

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014072.D
 Acq On : 18 Dec 2019 00:45
 Operator : JC/SP
 Sample : VX1217WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

Quant Time: Dec 18 07:21:53 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	5.00	128	91194	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	498494	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	457283	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	190389	29.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.17%
60) 4-Bromofluorobenzene	11.14	95	215593	29.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.33%
63) Toluene-d8	8.71	98	619059	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	84697	18.386	ug/l 99
3) Chloromethane	1.32	50	125729	19.365	ug/l 97
4) Vinyl Chloride	1.40	62	127122	19.100	ug/l 98
5) Bromomethane	1.63	94	80674	16.581	ug/l 98
6) Chloroethane	1.72	64	80174	19.502	ug/l 98
7) Trichlorofluoromethane	1.92	101	157919	19.068	ug/l 99
8) Diethyl Ether	2.18	74	74986	19.698	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92928	18.813	ug/l 99
10) 1,1-Dichloroethene	2.37	96	97960	19.183	ug/l 99
11) Methyl Iodide	2.50	142	127135	19.339	ug/l 96
12) Methyl Acetate	2.76	43	161052	20.372	ug/l 100
13) Acrolein	2.28	56	92303	96.265	ug/l 96
14) Acrylonitrile	3.13	53	317437	102.713	ug/l 100
15) Acetone	2.43	58	145602	160.376	ug/l 85
16) Carbon Disulfide	2.56	76	269570	19.486	ug/l 98
17) Allyl chloride	2.72	41	179407	19.551	ug/l 96
18) Methylene Chloride	2.85	84	113384	18.120	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	106657	19.073	ug/l 99
20) Diisopropyl ether	3.84	45	362147	19.233	ug/l 93
21) 1,1-Dichloroethane	3.69	63	196022	19.182	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	122804	18.944	ug/l 98
23) tert-Butyl Alcohol	3.03	59	137426	113.370	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	332407	19.270	ug/l 100
25) Chloroform	5.20	83	191258	19.631	ug/l 97
26) Cyclohexane	5.58	56	171363	18.806	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	145739	20.240	ug/l 98
30) 2-Butanone	4.65	43	540597	127.373	ug/l 100
31) 2,2-Dichloropropane	4.58	77	127066	19.077	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	156701	19.675	ug/l 99
33) Carbon Tetrachloride	5.78	117	130867	19.330	ug/l 99
34) Benzene	6.14	78	447011	19.909	ug/l 97
35) Methacrylonitrile	5.03	41	93743	20.537	ug/l 98
36) 1,2-Dichloroethane	6.18	62	153123	19.633	ug/l 100
37) Trichloroethene	7.21	130	125780	20.588	ug/l 93
38) Methylcyclohexane	7.46	83	169285	19.709	ug/l 97
39) 1,2-Dichloropropane	7.51	63	115284	19.769	ug/l 95
40) Dibromomethane	7.65	93	74550	20.012	ug/l 99

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Quant Time: Dec 18 07:21:53 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)

41) Bromodichloromethane	7.89	83	140985	19.545	ug/l #	99
42) Vinyl Acetate	3.80	43	861925	57.521	ug/l	97
43) Ethyl Acetate	4.82	43	169983	20.872	ug/l	99
44) Isopropyl Acetate	6.43	43	272250	19.960	ug/l	100
45) 1,4-Dioxane	7.73	88	57253	448.229	ug/l	98
46) Methyl methacrylate	7.76	41	131323	19.821	ug/l	100
47) n-amyl Acetate	10.89	43	219633	18.109	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	150767	19.150	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	167907	18.965	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	111132	19.330	ug/l	98
51) Ethyl methacrylate	9.17	69	174856	19.121	ug/l	99
52) 1,3-Dichloropropane	9.37	76	195923	20.058	ug/l	99
53) Dibromochloromethane	9.58	129	111301	19.361	ug/l	100
54) 1,2-Dibromoethane	9.67	107	118586	20.033	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	403105	99.996	ug/l	100
56) Bromoform	10.85	173	83206	18.560	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	880731	102.937	ug/l	99
59) 2-Hexanone	9.48	43	726631	111.909	ug/l	100
61) Tetrachloroethene	9.33	164	174512	28.848	ug/l	98
62) Toluene	8.78	91	479361	19.710	ug/l	99
64) Chlorobenzene	10.14	112	293778	19.280	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	106837	18.936	ug/l	98
66) Ethyl Benzene	10.25	91	511402	19.214	ug/l	100
67) m/p-Xylenes	10.35	106	390600	38.390	ug/l	100
68) o-Xylene	10.70	106	188906	18.742	ug/l	99
69) Styrene	10.71	104	315478	18.405	ug/l	99
70) Isopropylbenzene	11.01	105	496810	19.074	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	154678	16.746	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	194230	23.623	ug/l	95
73) Bromobenzene	11.25	156	130019	18.699	ug/l	99
74) n-propylbenzene	11.35	91	555012	18.787	ug/l	98
75) 2-Chlorotoluene	11.42	91	338233	18.948	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	417189	18.881	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	49504	18.233	ug/l	96
78) 4-Chlorotoluene	11.51	91	377665	18.515	ug/l	99
79) tert-butylbenzene	11.76	119	350315	16.449	ug/l	91
80) 1,2,4-Trimethylbenzene	11.81	105	406795	18.412	ug/l	99
81) sec-Butylbenzene	11.94	105	474231	18.720	ug/l	99
82) p-Isopropyltoluene	12.06	119	422504	18.482	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	218749	18.050	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	217500	18.023	ug/l	99
85) n-Butylbenzene	12.39	91	343446	17.869	ug/l	99
86) Hexachloroethane	12.59	117	71314	17.196	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	225529	18.321	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	34671	18.832	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	135078	17.169	ug/l	98
90) Hexachlorobutadiene	13.78	225	66144	17.687	ug/l	96
91) Naphthalene	13.83	128	429239	18.152	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	141248	17.701	ug/l	99

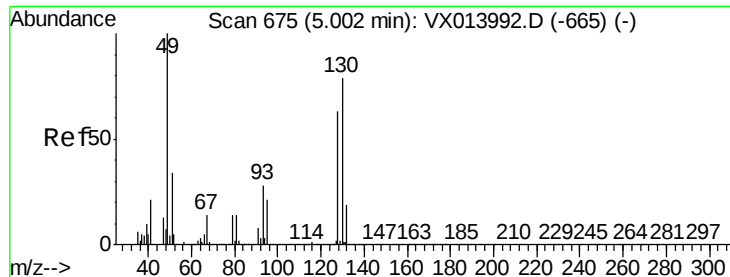
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
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Quant Time: Dec 18 07:21:53 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
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Internal 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: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

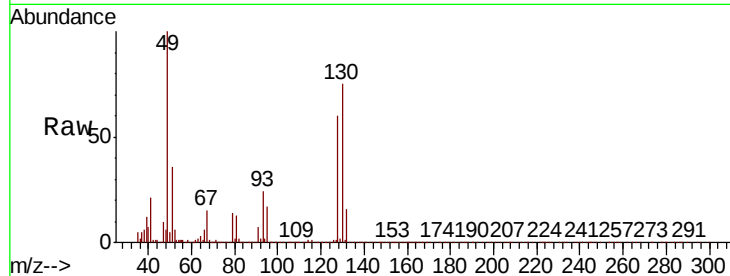
Tot Ion:128 Resp: 91194

Ion Ratio Lower Upper

128 100

49 162.3 0.0 405.0

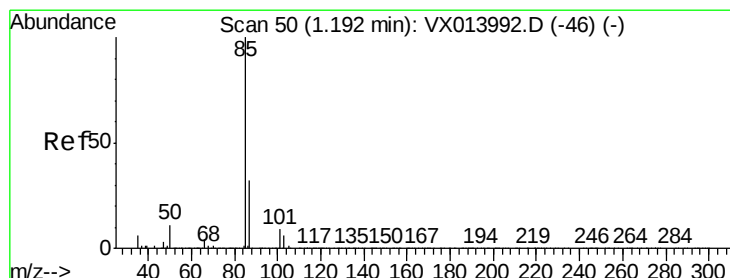
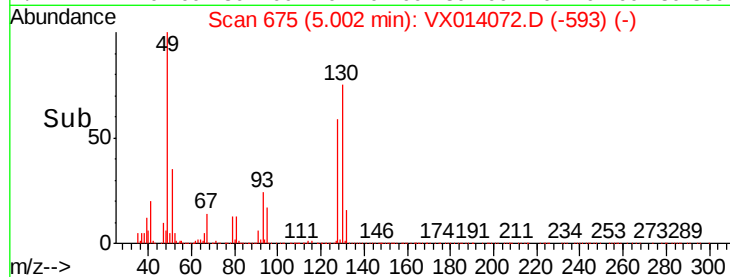
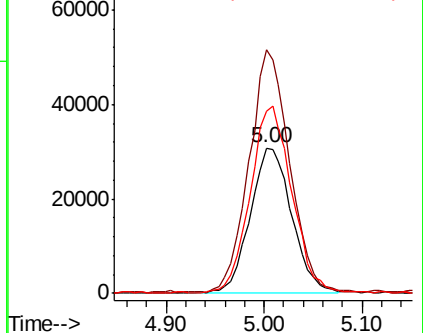
130 129.0 0.0 321.5



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: 18.386 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014072.D

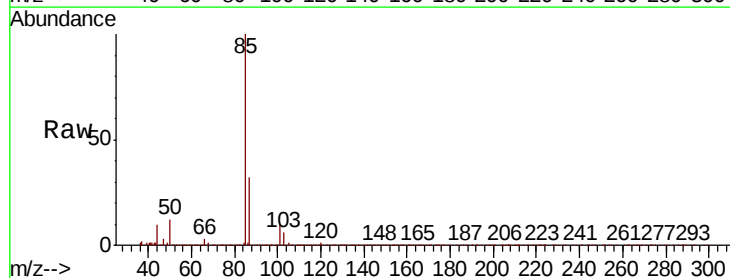
Acq: 18 Dec 2019 00:45

Tgt Ion: 85 Resp: 84697

Ion Ratio Lower Upper

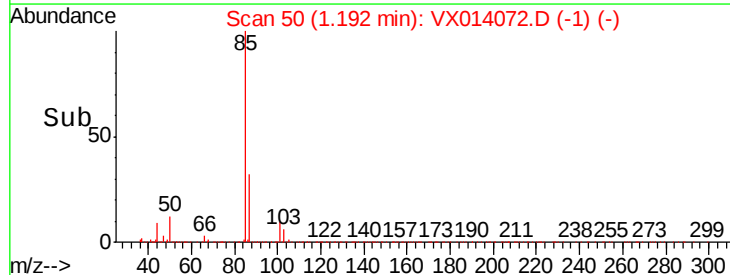
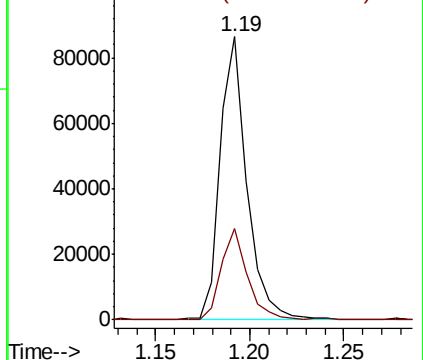
85 100

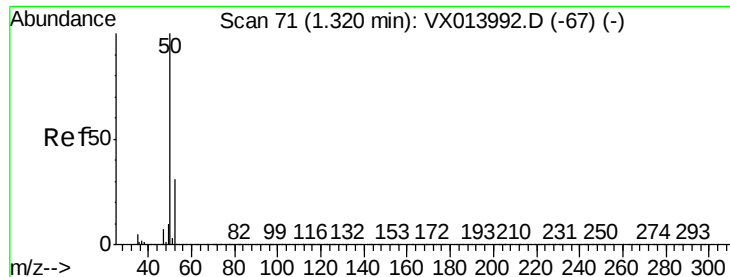
87 32.2 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

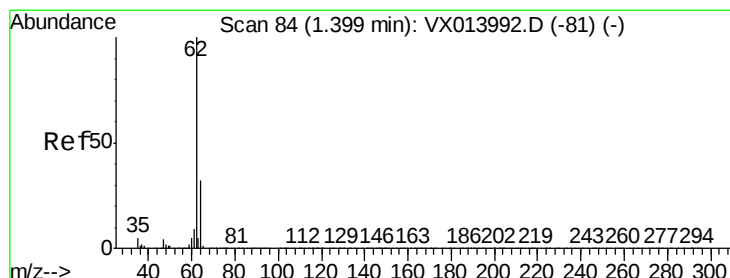
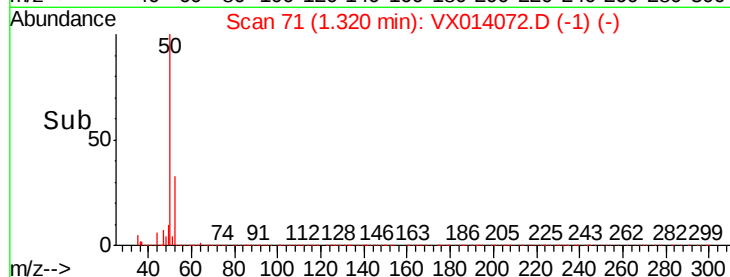
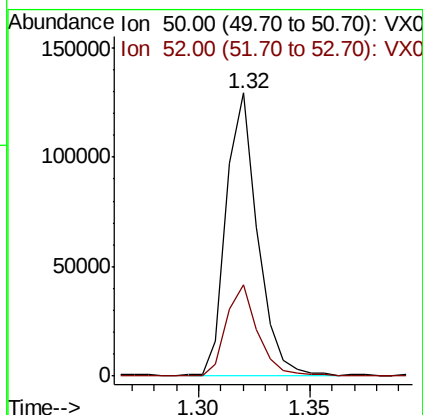
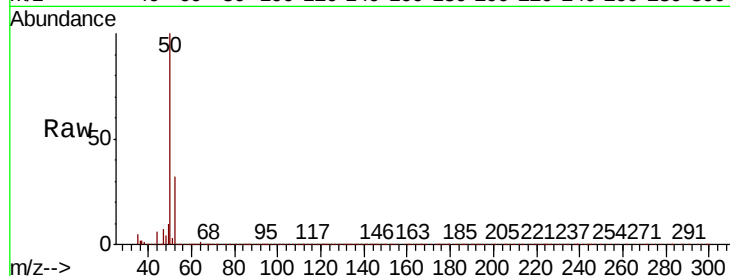




#3
Chloromethane
Concen: 19.365 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

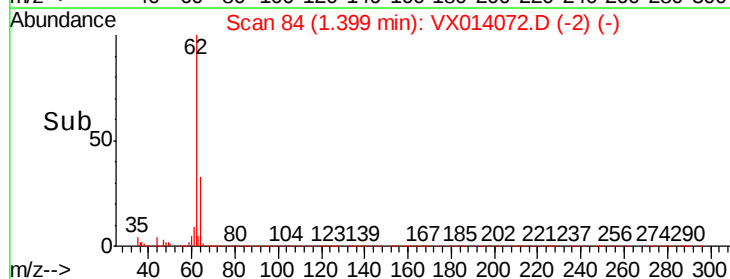
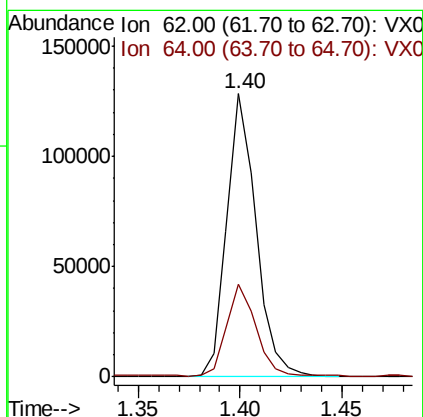
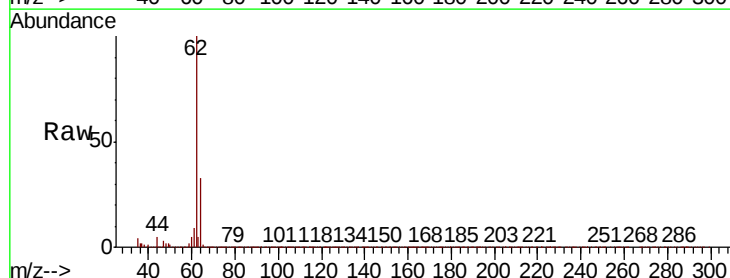
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

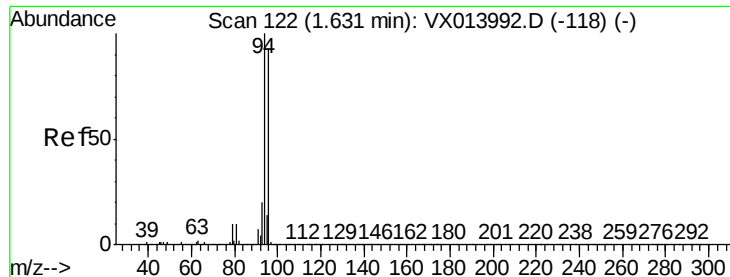
Tot Ion: 50 Resp: 125729
Ion Ratio Lower Upper
50 100
52 32.3 24.3 36.5



#4
Vinyl Chloride
Concen: 19.100 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion: 62 Resp: 127122
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8





#5

Bromomethane

Concen: 16.581 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

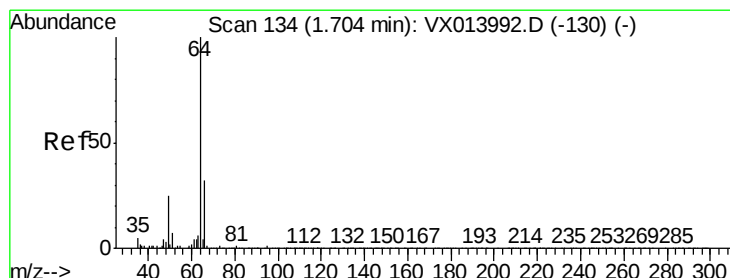
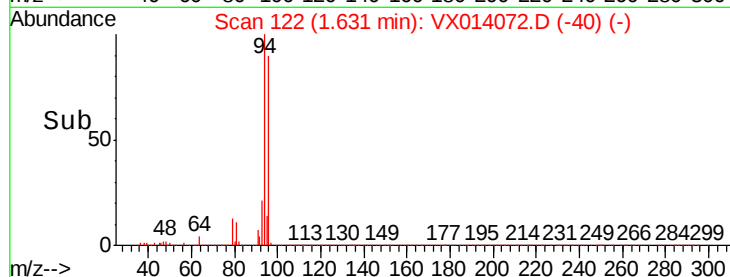
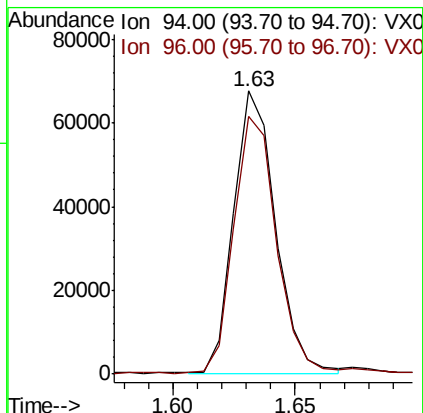
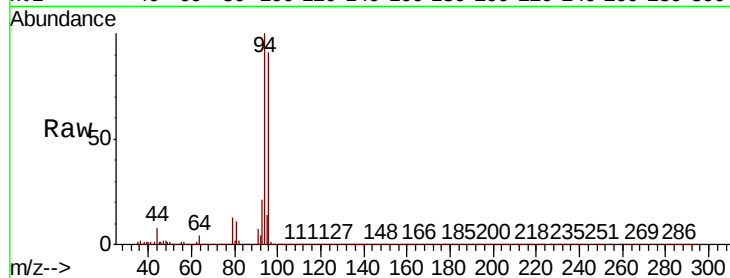
VX1217WBSD02

Tot Ion: 94 Resp: 80674

Ion Ratio Lower Upper

94 100

96 90.9 74.4 111.6



#6

Chloroethane

Concen: 19.502 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014072.D

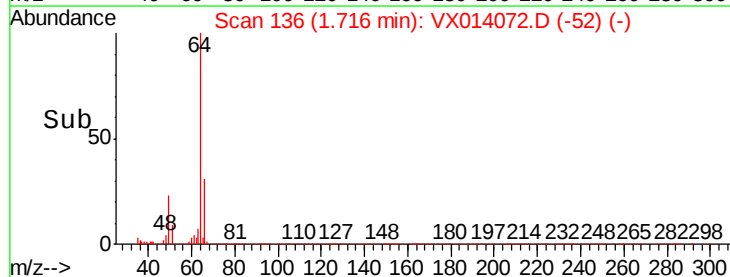
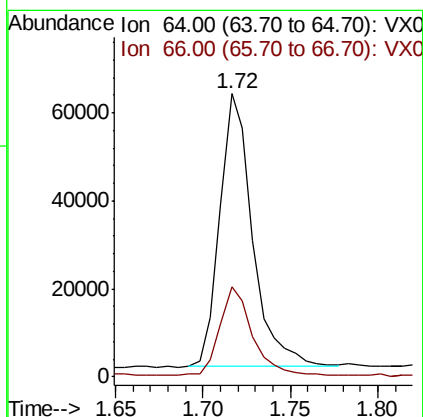
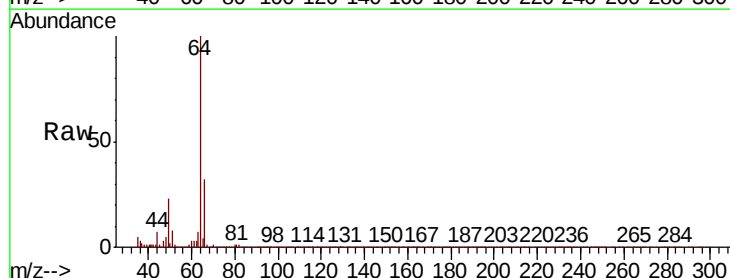
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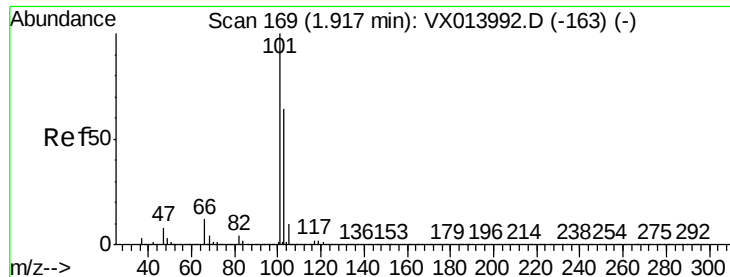
Tgt Ion: 64 Resp: 80174

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8



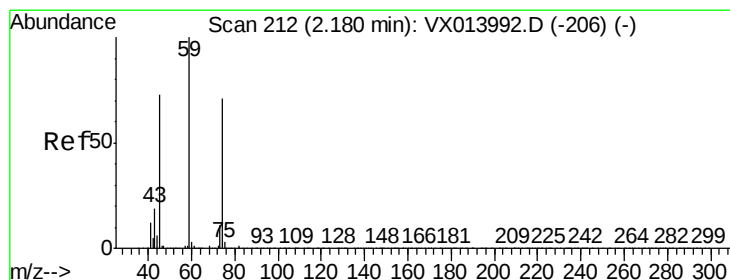
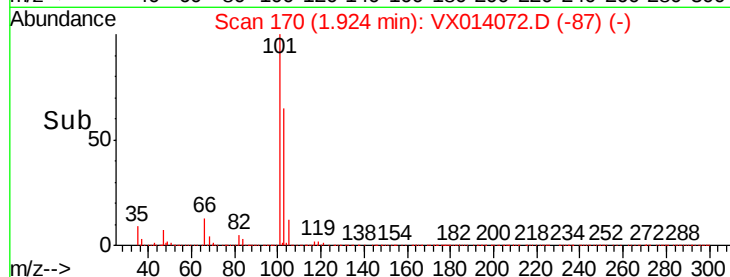
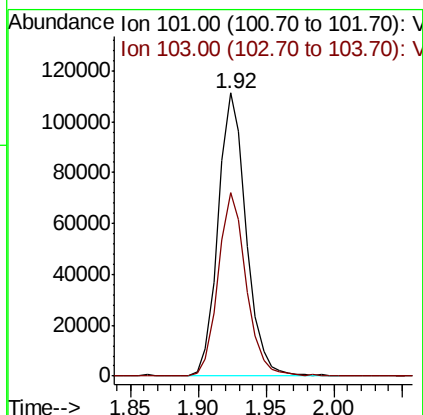
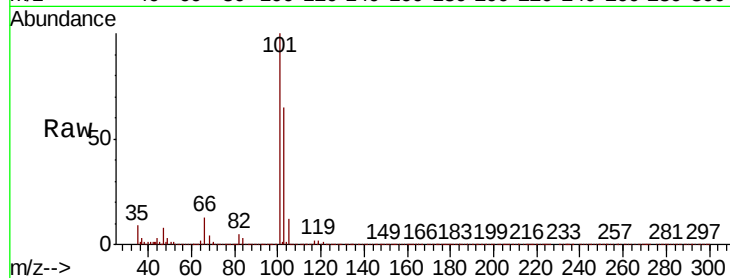


#7

Trichlorofluoromethane
Concen: 19.068 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

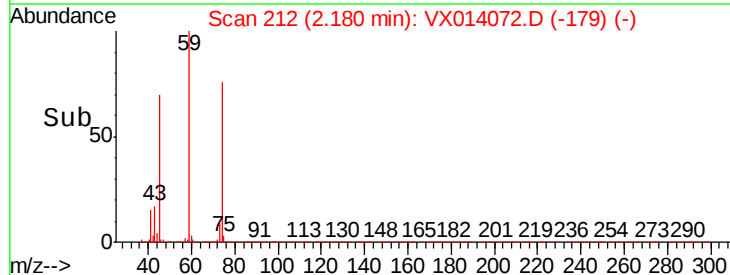
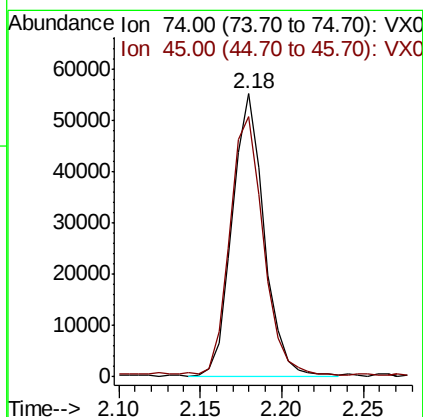
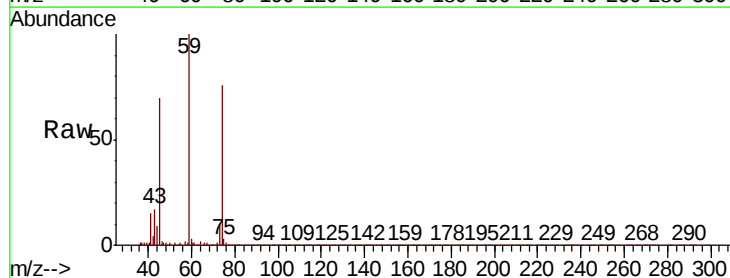
Tot Ion:101 Resp: 157919
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

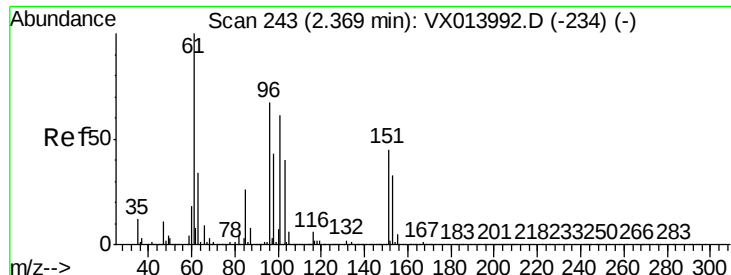


#8

Diethyl Ether
Concen: 19.698 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion: 74 Resp: 74986
Ion Ratio Lower Upper
74 100
45 96.1 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.813 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

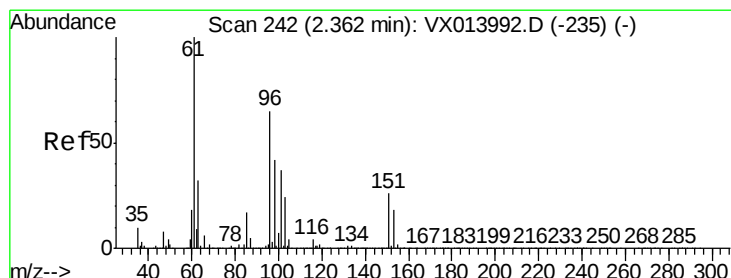
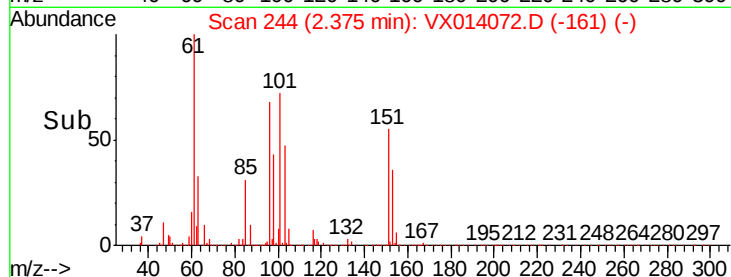
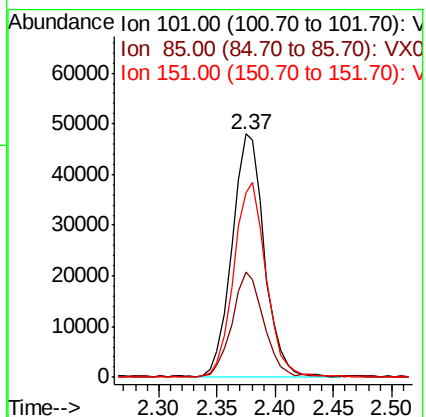
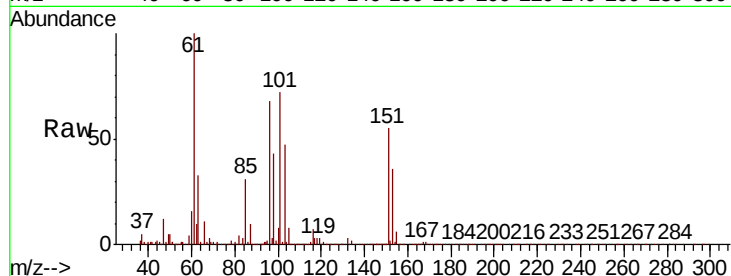
Tot Ion:101 Resp: 92928

Ion Ratio Lower Upper

101 100

85 42.0 0.0 85.6

151 79.6 0.0 159.4



#10

1,1-Dichloroethene

Concen: 19.183 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

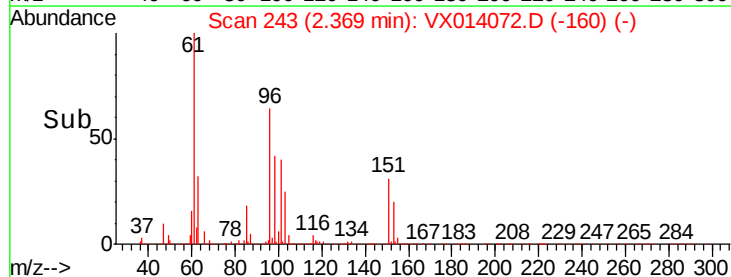
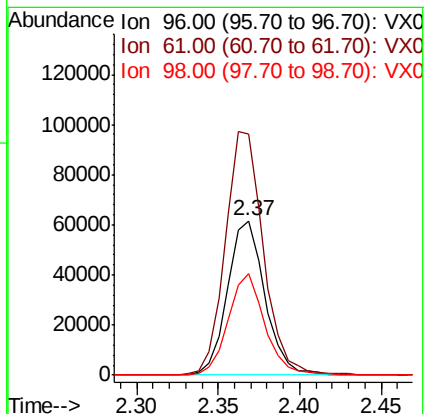
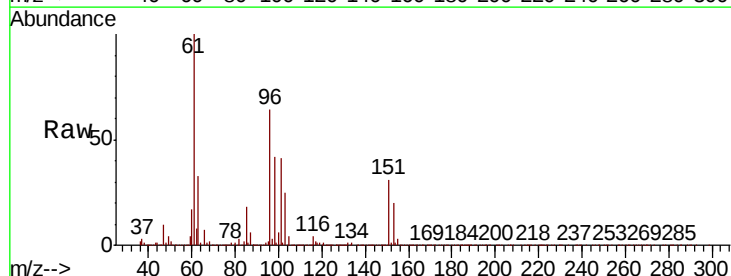
Tgt Ion: 96 Resp: 97960

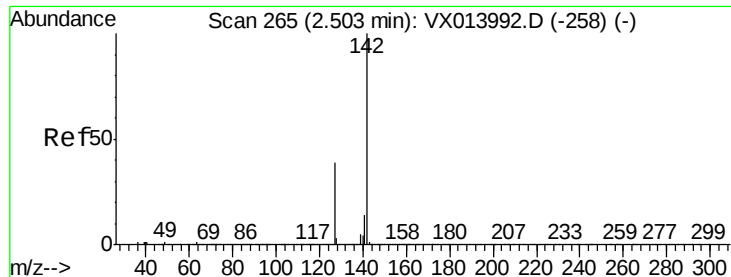
Ion Ratio Lower Upper

96 100

61 155.5 123.0 184.6

98 65.6 51.4 77.0

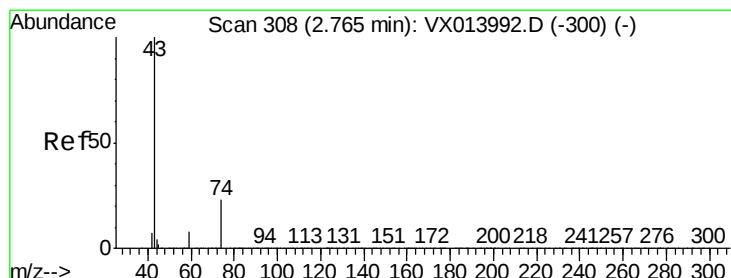
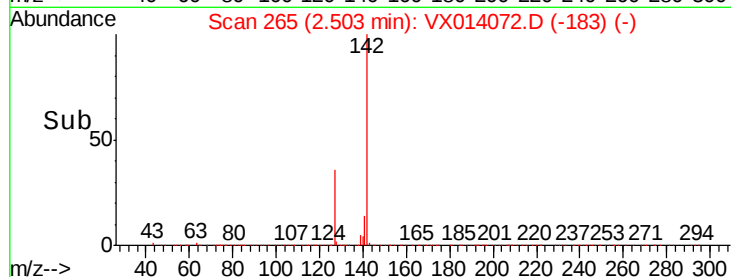
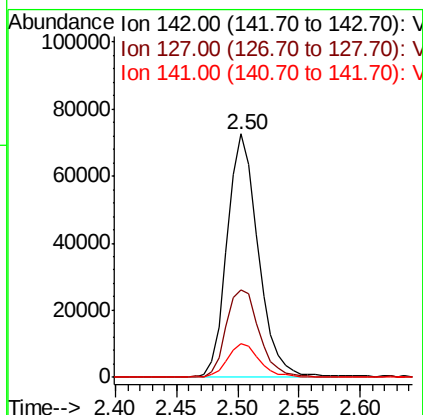
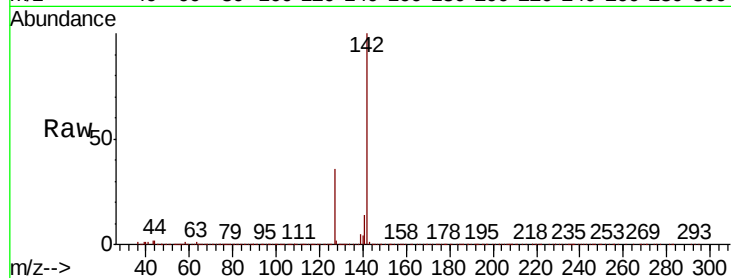




#11
Methvl Iodide
Concen: 19.339 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

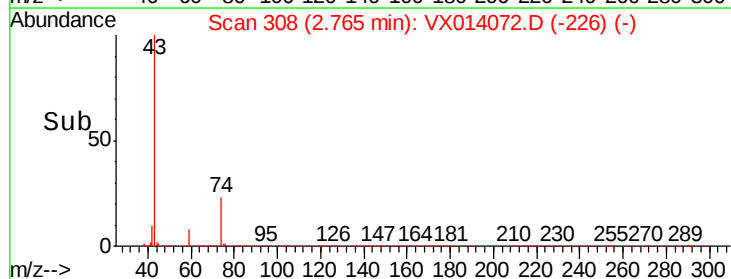
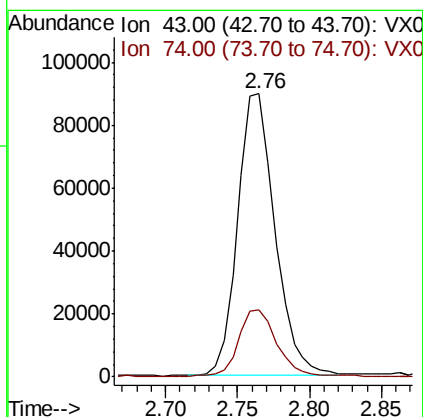
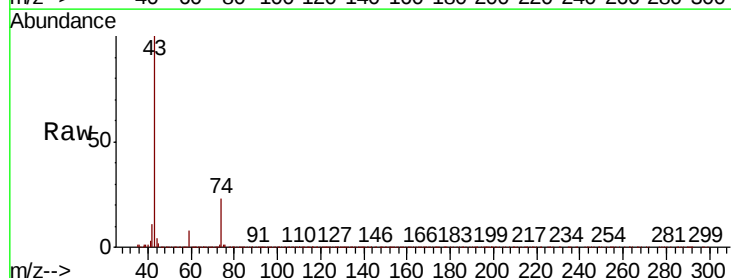
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

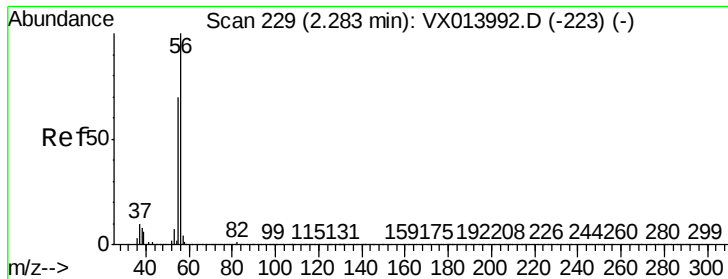
Tot Ion	Ratio	Lower	Upper
142	100		
127	36.0	19.5	58.5
141	13.5	7.0	20.9



#12
Methyl Acetate
Concen: 20.372 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.5	27.7

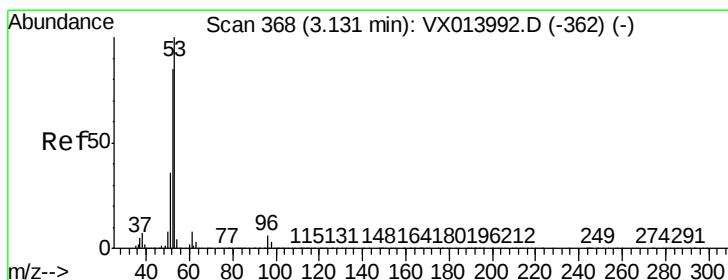
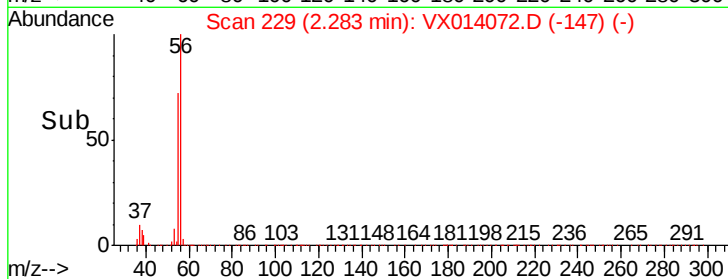
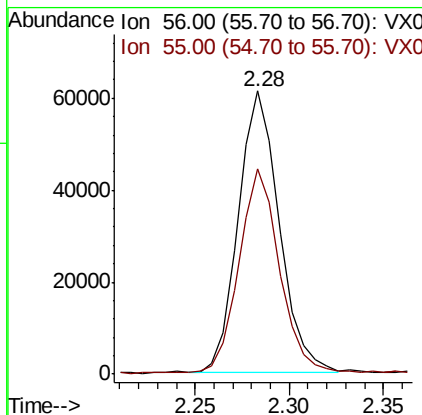
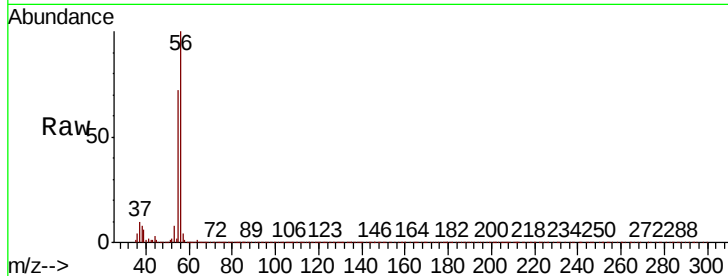




#13
Acrolein
Concen: 96.265 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

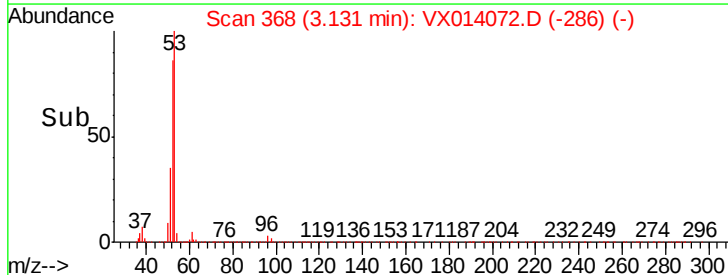
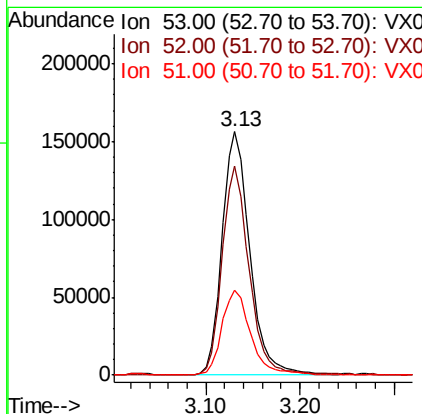
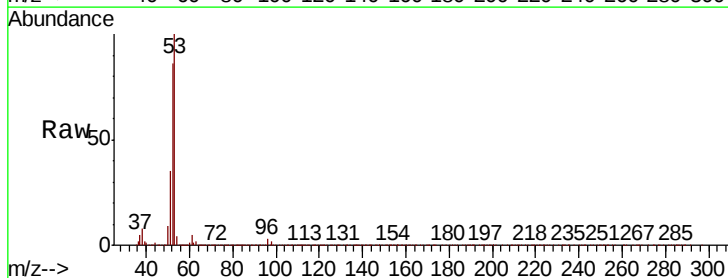
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

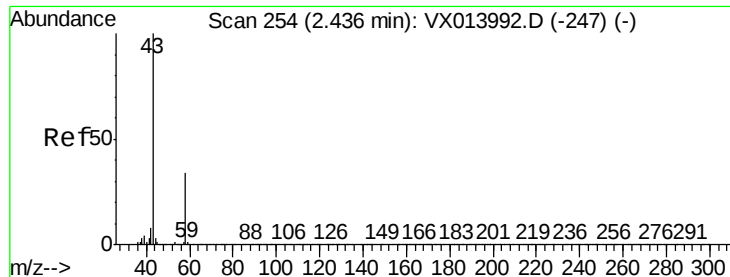
Tot Ion: 56 Resp: 92303
Ion Ratio Lower Upper
56 100
55 72.0 54.9 82.3



#14
Acrylonitrile
Concen: 102.713 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion: 53 Resp: 317437
Ion Ratio Lower Upper
53 100
52 83.1 41.5 124.6
51 36.4 17.8 53.5





#15

Acetone

Concen: 160.376 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

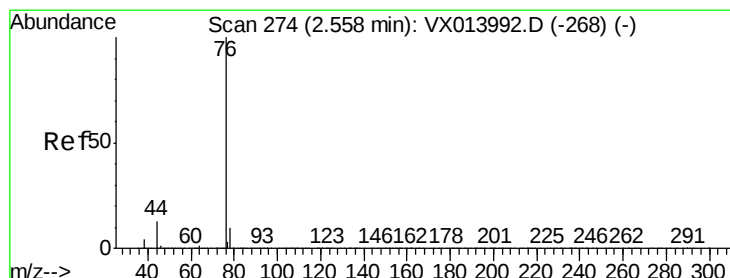
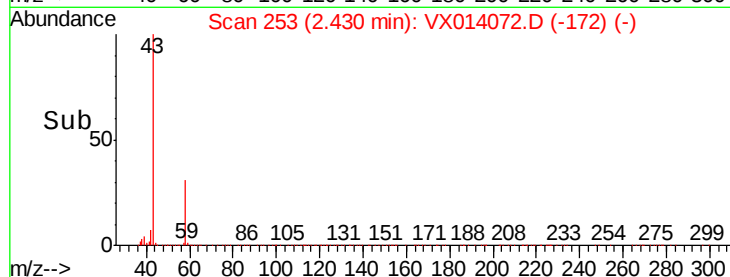
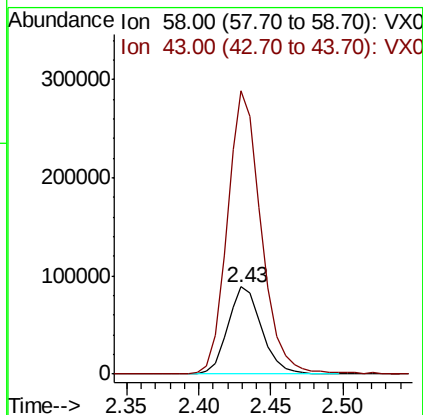
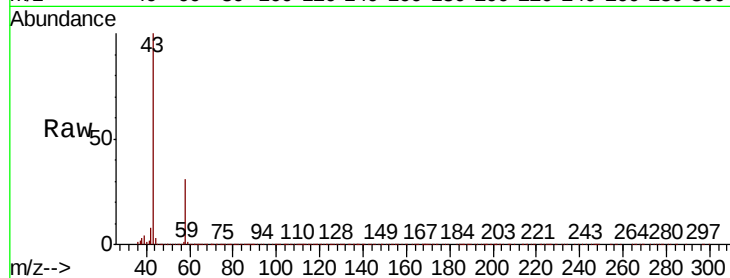
VX1217WBSD02

Tot Ion: 58 Resp: 145602

Ion Ratio Lower Upper

58 100

43 324.5 236.3 354.5



#16

Carbon Disulfide

Concen: 19.486 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014072.D

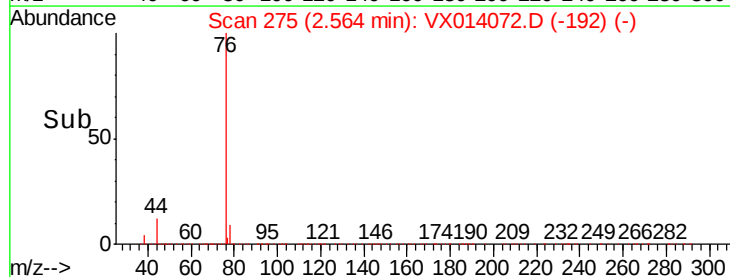
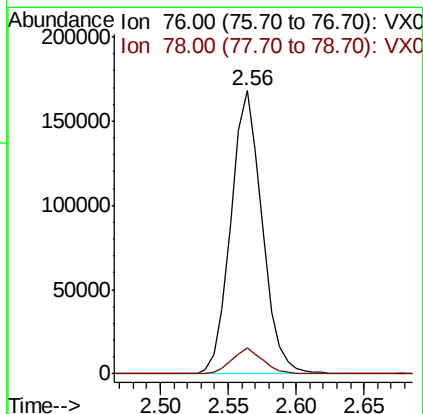
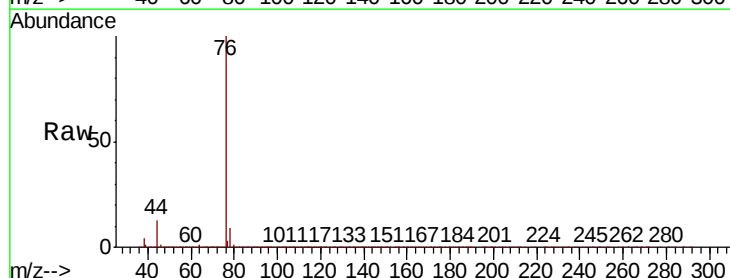
Acq: 18 Dec 2019 00:45

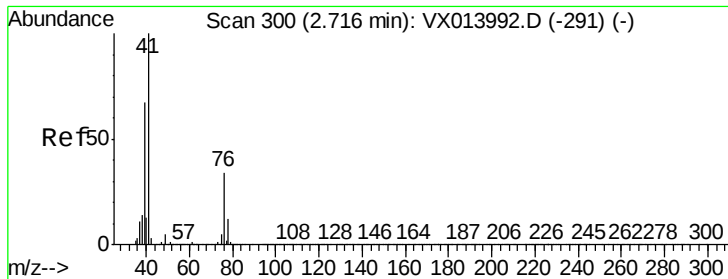
Tgt Ion: 76 Resp: 269570

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8

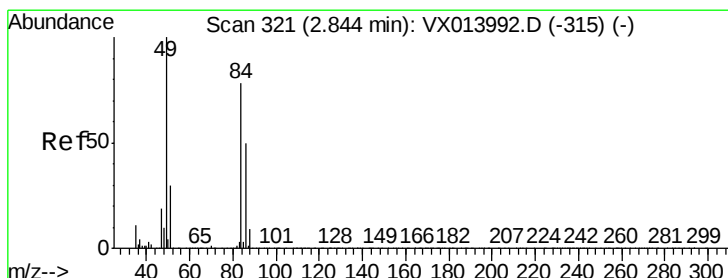
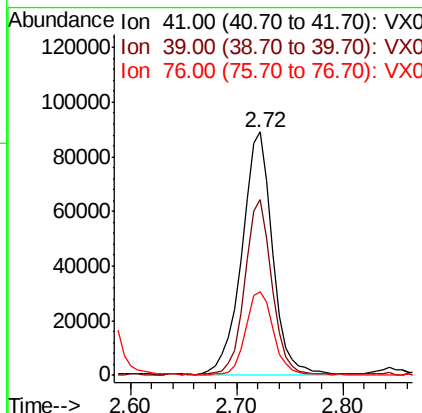
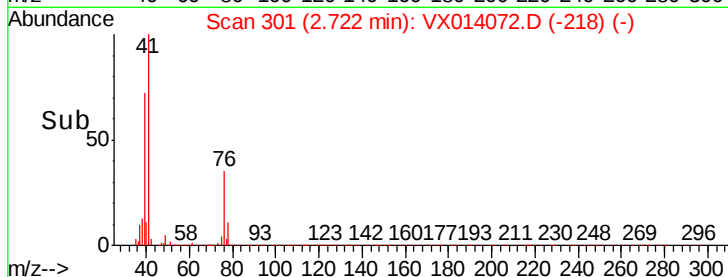
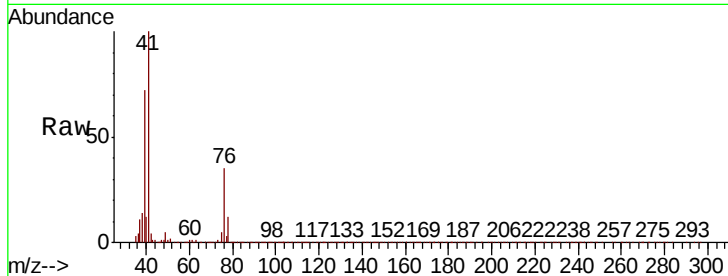




#17
Allvl chloride
Concen: 19.551 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

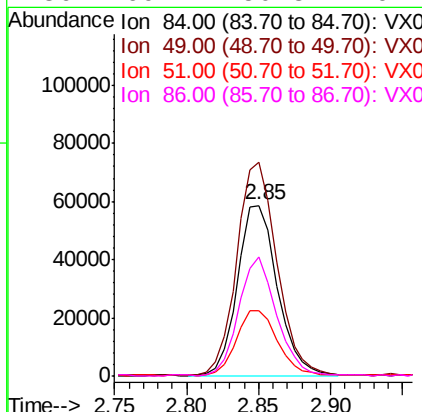
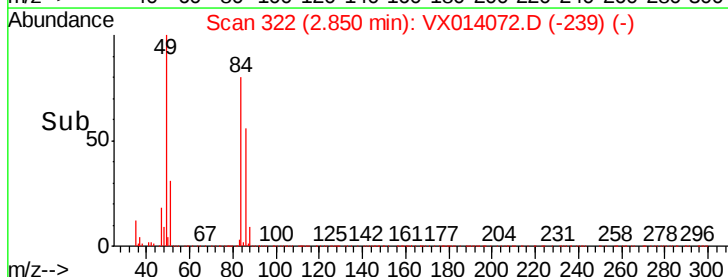
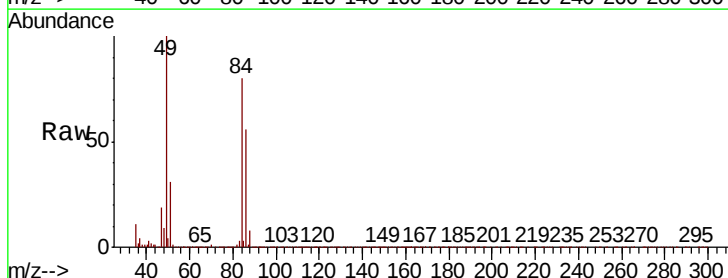
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

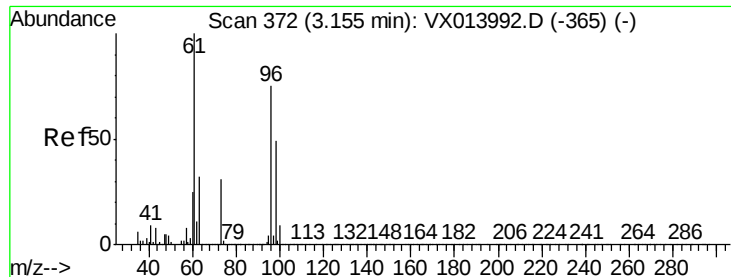
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.7	33.4	100.2
76	34.1	17.0	50.9



#18
Methylene Chloride
Concen: 18.120 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.6	102.2	153.2
51	37.8	31.4	47.0
86	69.4	50.8	76.2

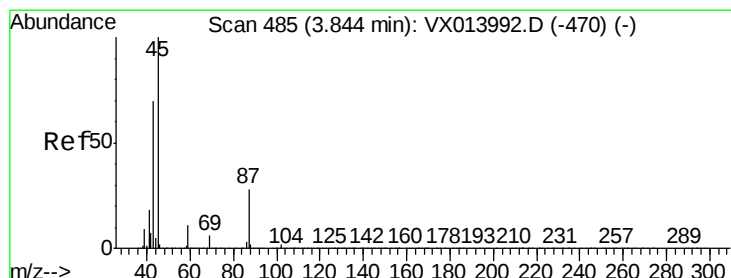
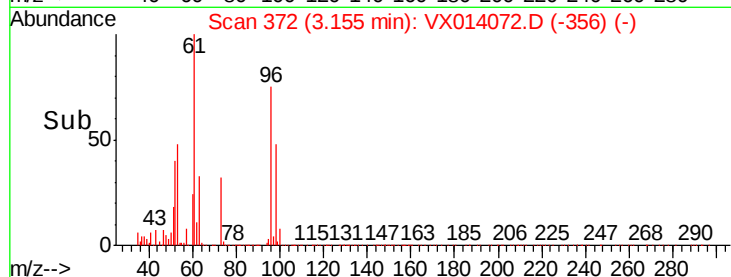
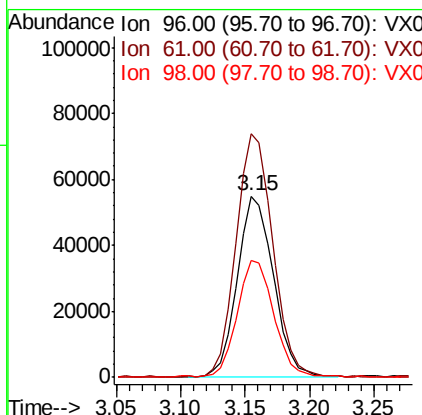
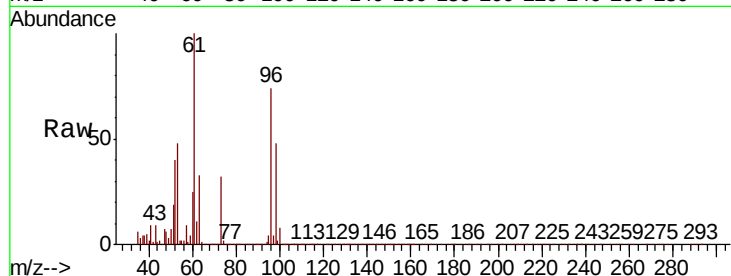




#19
trans-1,2-Dichloroethene
Concen: 19.073 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

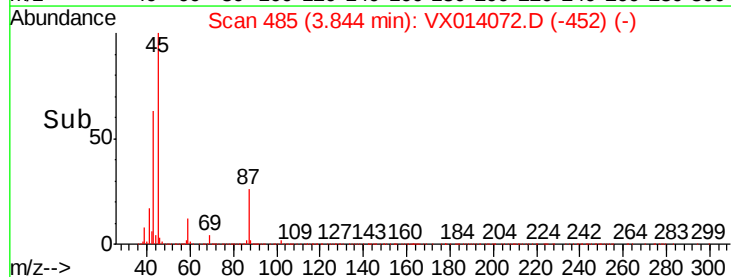
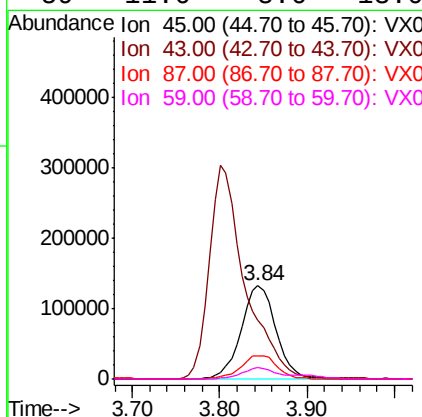
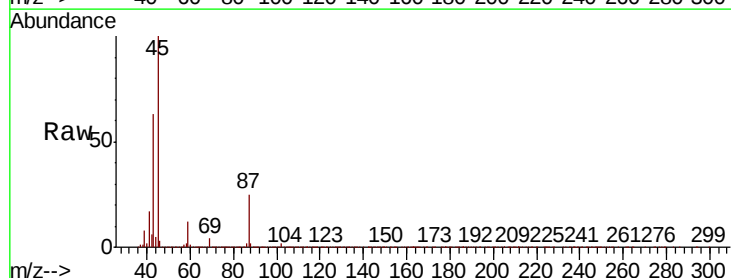
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

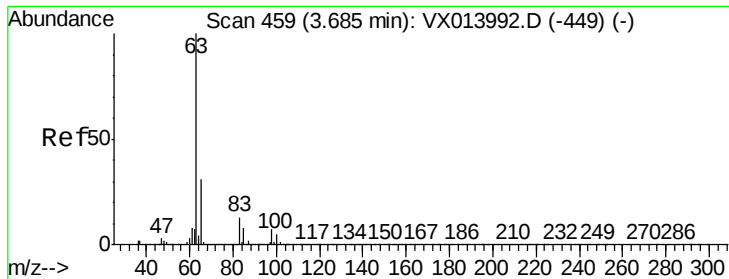
Tot Ion: 96 Resp: 106657
Ion Ratio Lower Upper
96 100
61 134.0 106.6 159.8
98 64.0 51.6 77.4



#20
Diisopropyl ether
Concen: 19.233 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion: 45 Resp: 362147
Ion Ratio Lower Upper
45 100
43 62.2 55.9 83.9
87 25.4 22.2 33.2
59 11.6 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.182 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

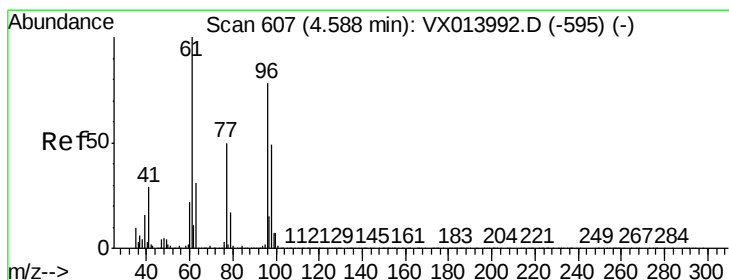
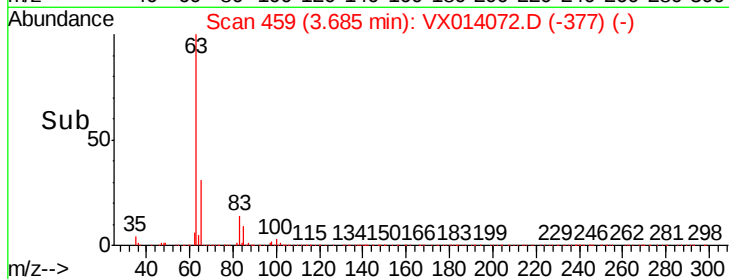
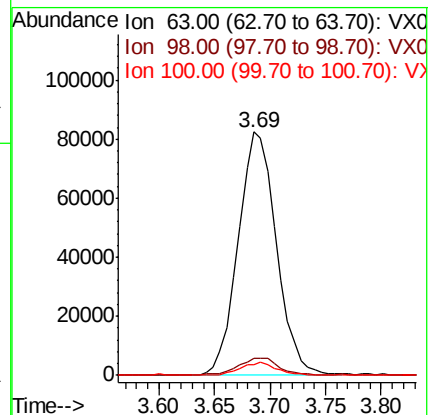
Tot Ion: 63 Resp: 196022

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.0 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 18.944 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

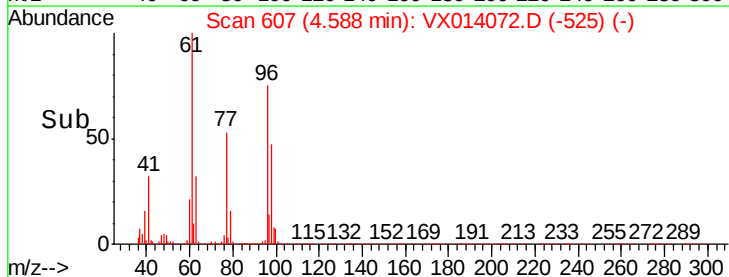
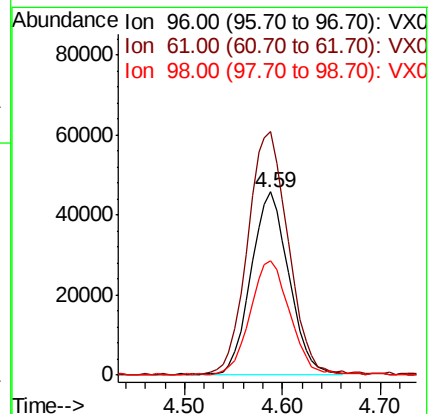
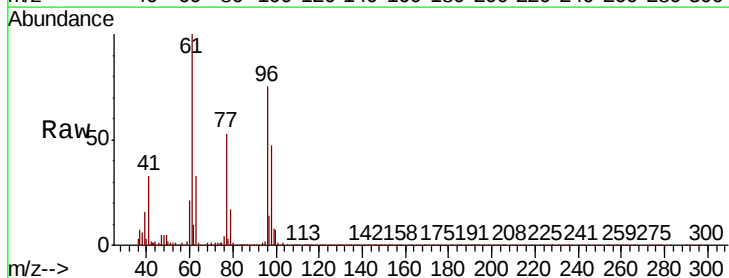
Tgt Ion: 96 Resp: 122804

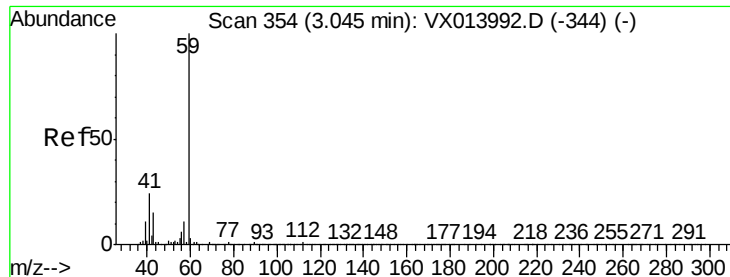
Ion Ratio Lower Upper

96 100

61 143.2 112.4 168.6

98 64.4 50.3 75.5



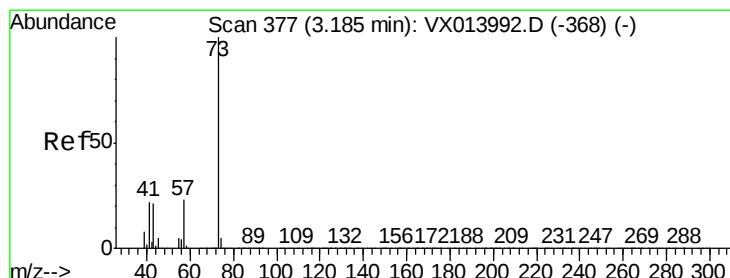
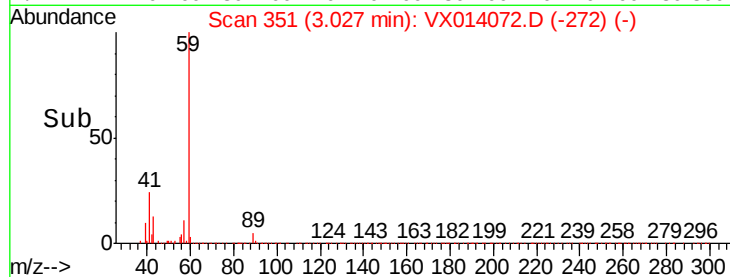
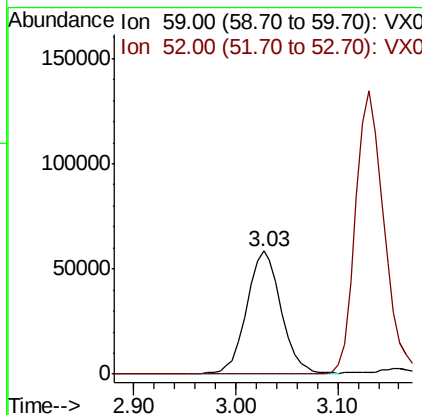
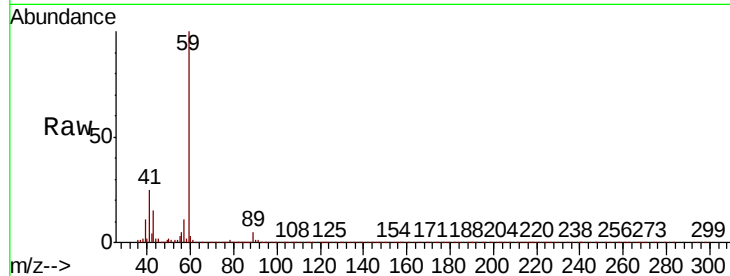


#23

tert-Butyl Alcohol
 Concen: 113.370 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

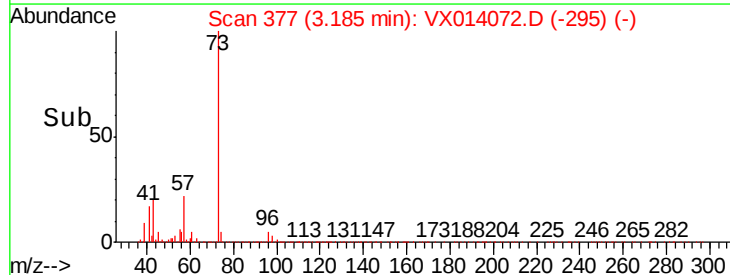
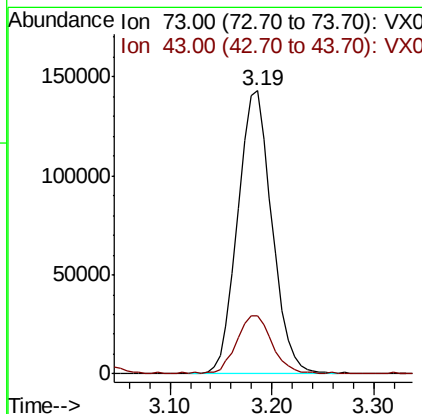
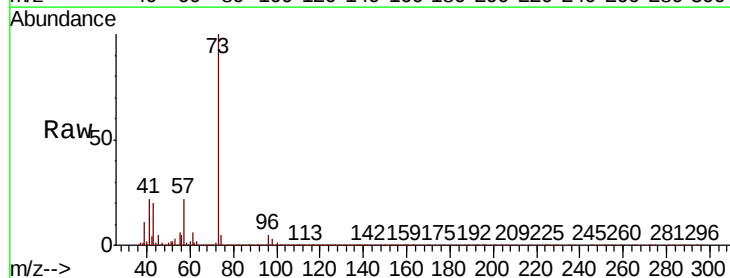
Tot Ion: 59 Resp: 137426
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

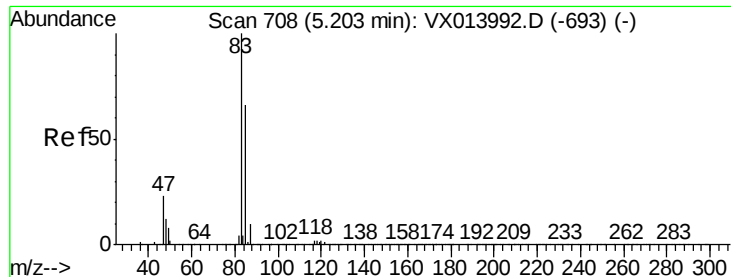


#24

Methyl tert-Butyl Ether
 Concen: 19.270 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Tgt Ion: 73 Resp: 332407
 Ion Ratio Lower Upper
 73 100
 43 20.7 16.6 25.0





#25

Chloroform

Concen: 19.631 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

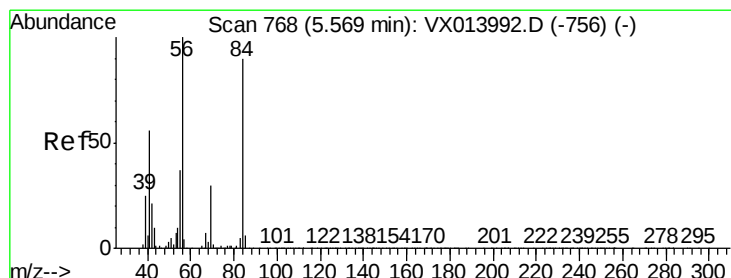
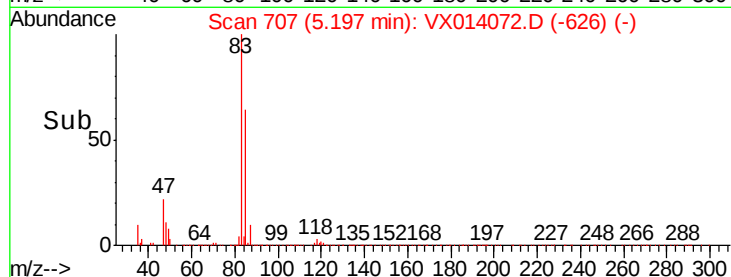
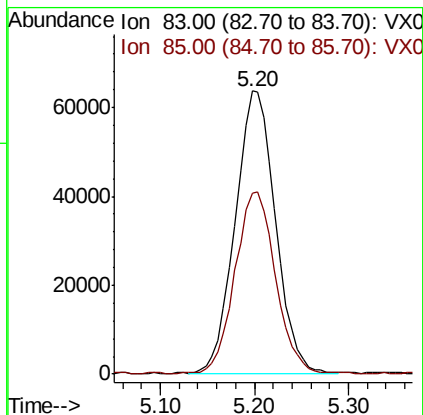
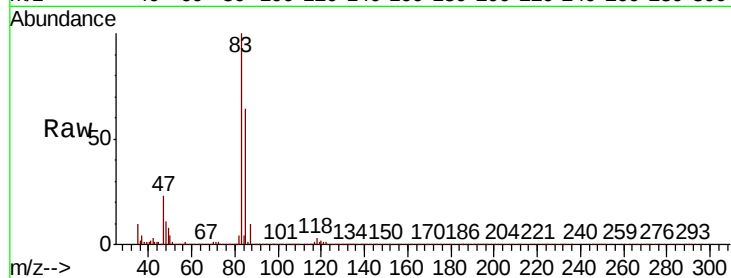
VX1217WBSD02

Tot Ion: 83 Resp: 191258

Ion Ratio Lower Upper

83 100

85 63.7 52.7 79.1



#26

Cyclohexane

Concen: 18.806 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

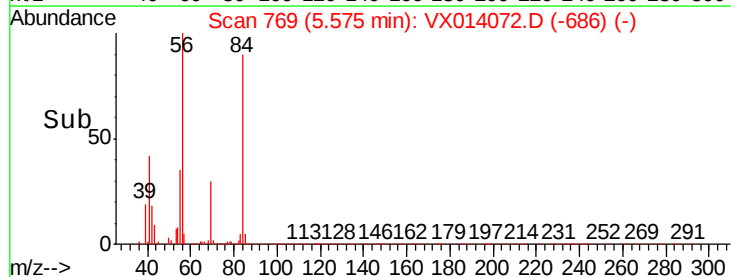
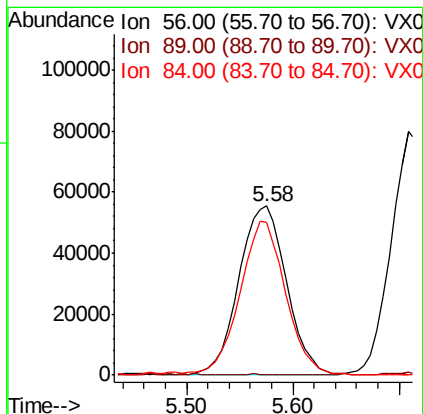
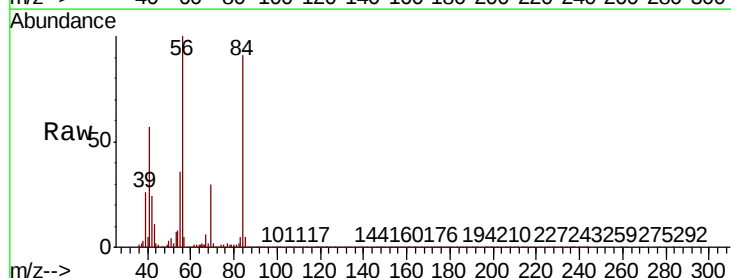
Tgt Ion: 56 Resp: 171363

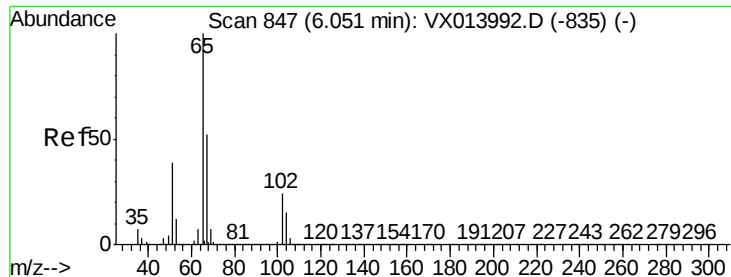
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.1 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.151 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

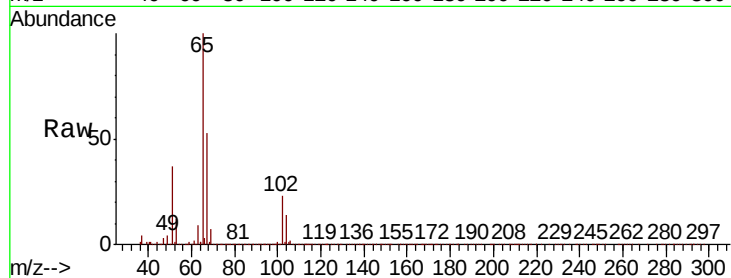
VX1217WBSD02

Tot Ion: 65 Resp: 190389

Ion Ratio Lower Upper

65 100

67 54.1 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.05

80000

60000

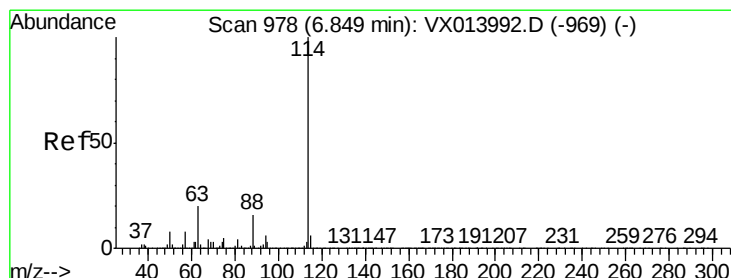
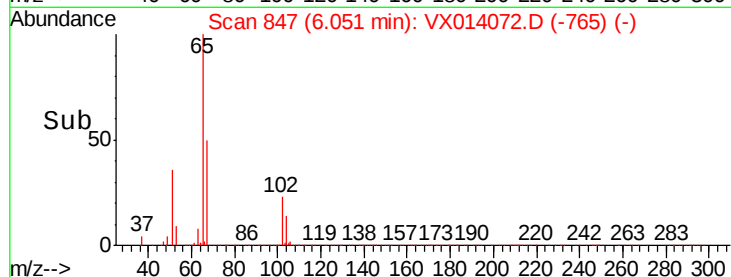
40000

20000

0

6.00 6.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

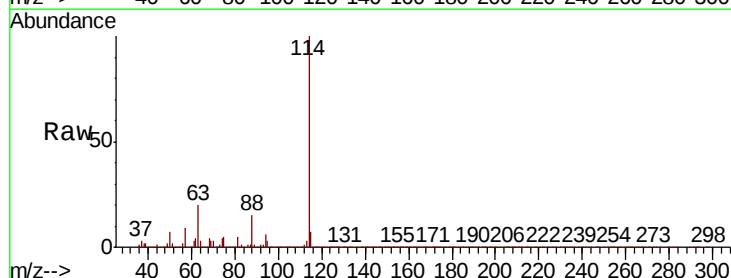
Tgt Ion: 114 Resp: 498494

Ion Ratio Lower Upper

114 100

63 20.5 16.1 24.1

88 16.0 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.85

250000

200000

150000

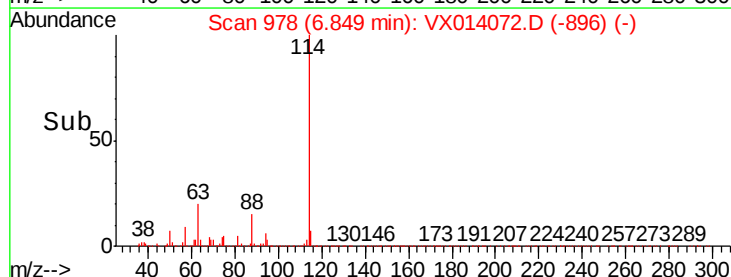
100000

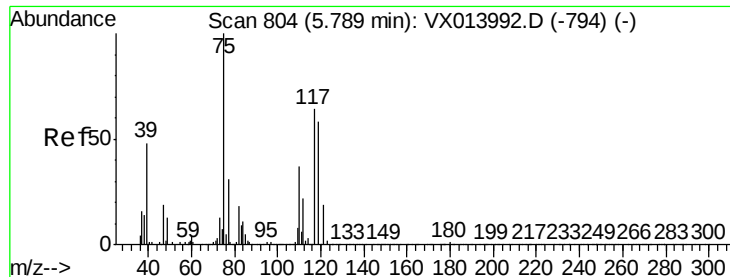
50000

0

6.80 6.90 7.00

Time-->





#29

1,1-Dichloropropene

Concen: 20.240 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

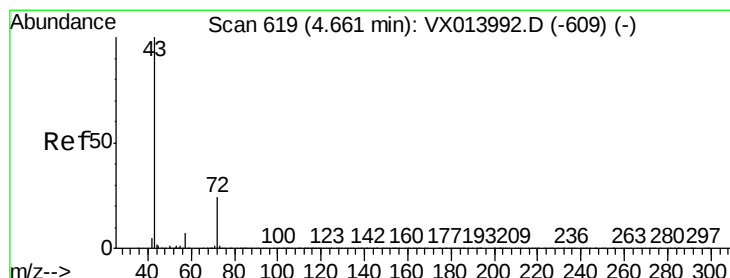
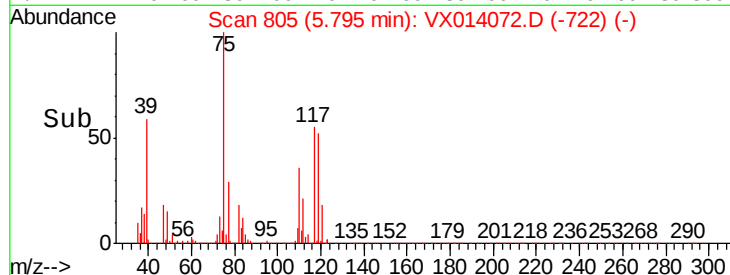
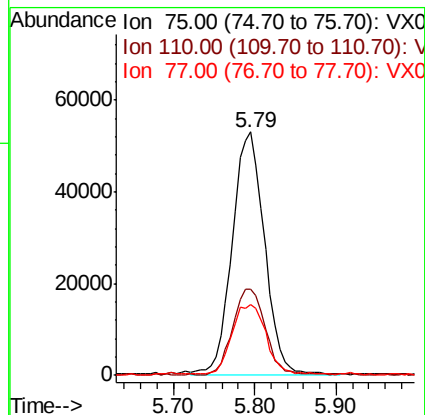
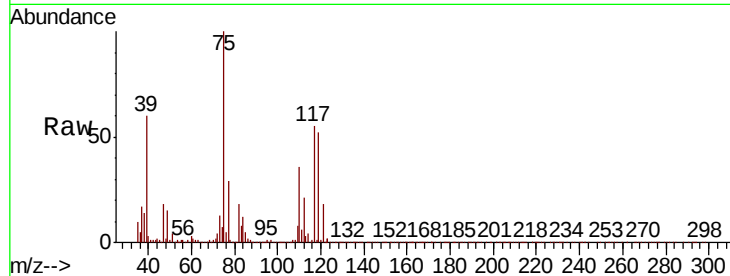
Tot Ion: 75 Resp: 145739

Ion Ratio Lower Upper

75 100

110 35.3 0.0 73.8

77 30.2 0.0 62.4



#30

2-Butanone

Concen: 127.373 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

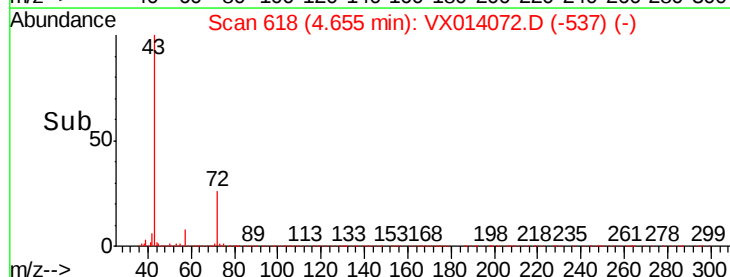
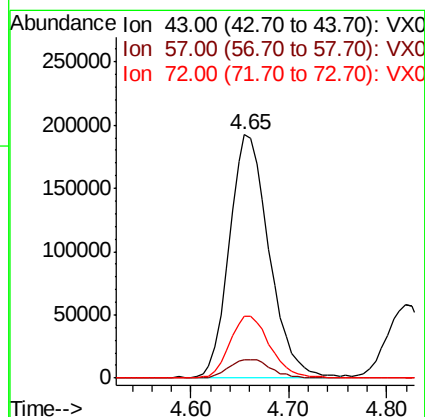
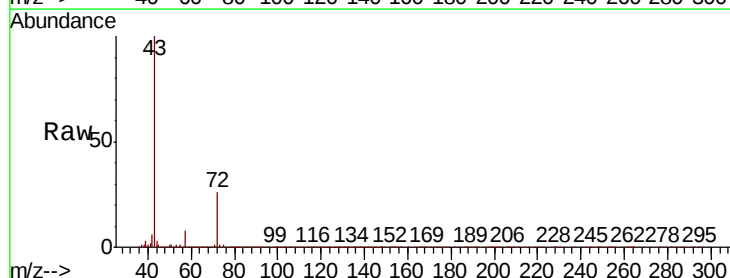
Tgt Ion: 43 Resp: 540597

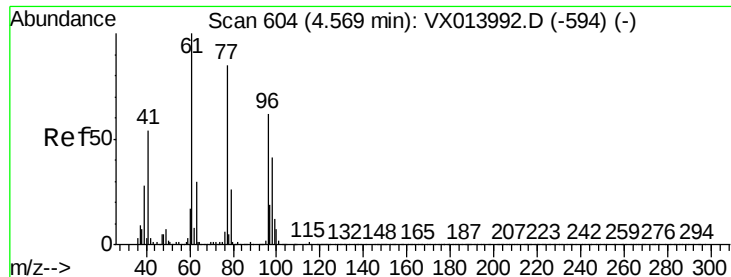
Ion Ratio Lower Upper

43 100

57 7.9 6.2 9.2

72 25.5 20.3 30.5





#31

2,2-Dichloropropane

Concen: 19.077 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

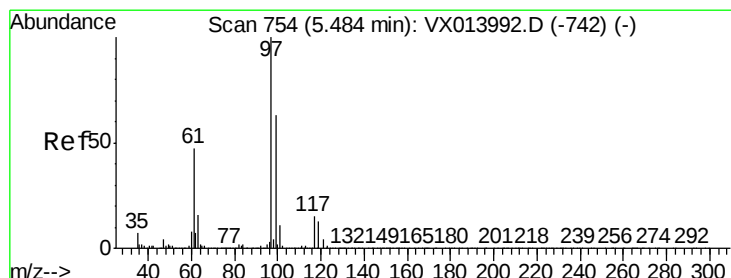
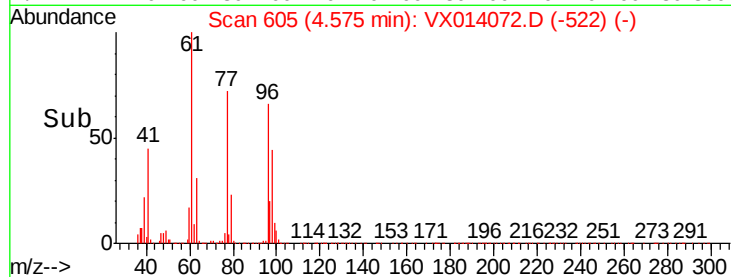
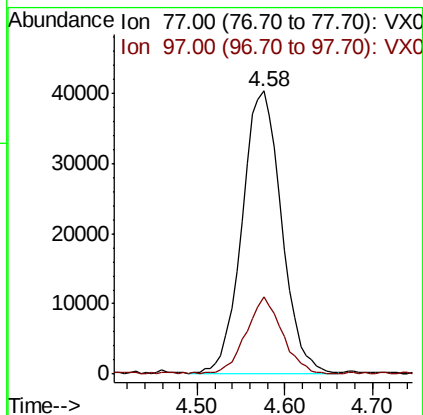
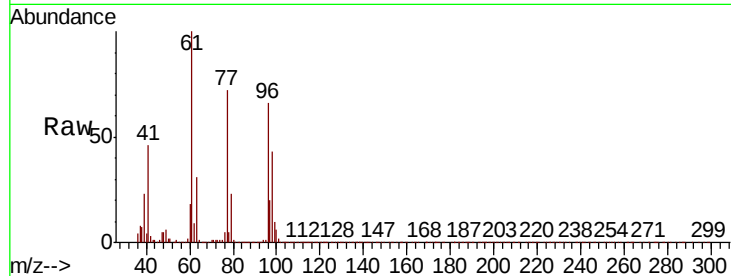
VX1217WBSD02

Tot Ion: 77 Resp: 127066

Ion Ratio Lower Upper

77 100

97 24.8 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.675 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

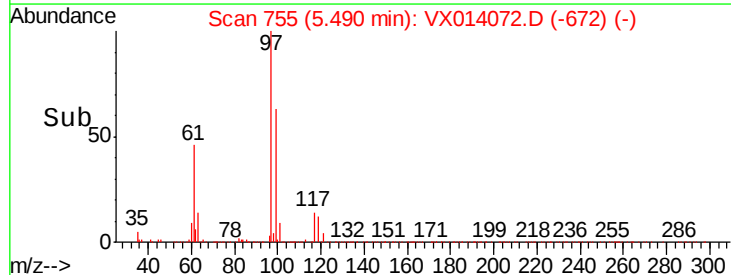
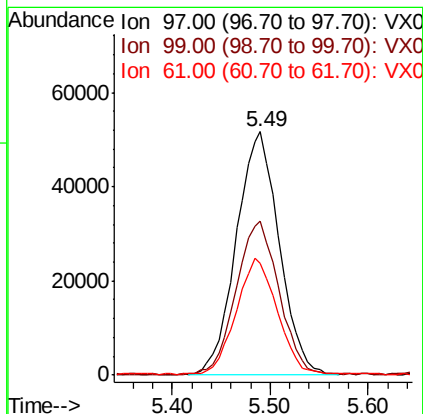
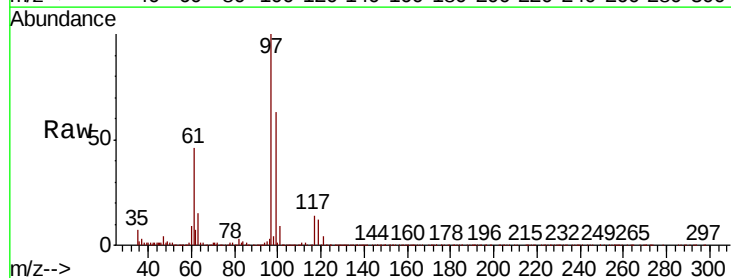
Tgt Ion: 97 Resp: 156701

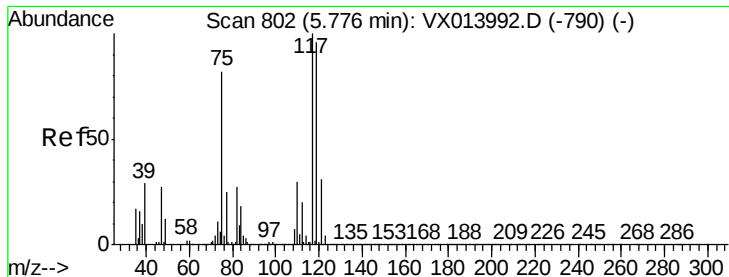
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 46.1 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.330 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

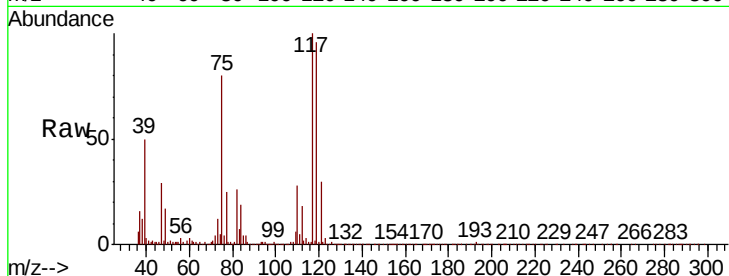
Tot Ion:117 Resp: 130867

Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8

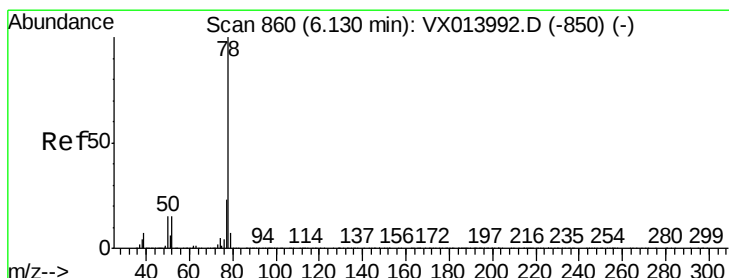
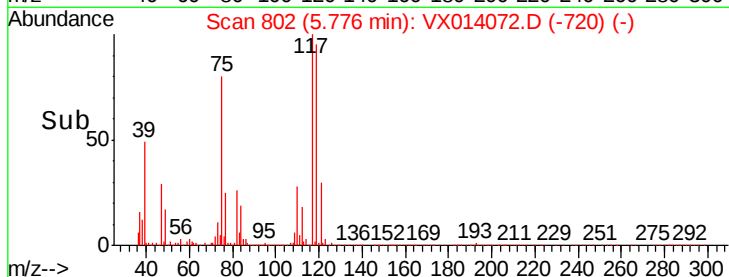
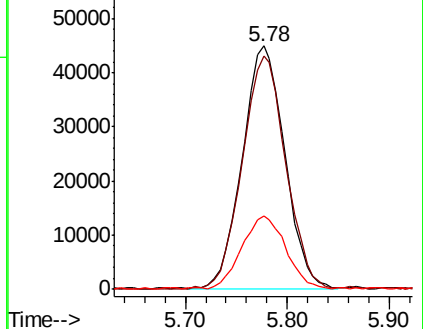
121 29.9 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.909 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

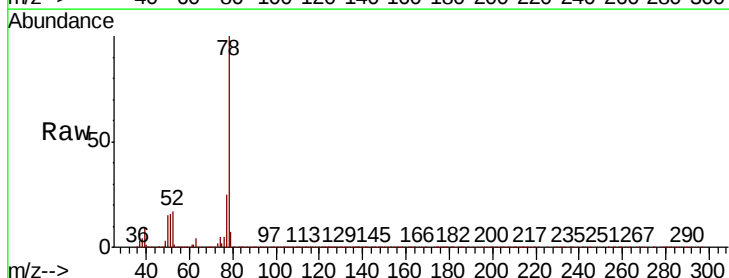
Tgt Ion: 78 Resp: 447011

Ion Ratio Lower Upper

78 100

77 24.6 18.2 27.2

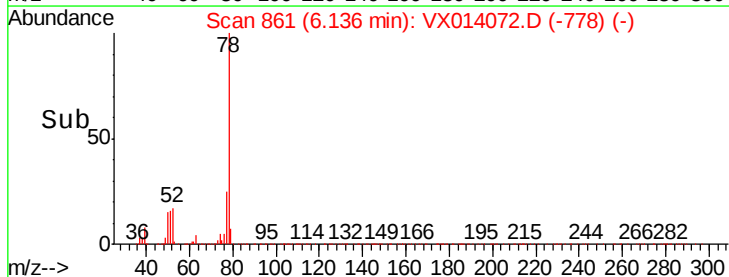
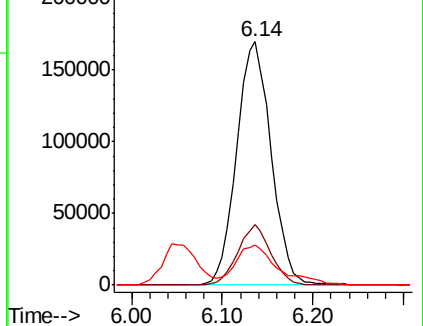
51 15.9 12.4 18.6

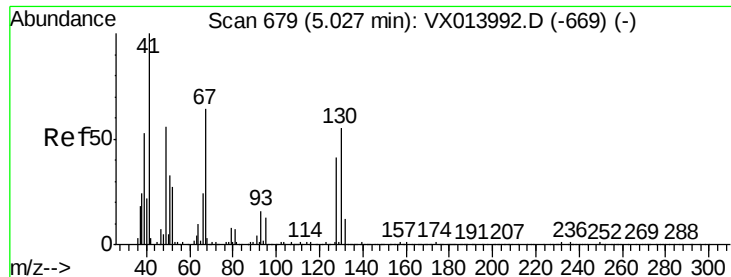


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

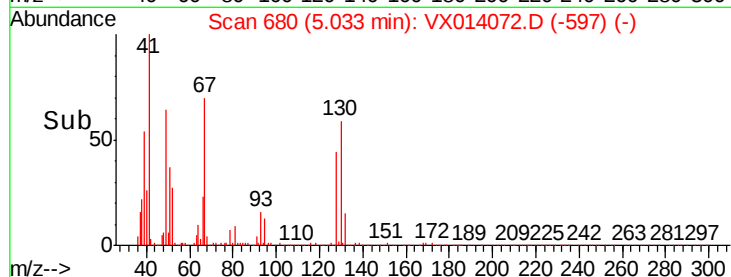
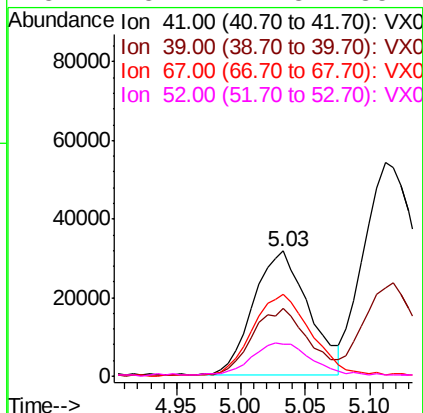
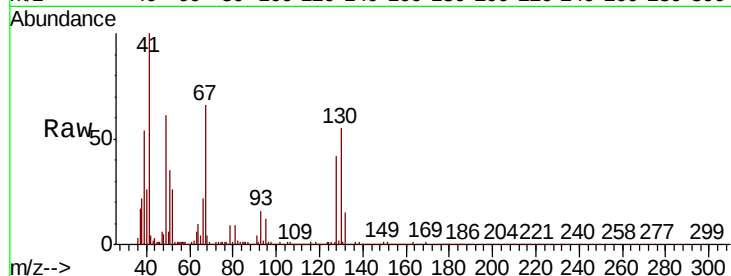




#35
Methacrylonitrile
Concen: 20.537 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

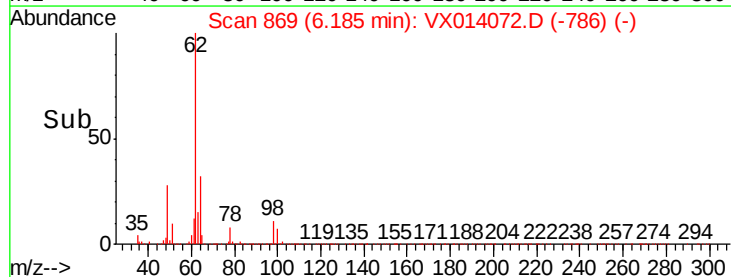
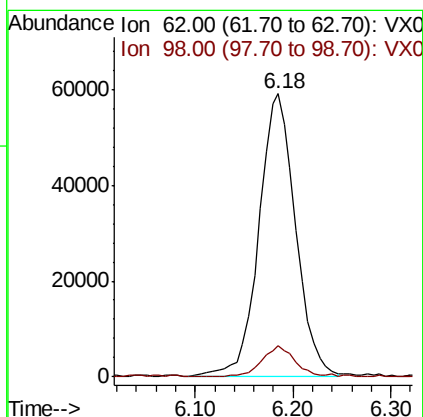
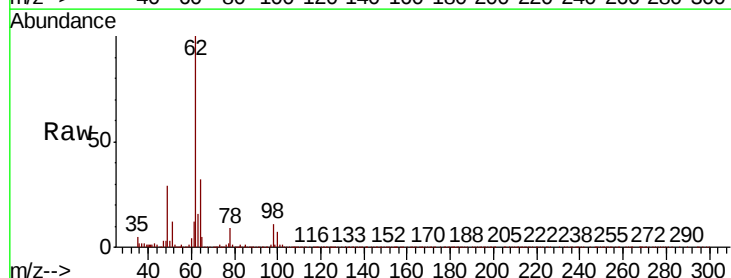
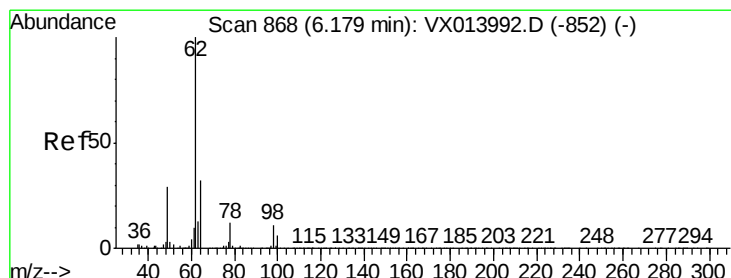
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

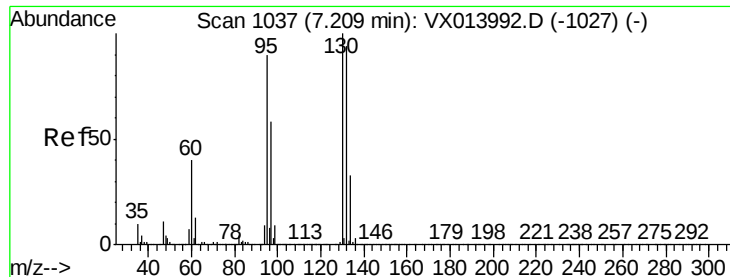
Tot Ion:	41	Resp:	93743
Ion	Ratio	Lower	Upper
41	100		
39	53.5	26.7	80.1
67	66.1	31.5	94.5
52	25.1	12.8	38.4



#36
1,2-Dichloroethane
Concen: 19.633 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion:	62	Resp:	153123
Ion	Ratio	Lower	Upper
62	100		
98	10.4	8.4	12.6

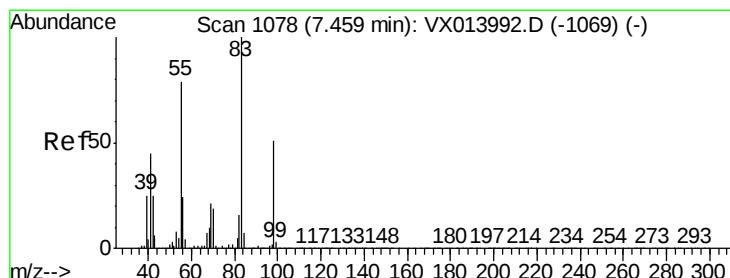
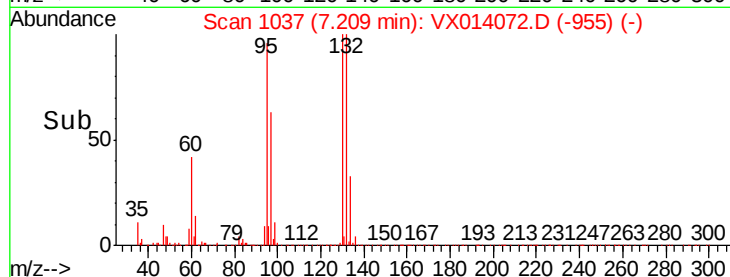
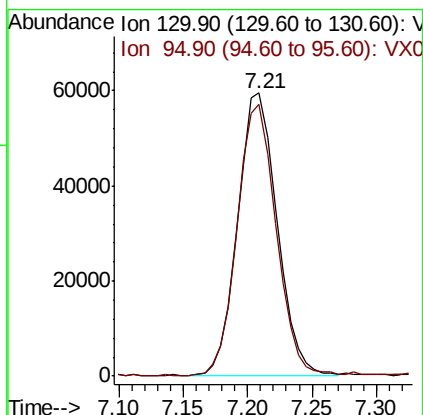
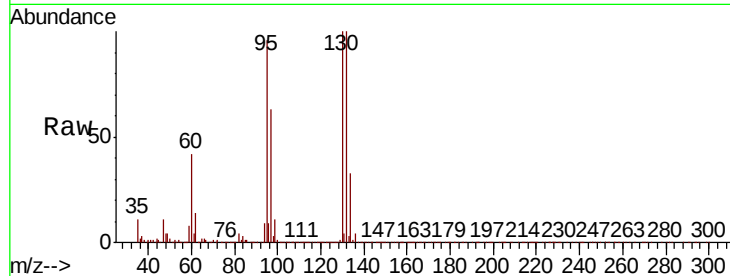




#37
 Trichloroethene
 Concen: 20.588 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

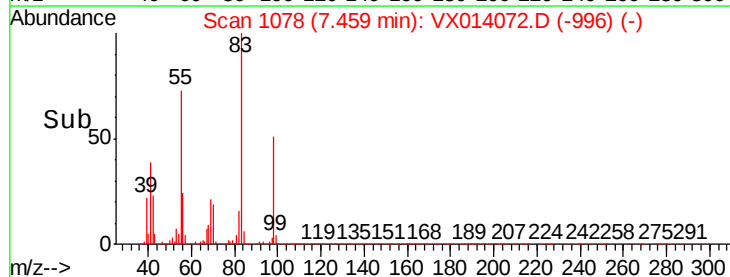
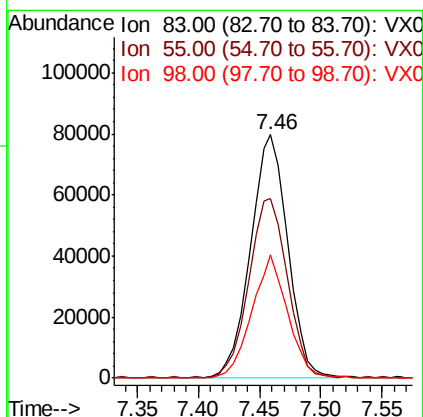
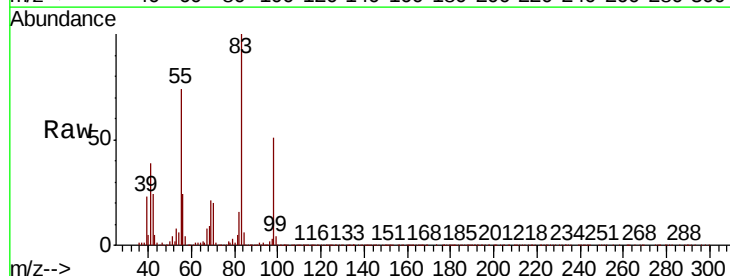
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

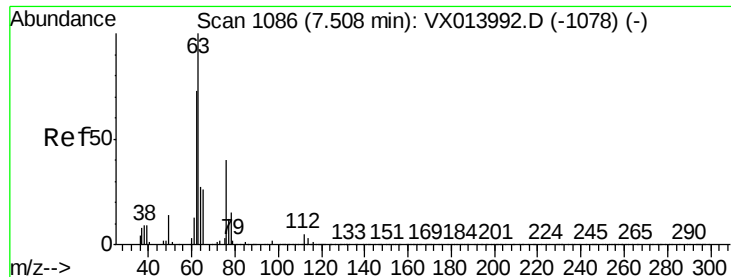
Tot Ion:130 Resp: 125780
 Ion Ratio Lower Upper
 130 100
 95 96.1 71.7 107.5



#38
 Methylcyclohexane
 Concen: 19.709 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Tgt Ion: 83 Resp: 169285
 Ion Ratio Lower Upper
 83 100
 55 75.5 39.4 118.1
 98 48.5 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.769 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

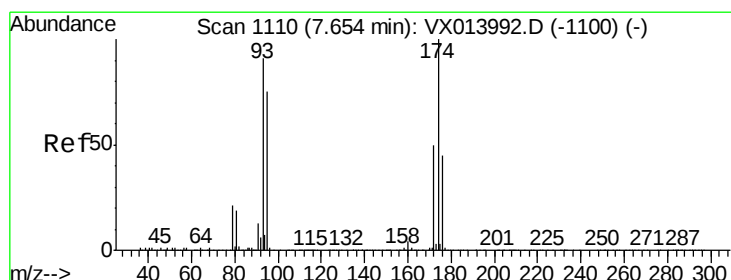
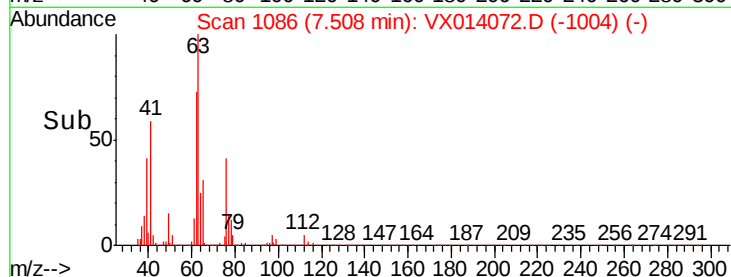
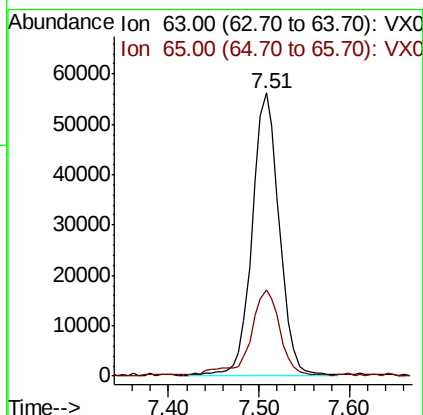
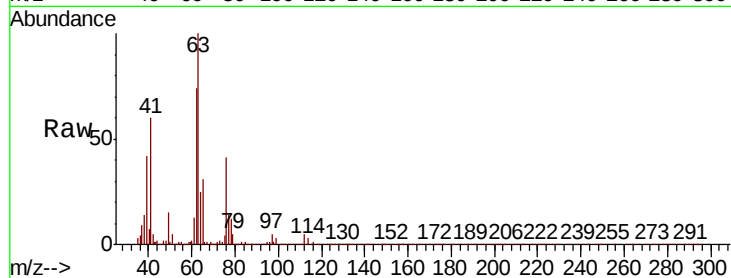
VX1217WBSD02

Tot Ion: 63 Resp: 115284

Ion Ratio Lower Upper

63 100

65 30.3 22.1 33.1



#40

Dibromomethane

Concen: 20.012 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

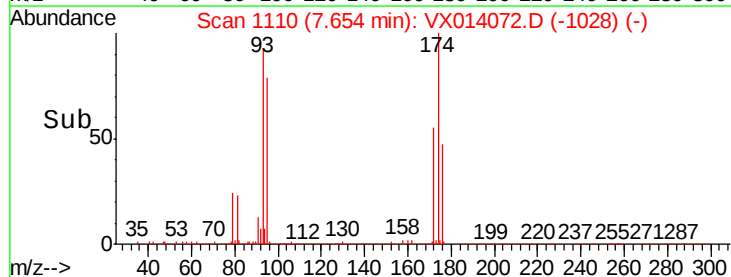
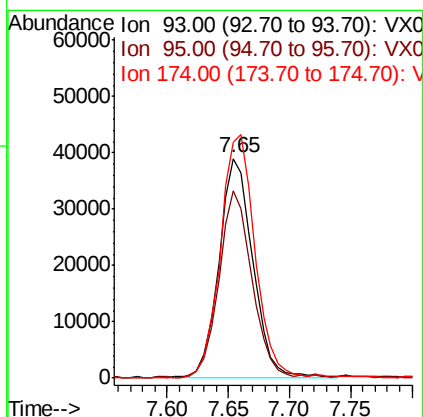
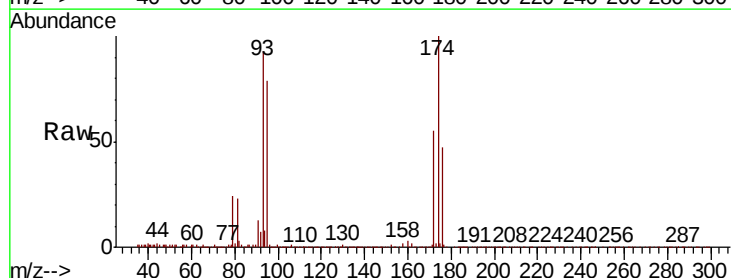
Tgt Ion: 93 Resp: 74550

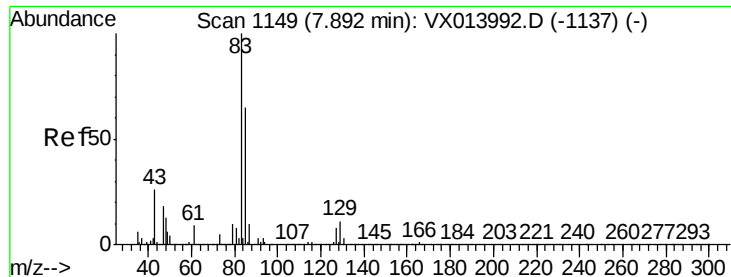
Ion Ratio Lower Upper

93 100

95 82.4 0.0 164.4

174 113.2 0.0 228.8





#41

Bromodichloromethane

Concen: 19.545 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

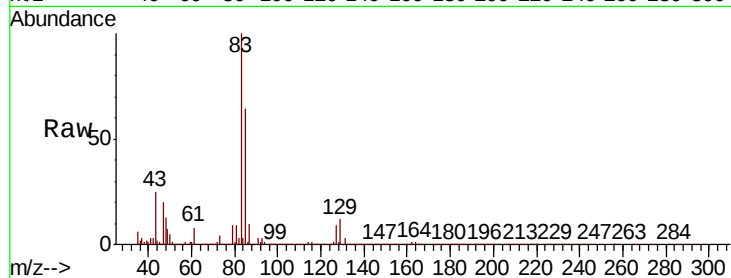
Tot Ion: 83 Resp: 140985

Ion Ratio Lower Upper

83 100

85 64.3 51.6 77.4

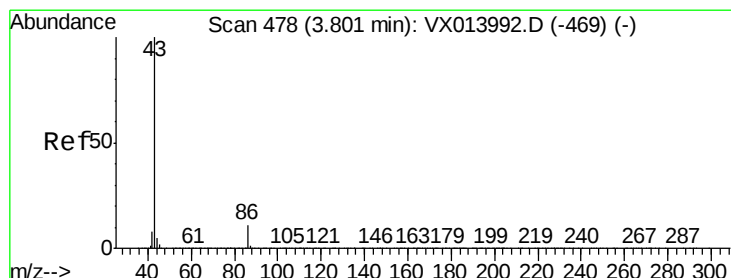
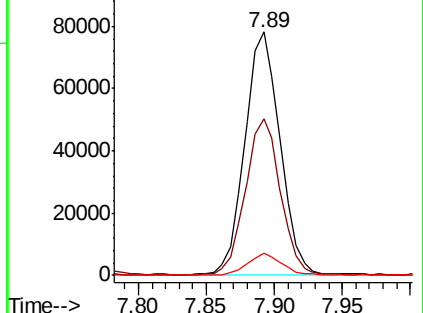
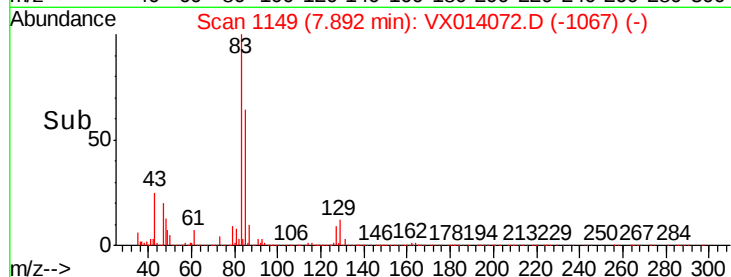
127 9.1 6.0 9.0#



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: 57.521 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014072.D

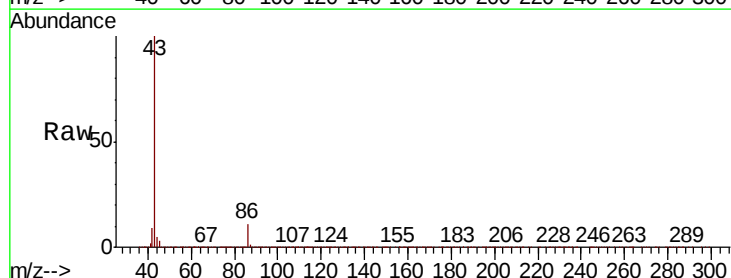
Acq: 18 Dec 2019 00:45

Tgt Ion: 43 Resp: 861925

Ion Ratio Lower Upper

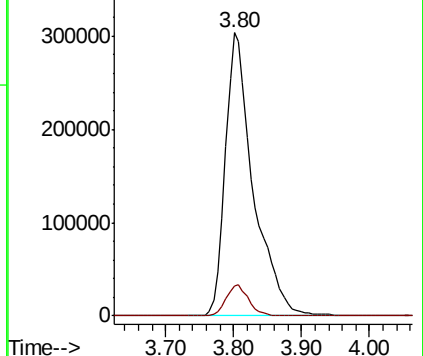
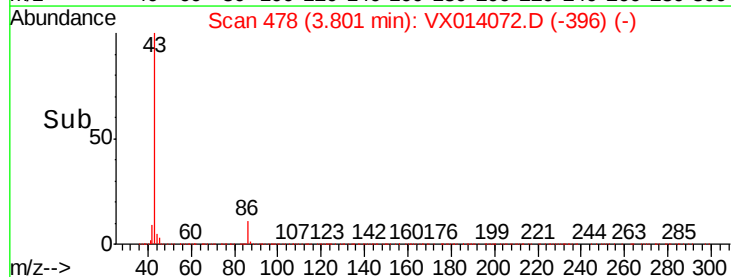
43 100

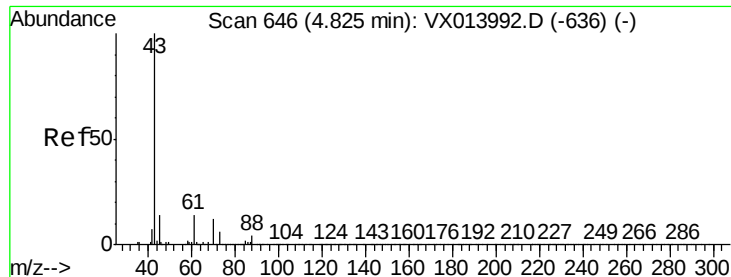
86 8.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

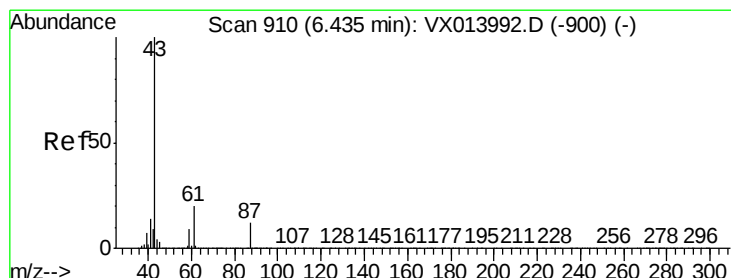
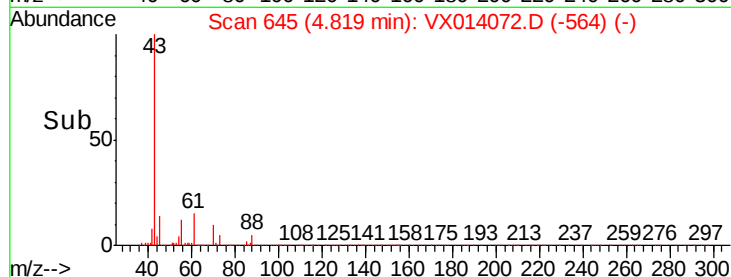
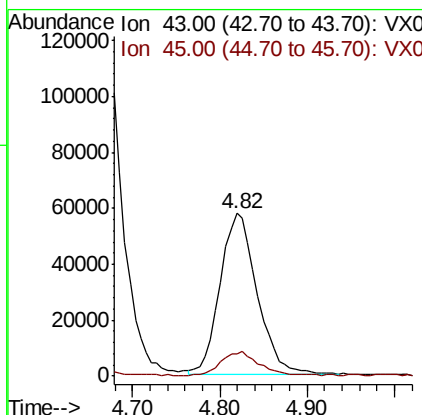
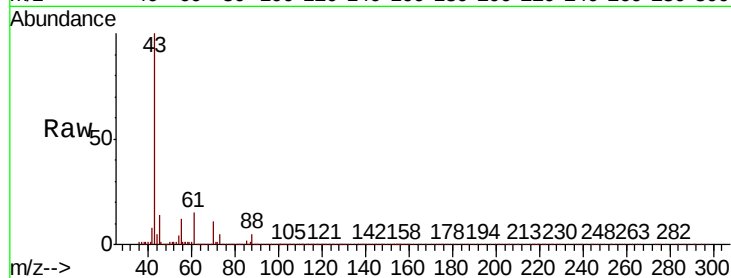




#43
Ethyl Acetate
Concen: 20.872 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

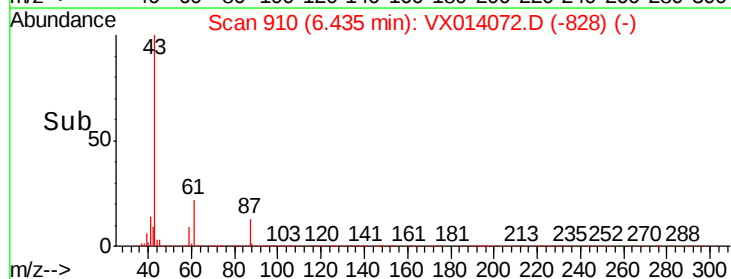
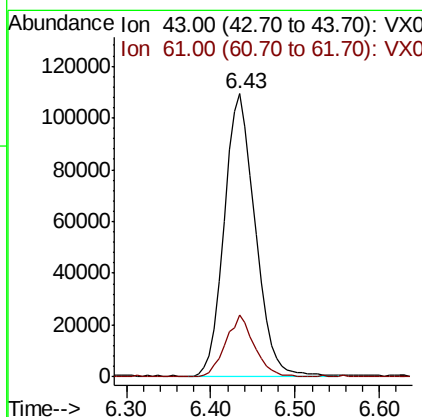
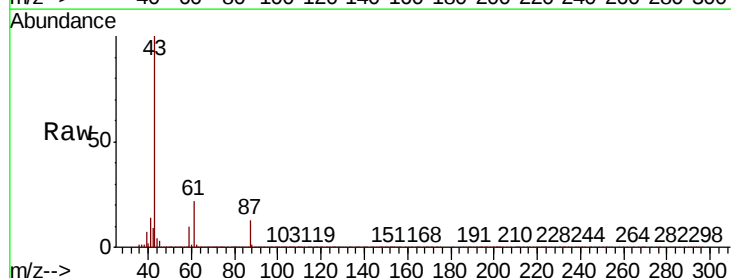
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

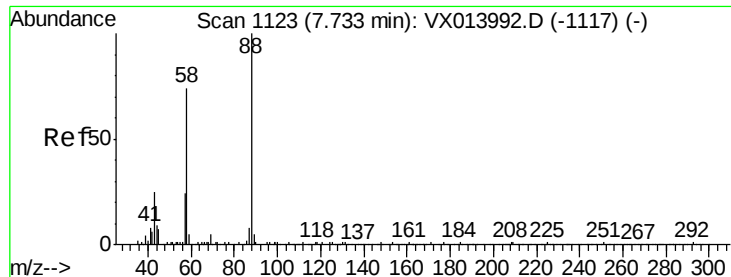
Tot Ion: 43 Resp: 169983
Ion Ratio Lower Upper
43 100
45 15.2 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.960 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion: 43 Resp: 272250
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9





#45

1,4-Dioxane

Concen: 448.229 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

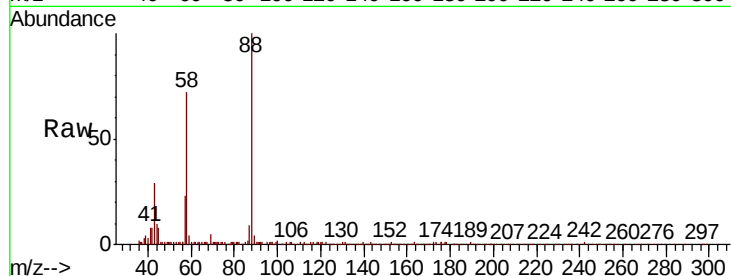
Tot Ion: 88 Resp: 57253

Ion Ratio Lower Upper

88 100

43 29.2 25.4 38.2

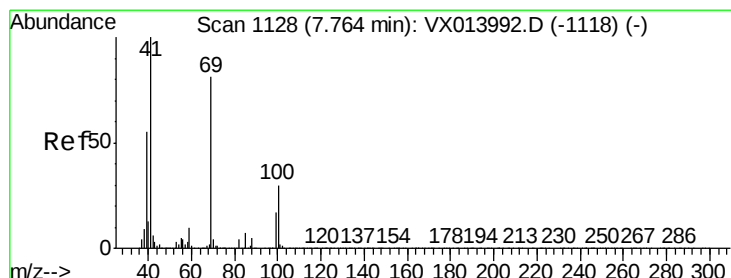
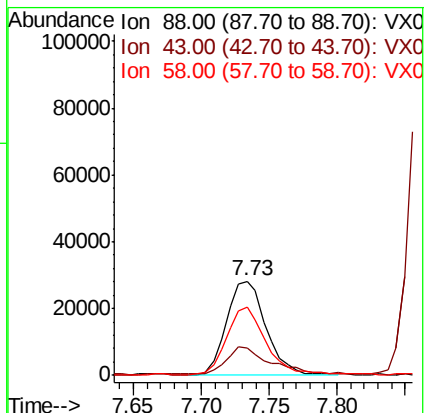
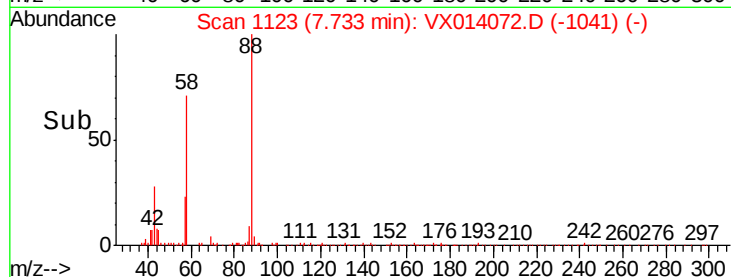
58 69.8 56.5 84.7



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: 19.821 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

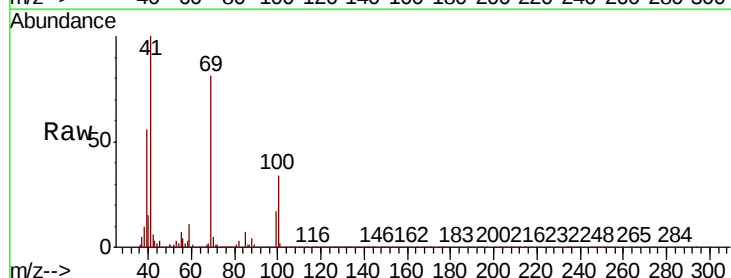
Tgt Ion: 41 Resp: 131323

Ion Ratio Lower Upper

41 100

69 81.4 40.6 122.0

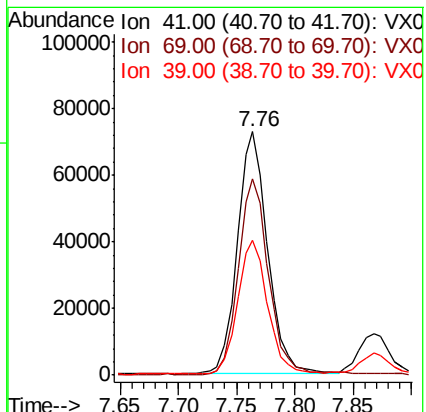
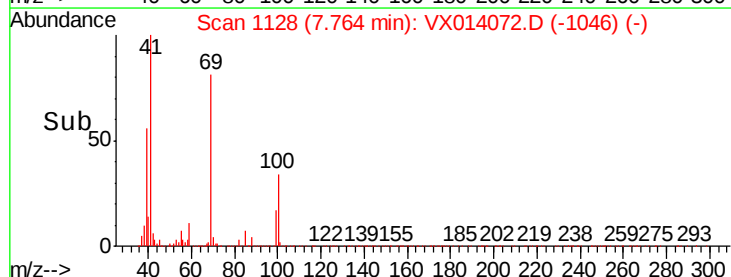
39 55.4 27.8 83.3

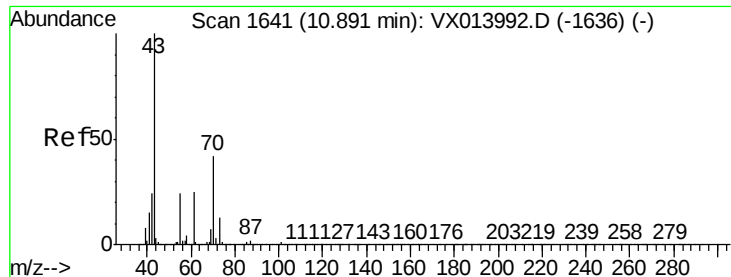


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.109 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

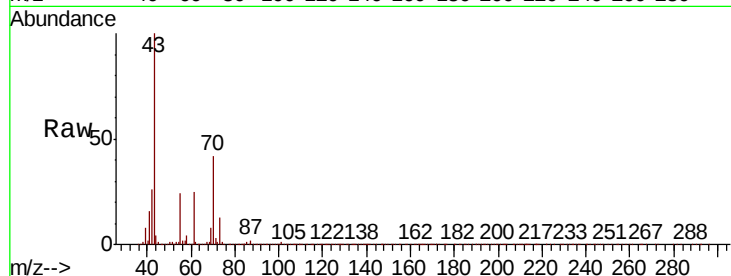
VX1217WBSD02

Tot Ion: 43 Resp: 219633

Ion Ratio Lower Upper

43 100

55 24.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

200000

150000

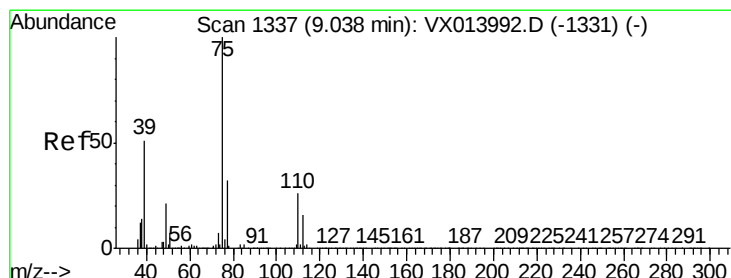
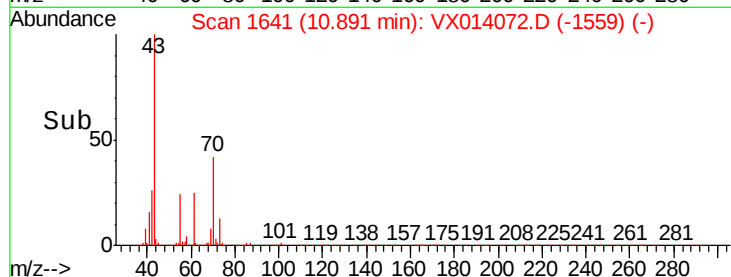
100000

50000

0

Time-->

10.85 10.90 10.95 11.00



#48

t-1,3-Dichloropropene

Concen: 19.150 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014072.D

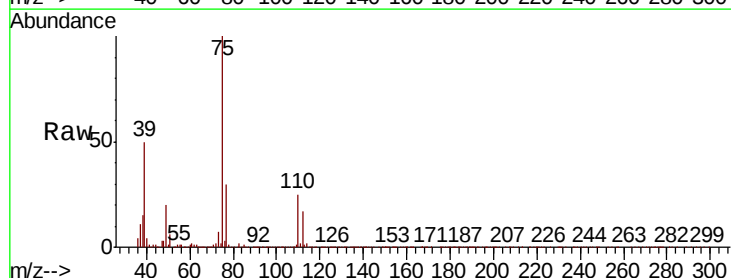
Acq: 18 Dec 2019 00:45

Tgt Ion: 75 Resp: 150767

Ion Ratio Lower Upper

75 100

77 29.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

120000

100000

80000

60000

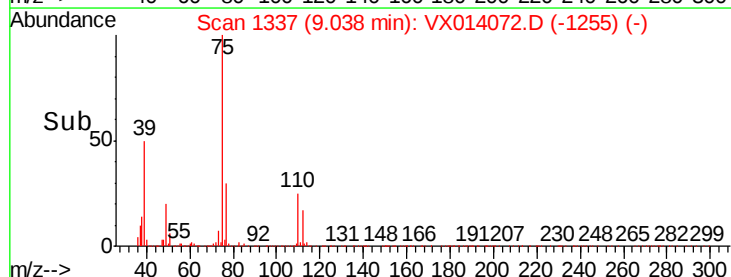
40000

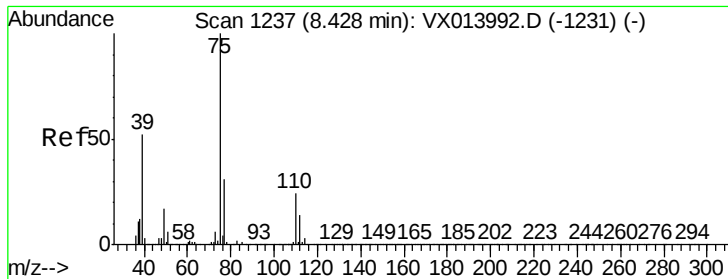
20000

0

Time-->

9.00 9.05 9.10



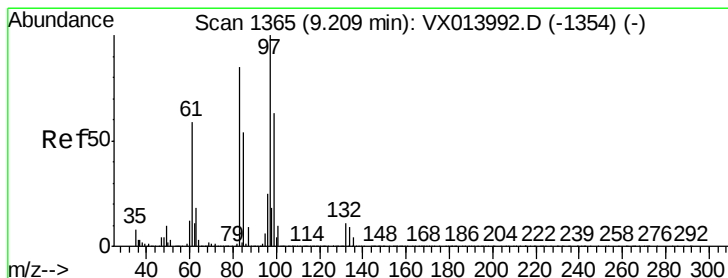
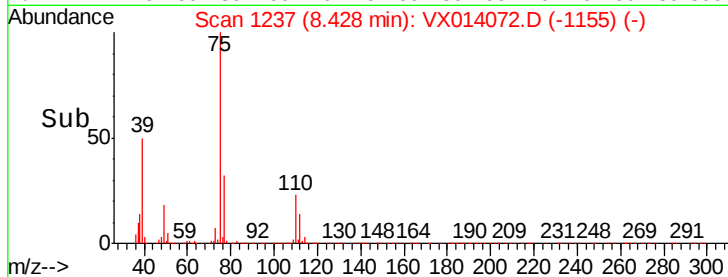
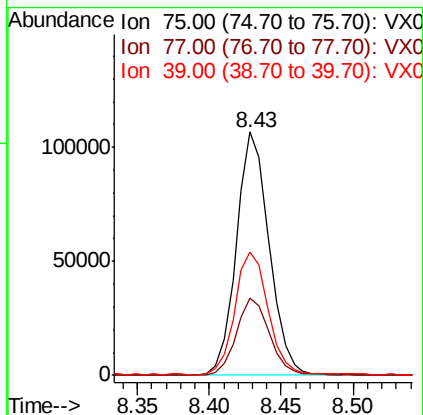
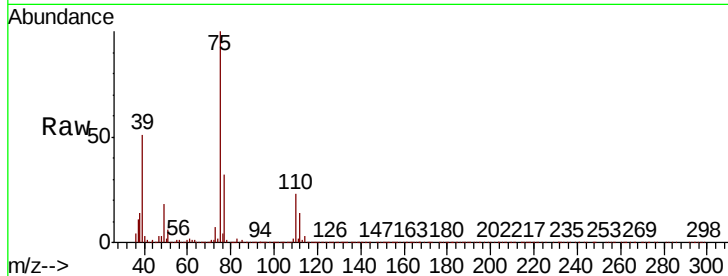


#49

cis-1,3-Dichloropropene
Concen: 18.965 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

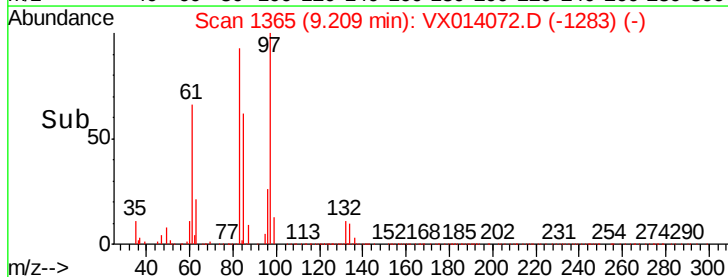
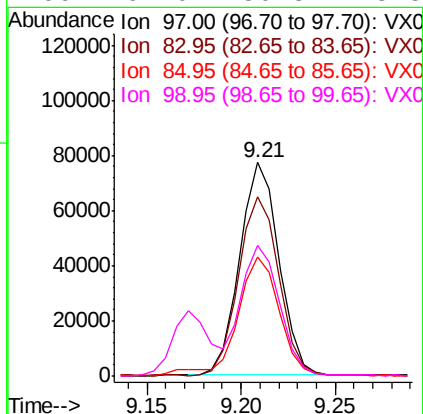
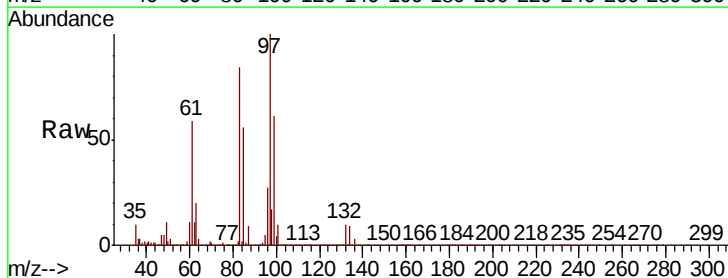
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.8	37.2
39	50.3	41.1	61.7

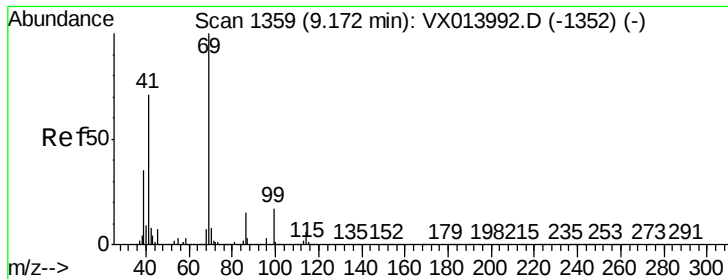


#50

1,1,2-Trichloroethane
Concen: 19.330 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.1	102.1
85	55.8	42.7	64.1
99	61.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 19.121 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

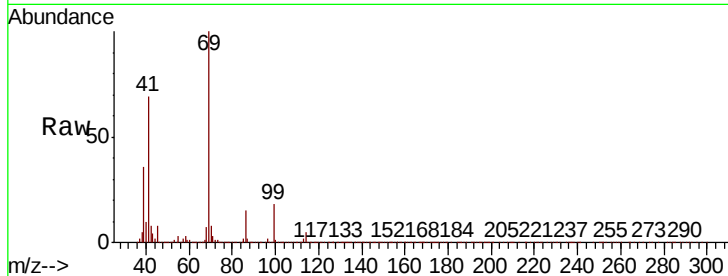
Tot Ion: 69 Resp: 174856

Ion Ratio Lower Upper

69 100

41 69.1 35.4 106.1

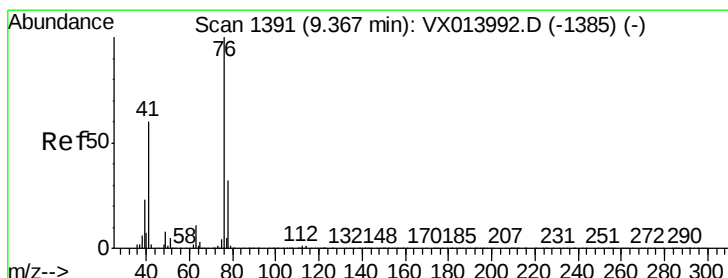
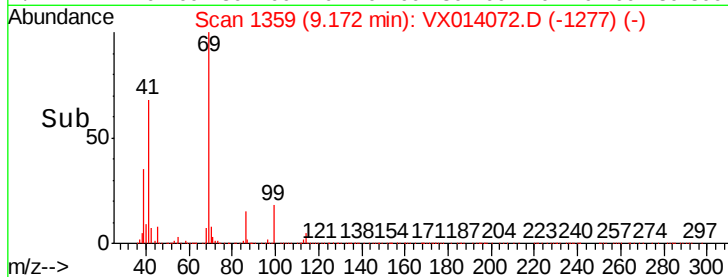
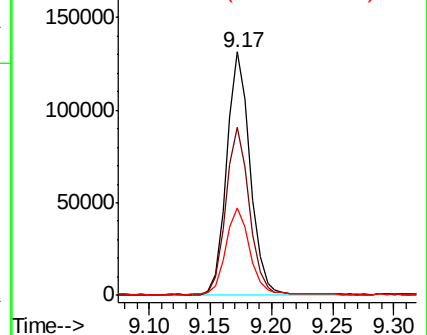
39 35.7 17.8 53.3



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: 20.058 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014072.D

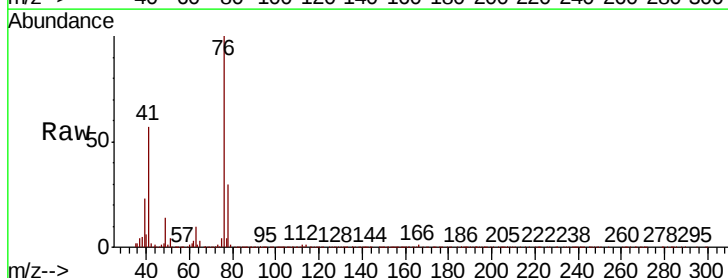
Acq: 18 Dec 2019 00:45

Tgt Ion: 76 Resp: 195923

Ion Ratio Lower Upper

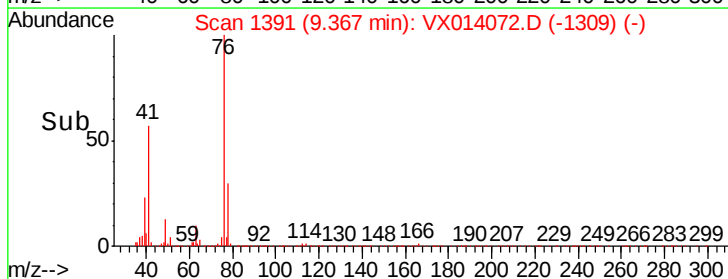
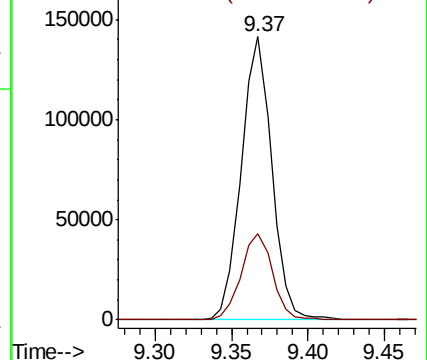
76 100

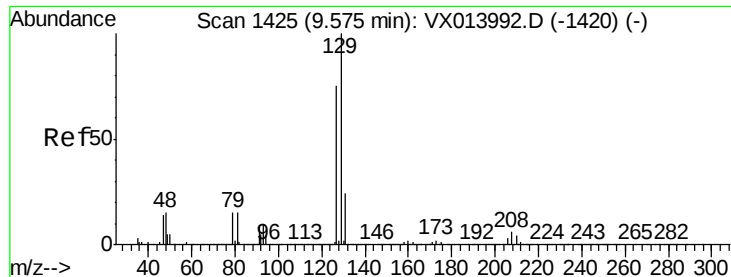
78 31.2 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.361 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

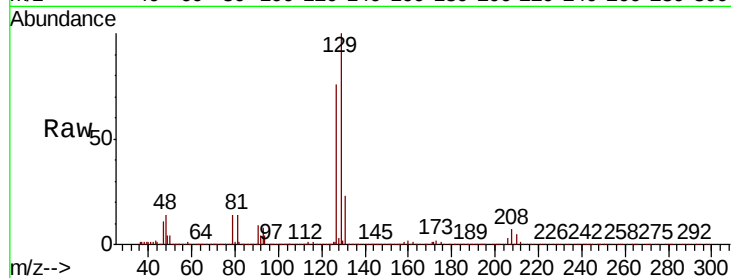
VX1217WBSD02

Tot Ion:129 Resp: 111301

Ion Ratio Lower Upper

129 100

127 77.9 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

80000

60000

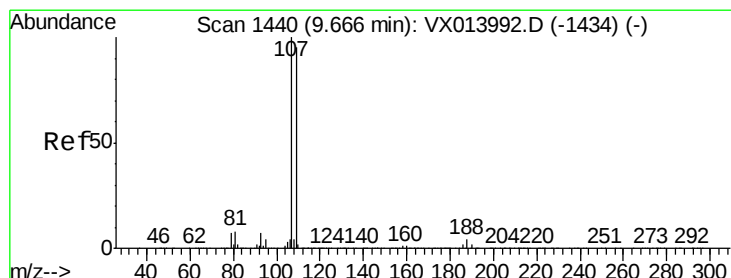
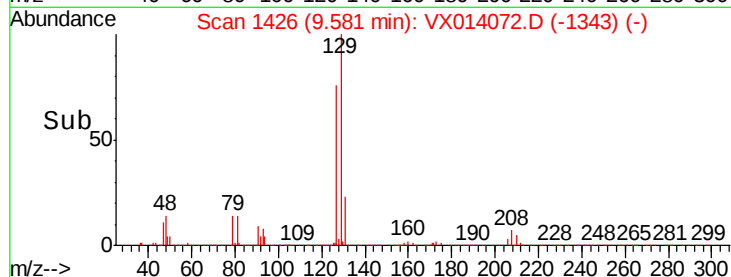
40000

20000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 20.033 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014072.D

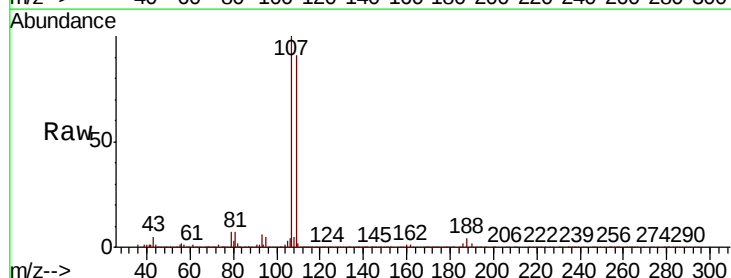
Acq: 18 Dec 2019 00:45

Tgt Ion:107 Resp: 118586

Ion Ratio Lower Upper

107 100

109 92.8 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

100000

80000

60000

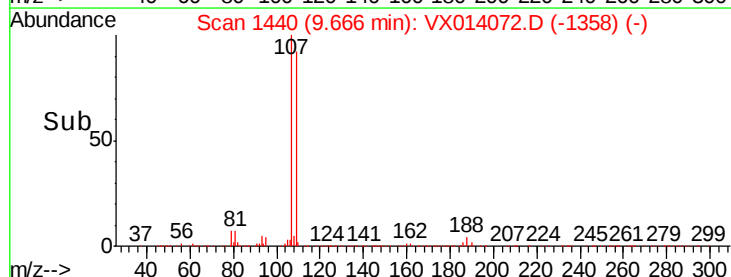
40000

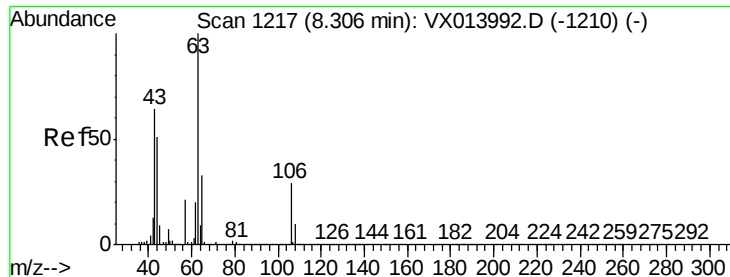
20000

0

9.60 9.65 9.70

Time-->

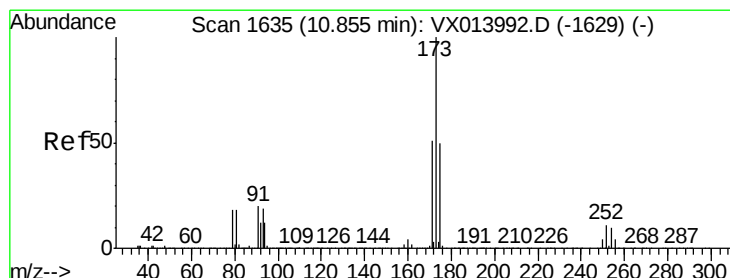
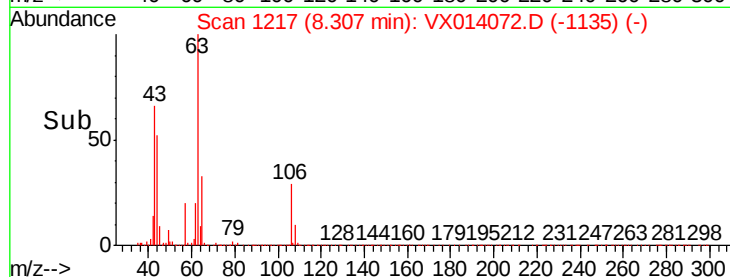
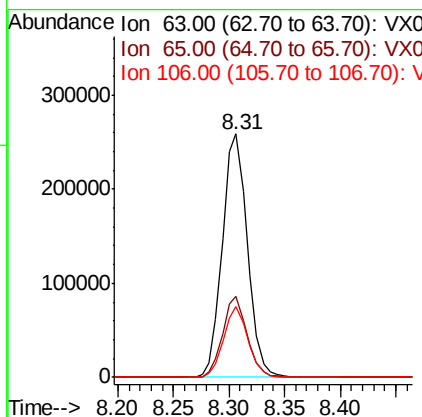
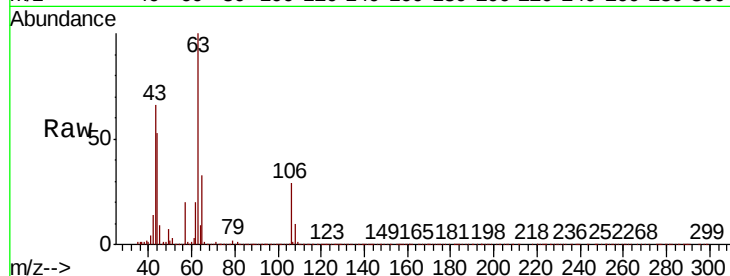




#55
2-Chloroethyl vinyl ether
Concen: 99.996 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

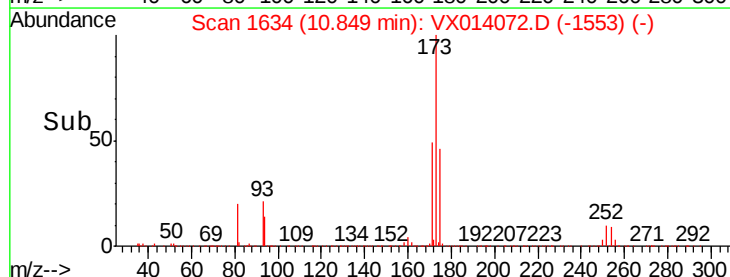
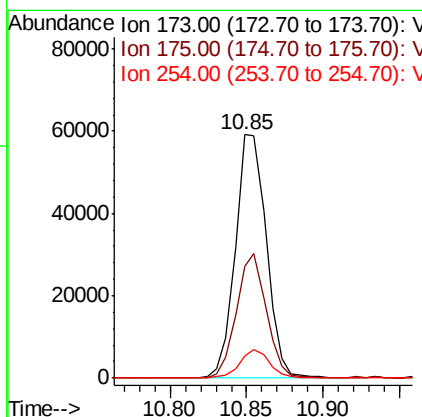
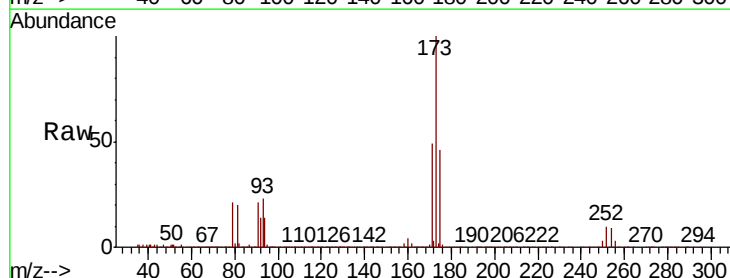
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

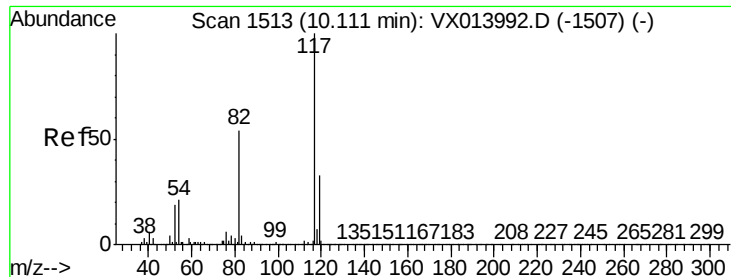
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.6
106	28.2	22.9	34.3



#56
Bromoform
Concen: 18.560 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.5	59.3
254	11.2	8.2	12.4

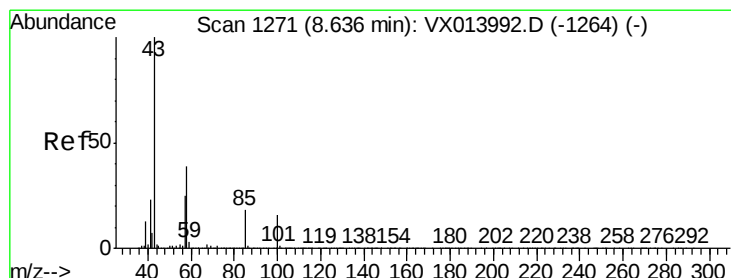
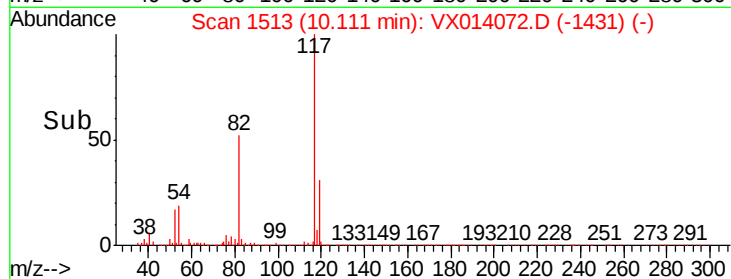
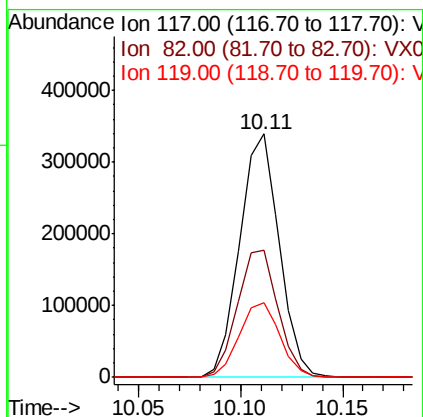
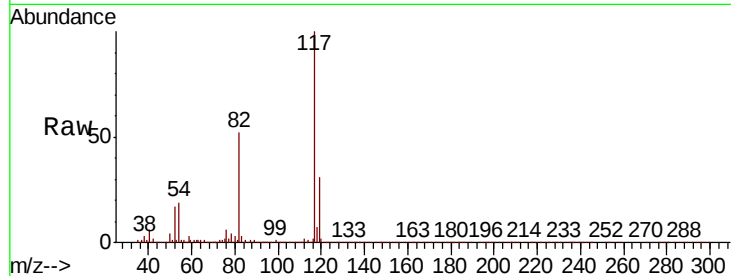




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

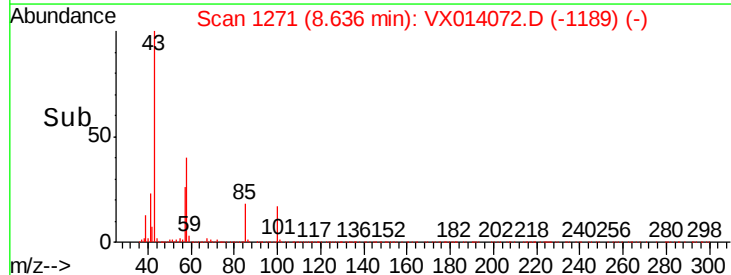
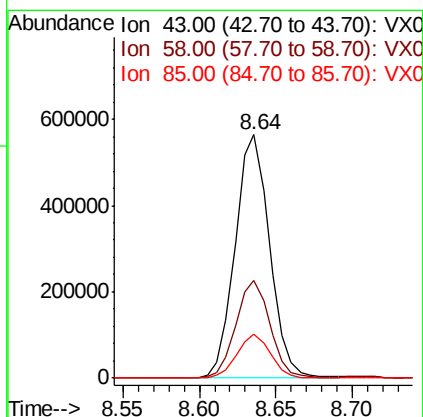
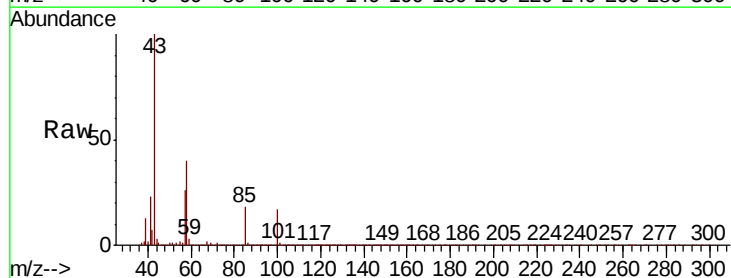
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

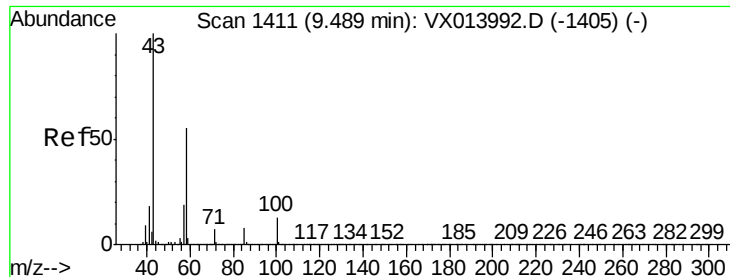
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.6
119	31.3	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 102.937 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.6	14.2	21.2

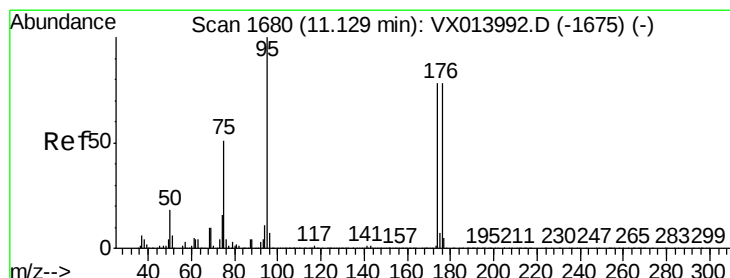
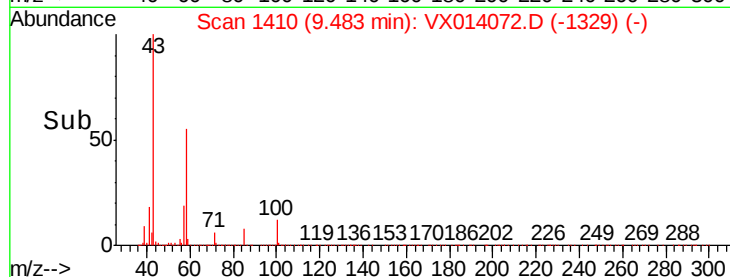
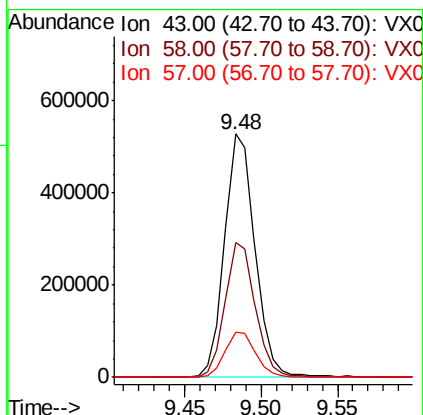
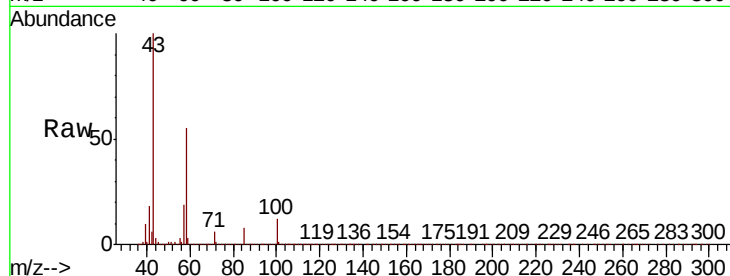




#59
2-Hexanone
Concen: 111.909 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

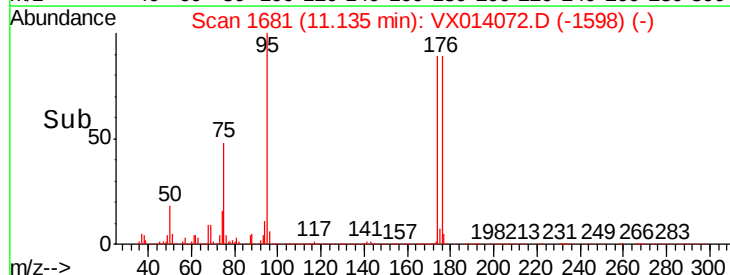
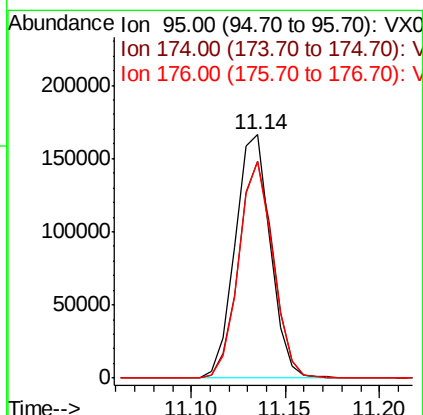
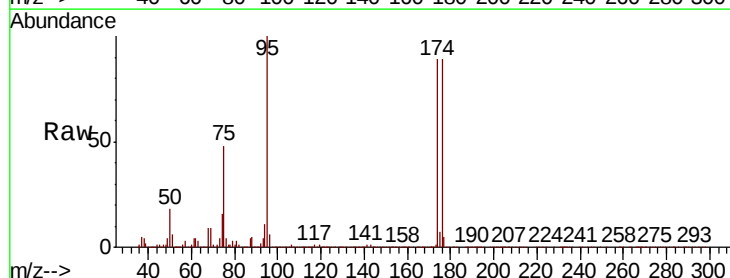
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

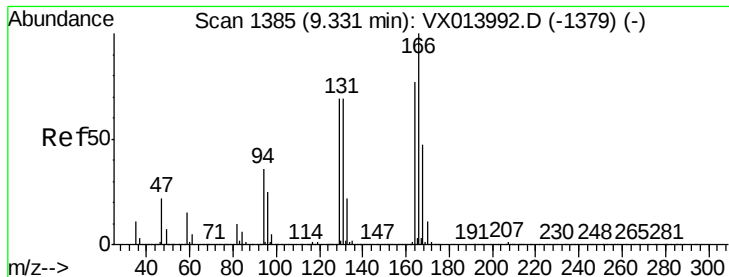
Tot Ion: 43 Resp: 726631
Ion Ratio Lower Upper
43 100
58 54.8 43.8 65.6
57 18.8 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.197 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion: 95 Resp: 215593
Ion Ratio Lower Upper
95 100
174 88.1 70.2 105.2
176 86.3 68.3 102.5





#61

Tetrachloroethene

Concen: 28.848 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

Tot Ion:164 Resp: 174512

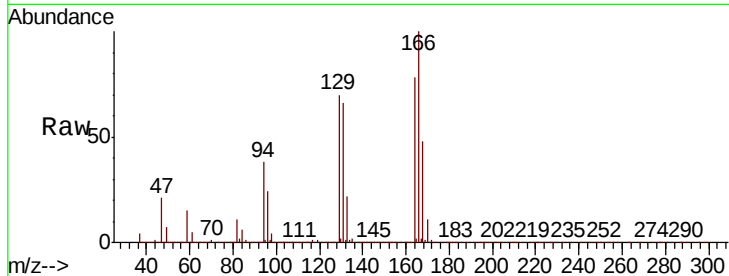
Ion Ratio Lower Upper

164 100

166 127.8 104.2 156.2

129 89.5 71.6 107.4

131 84.9 71.7 107.5

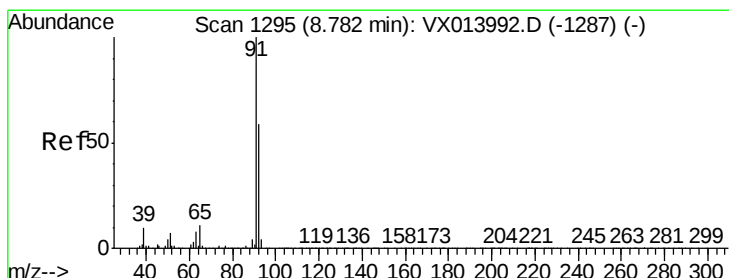
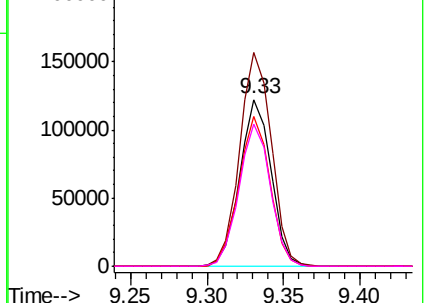
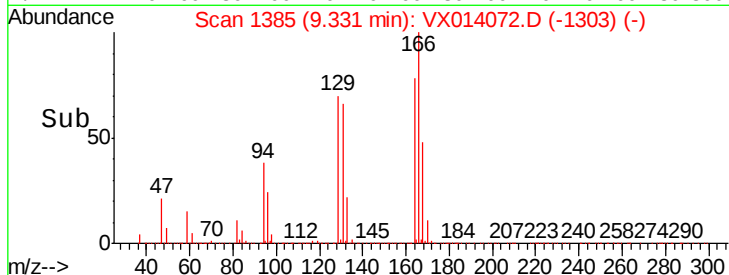


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.710 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014072.D

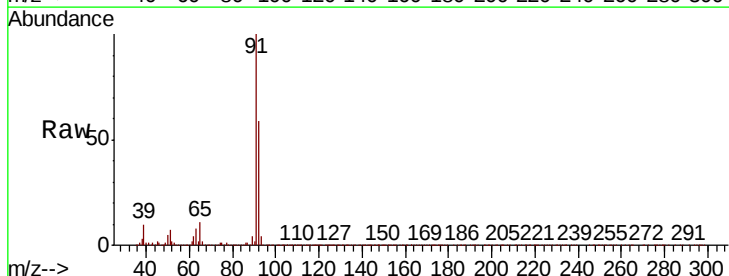
Acq: 18 Dec 2019 00:45

Tgt Ion: 91 Resp: 479361

Ion Ratio Lower Upper

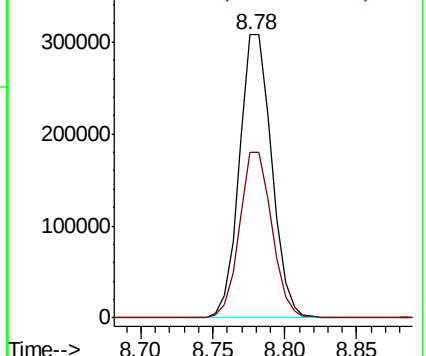
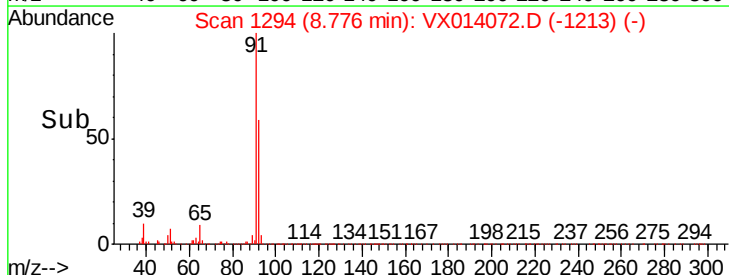
91 100

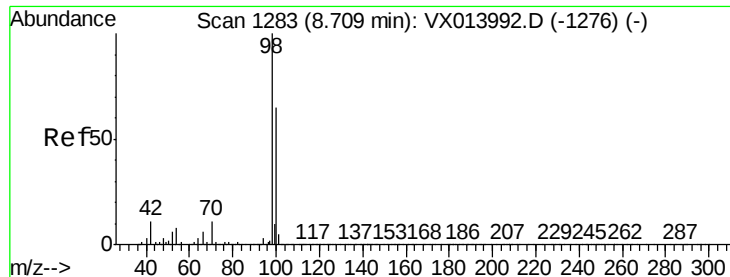
92 58.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.287 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

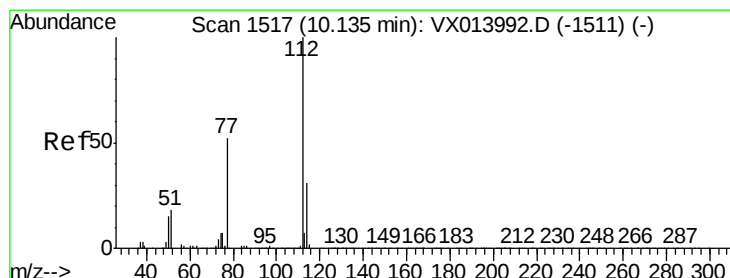
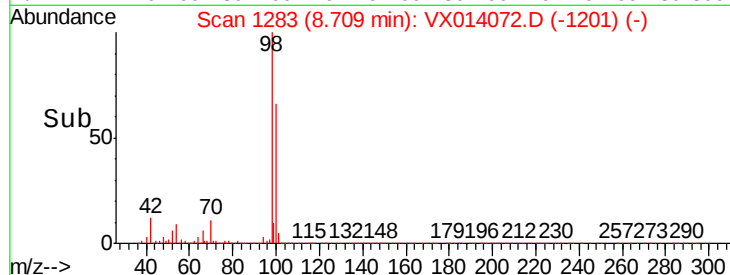
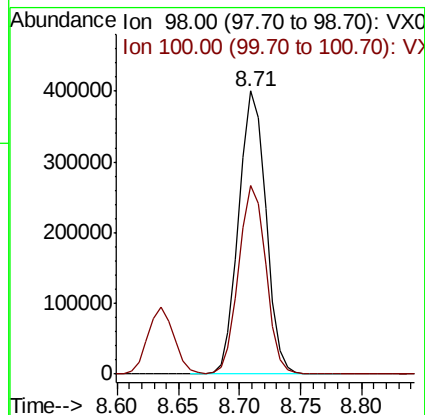
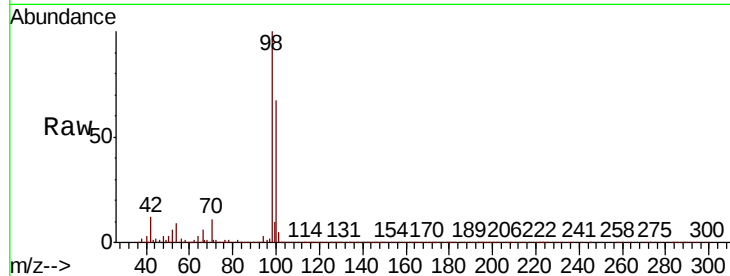
VX1217WBSD02

Tot Ion: 98 Resp: 619059

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.2



#64

Chlorobenzene

Concen: 19.280 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014072.D

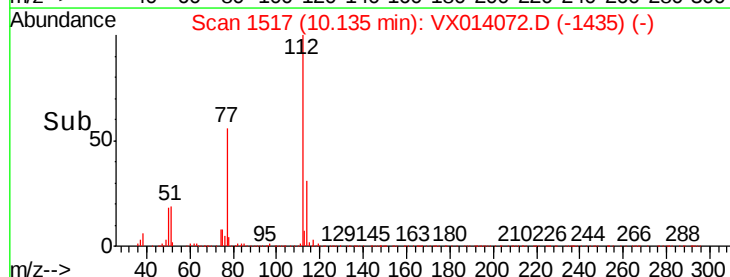
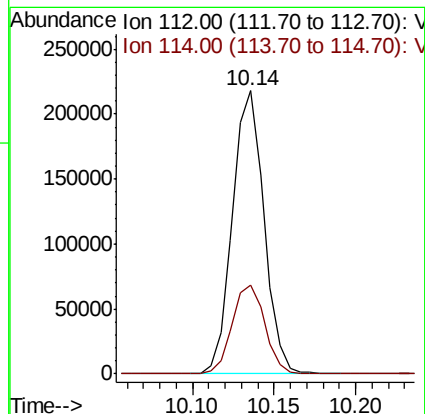
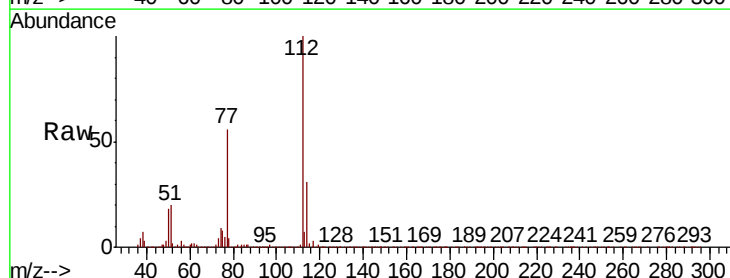
Acq: 18 Dec 2019 00:45

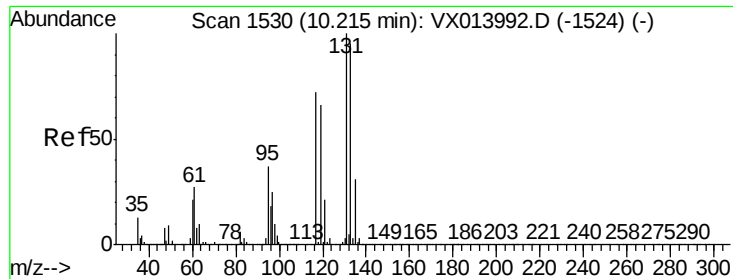
Tgt Ion: 112 Resp: 293778

Ion Ratio Lower Upper

112 100

114 31.0 24.4 36.6

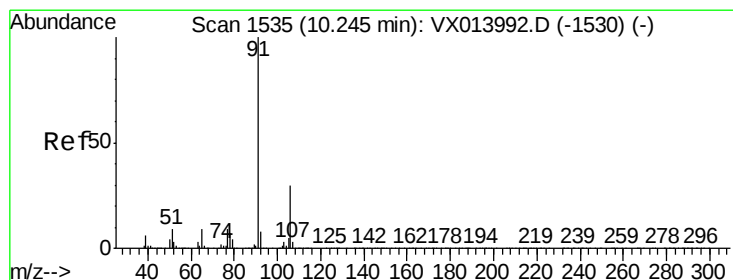
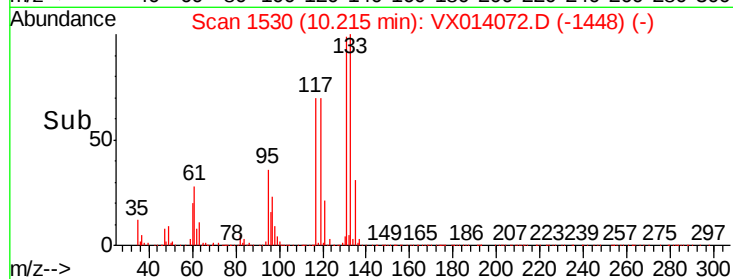
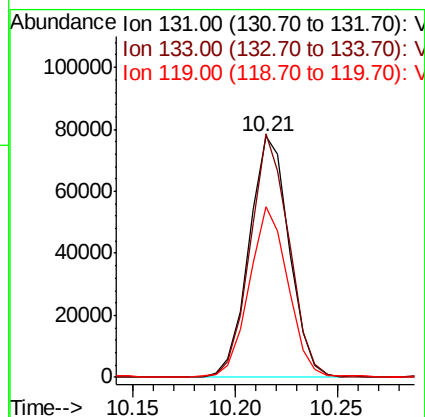
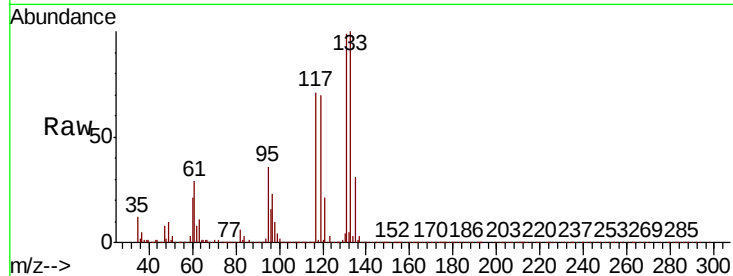




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.936 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

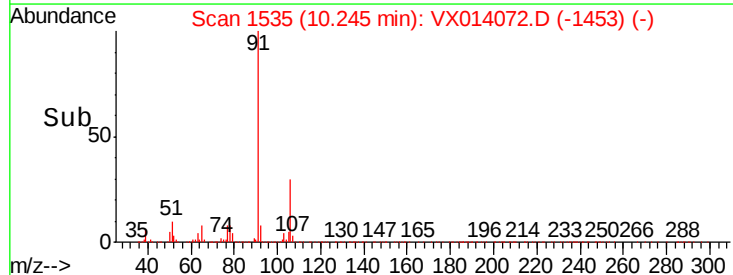
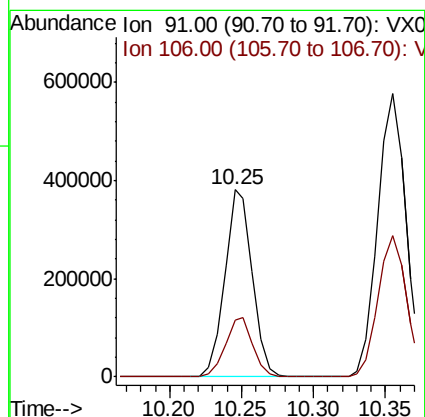
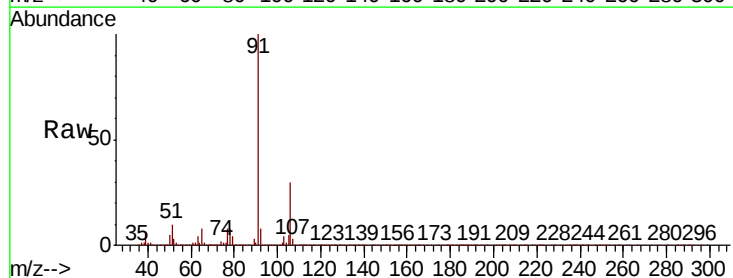
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

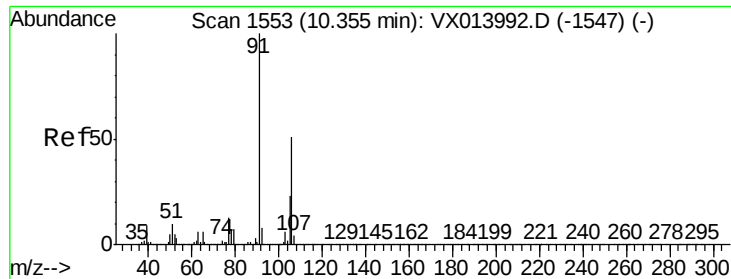
Tot Ion:131 Resp: 106837
 Ion Ratio Lower Upper
 131 100
 133 97.0 0.0 189.8
 119 67.9 0.0 132.2



#66
 Ethyl Benzene
 Concen: 19.214 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Tgt Ion: 91 Resp: 511402
 Ion Ratio Lower Upper
 91 100
 106 30.2 24.2 36.2

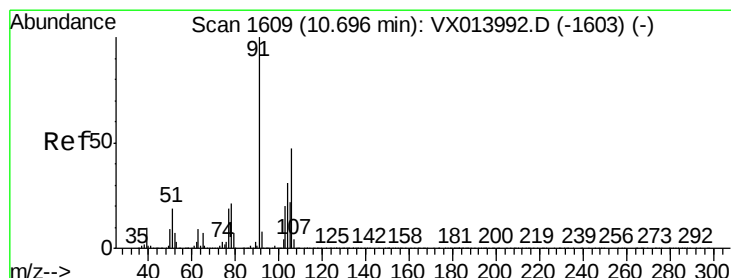
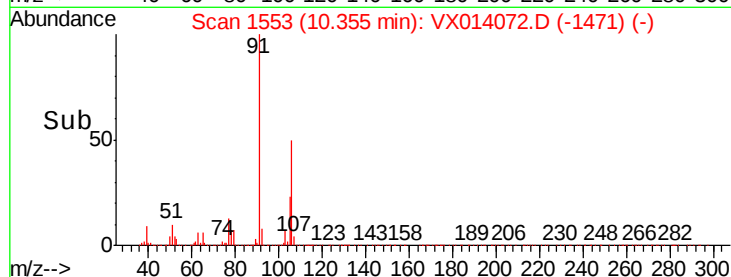
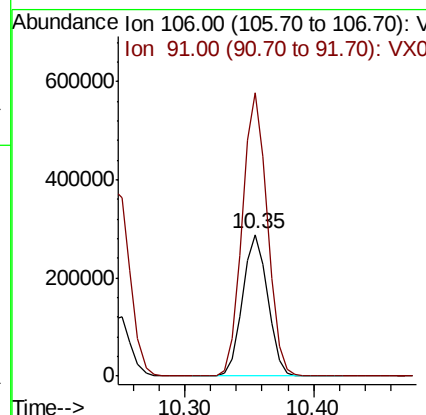
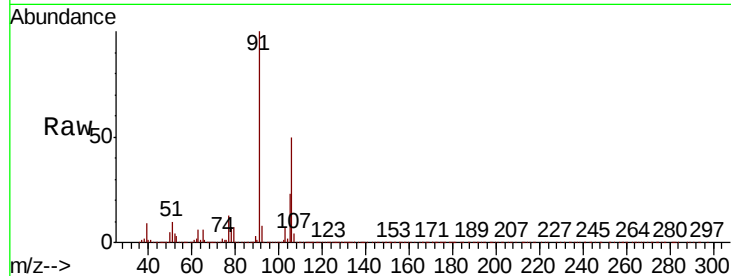




#67
m/p-Xylenes
Concen: 38.390 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

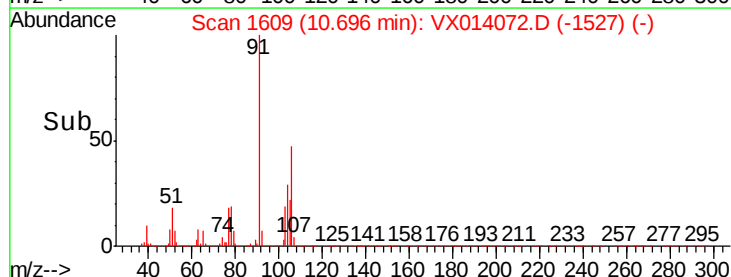
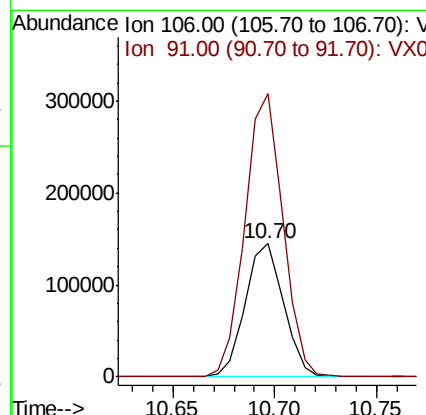
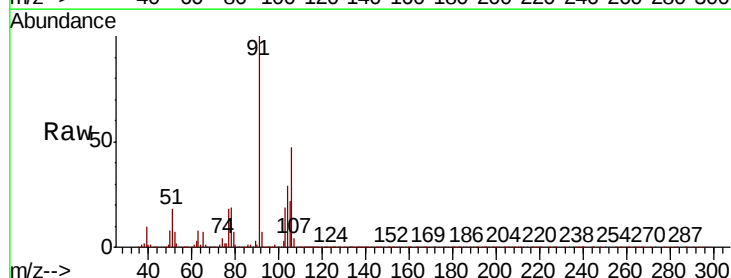
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

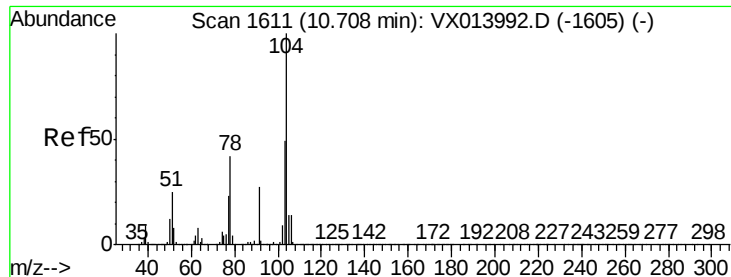
Tot Ion:106 Resp: 390600
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9



#68
o-Xylene
Concen: 18.742 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion:106 Resp: 188906
Ion Ratio Lower Upper
106 100
91 210.7 104.8 314.6

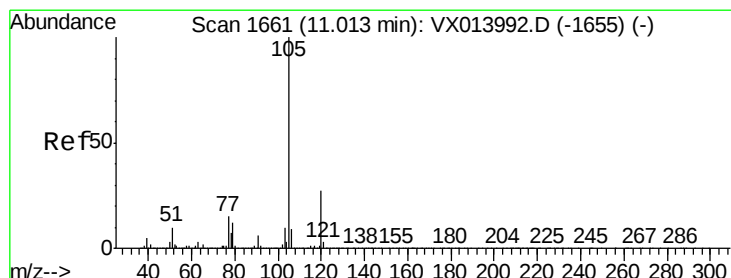
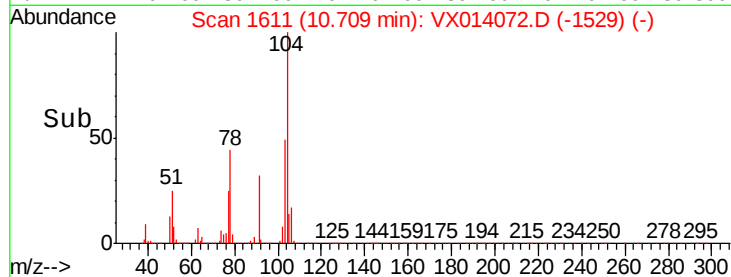
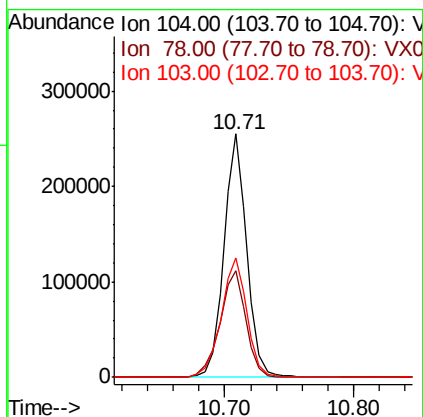
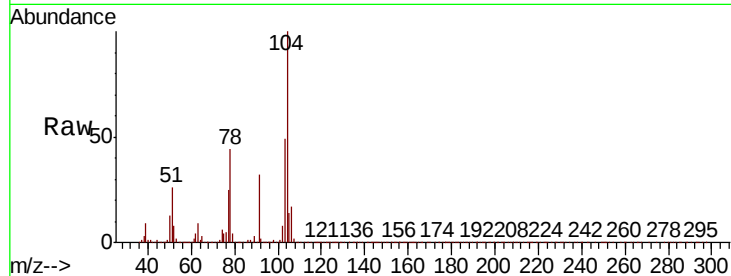




#69
Stvrene
Concen: 18.405 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

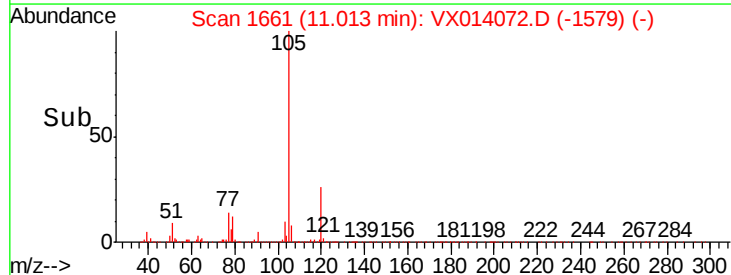
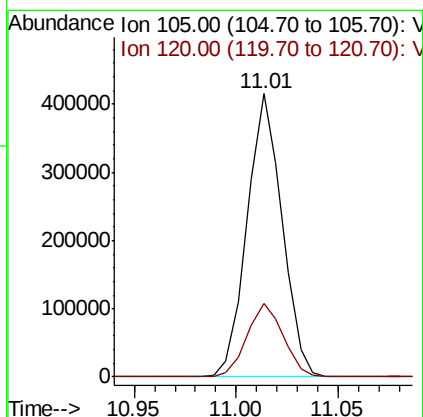
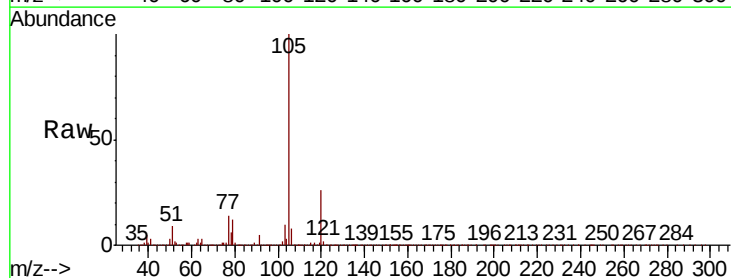
Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

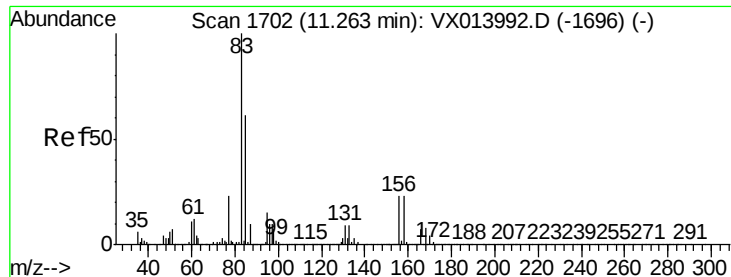
Tot Ion:104 Resp: 315478
Ion Ratio Lower Upper
104 100
78 49.7 38.9 58.3
103 54.8 44.2 66.2



#70
Isopropylbenzene
Concen: 19.074 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion:105 Resp: 496810
Ion Ratio Lower Upper
105 100
120 27.0 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 16.746 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

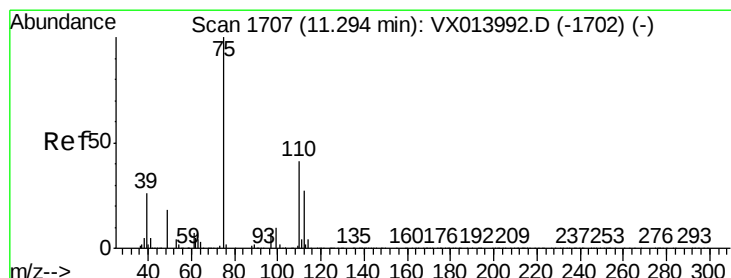
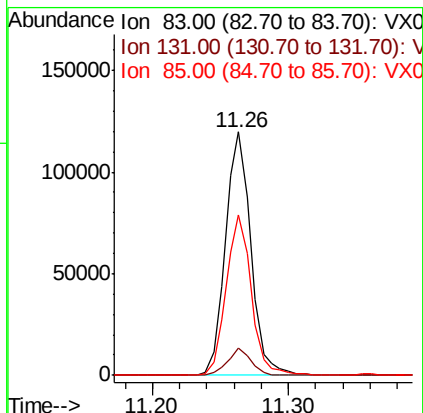
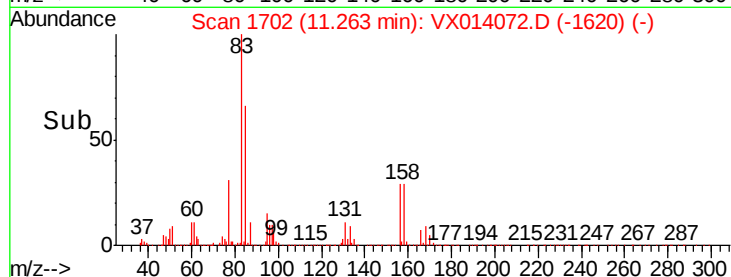
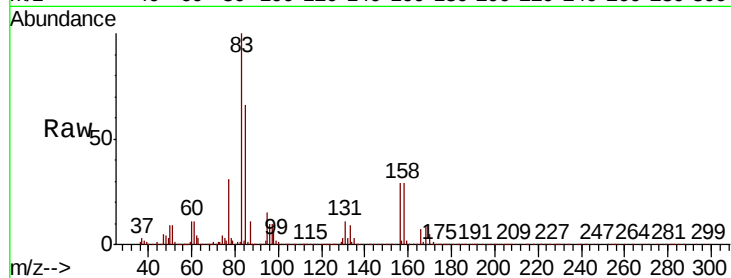
Tot Ion: 83 Resp: 154678

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 65.0 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 23.623 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014072.D

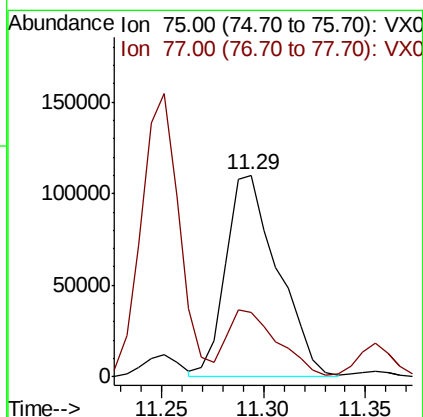
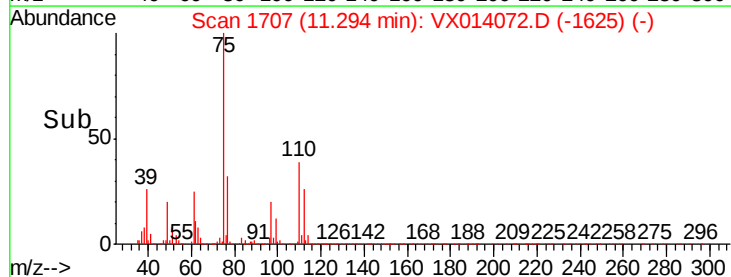
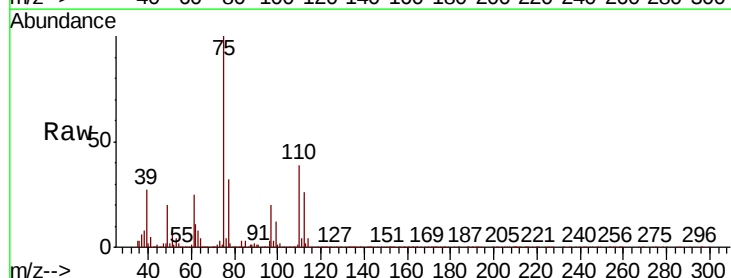
Acq: 18 Dec 2019 00:45

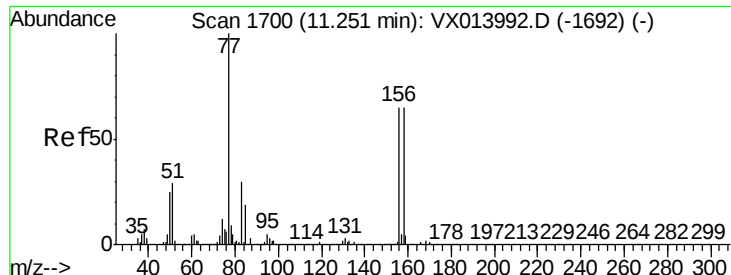
Tgt Ion: 75 Resp: 194230

Ion Ratio Lower Upper

75 100

77 31.4 0.0 68.4





#73

Bromobenzene

Concen: 18.699 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

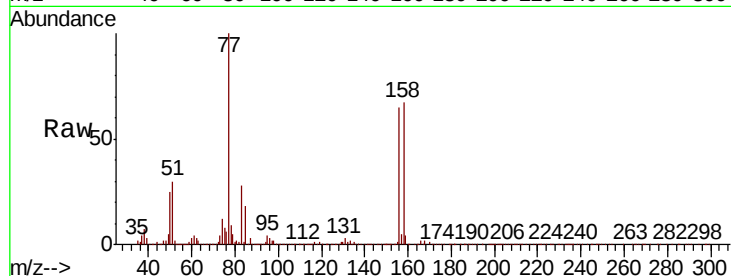
Tot Ion:156 Resp: 130019

Ion Ratio Lower Upper

156 100

77 153.1 0.0 304.6

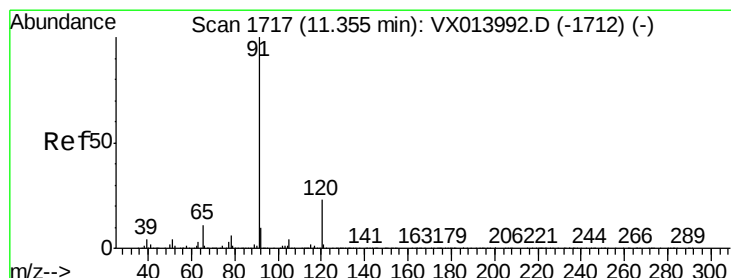
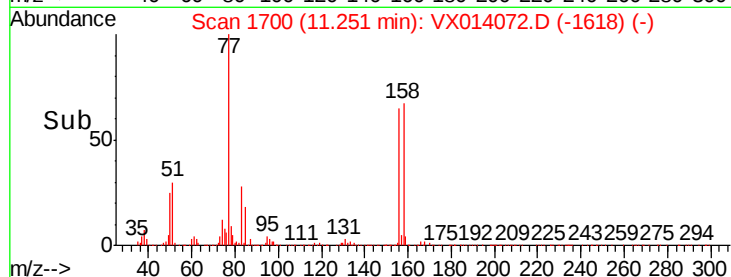
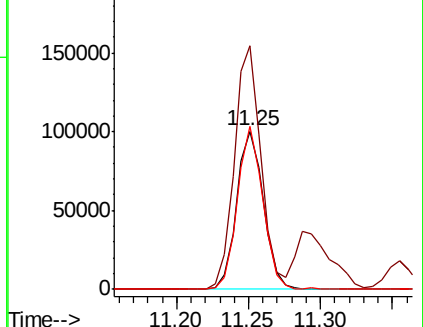
158 98.1 0.0 195.2



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: 18.787 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014072.D

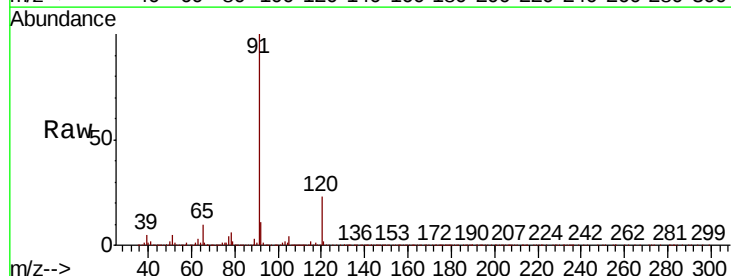
Acq: 18 Dec 2019 00:45

Tgt Ion: 91 Resp: 555012

Ion Ratio Lower Upper

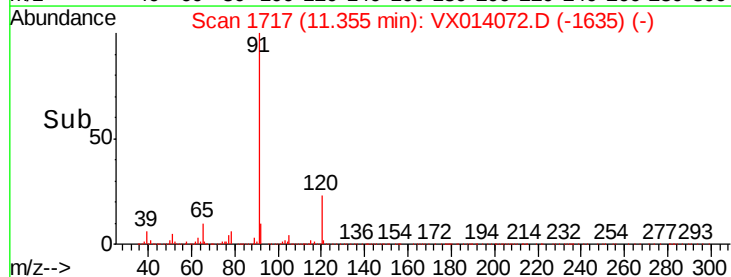
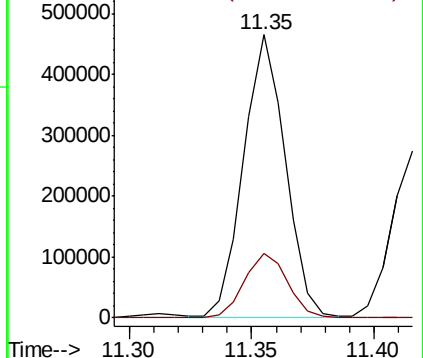
91 100

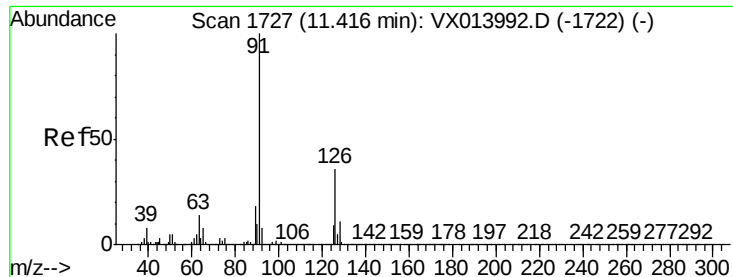
120 23.4 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.948 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

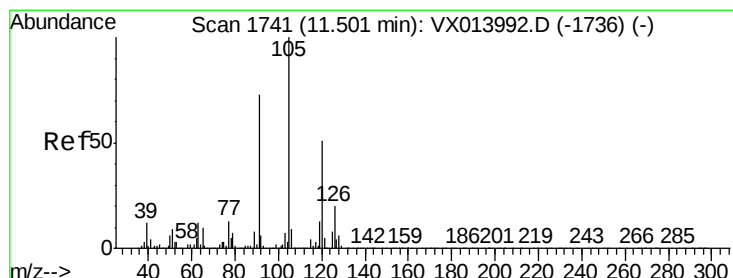
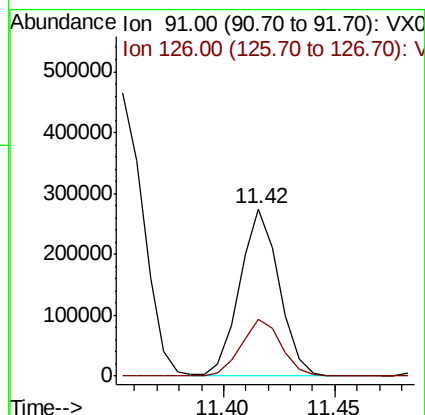
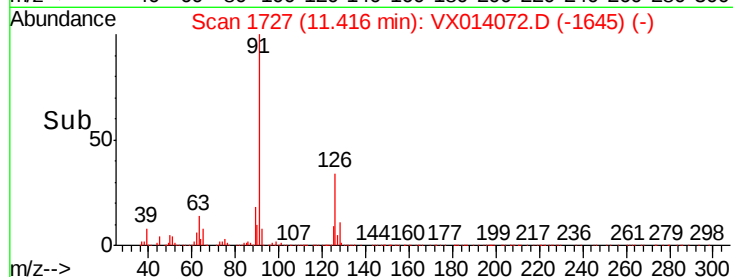
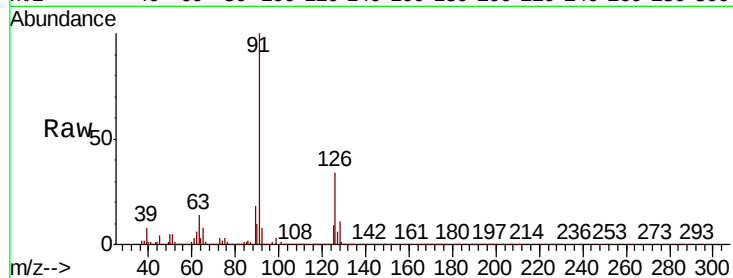
VX1217WBSD02

Tot Ion: 91 Resp: 338233

Ion Ratio Lower Upper

91 100

126 34.4 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 18.881 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014072.D

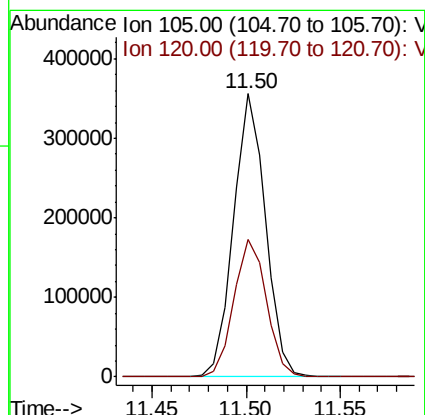
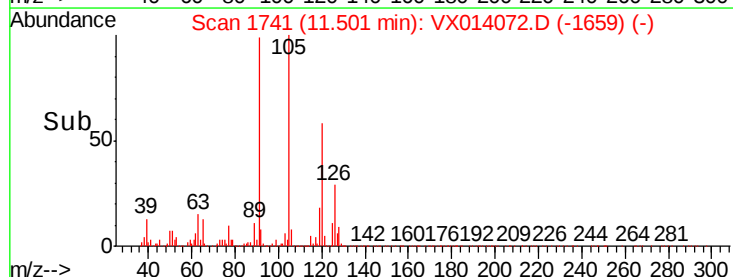
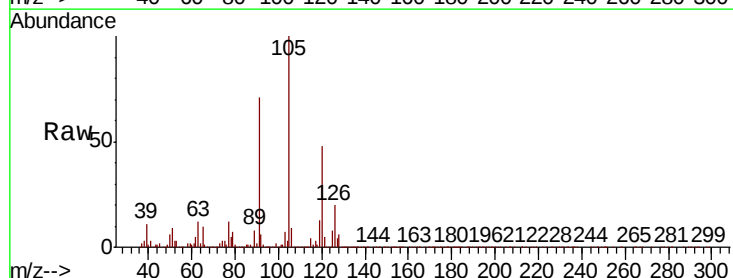
Acq: 18 Dec 2019 00:45

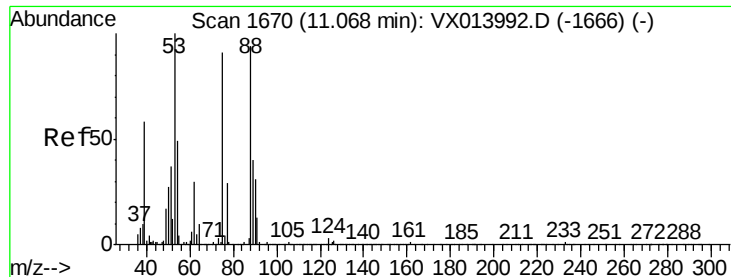
Tgt Ion: 105 Resp: 417189

Ion Ratio Lower Upper

105 100

120 49.7 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.233 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

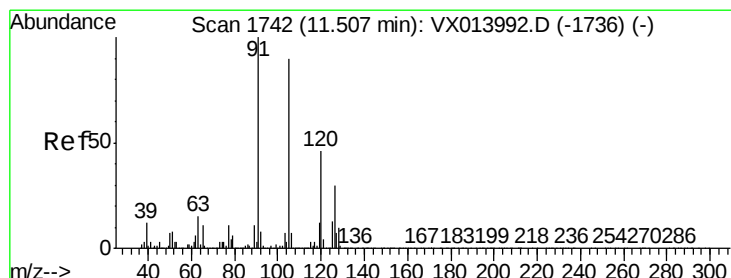
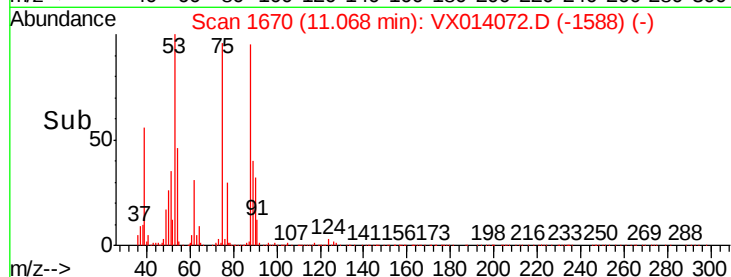
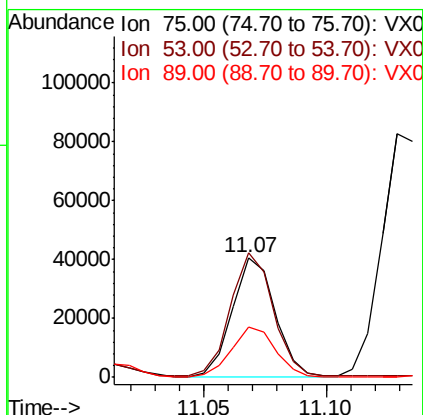
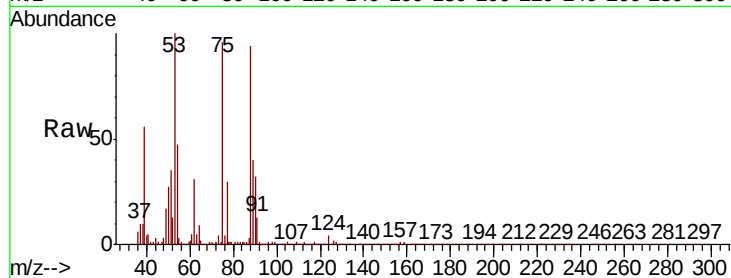
Tot Ion: 75 Resp: 49504

Ion Ratio Lower Upper

75 100

53 104.0 54.4 163.1

89 41.3 21.9 65.5



#78

4-Chlorotoluene

Concen: 18.515 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014072.D

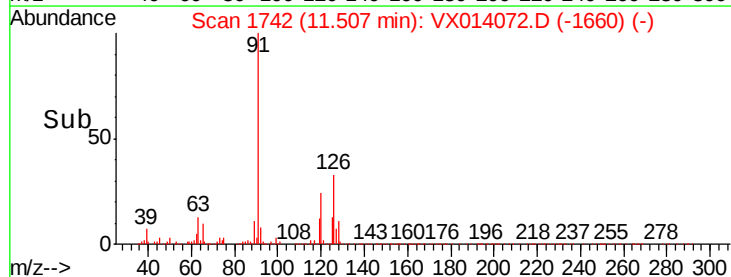
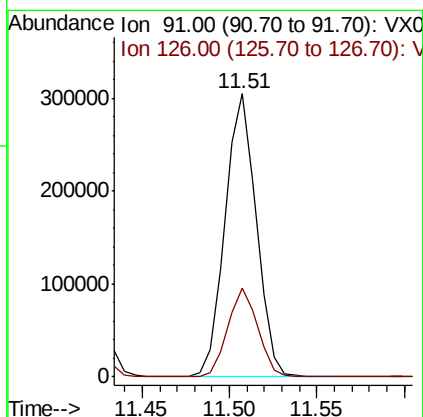
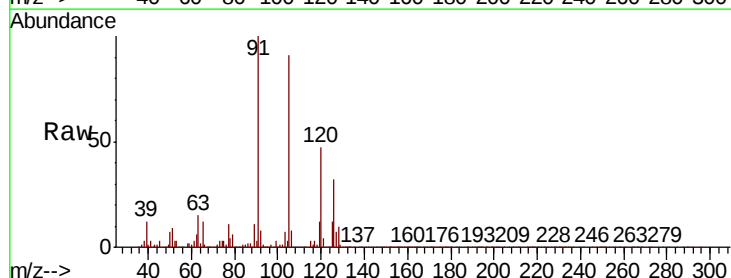
Acq: 18 Dec 2019 00:45

Tgt Ion: 91 Resp: 377665

Ion Ratio Lower Upper

91 100

126 30.4 0.0 59.6





#79

tert-butylbenzene

Concen: 16.449 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

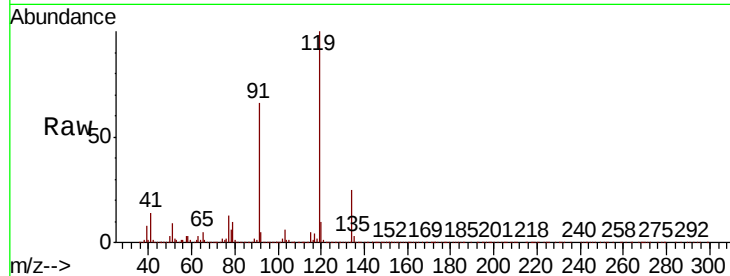
Tot Ion:119 Resp: 350315

Ion Ratio Lower Upper

119 100

91 65.0 0.0 112.6

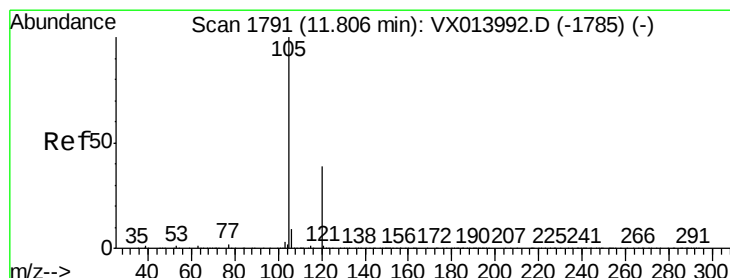
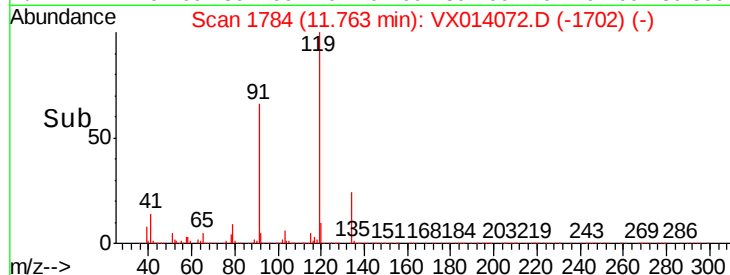
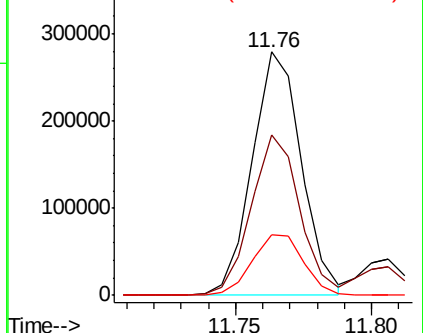
134 26.1 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.412 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014072.D

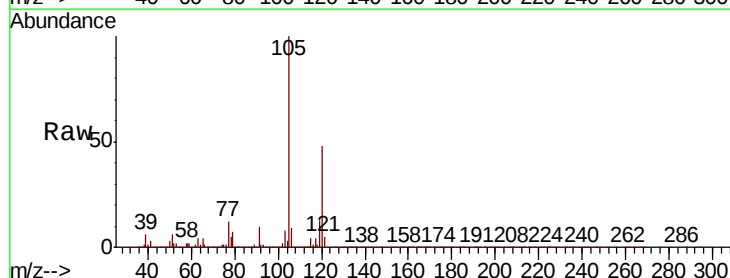
Acq: 18 Dec 2019 00:45

Tgt Ion:105 Resp: 406795

Ion Ratio Lower Upper

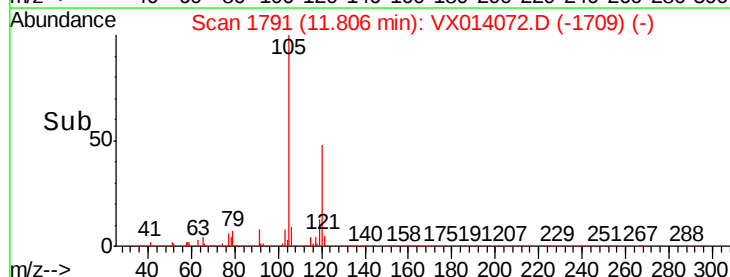
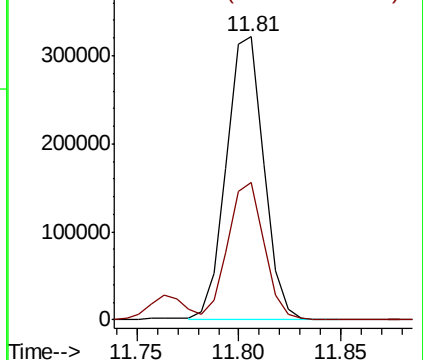
105 100

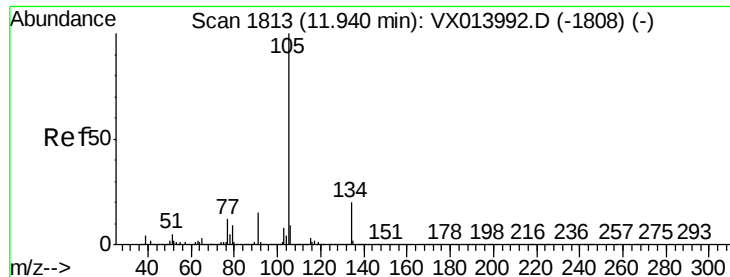
120 46.8 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.720 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

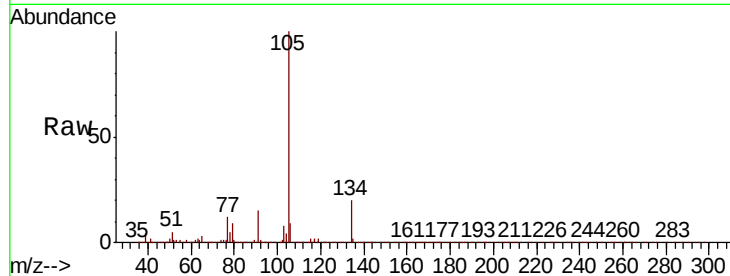
VX1217WBSD02

Tot Ion:105 Resp: 474231

Ion Ratio Lower Upper

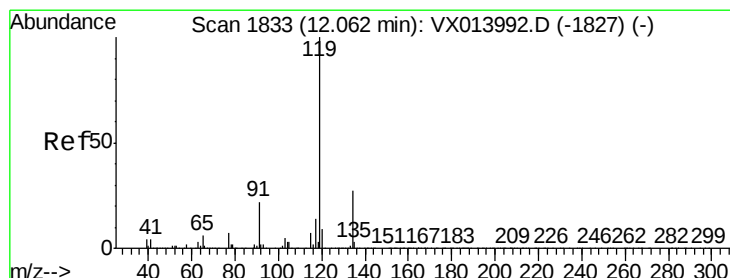
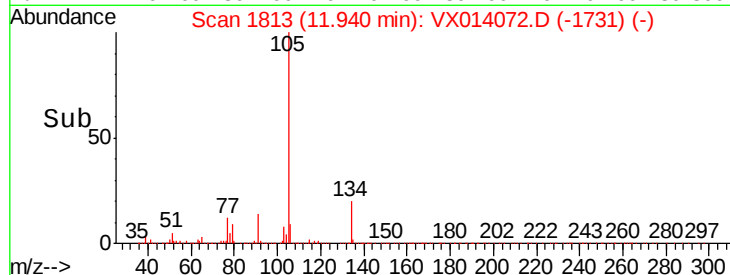
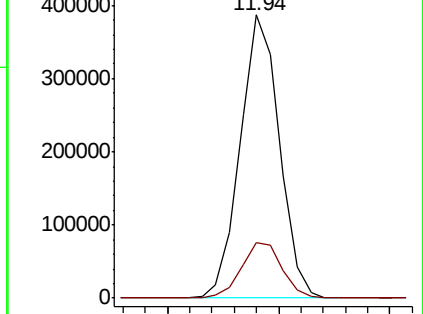
105 100

134 20.5 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.482 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

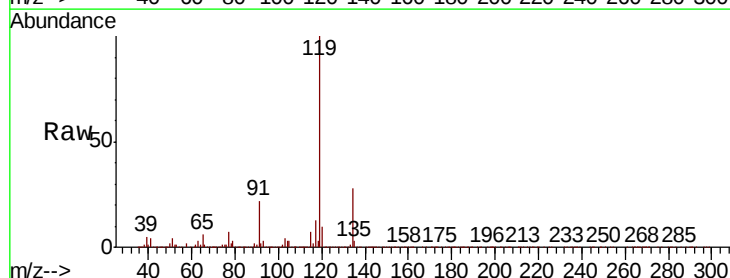
Tgt Ion:119 Resp: 422504

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.8

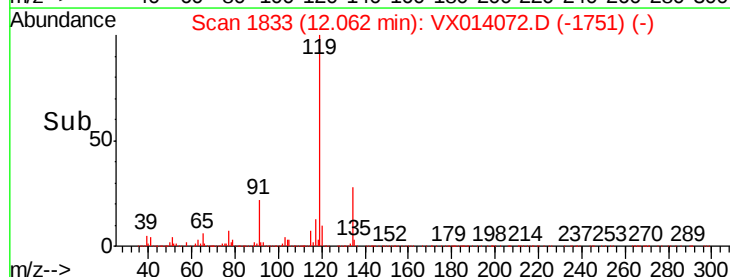
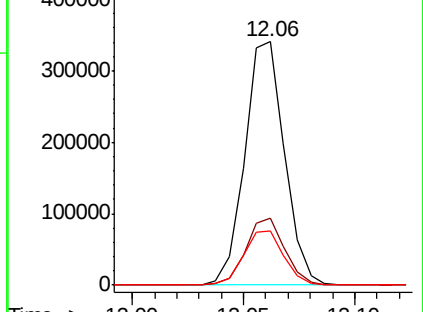
91 22.5 0.0 45.0

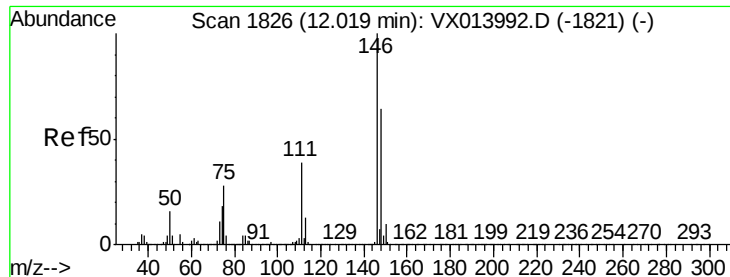


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

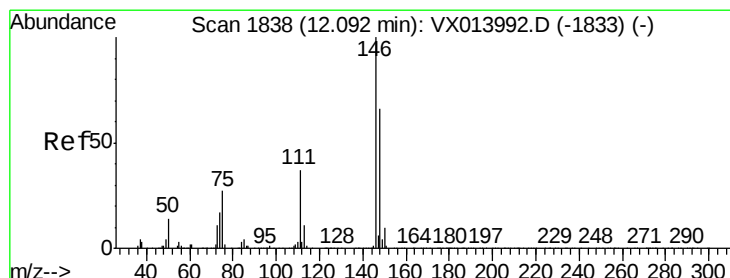
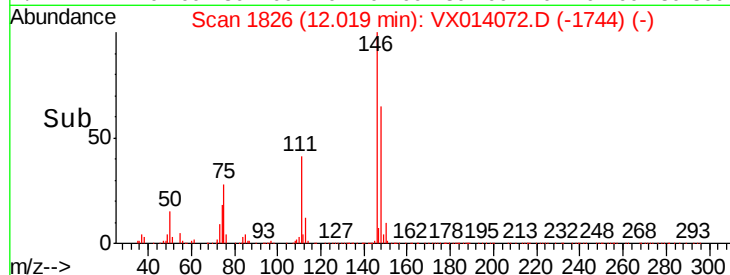
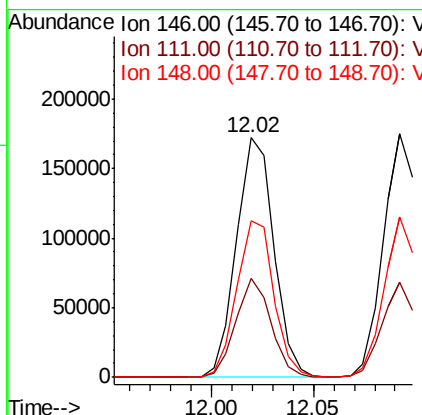
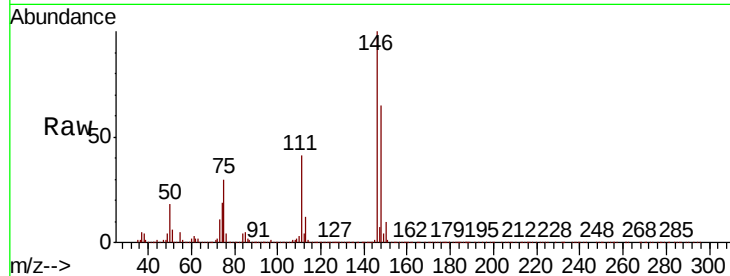




#83
 1,3-Dichlorobenzene
 Concen: 18.050 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

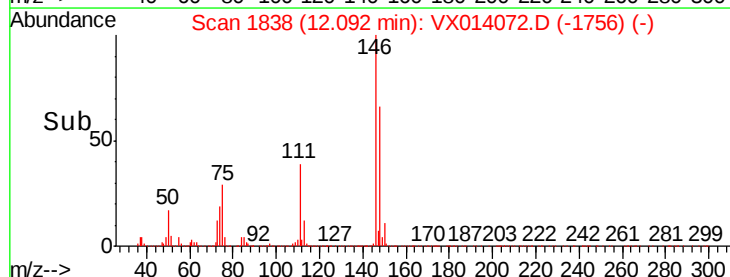
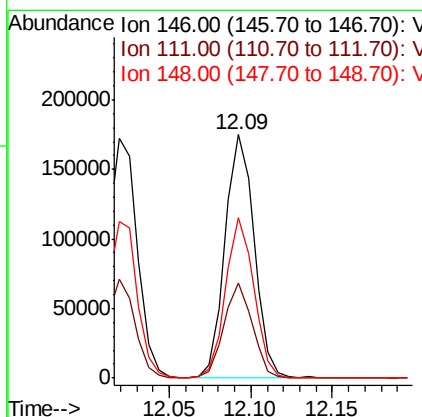
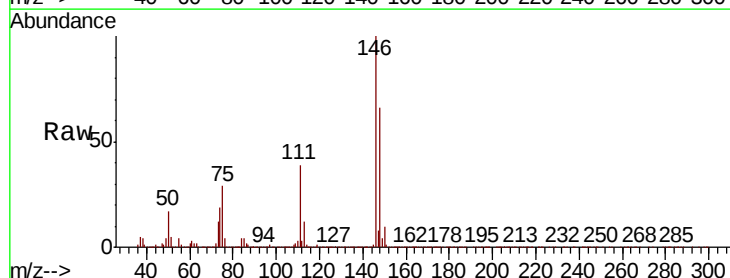
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

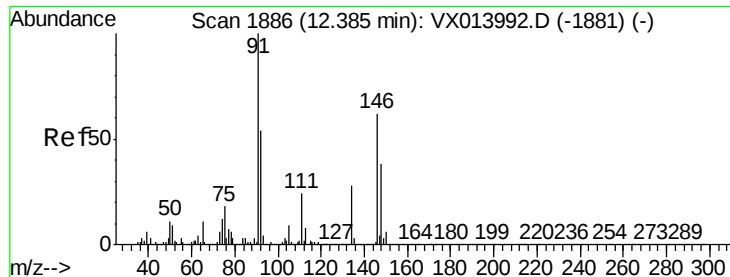
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	65.3	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 18.023 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.4
148	64.2	32.0	96.0





#85

n-Butylbenzene

Concen: 17.869 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBSD02

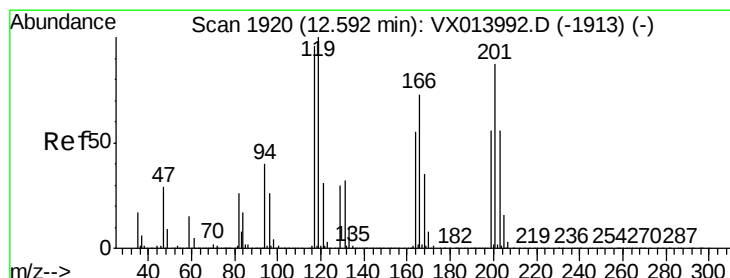
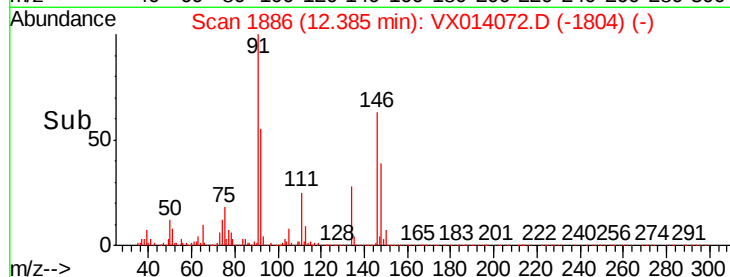
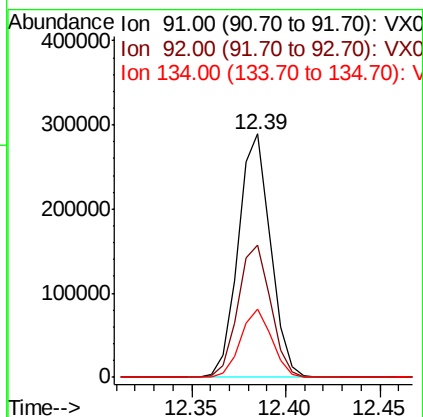
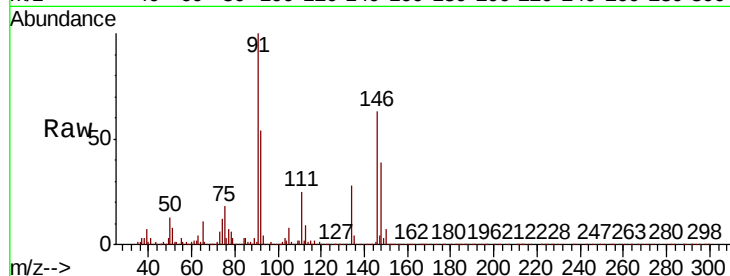
Tot Ion: 91 Resp: 343446

Ion Ratio Lower Upper

91 100

92 55.1 0.0 109.0

134 26.9 0.0 54.0



#86

Hexachloroethane

Concen: 17.196 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014072.D

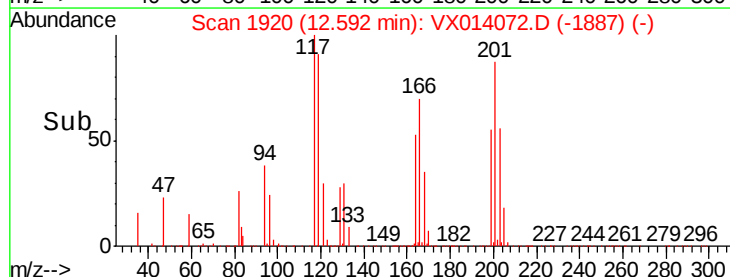
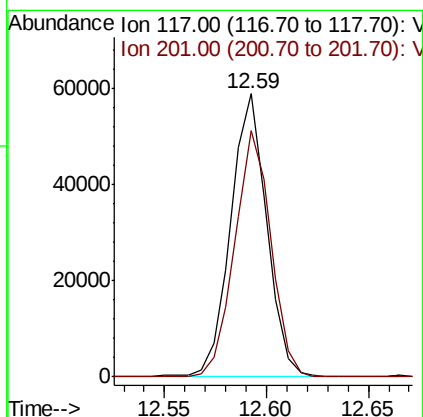
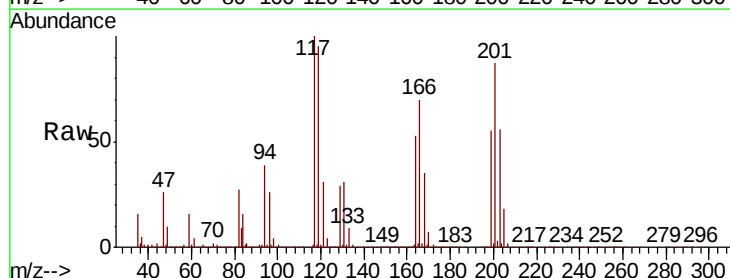
Acq: 18 Dec 2019 00:45

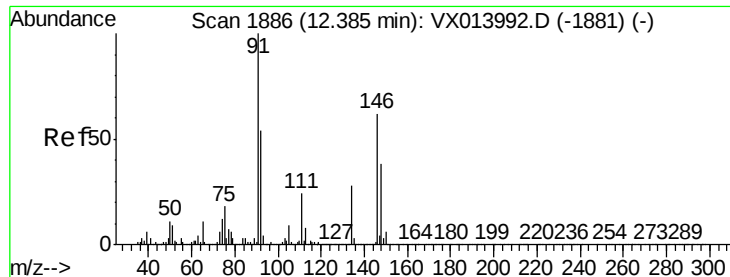
Tgt Ion: 117 Resp: 71314

Ion Ratio Lower Upper

117 100

201 88.1 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 18.321 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

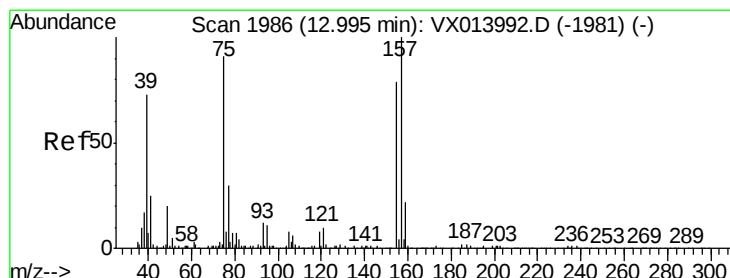
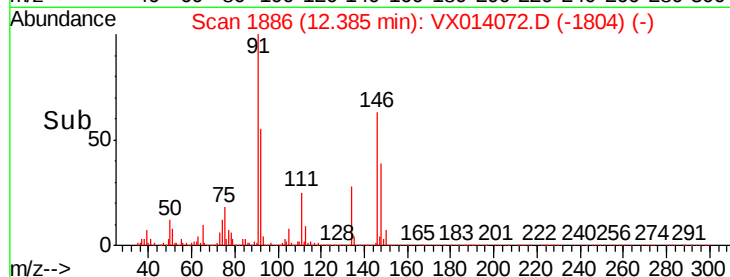
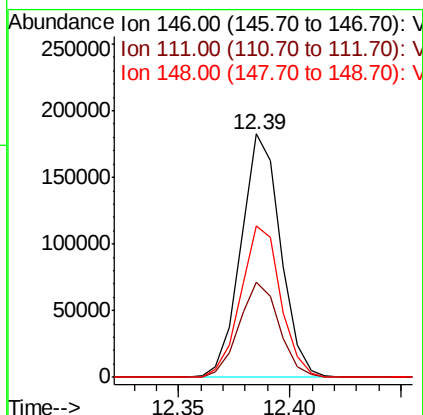
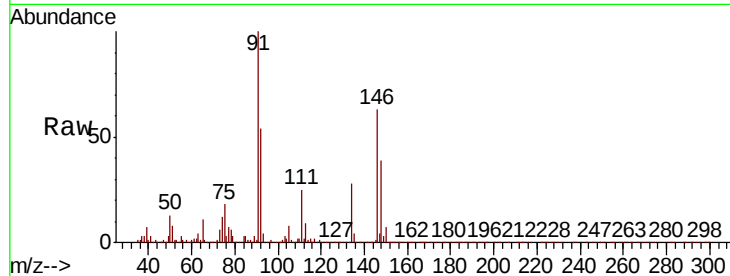
Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Tot Ion:146 Resp: 225529

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	63.2	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.832 ug/l

RT: 12.99 min Scan# 1986

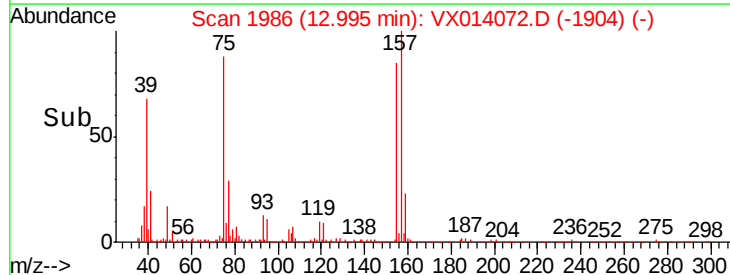
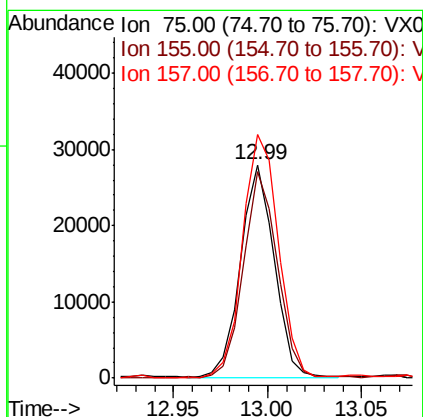
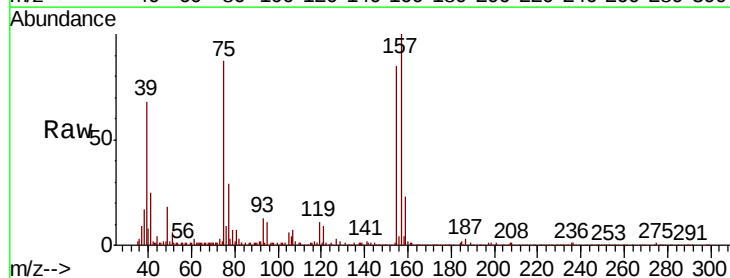
Delta R.T. 0.00 min

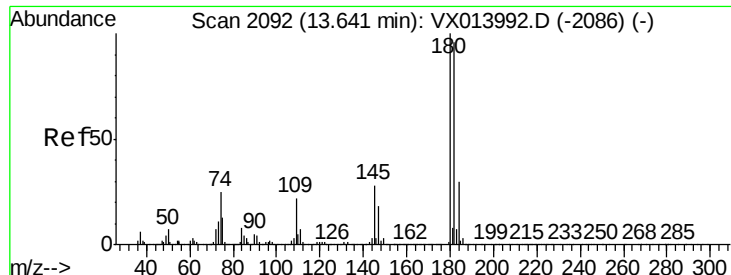
Lab File: VX014072.D

Acq: 18 Dec 2019 00:45

Tgt Ion: 75 Resp: 34671

Ion	Ratio	Lower	Upper
75	100		
155	96.8	73.8	110.6
157	120.8	95.0	142.4

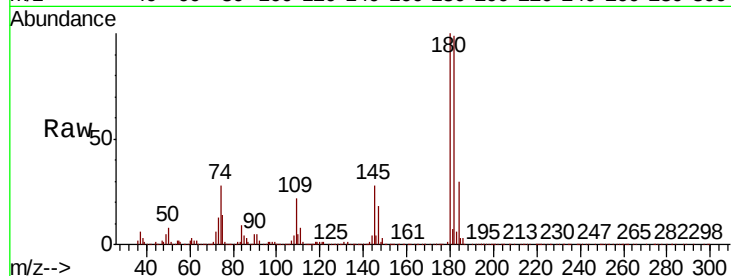




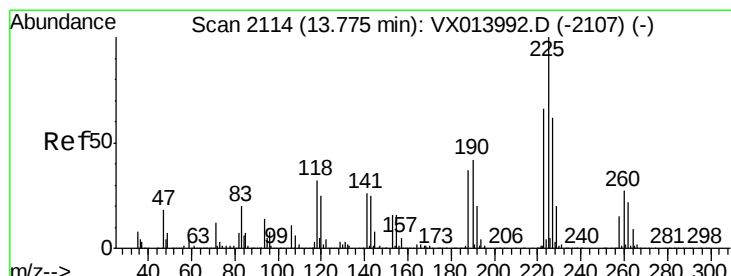
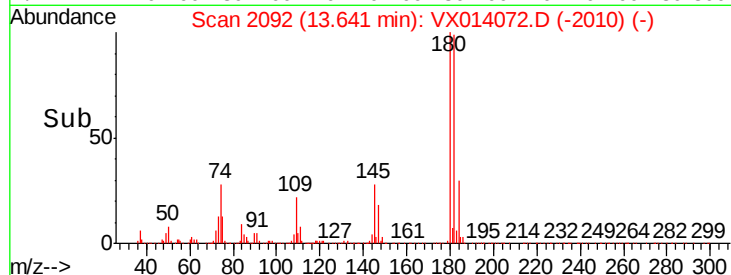
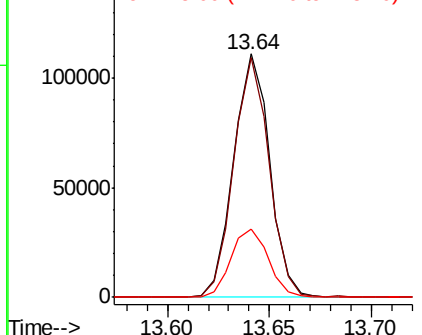
#89
 1,2,4-Trichlorobenzene
 Concen: 17.169 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
145	29.4	21.9	32.9

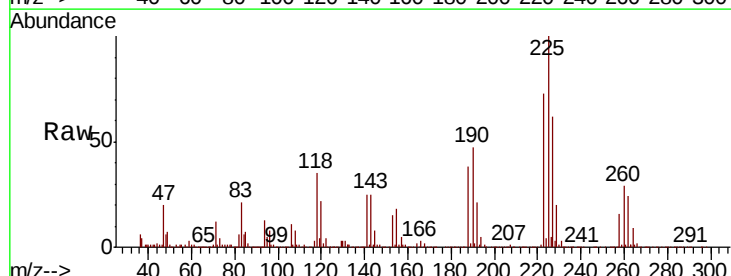


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

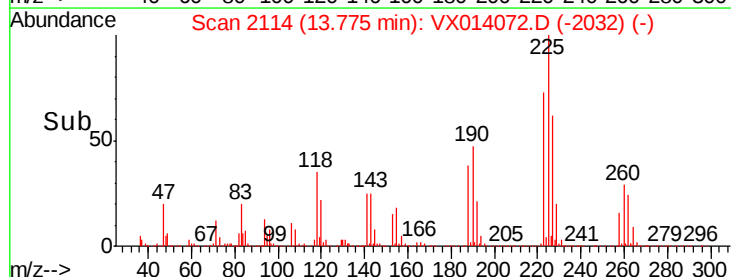
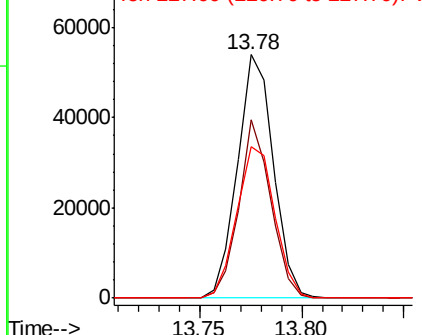


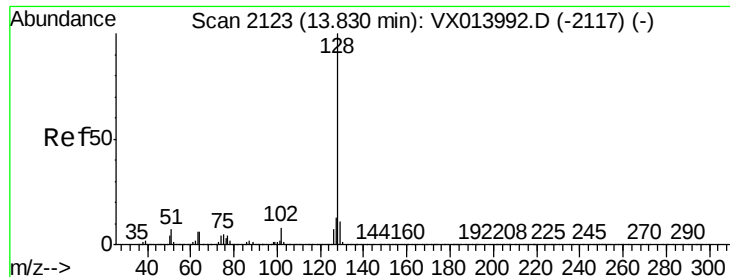
#90
 Hexachlorobutadiene
 Concen: 17.687 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014072.D
 Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	0.0	127.4
227	65.7	0.0	122.8



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

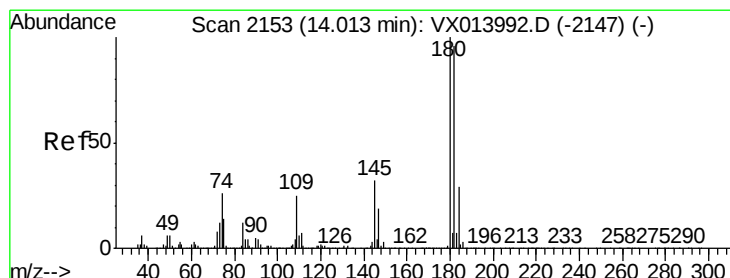
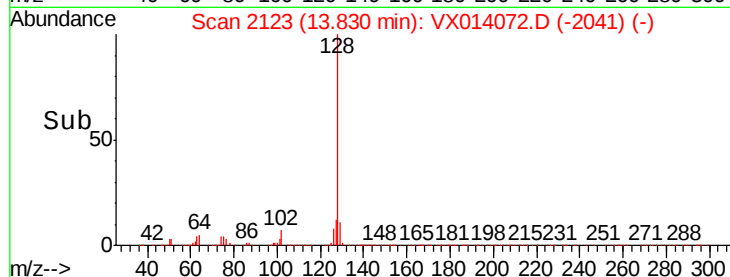
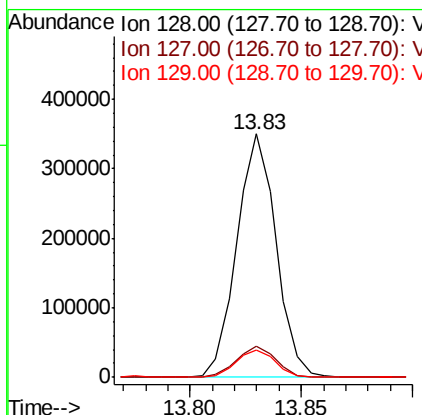
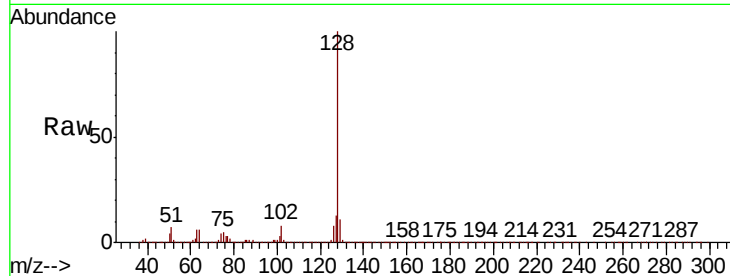




#91
Naphthalene
Concen: 18.152 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.3	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 17.701 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014072.D
Acq: 18 Dec 2019 00:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	0.0	192.8
145	30.6	0.0	60.0

