

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015054.D
 Acq On : 28 Feb 2020 11:26
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:25:03 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	67551	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	365661	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	344005	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	142219	30.28	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.93%
60) 4-Bromofluorobenzene	11.13	95	159824	29.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.43%
63) Toluene-d8	8.71	98	442578	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	55181	18.293	ug/l 97
3) Chloromethane	1.32	50	80303	20.588	ug/l 98
4) Vinyl Chloride	1.40	62	82736	19.709	ug/l 100
5) Bromomethane	1.64	94	55670	18.937	ug/l 96
6) Chloroethane	1.72	64	55963	19.902	ug/l 98
7) Trichlorofluoromethane	1.93	101	108634	17.781	ug/l 94
8) Diethyl Ether	2.18	74	49099	19.104	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67845	19.207	ug/l 99
10) 1,1-Dichloroethene	2.37	96	65448	18.431	ug/l 98
11) Methyl Iodide	2.50	142	70056	16.236	ug/l 98
12) Methyl Acetate	2.76	43	97154	21.986	ug/l 96
13) Acrolein	2.28	56	80093	91.136	ug/l 99
14) Acrylonitrile	3.12	53	214696	107.584	ug/l 99
15) Acetone	2.43	58	62136	87.004	ug/l 95
16) Carbon Disulfide	2.56	76	174523	18.279	ug/l 99
17) Allyl chloride	2.72	41	125699	20.349	ug/l 95
18) Methylene Chloride	2.85	84	79321	19.387	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	75090	19.252	ug/l 96
20) Diisopropyl ether	3.84	45	259563	20.575	ug/l 96
21) 1,1-Dichloroethane	3.69	63	133661	19.328	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	86084	19.287	ug/l 97
23) tert-Butyl Alcohol	3.01	59	81241	102.698	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	229829	19.453	ug/l 97
25) Chloroform	5.19	83	133878	19.197	ug/l 97
26) Cyclohexane	5.57	56	122724	19.856	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	102906	19.897	ug/l 99
30) 2-Butanone	4.65	43	302479	101.322	ug/l 99
31) 2,2-Dichloropropane	4.57	77	102429	18.036	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	110277	18.775	ug/l 99
33) Carbon Tetrachloride	5.78	117	96516	18.772	ug/l 97
34) Benzene	6.13	78	330086	21.151	ug/l 99
35) Methacrylonitrile	5.02	41	67937	22.309	ug/l 97
36) 1,2-Dichloroethane	6.18	62	116291	21.051	ug/l 96
37) Trichloroethene	7.20	130	88849	20.277	ug/l 96
38) Methylcyclohexane	7.45	83	125269	19.540	ug/l 98
39) 1,2-Dichloropropane	7.51	63	85604	21.310	ug/l 97
40) Dibromomethane	7.65	93	56313	20.993	ug/l 97

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 23:25:03 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)
41) Bromodichloromethane	7.89	83	109044	20.579	ug/l	99
42) Vinyl Acetate	3.80	43	1101213	104.800	ug/l	99
43) Ethyl Acetate	4.81	43	115251	21.336	ug/l	96
44) Isopropyl Acetate	6.43	43	195480	21.527	ug/l	99
45) 1,4-Dioxane	7.73	88	38243	455.789	ug/l	97
46) Methyl methacrylate	7.76	41	96269	21.430	ug/l	98
47) n-amyl Acetate	10.89	43	161328	20.508	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	119600	20.344	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	135090	20.872	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	85406	21.371	ug/l	97
51) Ethyl methacrylate	9.17	69	129223	20.950	ug/l	98
52) 1,3-Dichloropropane	9.36	76	144820	21.421	ug/l	100
53) Dibromochloromethane	9.57	129	88733	20.536	ug/l	98
54) 1,2-Dibromoethane	9.67	107	91270	21.511	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	339280	103.260	ug/l	98
56) Bromoform	10.85	173	68314	20.169	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	621136	110.173	ug/l	99
59) 2-Hexanone	9.48	43	468951	106.458	ug/l	99
61) Tetrachloroethene	9.33	164	91683	19.843	ug/l	99
62) Toluene	8.78	91	353334	20.053	ug/l	100
64) Chlorobenzene	10.13	112	225531	20.053	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	84280	20.231	ug/l	98
66) Ethyl Benzene	10.25	91	388605	20.021	ug/l	99
67) m/p-Xylenes	10.35	106	299844	40.061	ug/l	98
68) o-Xylene	10.69	106	142714	19.706	ug/l	100
69) Styrene	10.71	104	246215	19.906	ug/l	99
70) Isopropylbenzene	11.01	105	380092	19.759	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	130474	21.066	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	150199	29.235	ug/l	90
73) Bromobenzene	11.25	156	103007	19.817	ug/l	97
74) n-propylbenzene	11.35	91	451700	20.631	ug/l	99
75) 2-Chlorotoluene	11.42	91	262153	20.262	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	320582	19.885	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	40207	19.408	ug/l	98
78) 4-Chlorotoluene	11.51	91	303011	20.246	ug/l	100
79) tert-butylbenzene	11.76	119	305358	19.605	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	320318	19.985	ug/l	100
81) sec-Butylbenzene	11.94	105	377044	20.214	ug/l	100
82) p-Isopropyltoluene	12.06	119	344217	19.864	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	182886	20.071	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	186796	20.358	ug/l	100
85) n-Butylbenzene	12.39	91	294415	19.524	ug/l	99
86) Hexachloroethane	12.59	117	58269	18.603	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	183466	20.234	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27604	20.464	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	125445	19.239	ug/l	99
90) Hexachlorobutadiene	13.78	225	62691	19.360	ug/l	99
91) Naphthalene	13.83	128	369185	19.999	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	130109	20.098	ug/l	99

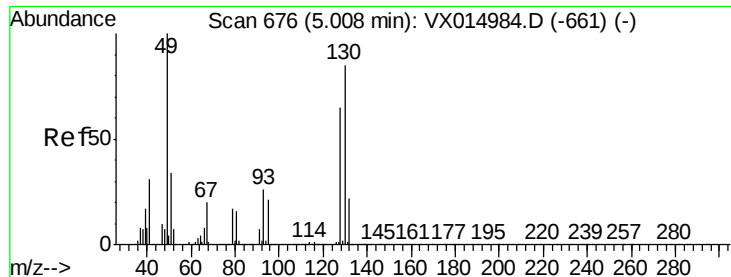
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Quant Time: Feb 28 23:25:03 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

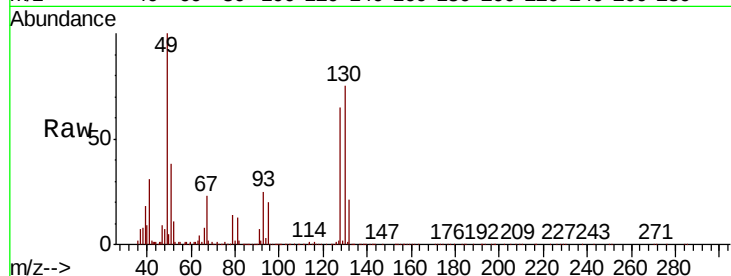
Tot Ion:128 Resp: 67551

Ion Ratio Lower Upper

128 100

49 158.4 0.0 384.7

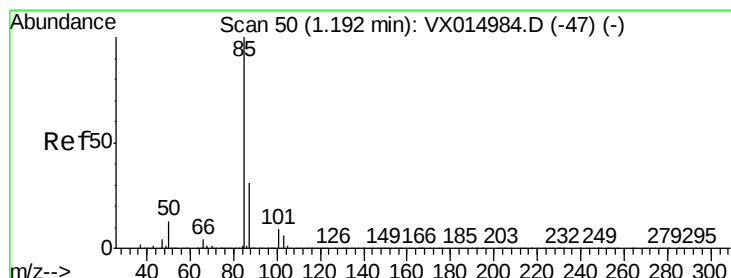
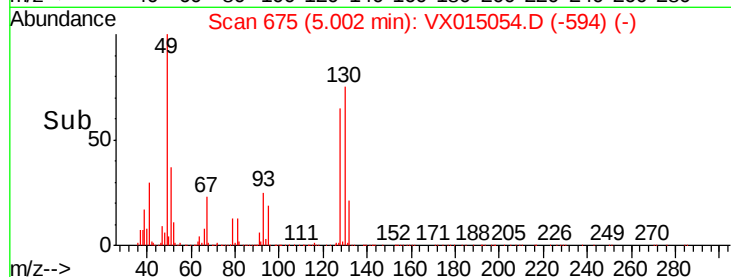
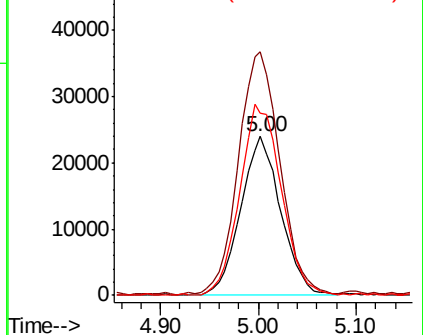
130 126.1 0.0 330.8



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: 18.293 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015054.D

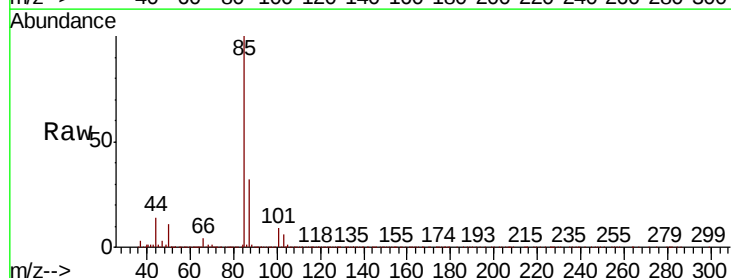
Acq: 28 Feb 2020 11:26

Tgt Ion: 85 Resp: 55181

Ion Ratio Lower Upper

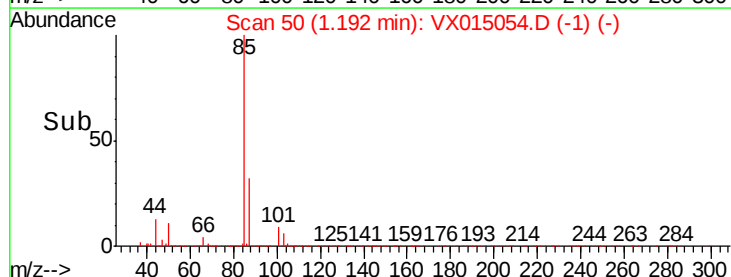
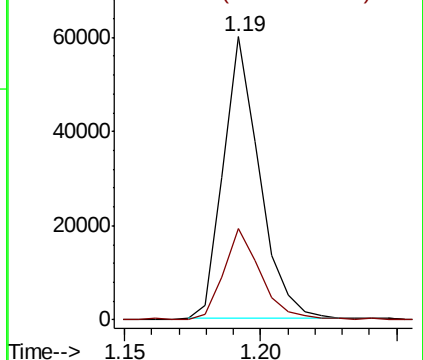
85 100

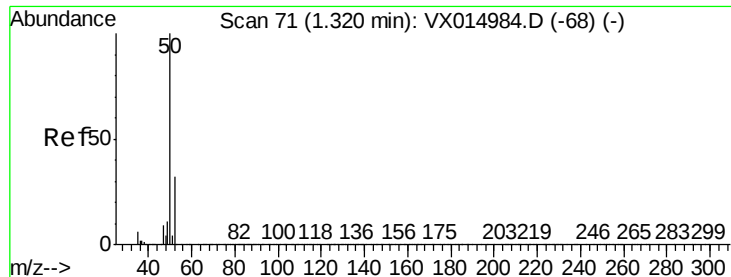
87 32.4 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.588 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

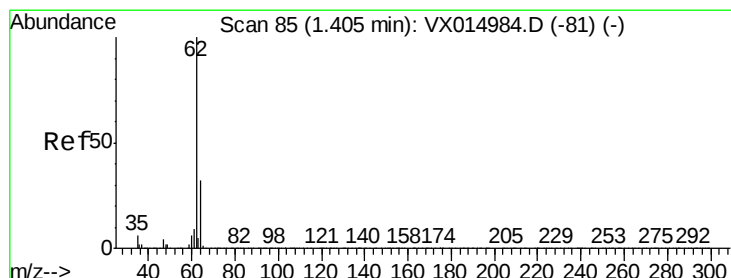
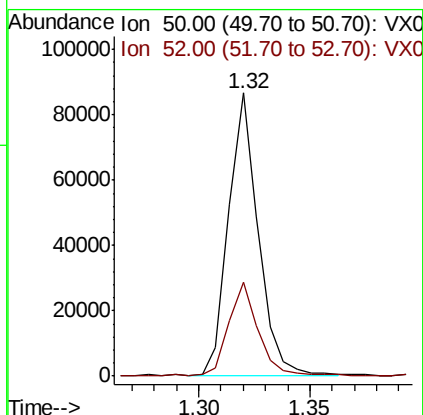
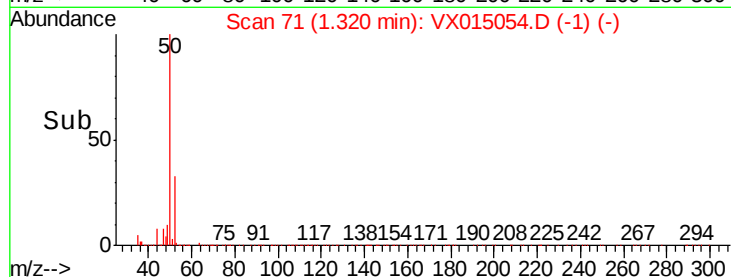
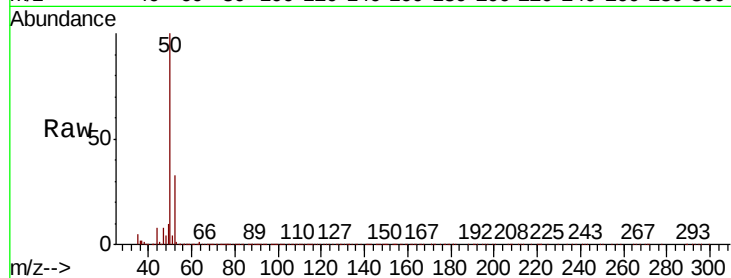
ClientSampleId :

Tot Ion: 50 Resp: 80303

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.0



#4

Vinyl Chloride

Concen: 19.709 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015054.D

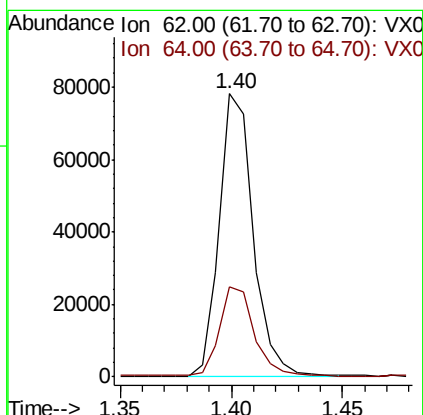
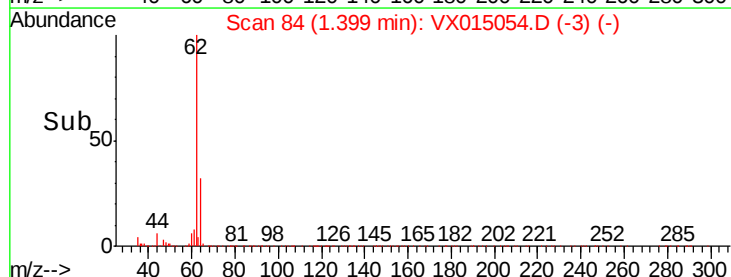
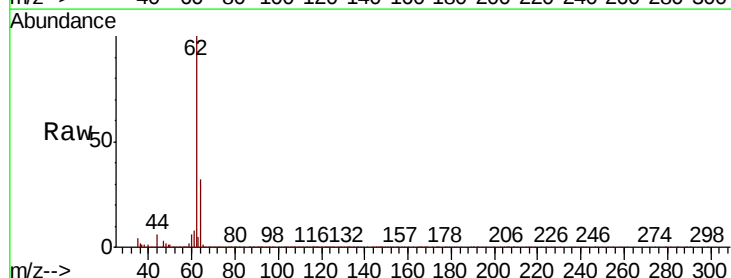
Acq: 28 Feb 2020 11:26

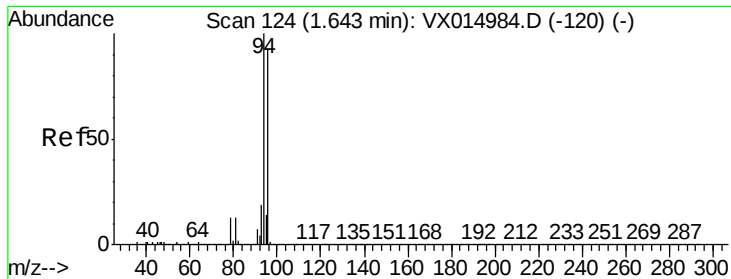
Tgt Ion: 62 Resp: 82736

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 18.937 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

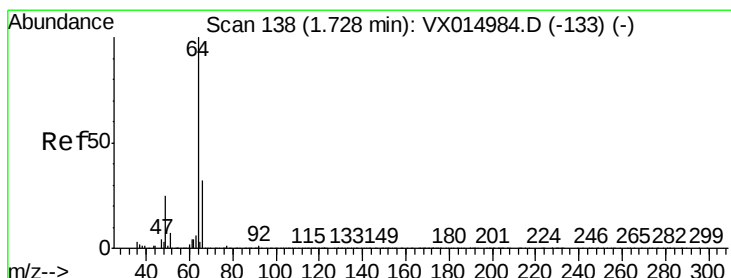
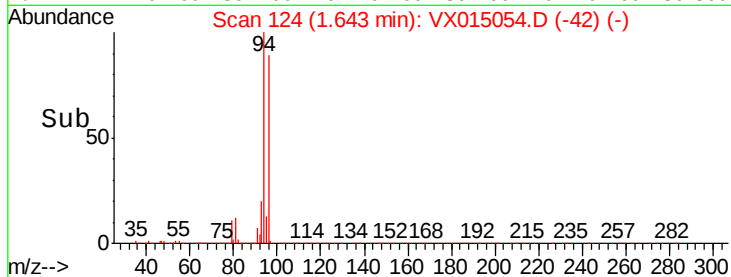
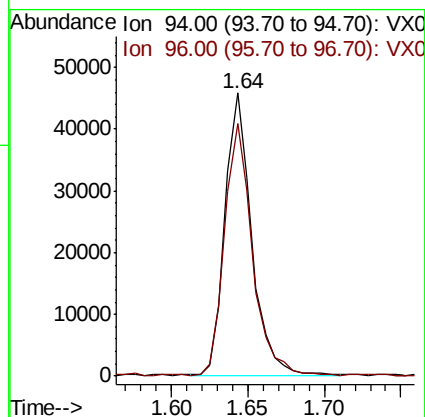
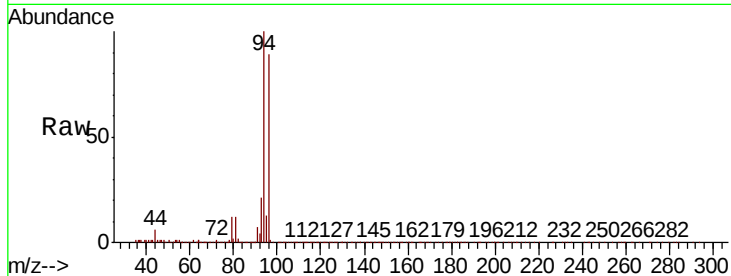
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 55670

Ion Ratio Lower Upper

94 100

96 89.4 74.6 112.0



#6

Chloroethane

Concen: 19.902 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015054.D

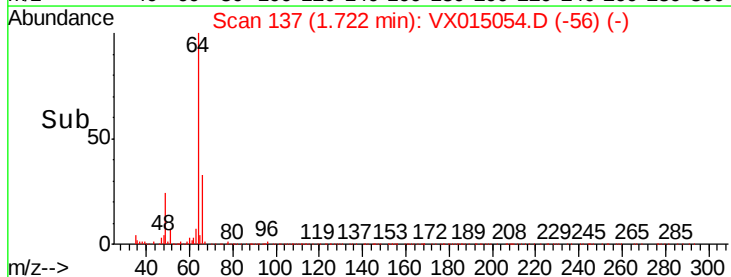
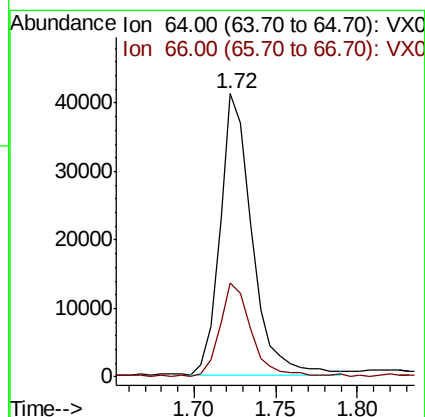
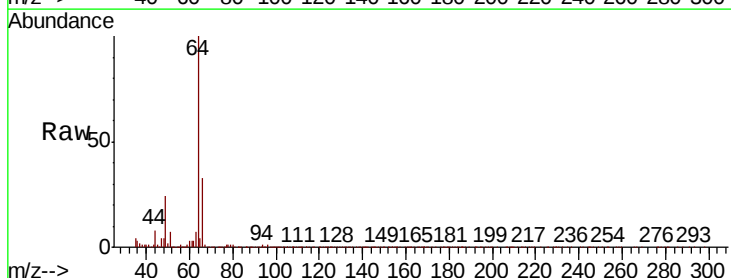
Acq: 28 Feb 2020 11:26

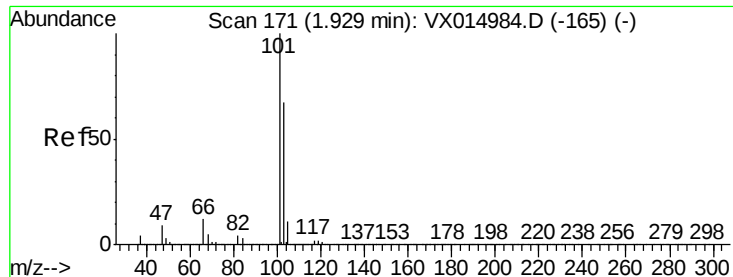
Tgt Ion: 64 Resp: 55963

Ion Ratio Lower Upper

64 100

66 33.0 25.8 38.6



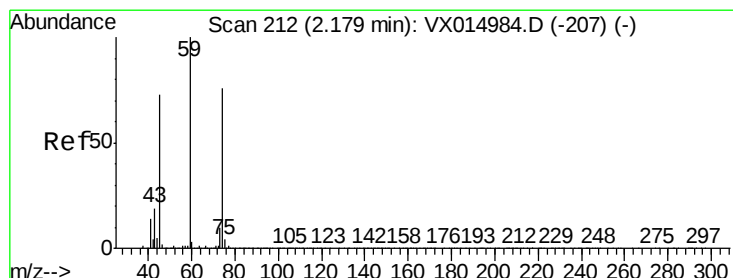
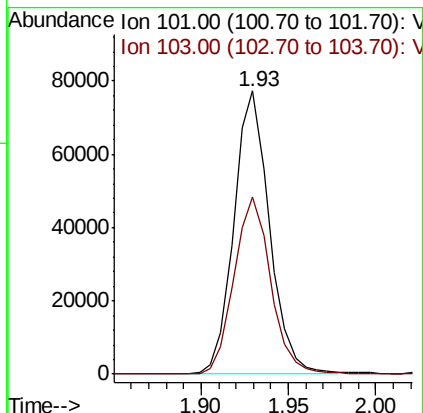
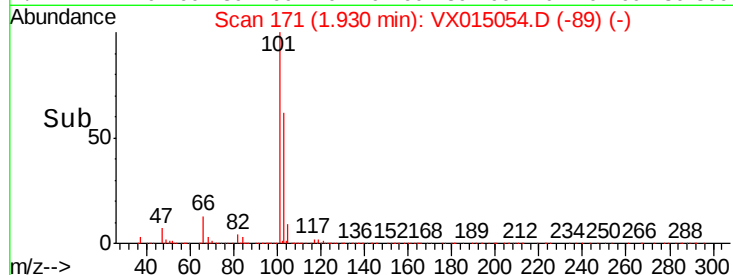
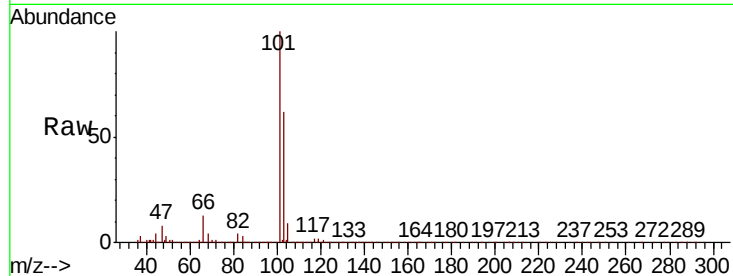


#7

Trichlorofluoromethane
Concen: 17.781 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :

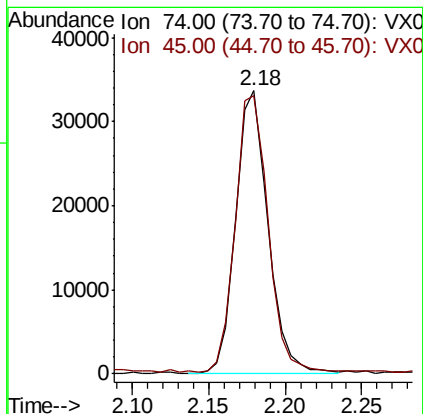
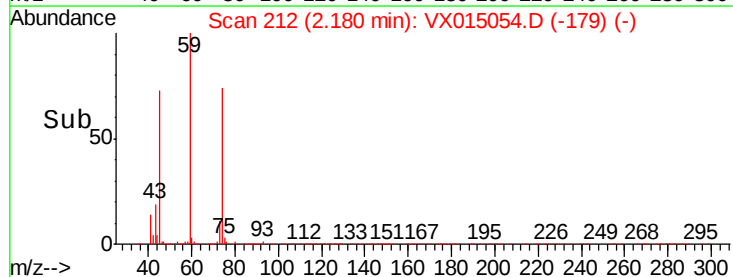
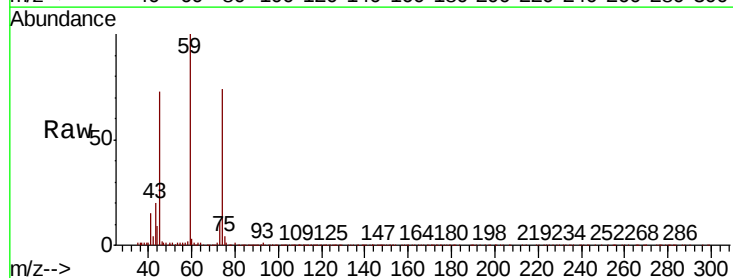
Tot Ion:101 Resp: 108634
Ion Ratio Lower Upper
101 100
103 62.3 53.4 80.2

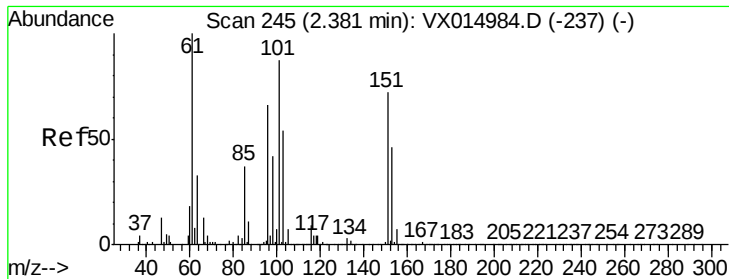


#8

Diethyl Ether
Concen: 19.104 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 74 Resp: 49099
Ion Ratio Lower Upper
74 100
45 100.9 19.6 176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.207 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

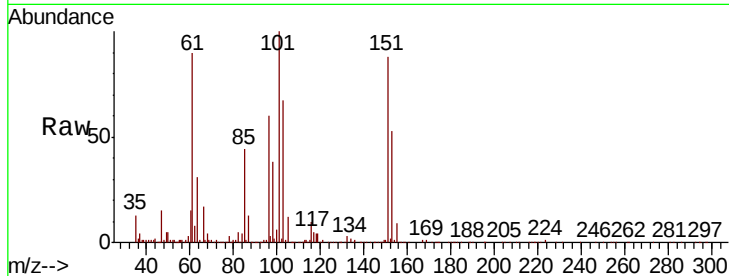
Tot Ion:101 Resp: 67845

Ion Ratio Lower Upper

101 100

85 42.1 0.0 86.6

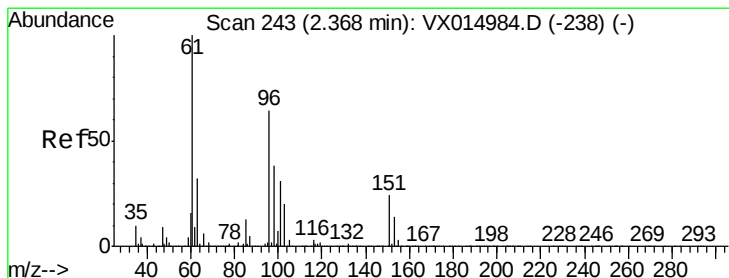
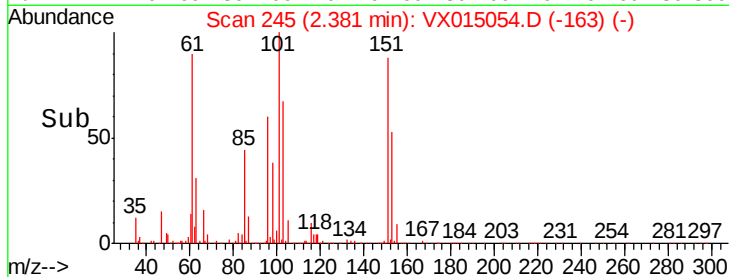
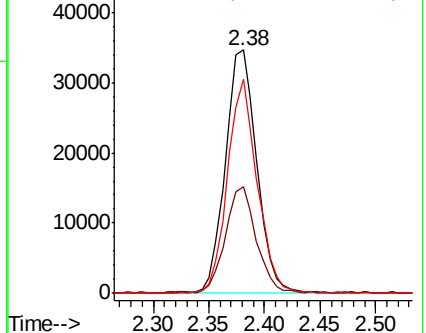
151 83.2 0.0 167.4



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: 18.431 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

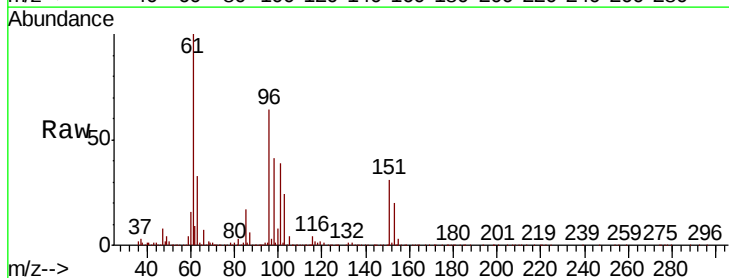
Tgt Ion: 96 Resp: 65448

Ion Ratio Lower Upper

96 100

61 157.4 126.1 189.1

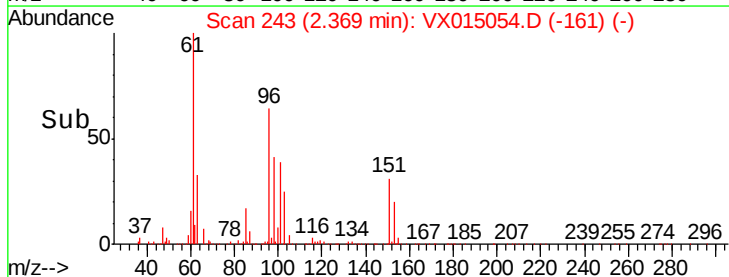
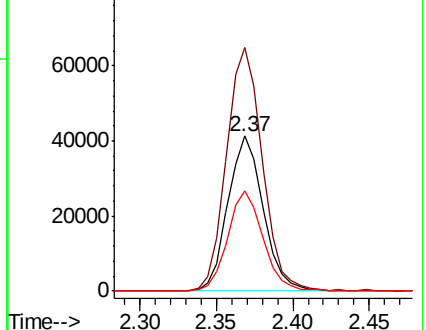
98 64.7 48.2 72.2

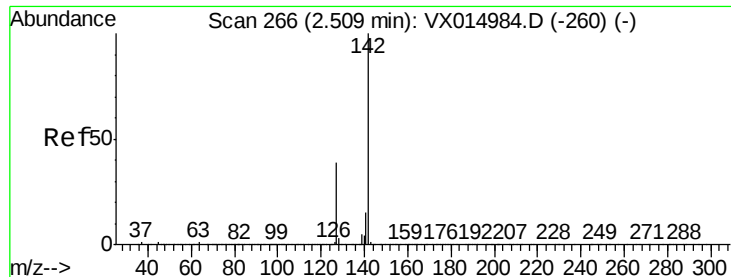


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

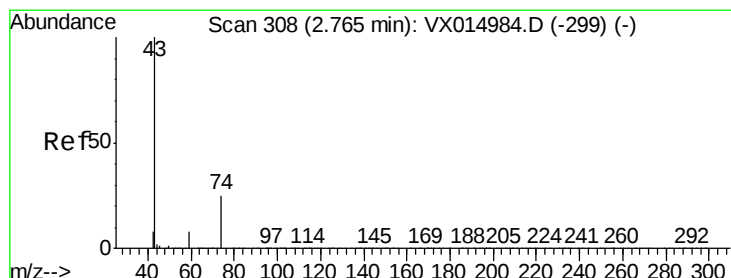
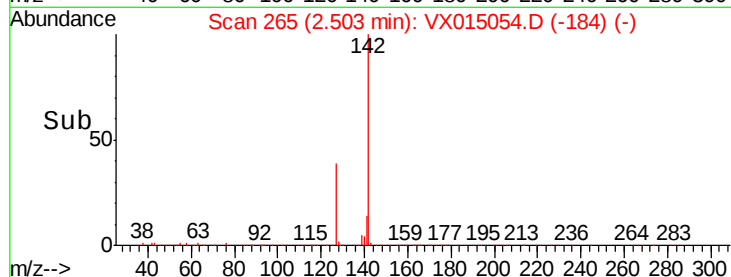
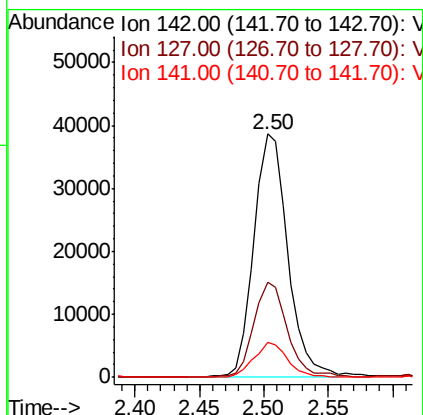
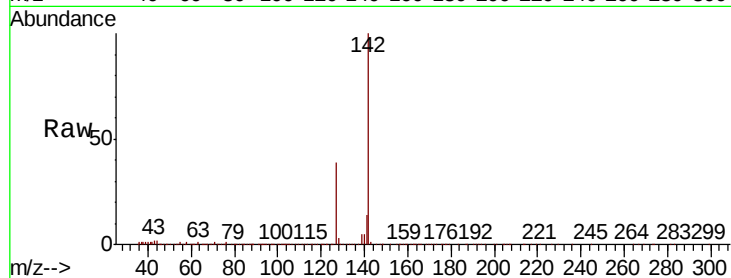




#11
Methvl Iodide
Concen: 16.236 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

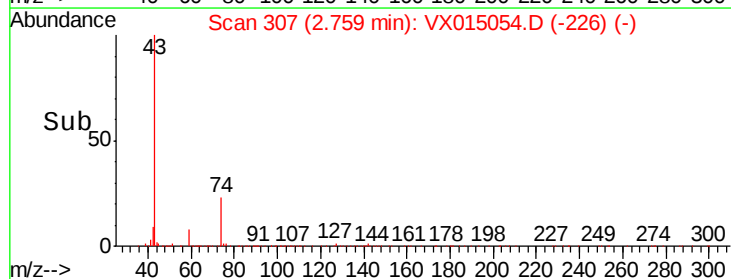
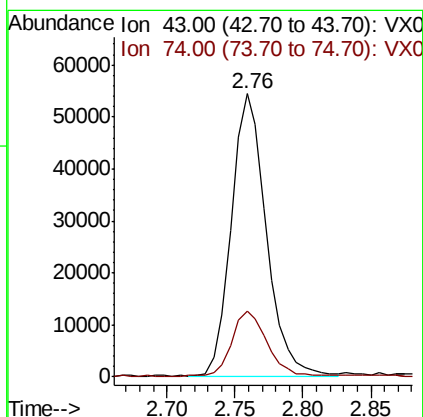
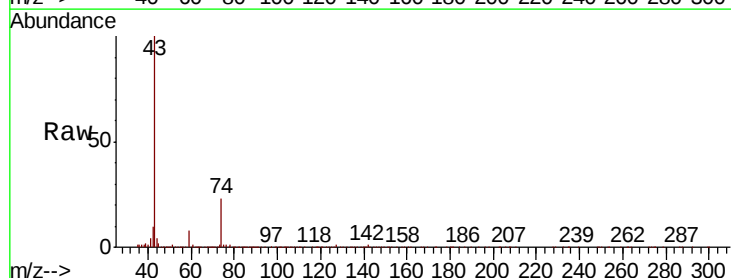
Instrument :
MSVOA_X
ClientSampleId :

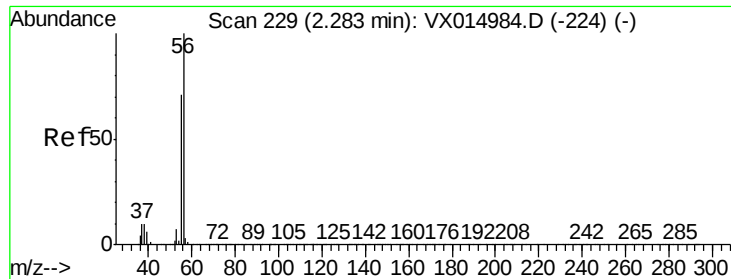
Tot Ion:142 Resp: 70056
Ion Ratio Lower Upper
142 100
127 38.4 19.7 59.0
141 14.1 7.4 22.2



#12
Methyl Acetate
Concen: 21.986 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 43 Resp: 97154
Ion Ratio Lower Upper
43 100
74 22.8 19.8 29.8





#13

Acrolein

Concen: 91.136 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

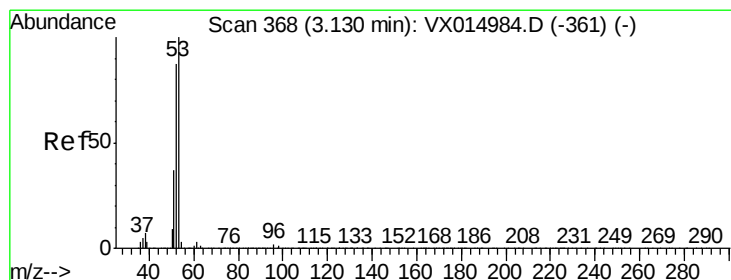
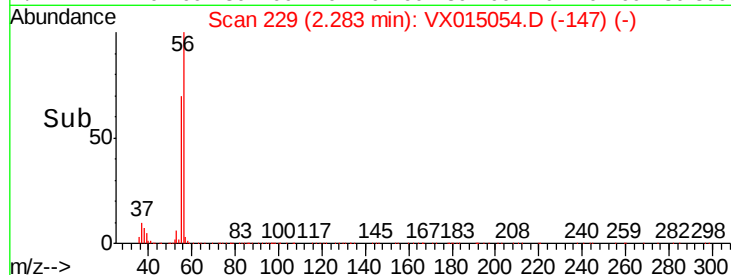
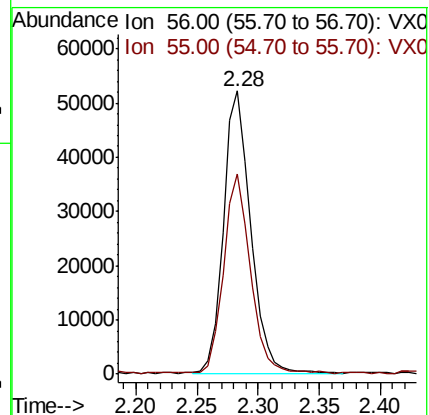
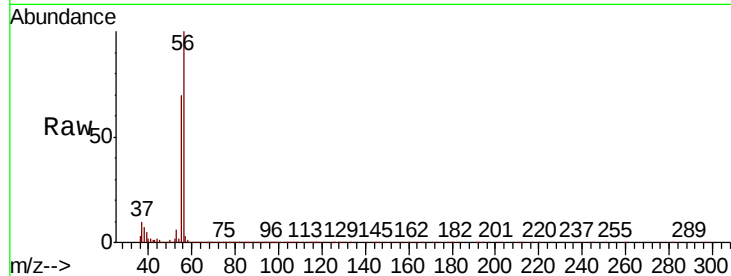
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 80093

Ion Ratio Lower Upper

56 100

55 69.0 56.2 84.2



#14

Acrylonitrile

Concen: 107.584 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

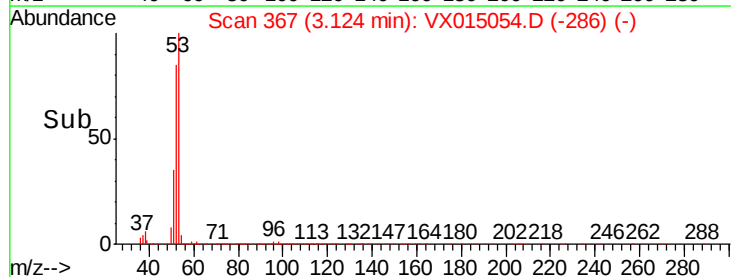
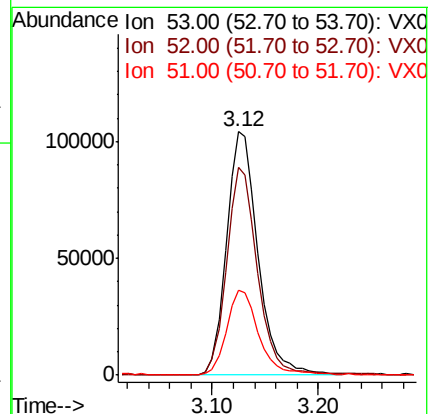
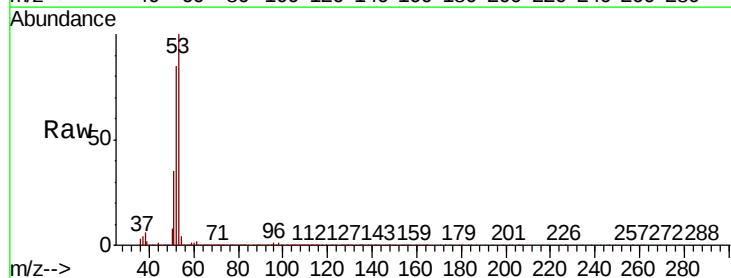
Tgt Ion: 53 Resp: 214696

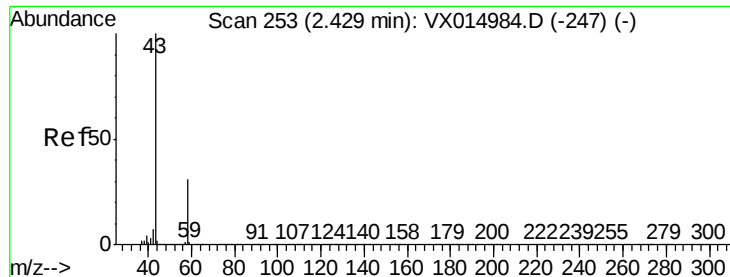
Ion Ratio Lower Upper

53 100

52 82.8 41.5 124.6

51 35.7 18.1 54.4





#15

Acetone

Concen: 87.004 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

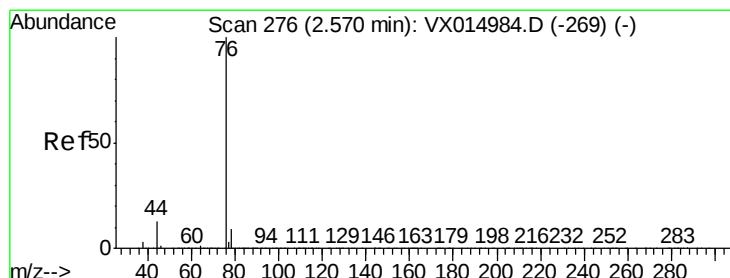
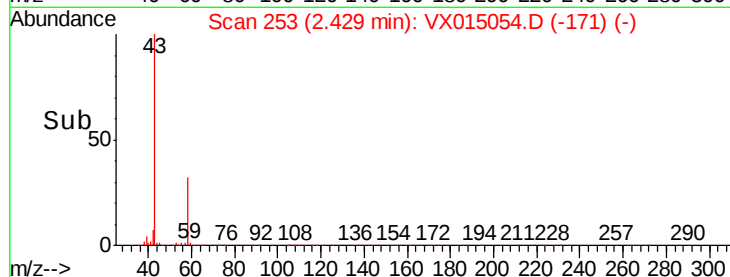
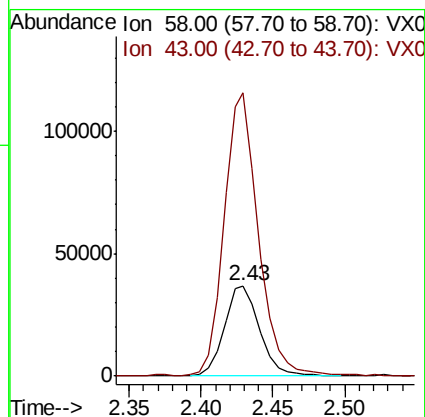
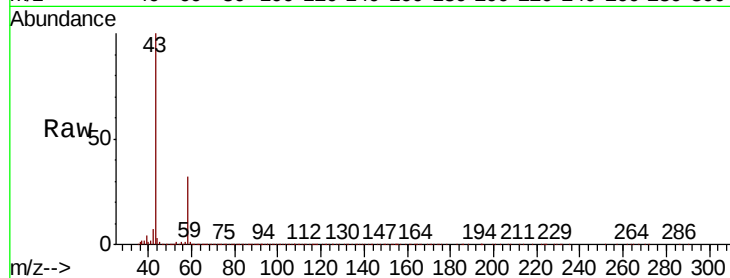
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 62136

Ion Ratio Lower Upper

58 100

43 312.0 257.7 386.5



#16

Carbon Disulfide

Concen: 18.279 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015054.D

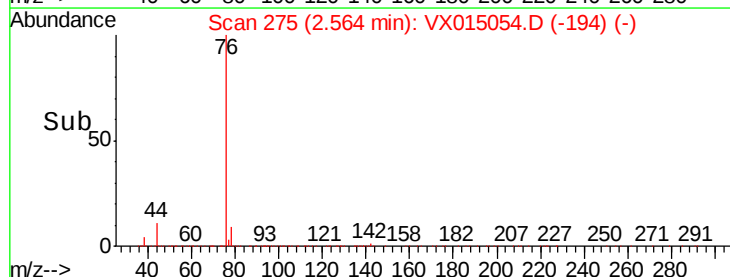
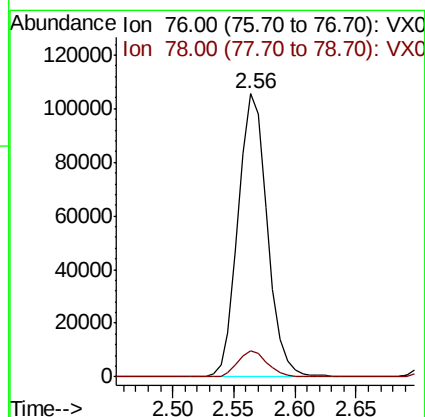
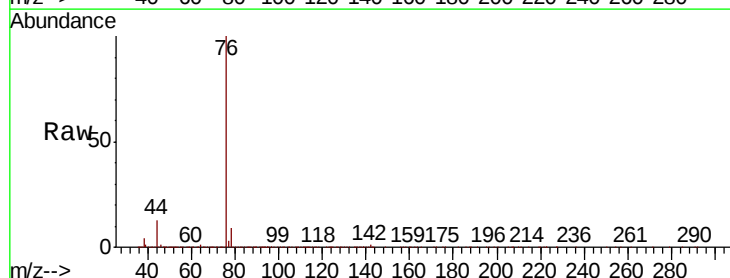
Acq: 28 Feb 2020 11:26

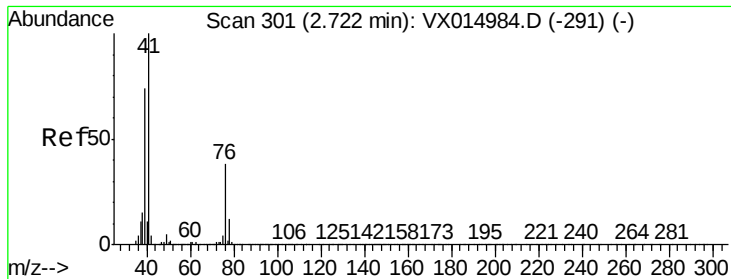
Tgt Ion: 76 Resp: 174523

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

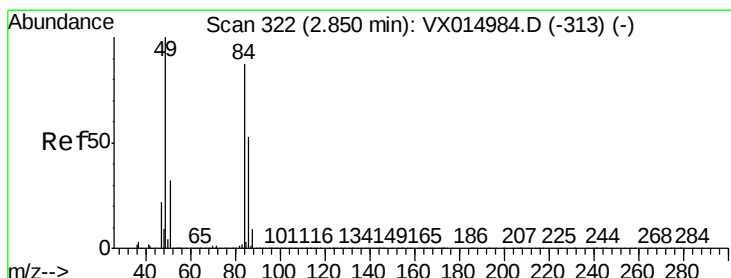
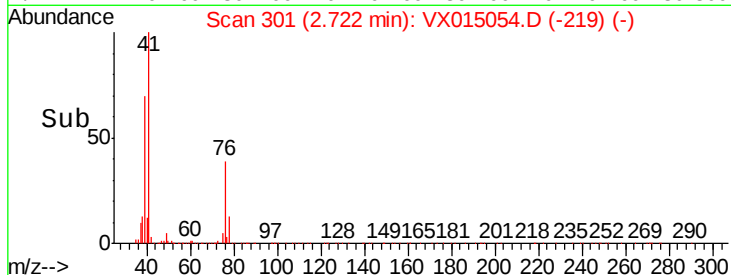
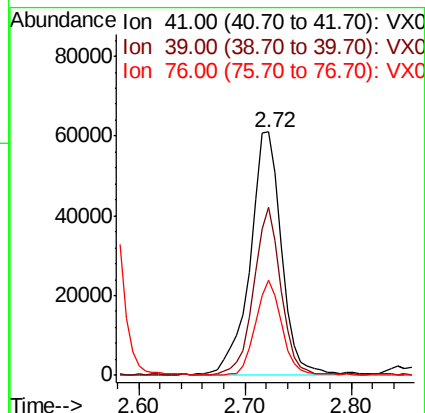
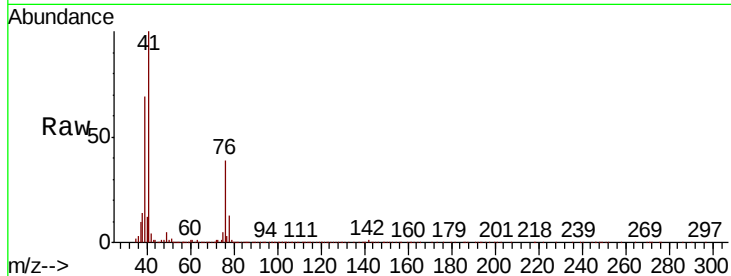




#17
Allvl chloride
Concen: 20.349 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

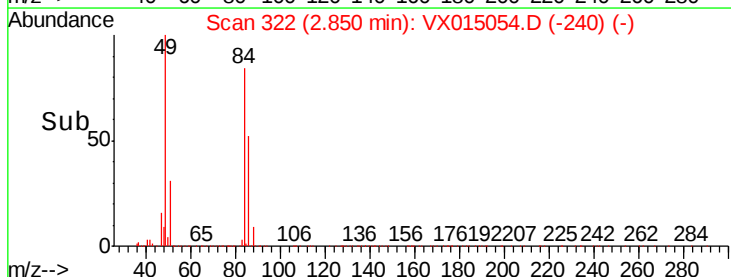
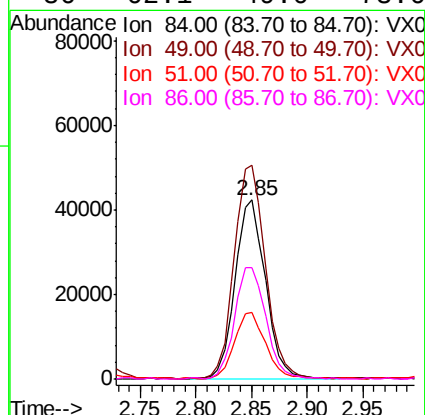
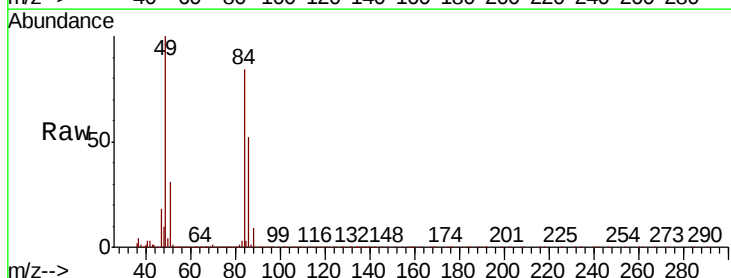
Instrument :
MSVOA_X
ClientSampleId :

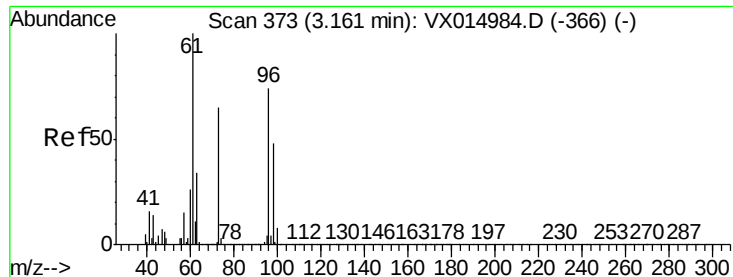
Tot Ion: 41 Resp: 125699
Ion Ratio Lower Upper
41 100
39 69.2 37.1 111.5
76 38.9 18.8 56.4



#18
Methylene Chloride
Concen: 19.387 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 84 Resp: 79321
Ion Ratio Lower Upper
84 100
49 119.4 92.2 138.2
51 37.0 29.7 44.5
86 62.1 49.0 73.6

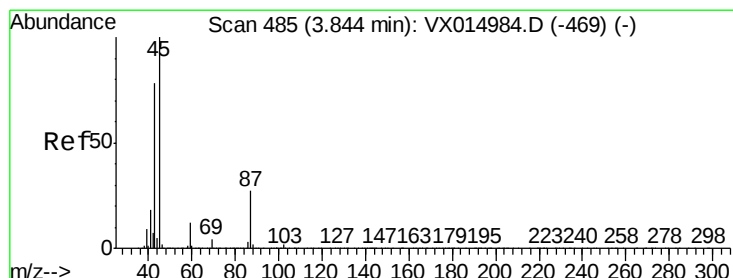
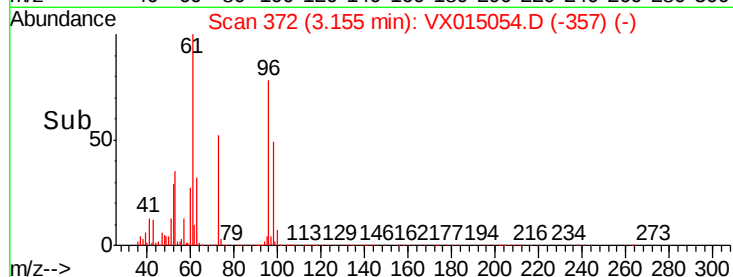
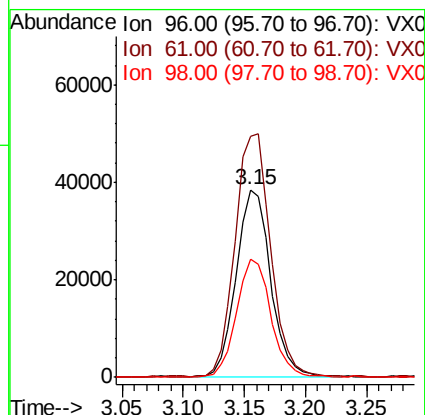
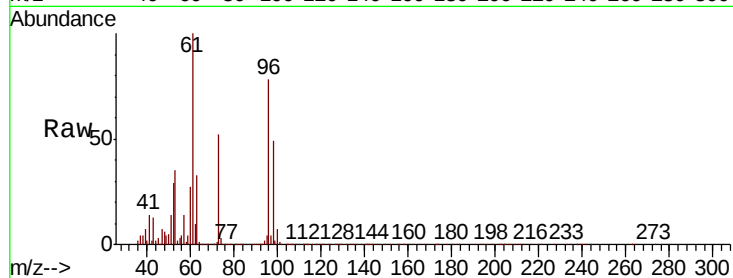




#19
trans-1,2-Dichloroethene
Concen: 19.252 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

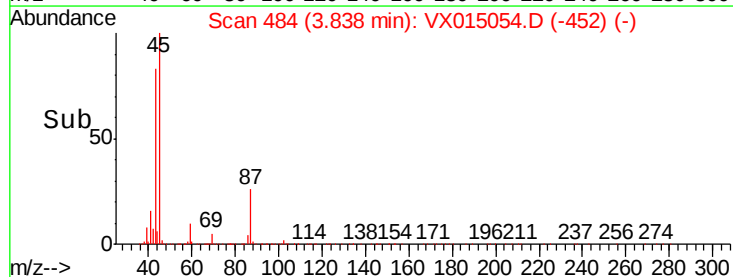
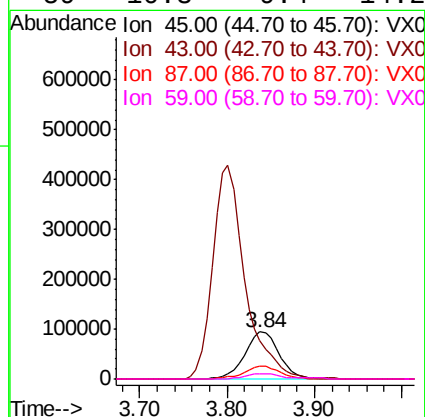
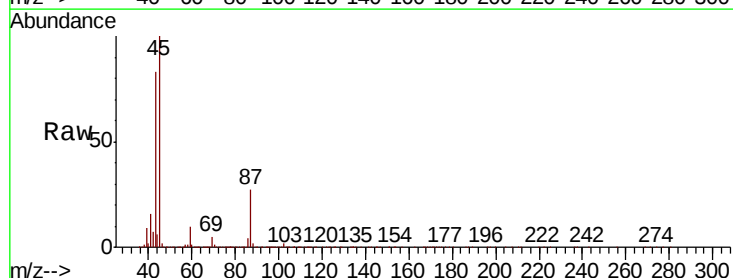
Instrument :
MSVOA_X
ClientSampleId :

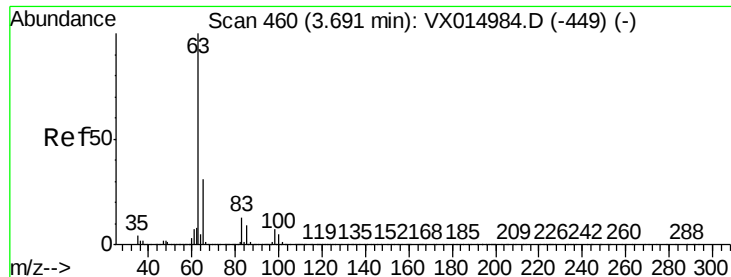
Tot Ion: 96 Resp: 75090
Ion Ratio Lower Upper
96 100
61 128.2 107.1 160.7
98 62.8 51.4 77.2



#20
Diisopropyl ether
Concen: 20.575 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 45 Resp: 259563
Ion Ratio Lower Upper
45 100
43 82.0 62.3 93.5
87 26.4 21.8 32.6
59 10.3 9.4 14.2





#21

1,1-Dichloroethane

Concen: 19.328 ug/l

RT: 3.69 min Scan# 459

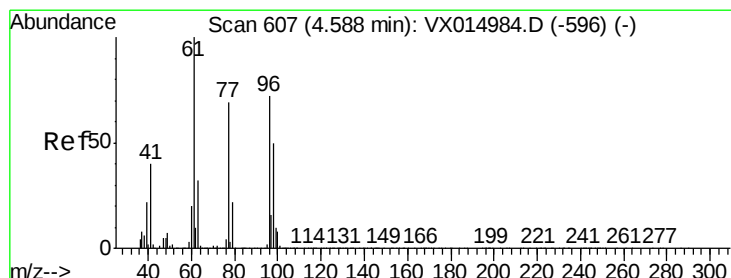
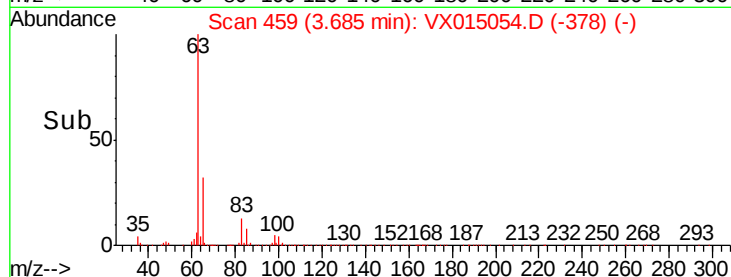
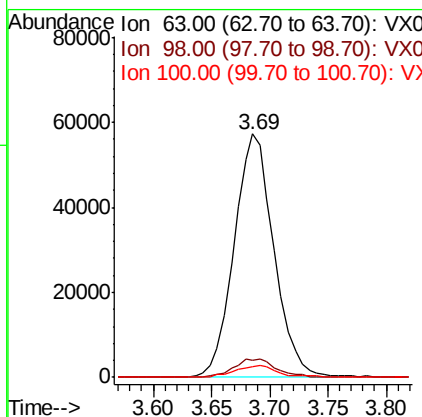
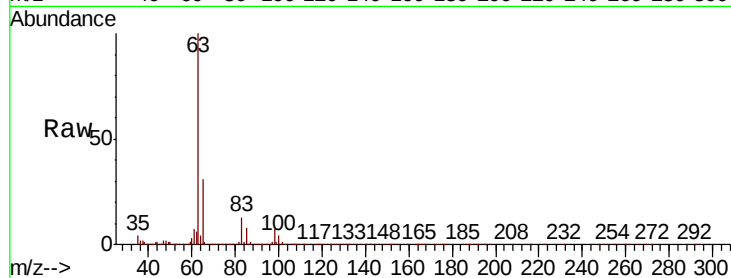
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	133661
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.5
100	4.1	2.5	7.5



#22

cis-1,2-Dichloroethene

Concen: 19.287 ug/l

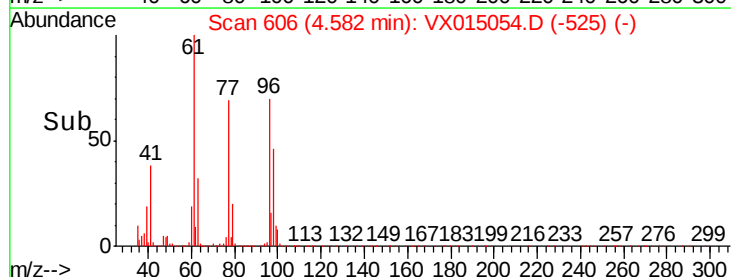
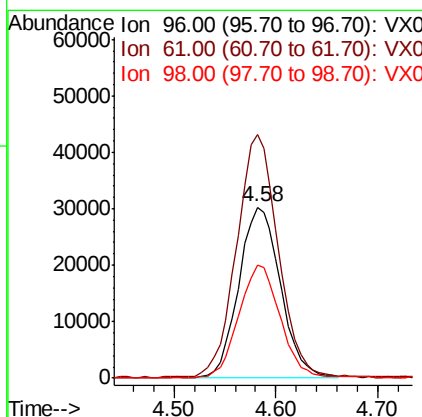
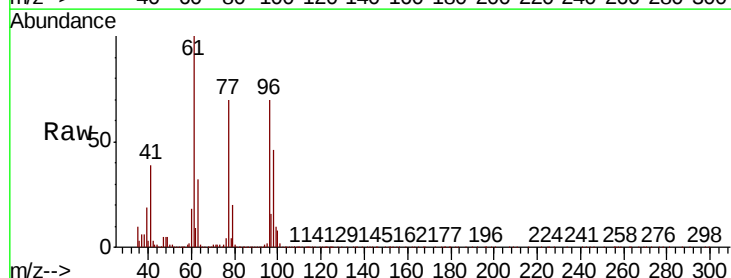
RT: 4.58 min Scan# 606

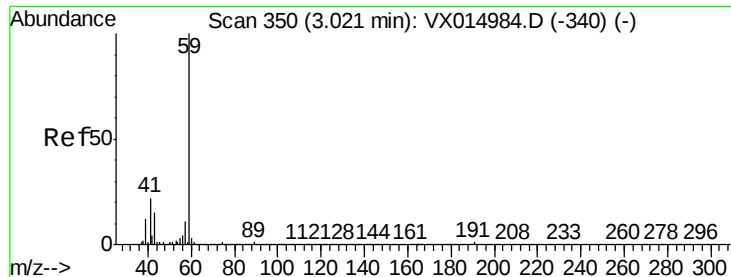
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	96	Resp:	86084
Ion	Ratio	Lower	Upper
96	100		
61	141.2	110.6	165.8
98	65.0	50.4	75.6



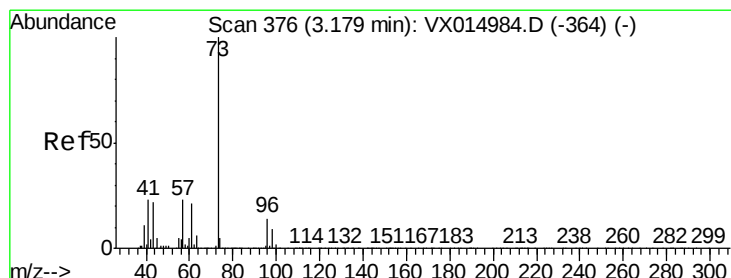
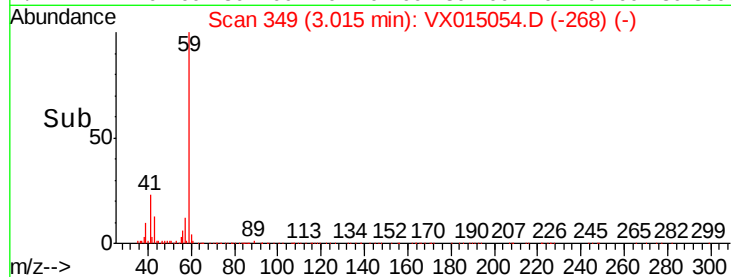
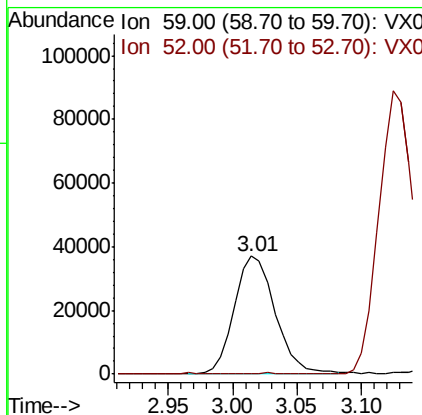
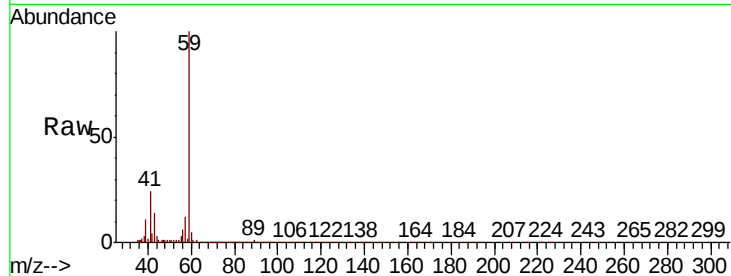


#23

tert-Butyl Alcohol
 Concen: 102.698 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampleId :

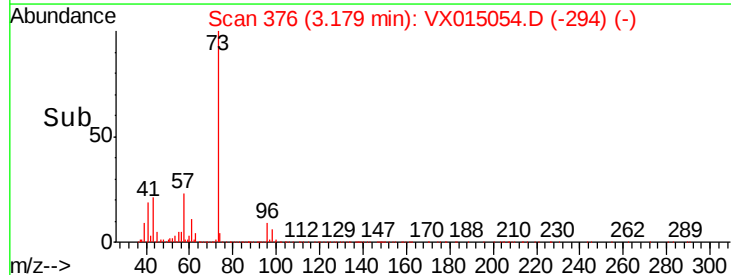
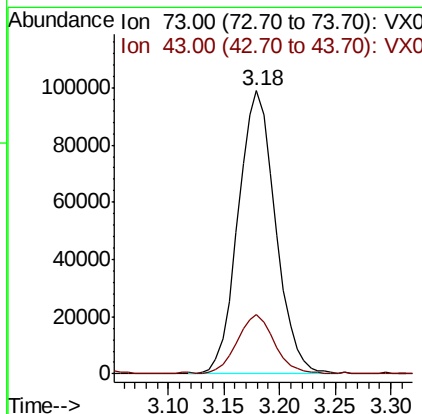
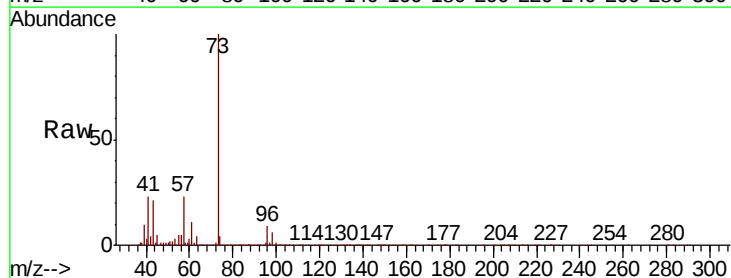
Tot Ion: 59 Resp: 81241
 Ion Ratio Lower Upper
 59 100
 52 0.5 0.4 0.6

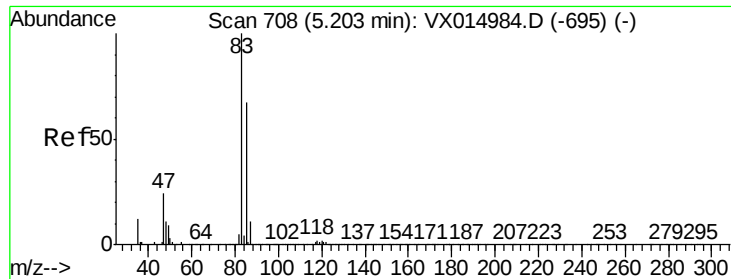


#24

Methyl tert-Butyl Ether
 Concen: 19.453 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion: 73 Resp: 229829
 Ion Ratio Lower Upper
 73 100
 43 20.5 17.7 26.5





#25

Chloroform

Concen: 19.197 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

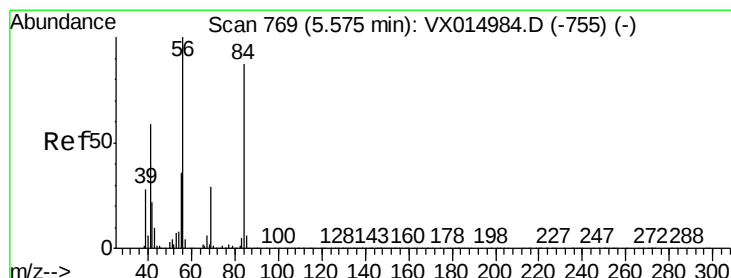
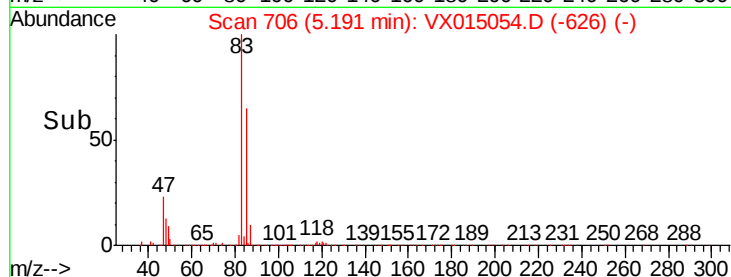
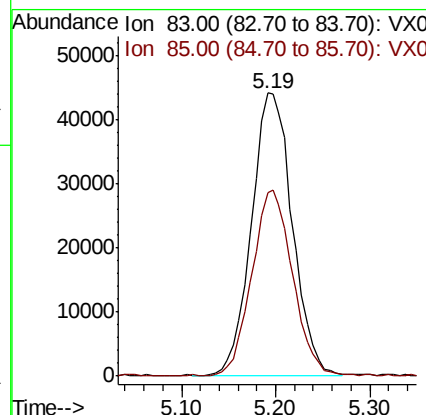
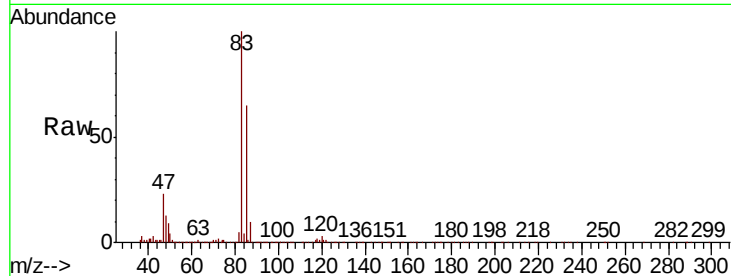
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 133878

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.0



#26

Cyclohexane

Concen: 19.856 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

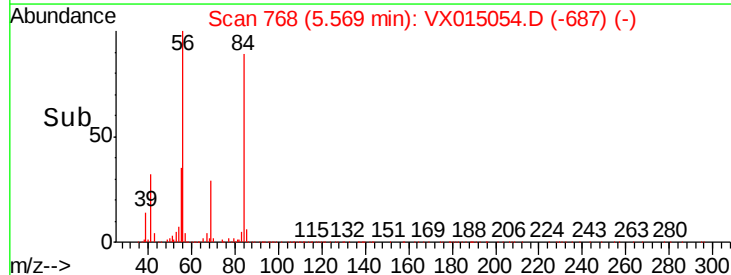
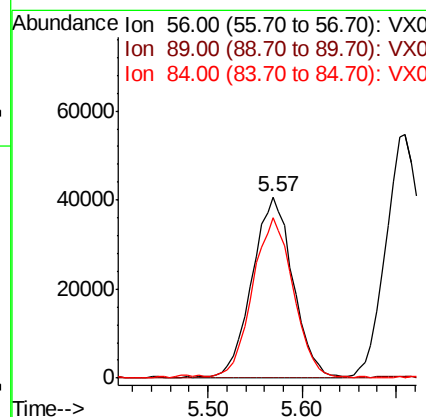
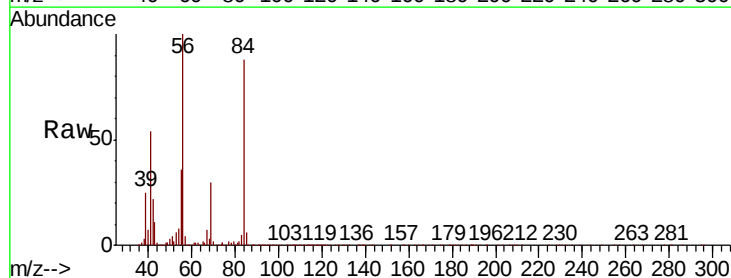
Tgt Ion: 56 Resp: 122724

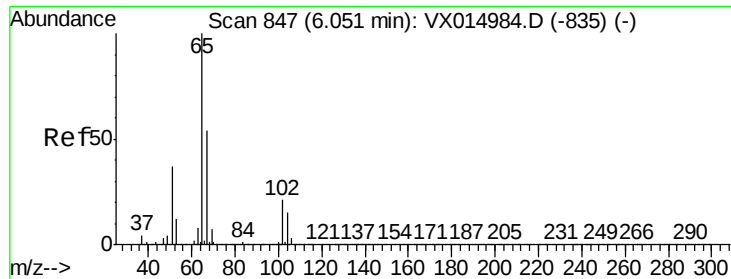
Ion Ratio Lower Upper

56 100

89 0.1 0.2 0.2#

84 88.3 71.8 107.8

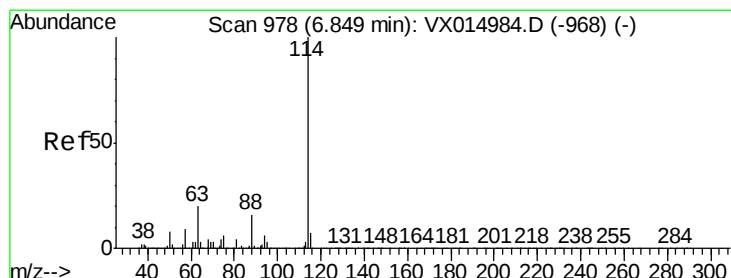
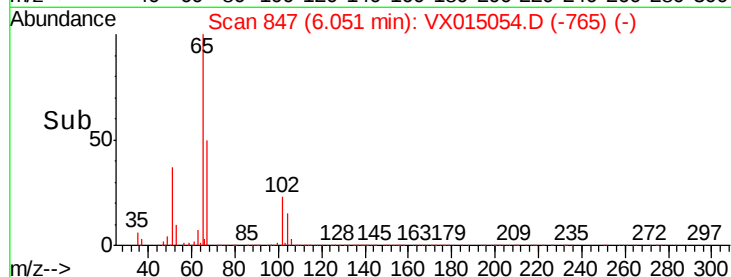
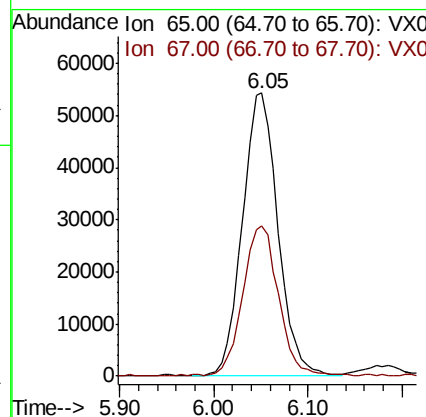
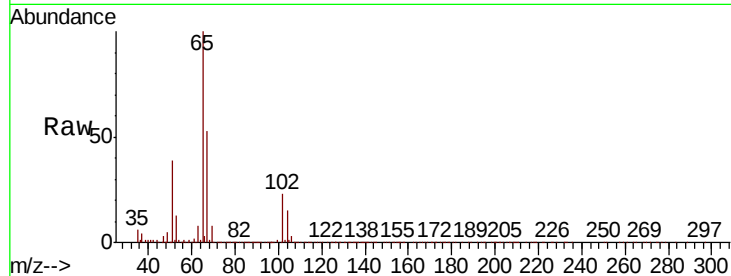




#27
 1,2-Dichloroethane-d4
 Concen: 30.277 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

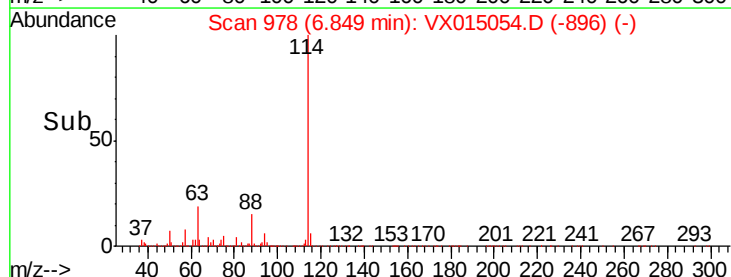
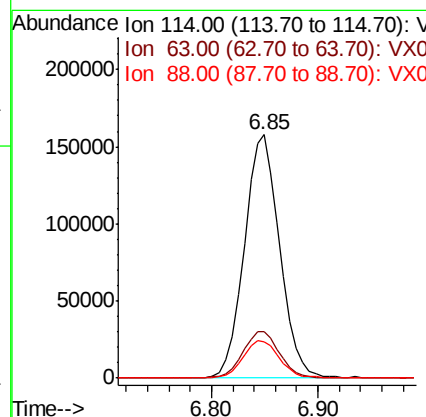
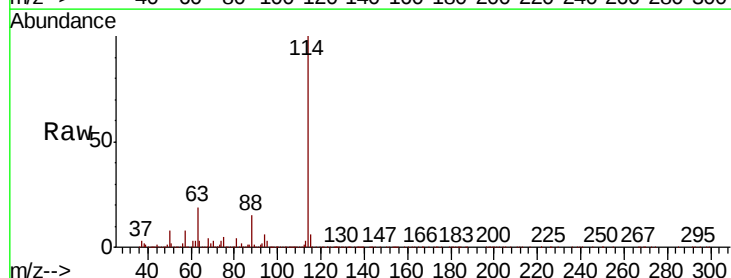
Instrument :
 MSVOA_X
 ClientSampleId :

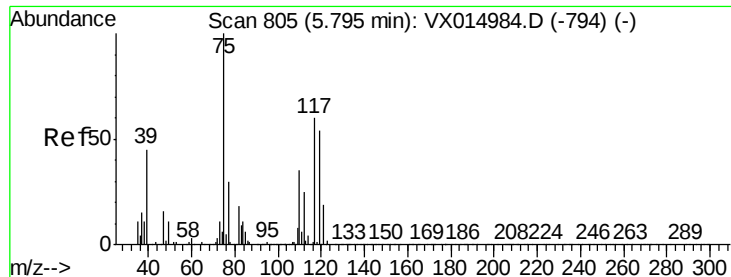
Tot Ion: 65 Resp: 142219
 Ion Ratio Lower Upper
 65 100
 67 53.2 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion: 114 Resp: 365661
 Ion Ratio Lower Upper
 114 100
 63 19.7 15.6 23.4
 88 15.8 12.2 18.2





#29

1,1-Dichloropropene

Concen: 19.897 ug/l

RT: 5.79 min Scan# 804

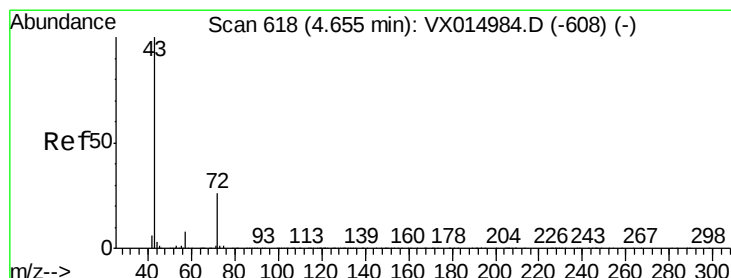
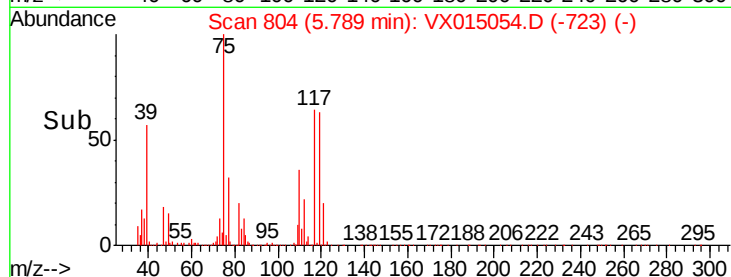
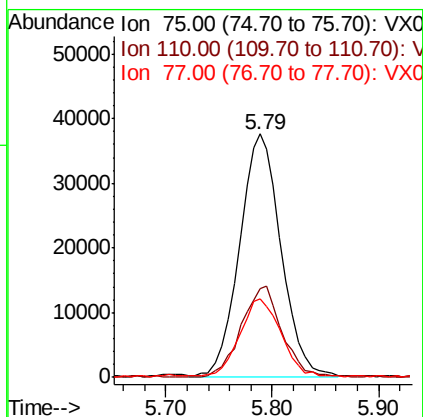
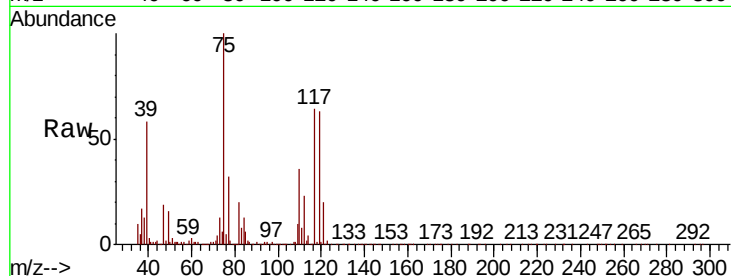
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	102906
Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	75.0
77	31.4	0.0	64.0



#30

2-Butanone

Concen: 101.322 ug/l

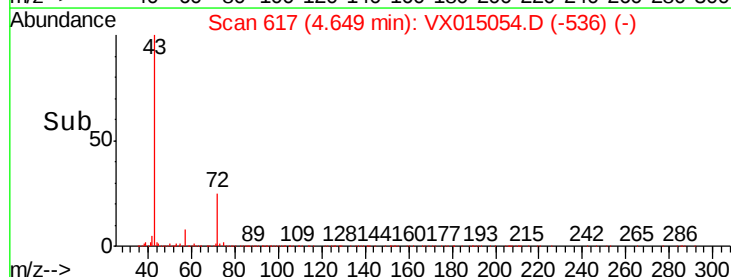
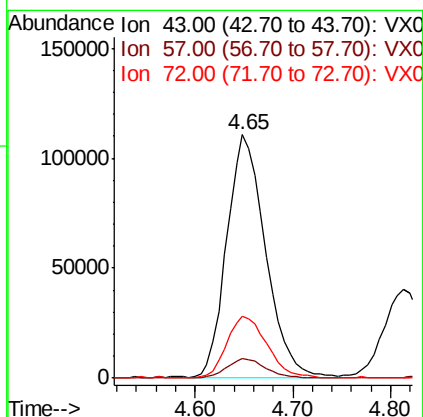
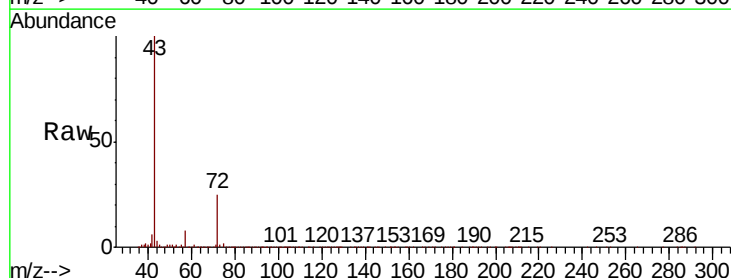
RT: 4.65 min Scan# 617

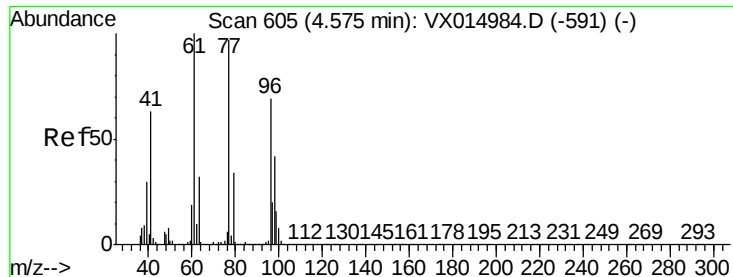
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	43	Resp:	302479
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.5	9.7
72	25.8	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.036 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

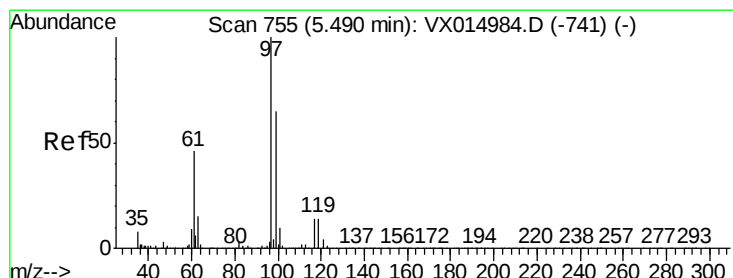
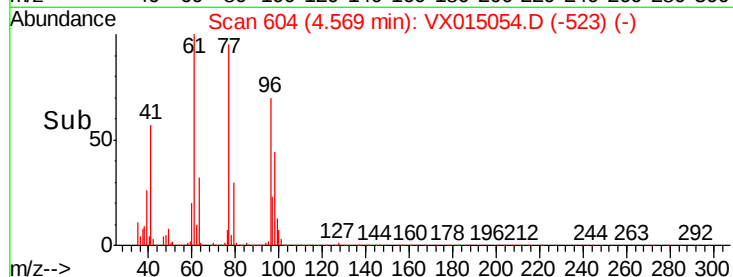
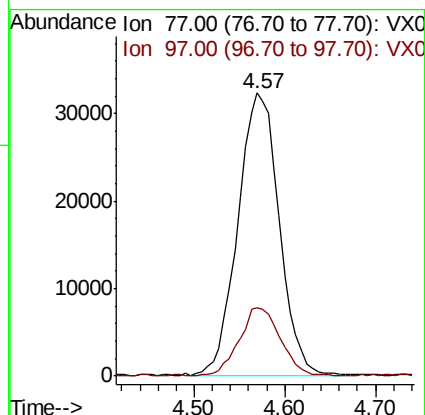
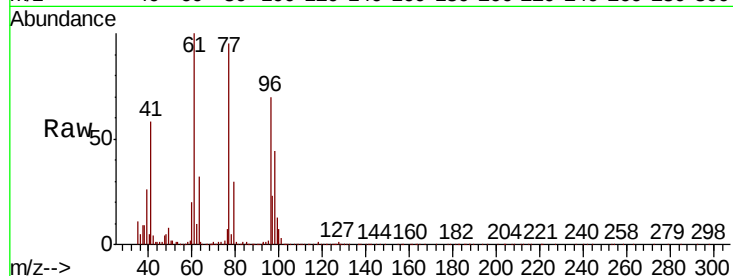
ClientSampleId :

Tot Ion: 77 Resp: 102429

Ion Ratio Lower Upper

77 100

97 24.3 18.4 27.6



#32

1,1,1-Trichloroethane

Concen: 18.775 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

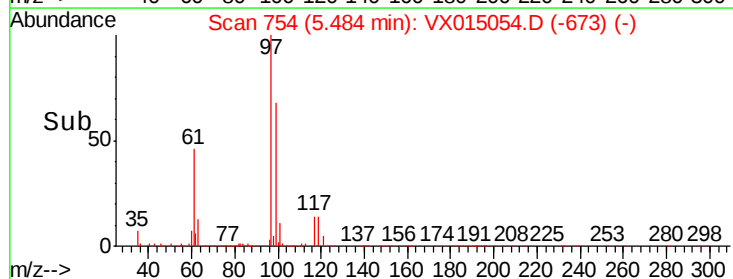
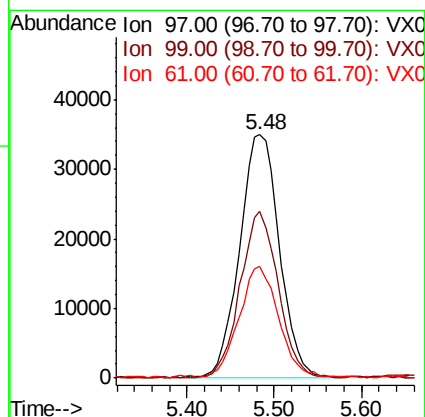
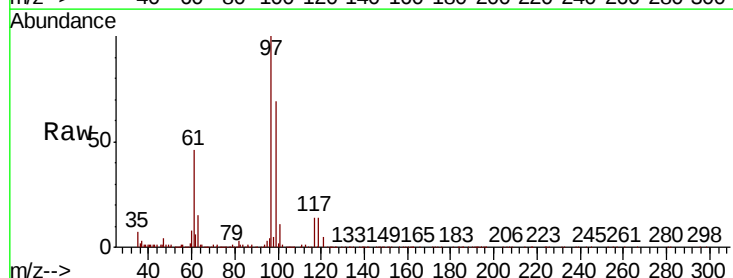
Tgt Ion: 97 Resp: 110277

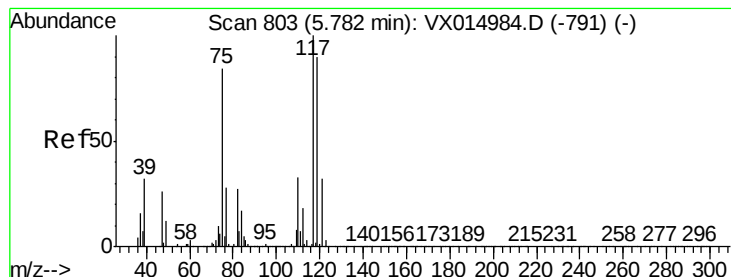
Ion Ratio Lower Upper

97 100

99 64.9 53.0 79.6

61 44.7 36.2 54.2





#33

Carbon Tetrachloride

Concen: 18.772 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

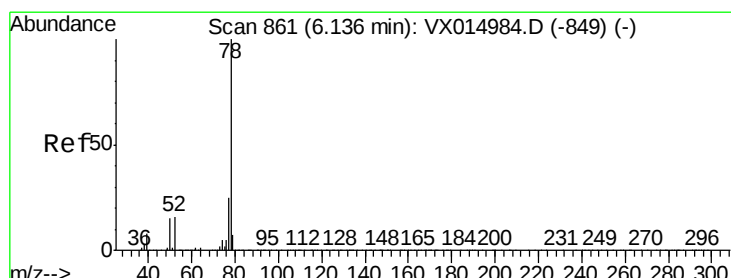
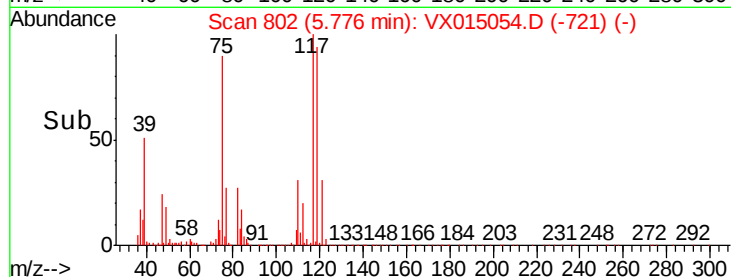
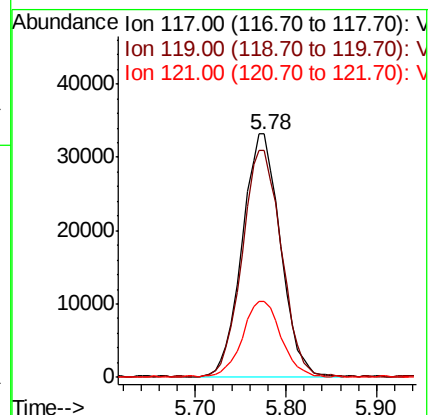
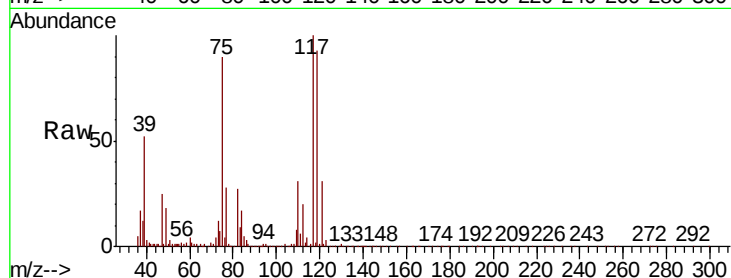
Tot Ion:117 Resp: 96516

Ion Ratio Lower Upper

117 100

119 93.4 71.9 107.9

121 31.0 25.4 38.2



#34

Benzene

Concen: 21.151 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

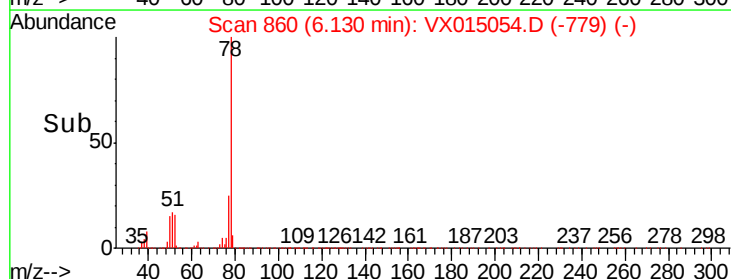
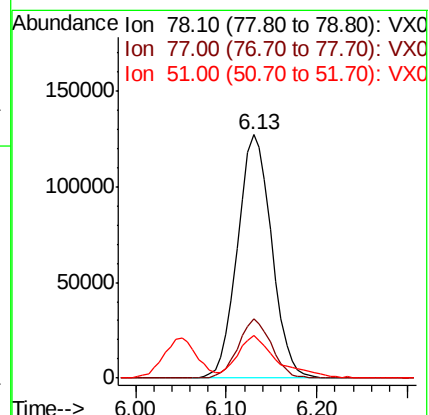
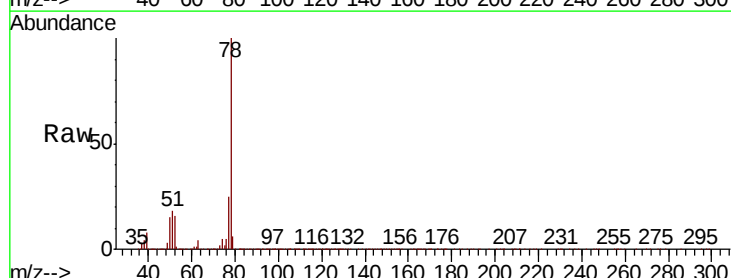
Tgt Ion: 78 Resp: 330086

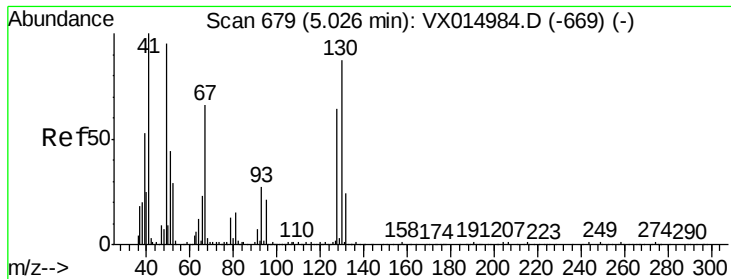
Ion Ratio Lower Upper

78 100

77 24.6 20.0 30.0

51 17.4 13.3 19.9

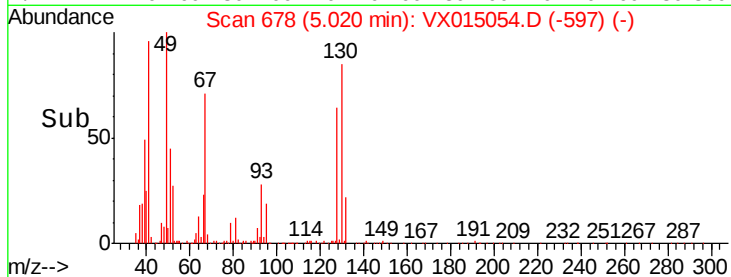
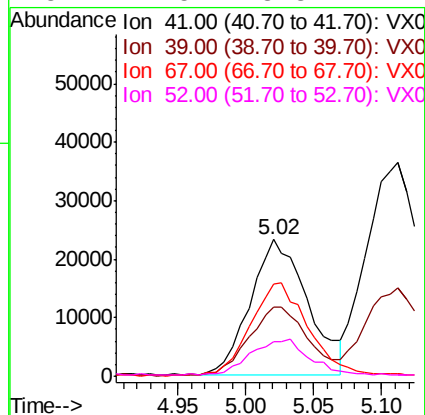
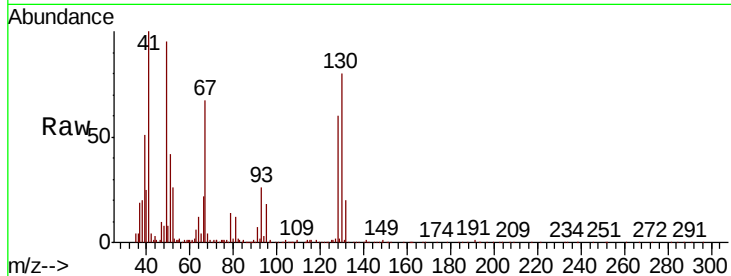




#35
Methacrylonitrile
Concen: 22.309 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

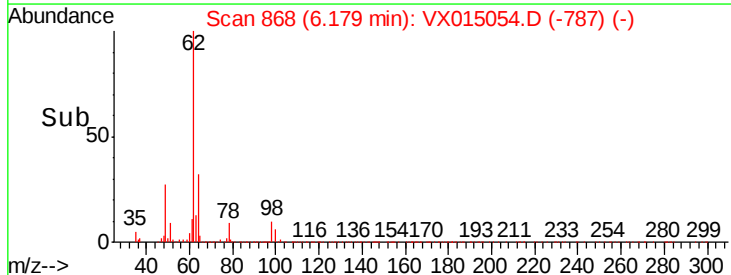
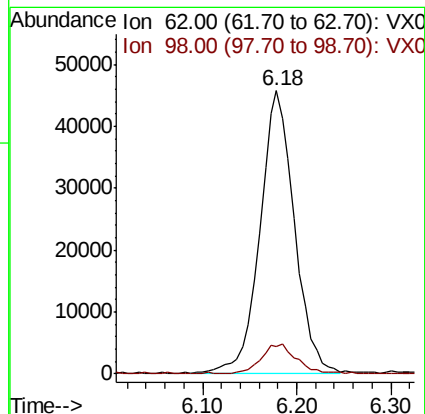
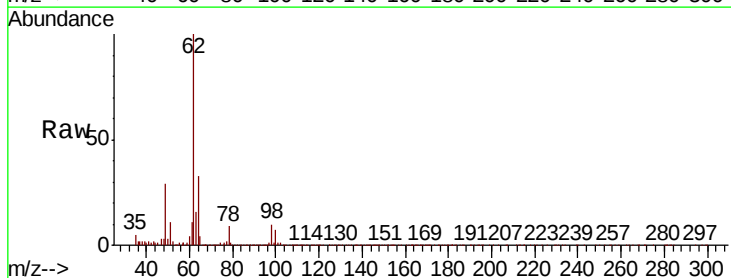
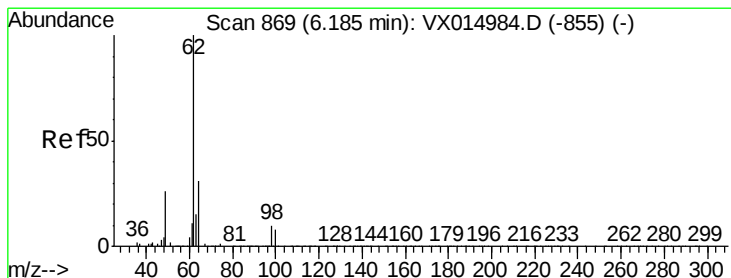
Instrument :
MSVOA_X
ClientSampleId :

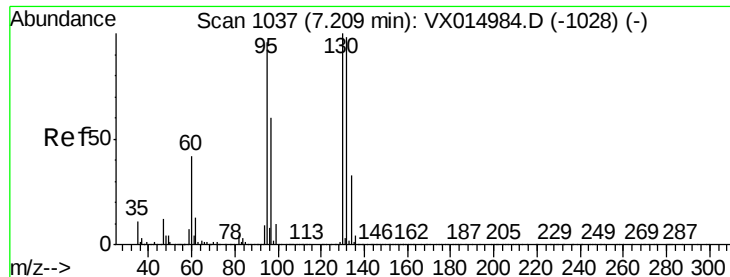
Tot Ion:	41	Resp:	67937
Ion	Ratio	Lower	Upper
41	100		
39	49.3	25.9	77.7
67	66.9	32.7	98.1
52	24.5	13.8	41.4



#36
1,2-Dichloroethane
Concen: 21.051 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion:	62	Resp:	116291
Ion	Ratio	Lower	Upper
62	100		
98	11.0	7.5	11.3

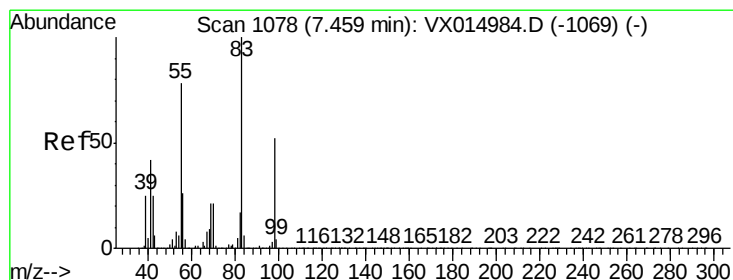
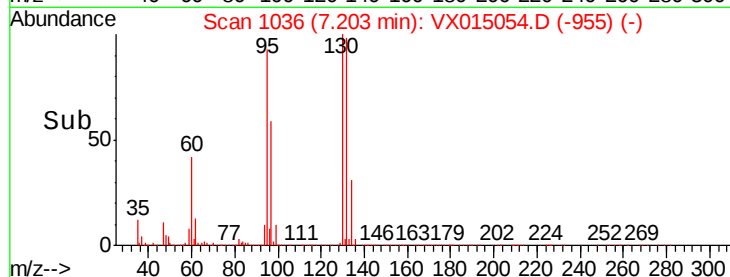
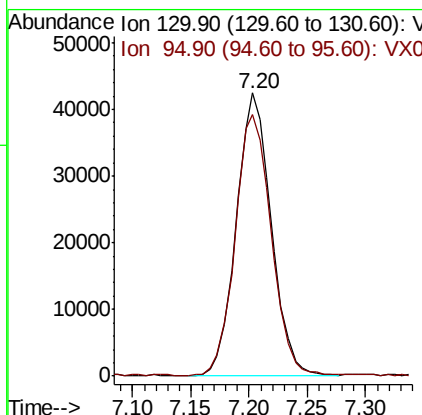
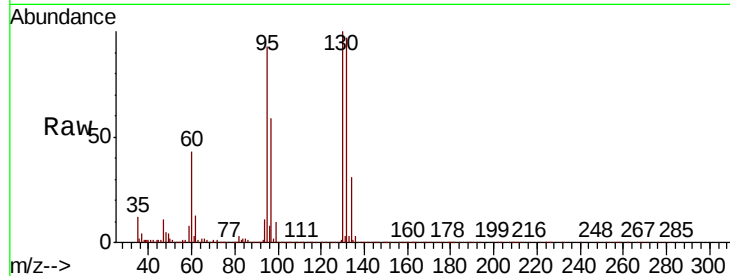




#37
 Trichloroethene
 Concen: 20.277 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

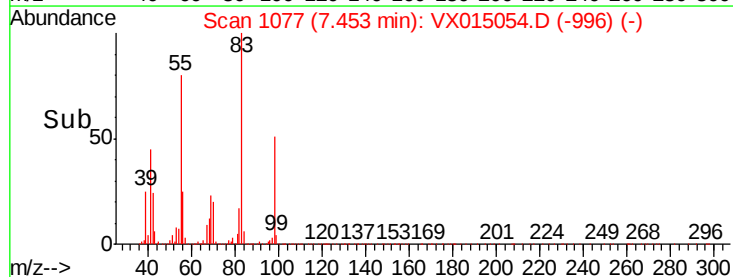
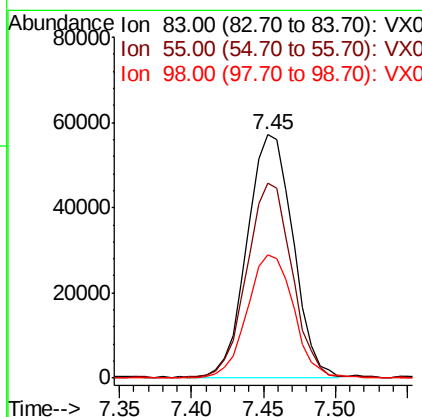
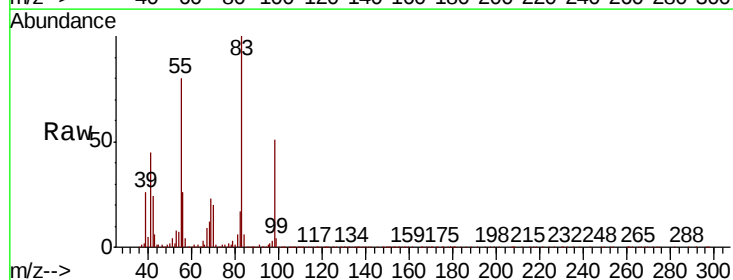
Instrument :
 MSVOA_X
 ClientSampleId :

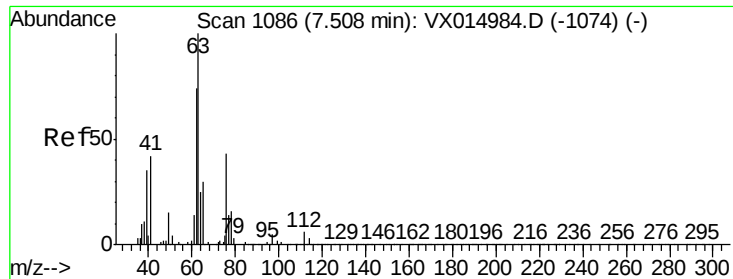
Tot Ion:130 Resp: 88849
 Ion Ratio Lower Upper
 130 100
 95 92.3 77.1 115.7



#38
 Methylcyclohexane
 Concen: 19.540 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion: 83 Resp: 125269
 Ion Ratio Lower Upper
 83 100
 55 79.1 38.2 114.6
 98 51.6 25.3 75.8

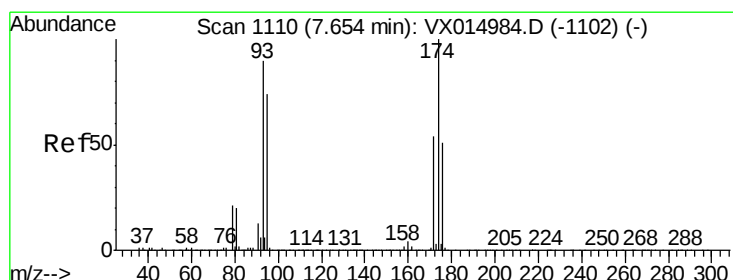
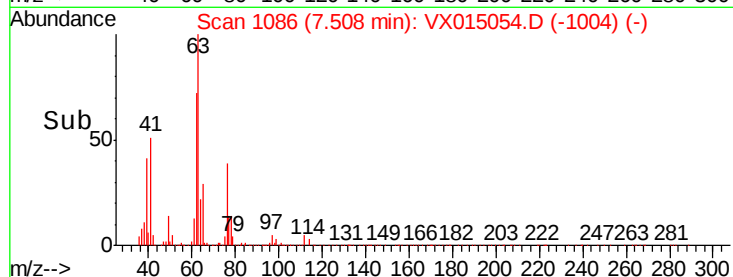
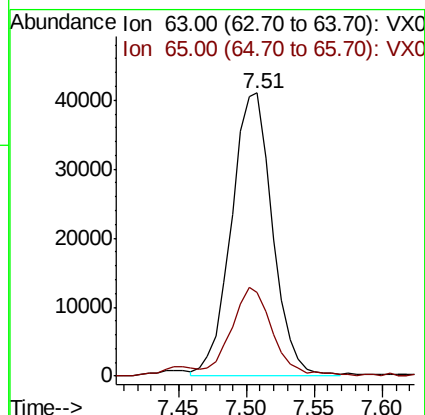
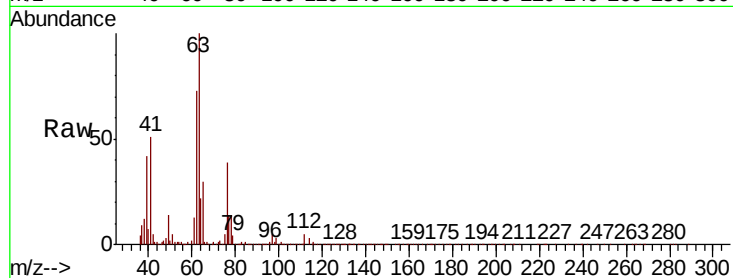




#39
 1,2-Dichloropropane
 Concen: 21.310 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

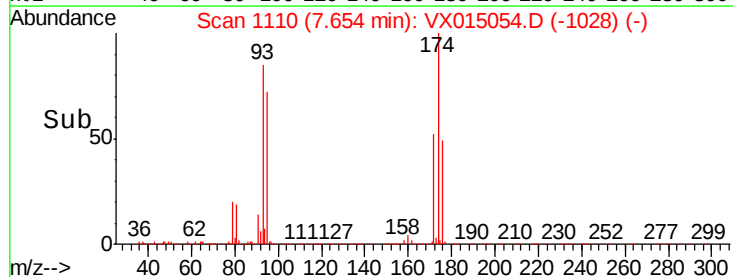
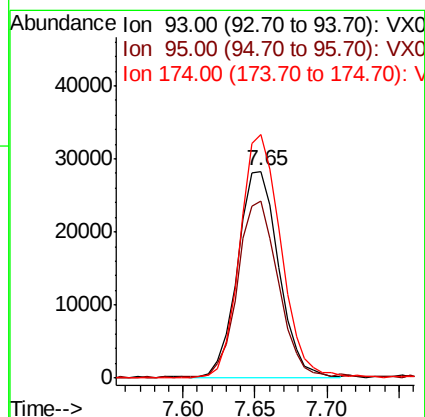
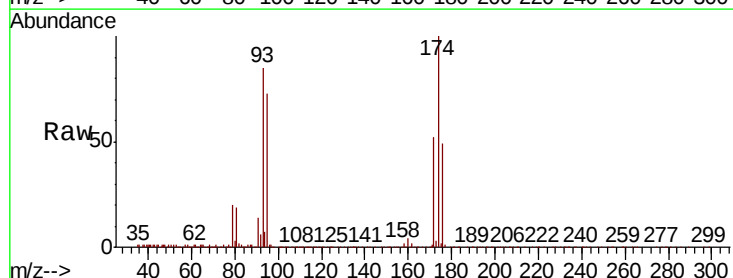
Instrument :
 MSVOA_X
 ClientSampled :

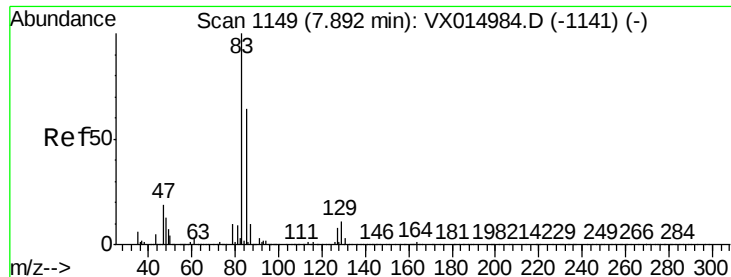
Tot Ion: 63 Resp: 85604
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.6 36.8



#40
 Dibromomethane
 Concen: 20.993 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion: 93 Resp: 56313
 Ion Ratio Lower Upper
 93 100
 95 84.0 0.0 164.6
 174 116.9 0.0 226.4





#41

Bromodichloromethane

Concen: 20.579 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

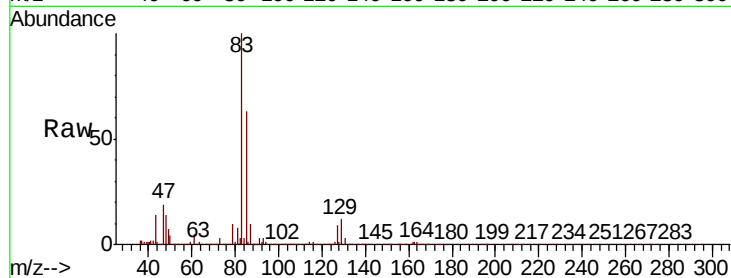
Tot Ion: 83 Resp: 109044

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.4

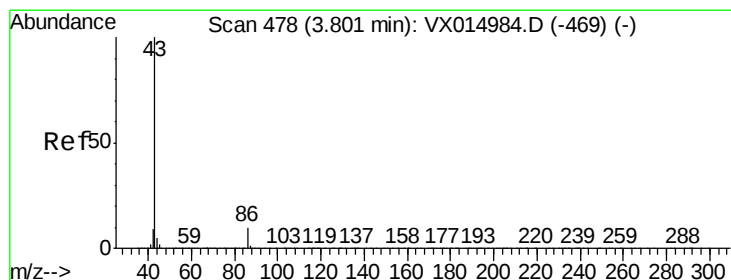
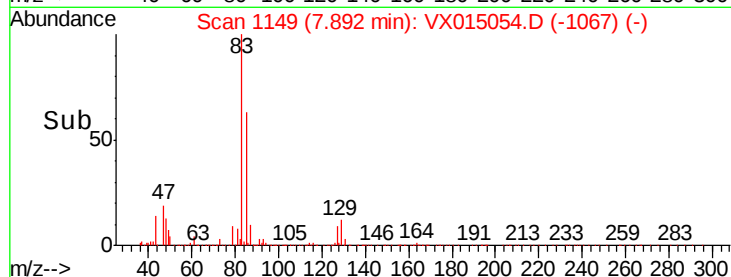
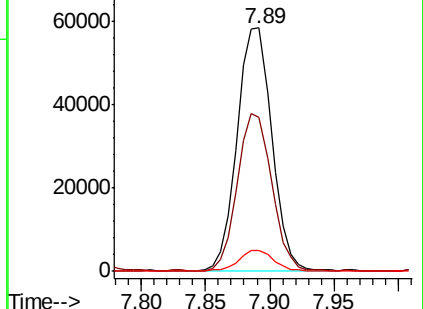
127 8.5 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 104.800 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015054.D

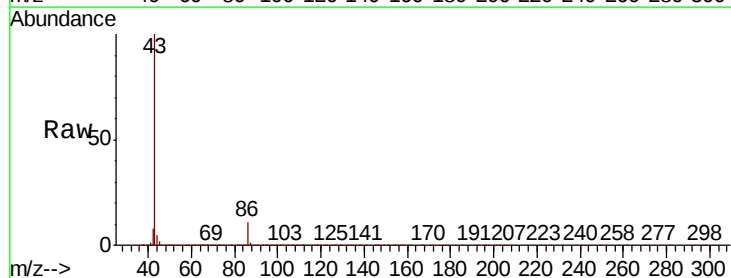
Acq: 28 Feb 2020 11:26

Tgt Ion: 43 Resp: 1101213

Ion Ratio Lower Upper

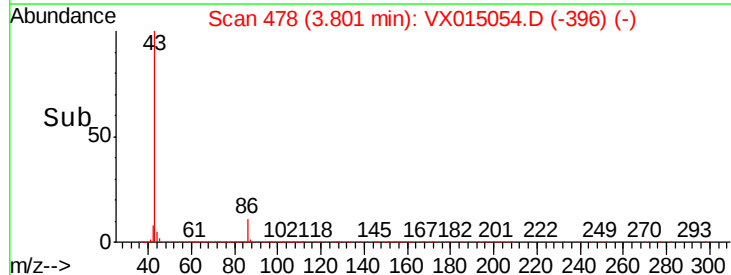
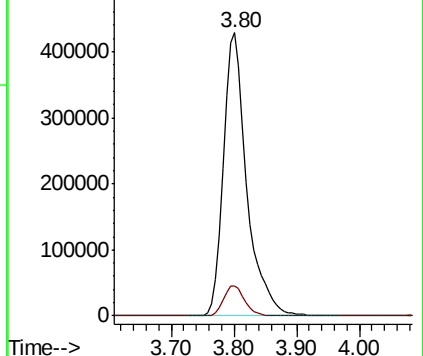
43 100

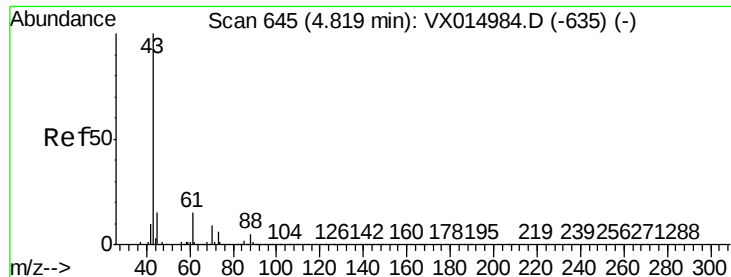
86 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

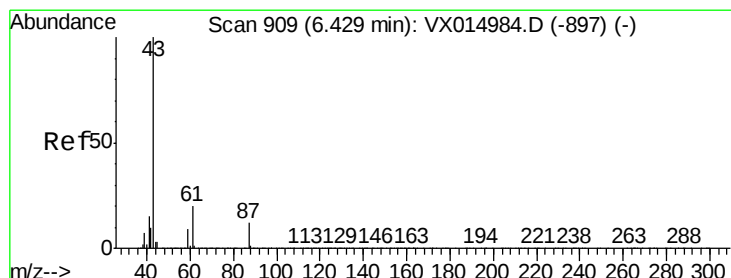
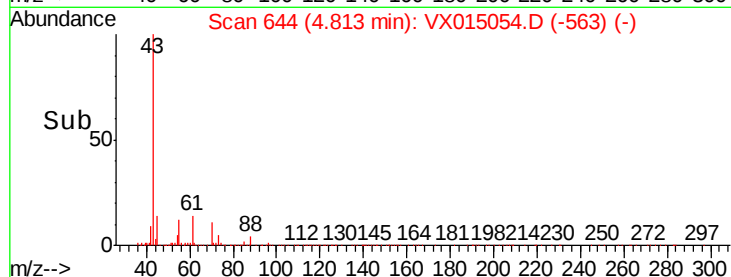
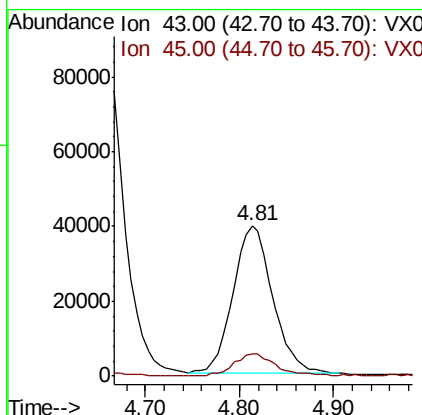
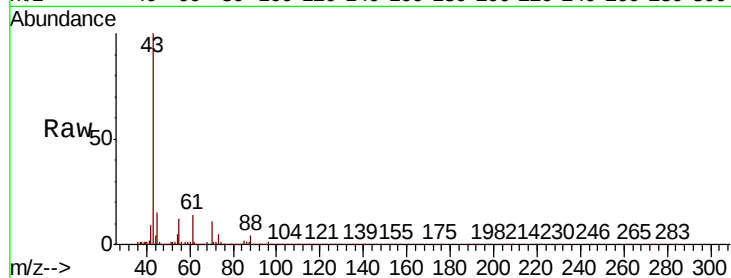




#43
Ethyl Acetate
Concen: 21.336 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

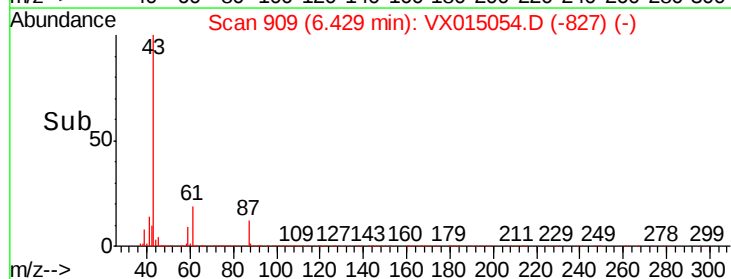
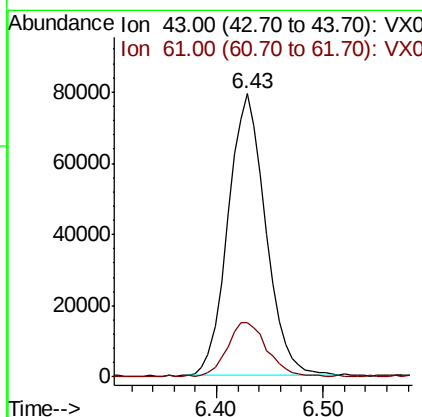
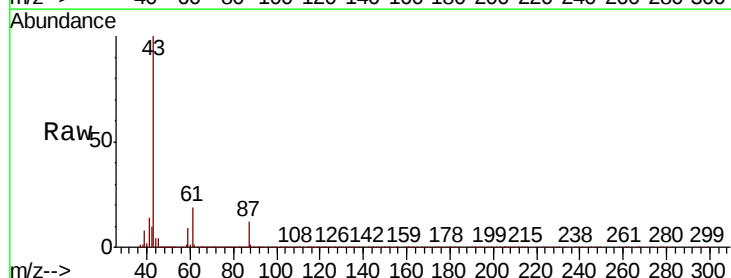
Instrument :
MSVOA_X
ClientSampleId :

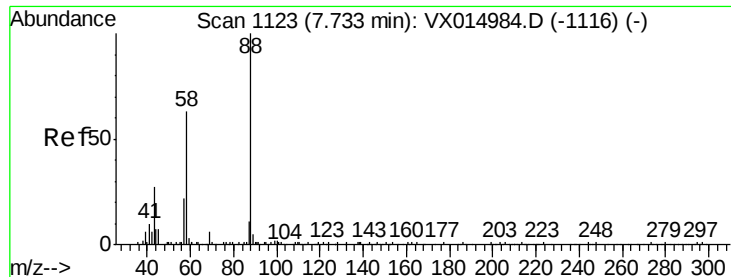
Tot Ion: 43 Resp: 115251
Ion Ratio Lower Upper
43 100
45 15.3 10.8 16.2



#44
Isopropyl Acetate
Concen: 21.527 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 43 Resp: 195480
Ion Ratio Lower Upper
43 100
61 20.0 15.6 23.4

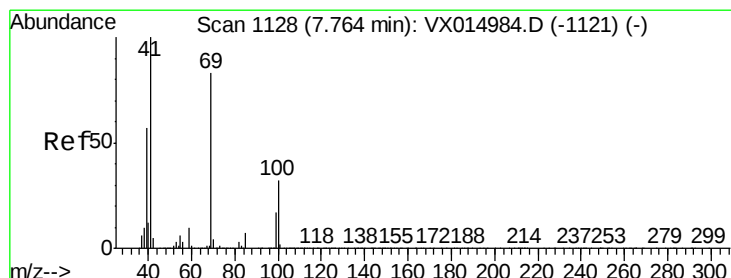
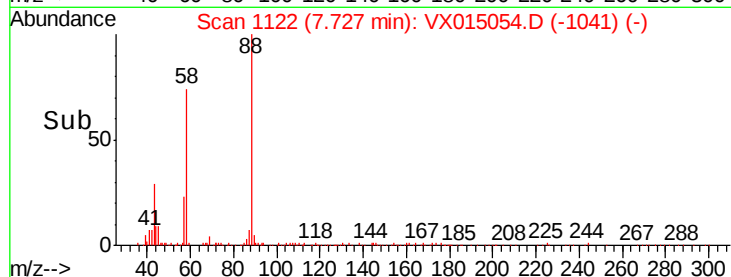
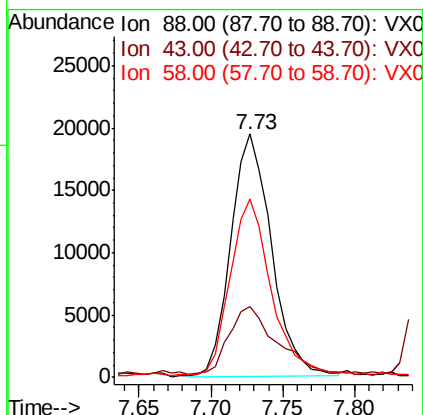
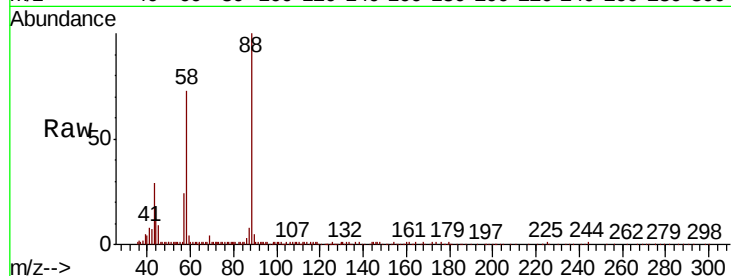




#45
1,4-Dioxane
Concen: 455.789 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

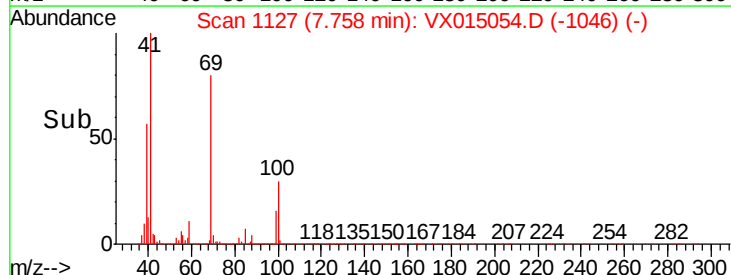
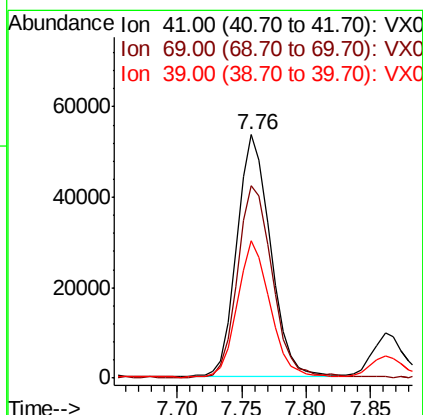
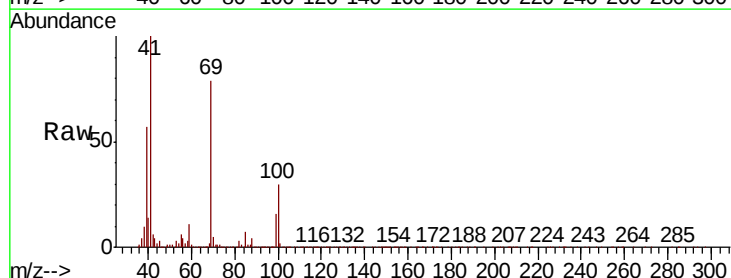
Instrument :
MSVOA_X
ClientSampled :

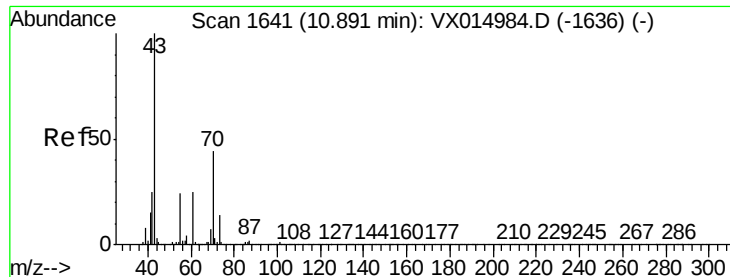
Tot Ion	88	Resp	38243
Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	72.6	55.8	83.8



#46
Methyl methacrylate
Concen: 21.430 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	41	Resp	96269
Ion	Ratio	Lower	Upper
41	100		
69	79.6	41.4	124.2
39	56.4	28.3	84.9





#47

n-amvl Acetate

Concen: 20.508 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

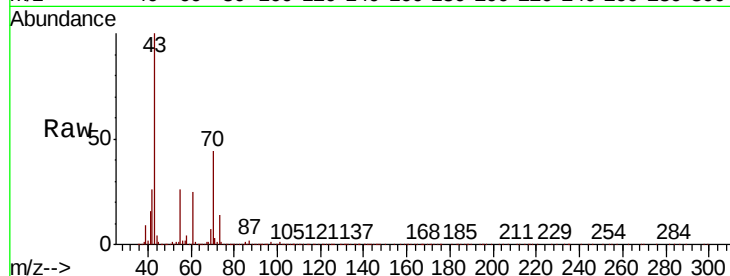
ClientSampleId :

Tot Ion: 43 Resp: 161328

Ion Ratio Lower Upper

43 100

55 25.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

150000

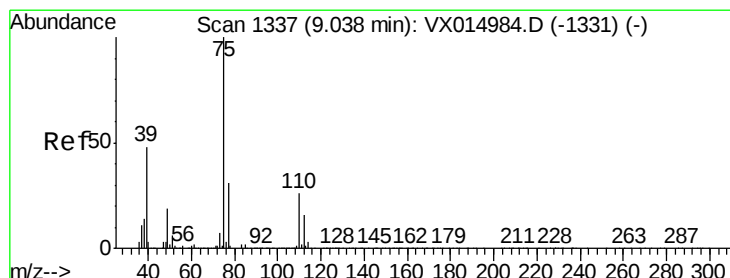
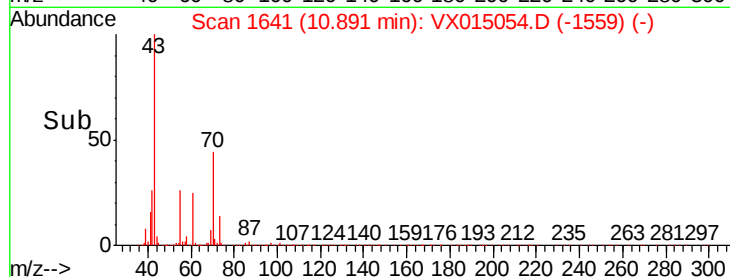
100000

50000

0

Time-->

10.85 10.90 10.95



#48

t-1,3-Dichloropropene

Concen: 20.344 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015054.D

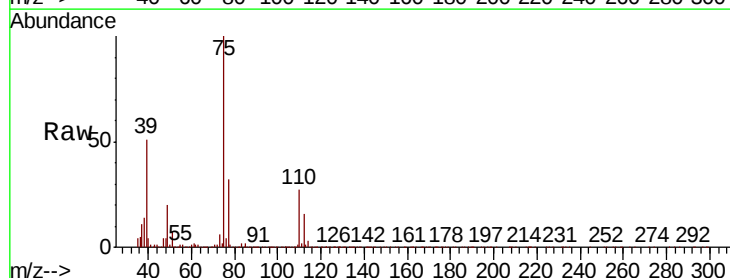
Acq: 28 Feb 2020 11:26

Tgt Ion: 75 Resp: 119600

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.03

80000

60000

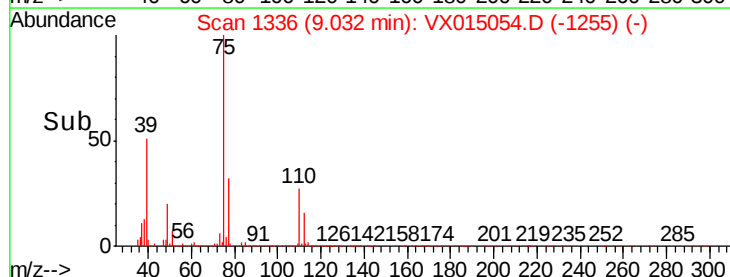
40000

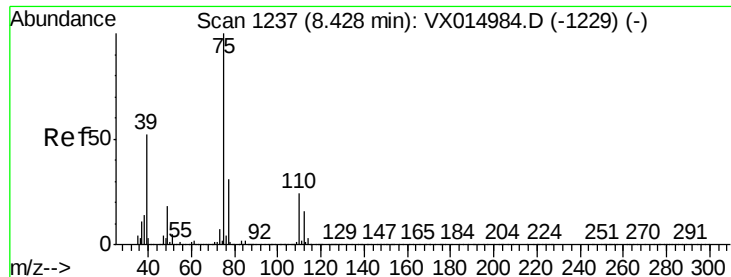
20000

0

Time-->

8.95 9.00 9.05 9.10



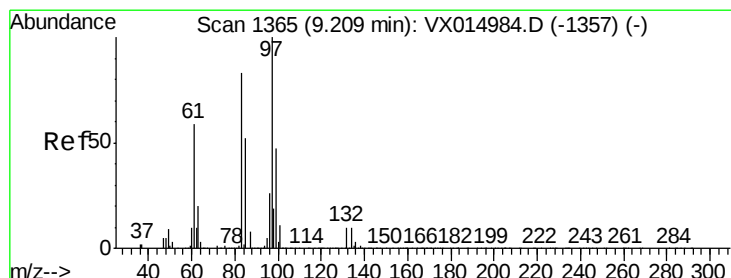
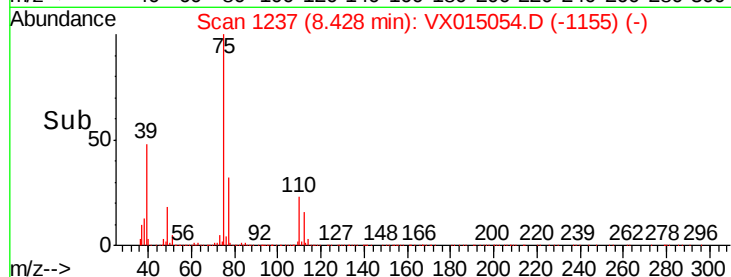
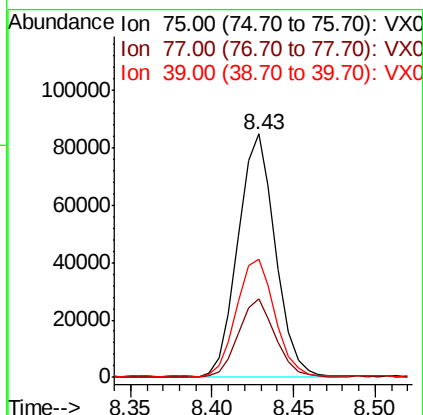
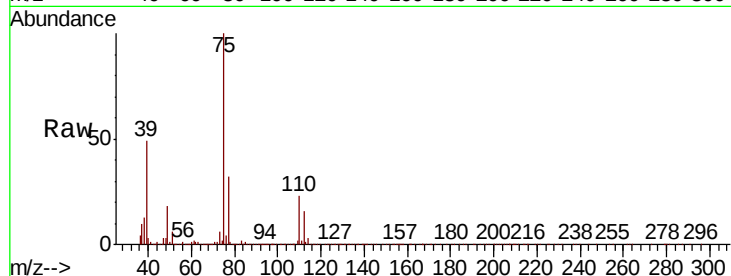


#49

cis-1,3-Dichloropropene
 Concen: 20.872 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Instrument :
 MSVOA_X
 ClientSampled :

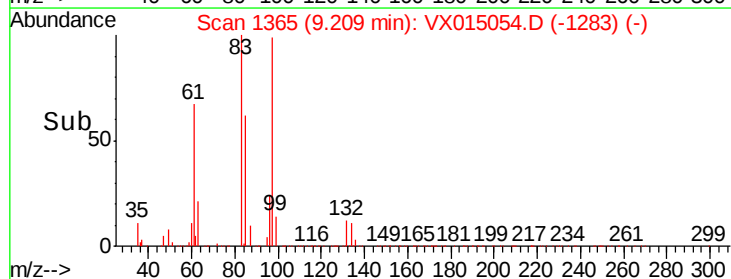
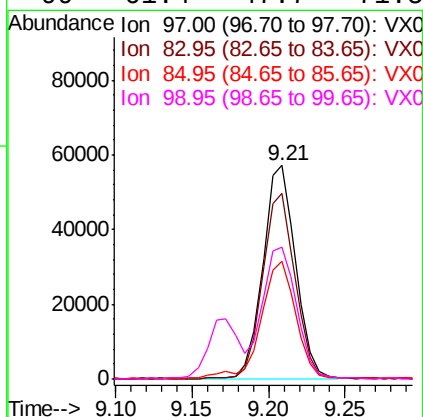
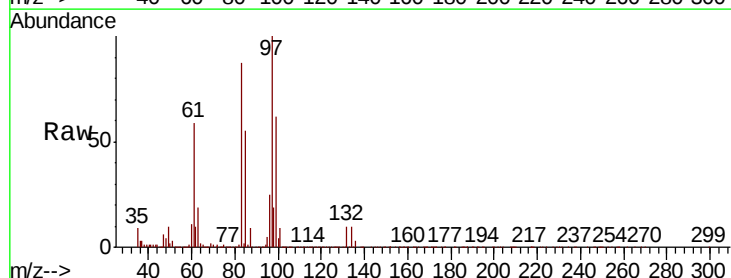
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	36.8
39	48.0	41.5	62.3

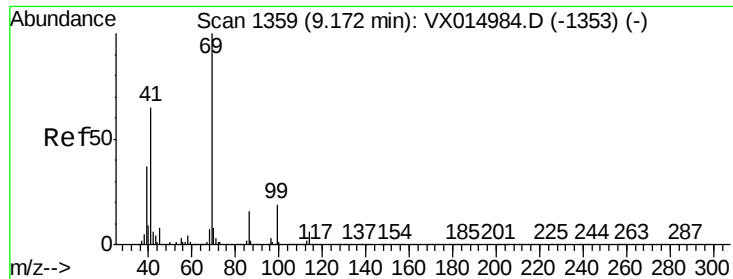


#50

1,1,2-Trichloroethane
 Concen: 21.371 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	66.2	99.2
85	54.6	42.4	63.6
99	61.4	47.7	71.5





#51

Ethyl methacrylate

Concen: 20.950 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :

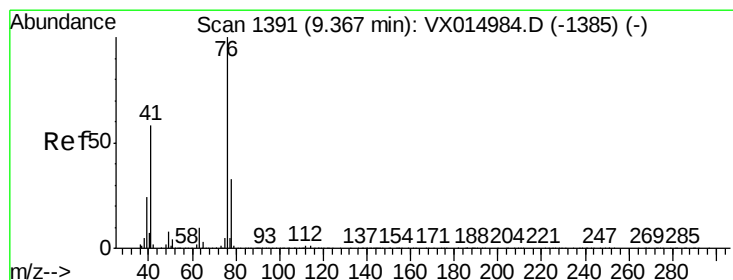
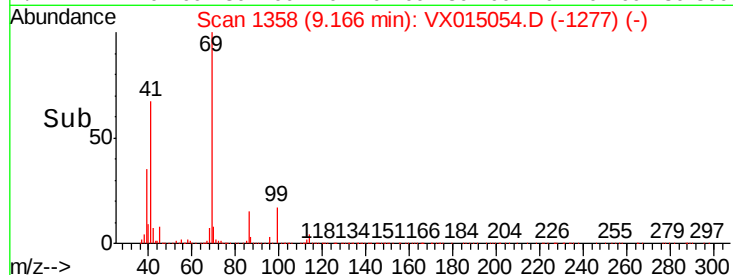
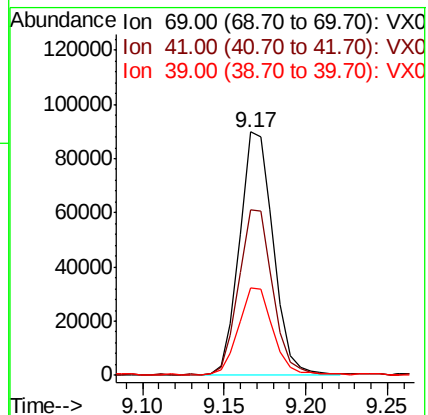
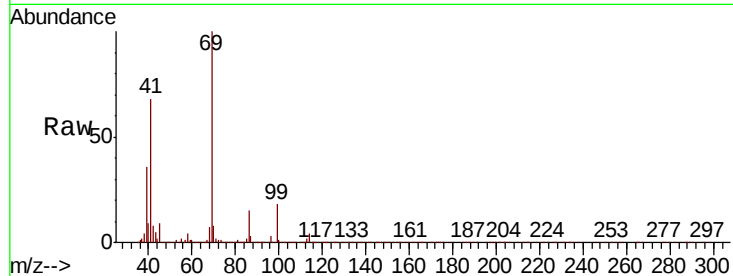
Tot Ion: 69 Resp: 129223

Ion Ratio Lower Upper

69 100

41 67.6 32.7 98.1

39 35.4 18.2 54.6



#52

1,3-Dichloropropane

Concen: 21.421 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015054.D

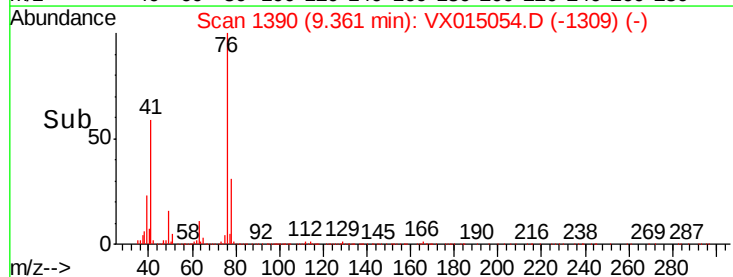
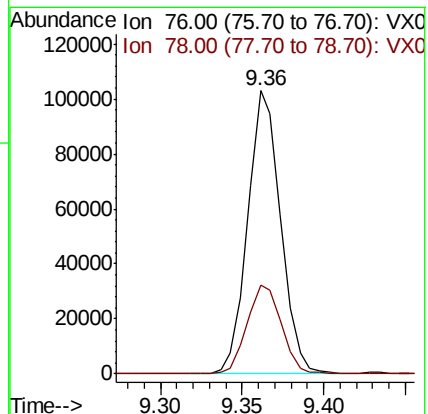
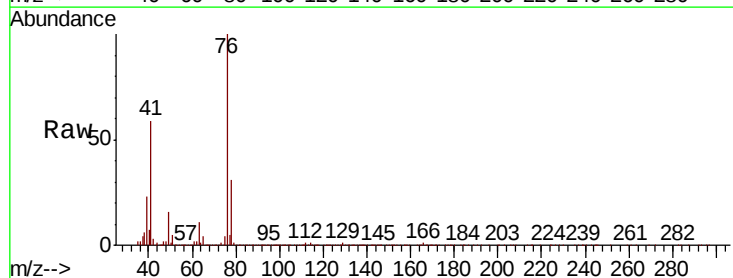
Acq: 28 Feb 2020 11:26

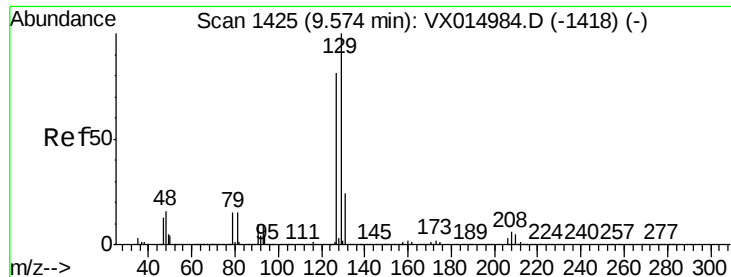
Tgt Ion: 76 Resp: 144820

Ion Ratio Lower Upper

76 100

78 32.7 0.0 65.0





#53

Dibromochloromethane

Concen: 20.536 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

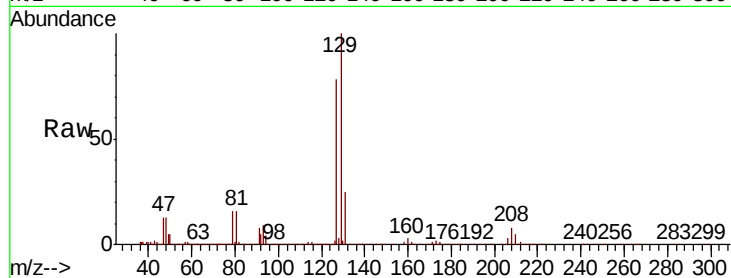
ClientSampleId :

Tot Ion:129 Resp: 88733

Ion Ratio Lower Upper

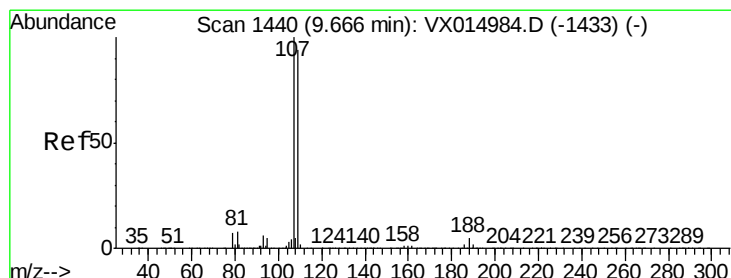
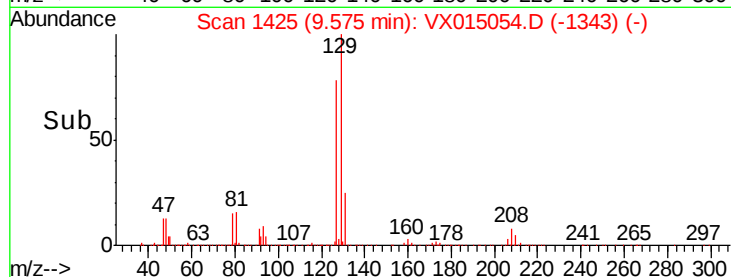
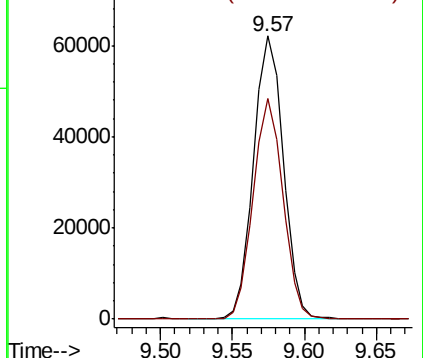
129 100

127 78.0 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: 21.511 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015054.D

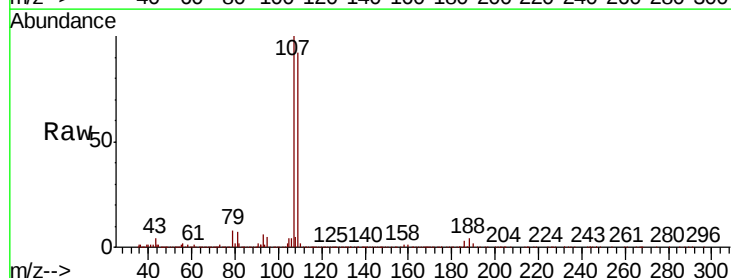
Acq: 28 Feb 2020 11:26

Tgt Ion:107 Resp: 91270

Ion Ratio Lower Upper

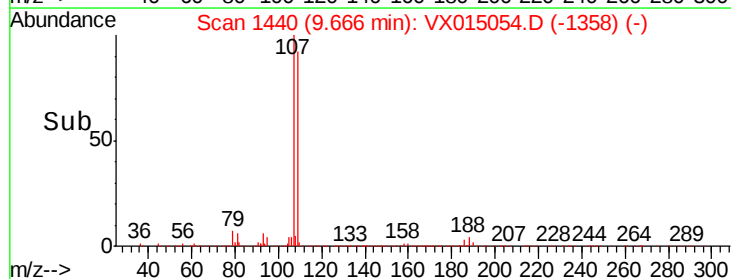
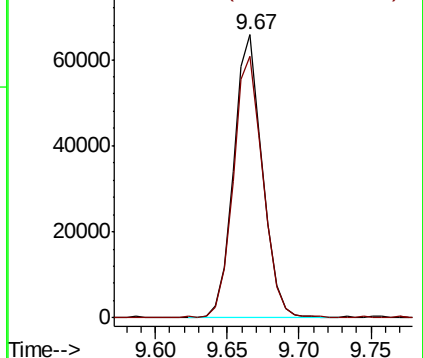
107 100

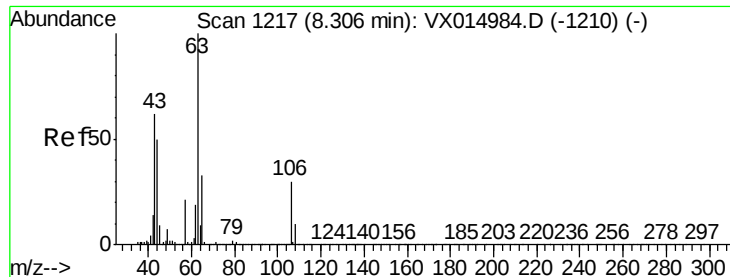
109 94.4 76.3 114.5



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: 103.260 ug/l

RT: 8.30 min Scan# 1216

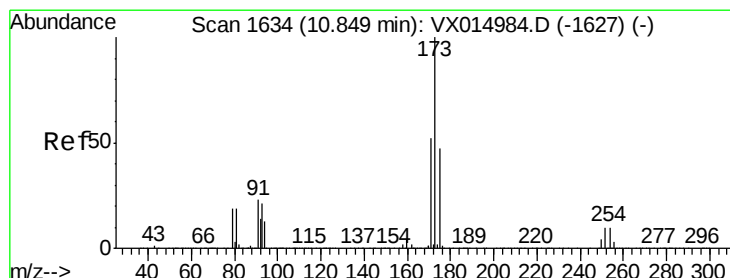
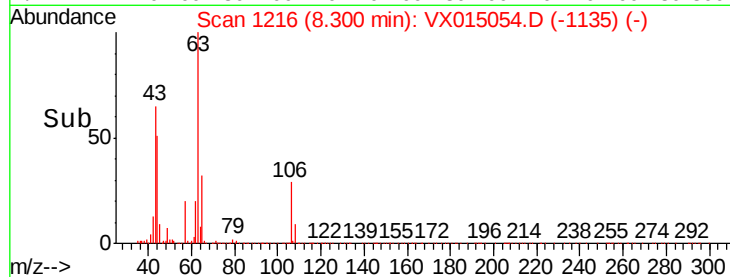
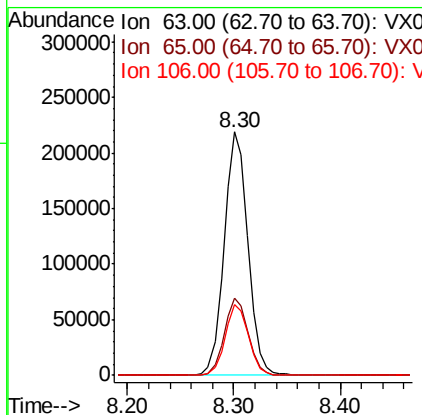
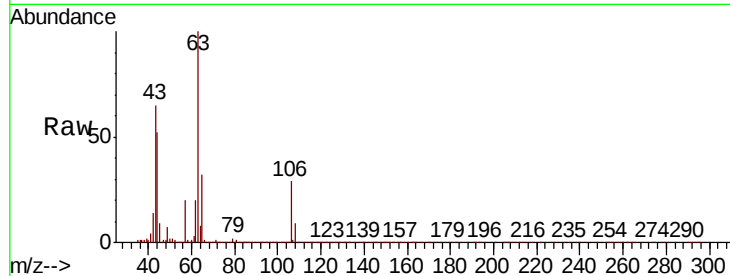
Delta R.T. -0.01 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	63	Resp:	339280
Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.0	39.0
106	29.0	23.9	35.9



#56

Bromoform

Concen: 20.169 ug/l

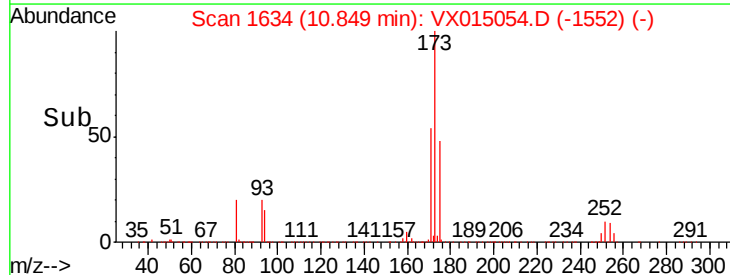
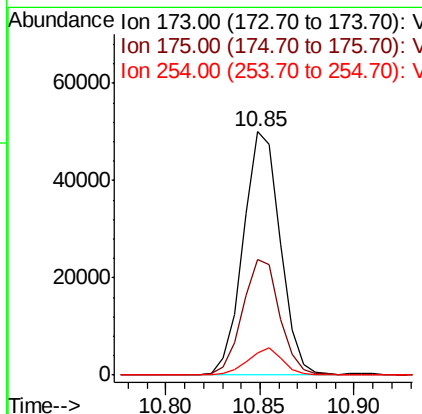
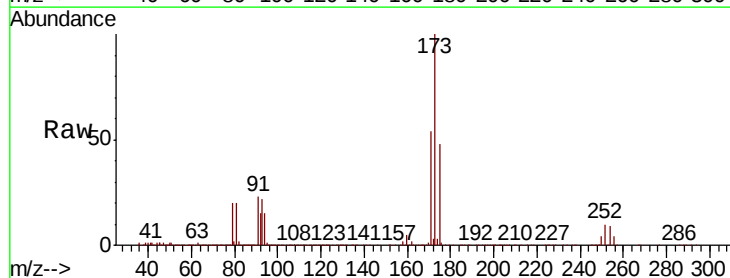
RT: 10.85 min Scan# 1634

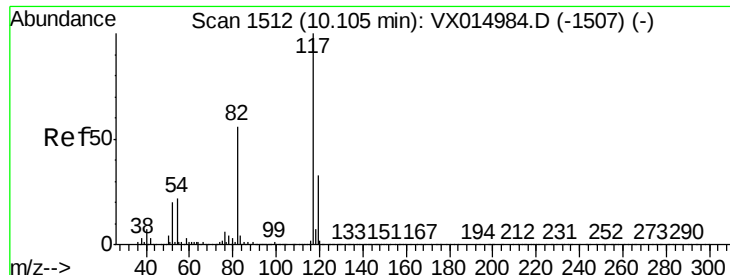
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Tgt Ion:	173	Resp:	68314
Ion	Ratio	Lower	Upper
173	100		
175	47.7	38.6	57.8
254	10.6	8.6	13.0

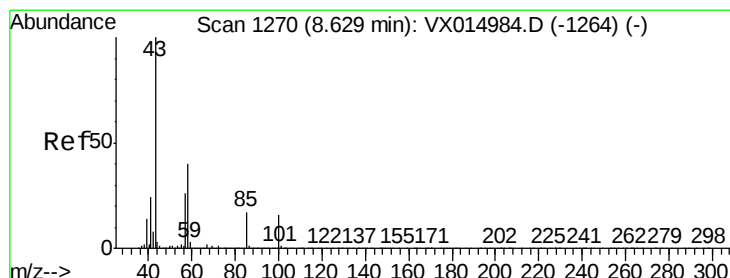
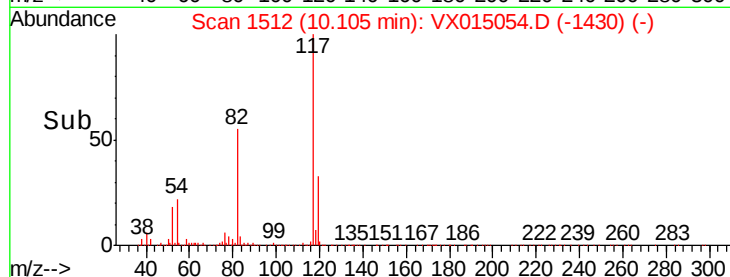
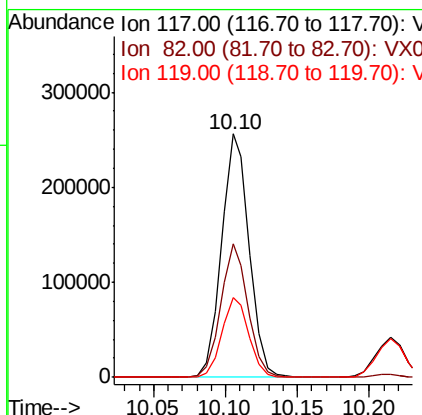
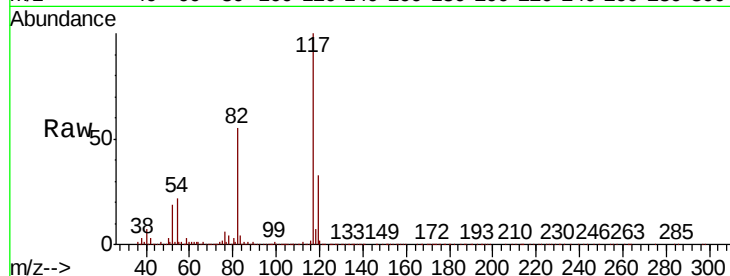




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

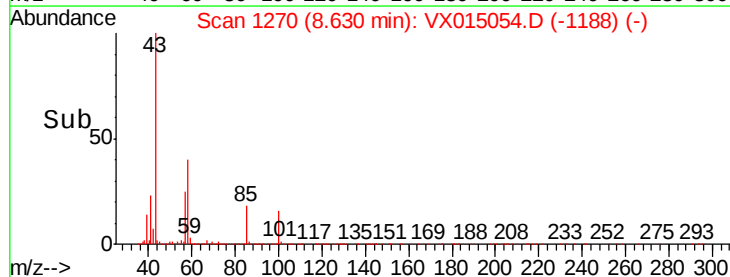
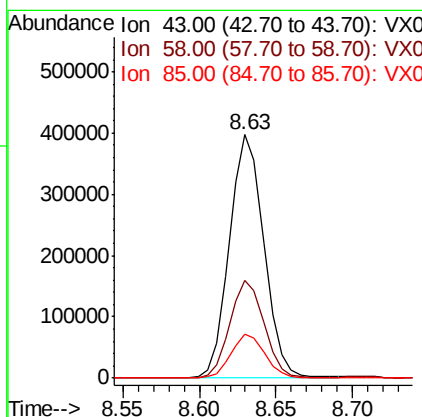
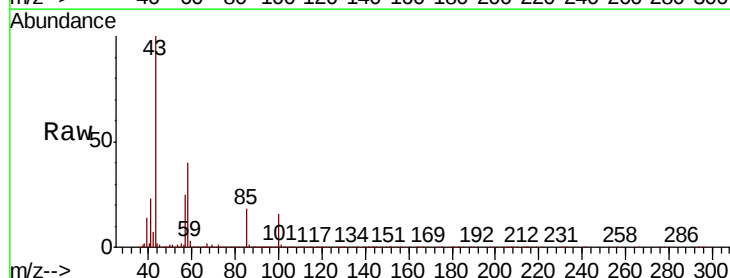
Instrument :
MSVOA_X
ClientSampleId :

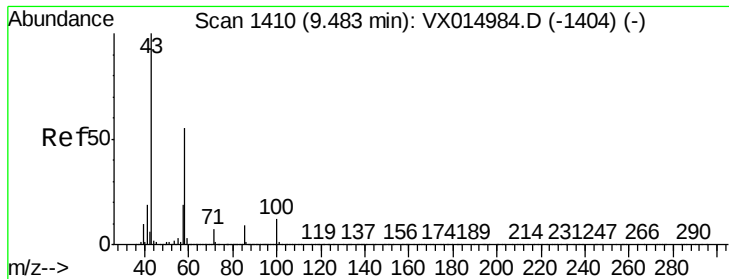
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.2
119	32.4	26.0	39.0



#58
4-Methyl-2-Pentanone
Concen: 110.173 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.7	47.5
85	17.8	14.4	21.6

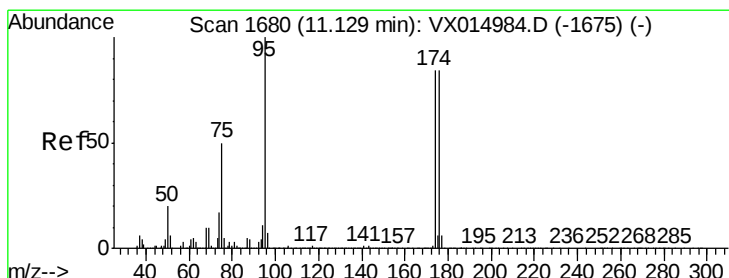
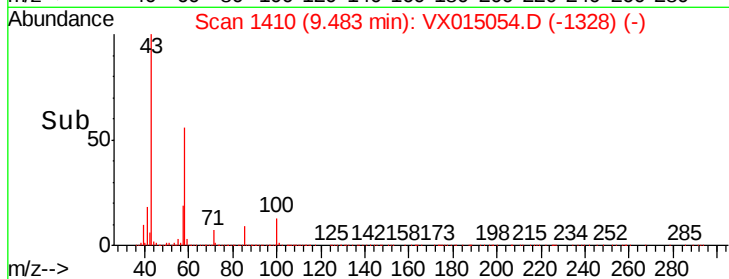
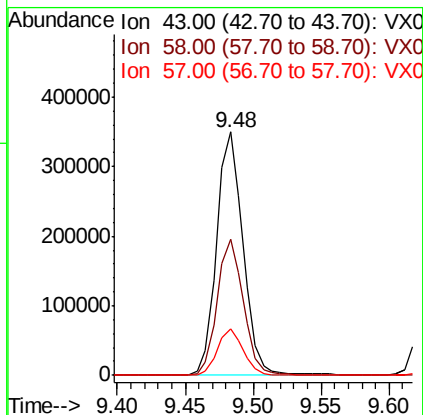
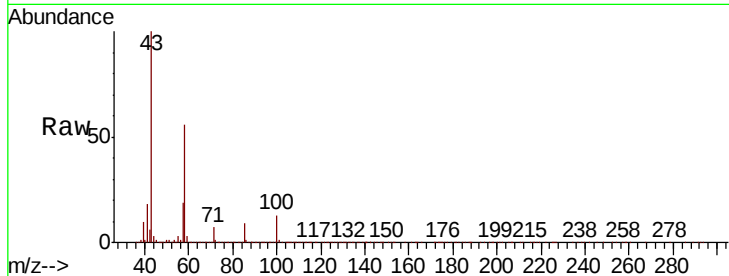




#59
2-Hexanone
Concen: 106.458 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

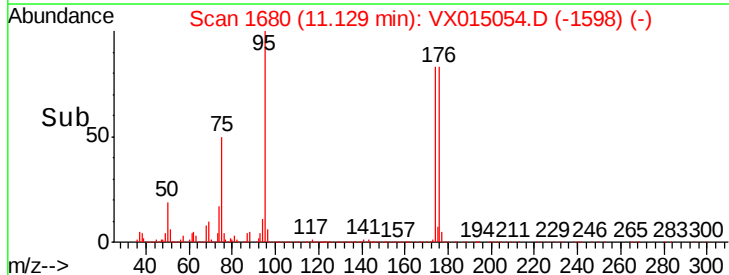
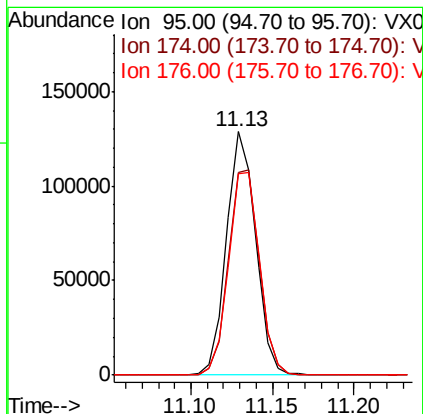
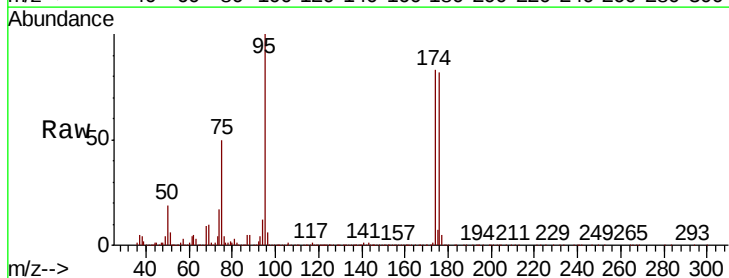
Instrument :
MSVOA_X
ClientSampleId :

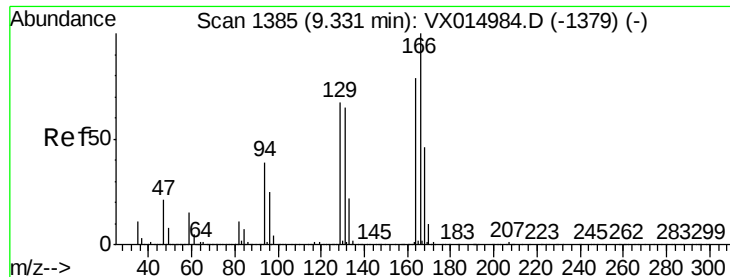
Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	44.1	66.1
57	18.9	15.3	22.9



#60
4-Bromofluorobenzene
Concen: 29.830 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.2	72.3	108.5
176	88.4	72.0	108.0





#61

Tetrachloroethene

Concen: 19.843 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 91683

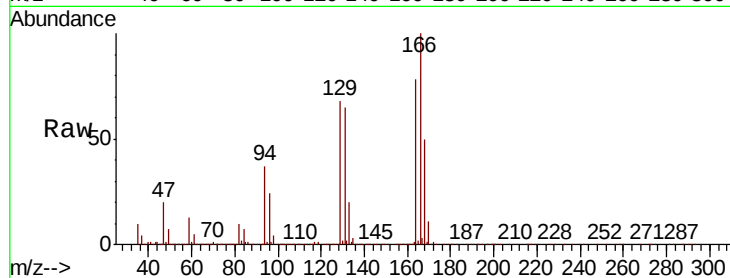
Ion Ratio Lower Upper

164 100

166 127.4 101.2 151.8

129 86.3 67.6 101.4

131 82.9 66.0 99.0

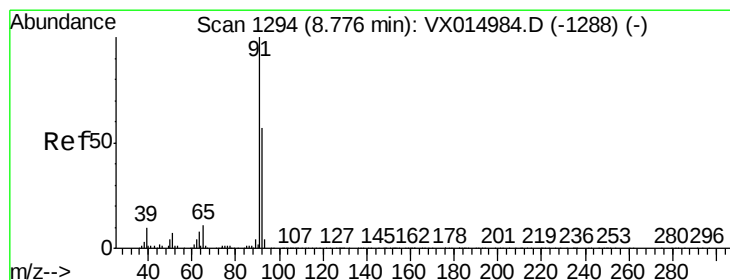
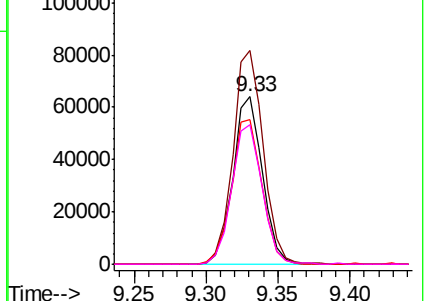
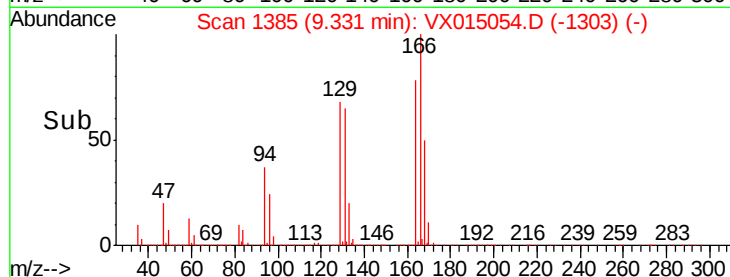


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.053 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015054.D

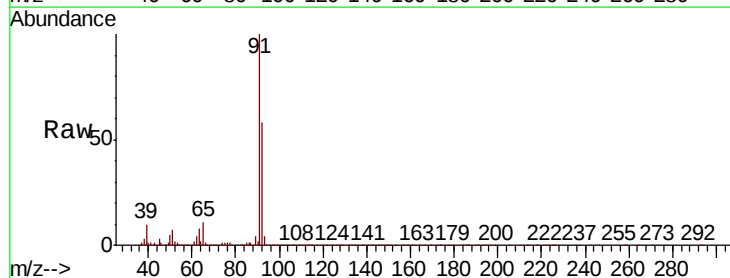
Acq: 28 Feb 2020 11:26

Tgt Ion: 91 Resp: 353334

Ion Ratio Lower Upper

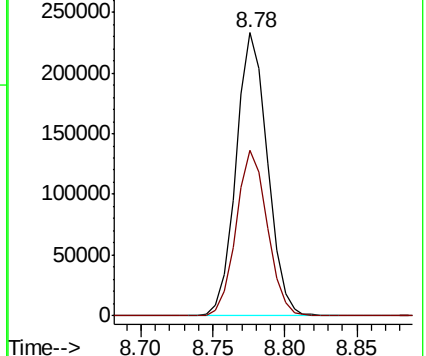
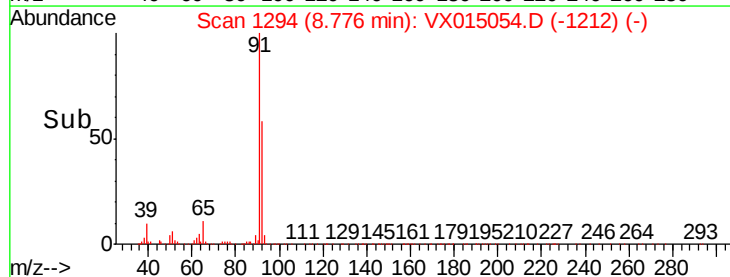
91 100

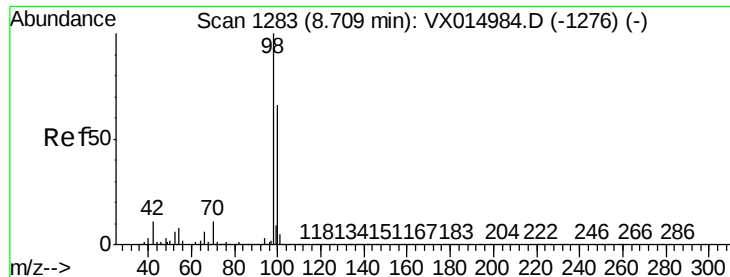
92 58.5 46.6 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.502 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

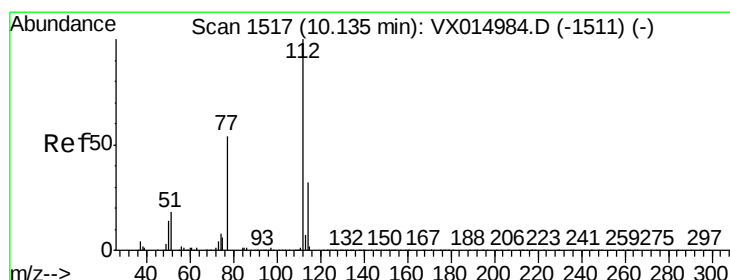
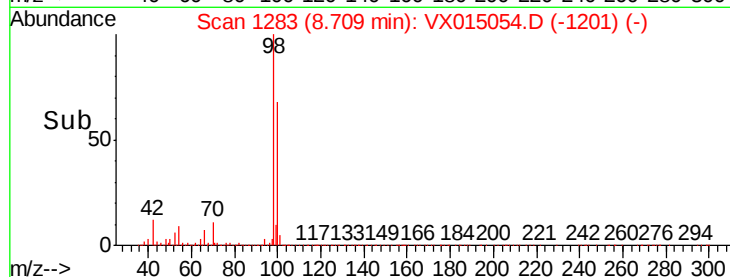
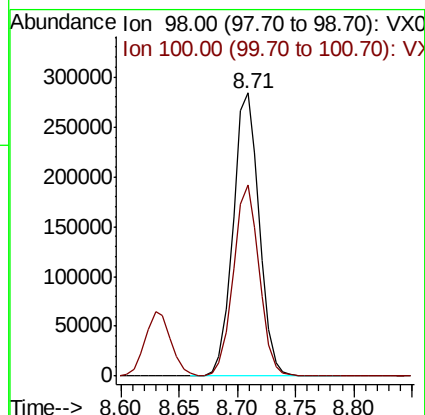
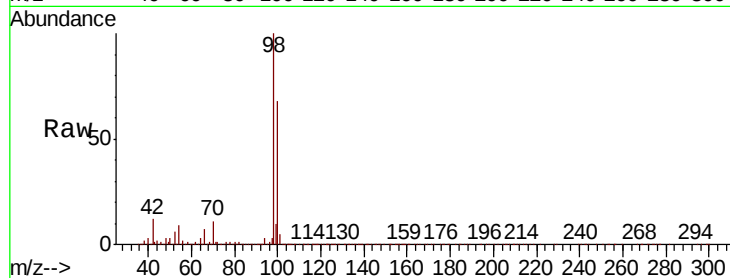
ClientSampleId :

Tot Ion: 98 Resp: 442578

Ion Ratio Lower Upper

98 100

100 66.8 52.8 79.2



#64

Chlorobenzene

Concen: 20.053 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015054.D

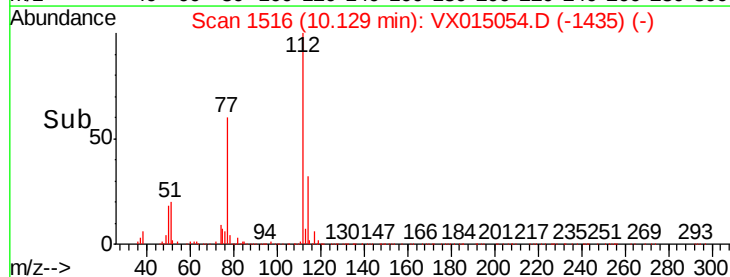
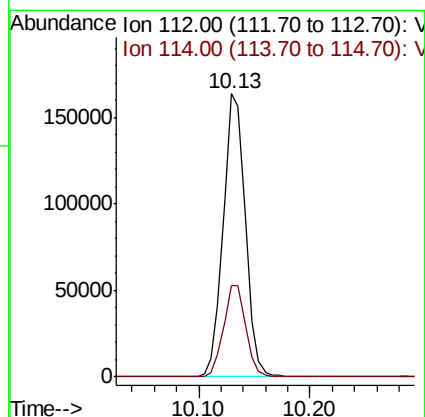
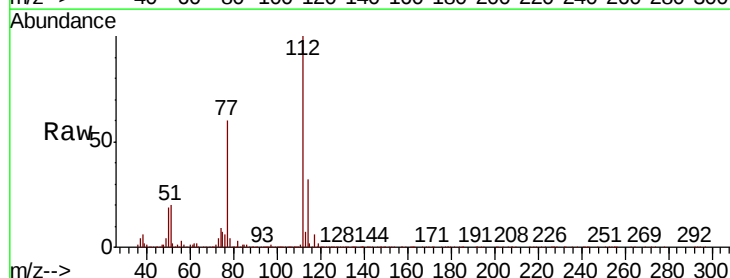
Acq: 28 Feb 2020 11:26

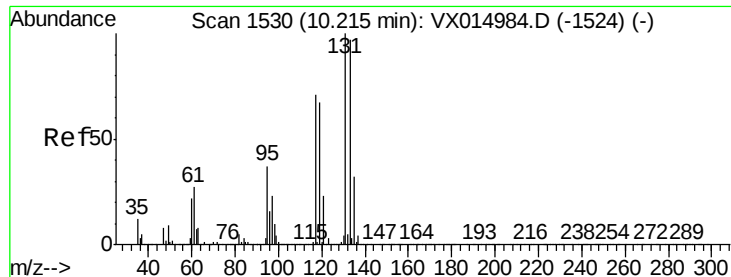
Tgt Ion: 112 Resp: 225531

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.231 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

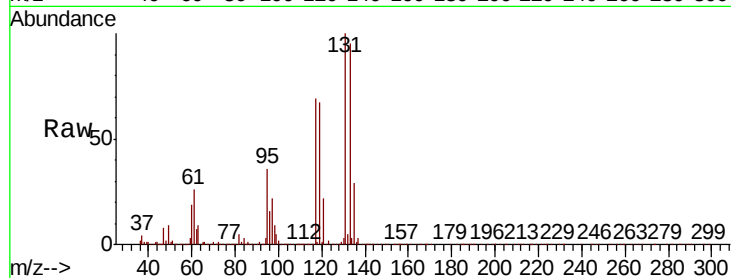
Tot Ion:131 Resp: 84280

Ion Ratio Lower Upper

131 100

133 94.0 0.0 191.4

119 64.9 0.0 132.0

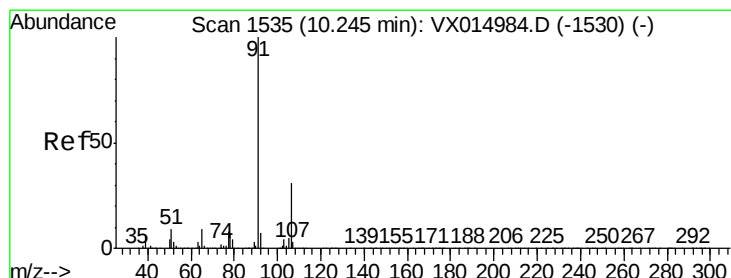
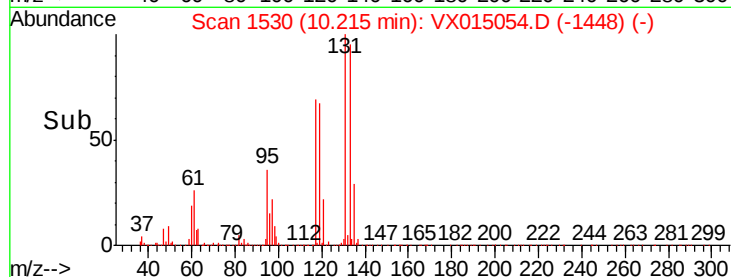
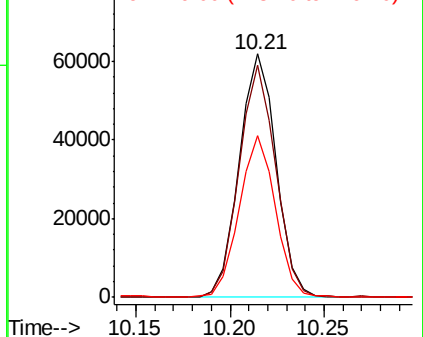


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.021 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015054.D

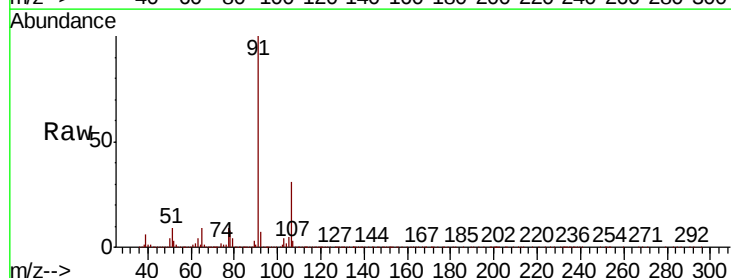
Acq: 28 Feb 2020 11:26

Tgt Ion: 91 Resp: 388605

Ion Ratio Lower Upper

91 100

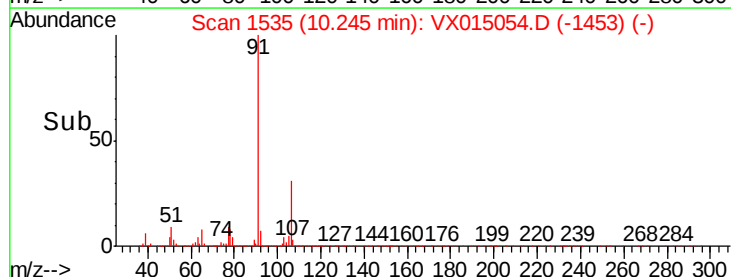
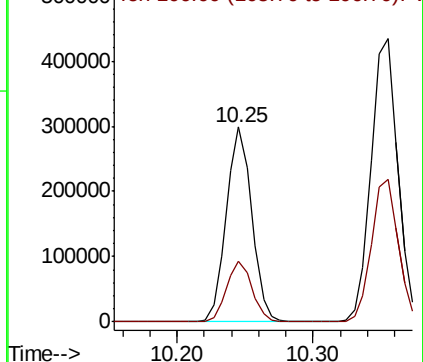
106 31.2 24.7 37.1

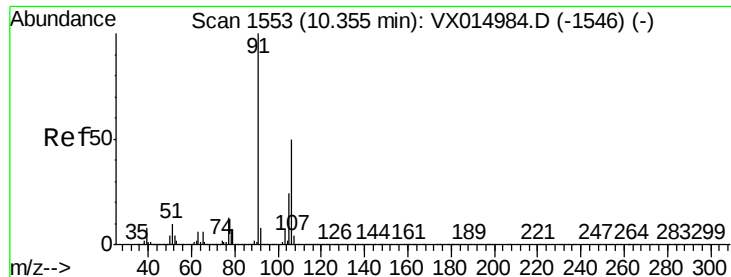


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

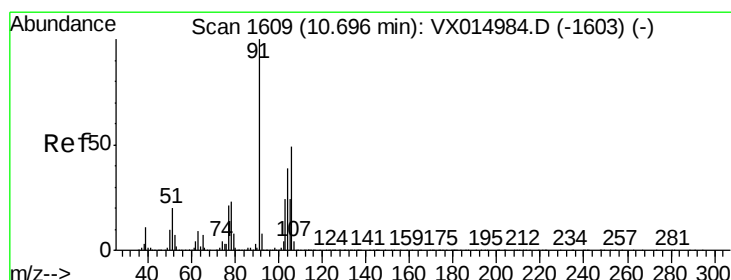
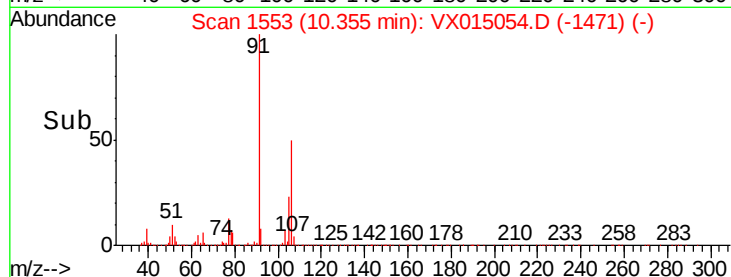
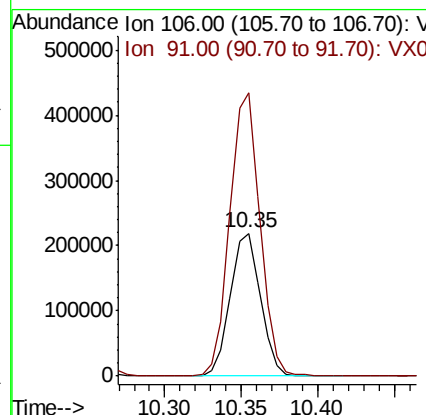
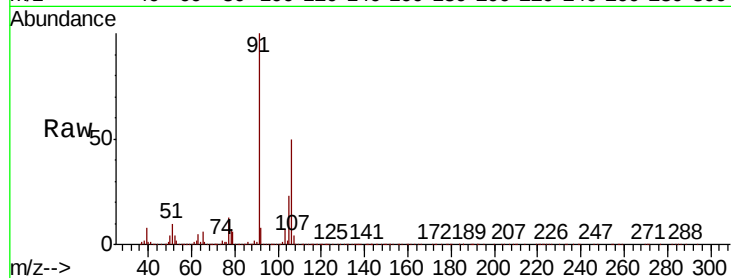




#67
m/p-Xvlenes
Concen: 40.061 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

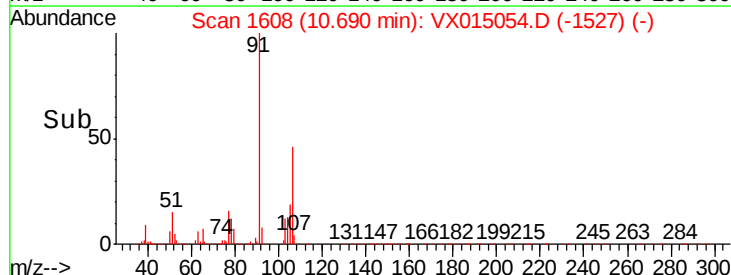
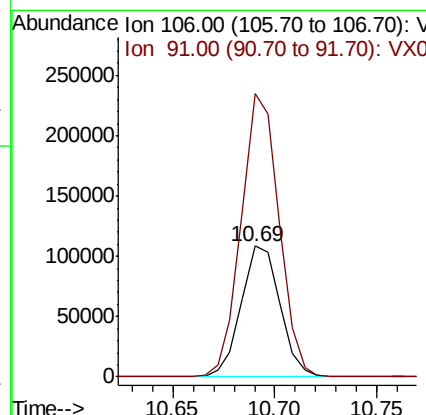
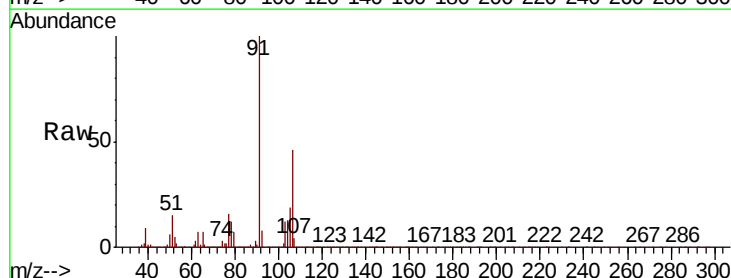
Instrument :
MSVOA_X
ClientSampleId :

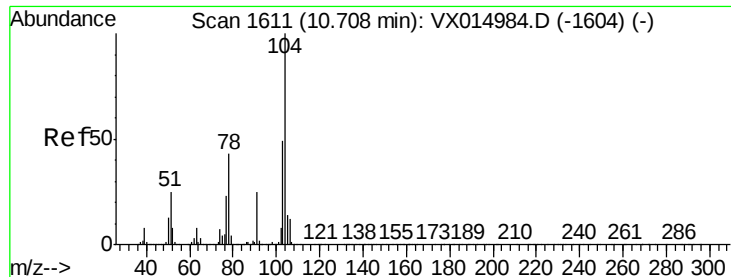
Tot Ion:106 Resp: 299844
Ion Ratio Lower Upper
106 100
91 198.0 160.4 240.6



#68
o-Xylene
Concen: 19.706 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion:106 Resp: 142714
Ion Ratio Lower Upper
106 100
91 210.8 105.3 315.9

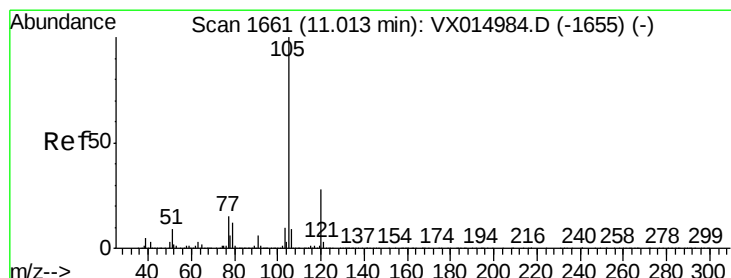
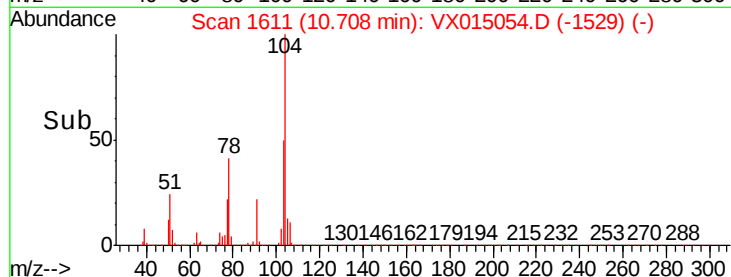
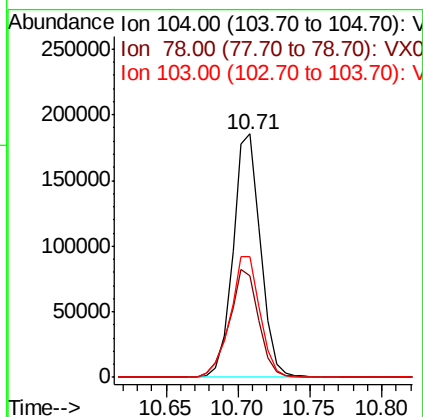
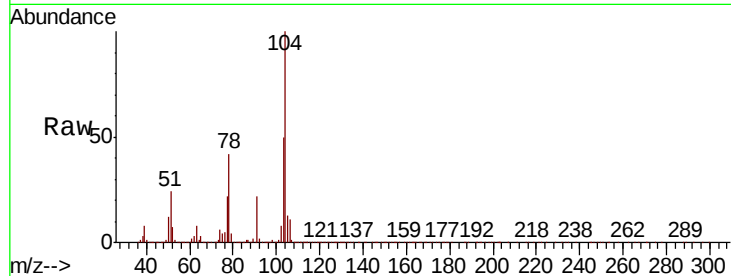




#69
Stvrene
Concen: 19.906 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

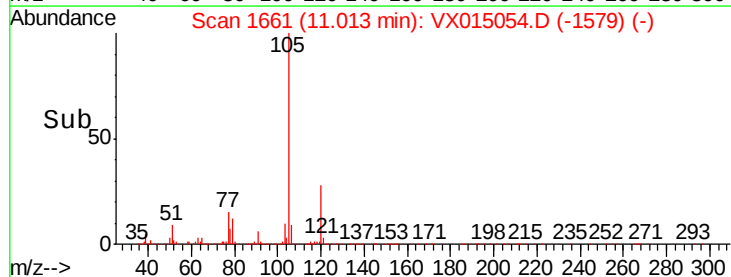
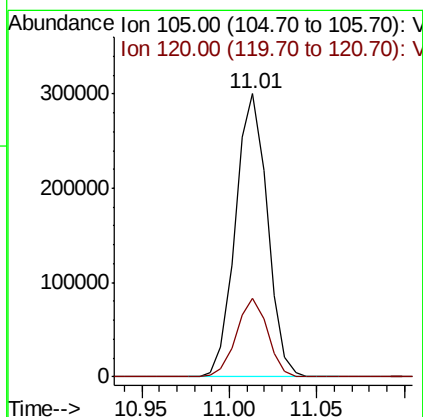
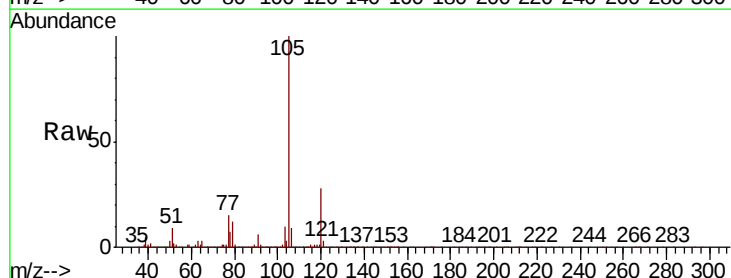
Instrument :
MSVOA_X
ClientSampleId :

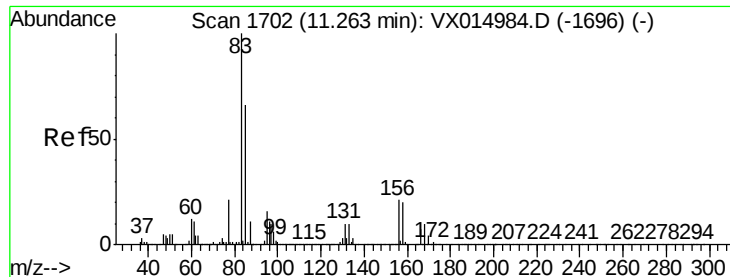
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.9	39.4	59.2
103	54.2	42.9	64.3



#70
Isopropylbenzene
Concen: 19.759 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 21.066 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

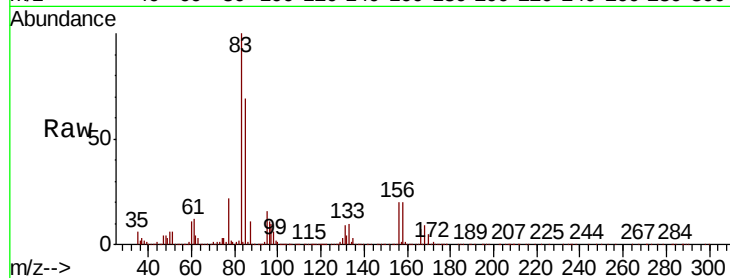
Tot Ion: 83 Resp: 130474

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

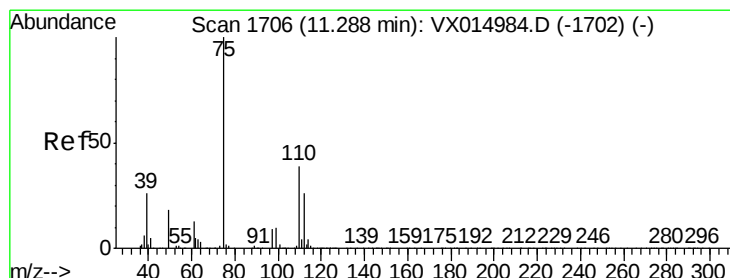
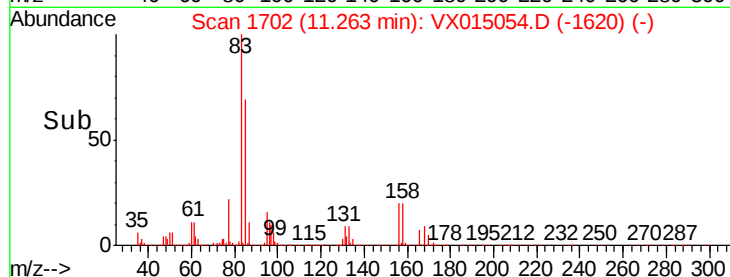
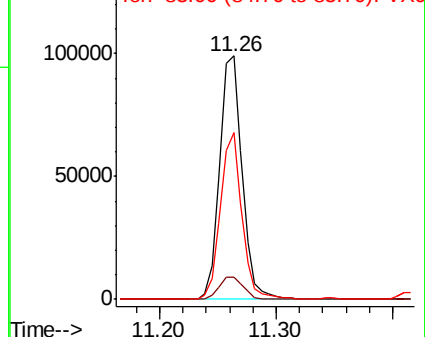
85 65.5 32.2 96.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 29.235 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015054.D

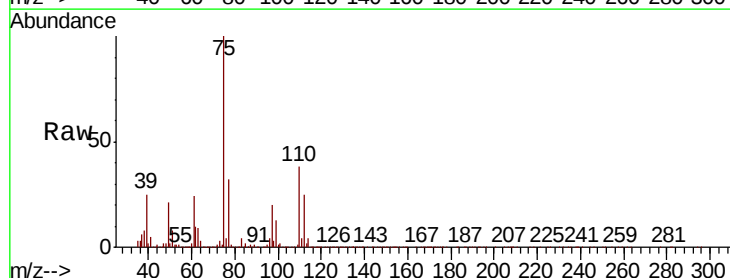
Acq: 28 Feb 2020 11:26

Tgt Ion: 75 Resp: 150199

Ion Ratio Lower Upper

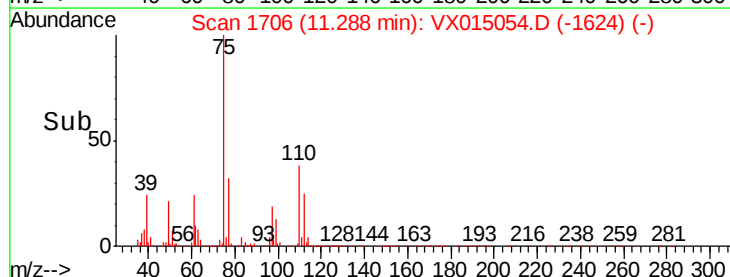
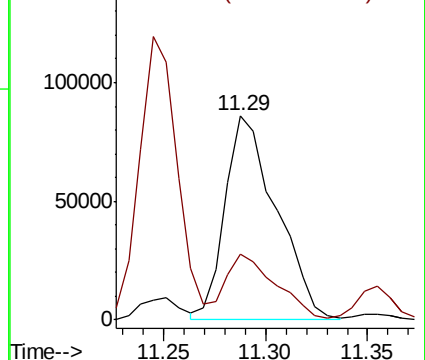
75 100

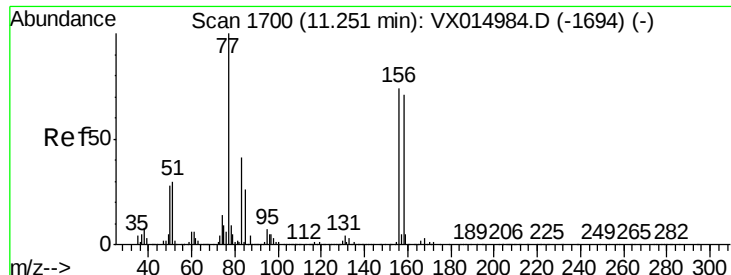
77 31.8 0.0 75.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

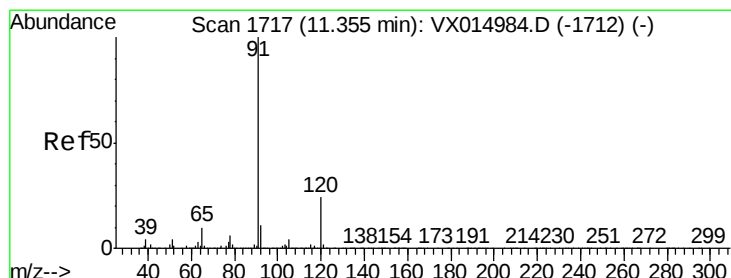
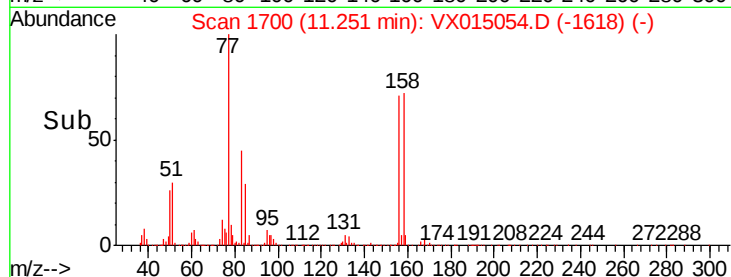
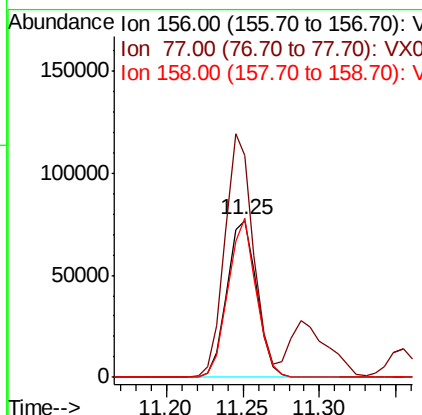
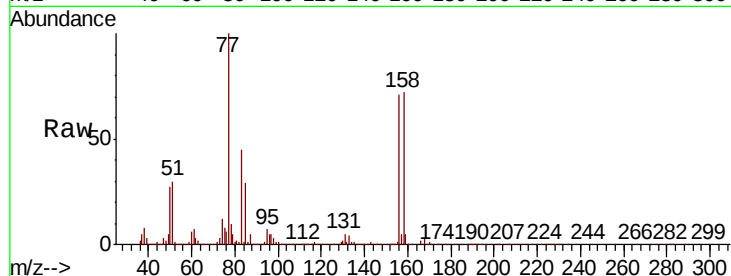




#73
Bromobenzene
Concen: 19.817 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

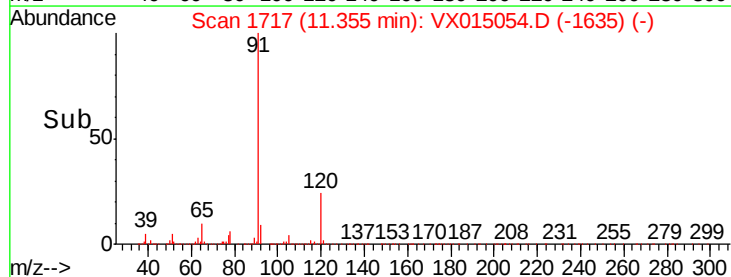
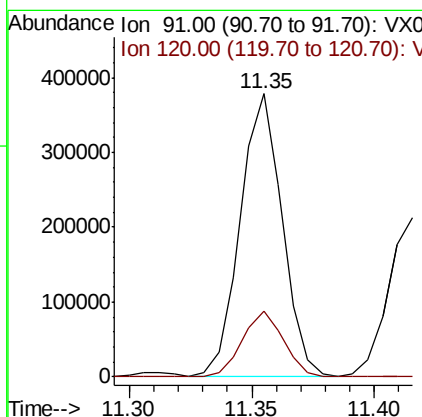
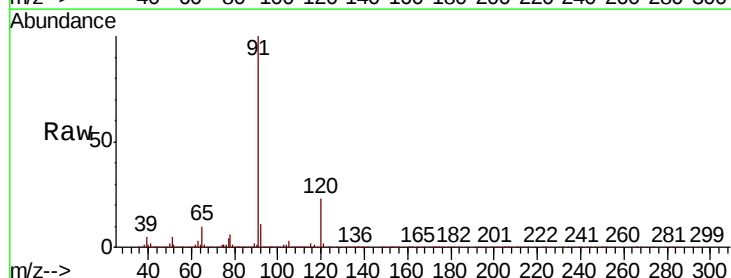
Instrument :
MSVOA_X
ClientSampleId :

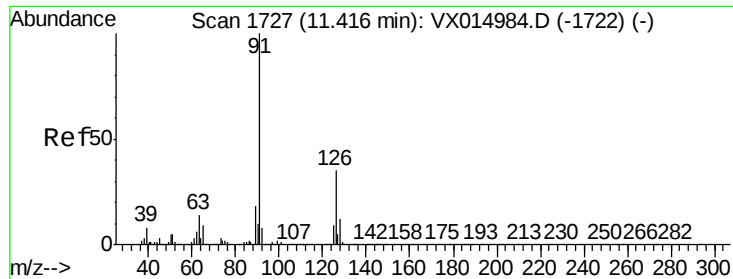
Tot Ion:156 Resp: 103007
Ion Ratio Lower Upper
156 100
77 148.6 0.0 286.8
158 96.3 0.0 191.8



#74
n-propylbenzene
Concen: 20.631 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 91 Resp: 451700
Ion Ratio Lower Upper
91 100
120 22.9 0.0 47.0

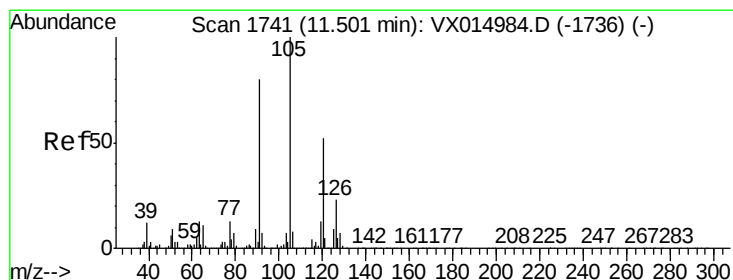
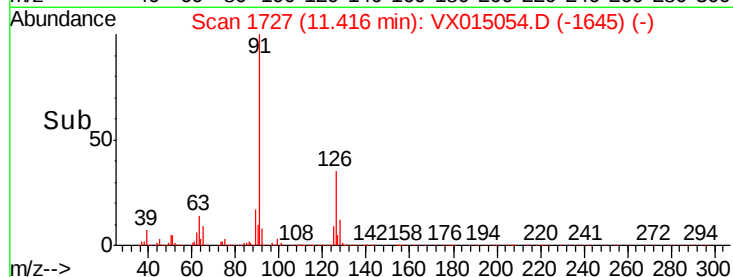
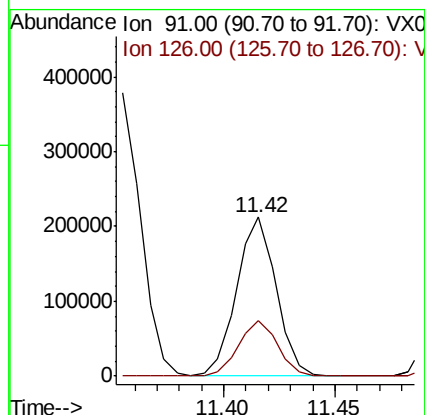
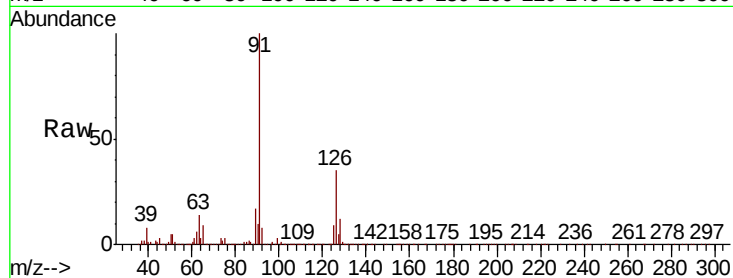




#75
2-Chlorotoluene
Concen: 20.262 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

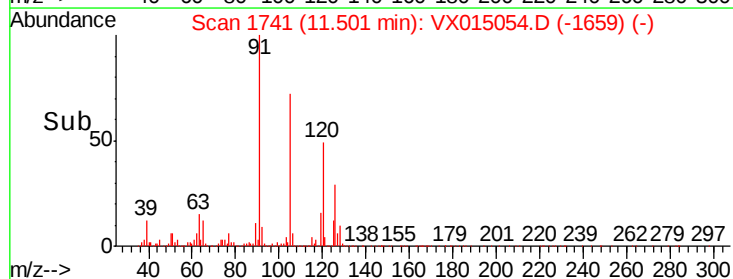
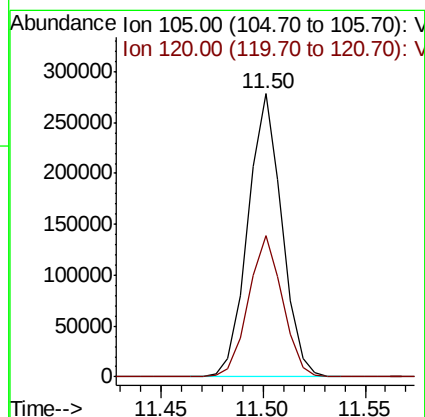
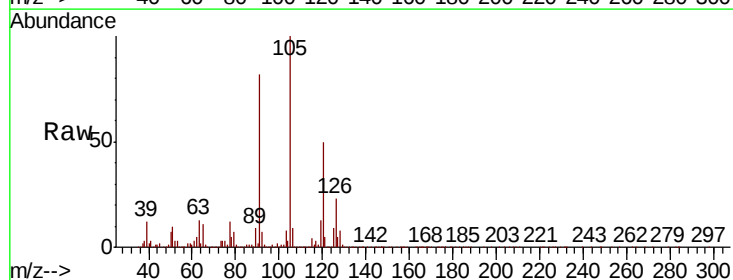
Instrument :
MSVOA_X
ClientSampled :

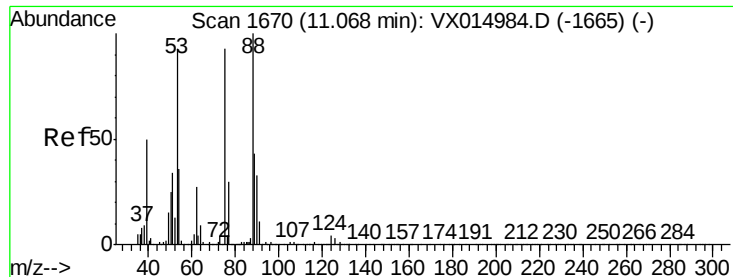
Tot Ion: 91 Resp: 262153
Ion Ratio Lower Upper
91 100
126 34.9 0.0 69.0



#76
1,3,5-Trimethylbenzene
Concen: 19.885 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 105 Resp: 320582
Ion Ratio Lower Upper
105 100
120 50.2 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.408 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

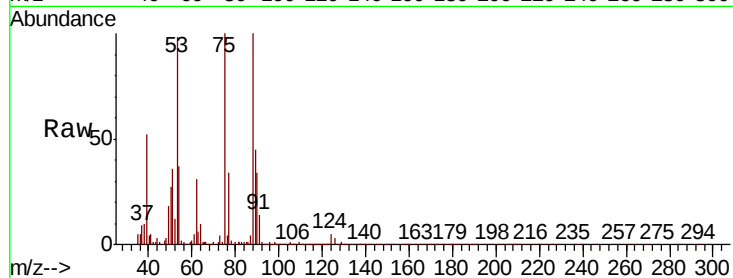
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 40207

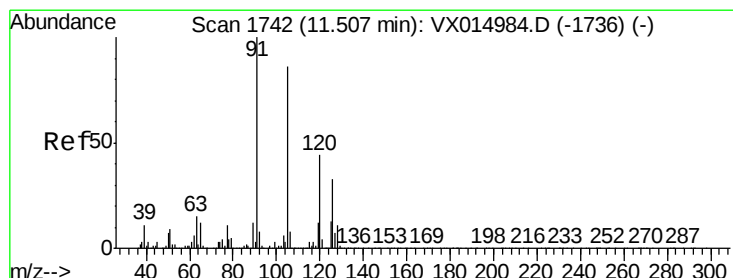
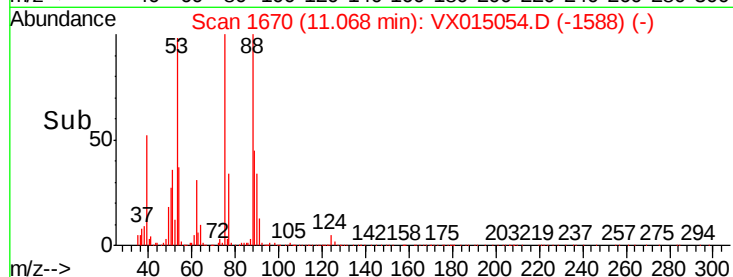
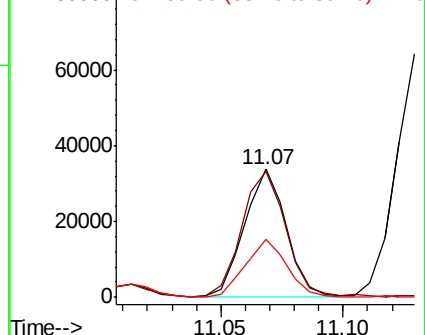
Ion	Ratio	Lower	Upper
75	100		
53	97.9	50.0	149.8
89	44.8	23.5	70.5



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.246 ug/l

RT: 11.51 min Scan# 1742

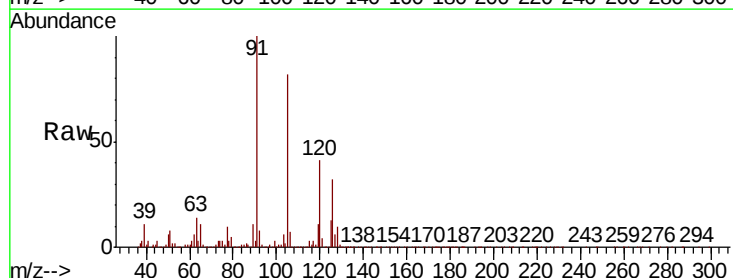
Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

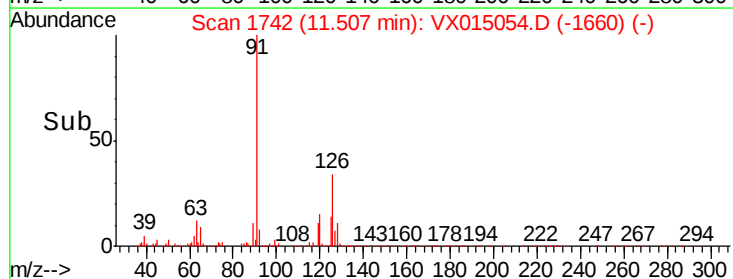
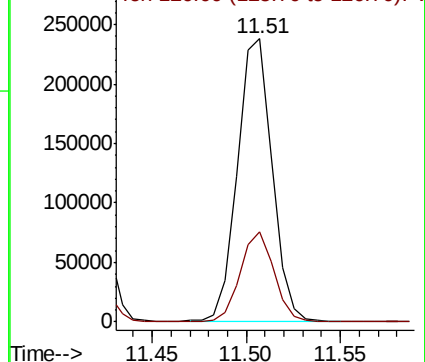
Tgt Ion: 91 Resp: 303011

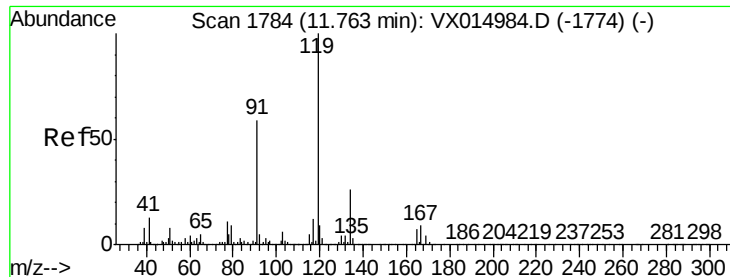
Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	62.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.605 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

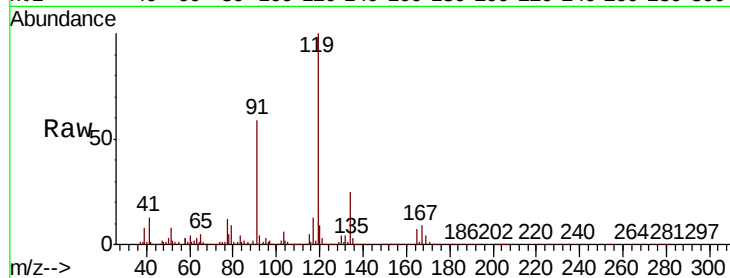
Tot Ion:119 Resp: 305358

Ion Ratio Lower Upper

119 100

91 57.1 0.0 114.4

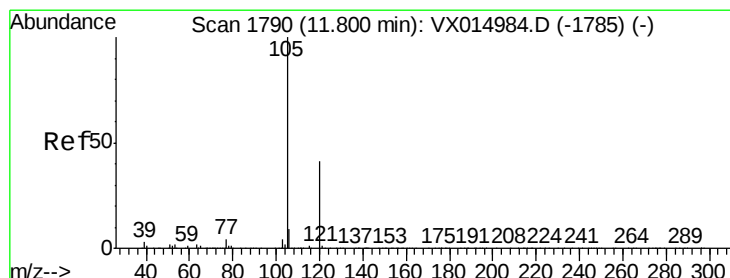
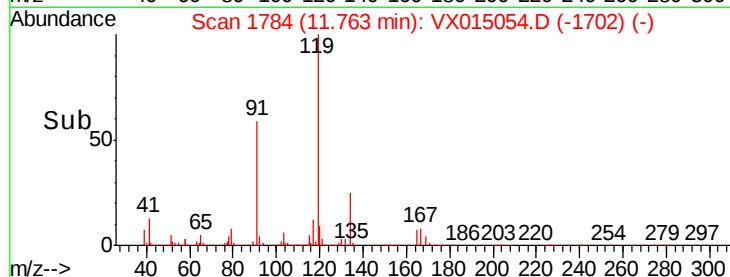
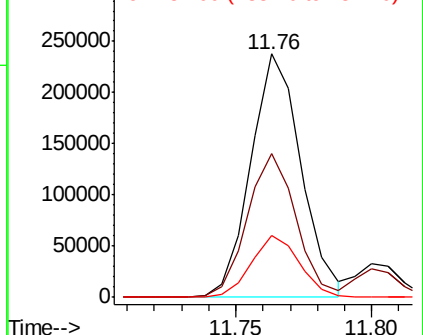
134 24.6 0.0 48.8



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: 19.985 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015054.D

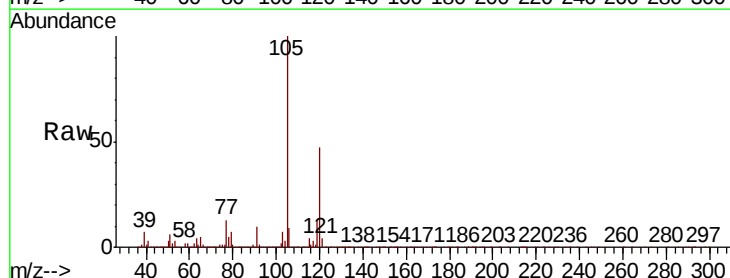
Acq: 28 Feb 2020 11:26

Tgt Ion:105 Resp: 320318

Ion Ratio Lower Upper

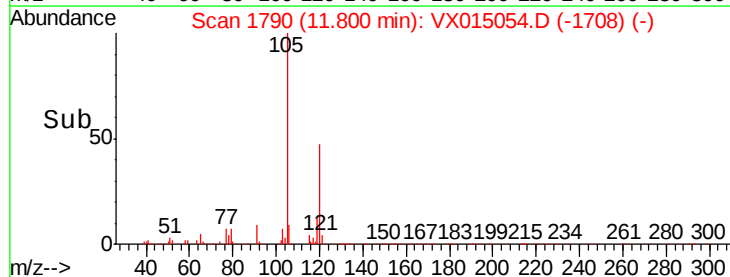
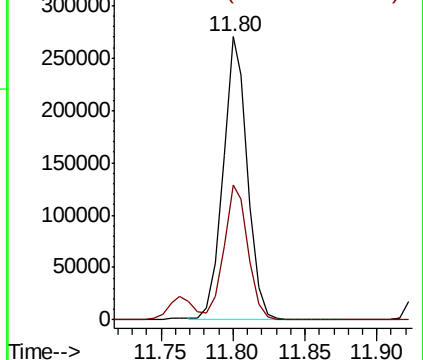
105 100

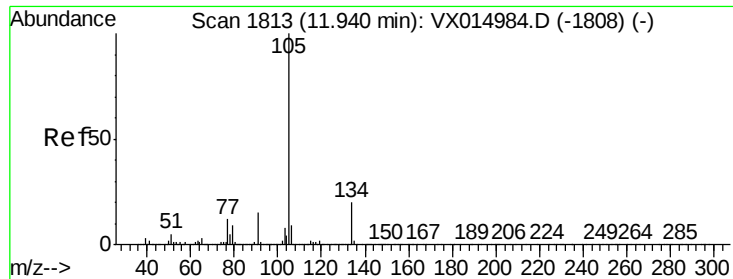
120 46.9 0.0 93.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

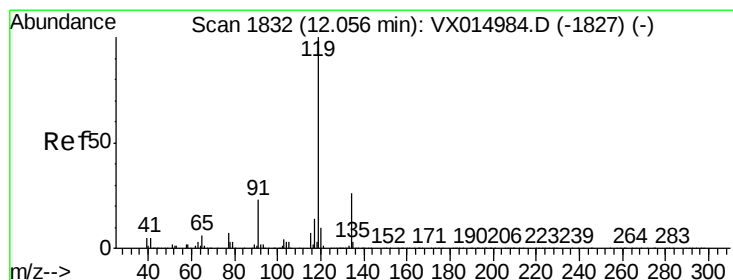
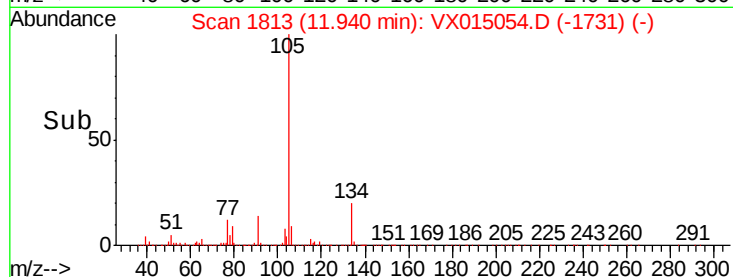
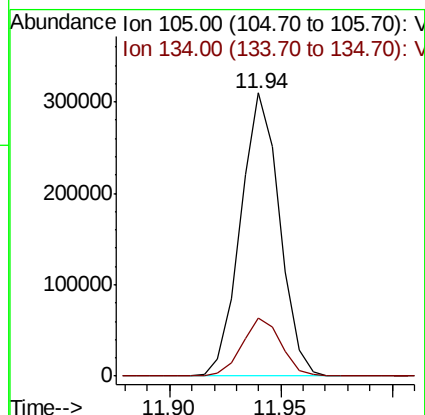
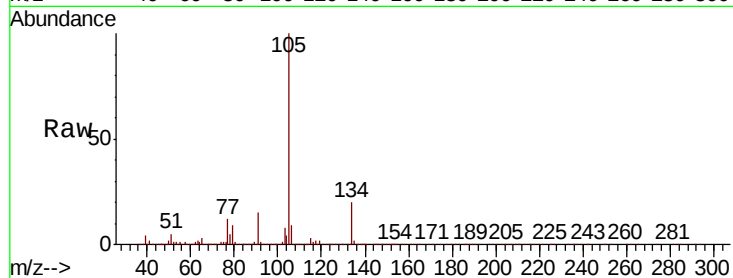




#81
 sec-Butylbenzene
 Concen: 20.214 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

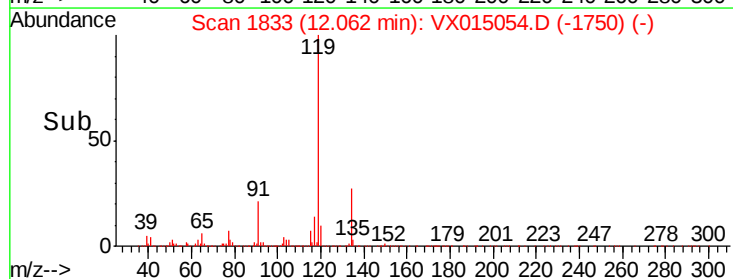
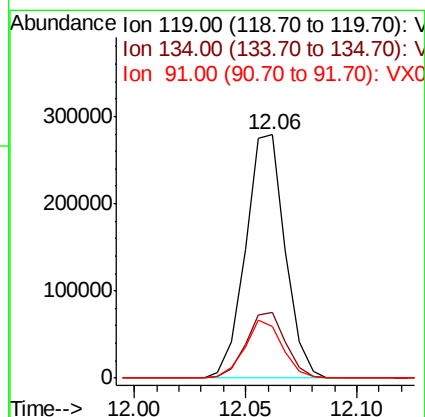
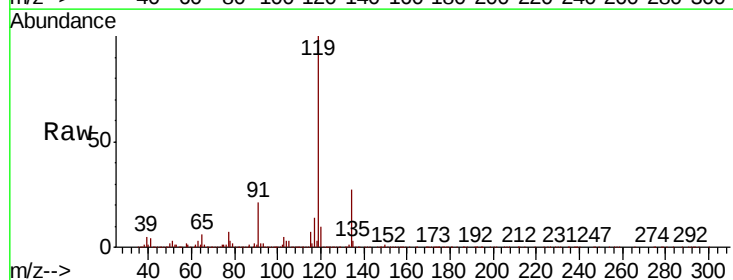
Instrument :
 MSVOA_X
 ClientSampleId :

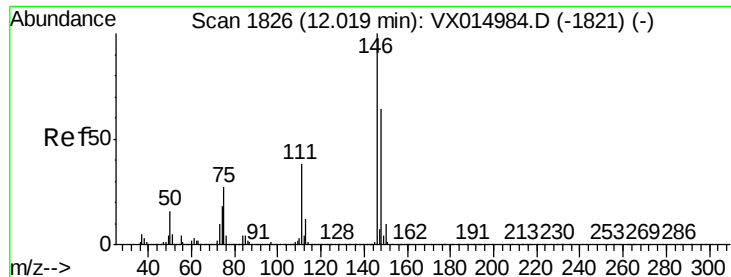
Tot Ion:105 Resp: 377044
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 19.864 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion:119 Resp: 344217
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.2
 91 22.6 0.0 44.6

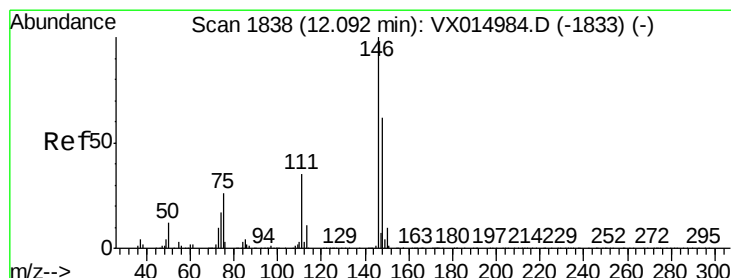
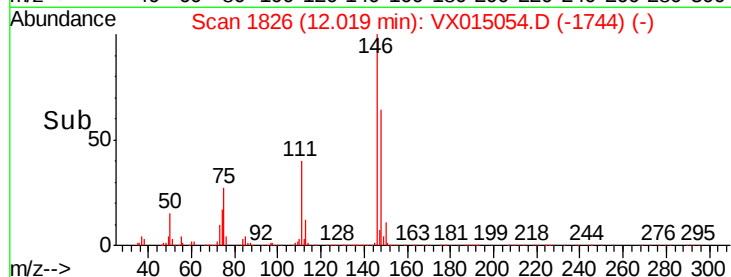
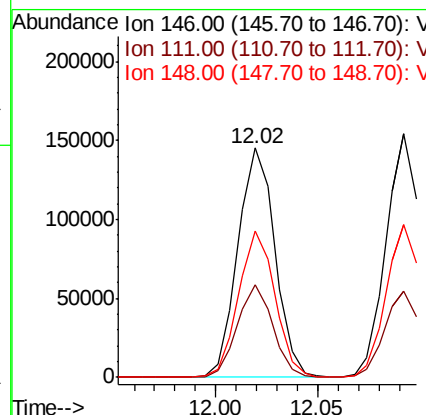
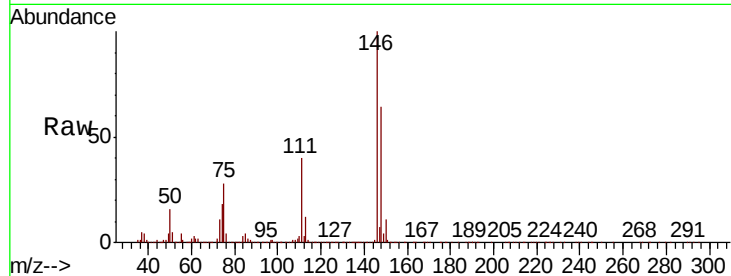




#83
 1,3-Dichlorobenzene
 Concen: 20.071 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

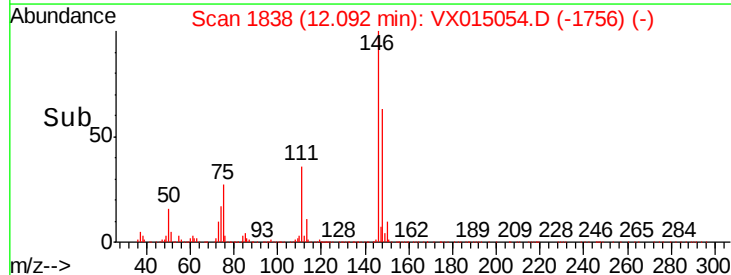
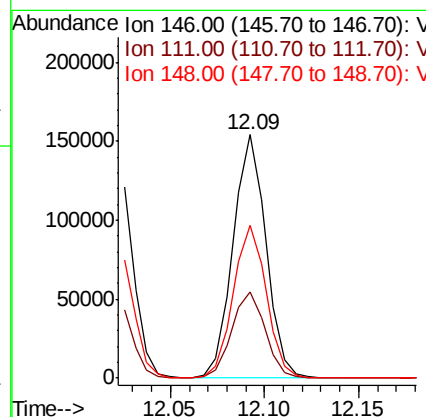
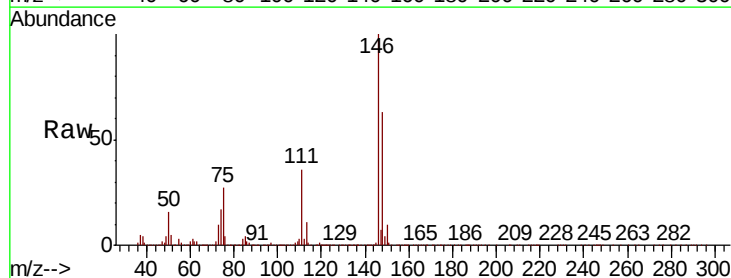
Instrument :
 MSVOA_X
 ClientSampled :

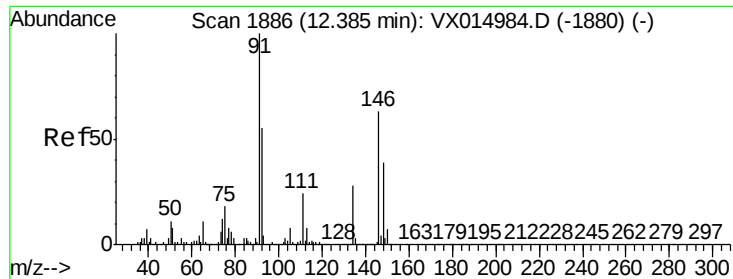
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	63.0	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 20.358 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.8	53.5
148	63.0	31.4	94.2

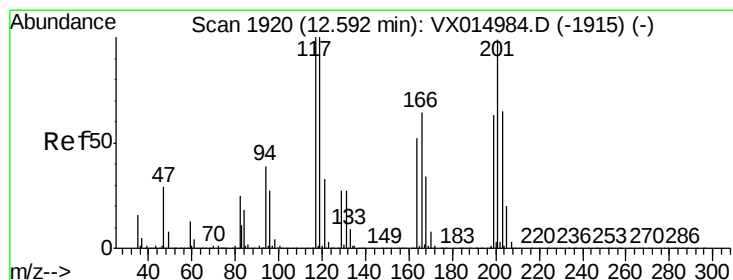
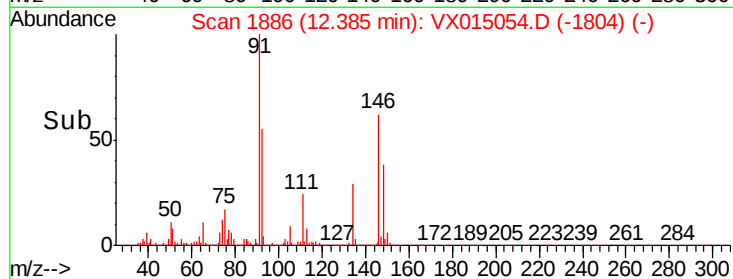
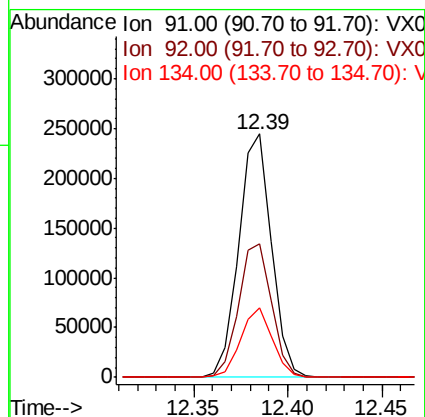
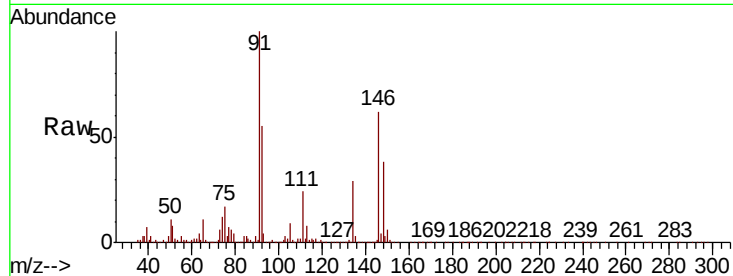




#85
n-Butylbenzene
Concen: 19.524 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

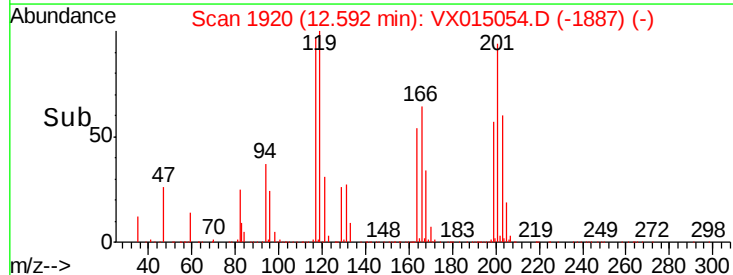
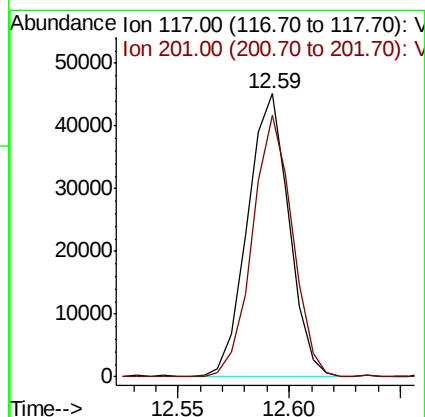
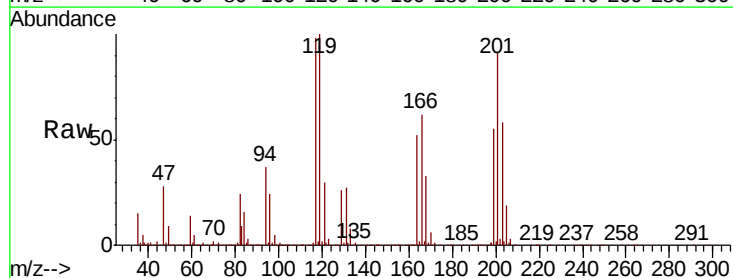
Instrument :
MSVOA_X
ClientSampleId :

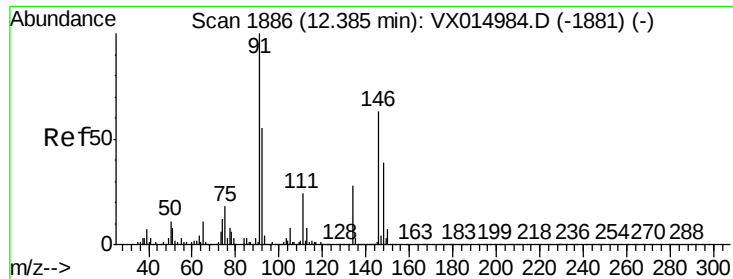
Tot Ion: 91 Resp: 294415
Ion Ratio Lower Upper
91 100
92 55.8 0.0 109.8
134 27.3 0.0 54.8



#86
Hexachloroethane
Concen: 18.603 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion: 117 Resp: 58269
Ion Ratio Lower Upper
117 100
201 89.4 45.6 136.7

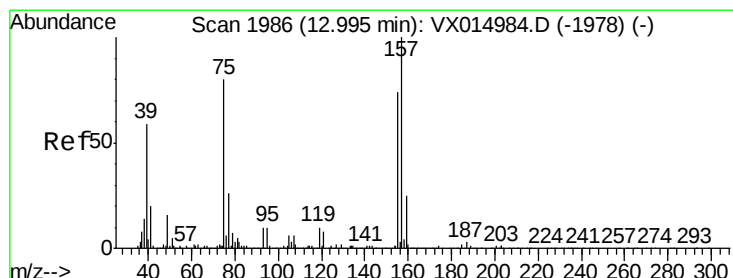
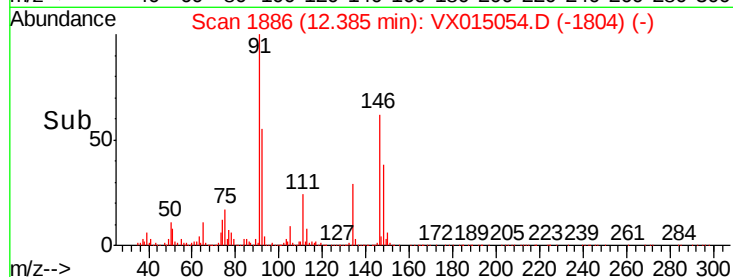
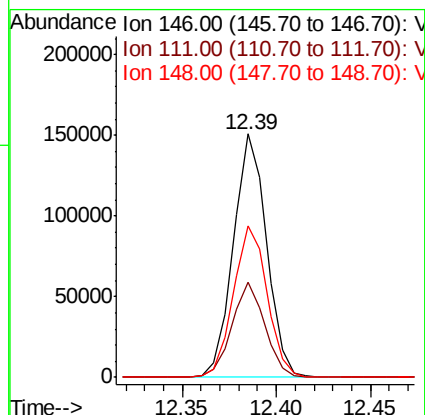
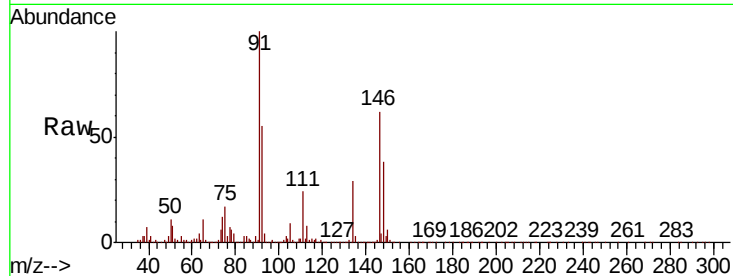




#87
 1,2-Dichlorobenzene
 Concen: 20.234 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

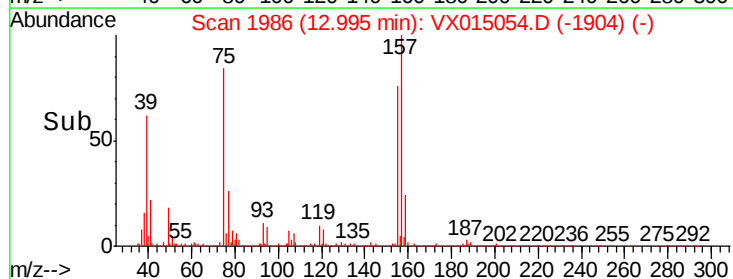
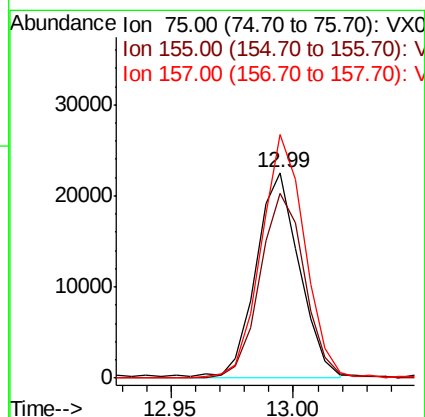
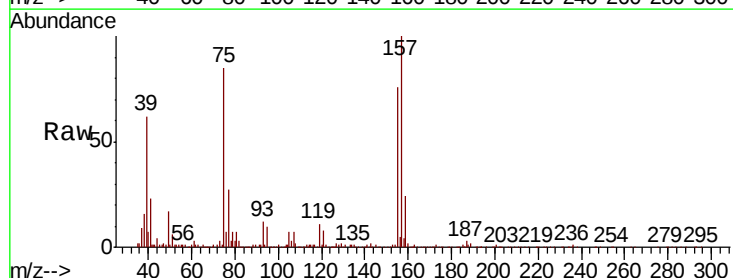
Instrument :
 MSVOA_X
 ClientSampleId :

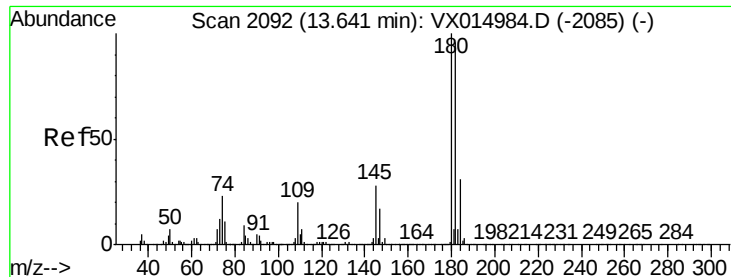
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	63.6	32.0	96.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.464 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015054.D
 Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	74.5	111.7
157	119.4	96.2	144.4





#89

1,2,4-Trichlorobenzene

Concen: 19.239 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

Instrument :

MSVOA_X

ClientSampleId :

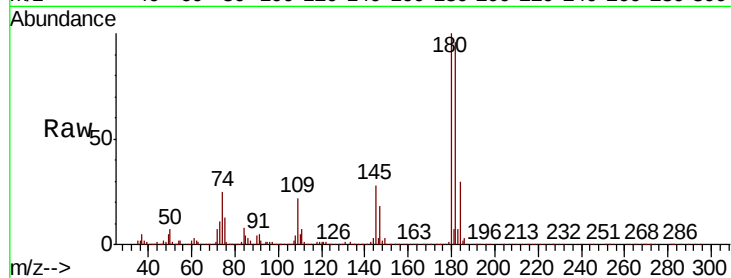
Tot Ion:180 Resp: 125445

Ion Ratio Lower Upper

180 100

182 96.5 76.4 114.6

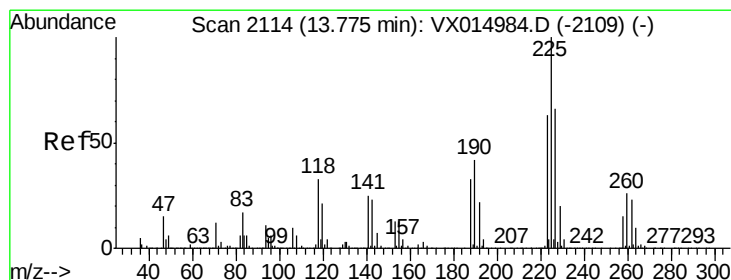
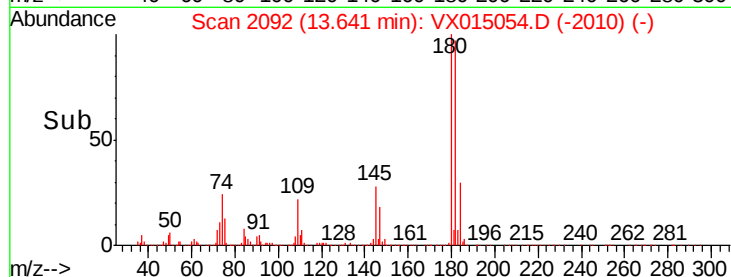
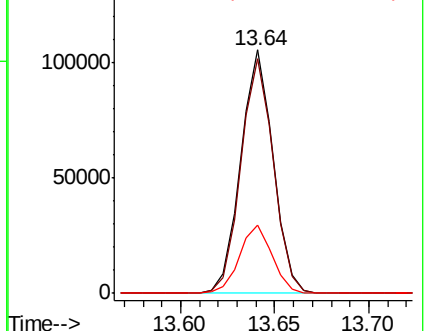
145 28.4 21.8 32.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 19.360 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015054.D

Acq: 28 Feb 2020 11:26

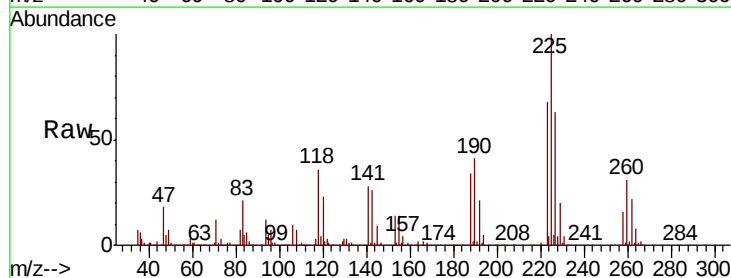
Tgt Ion:225 Resp: 62691

Ion Ratio Lower Upper

225 100

223 66.7 0.0 132.0

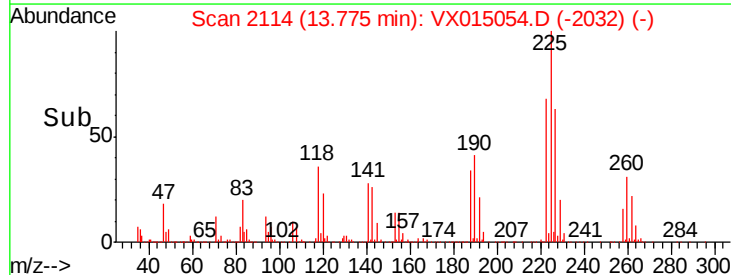
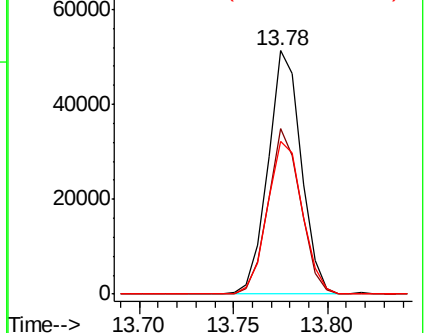
227 66.1 0.0 131.0

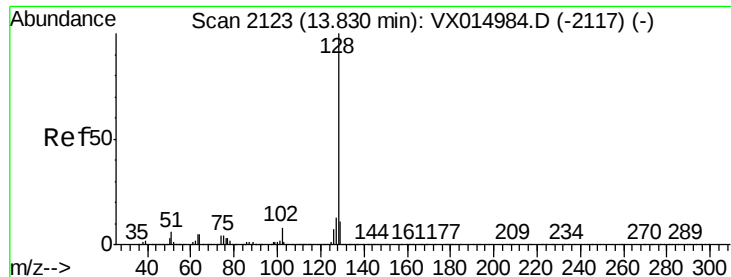


Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

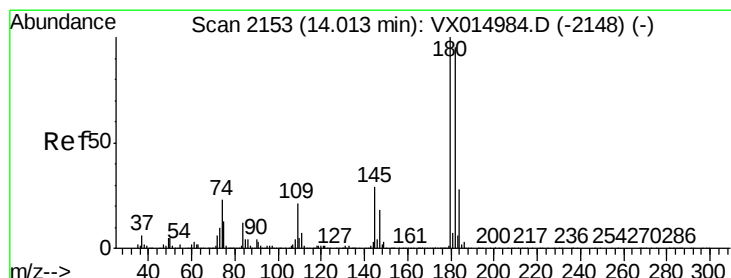
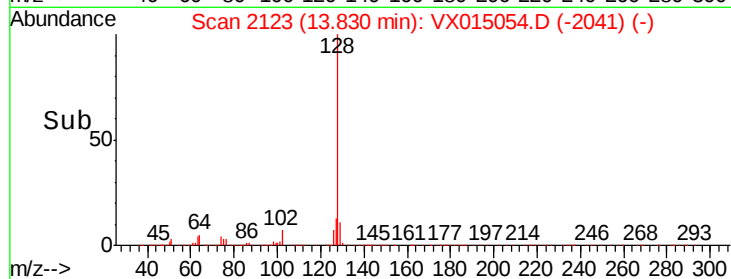
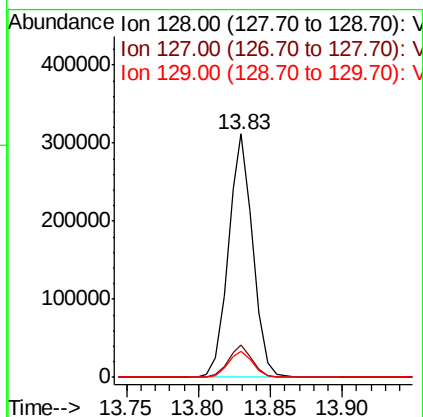
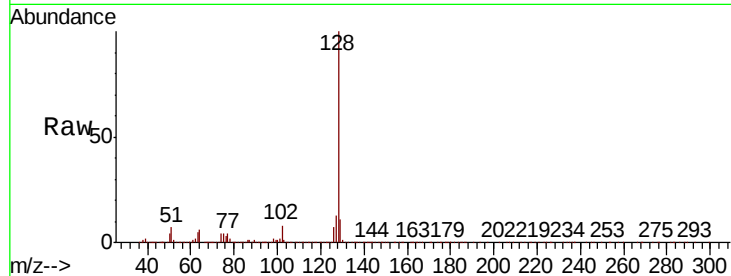




#91
Naphthalene
Concen: 19.999 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	13.0



#92
1,2,3-Trichlorobenzene
Concen: 20.098 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015054.D
Acq: 28 Feb 2020 11:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	192.4
145	29.2	0.0	60.4

