

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014993.D
 Acq On : 21 Feb 2020 14:12
 Operator : JC/SP
 Sample : VX0221WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Quant Time: Feb 22 00:43:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75810	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	398033	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	365693	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	152487	28.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.43%
60) 4-Bromofluorobenzene	11.13	95	170525	29.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.80%
63) Toluene-d8	8.71	98	475965	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	61624	18.203	ug/l 97
3) Chloromethane	1.32	50	81525	18.624	ug/l 95
4) Vinyl Chloride	1.40	62	87211	18.512	ug/l 99
5) Bromomethane	1.64	94	62090	18.820	ug/l 99
6) Chloroethane	1.72	64	58691	18.598	ug/l 98
7) Trichlorofluoromethane	1.93	101	129598	18.902	ug/l 95
8) Diethyl Ether	2.18	74	57291	19.863	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77575	19.569	ug/l 100
10) 1,1-Dichloroethene	2.37	96	75481	18.940	ug/l 99
11) Methyl Iodide	2.50	142	82490	17.035	ug/l 99
12) Methyl Acetate	2.76	43	101737	20.515	ug/l 99
13) Acrolein	2.28	56	90309	91.566	ug/l 98
14) Acrylonitrile	3.12	53	224282	100.144	ug/l 99
15) Acetone	2.42	58	65989	82.332	ug/l 96
16) Carbon Disulfide	2.56	76	198906	18.563	ug/l 100
17) Allyl chloride	2.72	41	130605	18.840	ug/l 97
18) Methylene Chloride	2.85	84	88719	19.322	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	83963	19.181	ug/l 97
20) Diisopropyl ether	3.84	45	275945	19.491	ug/l 99
21) 1,1-Dichloroethane	3.69	63	146863	18.923	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	96653	19.296	ug/l 97
23) tert-Butyl Alcohol	2.76	59	8999	10.136	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	265294	20.009	ug/l 99
25) Chloroform	5.20	83	150087	19.177	ug/l 98
26) Cyclohexane	5.57	56	132364	19.083	ug/l 99
29) 1,1-Dichloropropene	5.79	75	113590	20.176	ug/l 99
30) 2-Butanone	4.65	43	317749	97.780	ug/l 99
31) 2,2-Dichloropropane	4.57	77	118122	19.107	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	126322	19.758	ug/l 98
33) Carbon Tetrachloride	5.78	117	108402	19.369	ug/l 90
34) Benzene	6.13	78	340847	20.064	ug/l 98
35) Methacrylonitrile	5.02	41	69885	21.082	ug/l 97
36) 1,2-Dichloroethane	6.18	62	122622	20.392	ug/l 99
37) Trichloroethene	7.20	130	97625	20.467	ug/l 96
38) Methylcyclohexane	7.45	83	141212	20.236	ug/l 98
39) 1,2-Dichloropropane	7.50	63	86348	19.747	ug/l 99
40) Dibromomethane	7.65	93	59783	20.474	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	117264	20.330	ug/l	98
42) Vinyl Acetate	3.80	43	1184490	103.557	ug/l	99
43) Ethyl Acetate	4.81	43	123069	20.931	ug/l	96
44) Isopropyl Acetate	6.43	43	201275	20.363	ug/l	99
45) 1,4-Dioxane	7.73	88	41215	451.260	ug/l	95
46) Methyl methacrylate	7.76	41	100082	20.467	ug/l	99
47) n-amyl Acetate	10.89	43	172700	20.168	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	129844	20.290	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	140573	19.953	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	89975	20.683	ug/l	96
51) Ethyl methacrylate	9.17	69	137144	20.426	ug/l	98
52) 1,3-Dichloropropane	9.36	76	149616	20.331	ug/l	99
53) Dibromochloromethane	9.57	129	97352	20.699	ug/l	98
54) 1,2-Dibromoethane	9.67	107	97178	21.040	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	338750	94.714	ug/l	100
56) Bromoform	10.85	173	72781	19.740	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	628270	104.830	ug/l	99
59) 2-Hexanone	9.48	43	474158	101.257	ug/l	99
61) Tetrachloroethene	9.33	164	99140	20.184	ug/l	96
62) Toluene	8.78	91	375079	20.024	ug/l	99
64) Chlorobenzene	10.13	112	240422	20.109	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	90474	20.430	ug/l	99
66) Ethyl Benzene	10.25	91	418943	20.304	ug/l	98
67) m/p-Xylenes	10.36	106	317316	39.881	ug/l	100
68) o-Xylene	10.69	106	152605	19.822	ug/l	99
69) Styrene	10.71	104	261764	19.908	ug/l	99
70) Isopropylbenzene	11.01	105	408275	19.965	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	134767	20.468	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	153759	28.153	ug/l	91
73) Bromobenzene	11.25	156	111312	20.145	ug/l	99
74) n-propylbenzene	11.35	91	475335	20.423	ug/l	100
75) 2-Chlorotoluene	11.42	91	278684	20.262	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	345134	20.138	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	42146	19.137	ug/l	98
78) 4-Chlorotoluene	11.51	91	318522	20.021	ug/l	99
79) tert-butylbenzene	11.76	119	334141	20.181	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	344870	20.241	ug/l	99
81) sec-Butylbenzene	11.94	105	401552	20.251	ug/l	99
82) p-Isopropyltoluene	12.06	119	372481	20.220	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	196892	20.327	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	202624	20.773	ug/l	99
85) n-Butylbenzene	12.38	91	319344	19.921	ug/l	100
86) Hexachloroethane	12.59	117	64053	19.237	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	198856	20.631	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29135	20.318	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	139319	20.100	ug/l	99
90) Hexachlorobutadiene	13.78	225	69038	20.055	ug/l	98
91) Naphthalene	13.83	128	400471	20.407	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	139438	20.262	ug/l	100

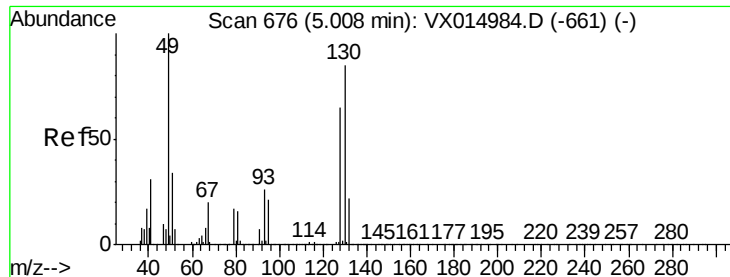
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

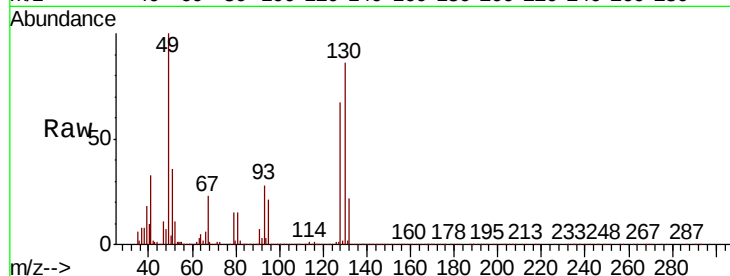
Tot Ion:128 Resp: 75810

Ion Ratio Lower Upper

128 100

49 154.0 0.0 384.7

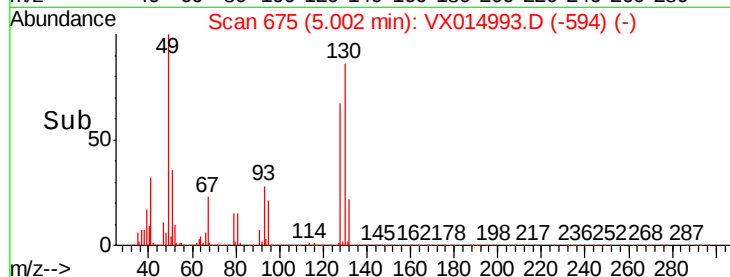
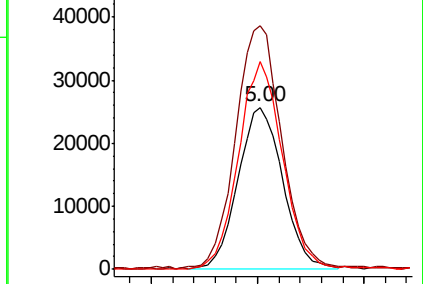
130 126.9 0.0 330.8



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: 18.203 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014993.D

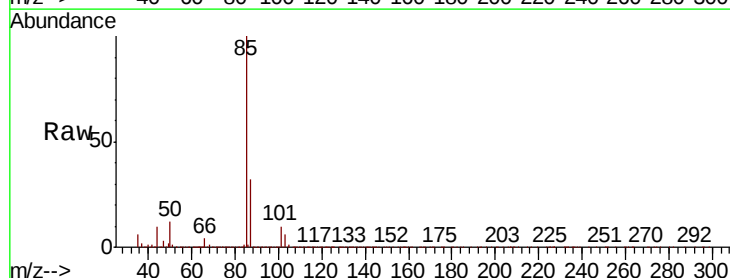
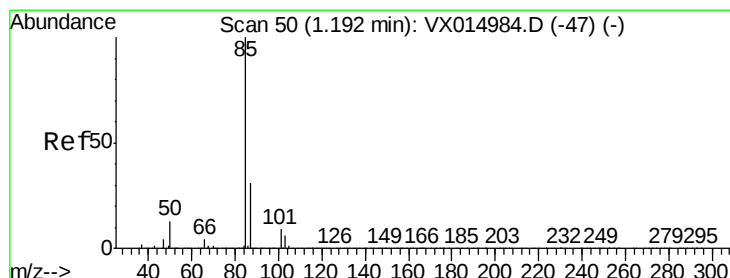
Acq: 21 Feb 2020 14:12

Tgt Ion: 85 Resp: 61624

Ion Ratio Lower Upper

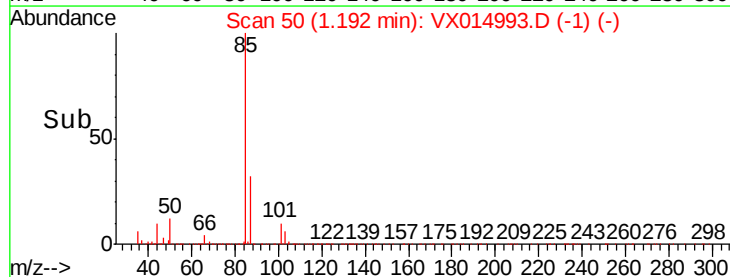
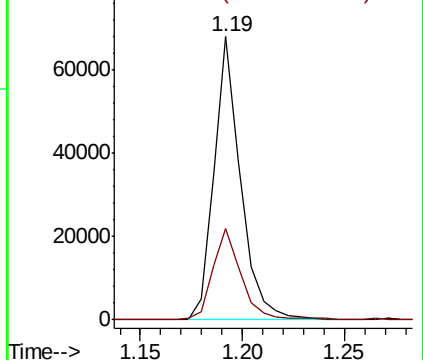
85 100

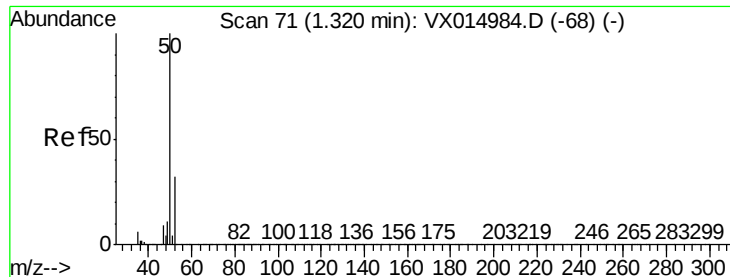
87 32.4 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

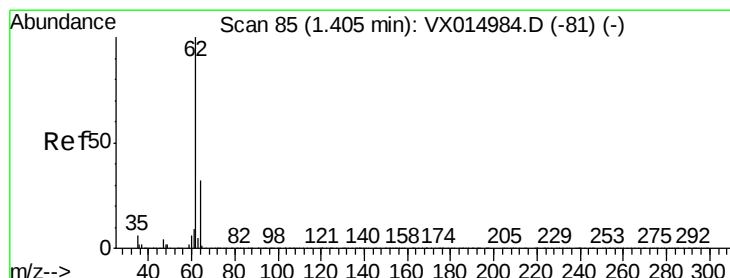
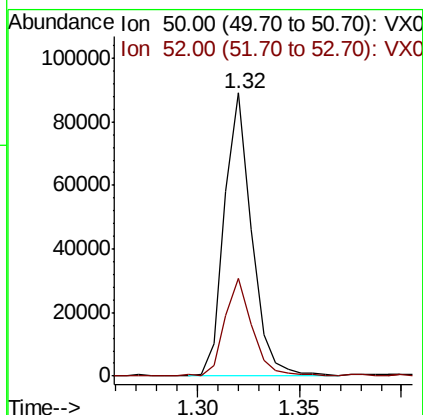
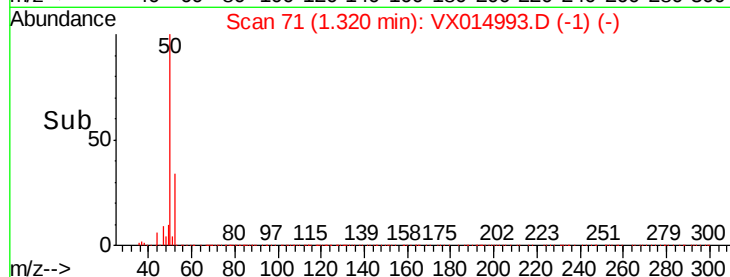
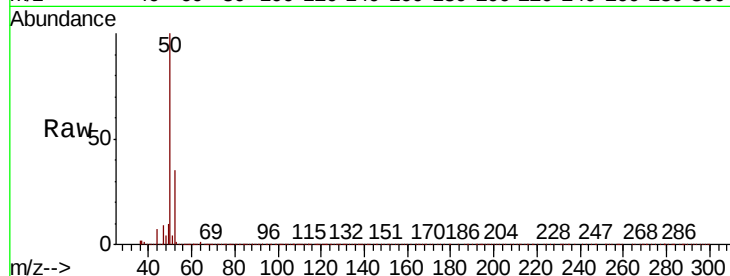




#3
Chloromethane
Concen: 18.624 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

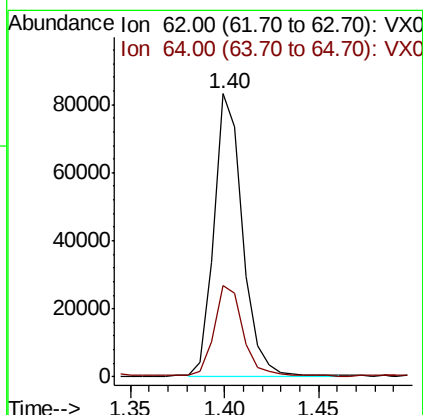
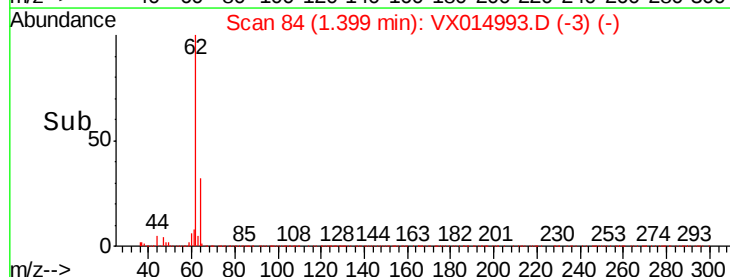
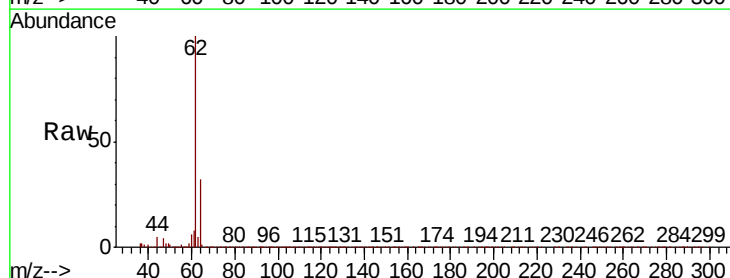
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

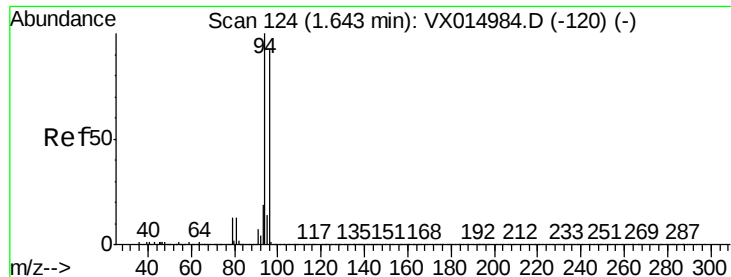
Tot Ion: 50 Resp: 81525
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.0



#4
Vinyl Chloride
Concen: 18.512 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 62 Resp: 87211
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5

Bromomethane

Concen: 18.820 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

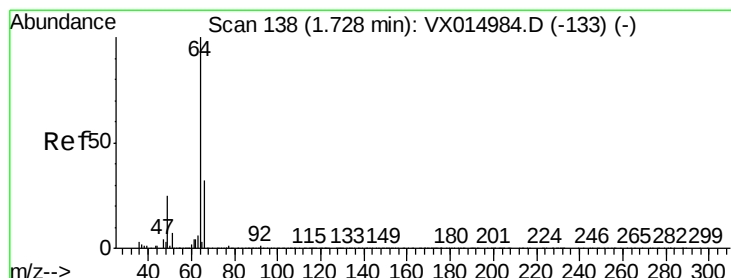
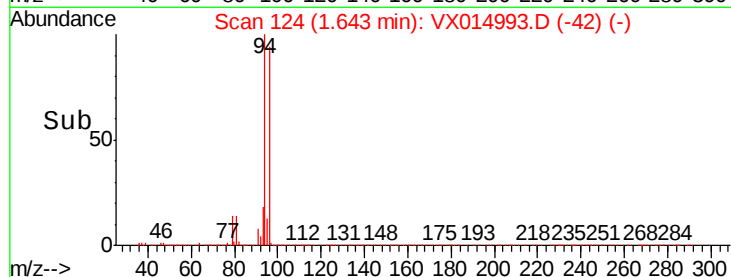
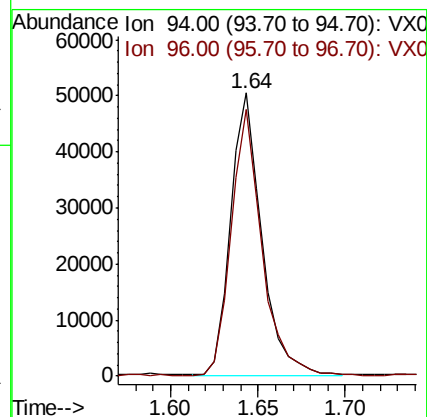
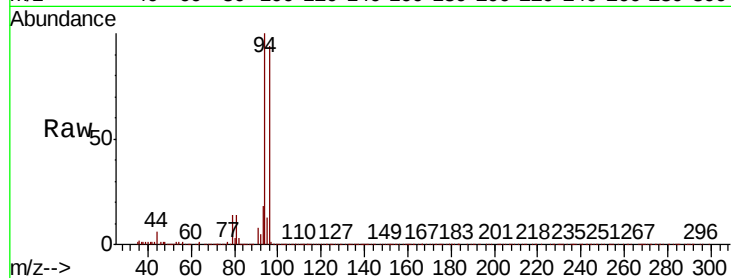
VX0221WBSD01

Tot Ion: 94 Resp: 62090

Ion Ratio Lower Upper

94 100

96 94.1 74.6 112.0



#6

Chloroethane

Concen: 18.598 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014993.D

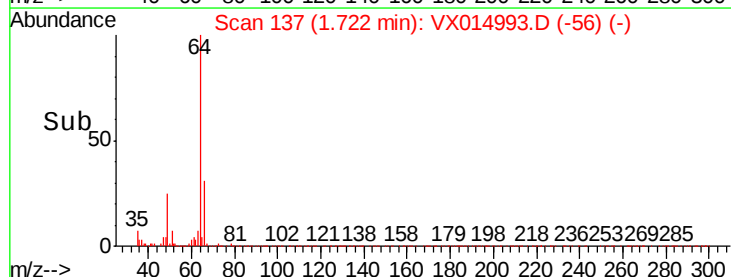
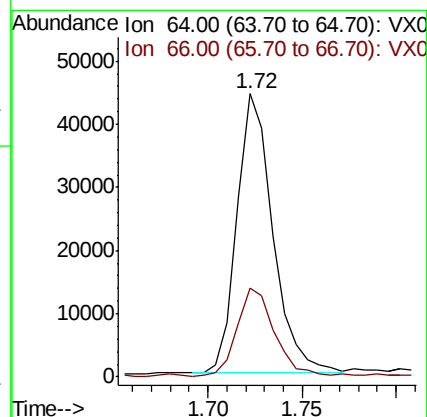
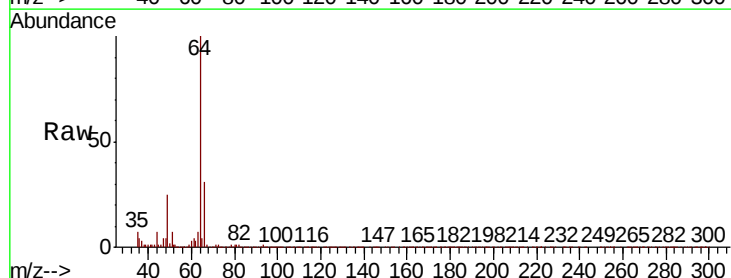
Acq: 21 Feb 2020 14:12

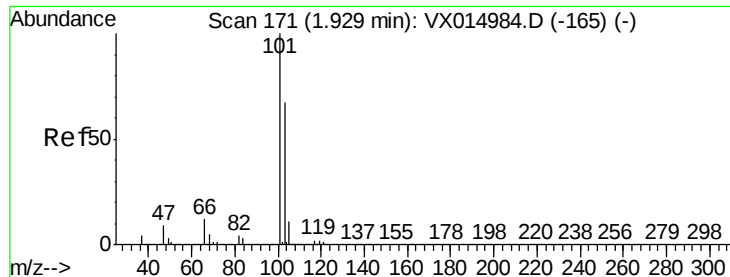
Tgt Ion: 64 Resp: 58691

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



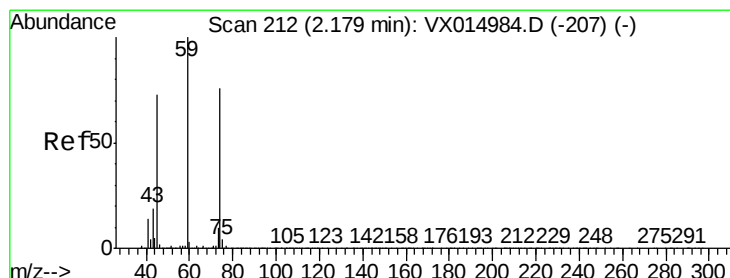
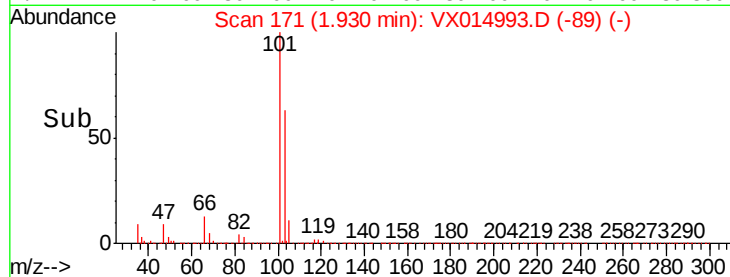
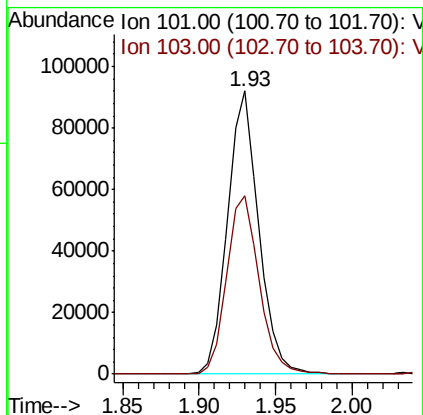
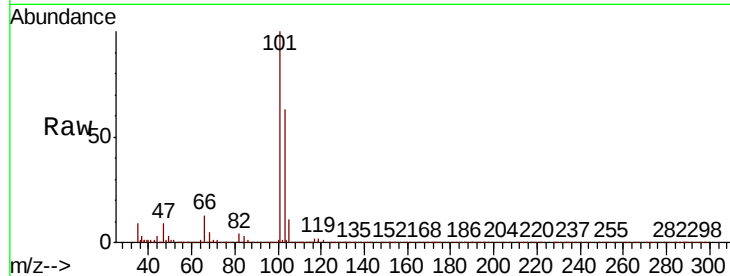


#7

Trichlorofluoromethane
Concen: 18.902 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

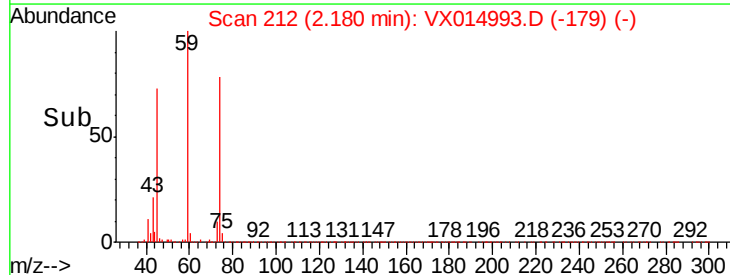
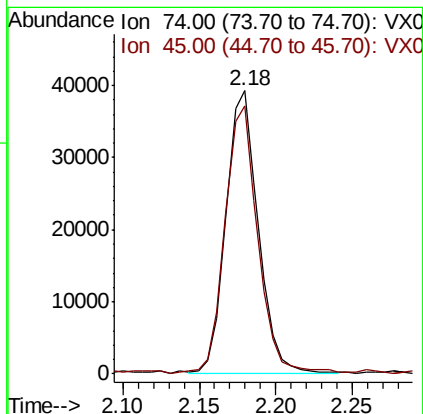
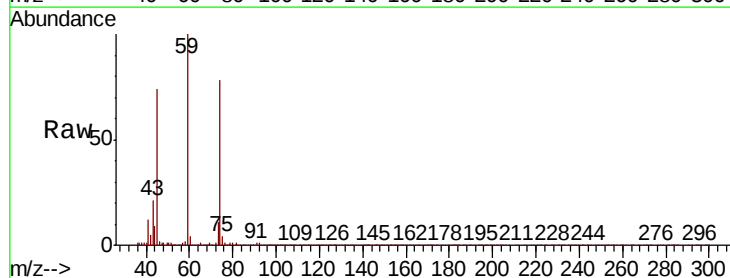
Tot Ion:101 Resp: 129598
Ion Ratio Lower Upper
101 100
103 62.9 53.4 80.2

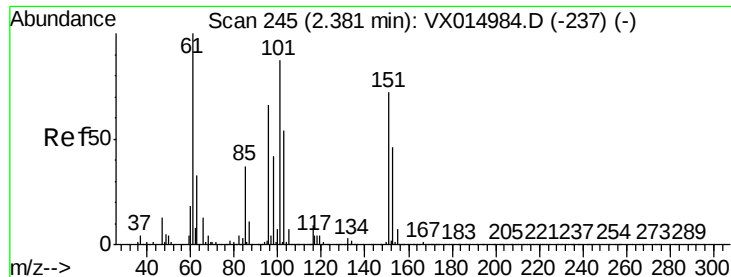


#8

Diethyl Ether
Concen: 19.863 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 74 Resp: 57291
Ion Ratio Lower Upper
74 100
45 94.9 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.569 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

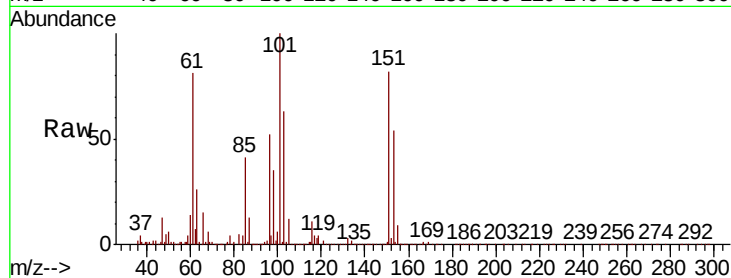
Tot Ion:101 Resp: 77575

Ion Ratio Lower Upper

101 100

85 43.2 0.0 86.6

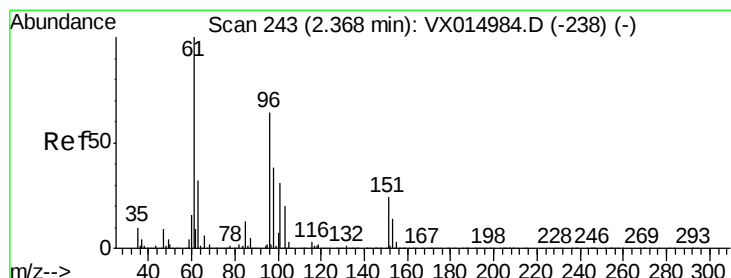
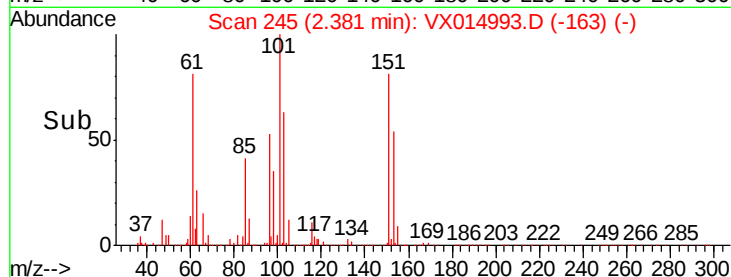
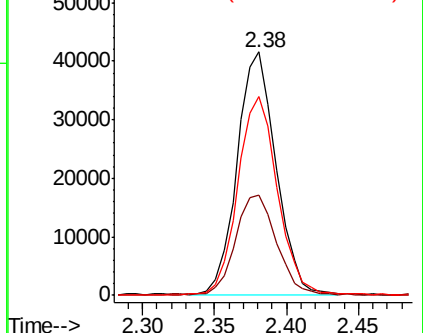
151 83.9 0.0 167.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.940 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

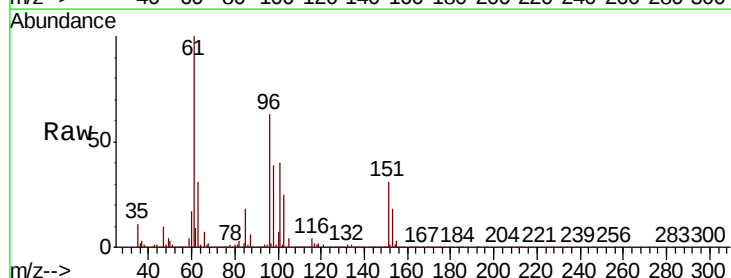
Tgt Ion: 96 Resp: 75481

Ion Ratio Lower Upper

96 100

61 158.3 126.1 189.1

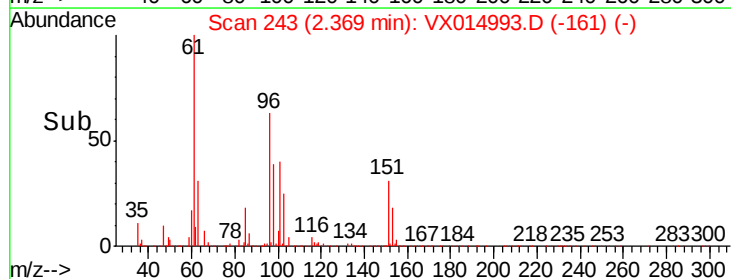
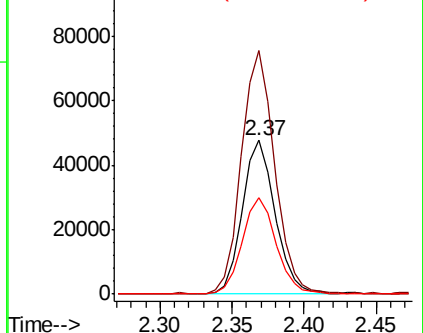
98 62.4 48.2 72.2

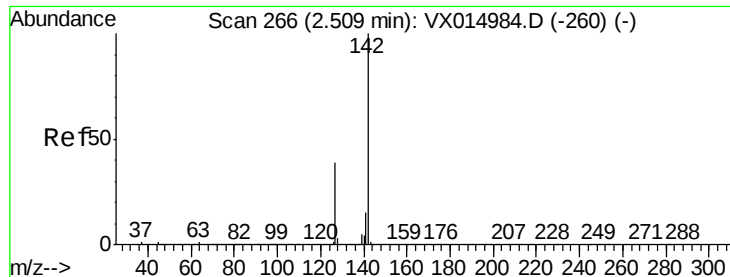


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

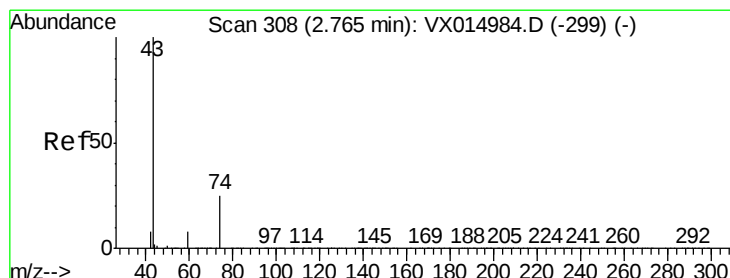
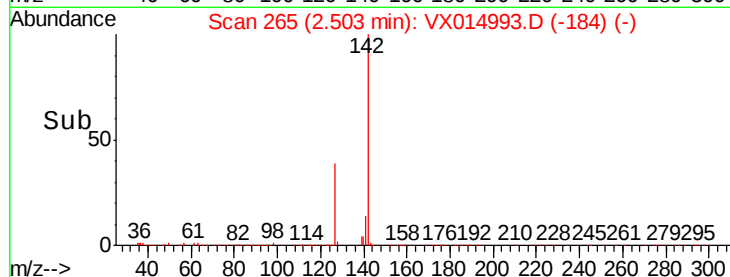
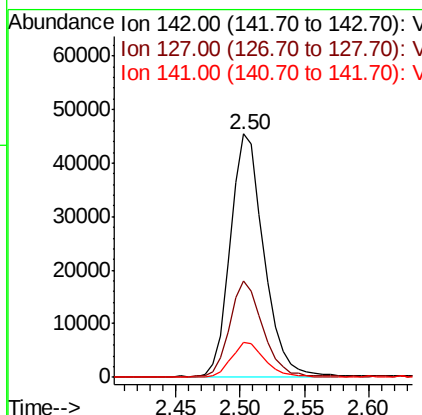
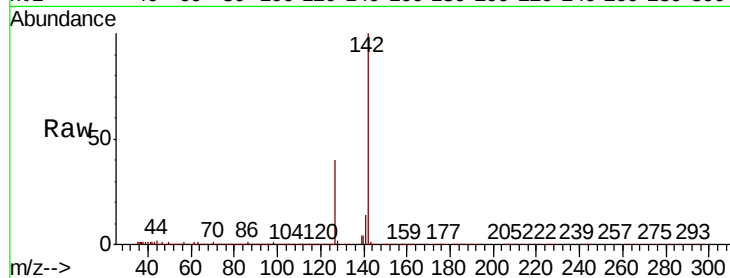




#11
Methvl Iodide
Concen: 17.035 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

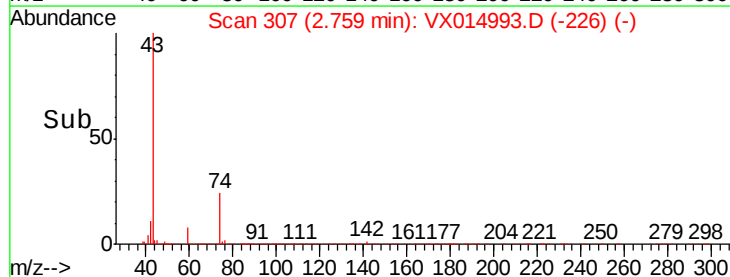
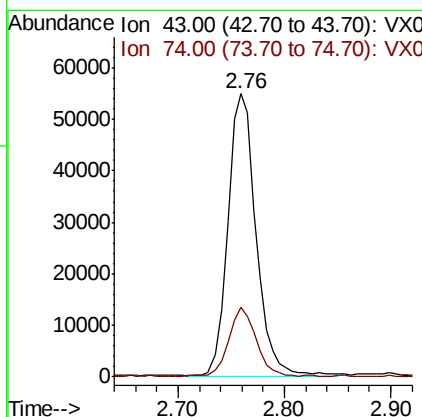
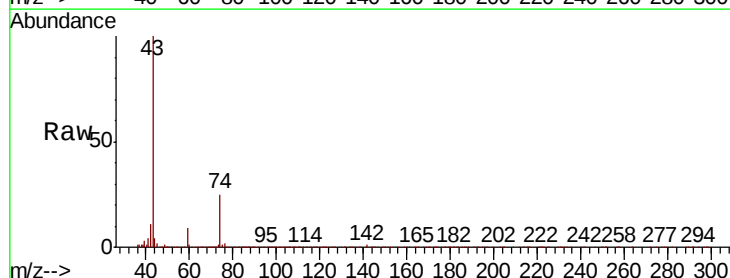
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

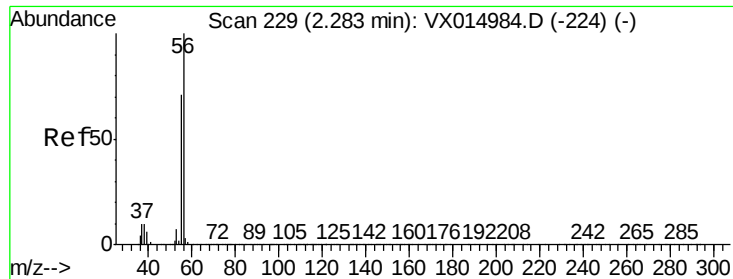
Tot Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.7	59.0
141	14.2	7.4	22.2



#12
Methyl Acetate
Concen: 20.515 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.8	29.8

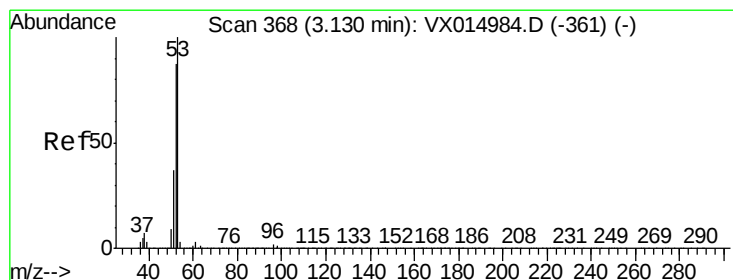
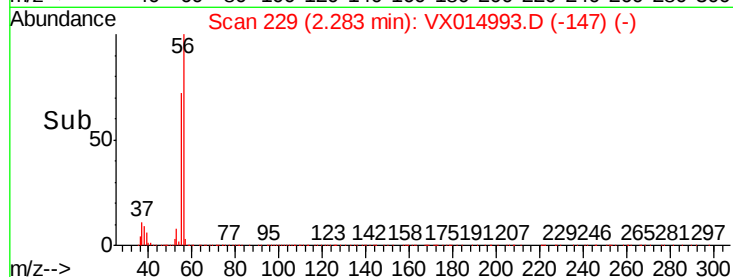
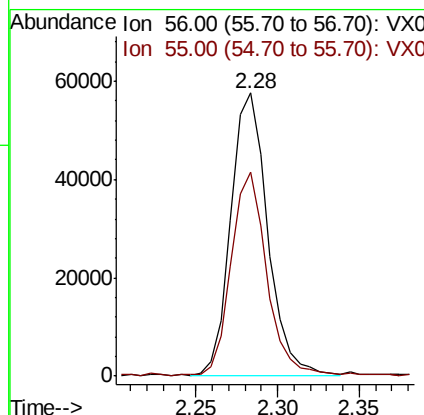
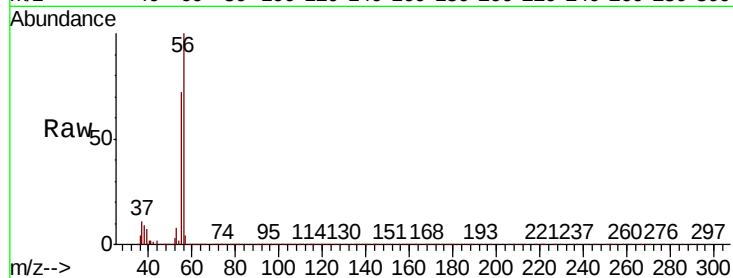




#13
Acrolein
Concen: 91.566 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

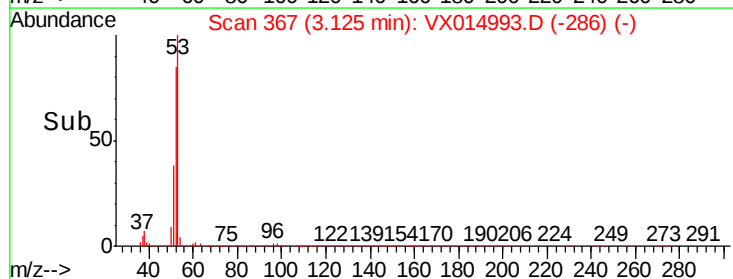
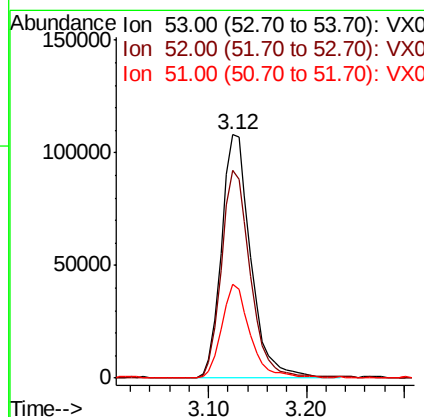
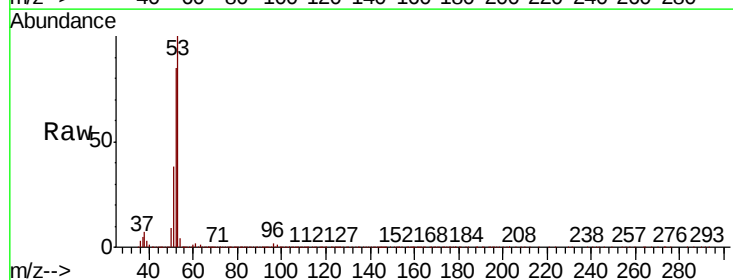
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

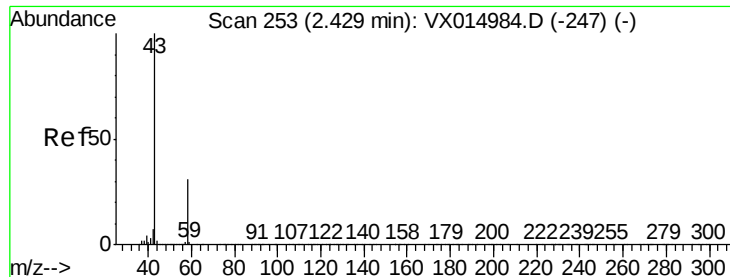
Tot Ion: 56 Resp: 90309
Ion Ratio Lower Upper
56 100
55 68.7 56.2 84.2



#14
Acrylonitrile
Concen: 100.144 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 53 Resp: 224282
Ion Ratio Lower Upper
53 100
52 83.8 41.5 124.6
51 37.2 18.1 54.4





#15

Acetone

Concen: 82.332 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

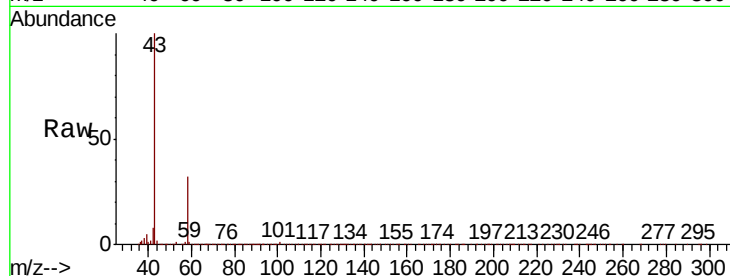
VX0221WBSD01

Tot Ion: 58 Resp: 65989

Ion Ratio Lower Upper

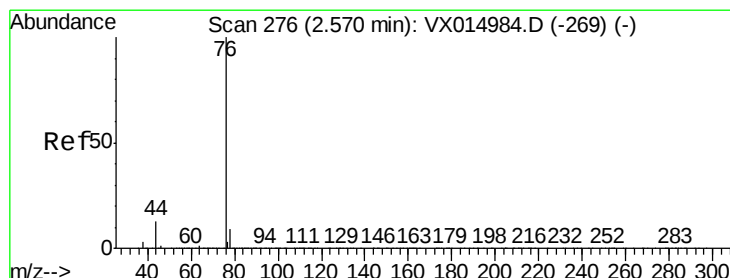
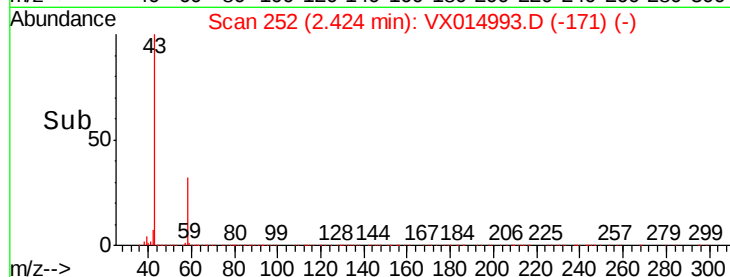
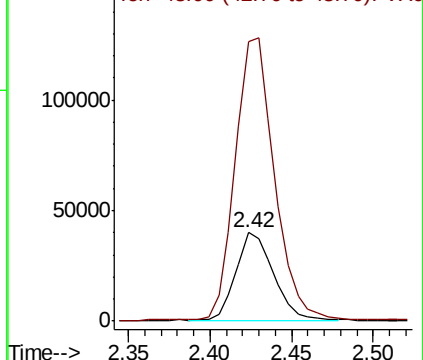
58 100

43 314.3 257.7 386.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.563 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014993.D

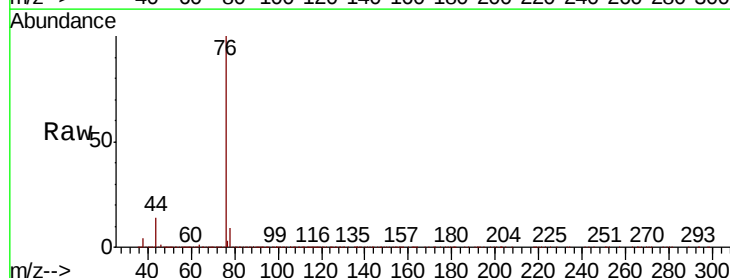
Acq: 21 Feb 2020 14:12

Tgt Ion: 76 Resp: 198906

Ion Ratio Lower Upper

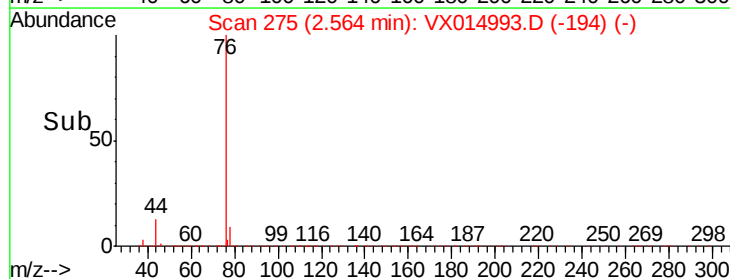
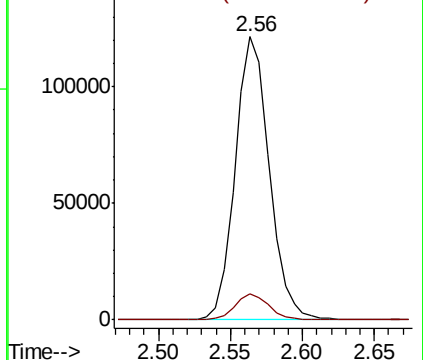
76 100

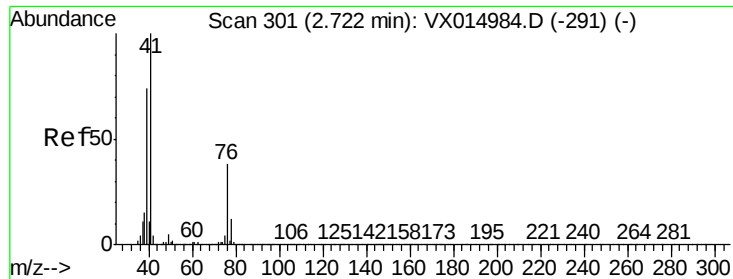
78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

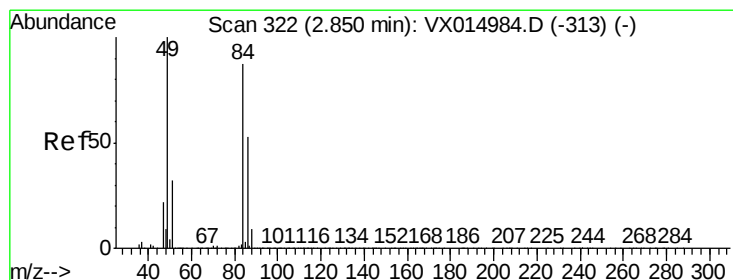
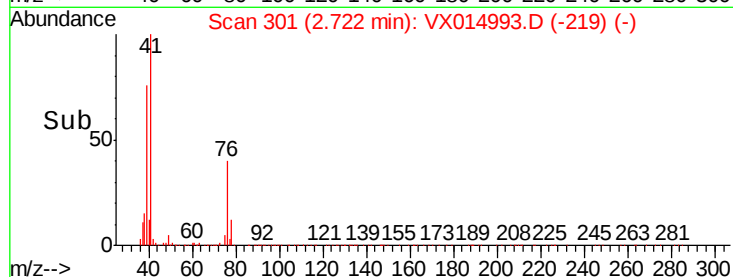
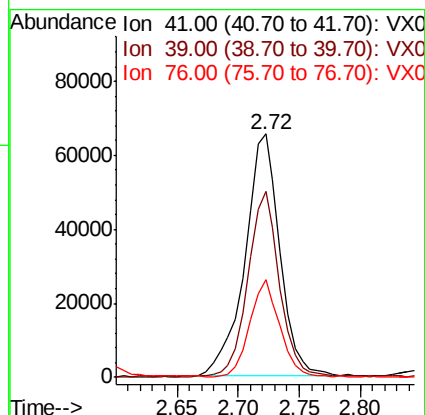
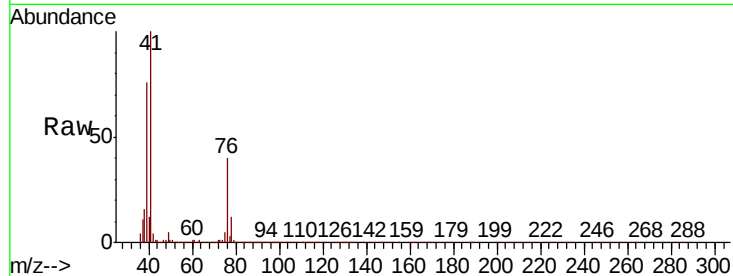




#17
Allvl chloride
Concen: 18.840 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

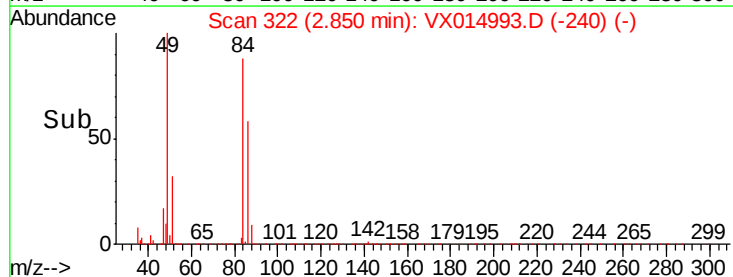
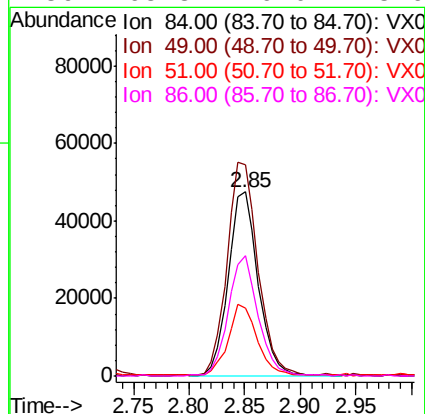
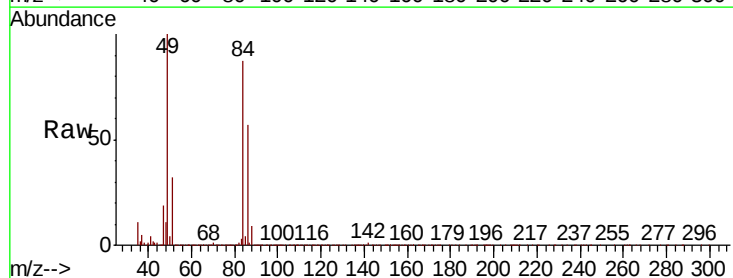
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

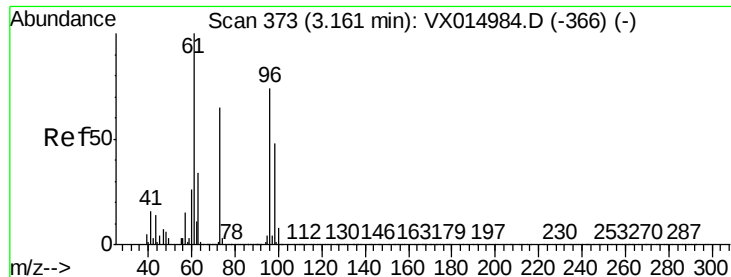
Tot Ion: 41 Resp: 130605
Ion Ratio Lower Upper
41 100
39 76.5 37.1 111.5
76 39.9 18.8 56.4



#18
Methylene Chloride
Concen: 19.322 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 84 Resp: 88719
Ion Ratio Lower Upper
84 100
49 114.1 92.2 138.2
51 36.5 29.7 44.5
86 65.3 49.0 73.6





#19

trans-1,2-Dichloroethene

Concen: 19.181 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

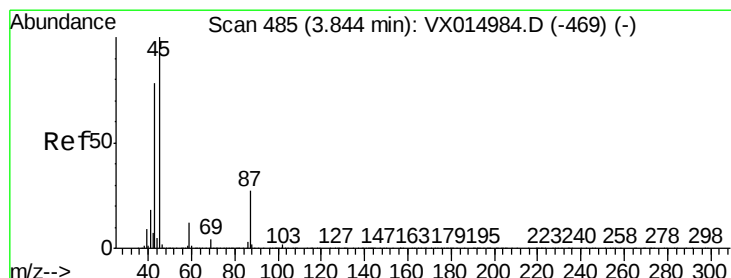
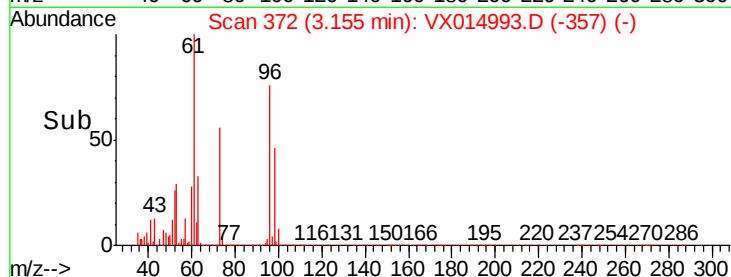
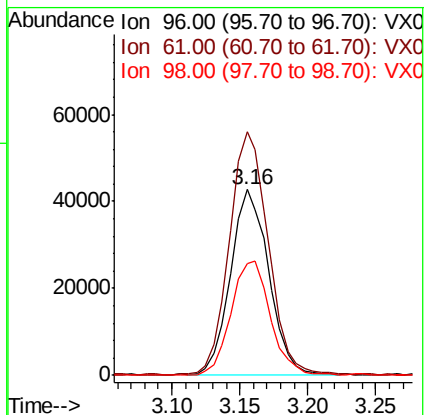
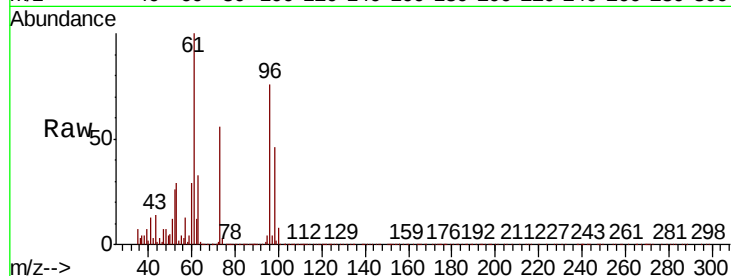
Tot Ion: 96 Resp: 83963

Ion Ratio Lower Upper

96 100

61 130.8 107.1 160.7

98 60.1 51.4 77.2



#20

Diisopropyl ether

Concen: 19.491 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion: 45 Resp: 275945

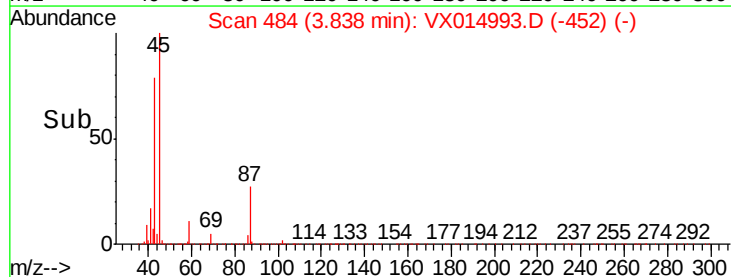
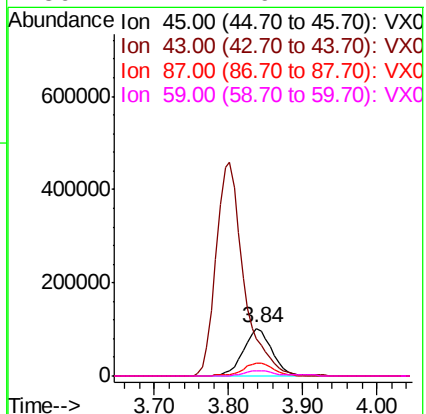
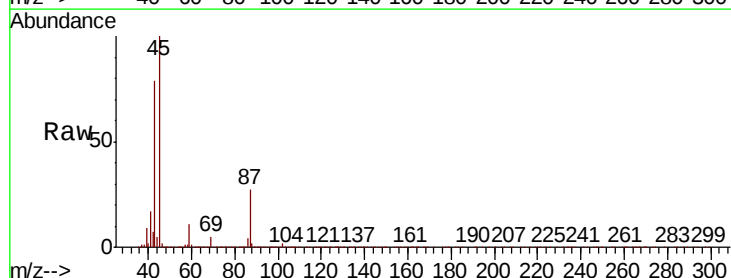
Ion Ratio Lower Upper

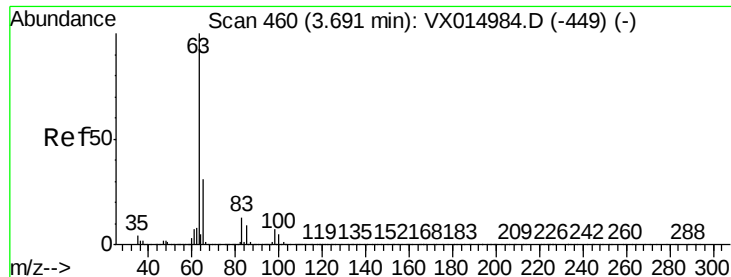
45 100

43 78.4 62.3 93.5

87 26.7 21.8 32.6

59 11.4 9.4 14.2

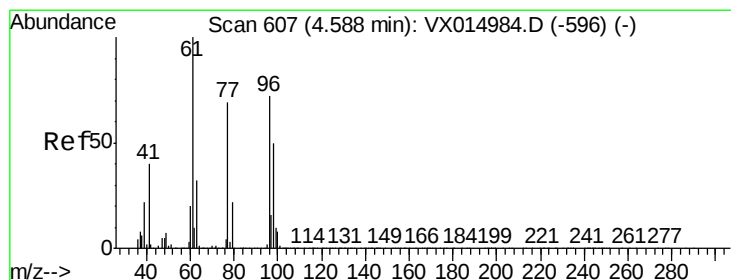
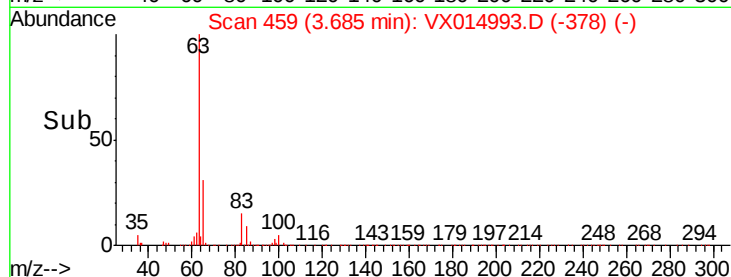
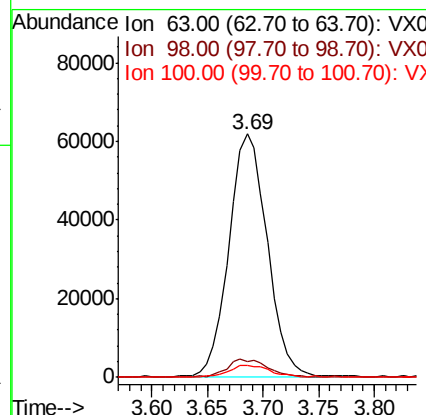
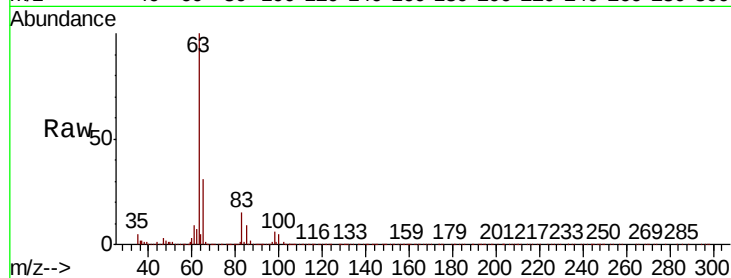




#21
1,1-Dichloroethane
Concen: 18.923 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

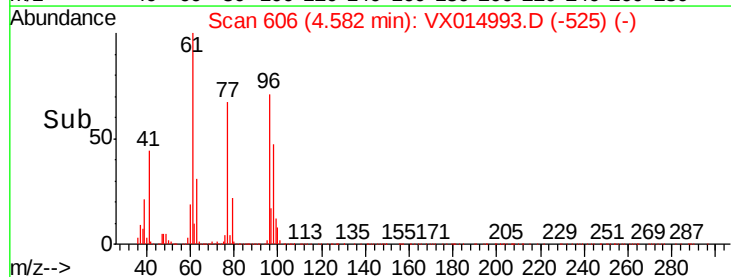
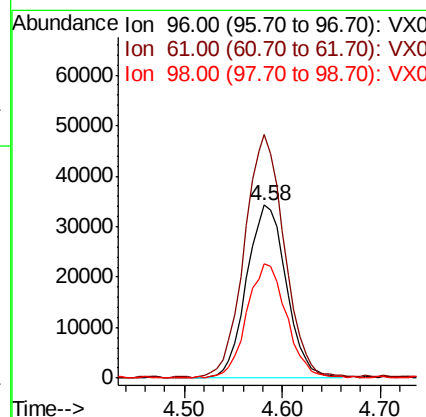
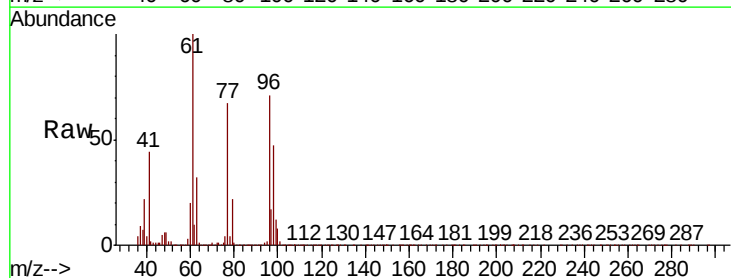
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

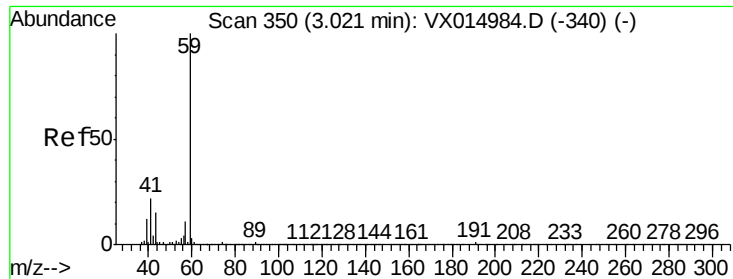
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.5	10.5
100	4.7	2.5	7.5



#22
cis-1,2-Dichloroethene
Concen: 19.296 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.4	110.6	165.8
98	65.7	50.4	75.6



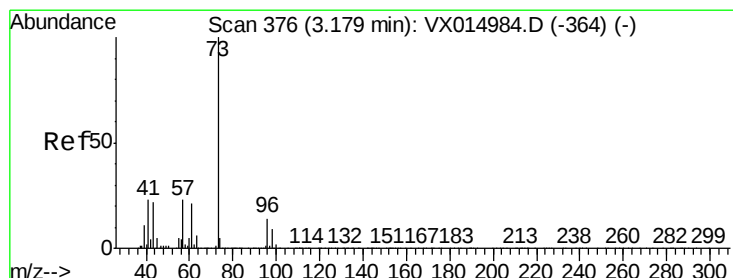
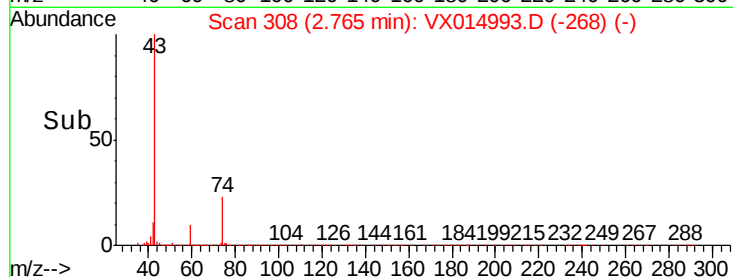
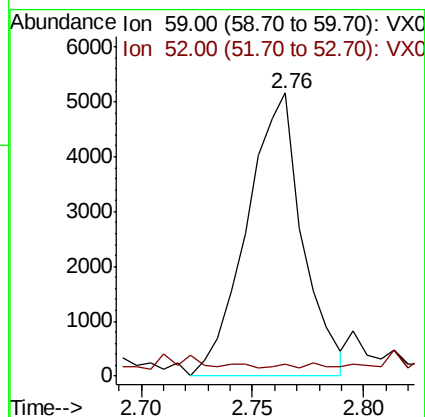
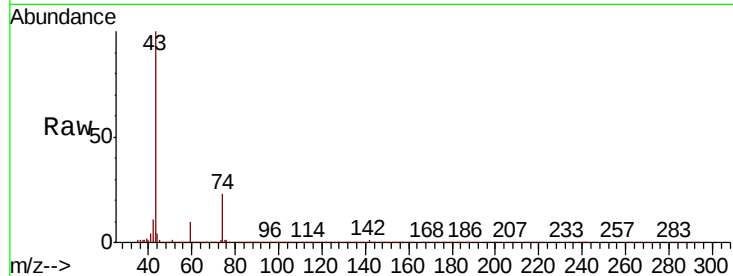


#23

tert-Butyl Alcohol
 Concen: 10.136 ug/l
 RT: 2.76 min Scan# 308
 Delta R.T. -0.26 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

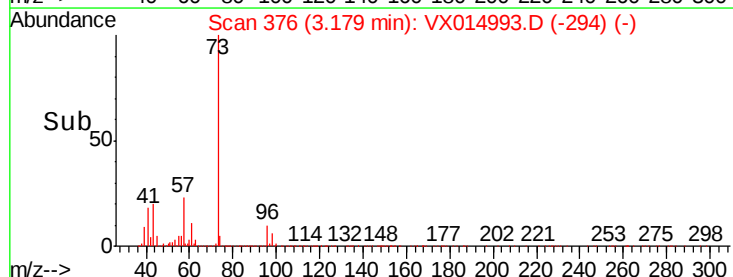
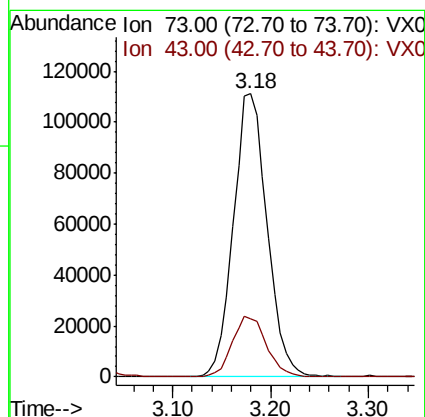
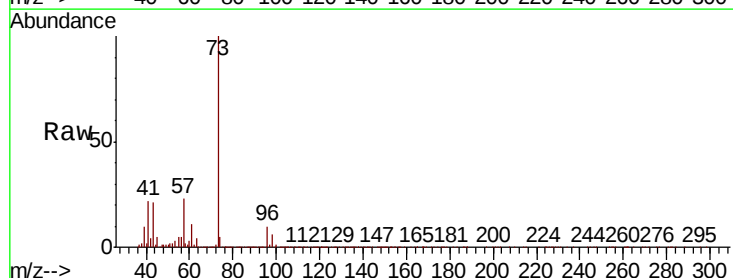
Tot Ion: 59 Resp: 8999
 Ion Ratio Lower Upper
 59 100
 52 0.4 0.4 0.6

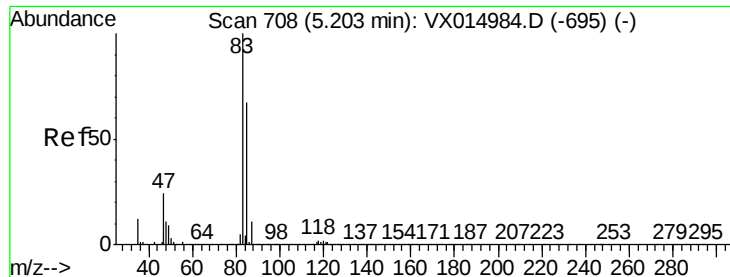


#24

Methyl tert-Butyl Ether
 Concen: 20.009 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion: 73 Resp: 265294
 Ion Ratio Lower Upper
 73 100
 43 21.5 17.7 26.5





#25

Chloroform

Concen: 19.177 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

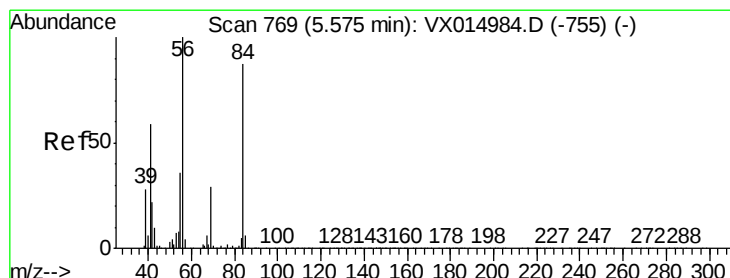
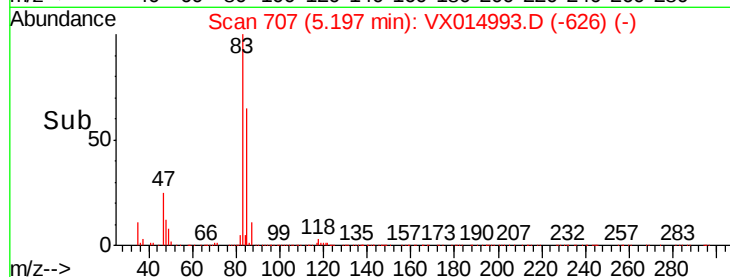
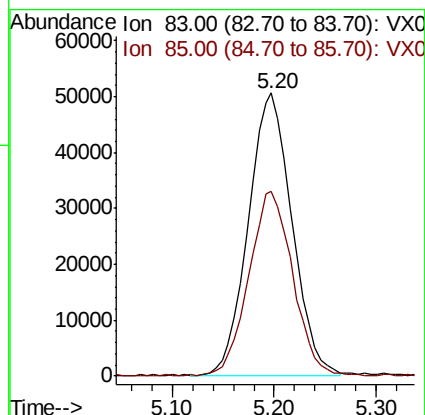
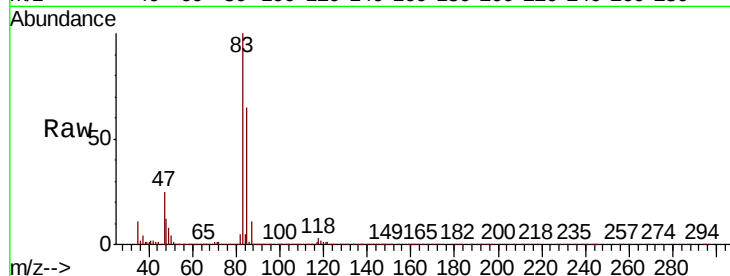
VX0221WBSD01

Tot Ion: 83 Resp: 150087

Ion Ratio Lower Upper

83 100

85 64.7 53.4 80.0



#26

Cyclohexane

Concen: 19.083 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

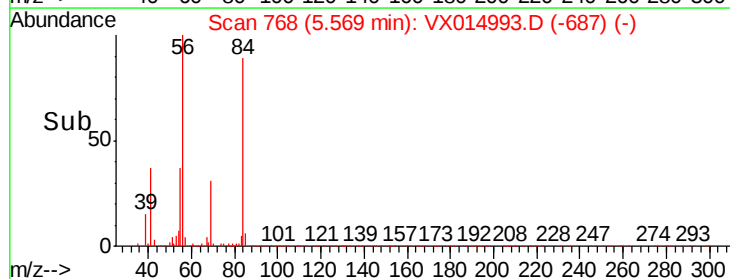
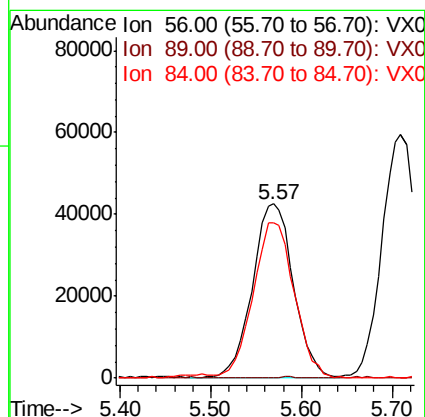
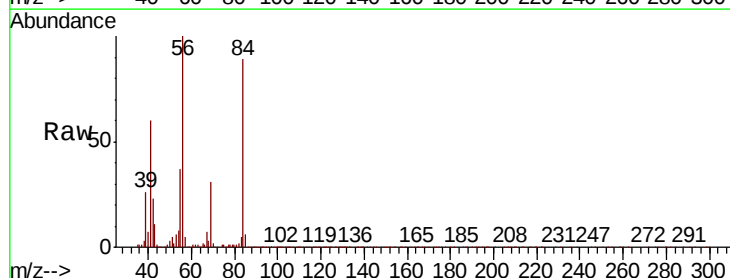
Tgt Ion: 56 Resp: 132364

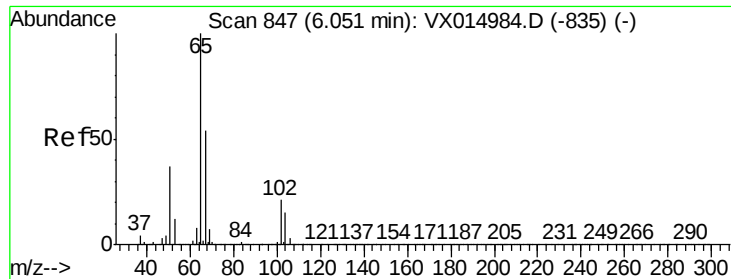
Ion Ratio Lower Upper

56 100

89 0.2 0.2 0.2

84 89.1 71.8 107.8

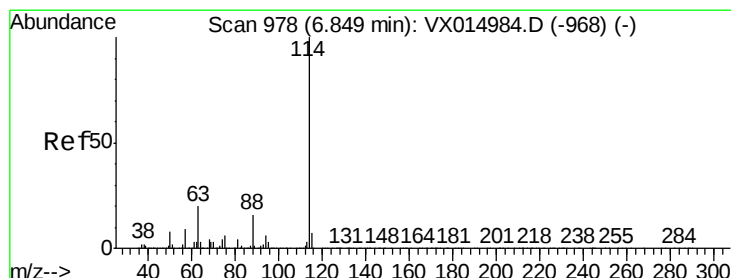
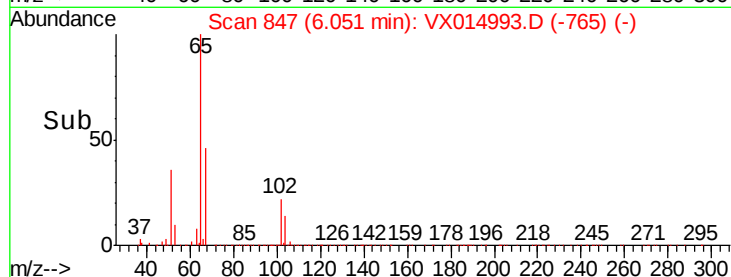
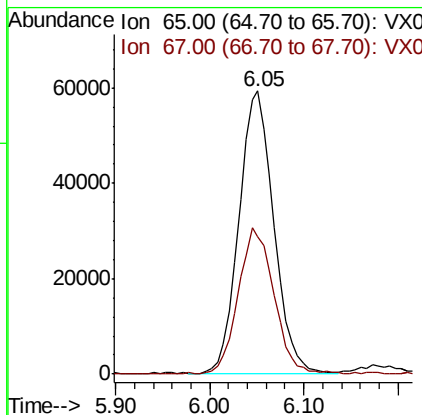
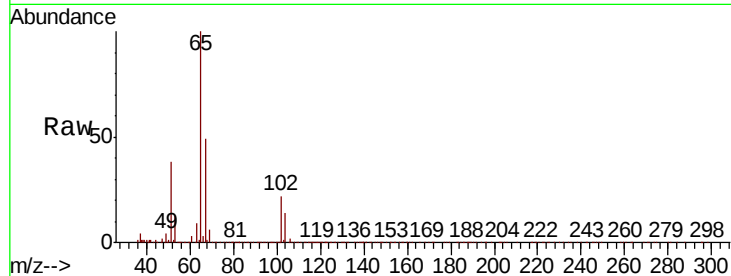




#27
 1,2-Dichloroethane-d4
 Concen: 28.927 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

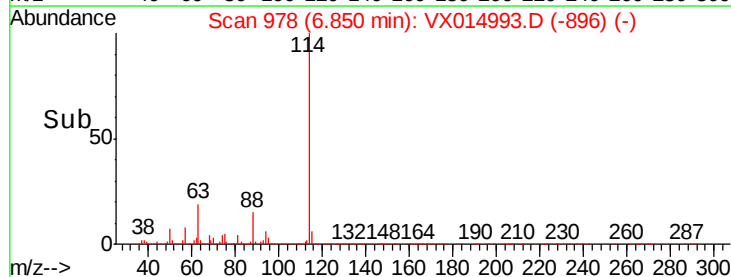
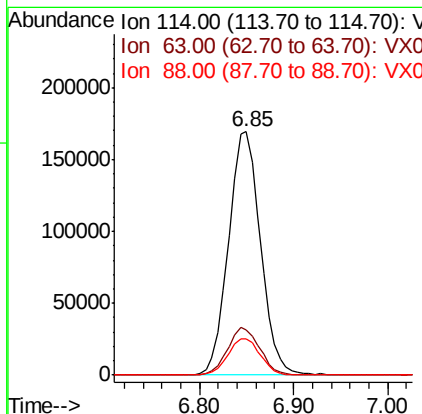
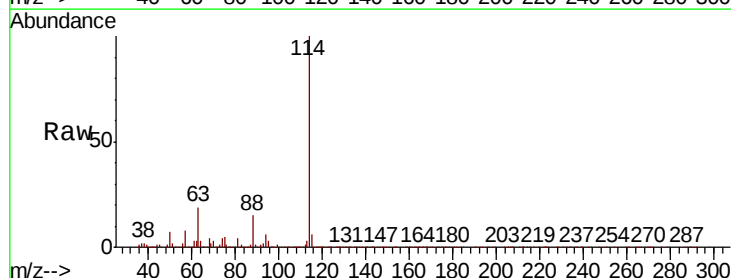
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

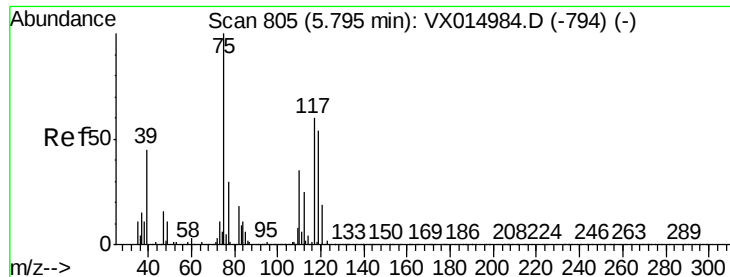
Tot Ion: 65 Resp: 152487
 Ion Ratio Lower Upper
 65 100
 67 52.3 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion: 114 Resp: 398033
 Ion Ratio Lower Upper
 114 100
 63 19.7 15.6 23.4
 88 15.2 12.2 18.2

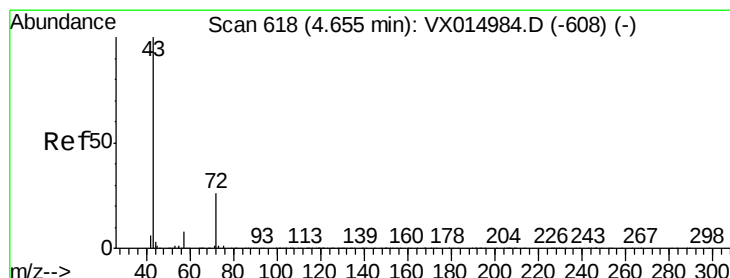
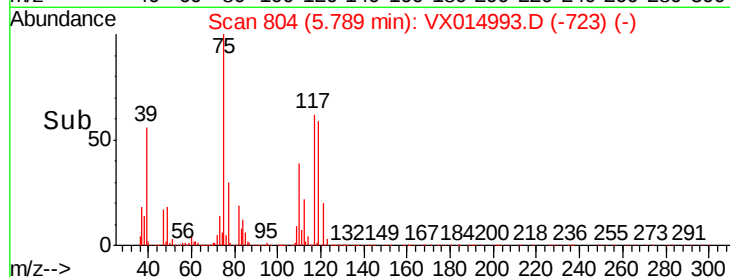
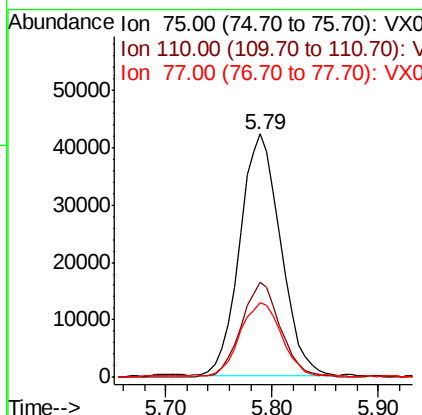
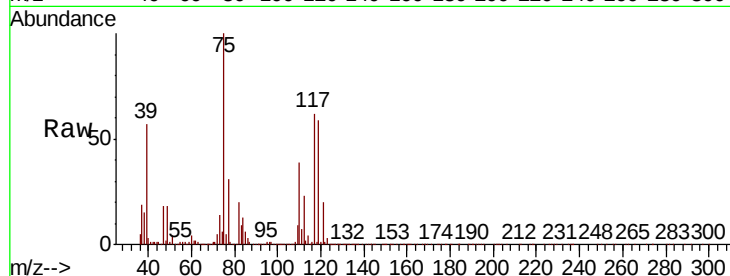




#29
 1,1-Dichloropropene
 Concen: 20.176 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

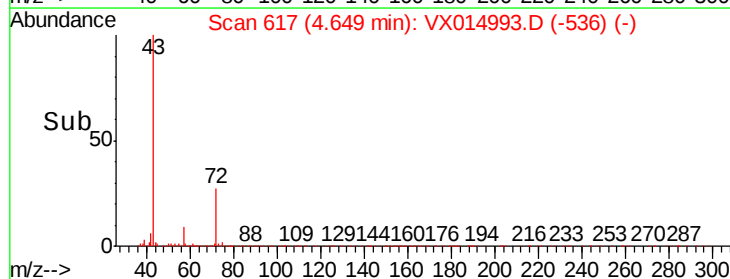
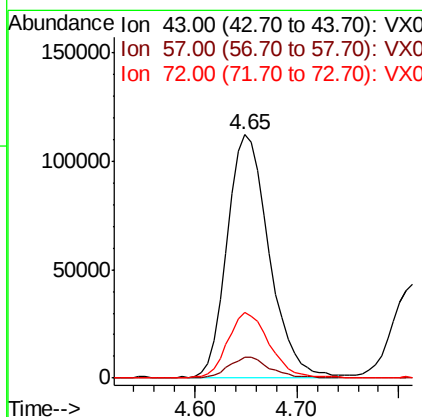
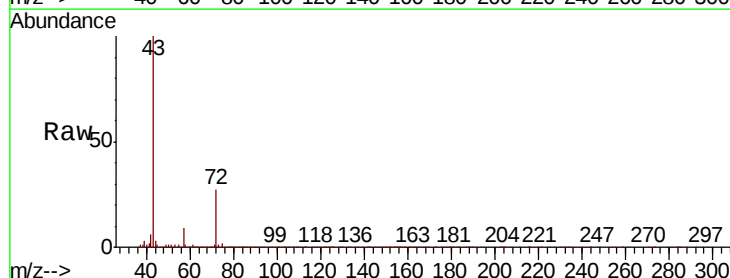
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

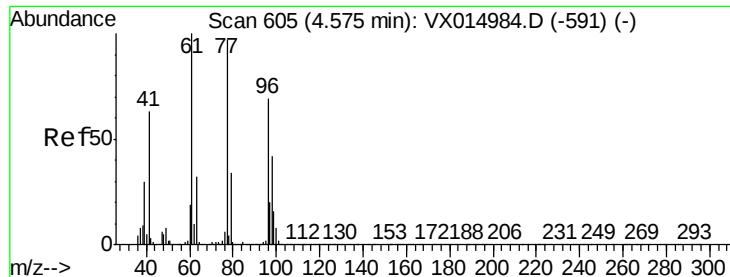
Tot Ion	Ratio	Lower	Upper
75	100		
110	37.9	0.0	75.0
77	31.6	0.0	64.0



#30
 2-Butanone
 Concen: 97.780 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.5	9.7
72	25.9	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.107 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

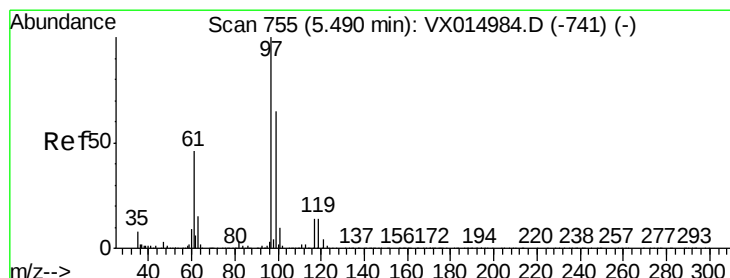
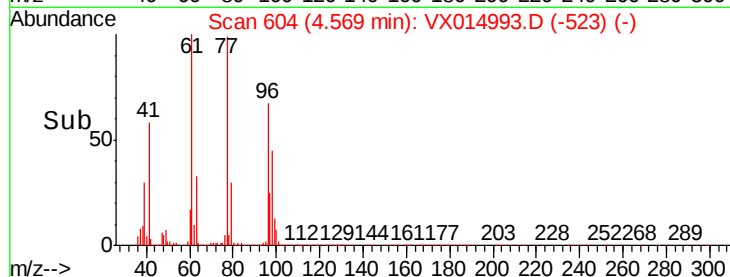
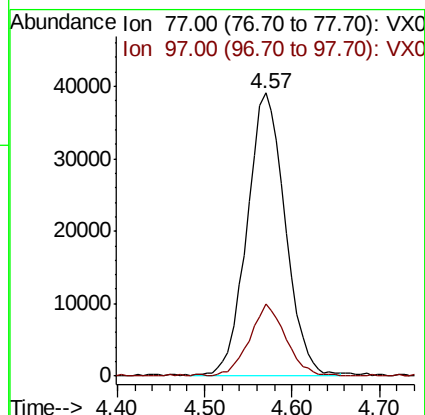
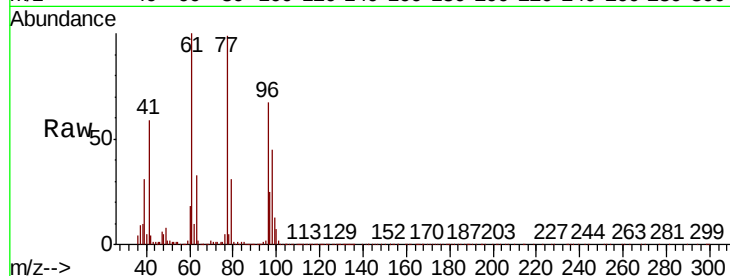
VX0221WBSD01

Tot Ion: 77 Resp: 118122

Ion Ratio Lower Upper

77 100

97 23.5 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 19.758 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

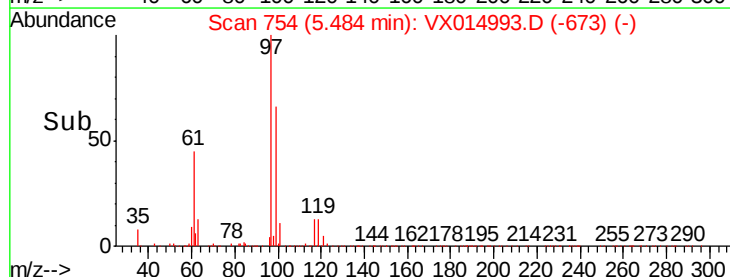
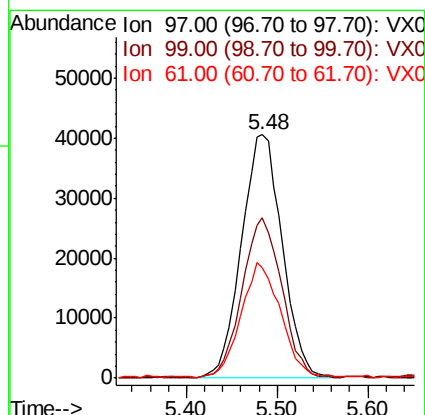
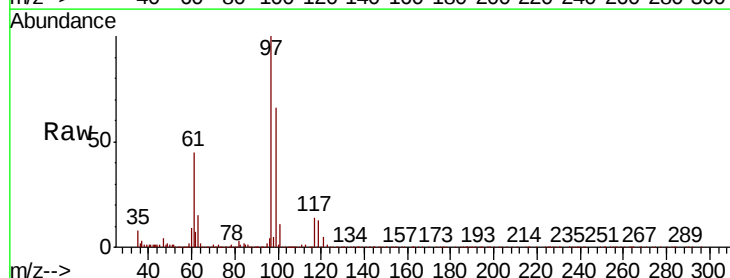
Tgt Ion: 97 Resp: 126322

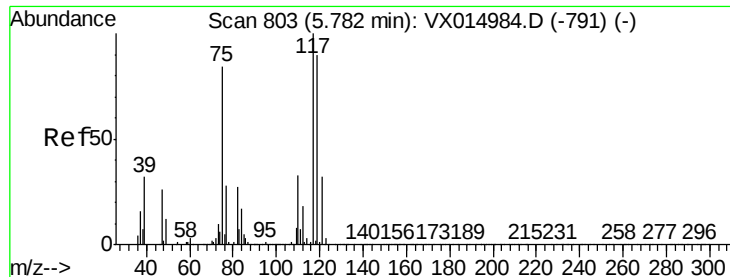
Ion Ratio Lower Upper

97 100

99 63.6 53.0 79.6

61 45.1 36.2 54.2





#33

Carbon Tetrachloride

Concen: 19.369 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

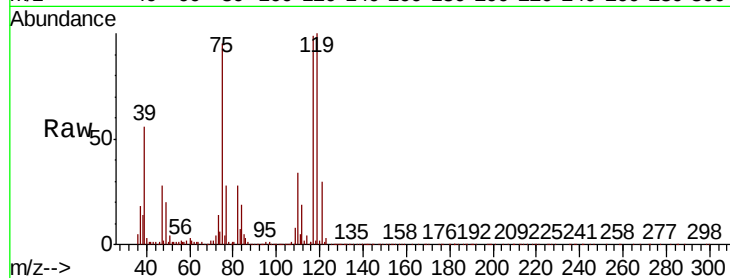
Tot Ion:117 Resp: 108402

Ion Ratio Lower Upper

117 100

119 101.1 71.9 107.9

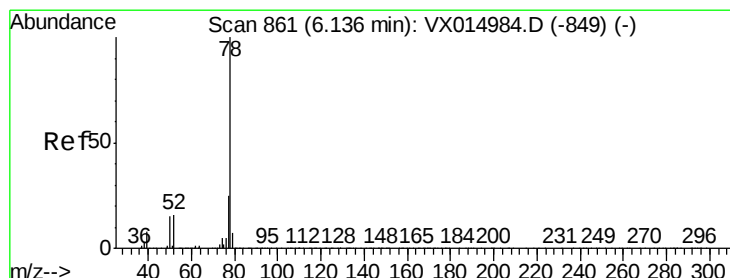
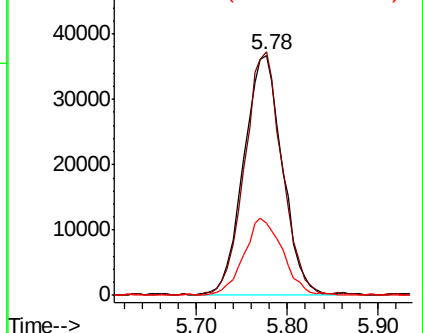
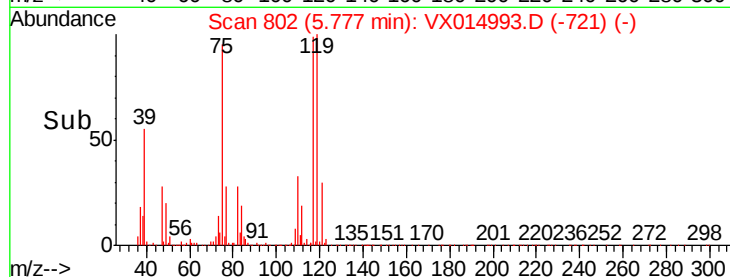
121 30.0 25.4 38.2



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: 20.064 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

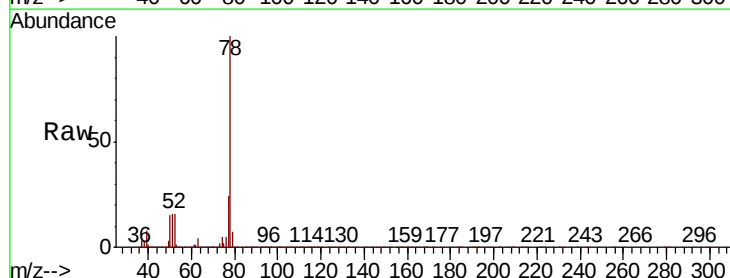
Tgt Ion: 78 Resp: 340847

Ion Ratio Lower Upper

78 100

77 24.0 20.0 30.0

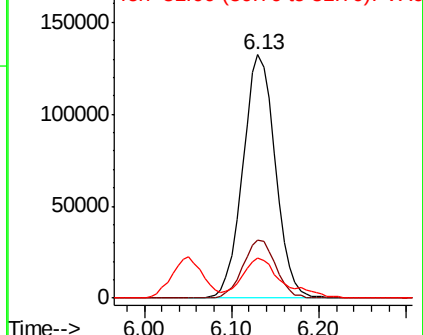
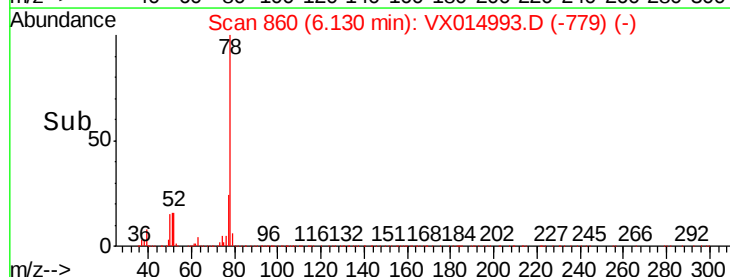
51 15.9 13.3 19.9

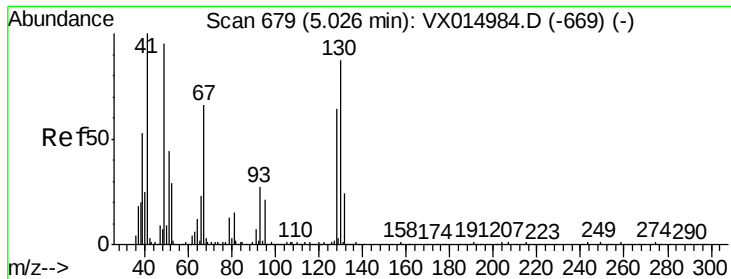


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

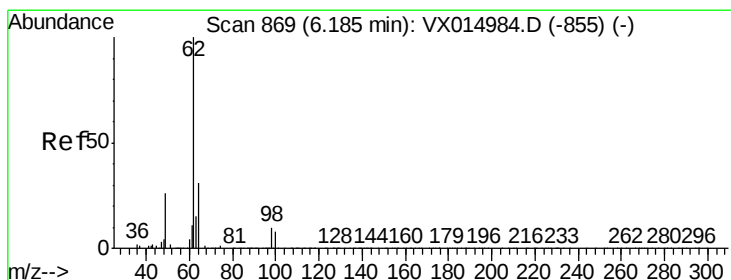
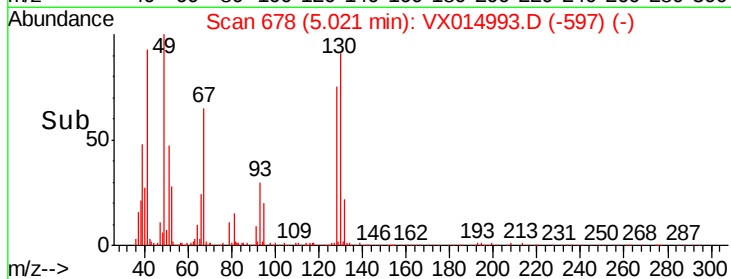
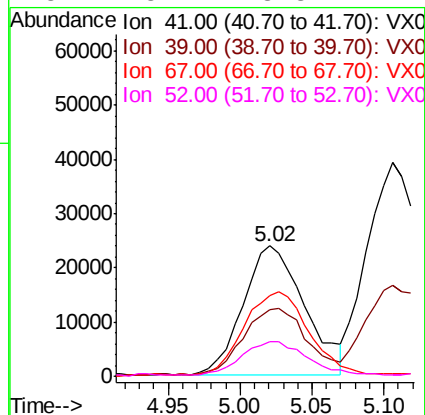
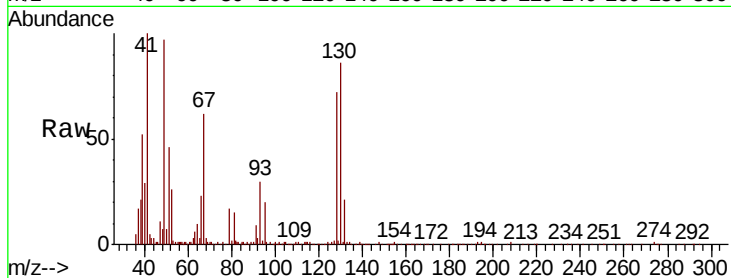




#35
Methacrylonitrile
Concen: 21.082 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

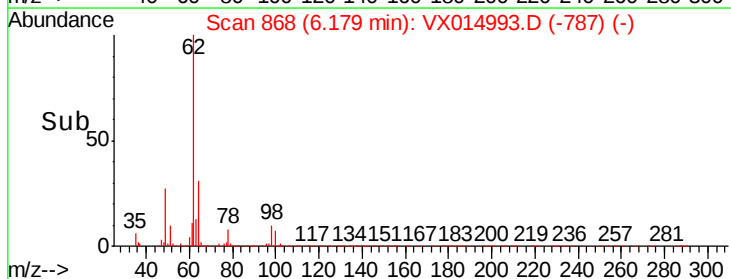
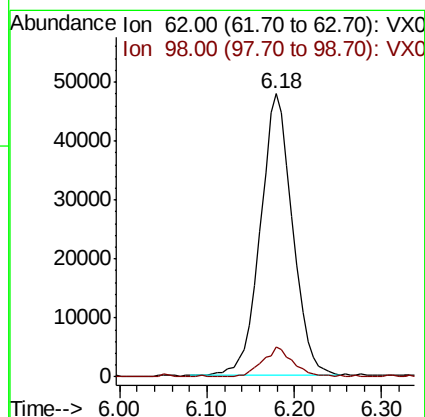
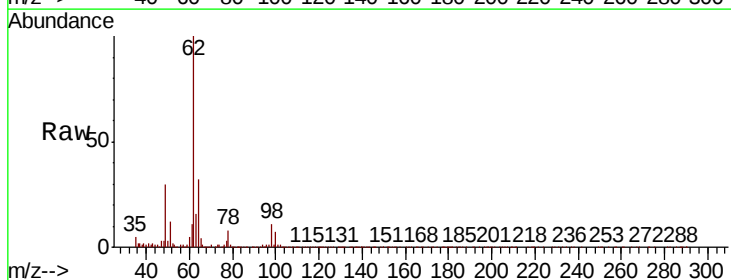
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

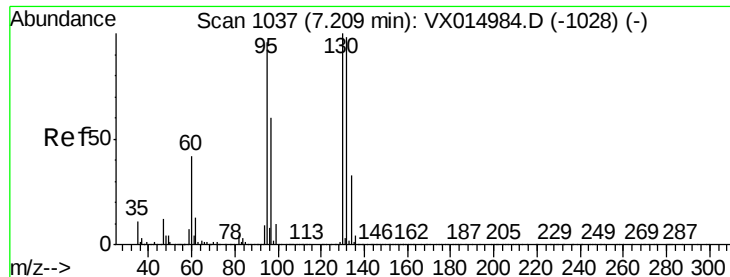
Tot Ion:	41	Resp:	69885
Ion	Ratio	Lower	Upper
41	100		
39	51.0	25.9	77.7
67	61.8	32.7	98.1
52	25.2	13.8	41.4



#36
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion:	62	Resp:	122622
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.5	11.3





#37

Trichloroethene

Concen: 20.467 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

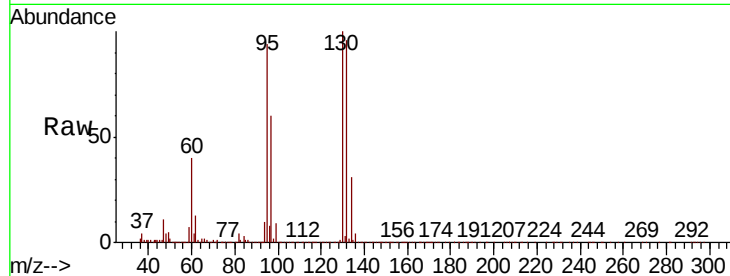
VX0221WBSD01

Tot Ion:130 Resp: 97625

Ion Ratio Lower Upper

130 100

95 93.0 77.1 115.7



Abundance Ion 129.90 (129.60 to 130.60): VX0

Ion 94.90 (94.60 to 95.60): VX0

7.20

50000

40000

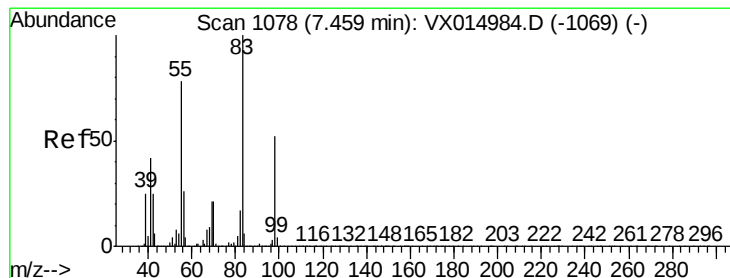
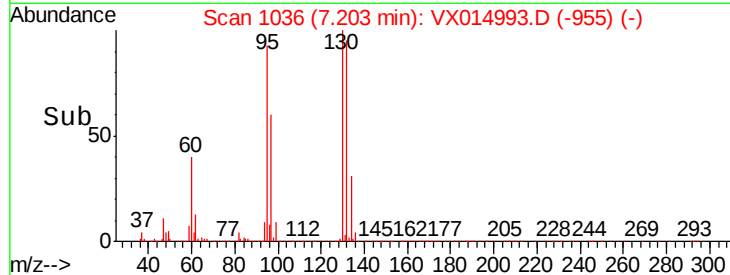
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 20.236 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

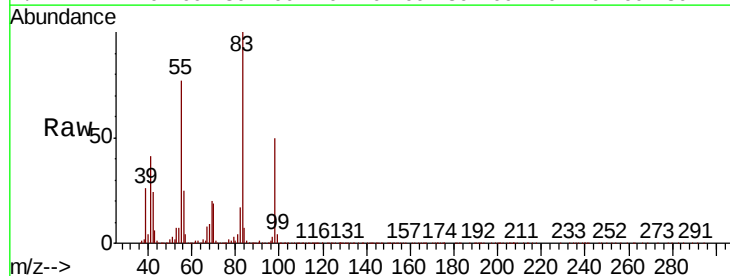
Tgt Ion: 83 Resp: 141212

Ion Ratio Lower Upper

83 100

55 75.3 38.2 114.6

98 48.7 25.3 75.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

80000

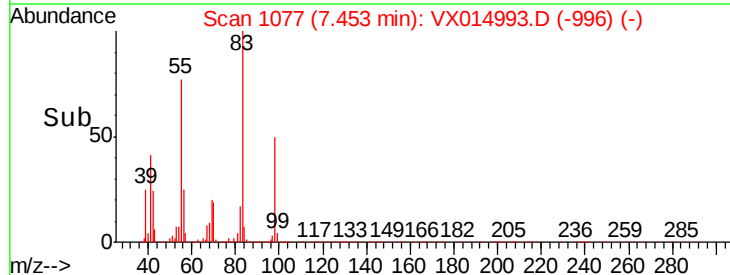
60000

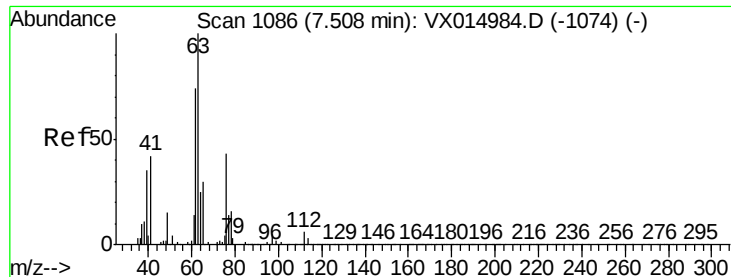
40000

20000

0

Time--> 7.40 7.50





#39

1,2-Dichloropropane

Concen: 19.747 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

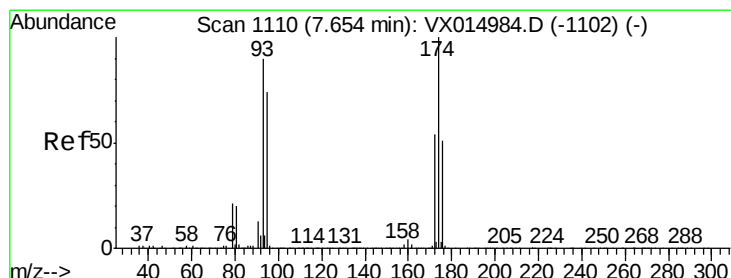
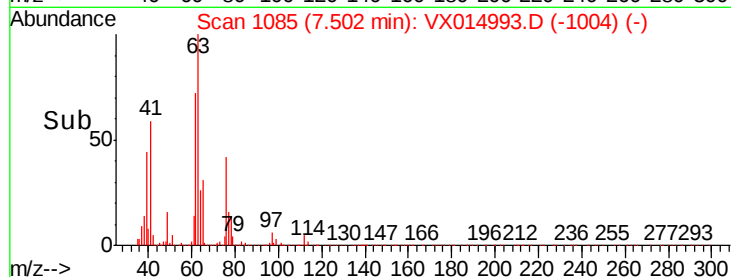
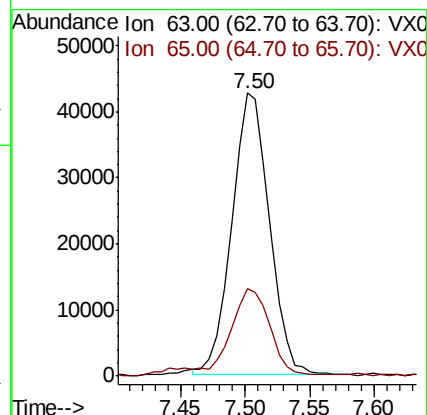
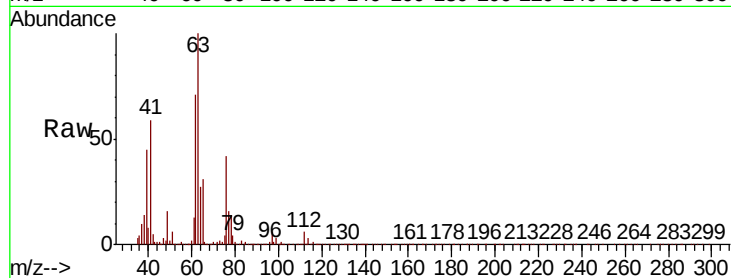
VX0221WBSD01

Tot Ion: 63 Resp: 86348

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#40

Dibromomethane

Concen: 20.474 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

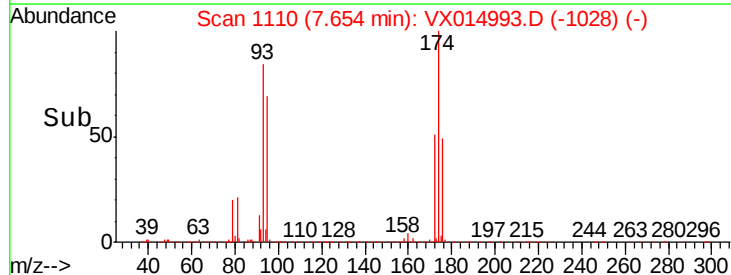
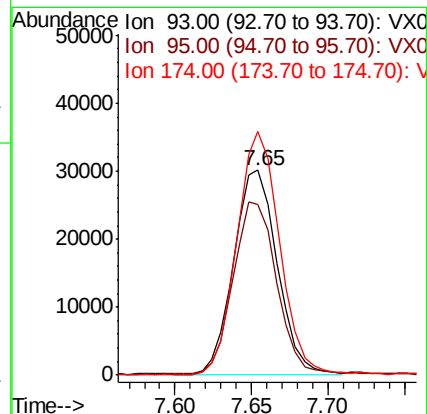
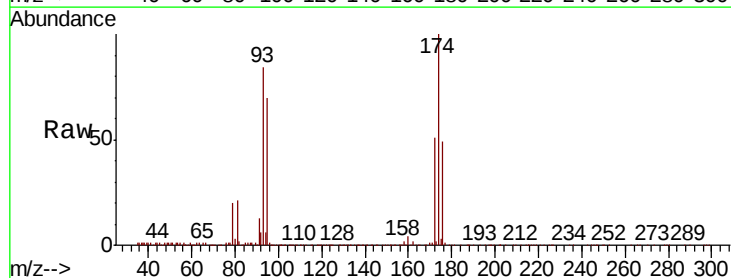
Tgt Ion: 93 Resp: 59783

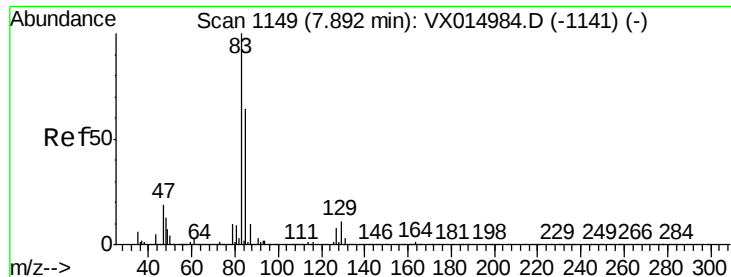
Ion Ratio Lower Upper

93 100

95 83.7 0.0 164.6

174 116.6 0.0 226.4





#41

Bromodichloromethane

Concen: 20.330 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

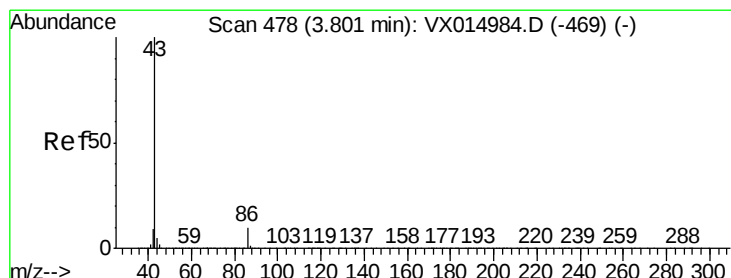
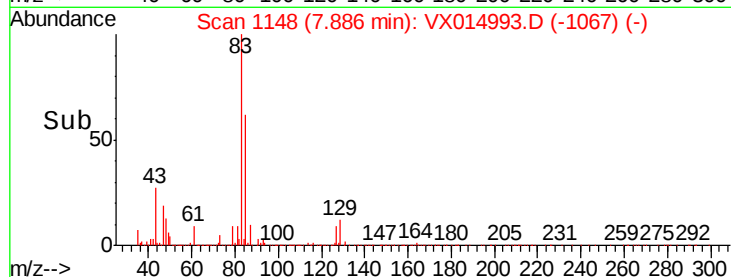
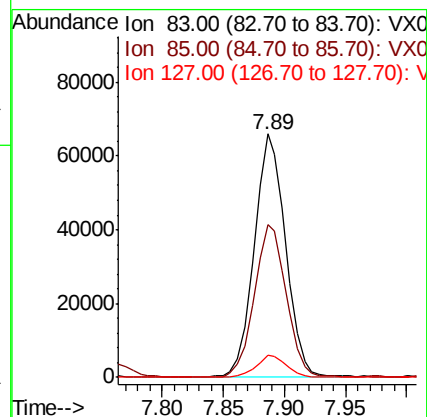
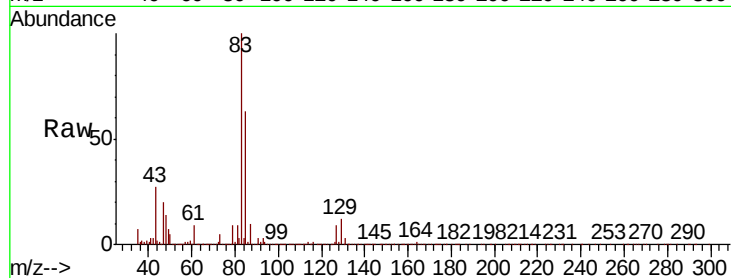
Tot Ion: 83 Resp: 117264

Ion Ratio Lower Upper

83 100

85 62.4 51.0 76.4

127 9.0 6.6 10.0



#42

Vinyl Acetate

Concen: 103.557 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014993.D

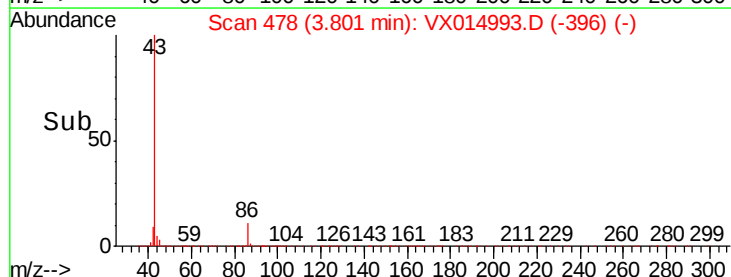
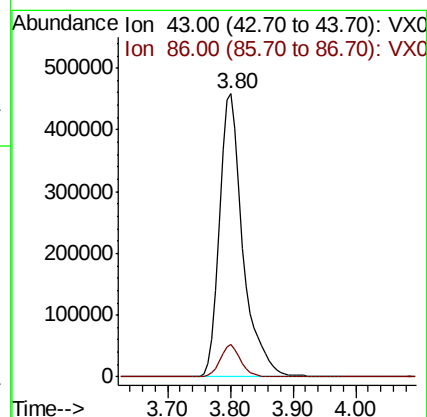
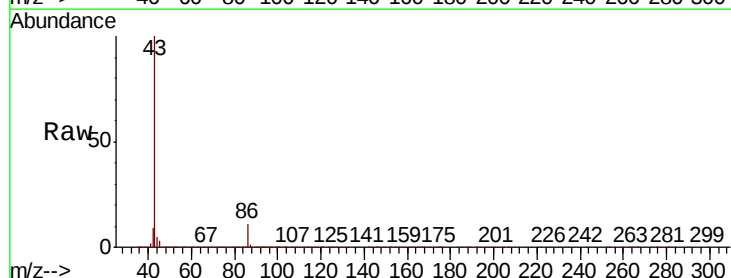
Acq: 21 Feb 2020 14:12

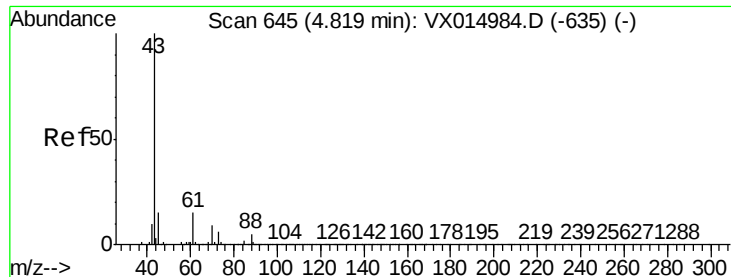
Tgt Ion: 43 Resp: 1184490

Ion Ratio Lower Upper

43 100

86 9.7 7.6 11.4

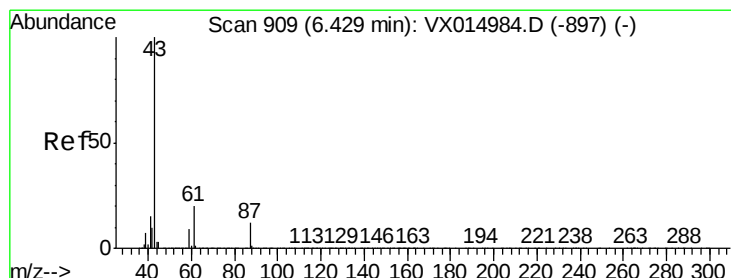
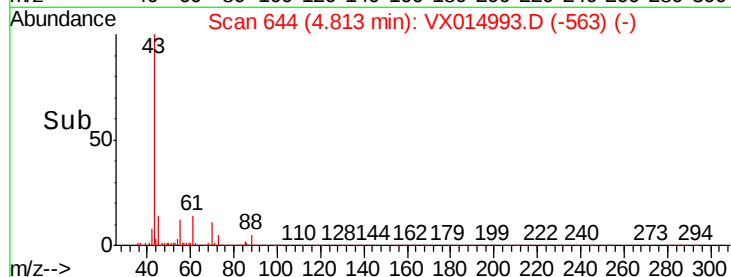
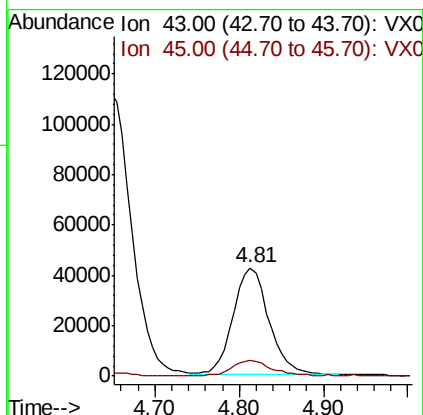
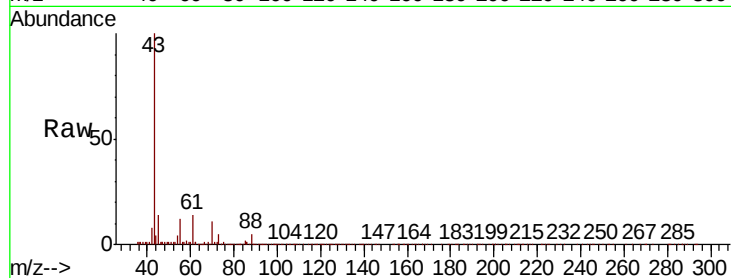




#43
Ethyl Acetate
Concen: 20.931 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

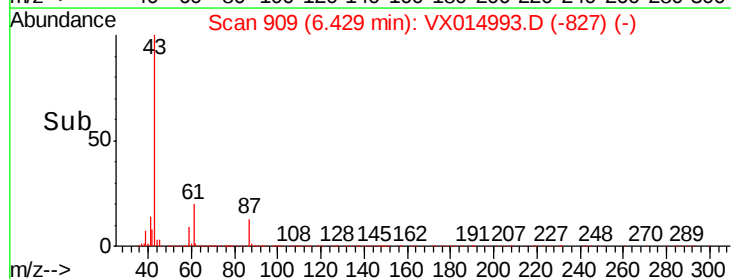
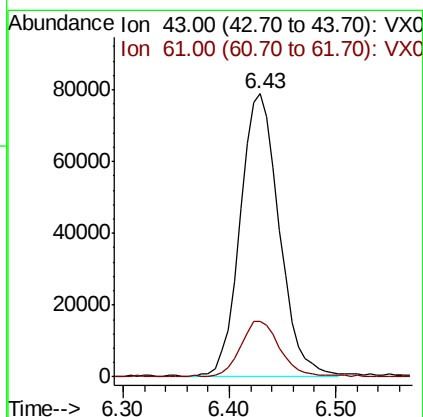
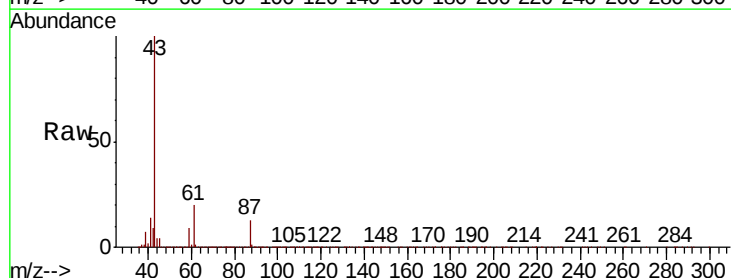
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

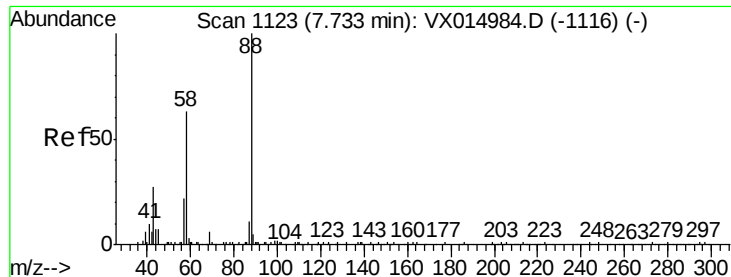
Tot Ion: 43 Resp: 123069
Ion Ratio Lower Upper
43 100
45 15.3 10.8 16.2



#44
Isopropyl Acetate
Concen: 20.363 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 43 Resp: 201275
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4

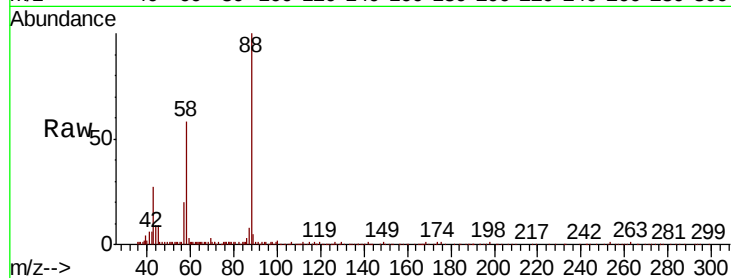




#45
 1,4-Dioxane
 Concen: 451.260 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	25.4	38.2
58	66.0	55.8	83.8

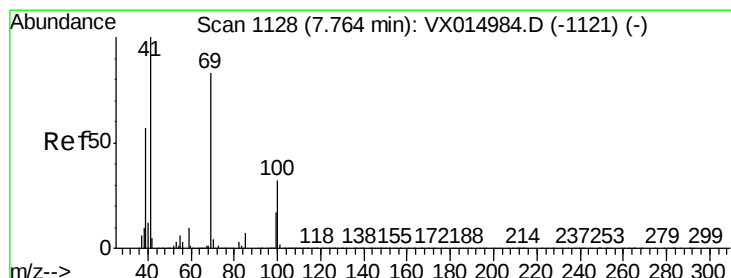
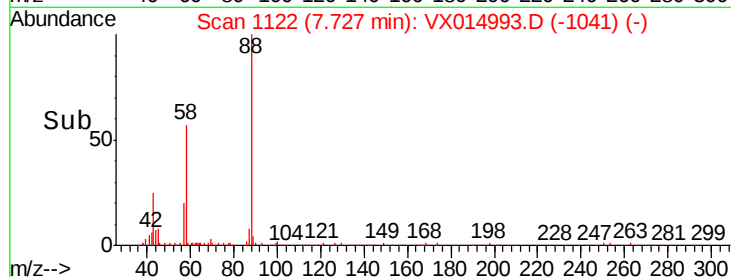
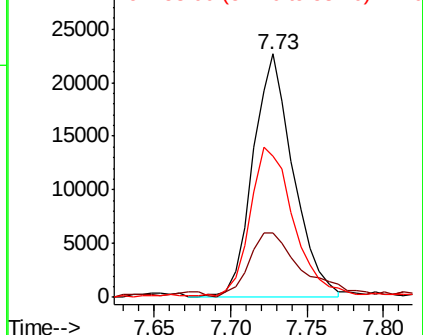


Abundance

Ion 88.00 (87.70 to 88.70): VX0

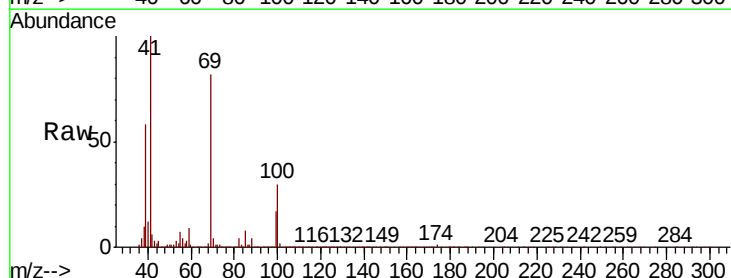
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46
 Methyl methacrylate
 Concen: 20.467 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.1	41.4	124.2
39	57.4	28.3	84.9

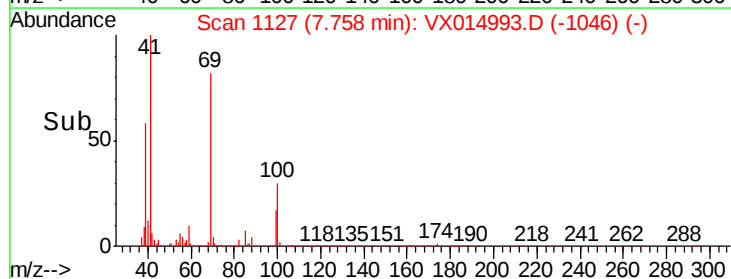
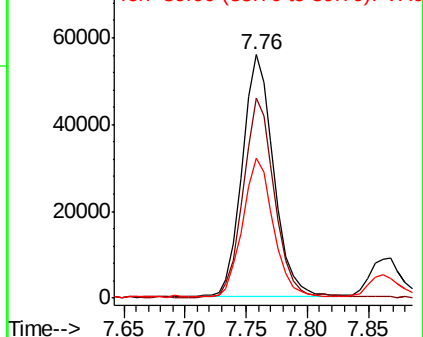


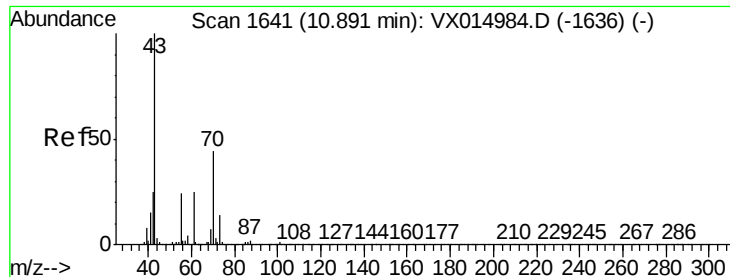
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

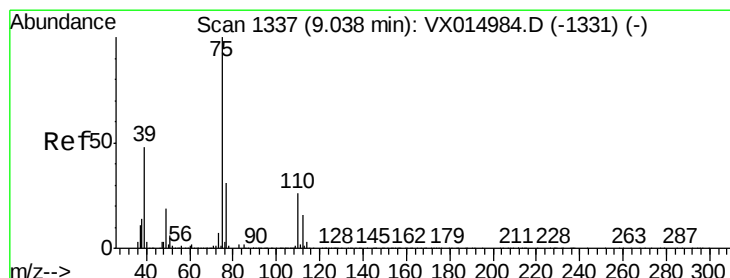
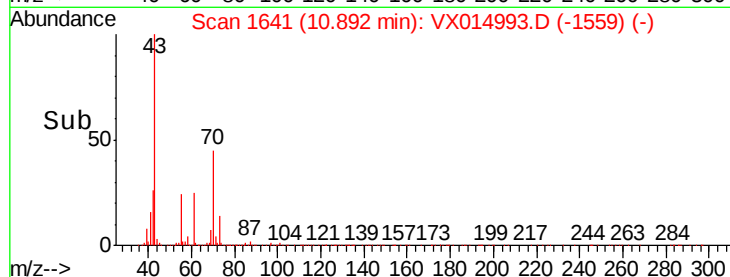
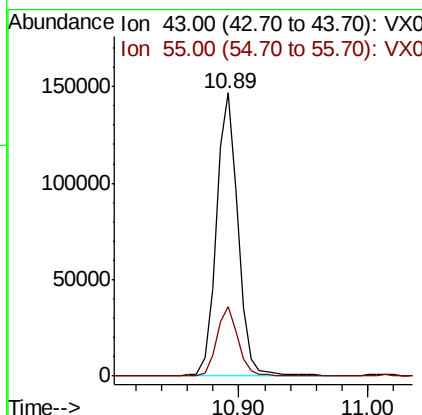
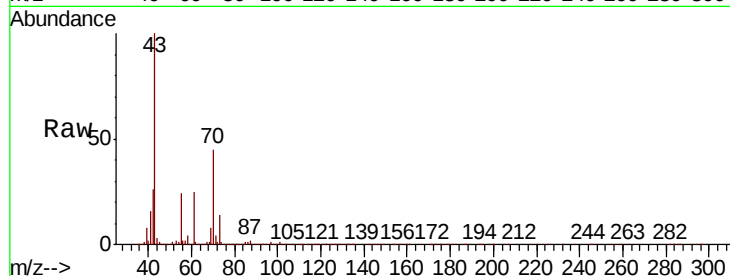




#47
n-amvl Acetate
Concen: 20.168 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

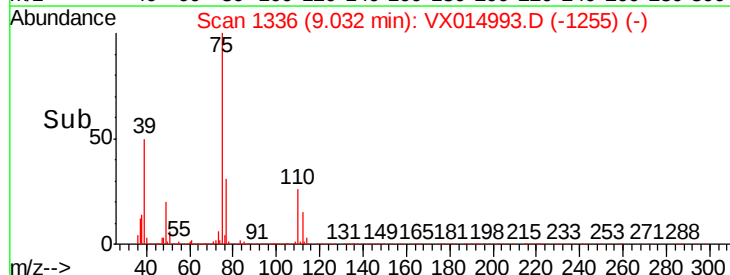
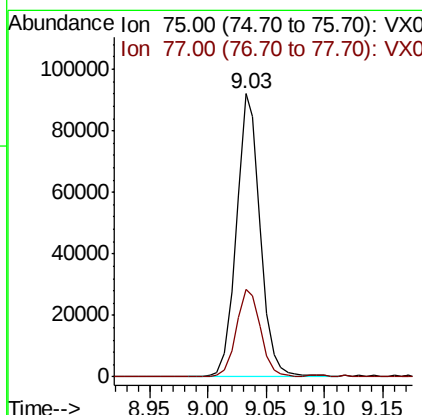
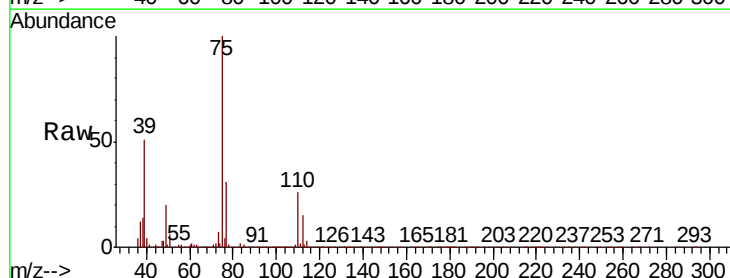
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

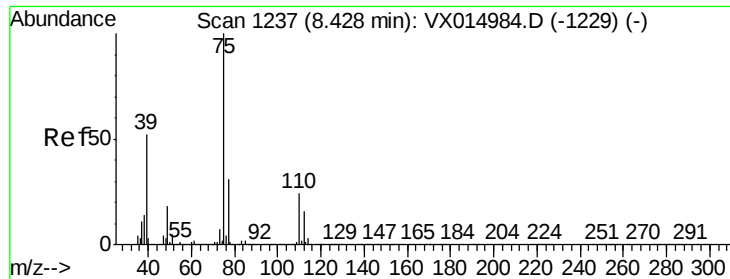
Tot Ion: 43 Resp: 172700
Ion Ratio Lower Upper
43 100
55 23.8 19.2 28.8



#48
t-1,3-Dichloropropene
Concen: 20.290 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 75 Resp: 129844
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8



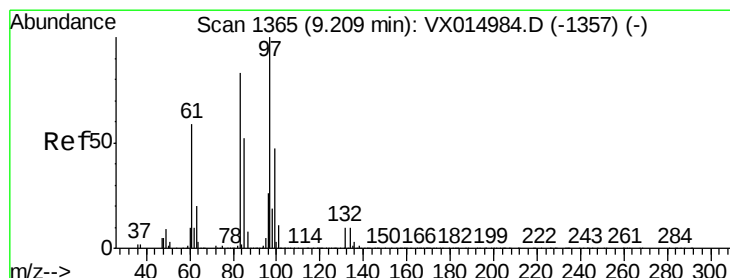
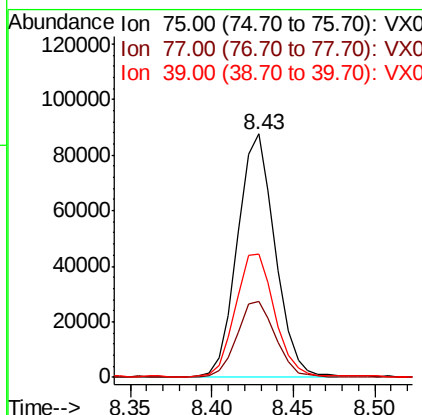
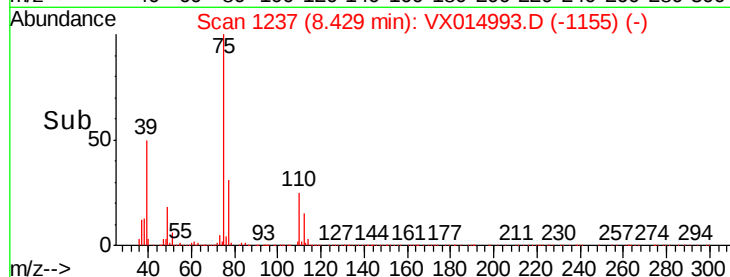
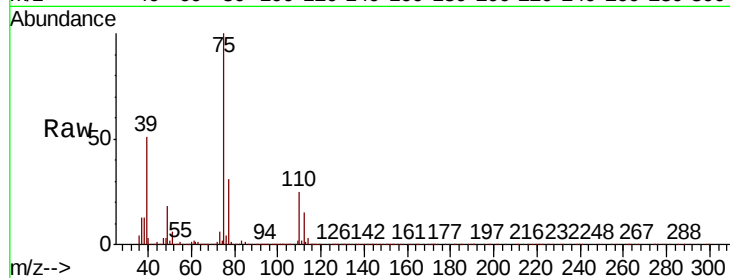


#49

cis-1,3-Dichloropropene
 Concen: 19.953 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

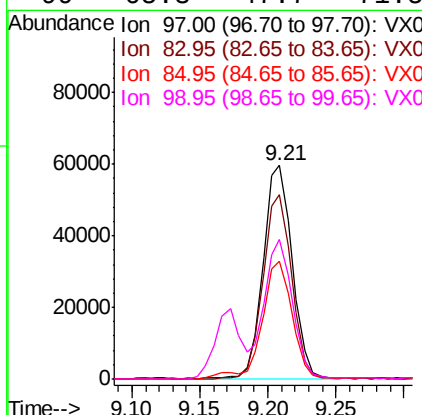
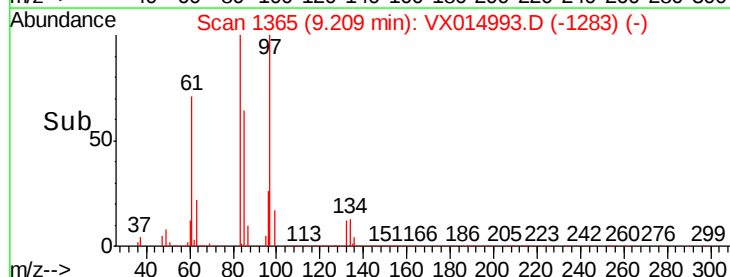
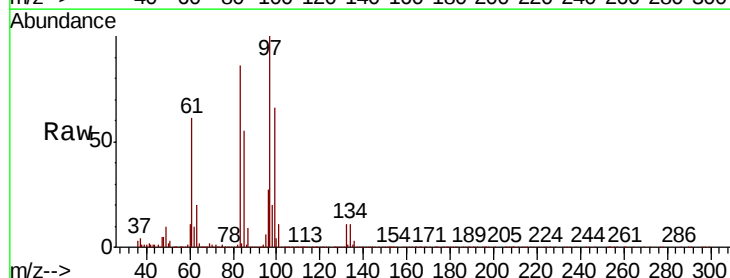
Tot Ion:	75	Resp:	140573
Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	50.5	41.5	62.3

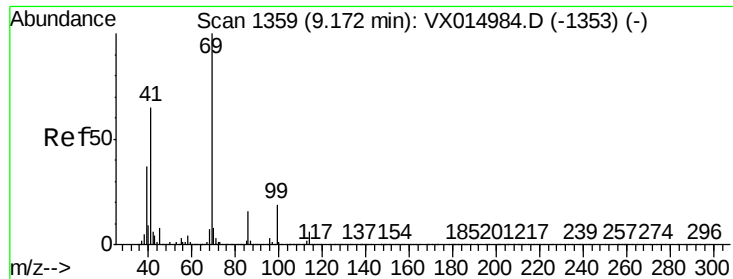


#50

1,1,2-Trichloroethane
 Concen: 20.683 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion:	97	Resp:	89975
Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.2	99.2
85	54.8	42.4	63.6
99	65.3	47.7	71.5

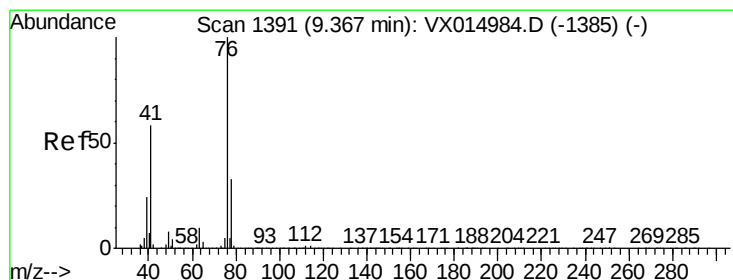
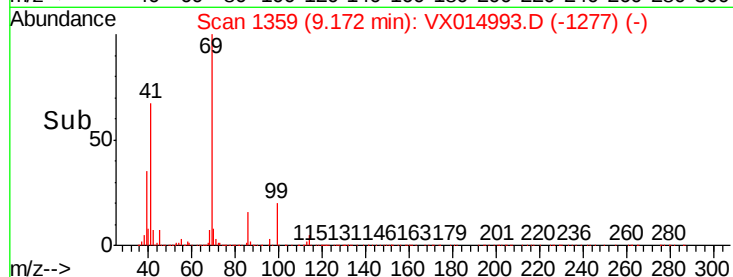
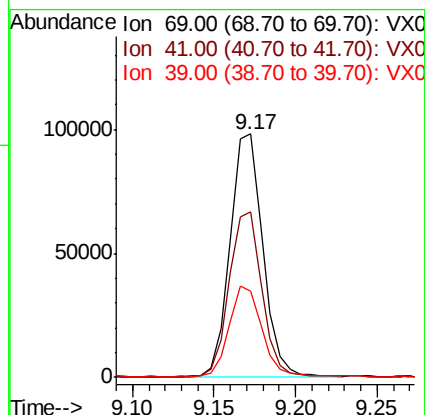
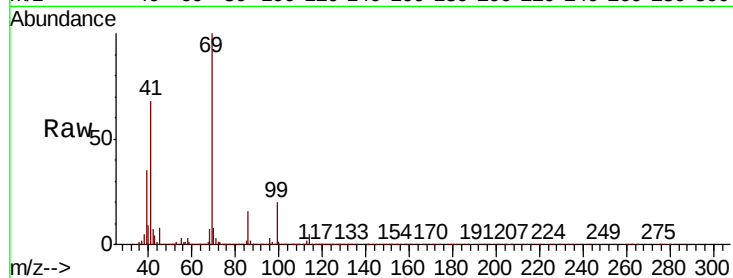




#51
Ethyl methacrylate
Concen: 20.426 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

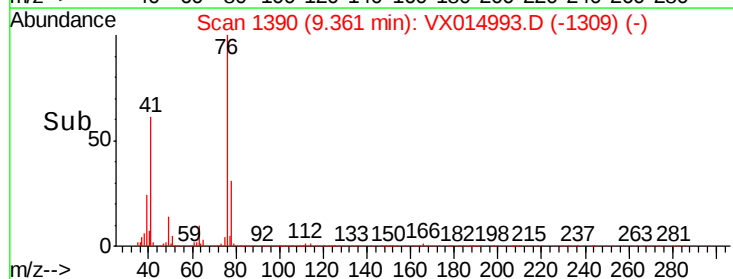
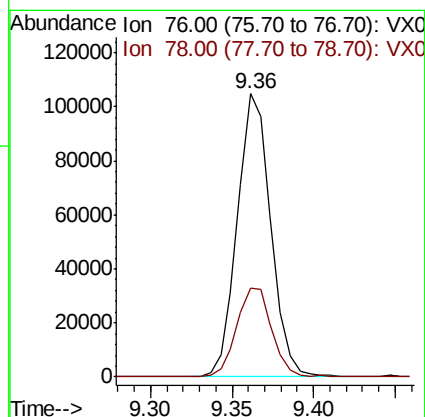
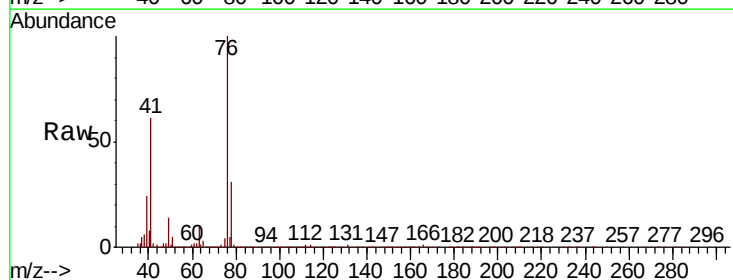
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

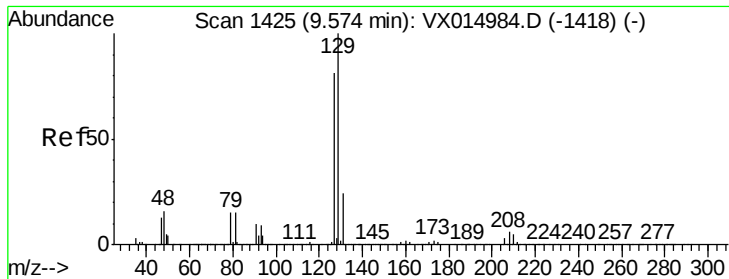
Tot Ion: 69 Resp: 137144
Ion Ratio Lower Upper
69 100
41 67.4 32.7 98.1
39 35.0 18.2 54.6



#52
1,3-Dichloropropane
Concen: 20.331 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 76 Resp: 149616
Ion Ratio Lower Upper
76 100
78 32.9 0.0 65.0





#53

Dibromochloromethane

Concen: 20.699 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

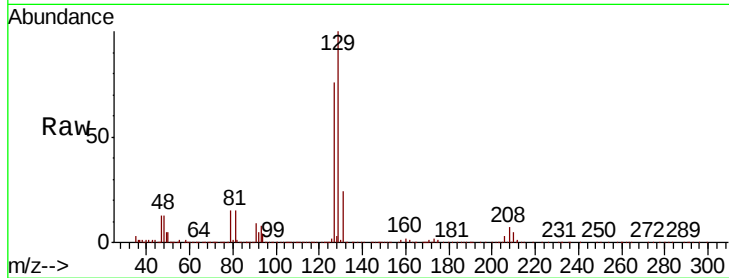
VX0221WBSD01

Tot Ion:129 Resp: 97352

Ion Ratio Lower Upper

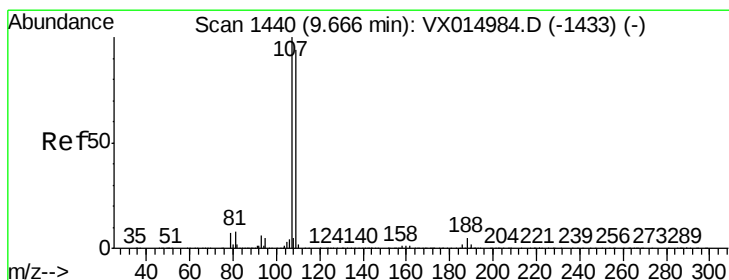
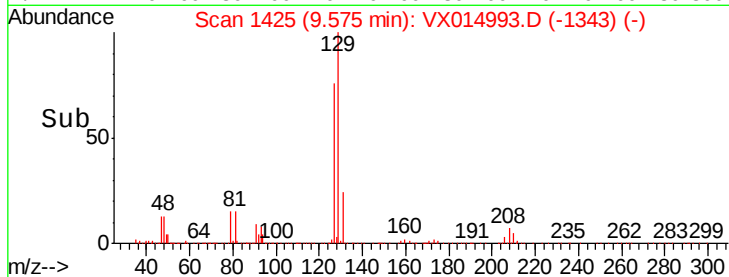
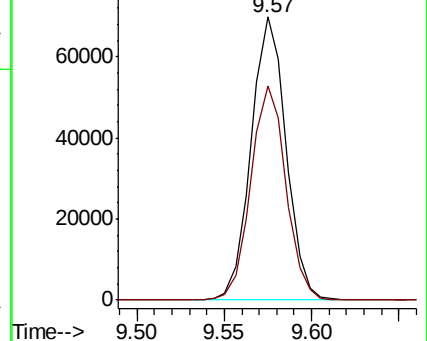
129 100

127 75.3 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.040 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014993.D

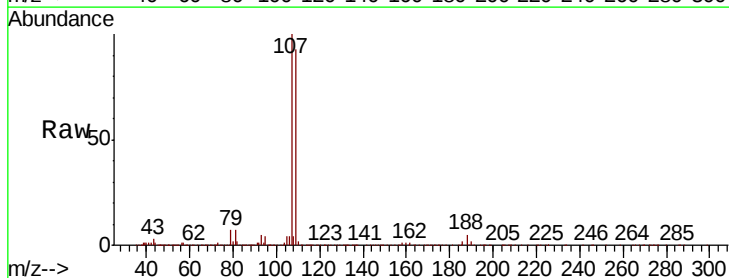
Acq: 21 Feb 2020 14:12

Tgt Ion:107 Resp: 97178

Ion Ratio Lower Upper

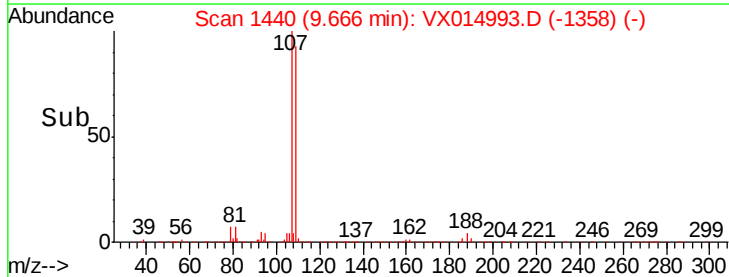
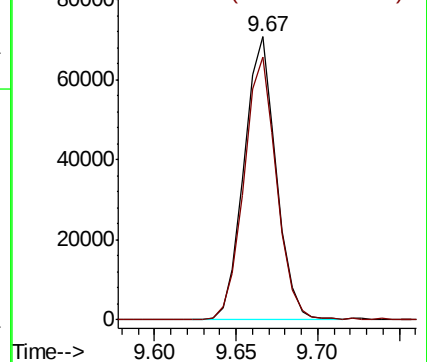
107 100

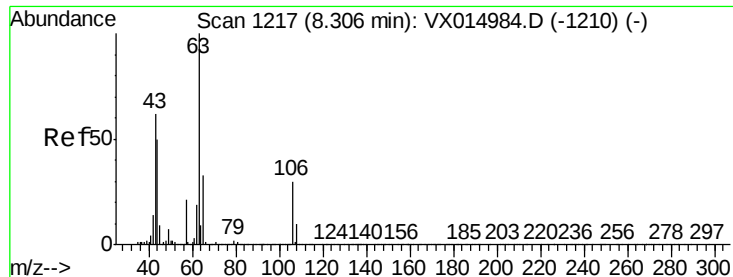
109 93.8 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

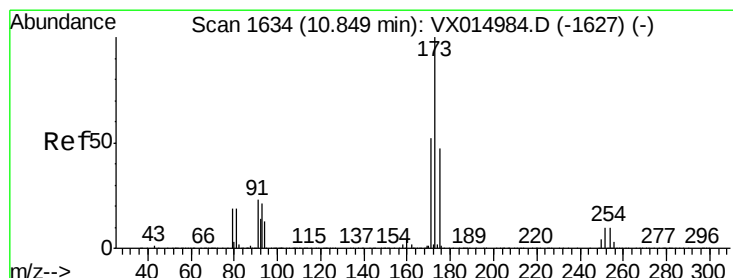
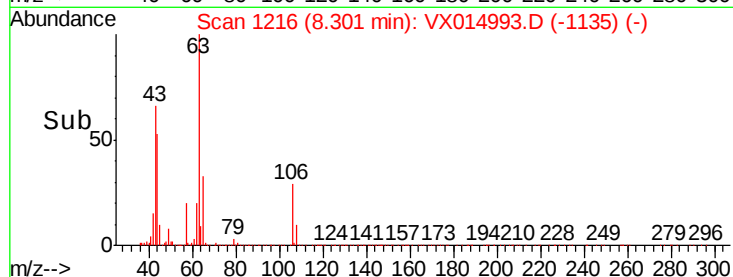
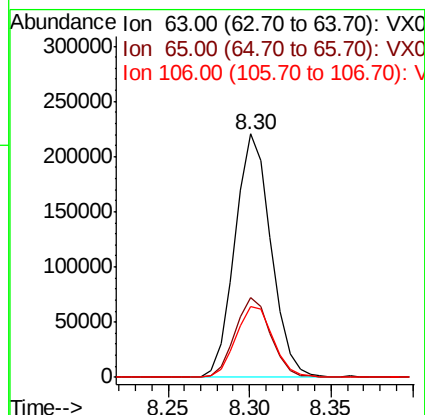
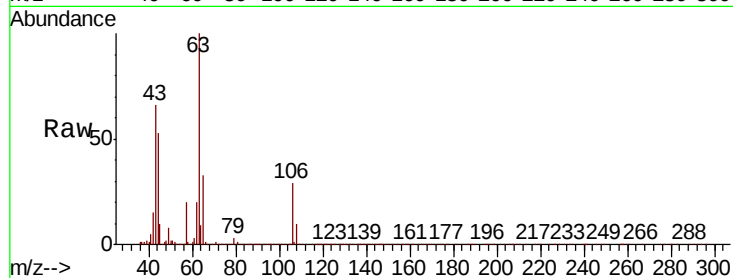




#55
2-Chloroethyl vinyl ether
Concen: 94.714 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

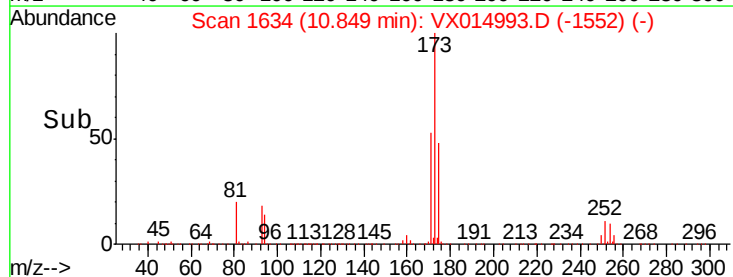
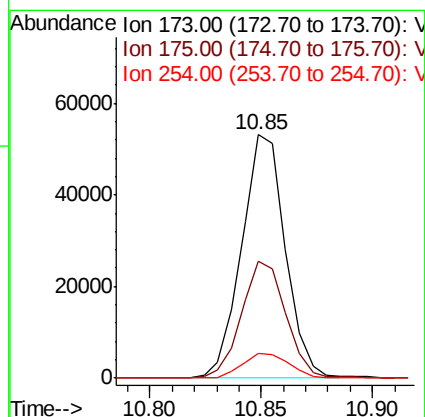
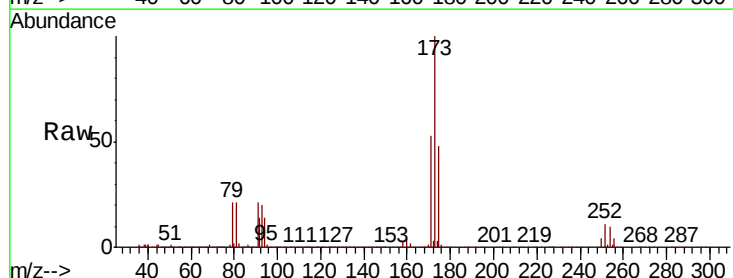
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

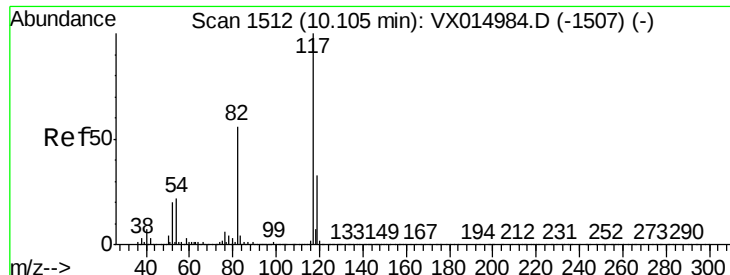
Tot Ion: 63 Resp: 338750
Ion Ratio Lower Upper
63 100
65 32.6 26.0 39.0
106 29.9 23.9 35.9



#56
Bromoform
Concen: 19.740 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 173 Resp: 72781
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 10.8 8.6 13.0

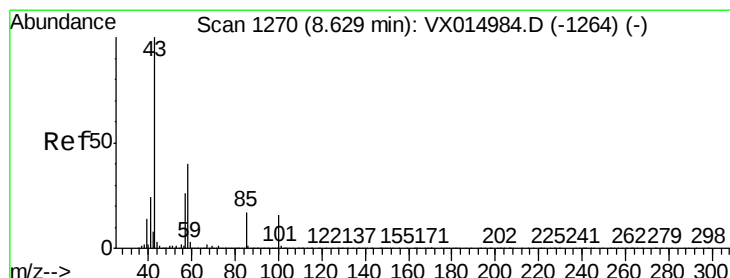
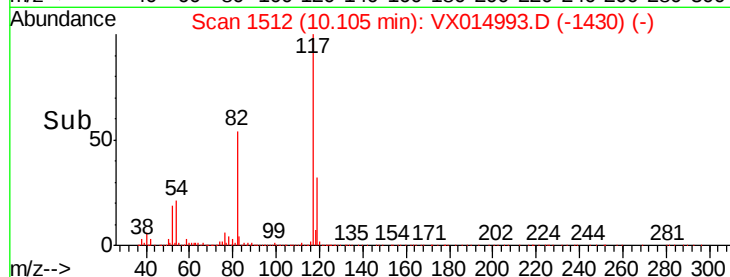
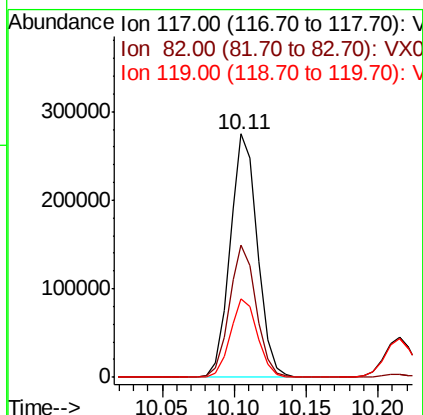
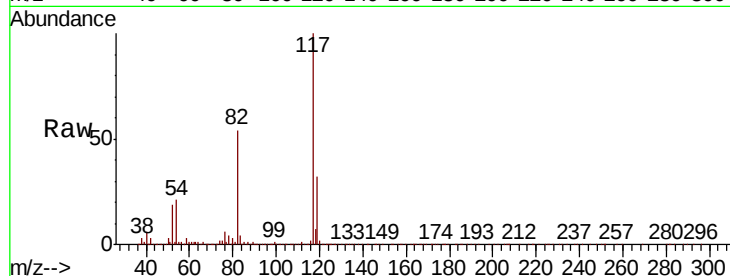




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

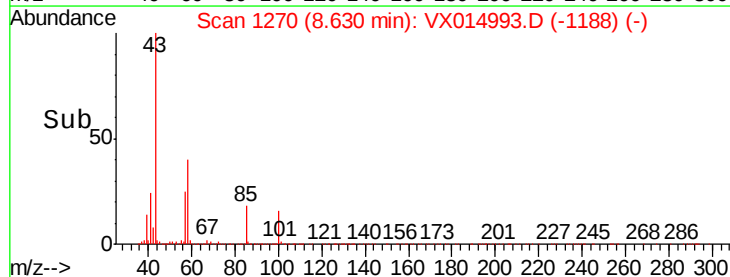
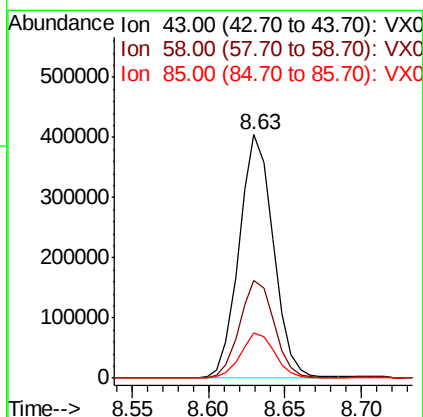
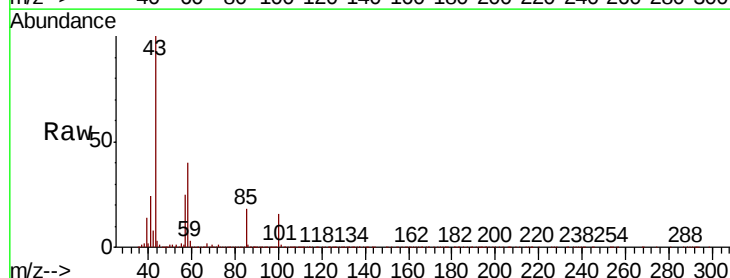
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

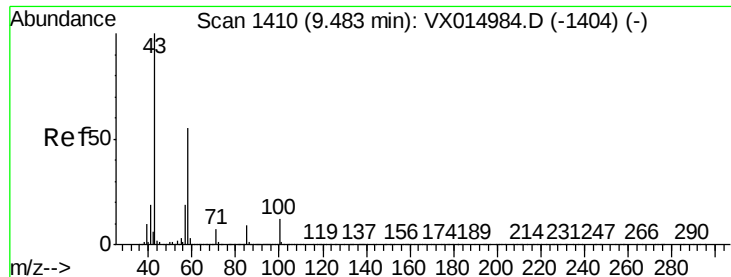
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.2
119	32.3	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 104.830 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.5	31.7	47.5
85	18.5	14.4	21.6

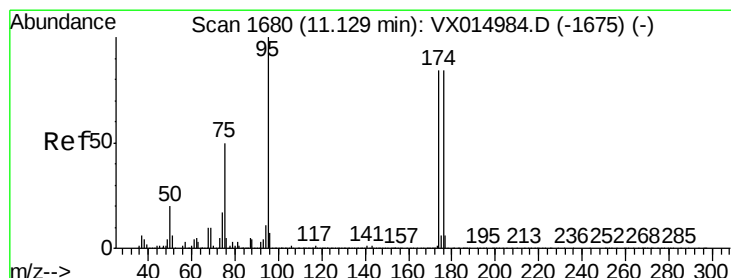
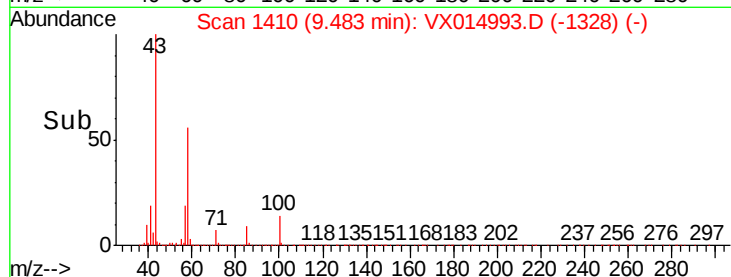
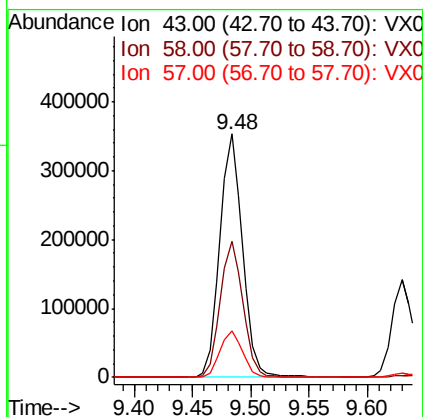
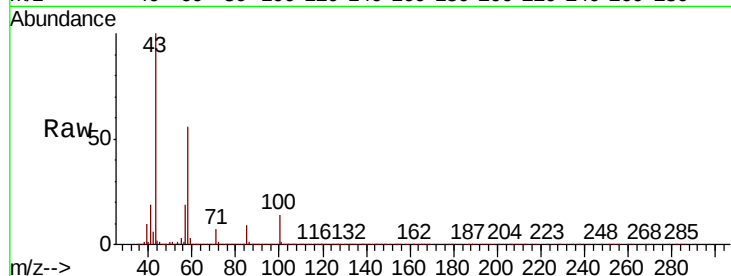




#59
2-Hexanone
Concen: 101.257 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

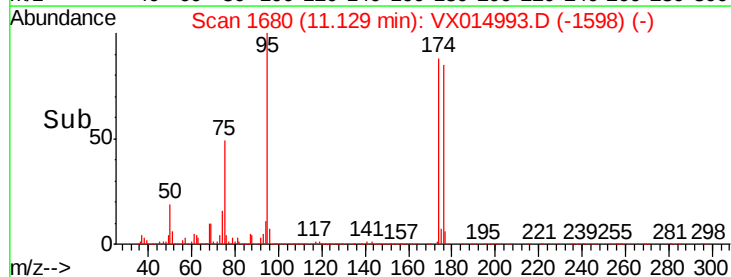
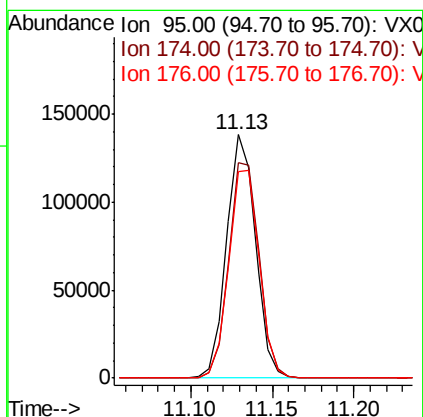
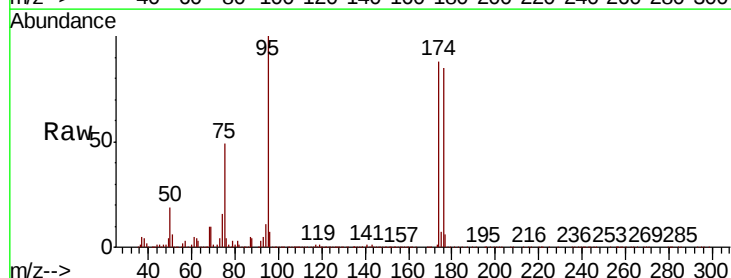
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

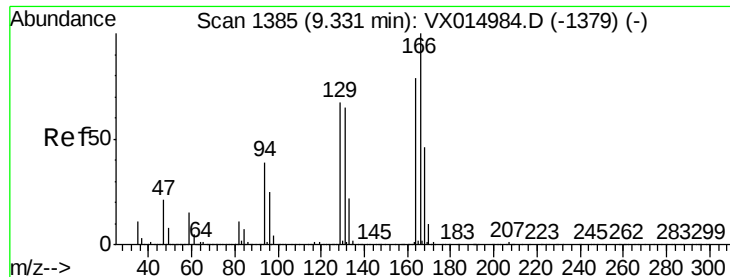
Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	44.1	66.1
57	18.9	15.3	22.9



#60
4-Bromofluorobenzene
Concen: 29.939 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	72.3	108.5
176	90.0	72.0	108.0





#61

Tetrachloroethene

Concen: 20.184 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion:164 Resp: 99140

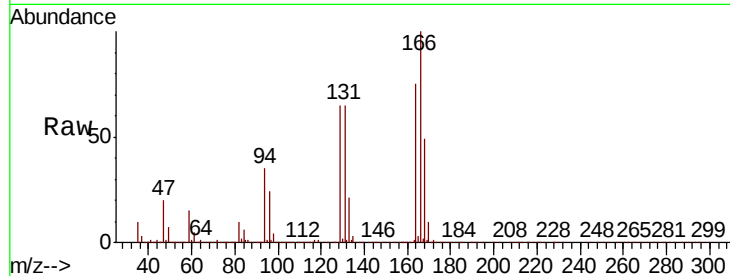
Ion Ratio Lower Upper

164 100

166 132.8 101.2 151.8

129 86.5 67.6 101.4

131 86.5 66.0 99.0

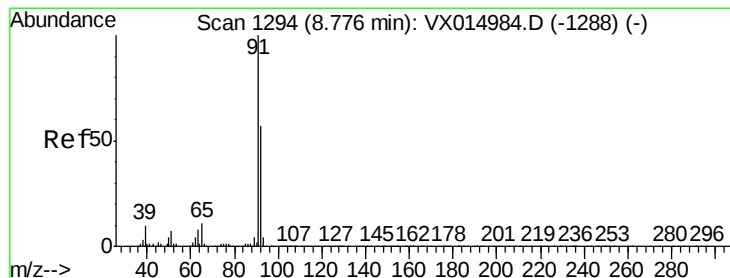
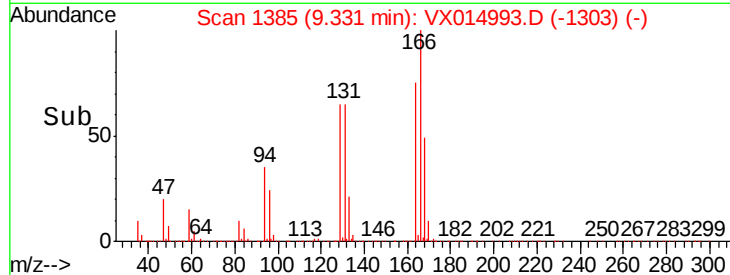
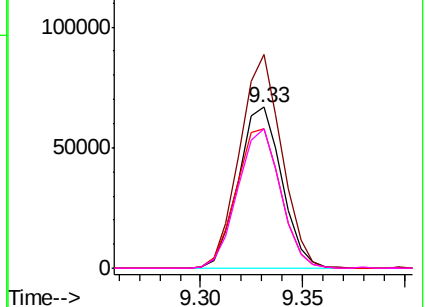


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.024 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014993.D

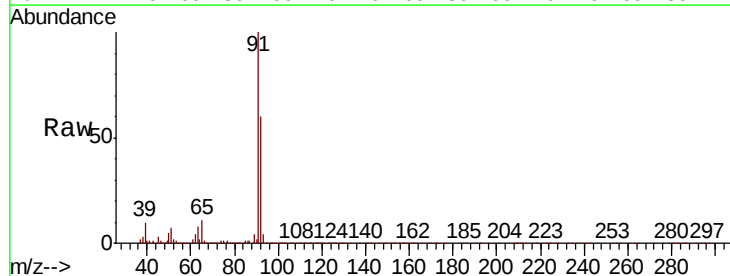
Acq: 21 Feb 2020 14:12

Tgt Ion: 91 Resp: 375079

Ion Ratio Lower Upper

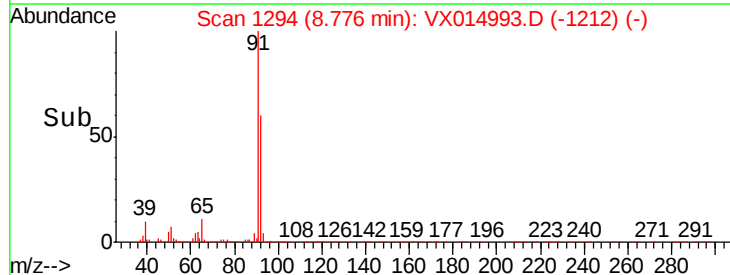
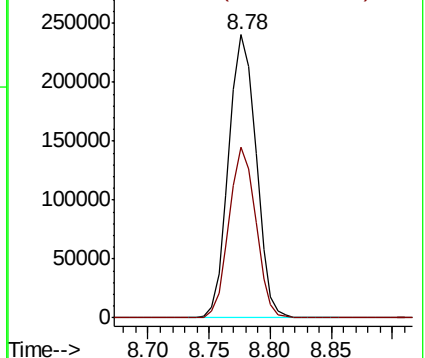
91 100

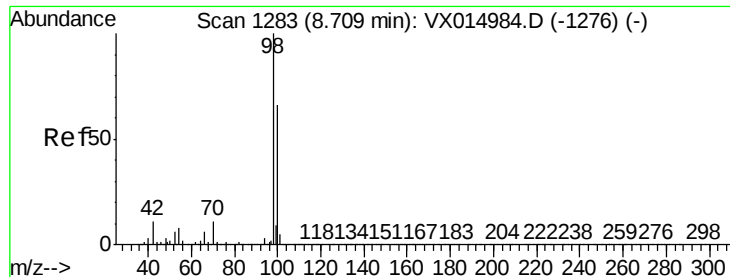
92 58.7 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.846 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

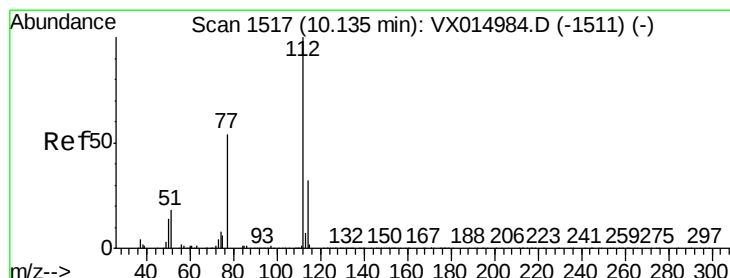
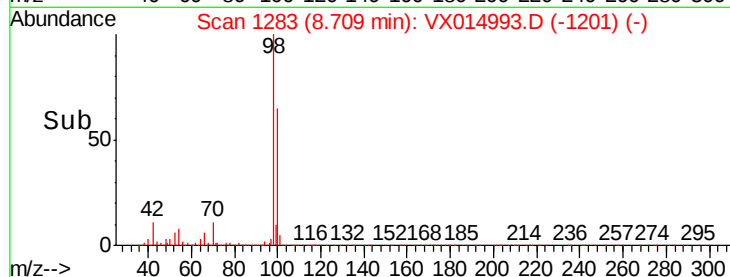
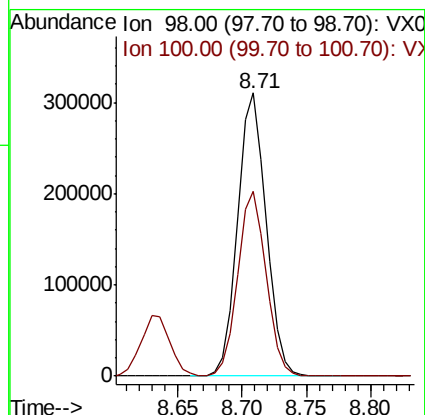
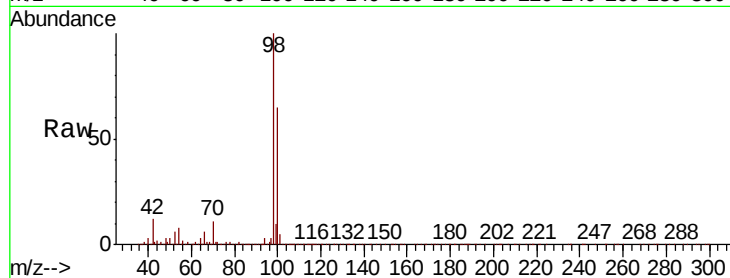
VX0221WBSD01

Tot Ion: 98 Resp: 475965

Ion Ratio Lower Upper

98 100

100 64.8 52.8 79.2



#64

Chlorobenzene

Concen: 20.109 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014993.D

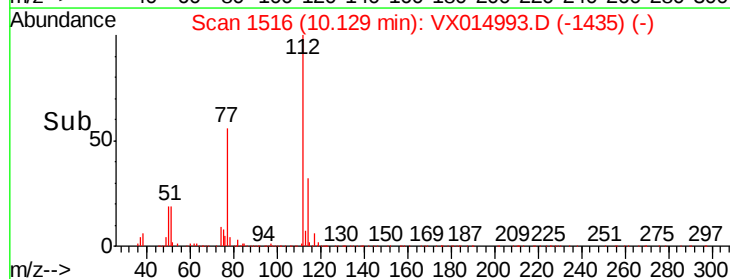
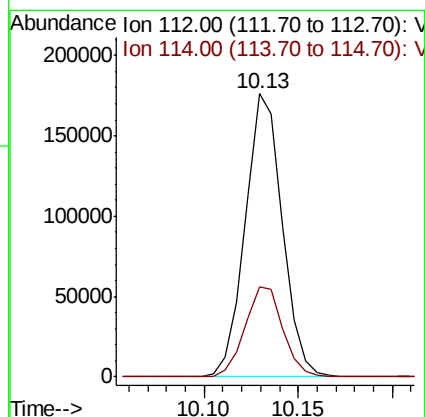
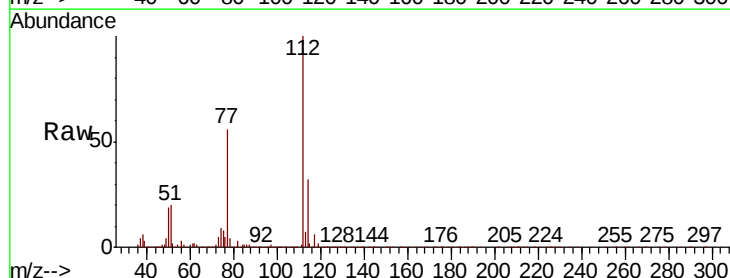
Acq: 21 Feb 2020 14:12

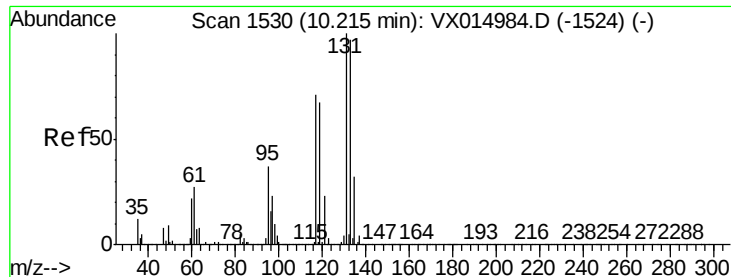
Tgt Ion: 112 Resp: 240422

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6

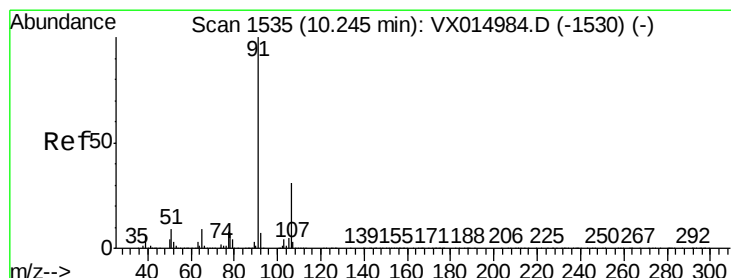
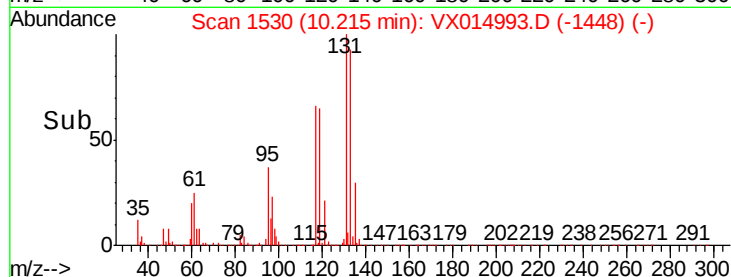
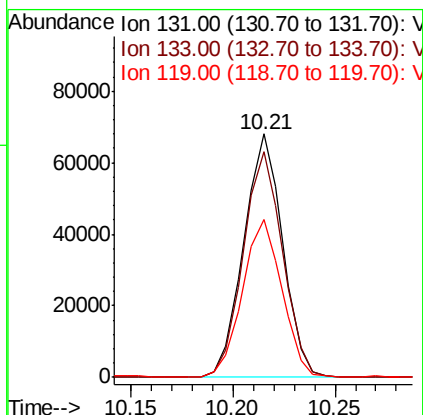
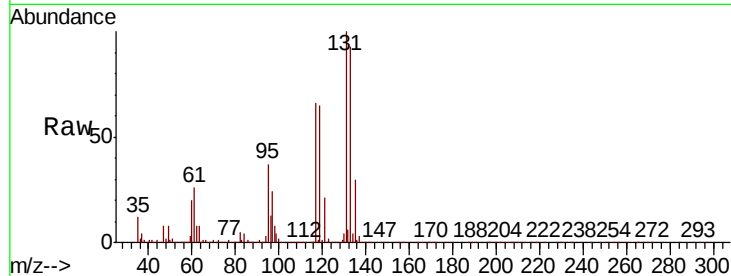




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.430 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

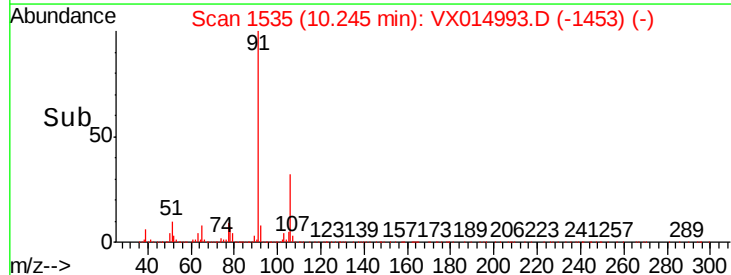
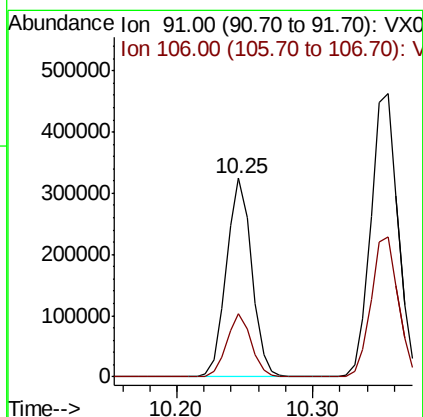
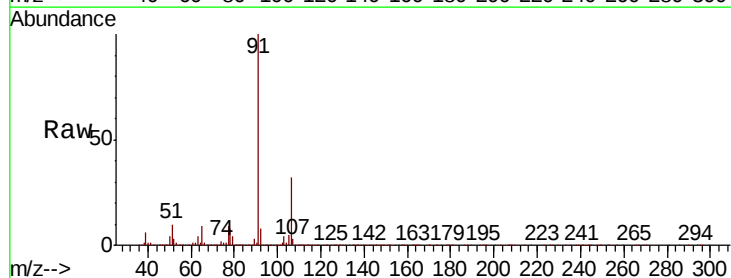
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

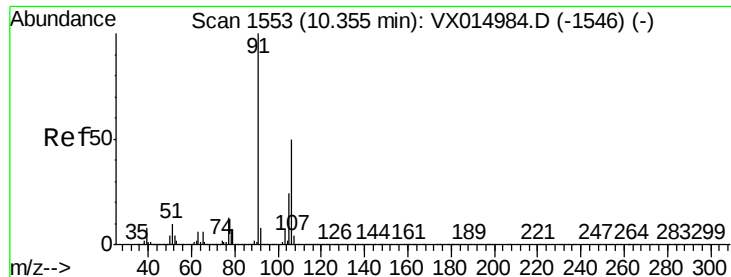
Tot Ion:131 Resp: 90474
 Ion Ratio Lower Upper
 131 100
 133 93.6 0.0 191.4
 119 65.6 0.0 132.0



#66
 Ethyl Benzene
 Concen: 20.304 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion: 91 Resp: 418943
 Ion Ratio Lower Upper
 91 100
 106 31.7 24.7 37.1

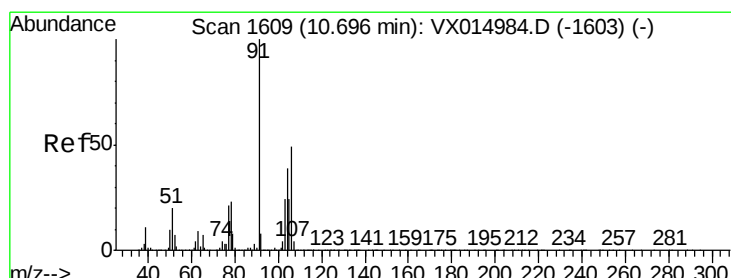
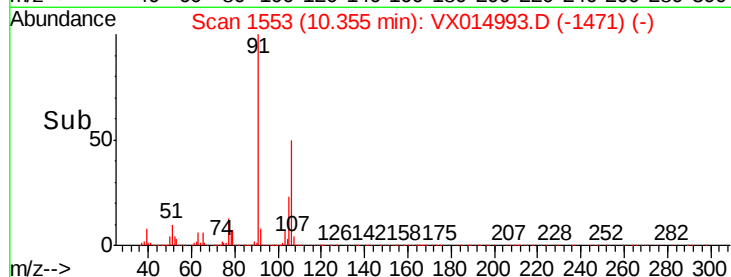
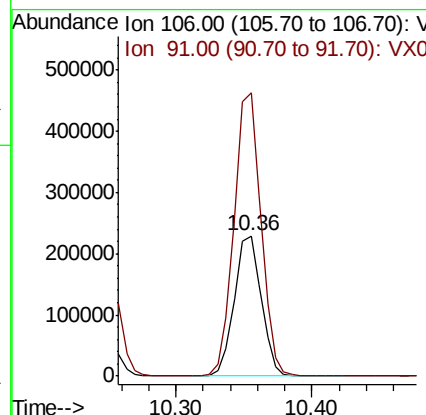
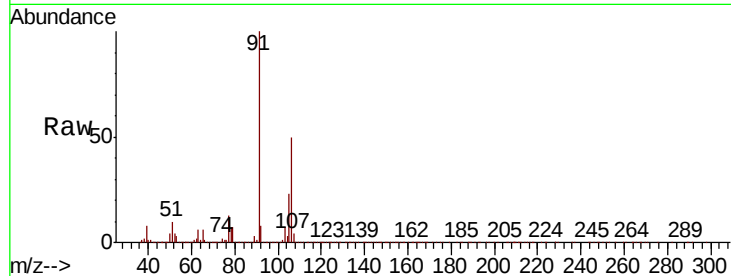




#67
m/p-Xvlenes
Concen: 39.881 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

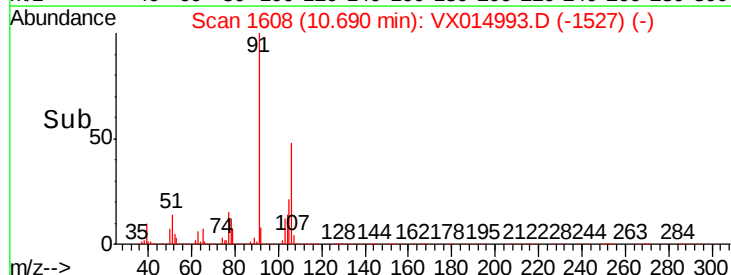
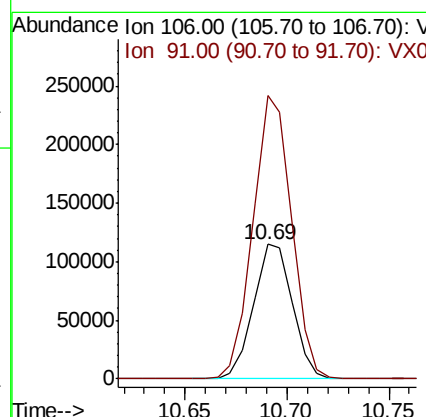
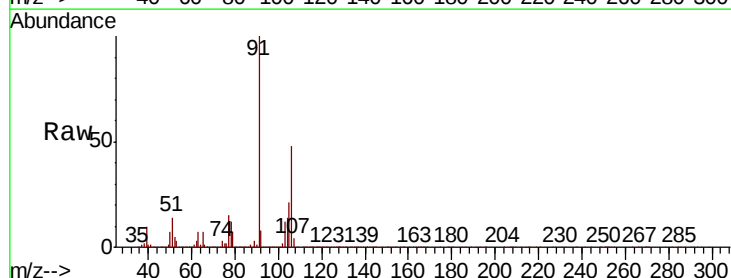
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

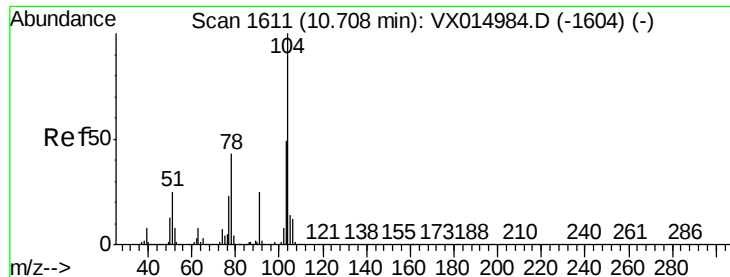
Tot Ion:106 Resp: 317316
Ion Ratio Lower Upper
106 100
91 200.8 160.4 240.6



#68
o-Xylene
Concen: 19.822 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion:106 Resp: 152605
Ion Ratio Lower Upper
106 100
91 208.5 105.3 315.9

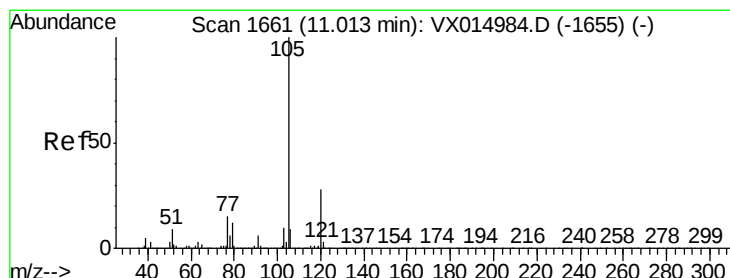
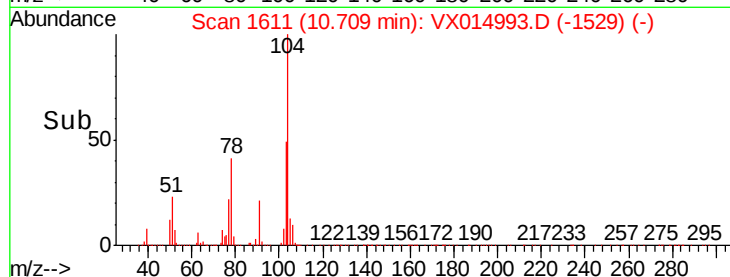
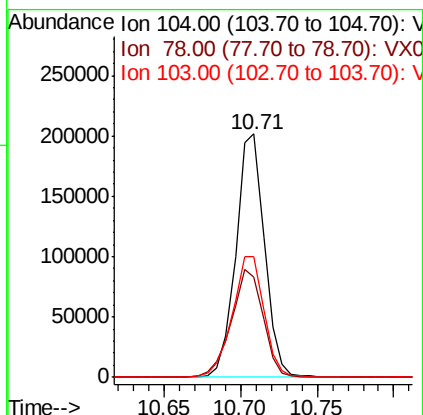
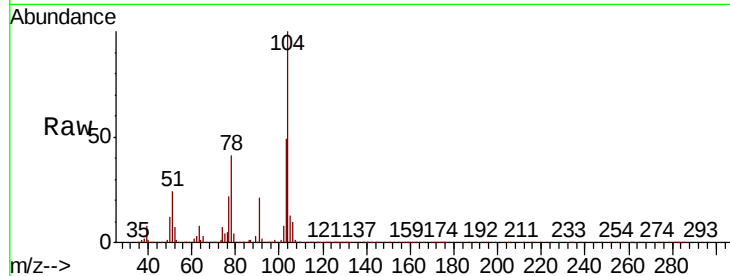




#69
Stvrene
Concen: 19.908 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

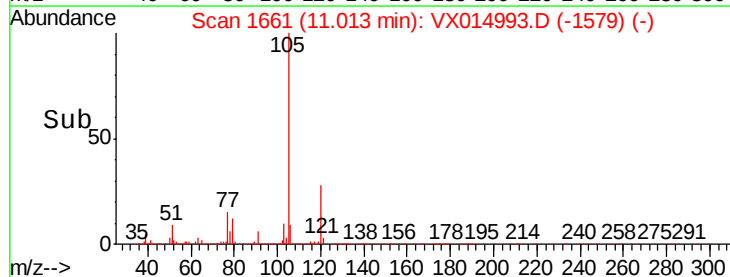
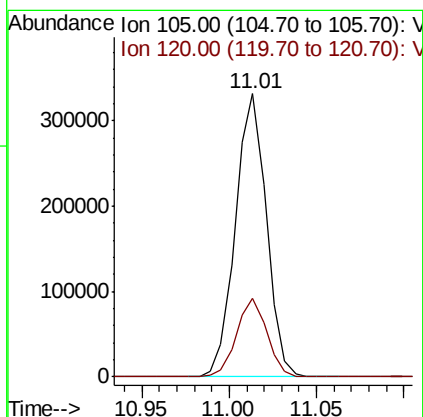
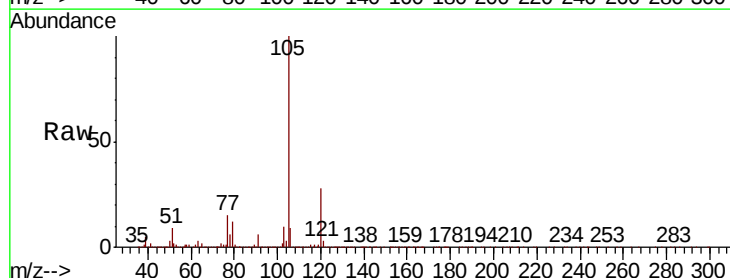
Instrument :
MSVOA_X
ClientSampled :
VX0221WBSD01

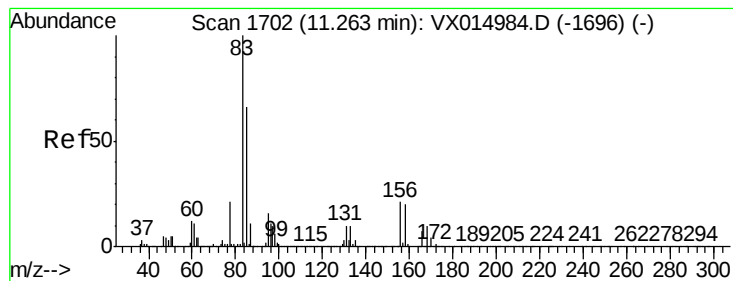
Tot Ion:104 Resp: 261764
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.2
103 55.0 42.9 64.3



#70
Isopropylbenzene
Concen: 19.965 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion:105 Resp: 408275
Ion Ratio Lower Upper
105 100
120 27.2 18.8 35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.468 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

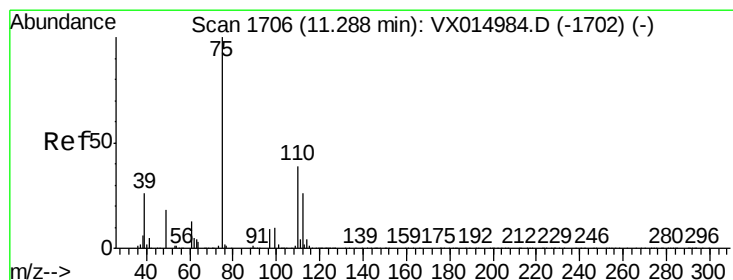
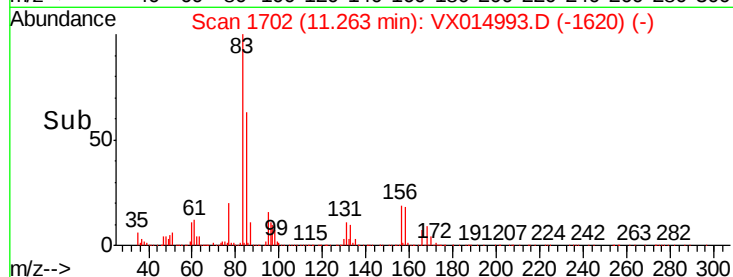
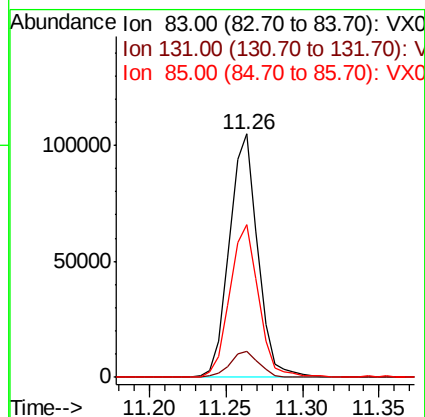
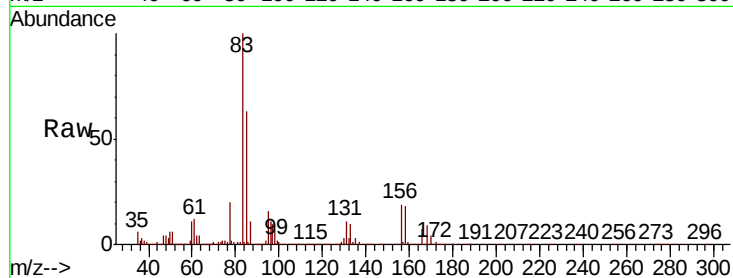
Tot Ion: 83 Resp: 134767

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.4

85 64.0 32.2 96.6



#72

1,2,3-Trichloropropane

Concen: 28.153 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX014993.D

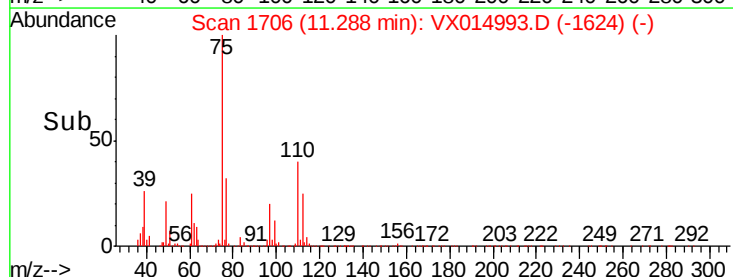
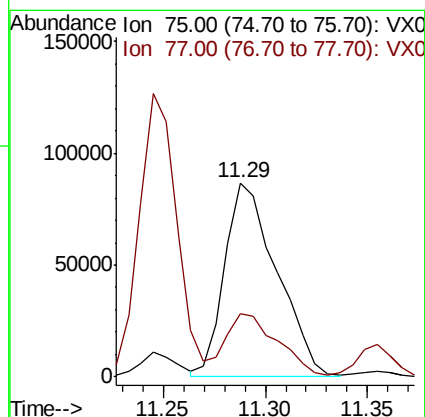
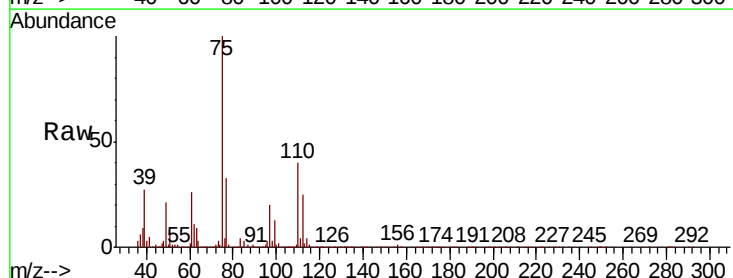
Acq: 21 Feb 2020 14:12

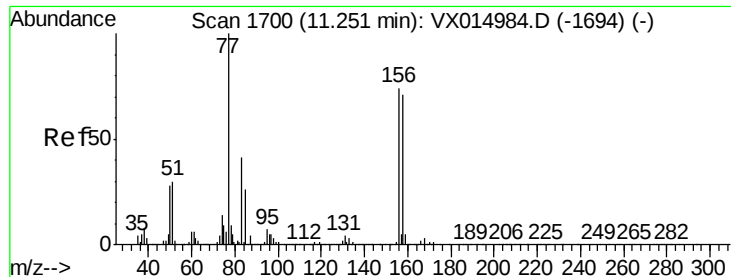
Tgt Ion: 75 Resp: 153759

Ion Ratio Lower Upper

75 100

77 32.5 0.0 75.4





#73

Bromobenzene

Concen: 20.145 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

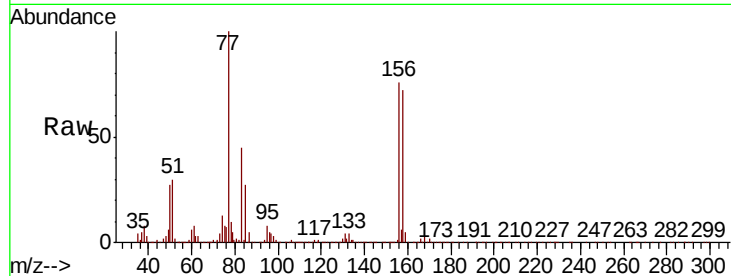
Tot Ion:156 Resp: 111312

Ion Ratio Lower Upper

156 100

77 144.5 0.0 286.8

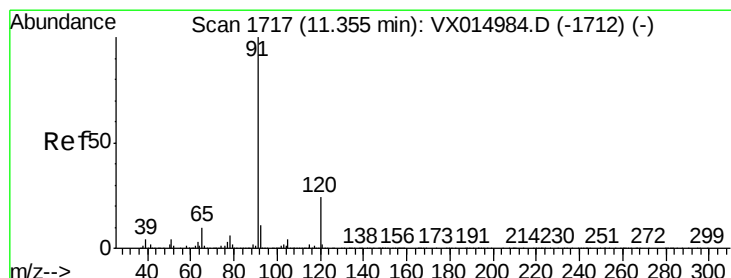
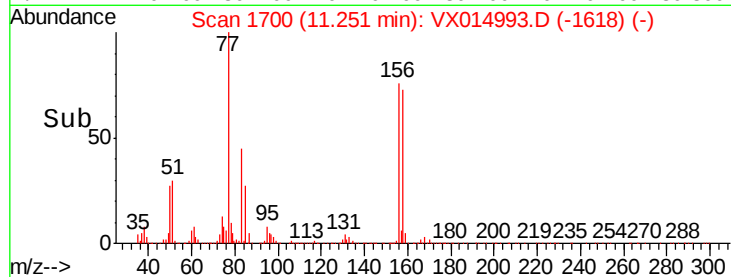
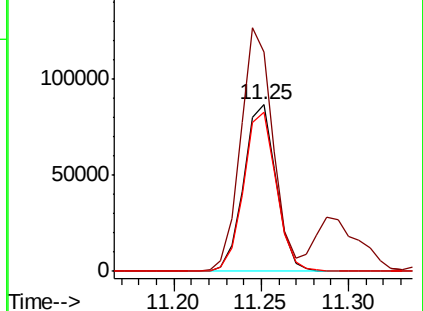
158 96.3 0.0 191.8



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: 20.423 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014993.D

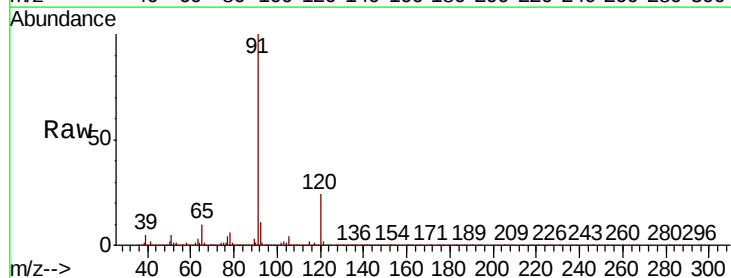
Acq: 21 Feb 2020 14:12

Tgt Ion: 91 Resp: 475335

Ion Ratio Lower Upper

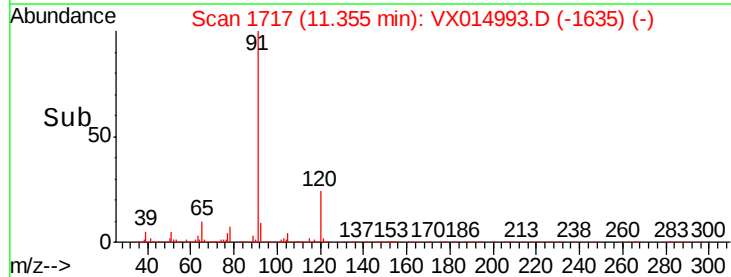
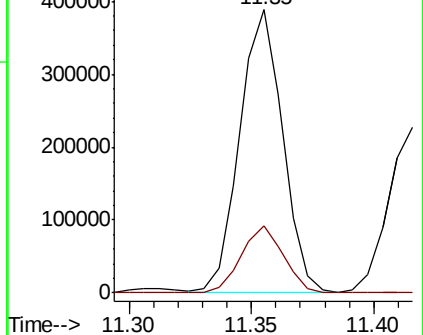
91 100

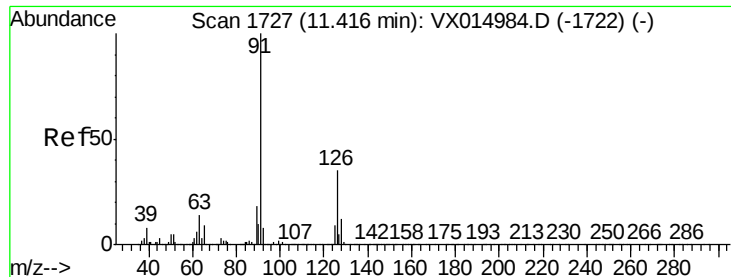
120 23.4 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.262 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

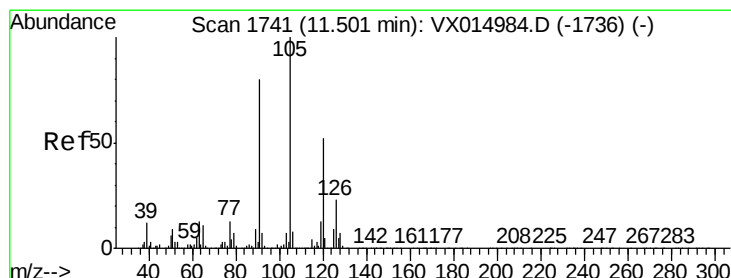
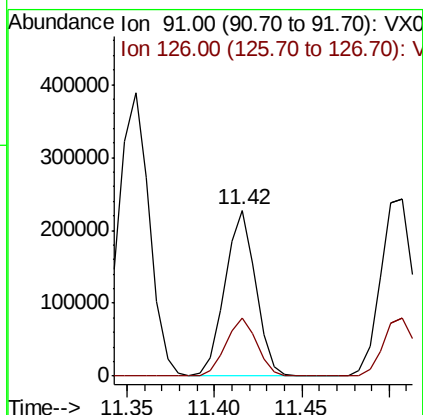
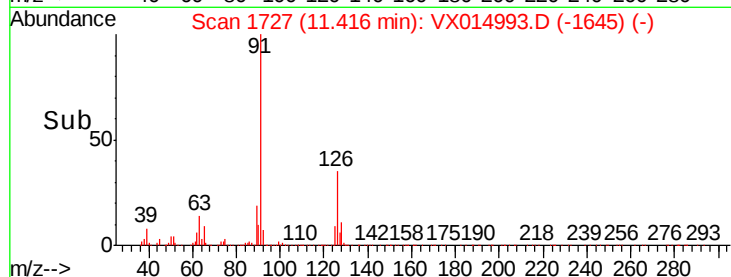
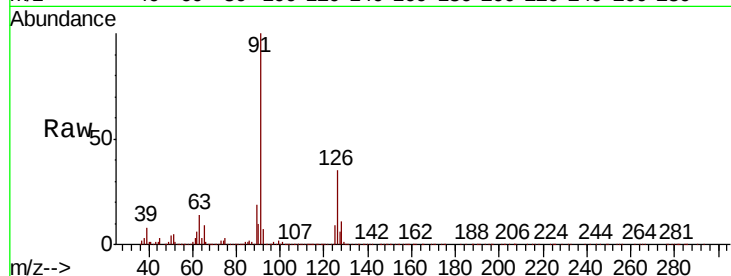
VX0221WBSD01

Tot Ion: 91 Resp: 278684

Ion Ratio Lower Upper

91 100

126 35.0 0.0 69.0



#76

1,3,5-Trimethylbenzene

Concen: 20.138 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014993.D

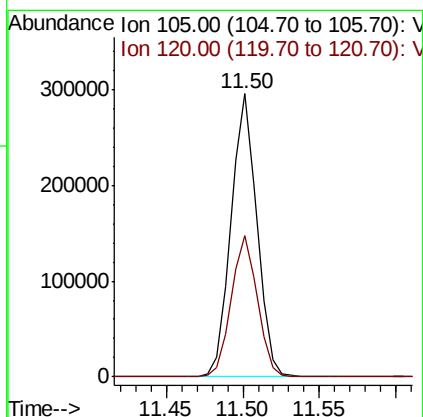
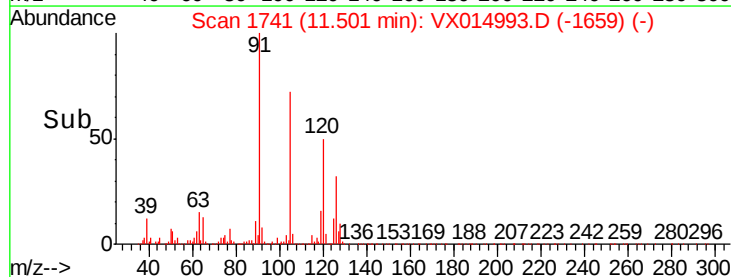
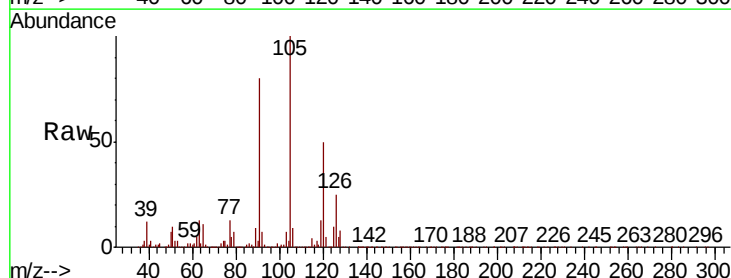
Acq: 21 Feb 2020 14:12

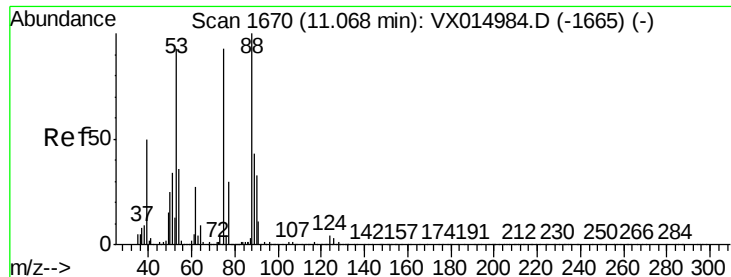
Tgt Ion: 105 Resp: 345134

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.137 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

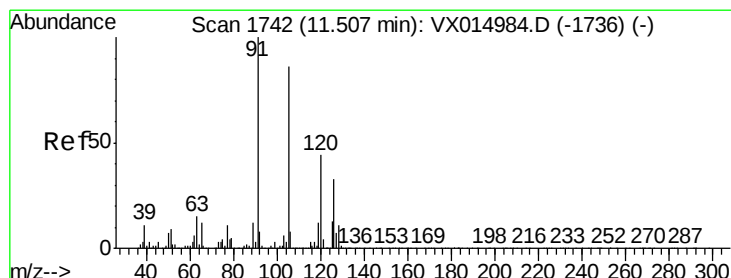
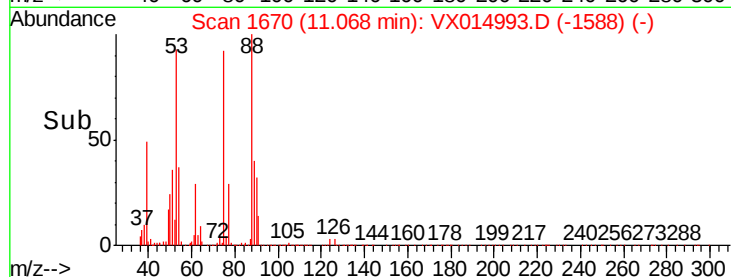
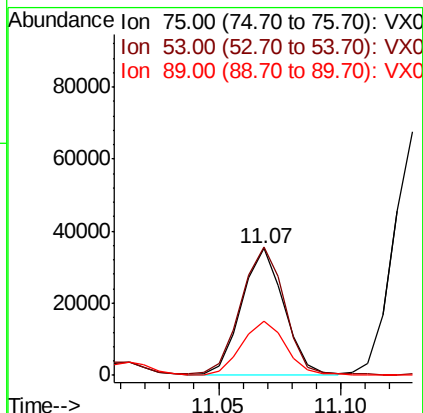
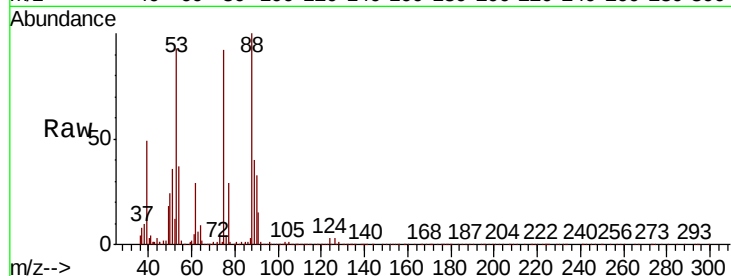
Tot Ion: 75 Resp: 42146

Ion Ratio Lower Upper

75 100

53 100.2 50.0 149.8

89 42.8 23.5 70.5



#78

4-Chlorotoluene

Concen: 20.021 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014993.D

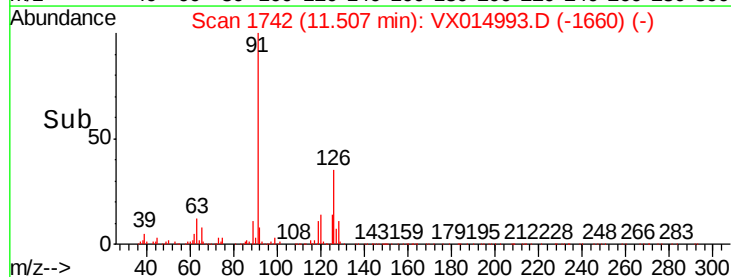
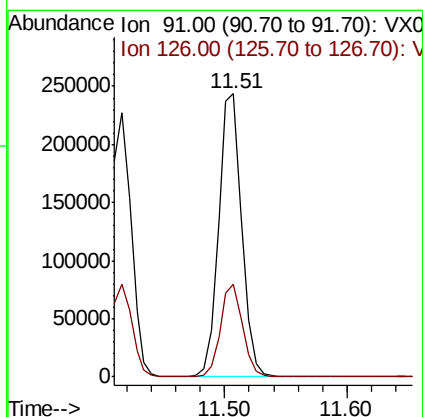
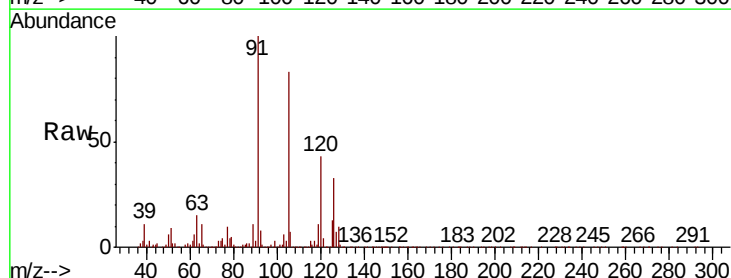
Acq: 21 Feb 2020 14:12

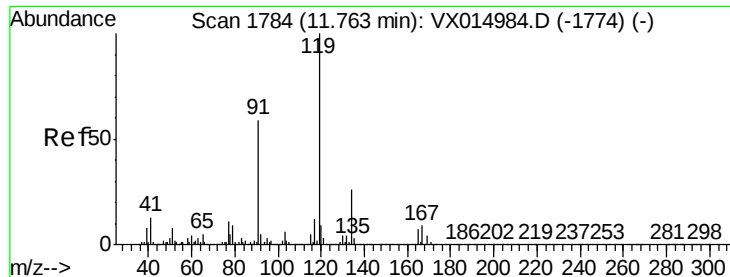
Tgt Ion: 91 Resp: 318522

Ion Ratio Lower Upper

91 100

126 31.5 0.0 62.0





#79

tert-butylbenzene

Concen: 20.181 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampled :

VX0221WBSD01

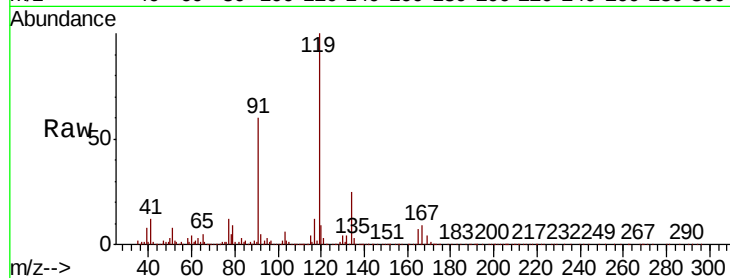
Tot Ion:119 Resp: 334141

Ion Ratio Lower Upper

119 100

91 55.8 0.0 114.4

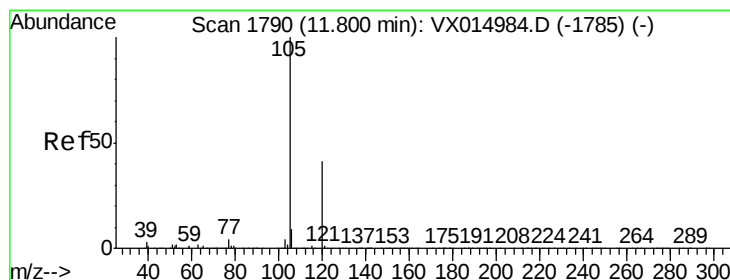
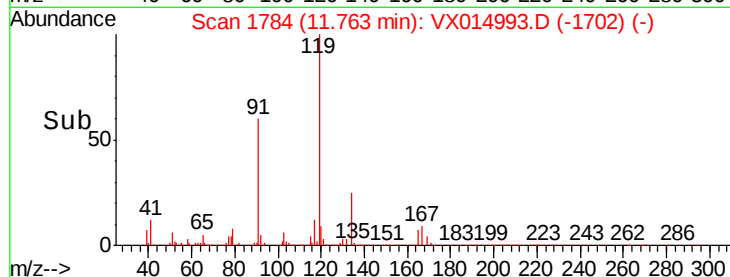
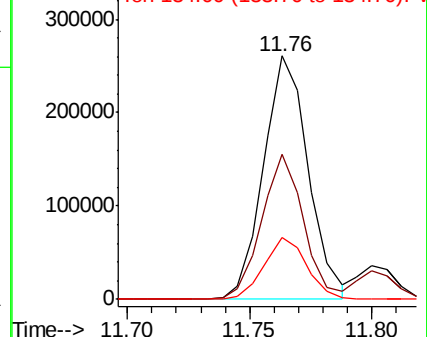
134 24.5 0.0 48.8



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: 20.241 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014993.D

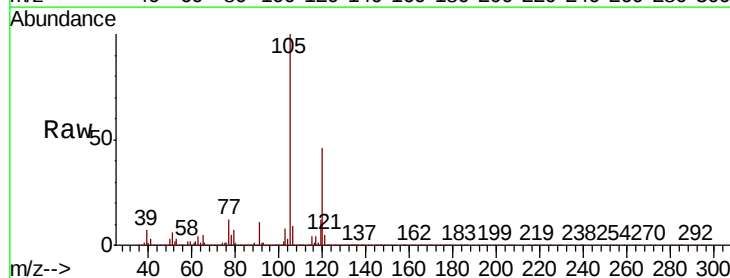
Acq: 21 Feb 2020 14:12

Tgt Ion:105 Resp: 344870

Ion Ratio Lower Upper

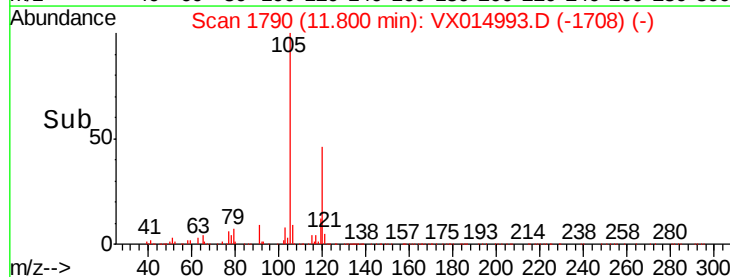
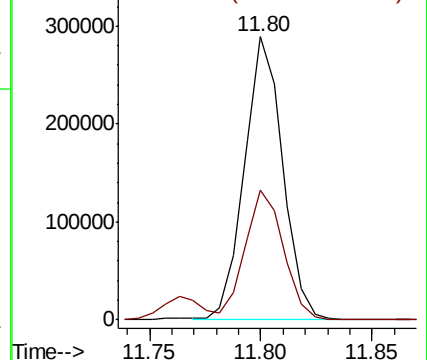
105 100

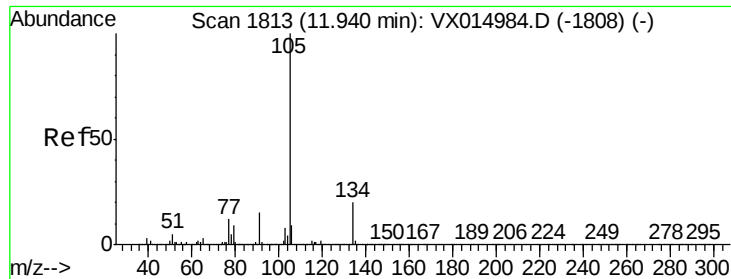
120 46.0 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

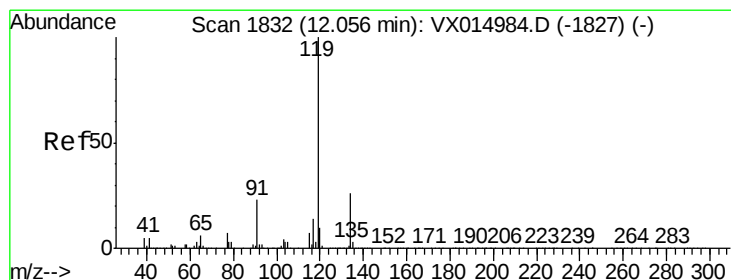
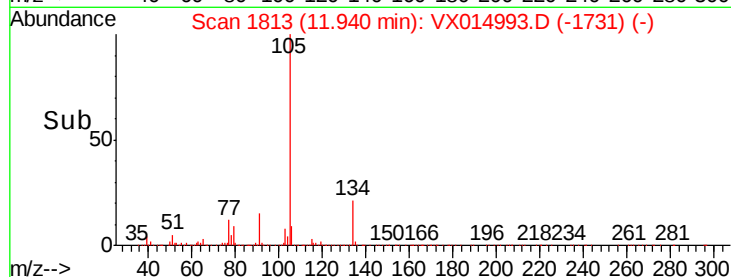
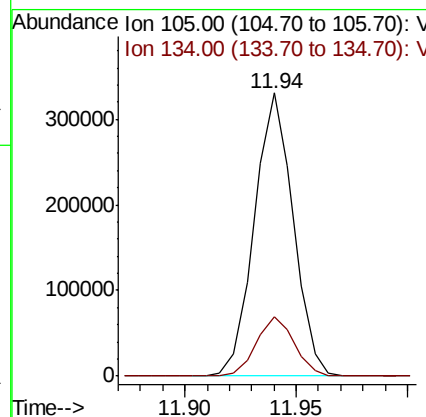
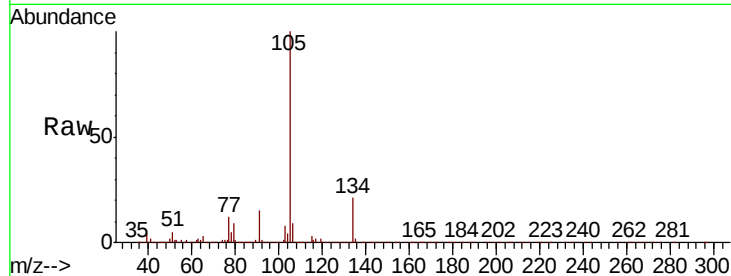




#81
 sec-Butylbenzene
 Concen: 20.251 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

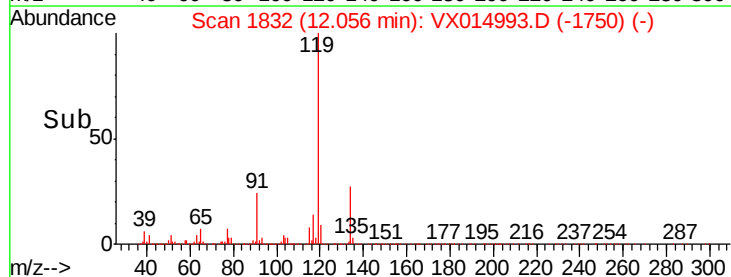
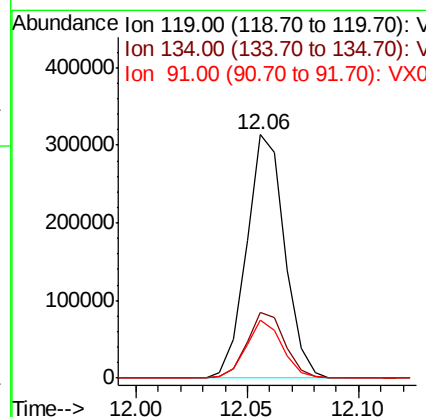
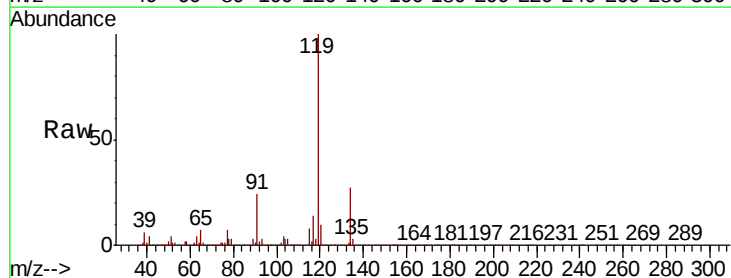
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

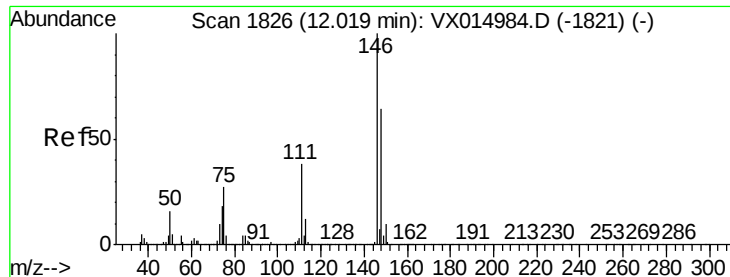
Tot Ion:105 Resp: 401552
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 20.220 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion:119 Resp: 372481
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 53.2
 91 22.7 0.0 44.6

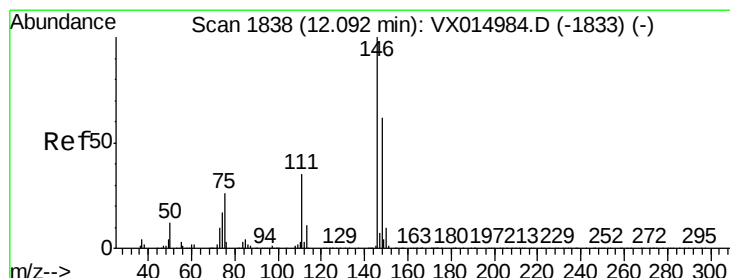
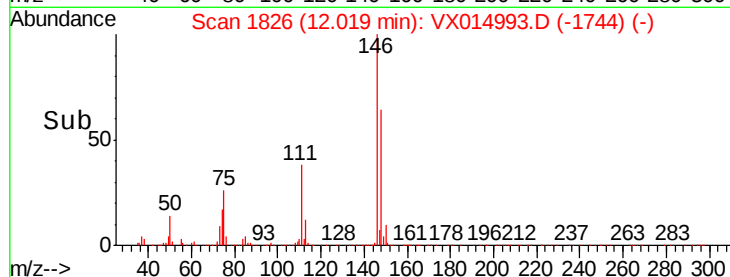
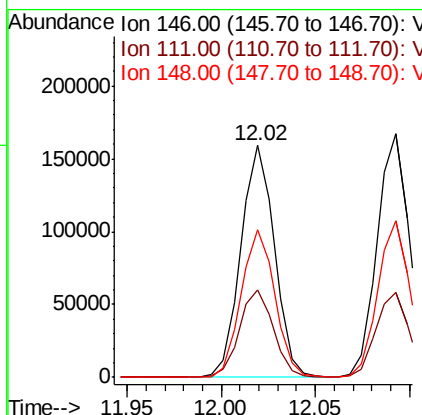
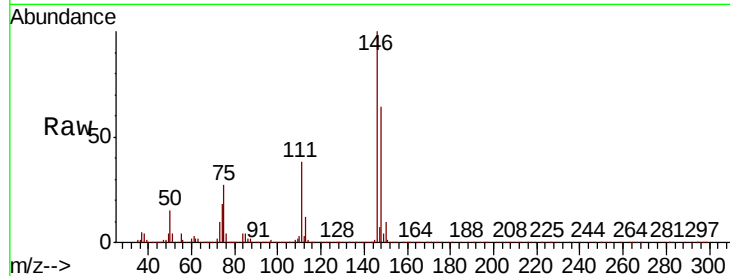




#83
 1,3-Dichlorobenzene
 Concen: 20.327 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

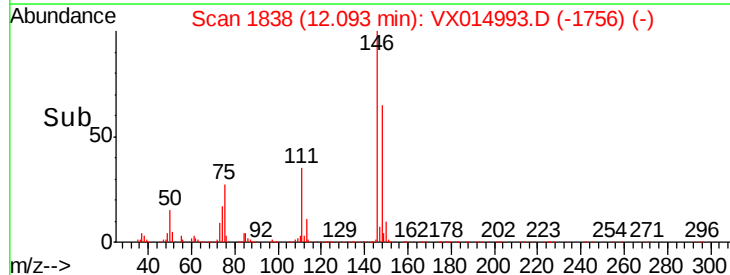
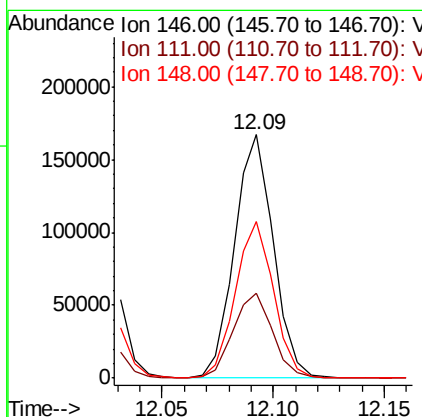
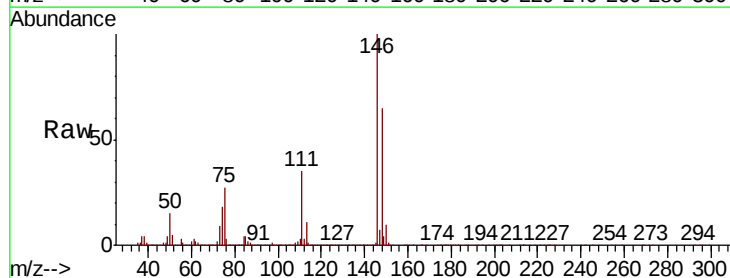
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

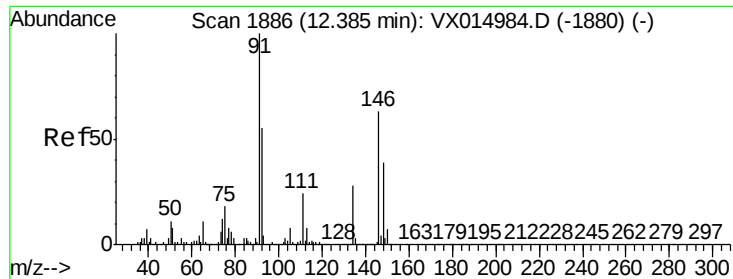
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	64.0	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 20.773 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.8	53.5
148	63.6	31.4	94.2

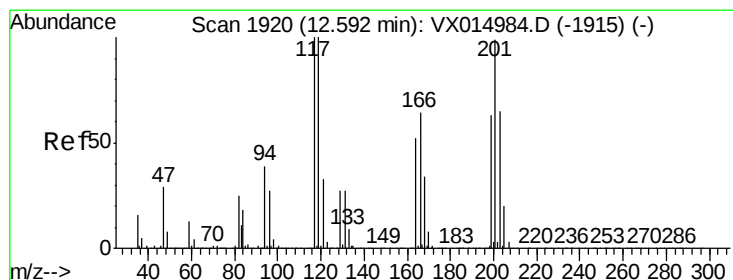
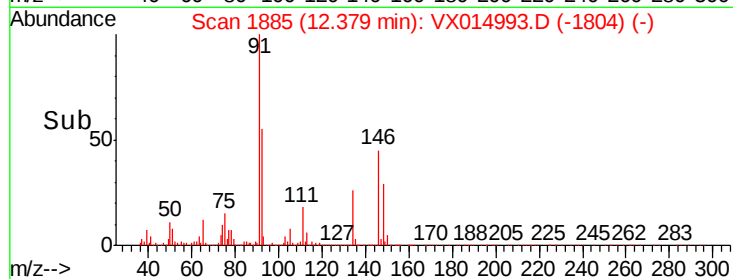
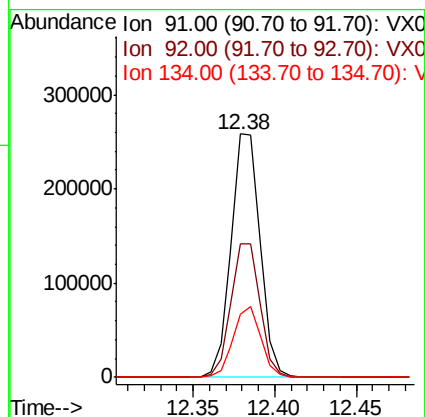
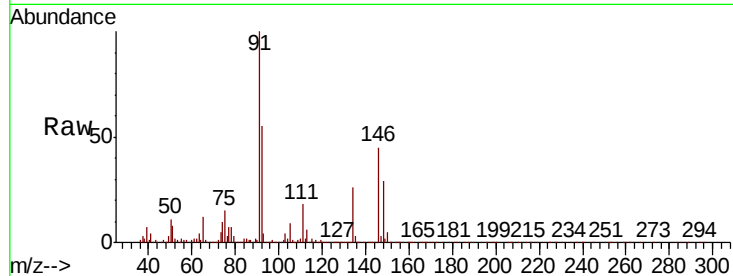




#85
n-Butylbenzene
Concen: 19.921 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

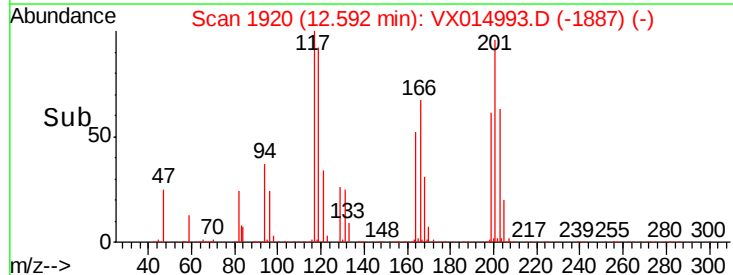
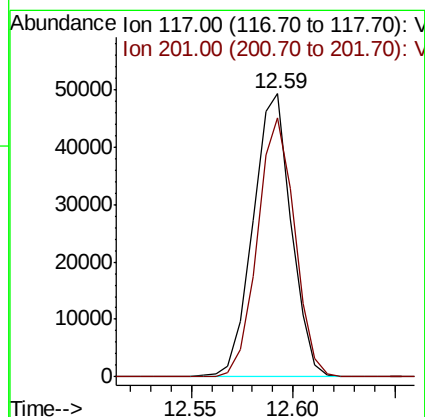
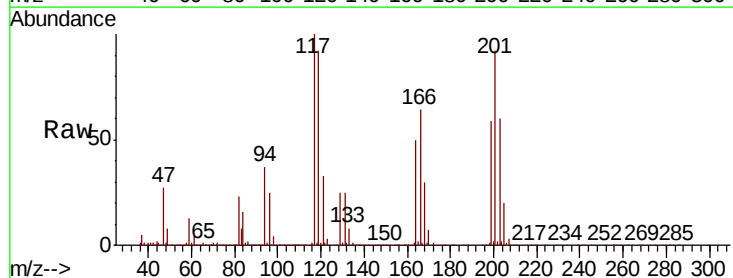
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

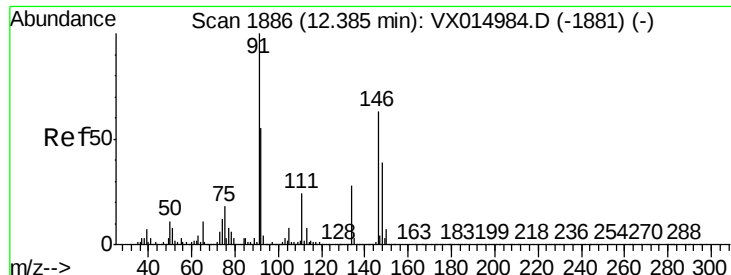
Tot Ion: 91 Resp: 319344
Ion Ratio Lower Upper
91 100
92 54.9 0.0 109.8
134 27.4 0.0 54.8



#86
Hexachloroethane
Concen: 19.237 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 117 Resp: 64053
Ion Ratio Lower Upper
117 100
201 89.0 45.6 136.7

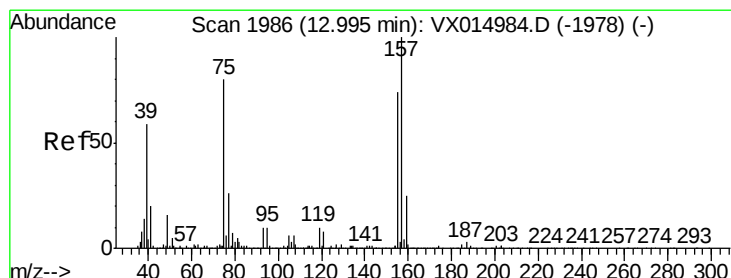
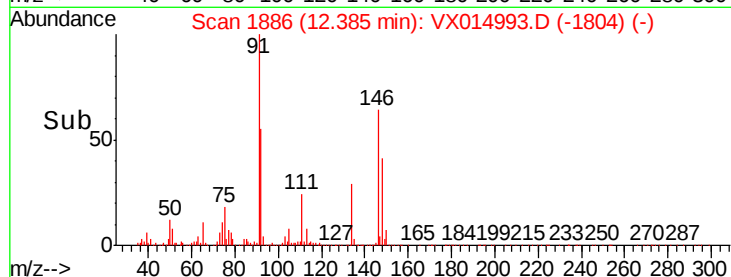
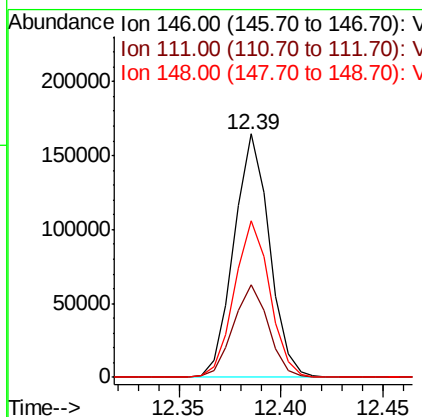
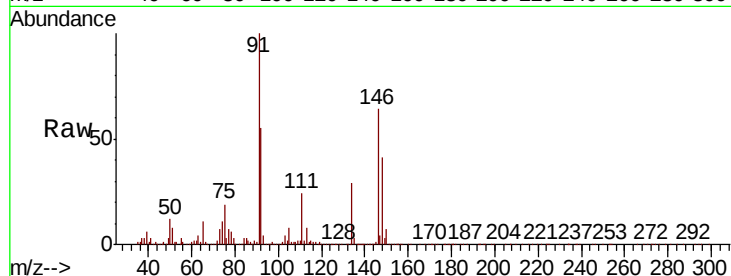




#87
 1,2-Dichlorobenzene
 Concen: 20.631 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

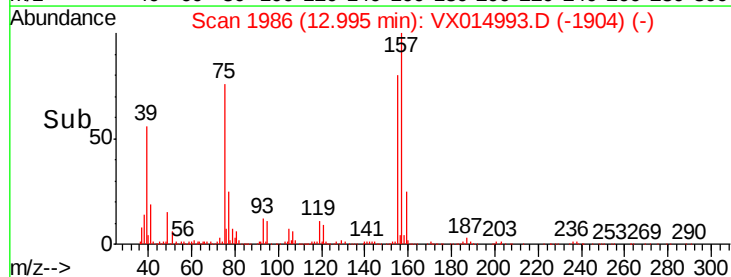
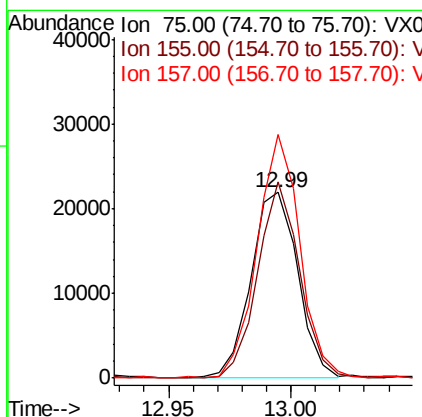
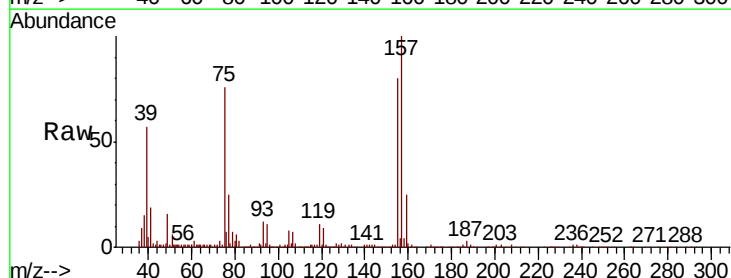
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

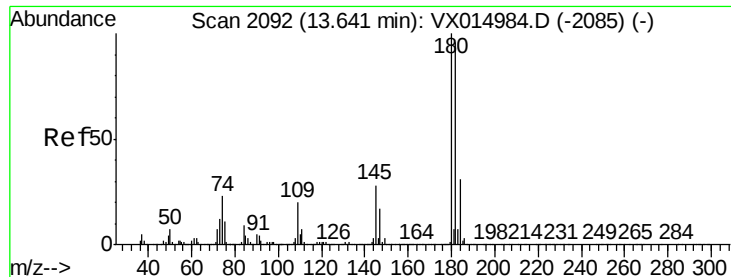
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.7	59.1
148	64.2	32.0	96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.318 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	74.5	111.7
157	120.5	96.2	144.4

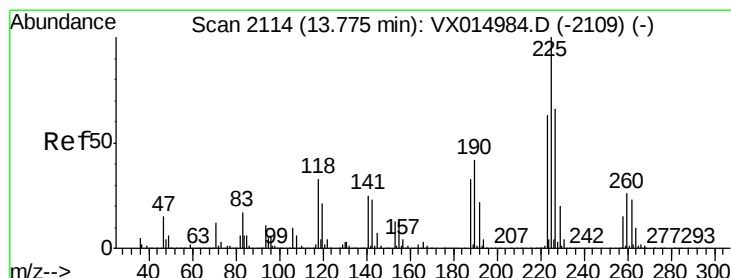
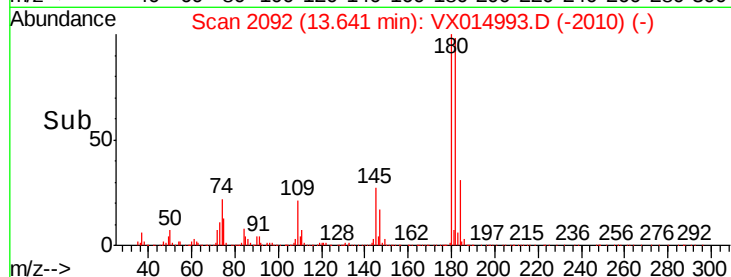
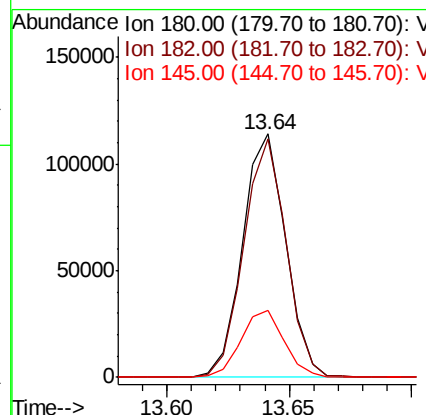
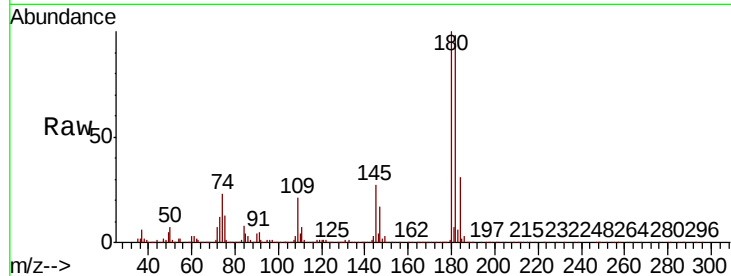




#89
 1,2,4-Trichlorobenzene
 Concen: 20.100 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

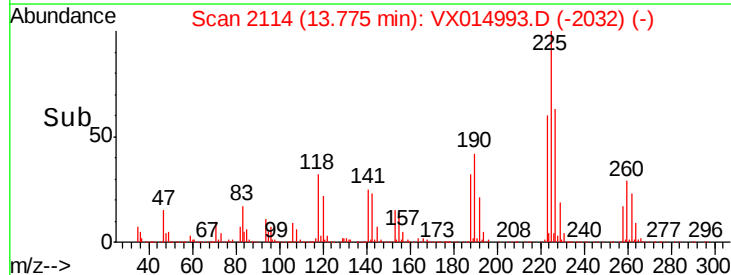
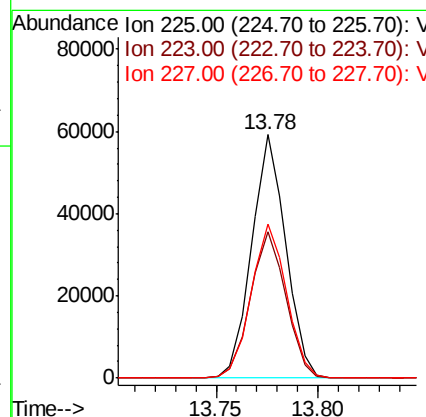
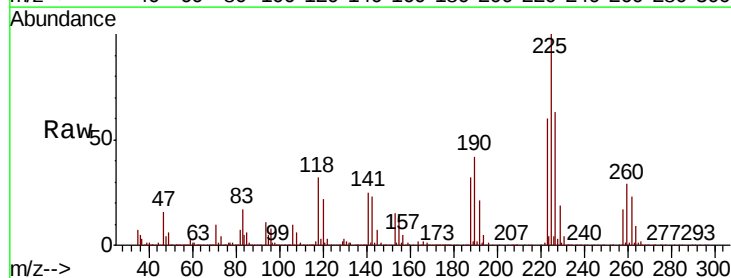
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

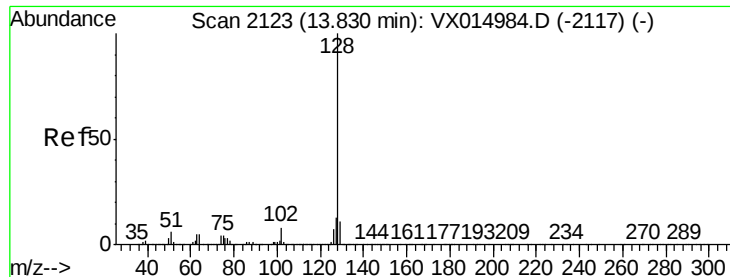
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
145	27.7	21.8	32.6



#90
 Hexachlorobutadiene
 Concen: 20.055 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	132.0
227	65.7	0.0	131.0

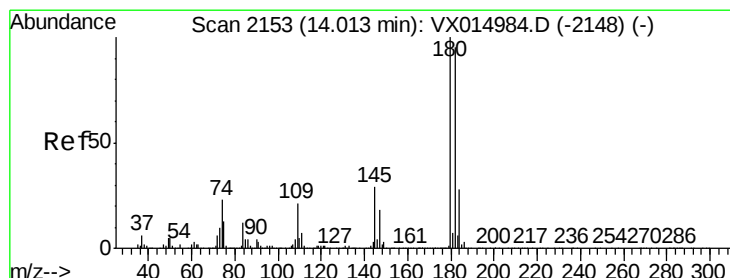
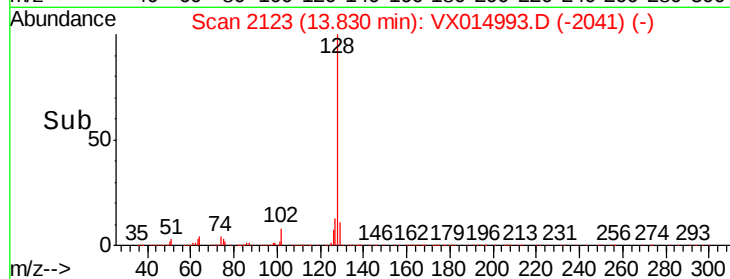
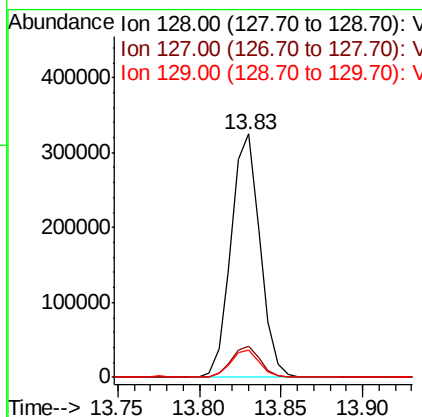
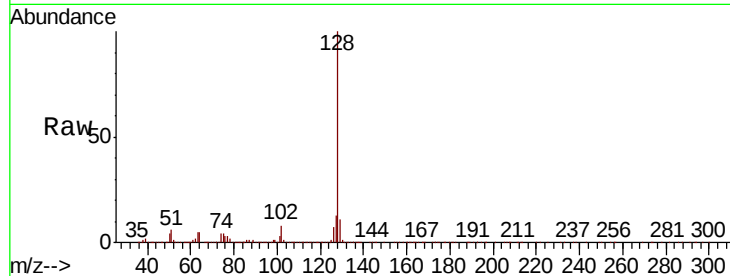




#91
Naphthalene
Concen: 20.407 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion:128 Resp: 400471
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 20.262 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion:180 Resp: 139438
Ion Ratio Lower Upper
180 100
182 96.3 0.0 192.4
145 29.7 0.0 60.4

