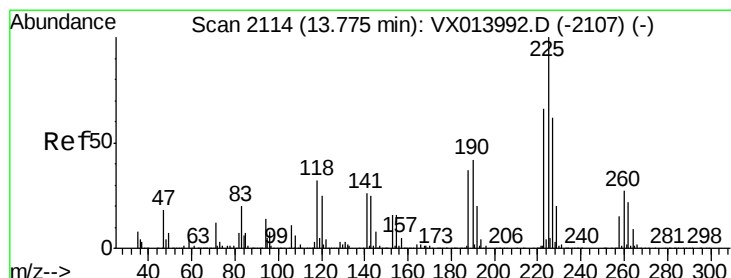
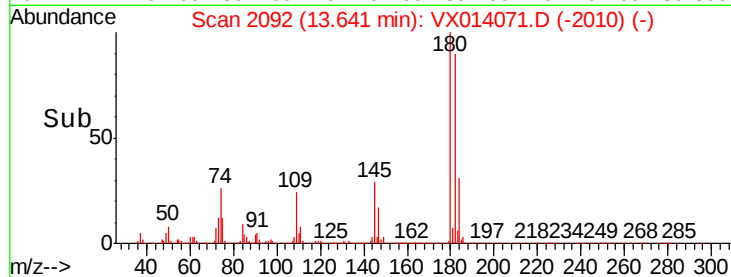
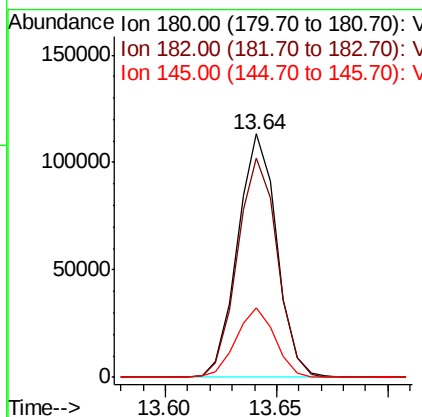
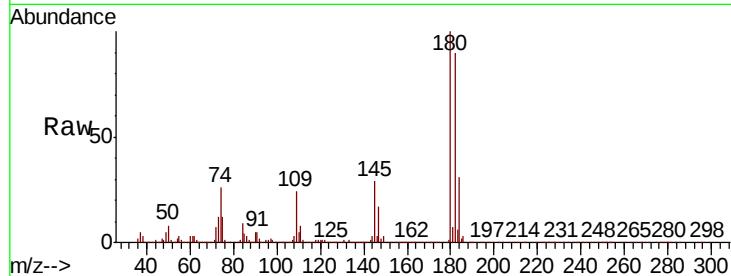




#89
 1,2,4-Trichlorobenzene
 Concen: 17.016 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

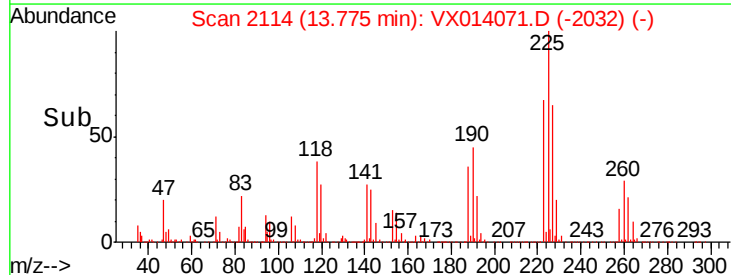
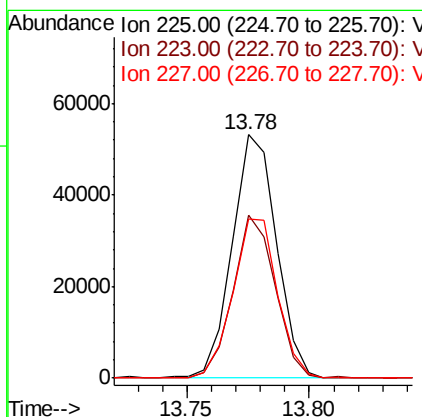
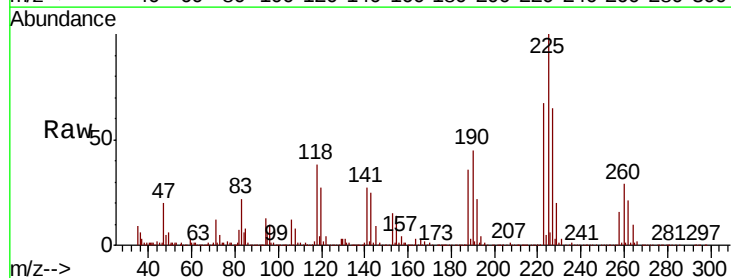
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS02

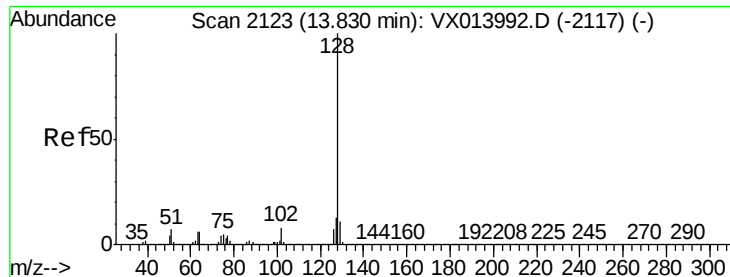
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.4	114.6
145	28.4	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 17.235 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014071.D
 Acq: 18 Dec 2019 00:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	0.0	127.4
227	66.2	0.0	122.8





#91

Naphthalene

Concen: 18.018 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBS02

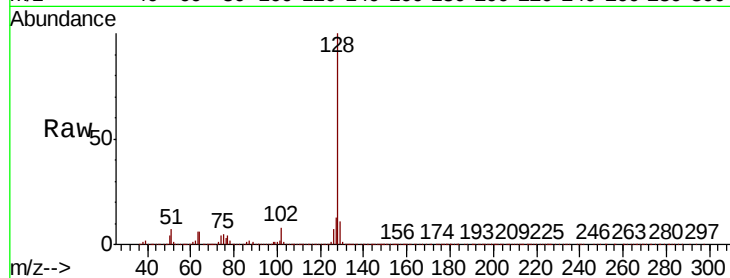
Tot Ion:128 Resp: 441979

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

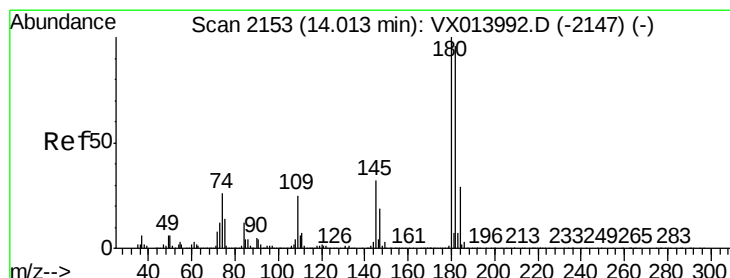
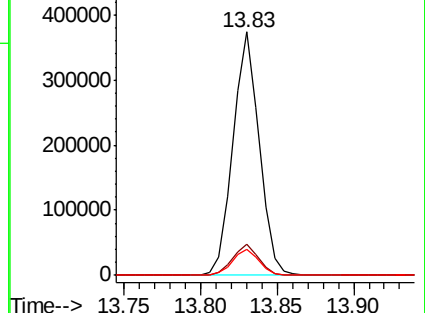
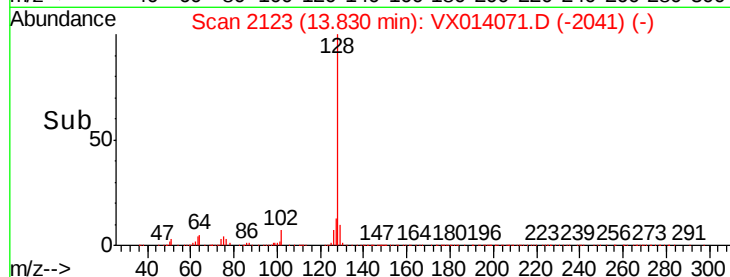
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.345 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014071.D

Acq: 18 Dec 2019 00:21

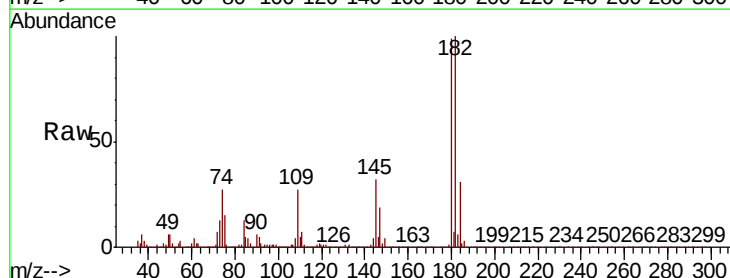
Tgt Ion:180 Resp: 143576

Ion Ratio Lower Upper

180 100

182 96.2 0.0 192.8

145 30.3 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

