

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015216.D
 Acq On : 11 Mar 2020 21:48
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 08:28:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:23:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	48209	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	274868	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	252055	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	100459	30.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.73%
60) 4-Bromofluorobenzene	11.14	95	119708	30.52	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.73%
63) Toluene-d8	8.71	98	332355	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	347231	158.511	ug/l 98
3) Chloromethane	1.31	50	502747	173.911	ug/l 96
4) Vinyl Chloride	1.40	62	510348	165.450	ug/l 98
5) Bromomethane	1.63	94	322179	150.802	ug/l 95
6) Chloroethane	1.70	64	312890	155.071	ug/l 97
7) Trichlorofluoromethane	1.92	101	636548	146.688	ug/l 99
8) Diethyl Ether	2.18	74	283381	152.927	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	378194	149.834	ug/l 98
10) 1,1-Dichloroethene	2.36	96	396909	154.641	ug/l 96
11) Methyl Iodide	2.50	142	500881	165.609	ug/l 95
12) Methyl Acetate	2.76	43	513160	159.449	ug/l 99
13) Acrolein	2.28	56	397214	653.841	ug/l 100
14) Acrylonitrile	3.13	53	1201507	820.963	ug/l 99
15) Acetone	2.44	58	301694	624.863	ug/l 86
16) Carbon Disulfide	2.56	76	1164219	167.543	ug/l 100
17) Allyl chloride	2.72	41	754166	166.144	ug/l 97
18) Methylene Chloride	2.84	84	453748	153.444	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	442008	157.814	ug/l 95
20) Diisopropyl ether	3.84	45	1520119	165.609	ug/l 93
21) 1,1-Dichloroethane	3.69	63	798968	159.340	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	510438	159.208	ug/l 98
23) tert-Butyl Alcohol	3.05	59	483435	837.822	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	1329526	156.867	ug/l 99
25) Chloroform	5.20	83	770700	154.044	ug/l 98
26) Cyclohexane	5.57	56	758780	168.926	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	602315	152.277	ug/l 100
30) 2-Butanone	4.66	43	1646828	731.864	ug/l 100
31) 2,2-Dichloropropane	4.58	77	540465	129.422	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	661985	148.643	ug/l 99
33) Carbon Tetrachloride	5.78	117	582024	149.639	ug/l 99
34) Benzene	6.14	78	1848027	153.863	ug/l 97
35) Methacrylonitrile	5.03	41	375103	159.923	ug/l 96
36) 1,2-Dichloroethane	6.19	62	604643	144.699	ug/l 99
37) Trichloroethene	7.21	130	510367	151.171	ug/l 98
38) Methylcyclohexane	7.46	83	753917	155.128	ug/l 98
39) 1,2-Dichloropropane	7.51	63	488794	157.191	ug/l 98
40) Dibromomethane	7.65	93	308484	150.173	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	626802	155.921	ug/l	97
42) Vinyl Acetate	3.81	43	6509002	801.556	ug/l	99
43) Ethyl Acetate	4.82	43	657938	156.908	ug/l #	94
44) Isopropyl Acetate	6.44	43	1103503	159.009	ug/l	99
45) 1,4-Dioxane	7.73	88	231890	3509.347	ug/l	97
46) Methyl methacrylate	7.76	41	554293	160.993	ug/l	94
47) n-amyl Acetate	10.89	43	989771	165.052	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	718788	161.403	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	779055	158.018	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	467012	152.690	ug/l	96
51) Ethyl methacrylate	9.17	69	784188	166.229	ug/l	100
52) 1,3-Dichloropropane	9.37	76	796954	153.925	ug/l	100
53) Dibromochloromethane	9.58	129	524583	160.145	ug/l	100
54) 1,2-Dibromoethane	9.67	107	488656	150.786	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	1931250	773.947	ug/l	100
56) Bromoform	10.85	173	401743	157.440	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	3354805	796.263	ug/l	99
59) 2-Hexanone	9.49	43	2565361	790.760	ug/l	99
61) Tetrachloroethene	9.33	164	501812	146.389	ug/l	99
62) Toluene	8.78	91	1995379	153.122	ug/l	100
64) Chlorobenzene	10.14	112	1207027	145.233	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	450199	146.465	ug/l	100
66) Ethyl Benzene	10.25	91	2109574	147.360	ug/l	98
67) m/p-Xylenes	10.36	106	1613815	292.285	ug/l	99
68) o-Xylene	10.70	106	787265	147.522	ug/l	99
69) Styrene	10.71	104	1405713	153.197	ug/l	99
70) Isopropylbenzene	11.01	105	2100781	148.495	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	668357	146.107	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	796228	204.284	ug/l	94
73) Bromobenzene	11.25	156	564288	147.649	ug/l	99
74) n-propylbenzene	11.35	91	2419429	149.838	ug/l	99
75) 2-Chlorotoluene	11.42	91	1396241	146.887	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1749439	147.867	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	242636	159.516	ug/l	95
78) 4-Chlorotoluene	11.51	91	1639646	148.227	ug/l	98
79) tert-butylbenzene	11.76	119	1718037	150.683	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	1797669	152.267	ug/l	100
81) sec-Butylbenzene	11.94	105	2084253	151.691	ug/l	100
82) p-Isopropyltoluene	12.06	119	1898969	149.707	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	1013447	150.442	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	1032078	152.343	ug/l	100
85) n-Butylbenzene	12.39	91	1725859	155.419	ug/l	99
86) Hexachloroethane	12.59	117	356151	154.433	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	1000617	150.030	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	147309	149.809	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	767945	159.045	ug/l	99
90) Hexachlorobutadiene	13.78	225	374967	156.951	ug/l	98
91) Naphthalene	13.83	128	2207592	162.378	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	760341	158.024	ug/l	98

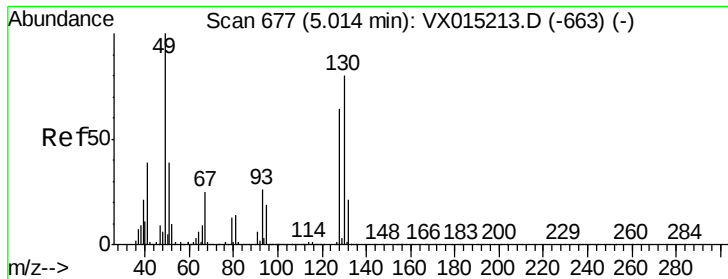
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

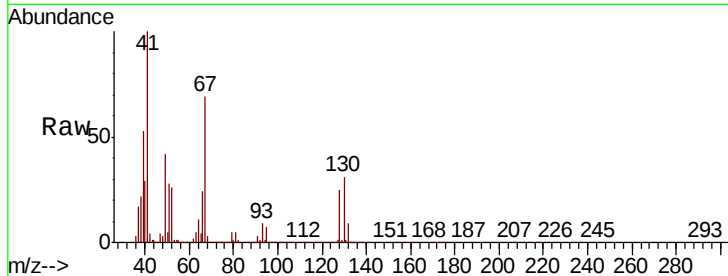


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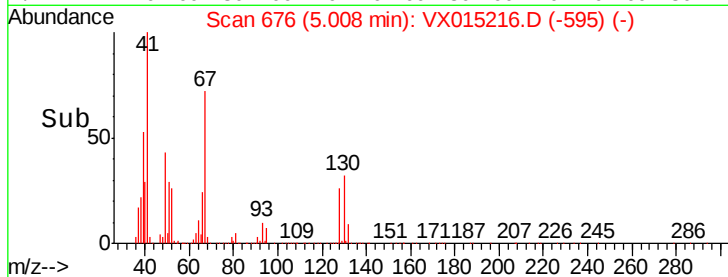
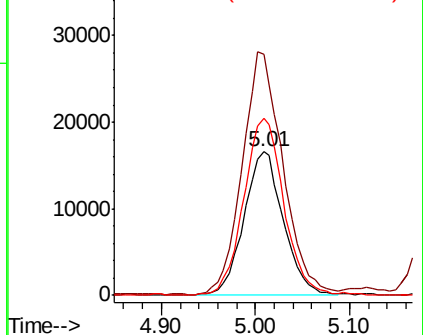
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 48209
Ion Ratio Lower Upper
128 100
49 175.0 0.0 410.8
130 126.5 0.0 324.3



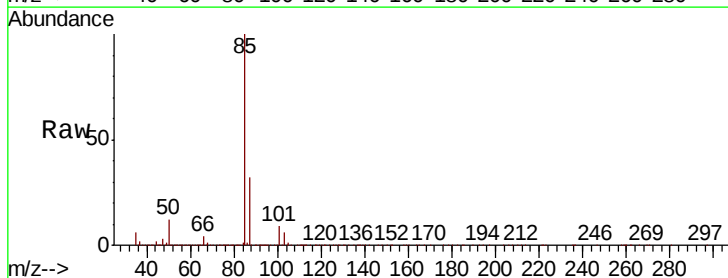
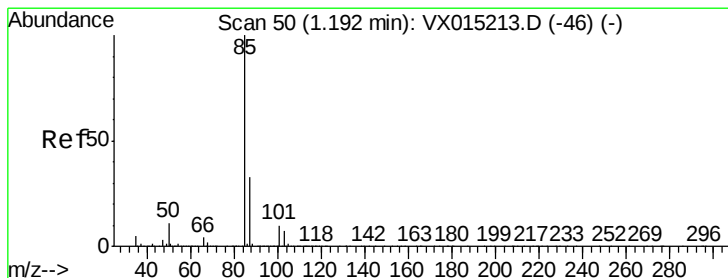
Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



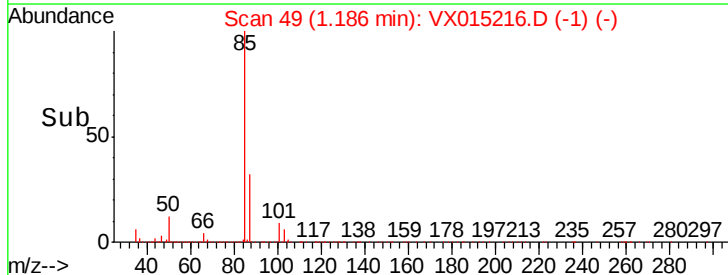
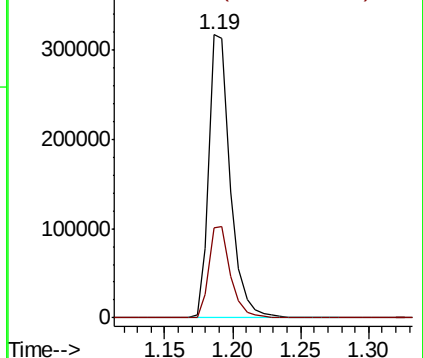
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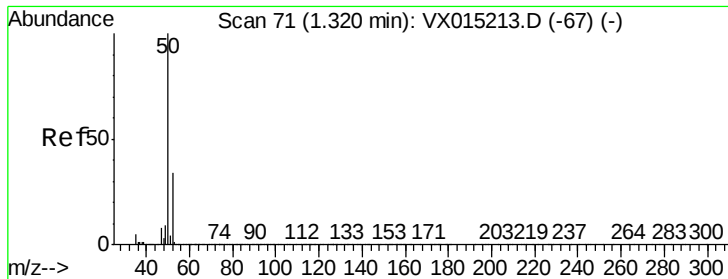
Dichlorodifluoromethane
Concen: 158.511 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 85 Resp: 347231
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 173.911 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

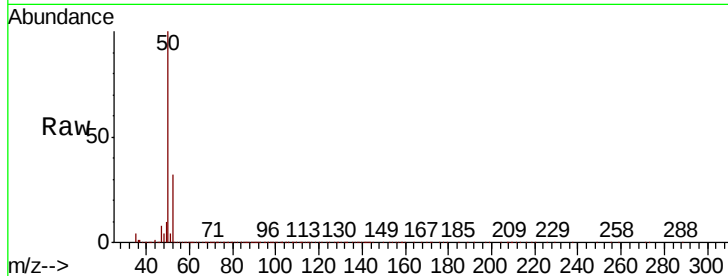
ClientSampled :

Tot Ion: 50 Resp: 502747

Ion Ratio Lower Upper

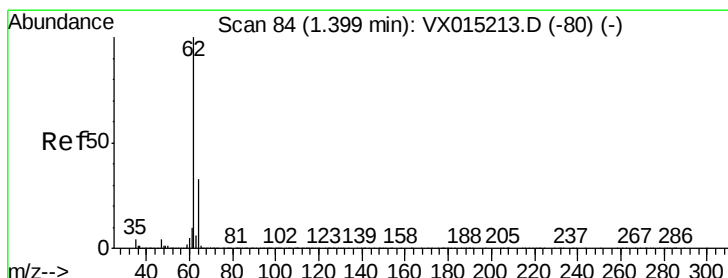
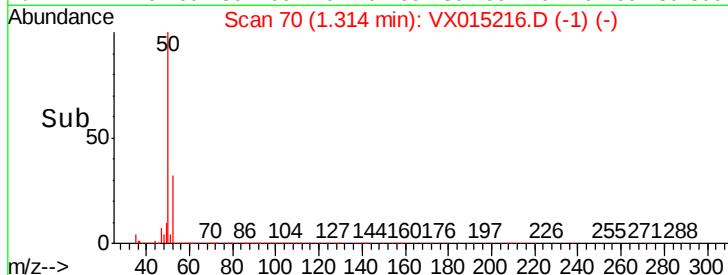
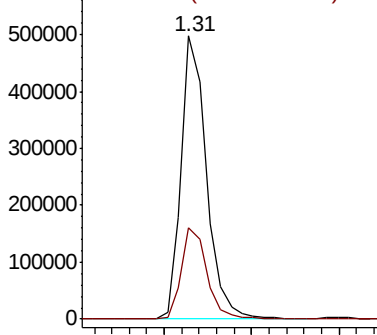
50 100

52 32.1 27.4 41.0



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 165.450 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015216.D

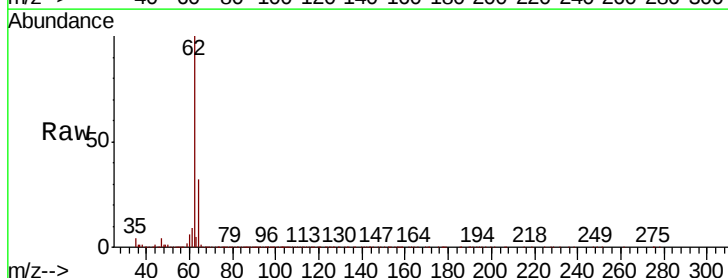
Acq: 11 Mar 2020 21:48

Tgt Ion: 62 Resp: 510348

Ion Ratio Lower Upper

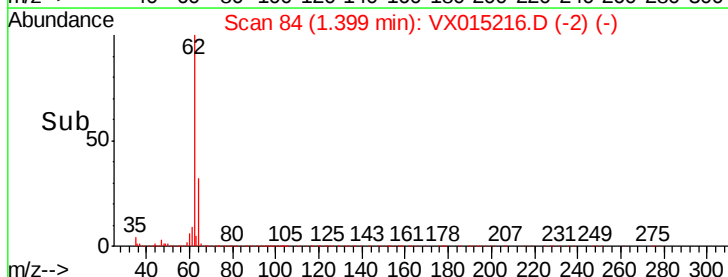
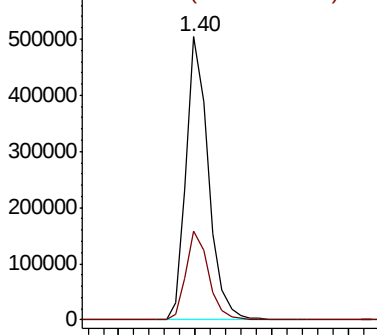
62 100

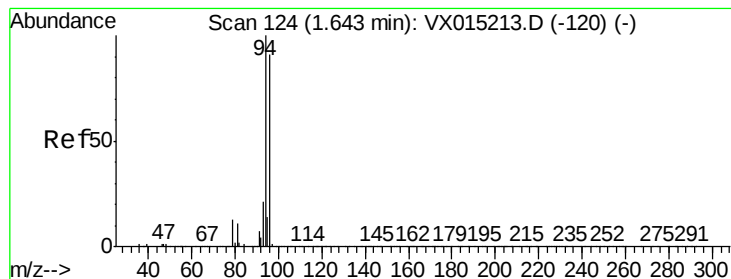
64 31.5 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 150.802 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

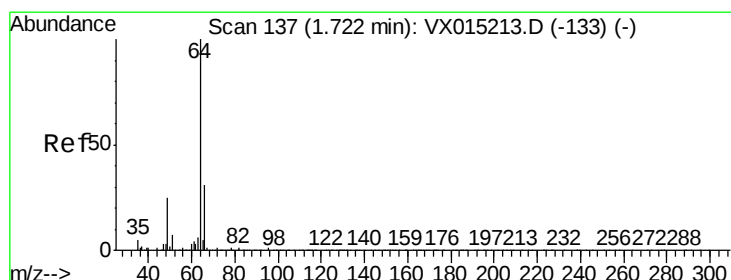
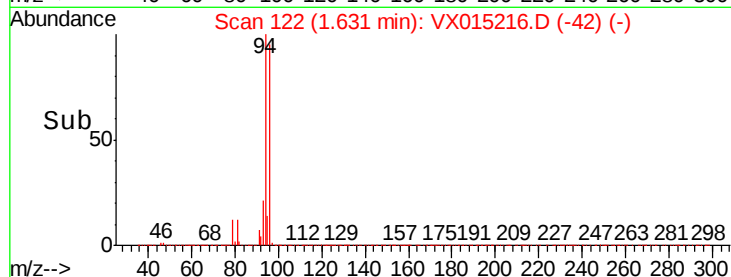
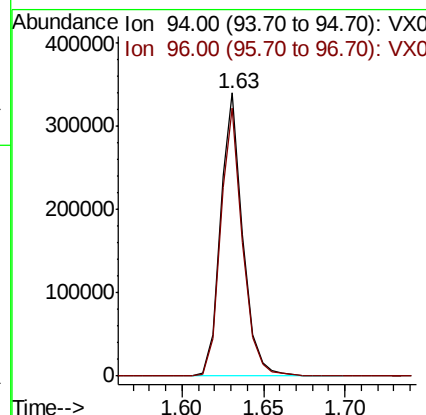
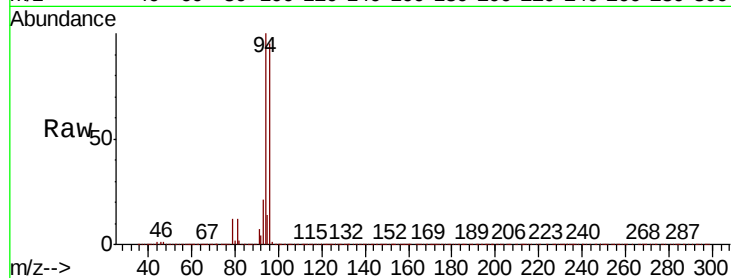
ClientSampleId :

Tot Ion: 94 Resp: 322179

Ion Ratio Lower Upper

94 100

96 94.7 72.2 108.2



#6

Chloroethane

Concen: 155.071 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.02 min

Lab File: VX015216.D

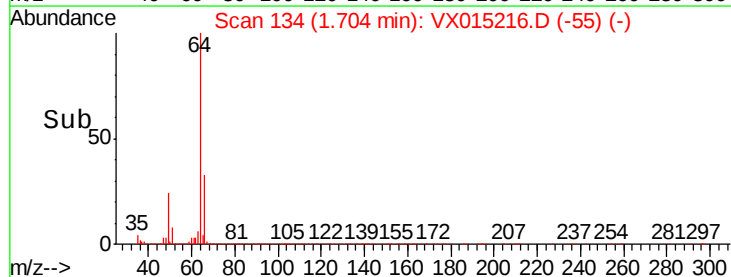
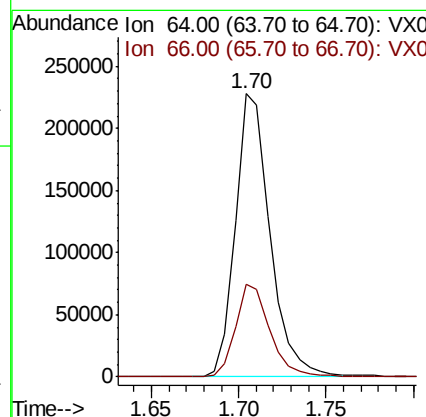
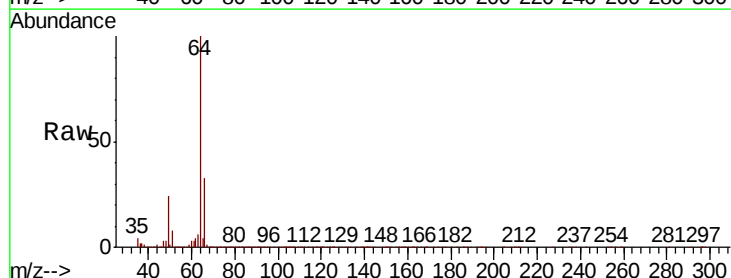
Acq: 11 Mar 2020 21:48

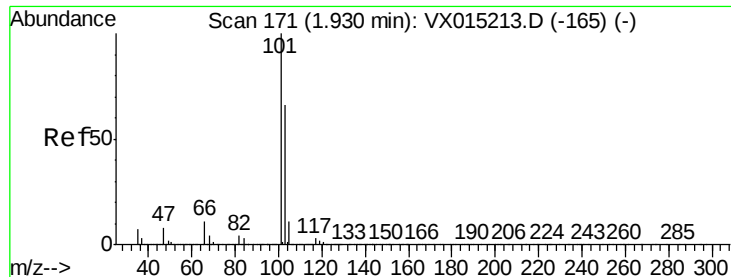
Tgt Ion: 64 Resp: 312890

Ion Ratio Lower Upper

64 100

66 32.7 24.9 37.3



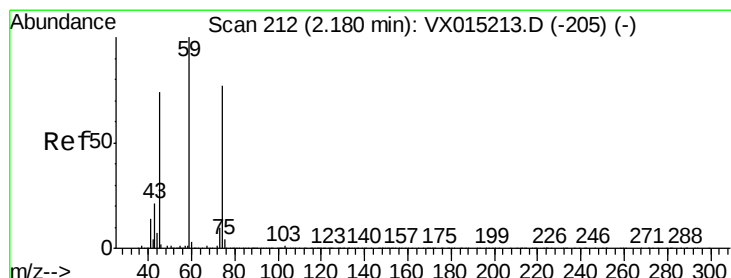
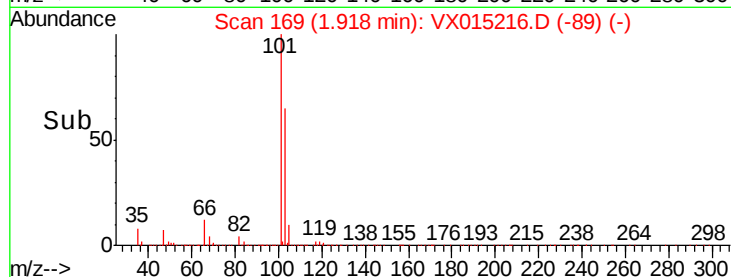
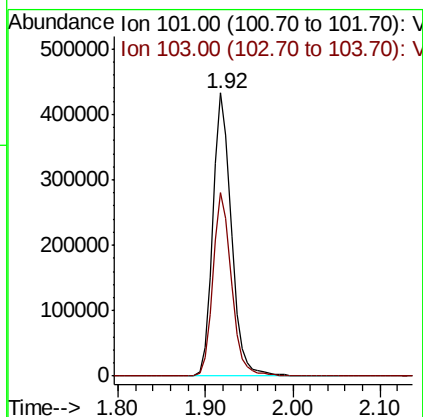
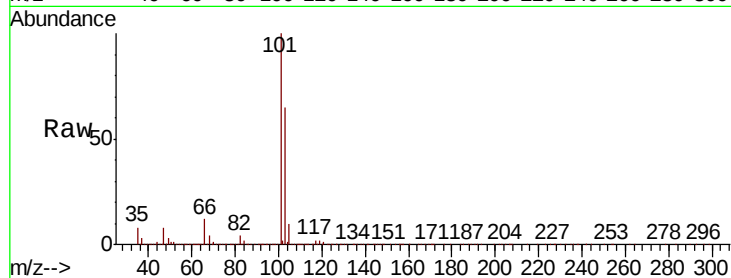


#7

Trichlorofluoromethane
Concen: 146.688 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Instrument :
MSVOA_X
ClientSampleId :

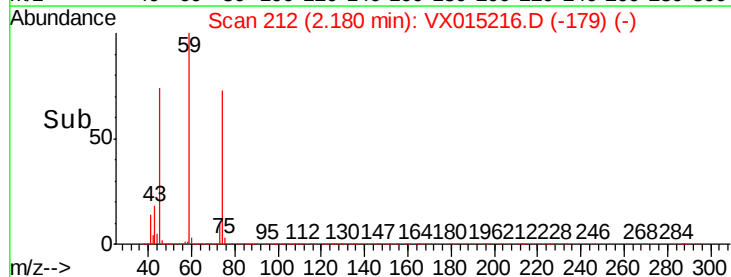
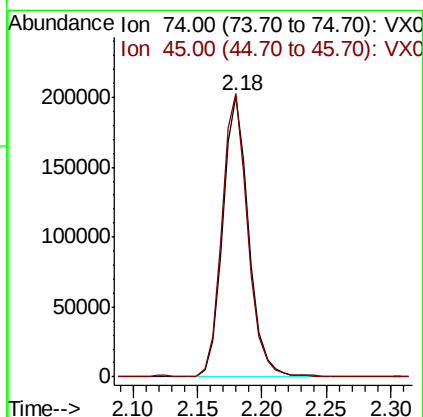
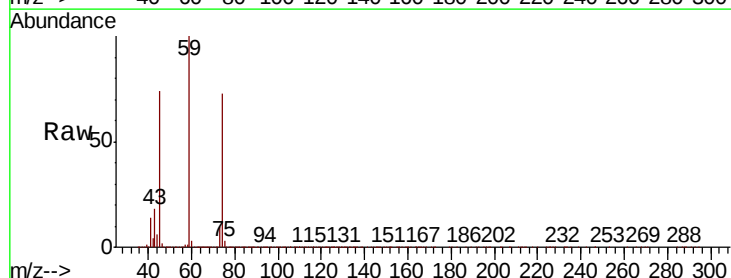
Tot Ion:101 Resp: 636548
Ion Ratio Lower Upper
101 100
103 65.0 52.5 78.7

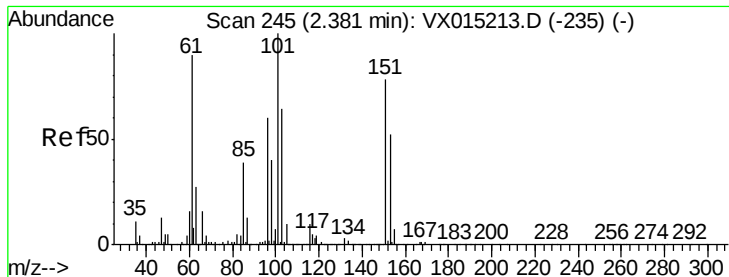


#8

Diethyl Ether
Concen: 152.927 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 74 Resp: 283381
Ion Ratio Lower Upper
74 100
45 100.7 19.1 171.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.834 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampled :

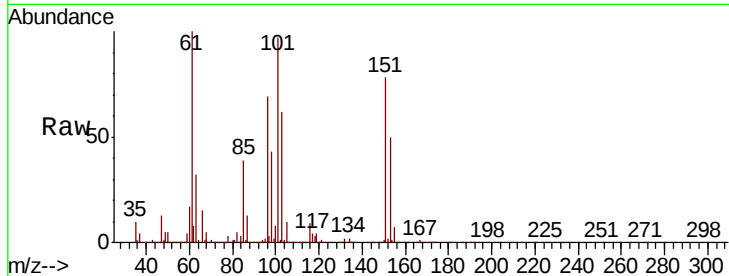
Tot Ion:101 Resp: 378194

Ion Ratio Lower Upper

101 100

85 40.8 0.0 84.6

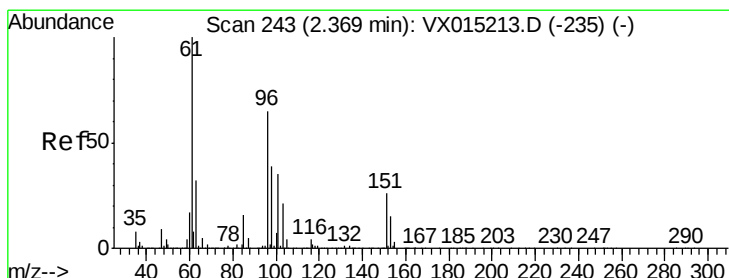
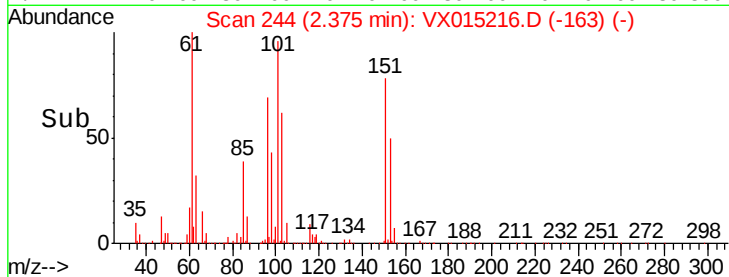
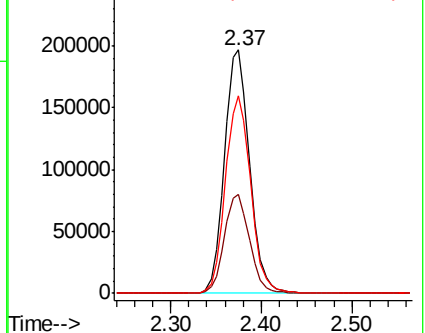
151 81.9 0.0 161.8



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: 154.641 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

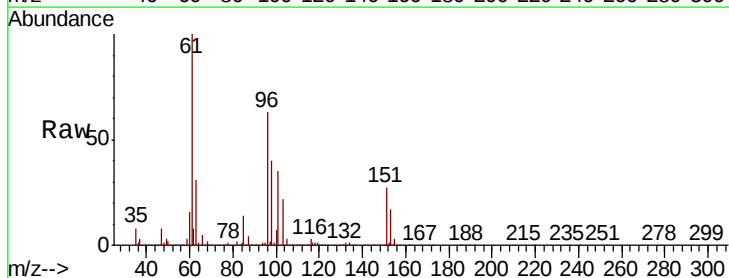
Tgt Ion: 96 Resp: 396909

Ion Ratio Lower Upper

96 100

61 159.2 123.1 184.7

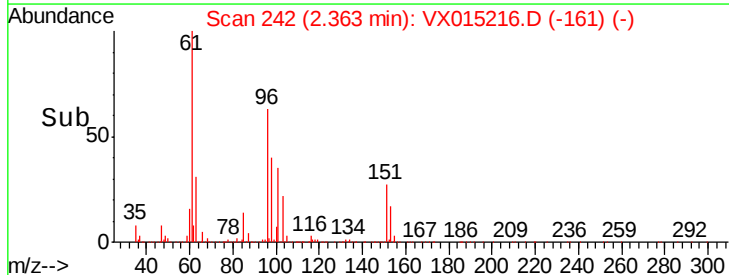
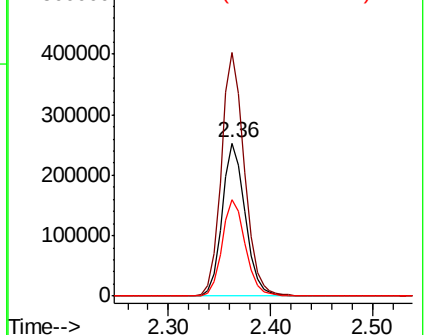
98 63.4 48.1 72.1

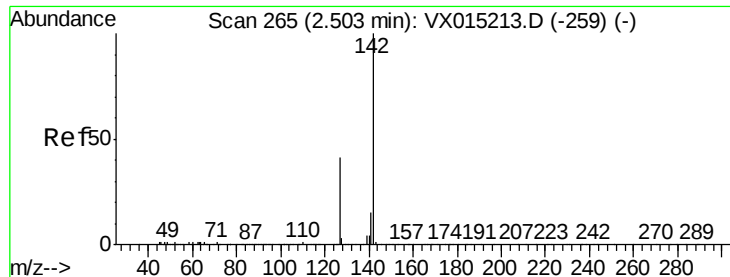


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

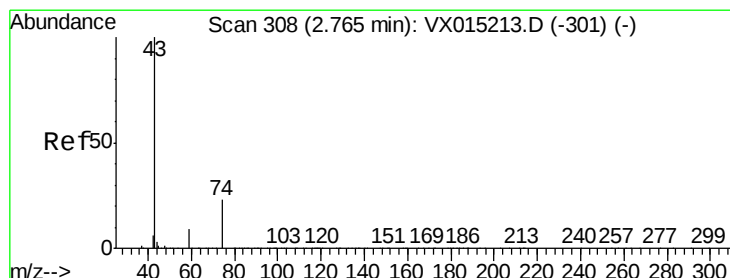
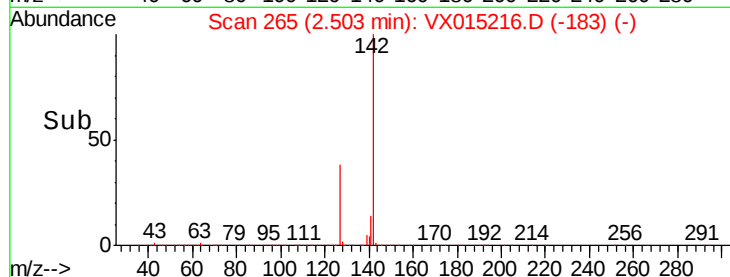
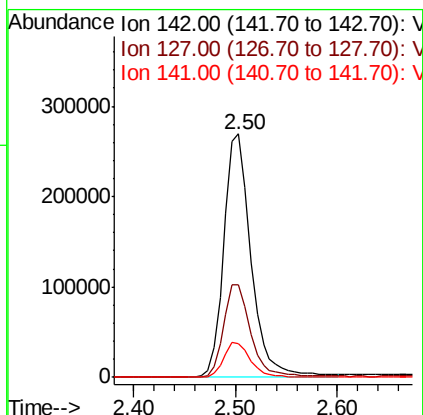
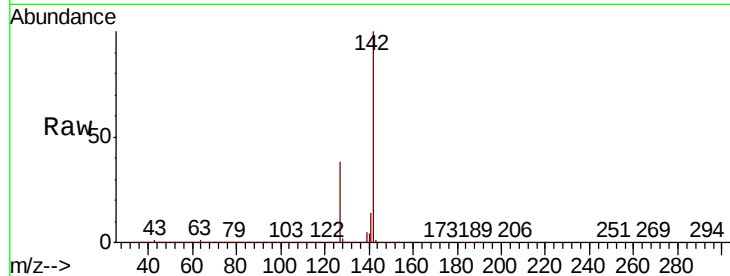




#11
Methvl Iodide
Concen: 165.609 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

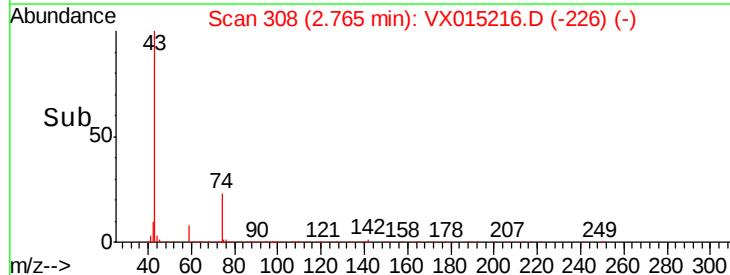
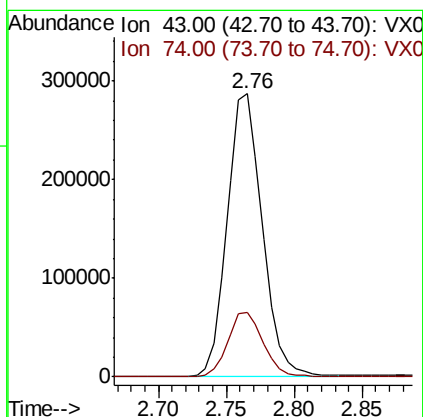
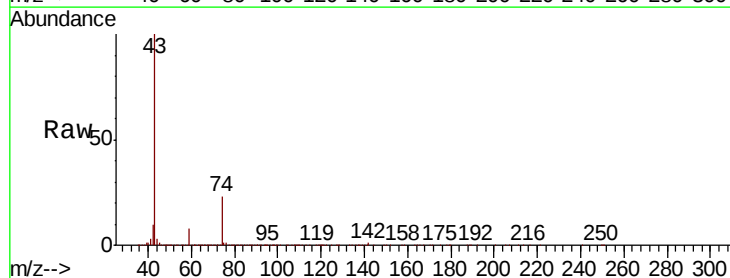
Instrument :
MSVOA_X
ClientSampleId :

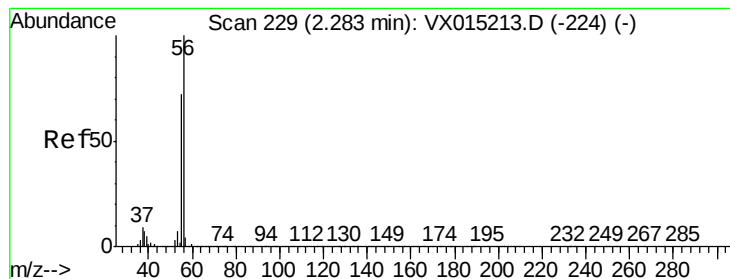
Tot Ion:142 Resp: 500881
Ion Ratio Lower Upper
142 100
127 38.0 20.7 62.1
141 14.0 7.5 22.6



#12
Methyl Acetate
Concen: 159.449 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 43 Resp: 513160
Ion Ratio Lower Upper
43 100
74 22.4 18.3 27.5





#13

Acrolein

Concen: 653.841 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

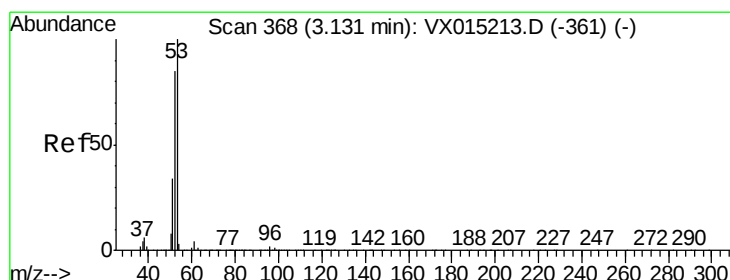
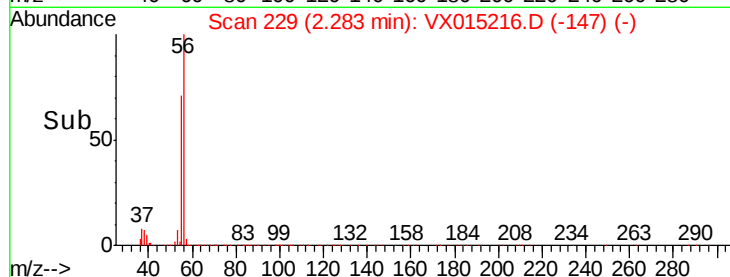
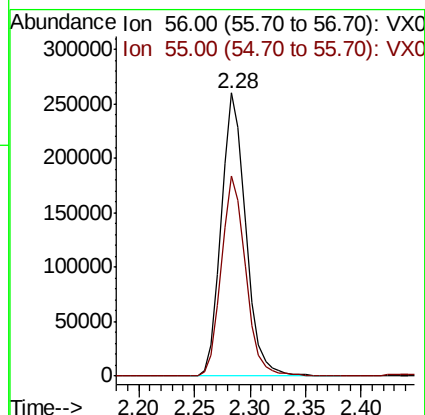
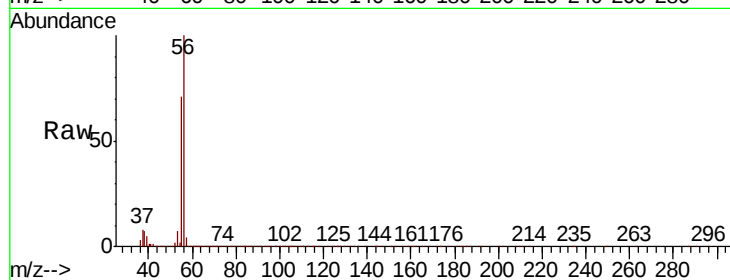
ClientSampleId :

Tot Ion: 56 Resp: 397214

Ion Ratio Lower Upper

56 100

55 69.9 56.2 84.4



#14

Acrylonitrile

Concen: 820.963 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

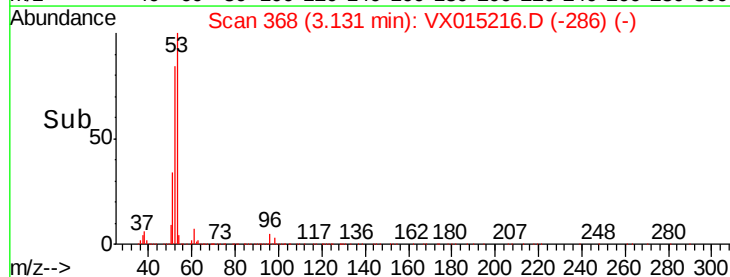
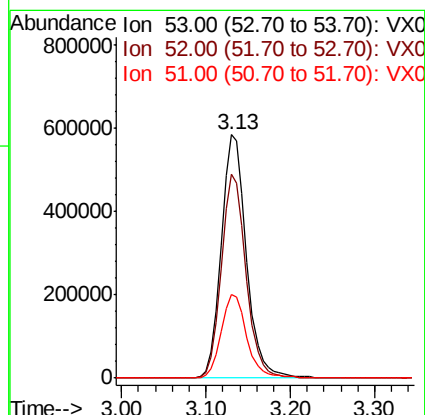
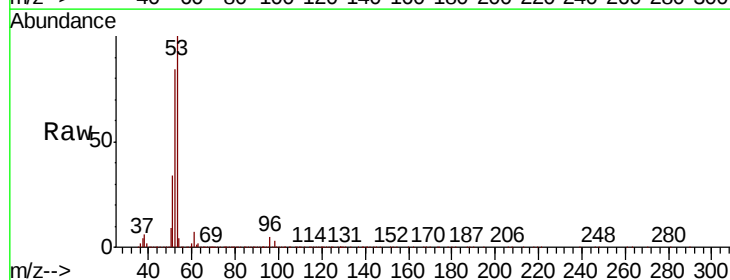
Tgt Ion: 53 Resp: 1201507

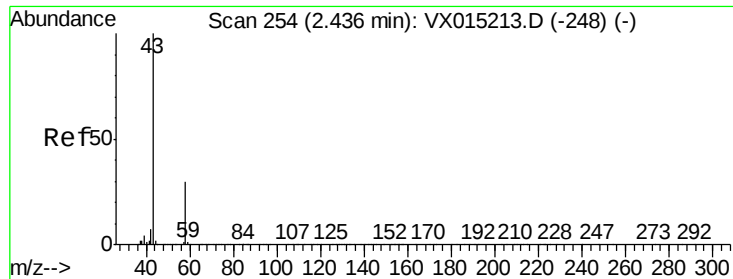
Ion Ratio Lower Upper

53 100

52 82.4 41.1 123.3

51 34.9 18.1 54.4





#15

Acetone

Concen: 624.863 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

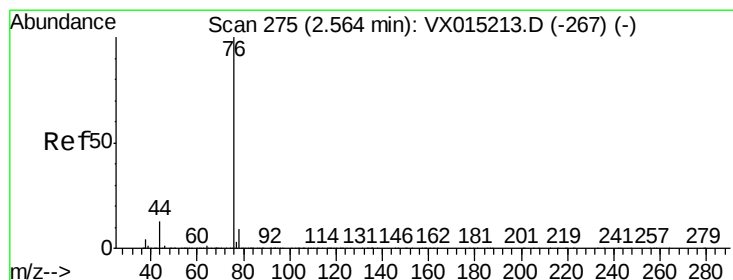
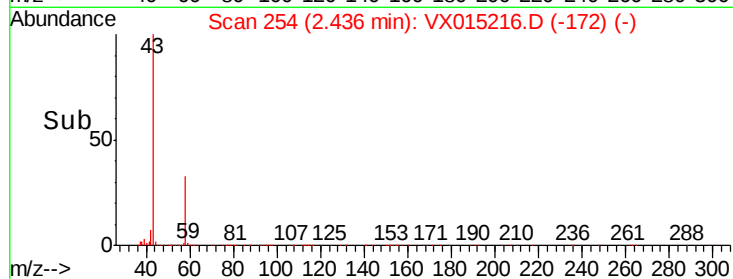
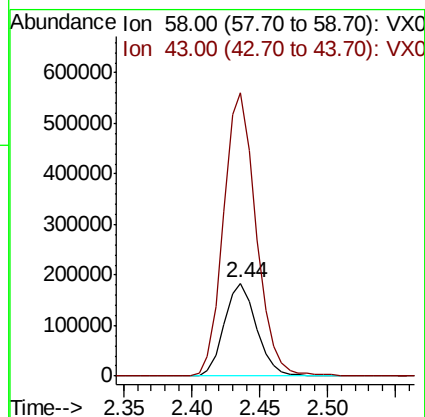
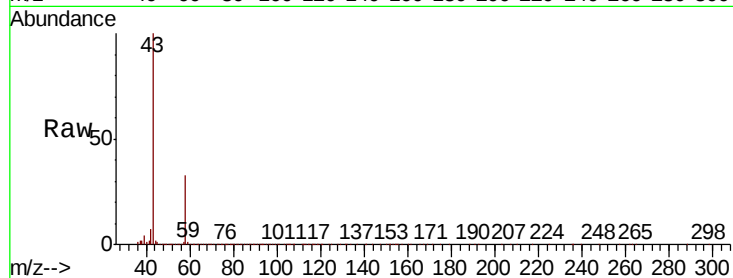
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 301694

Ion Ratio Lower Upper

58 100

43 304.4 267.7 401.5



#16

Carbon Disulfide

Concen: 167.543 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX015216.D

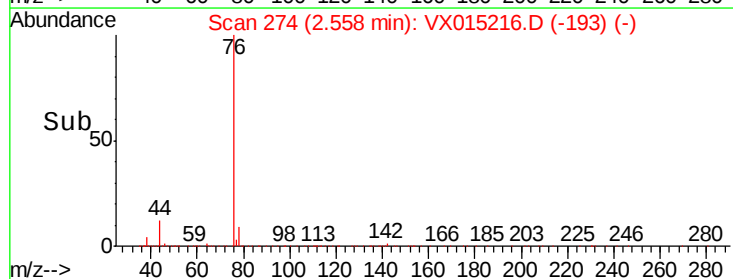
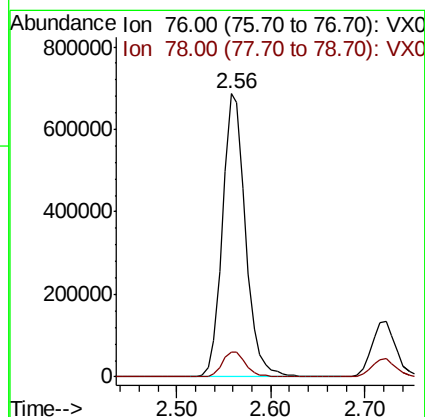
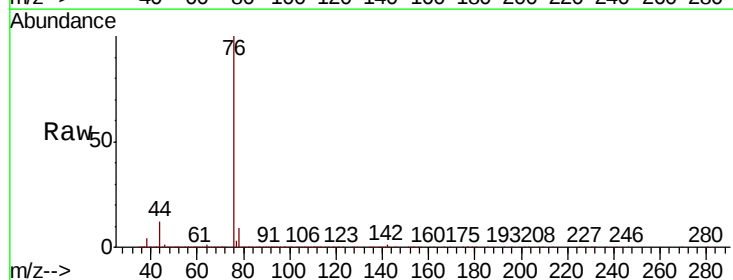
Acq: 11 Mar 2020 21:48

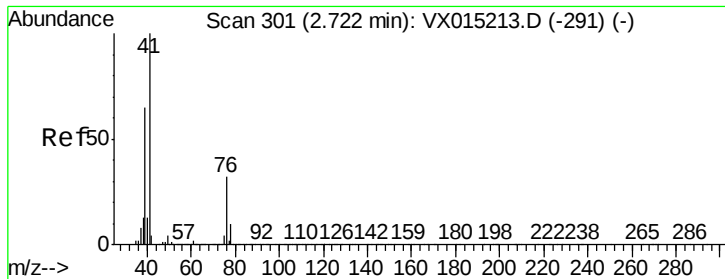
Tgt Ion: 76 Resp: 1164219

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

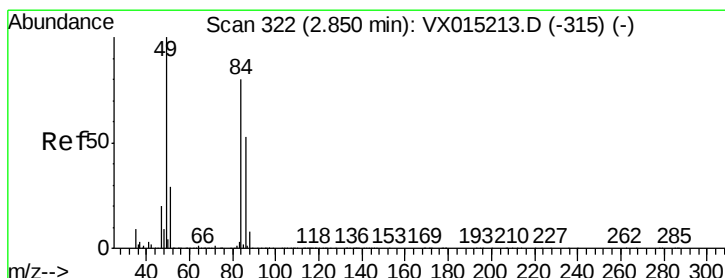
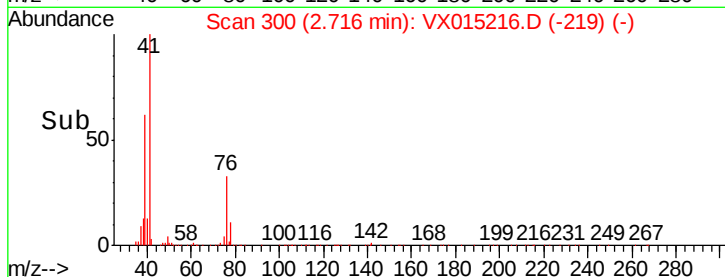
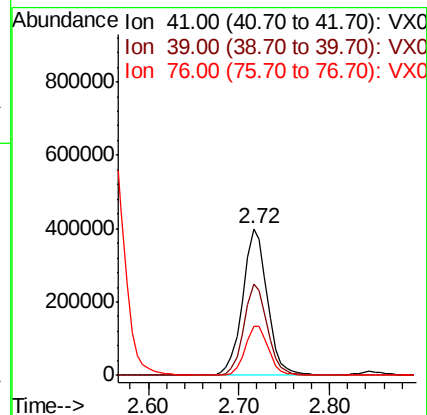
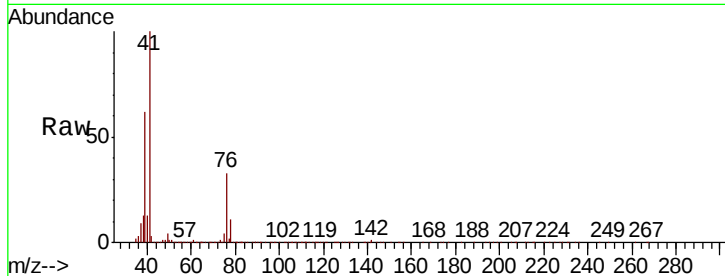




#17
Allvl chloride
Concen: 166.144 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

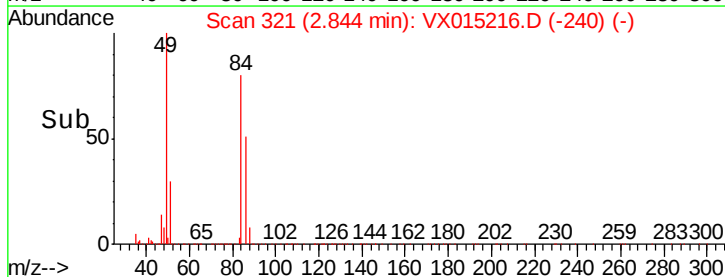
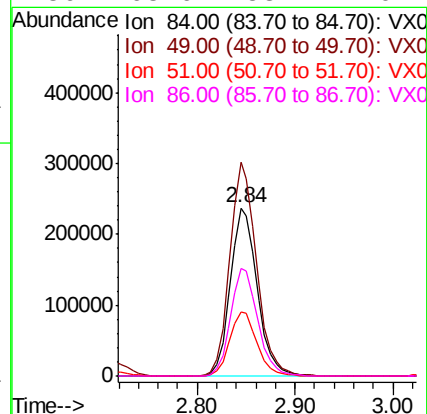
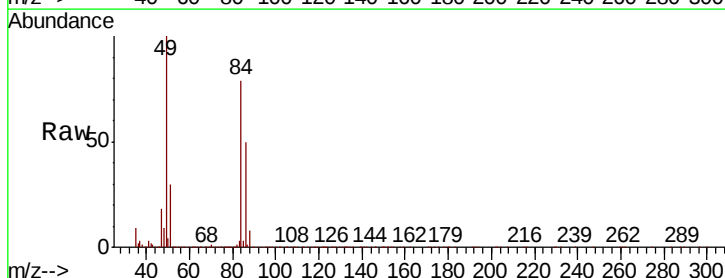
Instrument :
MSVOA_X
ClientSampleId :

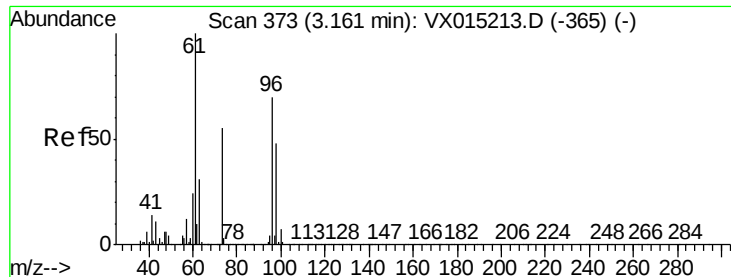
Tot Ion: 41 Resp: 754166
Ion Ratio Lower Upper
41 100
39 62.0 32.6 97.7
76 33.3 16.2 48.5



#18
Methylene Chloride
Concen: 153.444 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 84 Resp: 453748
Ion Ratio Lower Upper
84 100
49 126.9 100.5 150.7
51 37.7 28.7 43.1
86 63.6 53.1 79.7

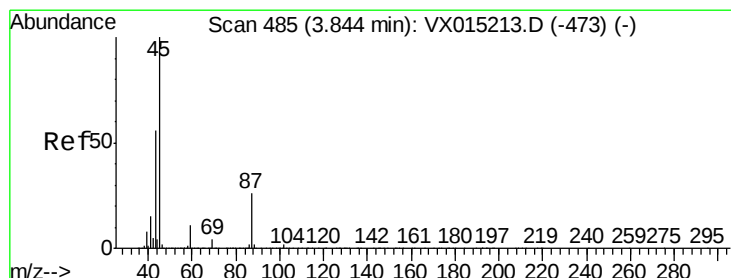
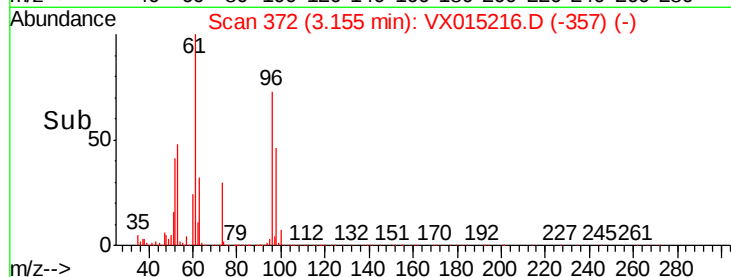
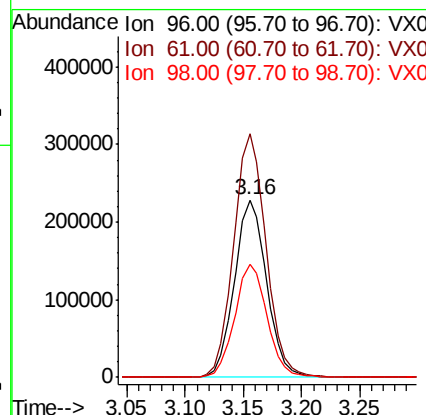
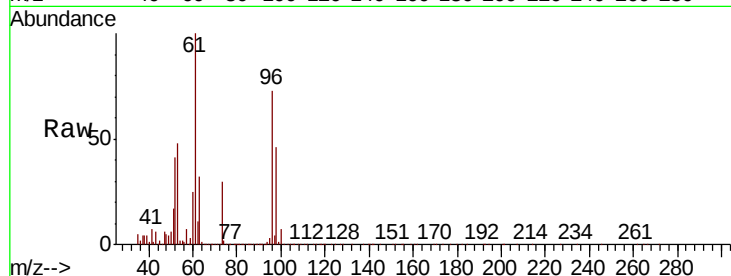




#19
trans-1,2-Dichloroethene
Concen: 157.814 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

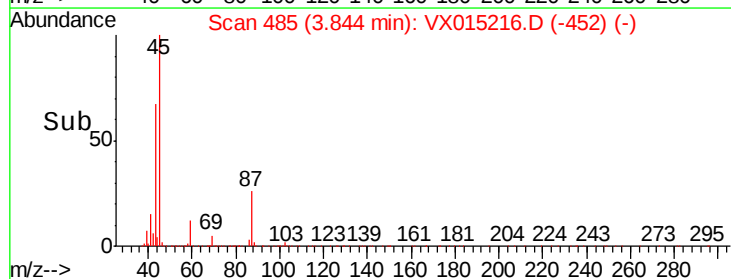
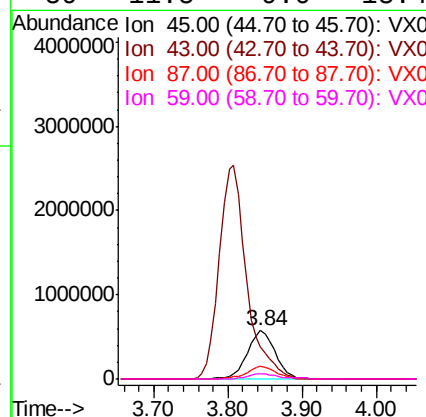
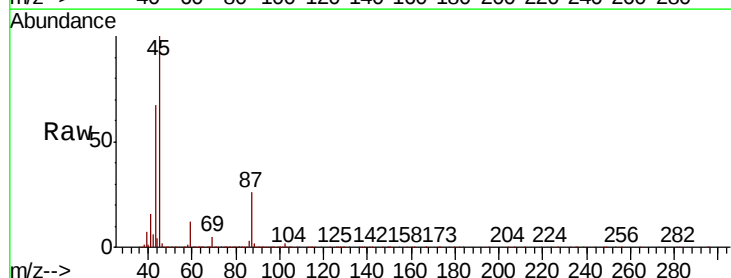
Instrument :
MSVOA_X
ClientSampleId :

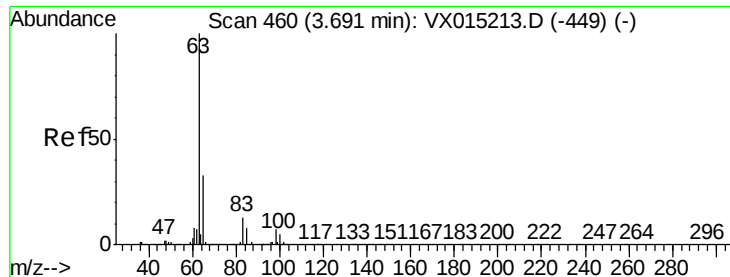
Tot Ion: 96 Resp: 442008
Ion Ratio Lower Upper
96 100
61 136.9 113.8 170.6
98 63.3 54.6 82.0



#20
Diisopropyl ether
Concen: 165.609 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 45 Resp: 1520119
Ion Ratio Lower Upper
45 100
43 66.5 60.3 90.5
87 25.9 21.0 31.6
59 11.5 9.0 13.4

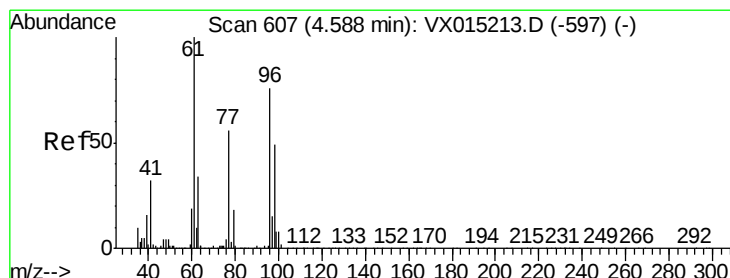
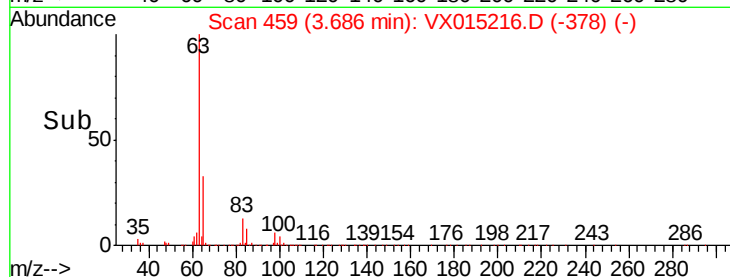
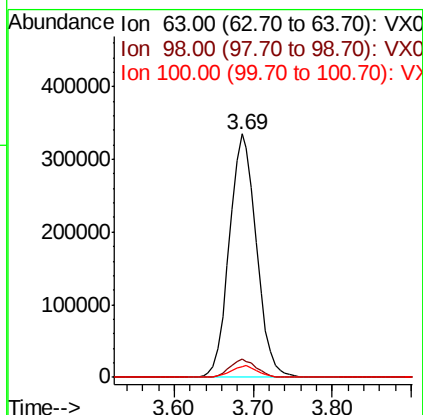
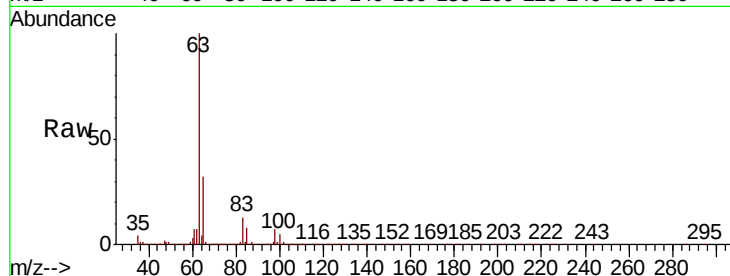




#21
1,1-Dichloroethane
Concen: 159.340 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

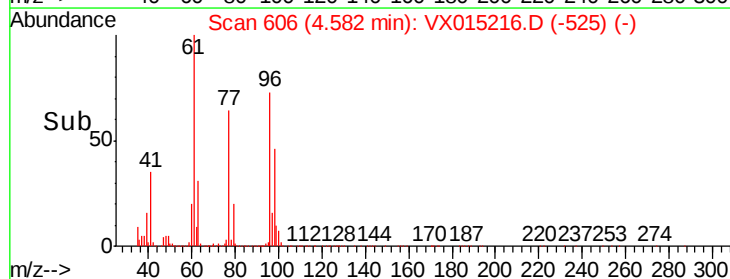
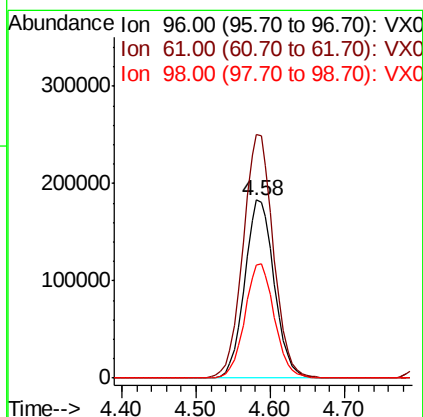
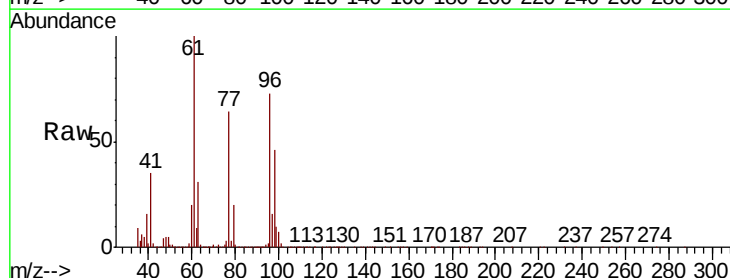
Instrument :
MSVOA_X
ClientSampleId :

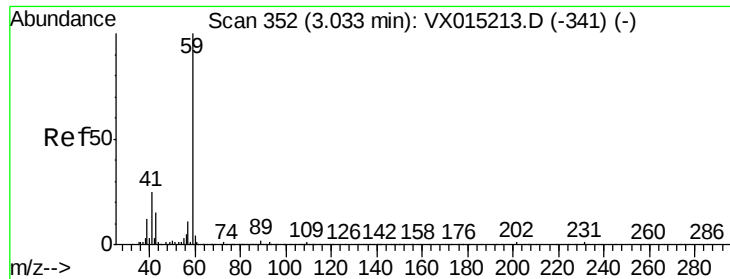
Tot Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.6	2.6	7.8



#22
cis-1,2-Dichloroethene
Concen: 159.208 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	109.3	163.9
98	64.1	51.3	76.9



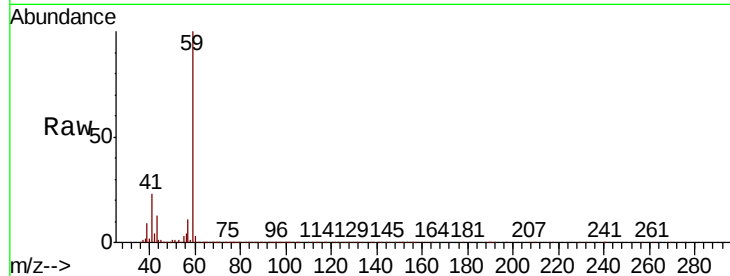


#23

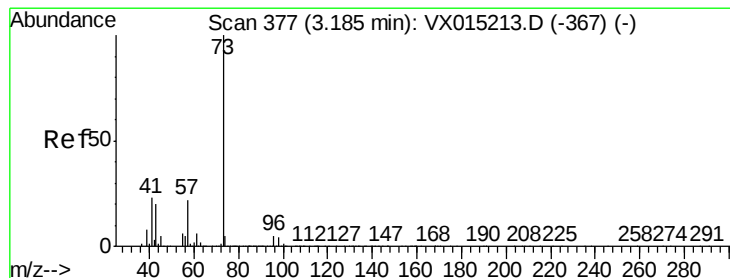
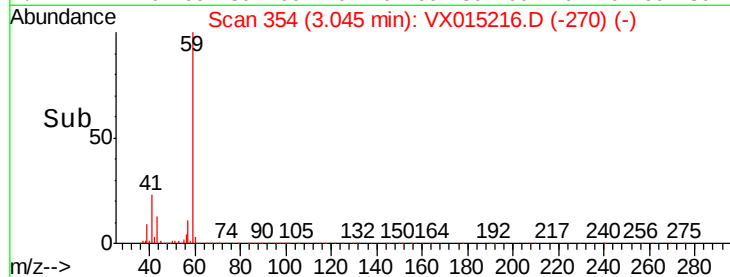
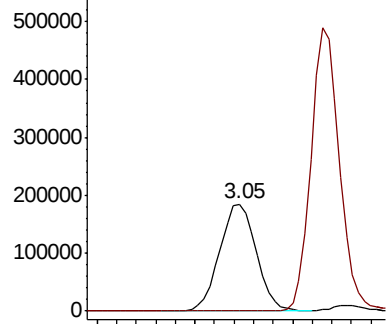
tert-Butyl Alcohol
Concen: 837.822 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 483435
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2#



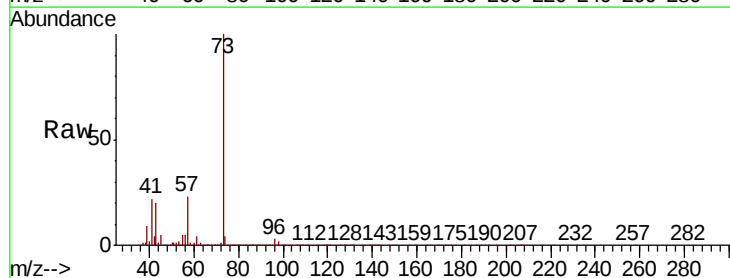
Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



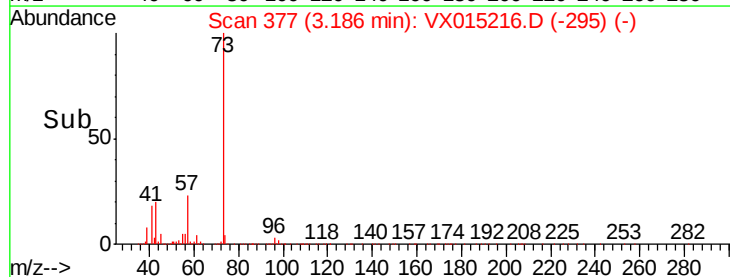
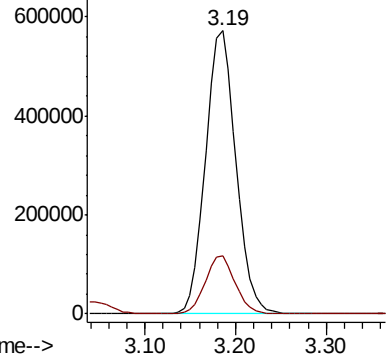
#24

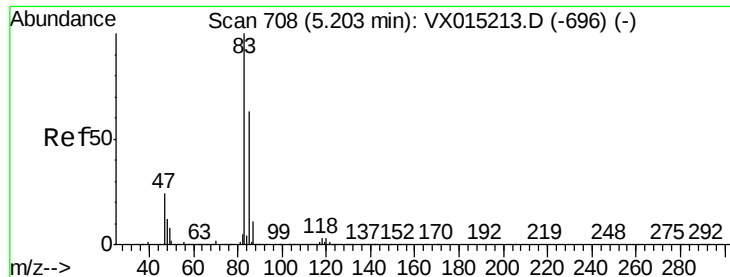
Methyl tert-Butyl Ether
Concen: 156.867 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 73 Resp: 1329526
Ion Ratio Lower Upper
73 100
43 20.1 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 154.044 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

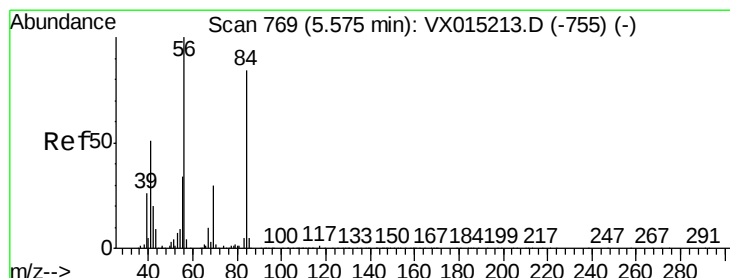
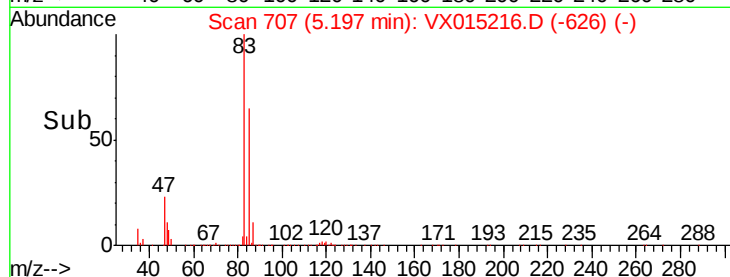
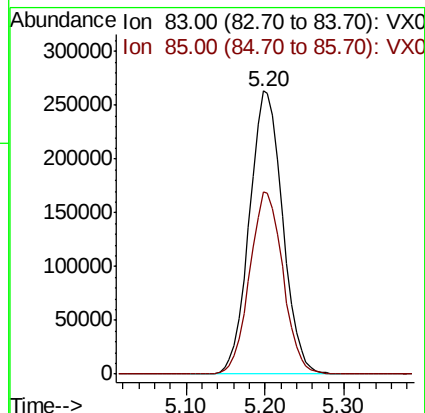
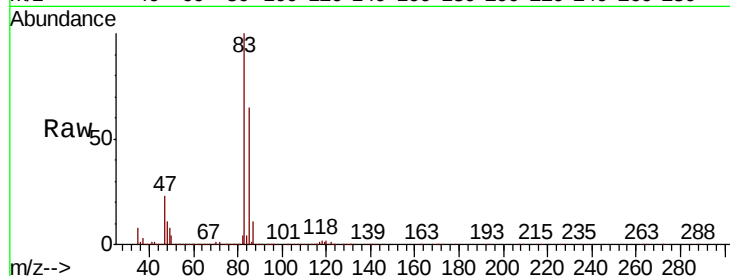
ClientSampled :

Tot Ion: 83 Resp: 770700

Ion Ratio Lower Upper

83 100

85 64.6 50.7 76.1



#26

Cyclohexane

Concen: 168.926 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

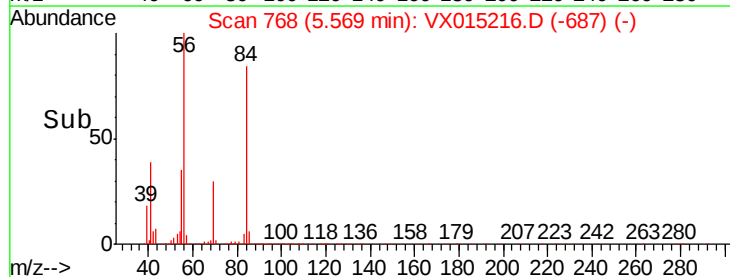
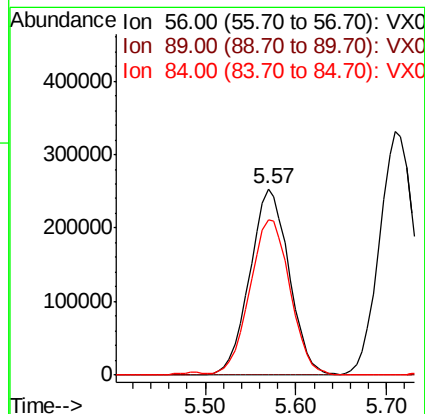
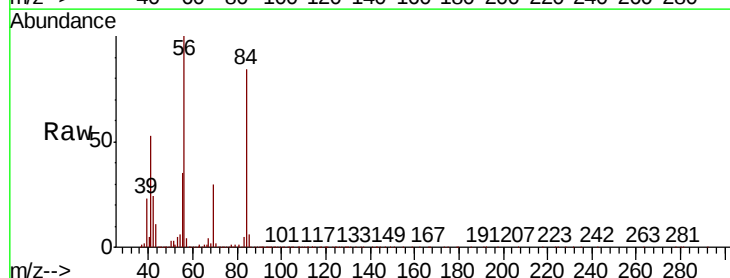
Tgt Ion: 56 Resp: 758780

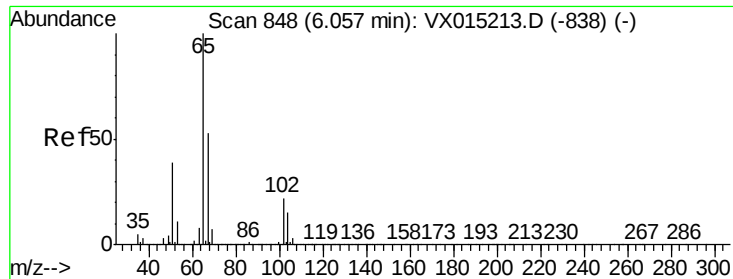
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 85.6 67.3 100.9





#27

1,2-Dichloroethane-d4

Concen: 30.222 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

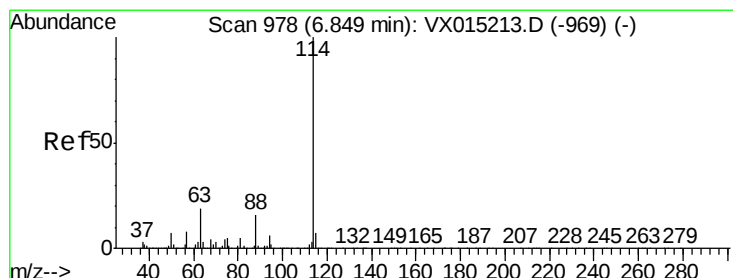
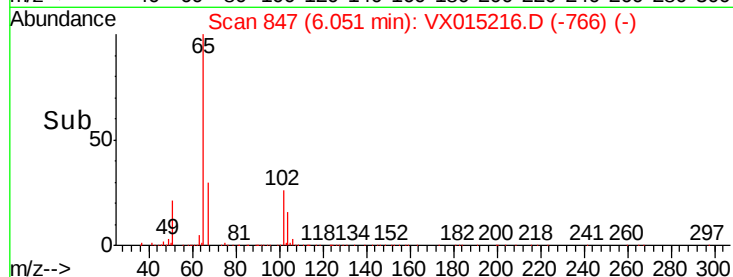
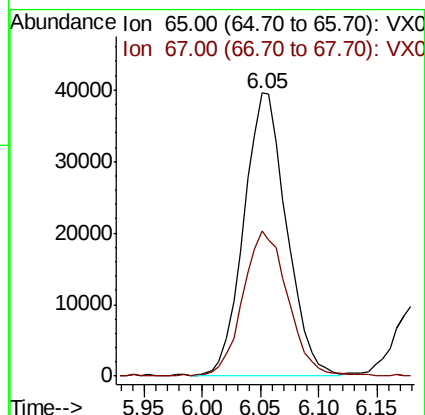
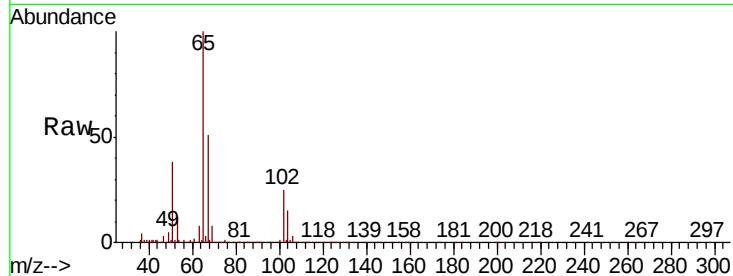
ClientSampleId :

Tot Ion: 65 Resp: 100459

Ion Ratio Lower Upper

65 100

67 53.1 42.2 63.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

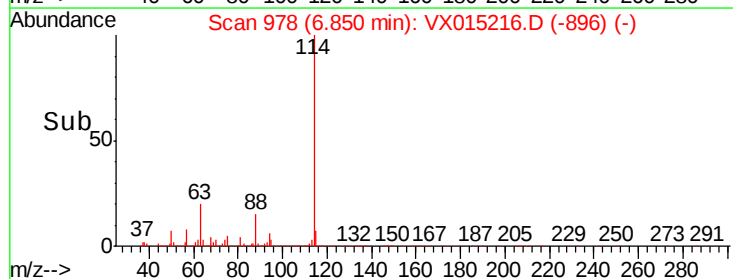
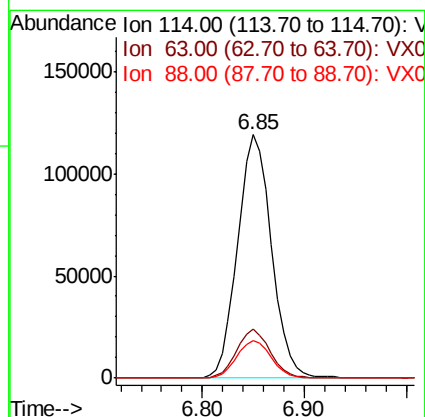
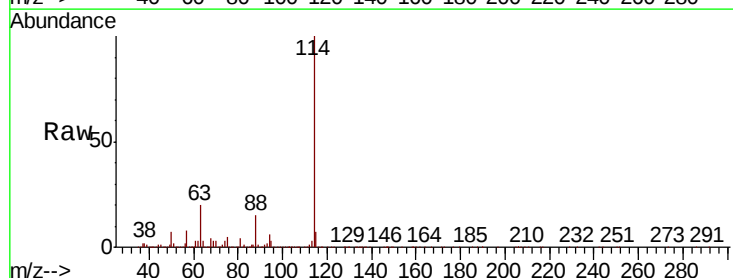
Tgt Ion: 114 Resp: 274868

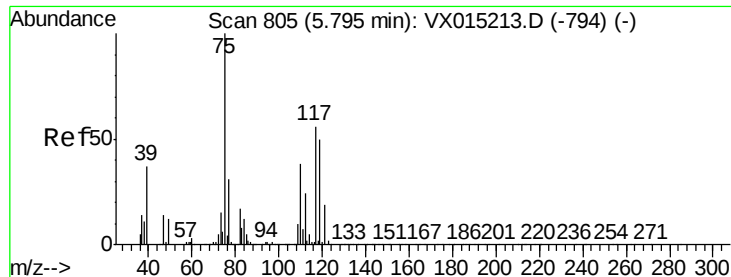
Ion Ratio Lower Upper

114 100

63 20.1 15.8 23.6

88 15.6 12.4 18.6

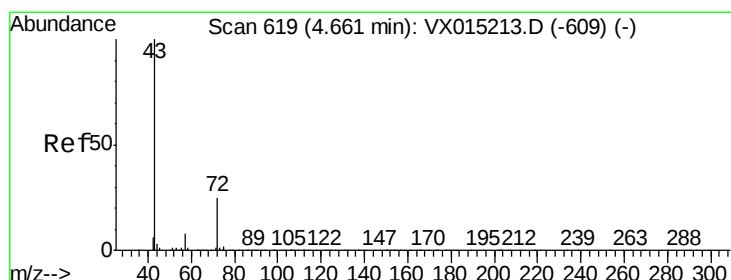
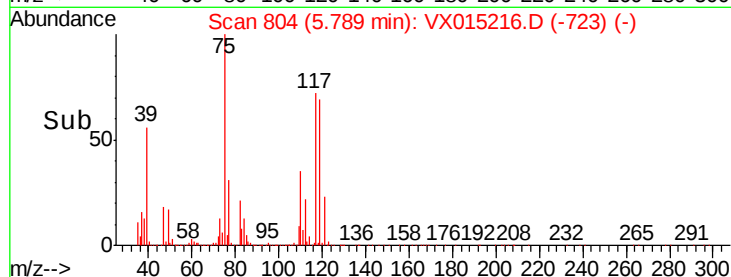
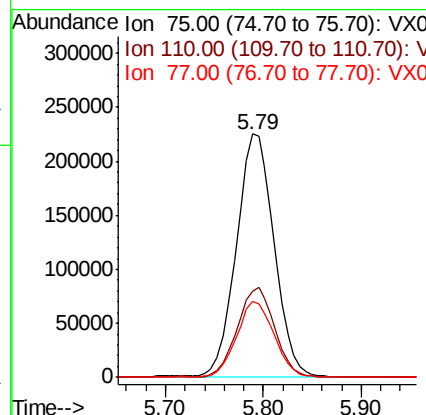
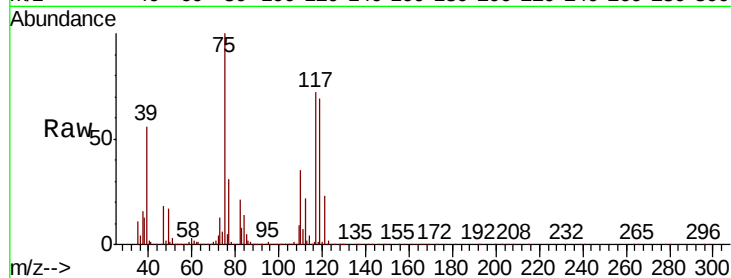




#29
 1,1-Dichloropropene
 Concen: 152.277 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

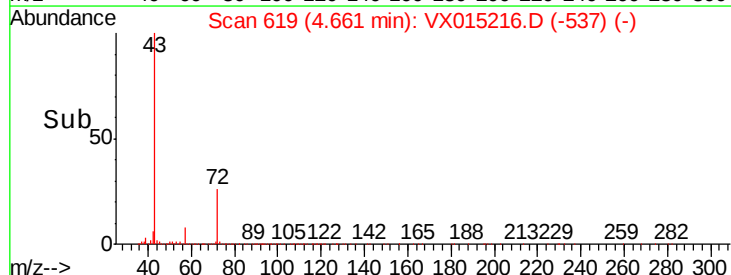
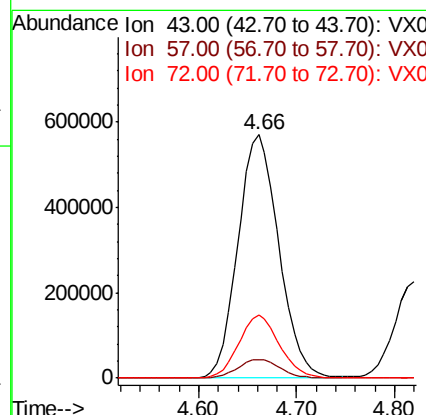
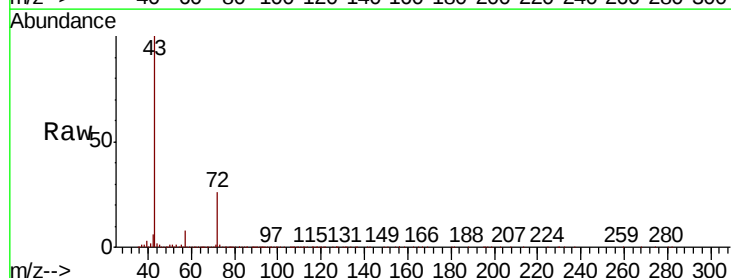
Instrument :
 MSVOA_X
 ClientSampled :

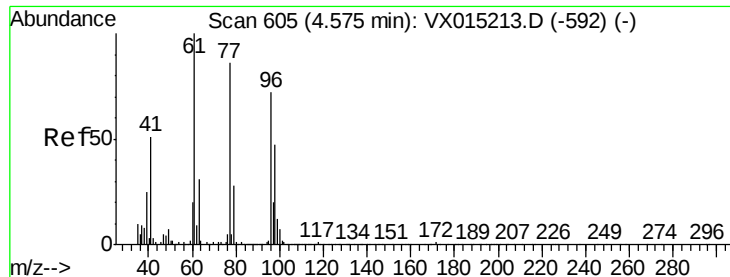
Tot Ion	Ratio	Lower	Upper
75	100		
110	36.7	0.0	74.2
77	30.9	0.0	61.6



#30
 2-Butanone
 Concen: 731.864 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.0	9.0
72	25.5	20.2	30.4





#31

2,2-Dichloropropane

Concen: 129.422 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

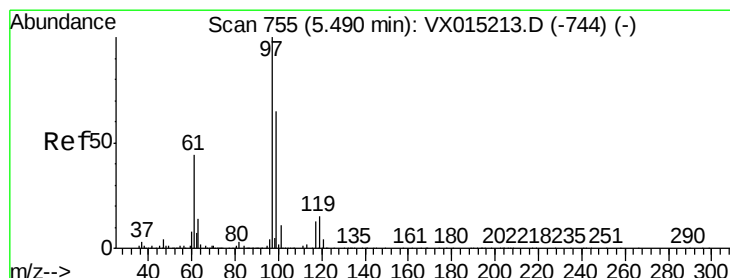
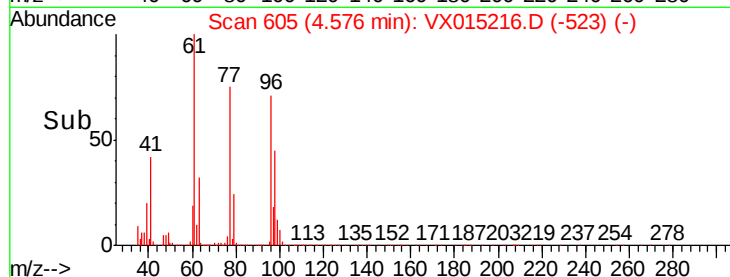
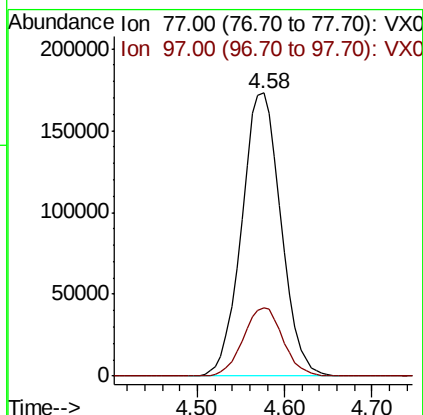
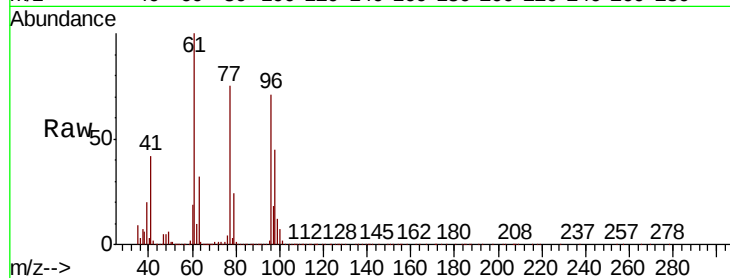
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 540465

Ion Ratio Lower Upper

77 100

97 24.5 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 148.643 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

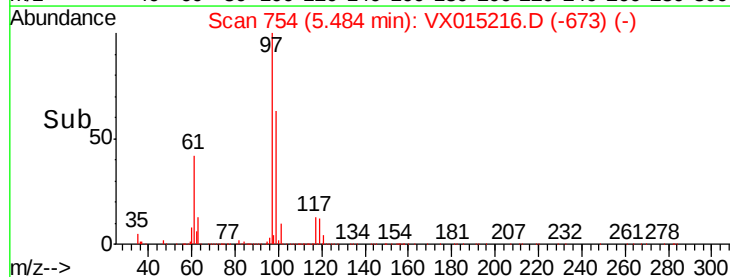
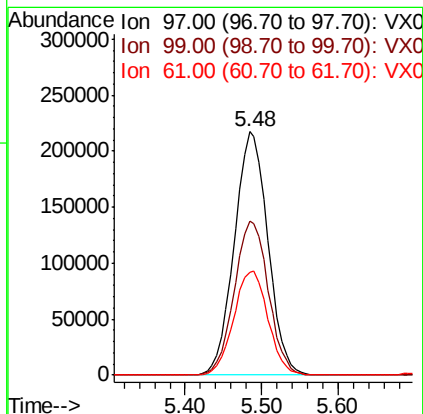
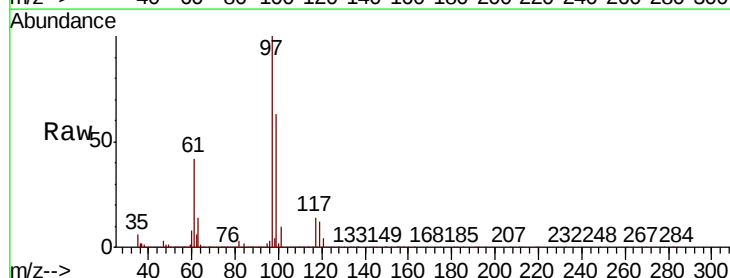
Tgt Ion: 97 Resp: 661985

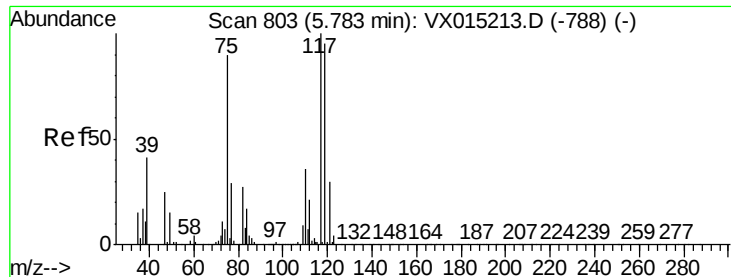
Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.6

61 43.6 36.1 54.1





#33

Carbon Tetrachloride

Concen: 149.639 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampled :

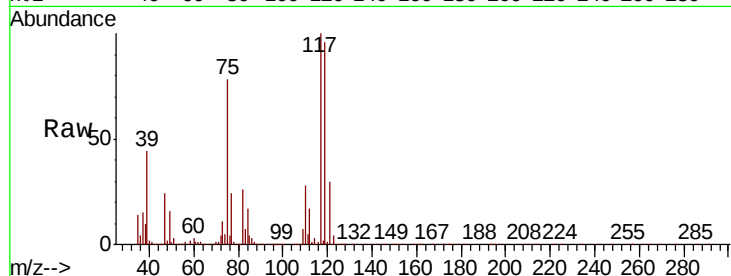
Tot Ion:117 Resp: 582024

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.2

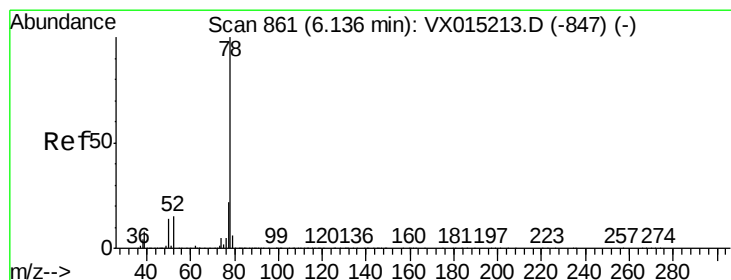
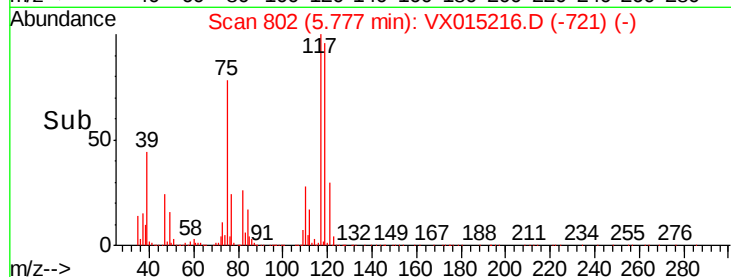
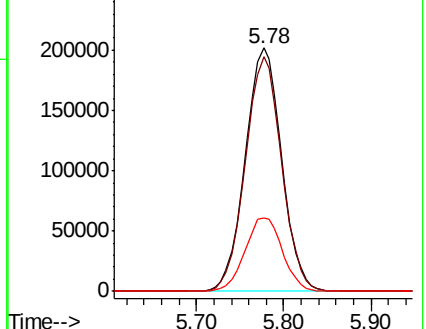
121 30.2 24.2 36.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 153.863 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

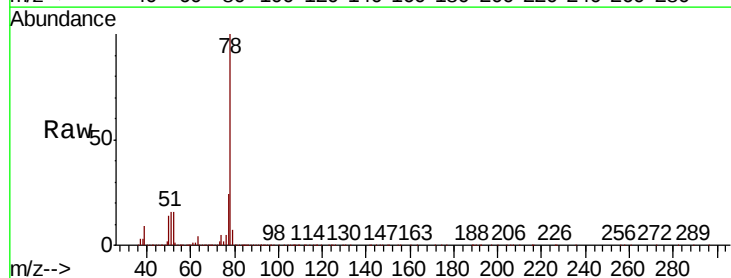
Tgt Ion: 78 Resp: 1848027

Ion Ratio Lower Upper

78 100

77 23.8 17.9 26.9

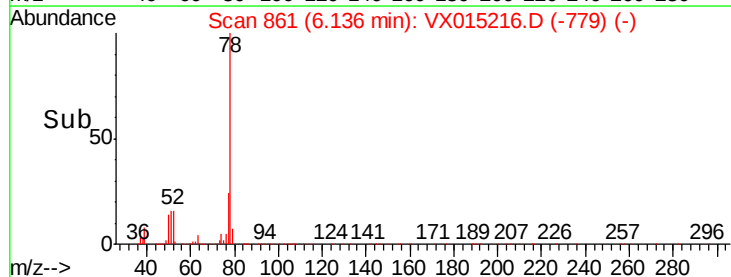
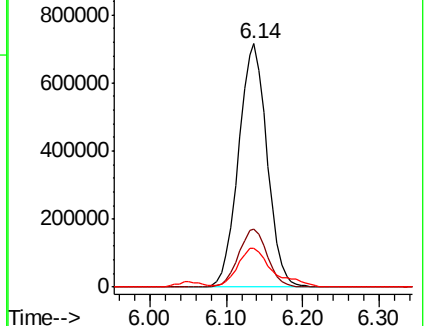
51 15.8 13.4 20.0

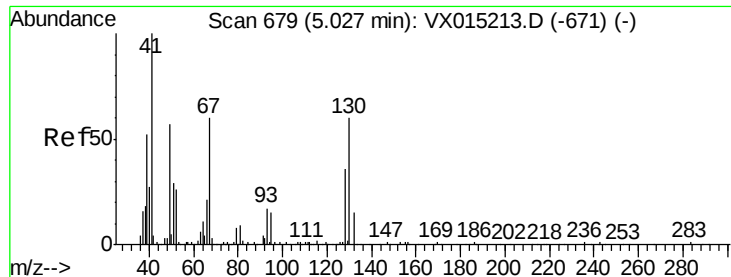


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

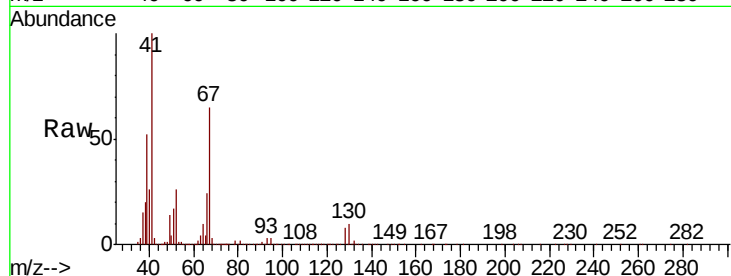




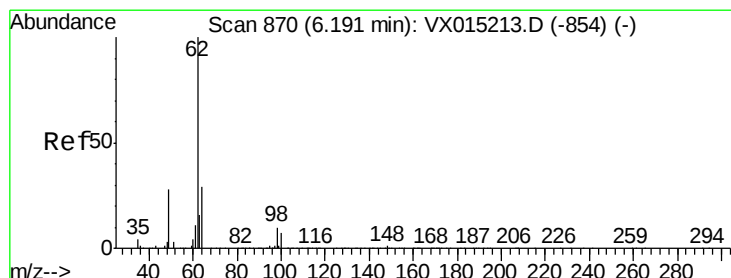
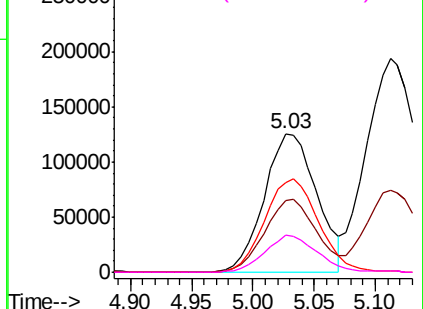
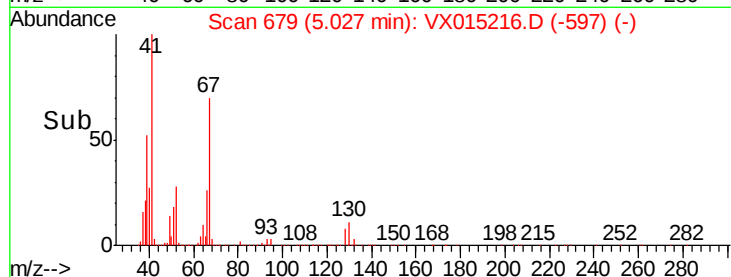
#35
Methacrylonitrile
Concen: 159.923 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	375103
Ion	Ratio	Lower	Upper
41	100		
39	51.7	25.9	77.6
67	64.9	29.4	88.2
52	26.2	12.8	38.3

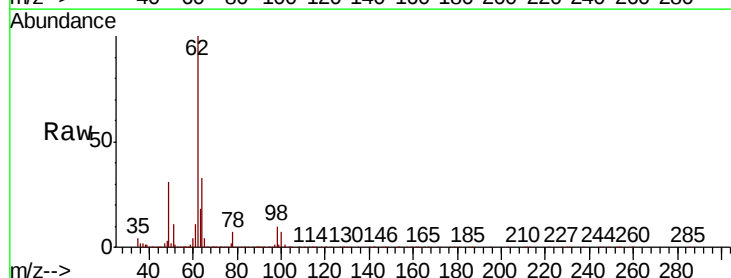


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

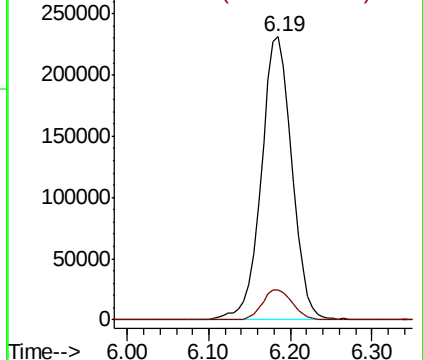
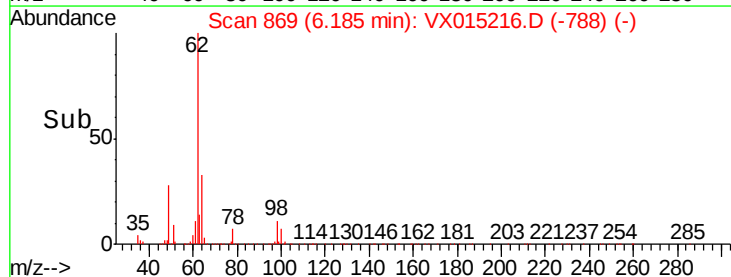


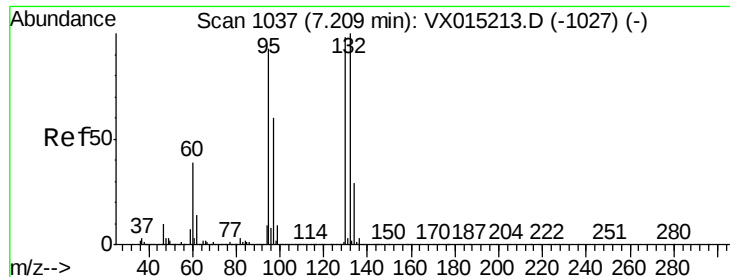
#36
1,2-Dichloroethane
Concen: 144.699 ug/l
RT: 6.19 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion:	62	Resp:	604643
Ion	Ratio	Lower	Upper
62	100		
98	10.5	8.6	13.0



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 151.171 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

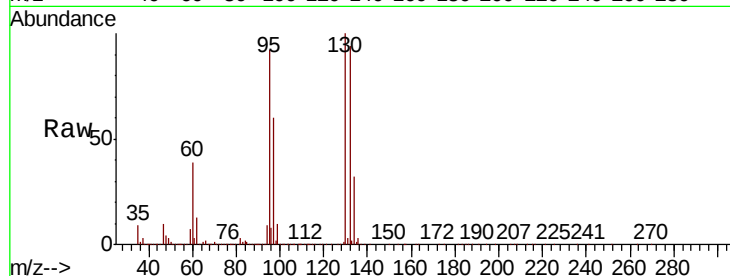
ClientSampled :

Tot Ion:130 Resp: 510367

Ion Ratio Lower Upper

130 100

95 92.4 75.4 113.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

250000

200000

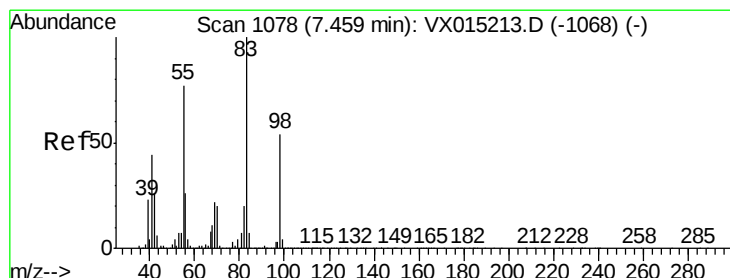
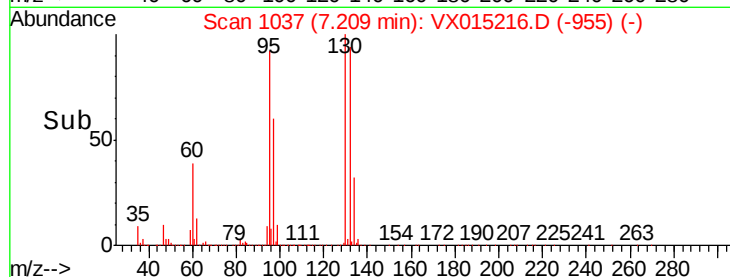
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 155.128 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

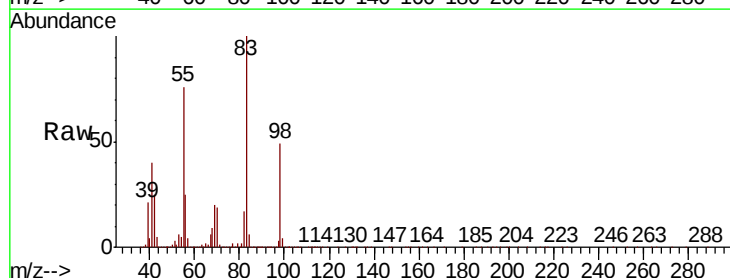
Tgt Ion: 83 Resp: 753917

Ion Ratio Lower Upper

83 100

55 77.4 39.9 119.6

98 48.6 24.8 74.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

500000

400000

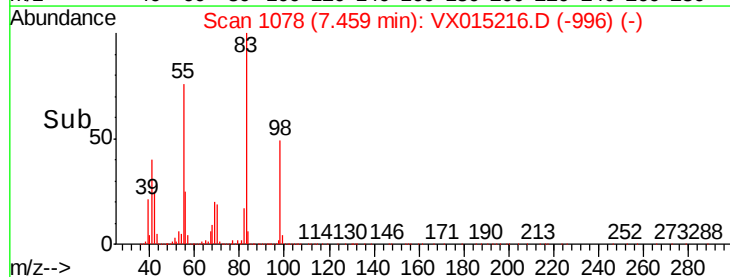
300000

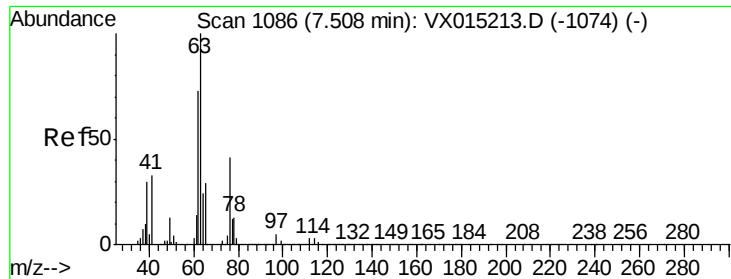
200000

100000

0

Time--> 7.40 7.50 7.60





#39

1,2-Dichloropropane

Concen: 157.191 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

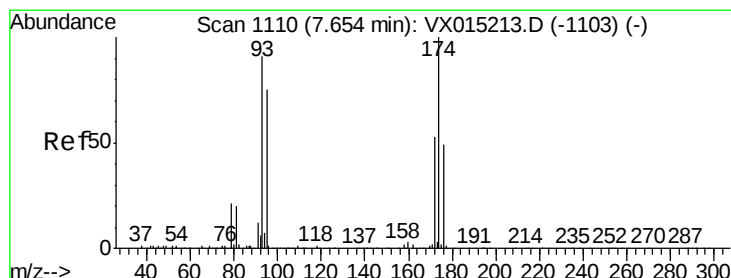
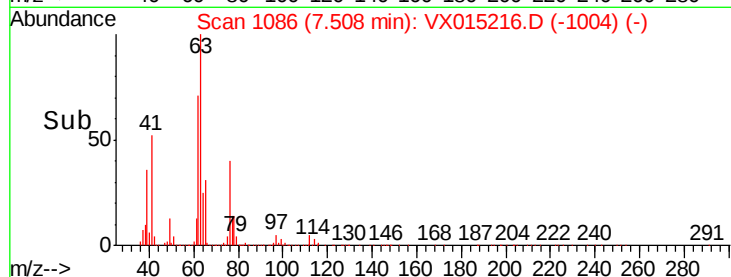
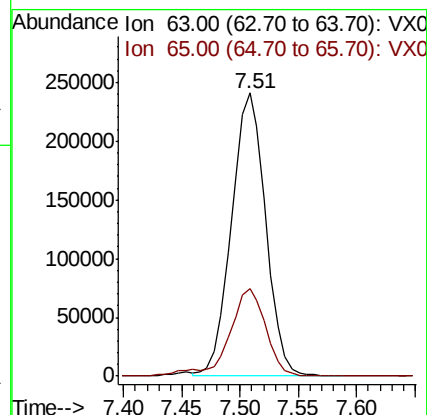
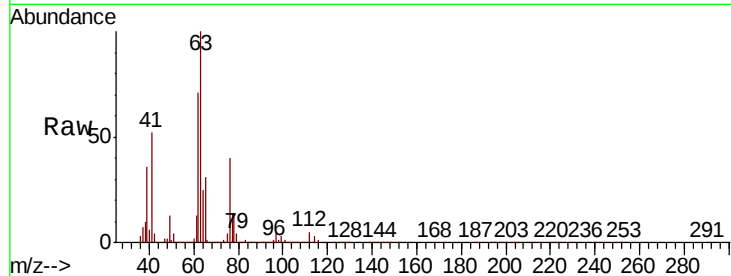
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 488794

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.8



#40

Dibromomethane

Concen: 150.173 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

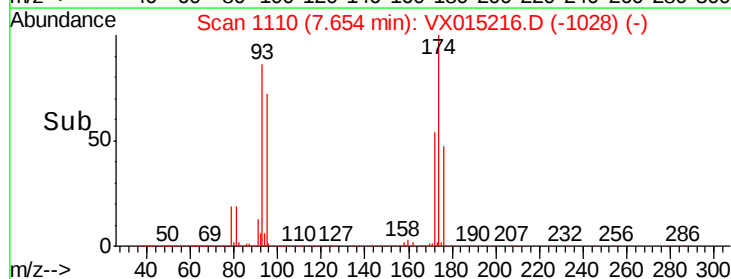
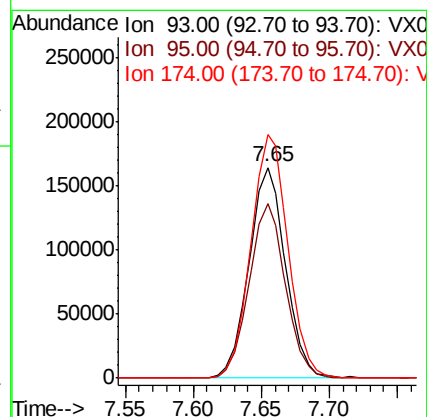
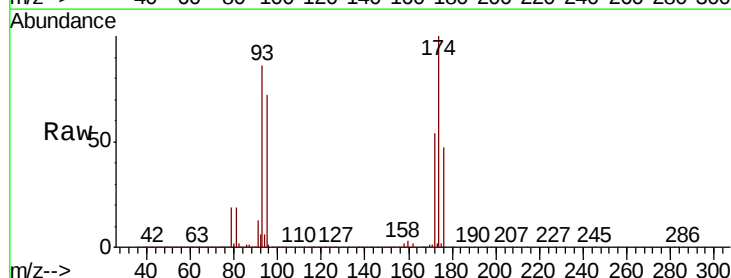
Tgt Ion: 93 Resp: 308484

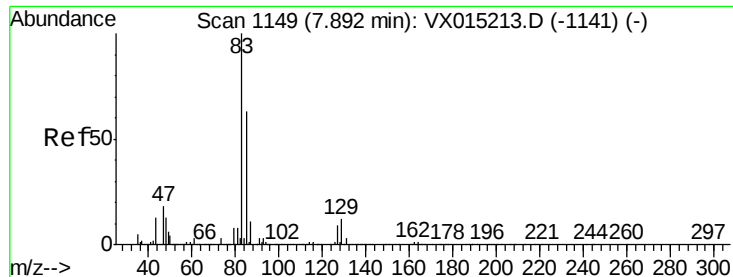
Ion Ratio Lower Upper

93 100

95 82.9 0.0 159.6

174 117.7 0.0 225.2





#41

Bromodichloromethane

Concen: 155.921 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :
MSVOA_X
ClientSampleId :

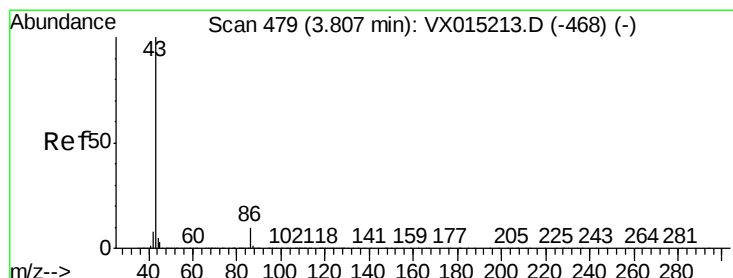
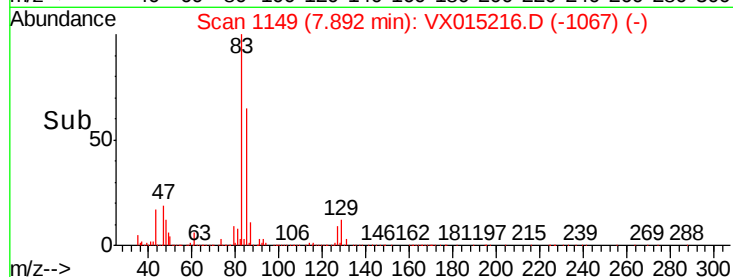
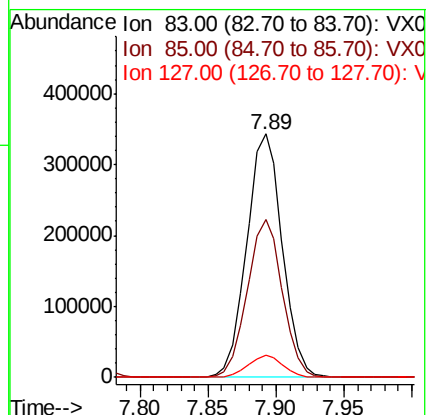
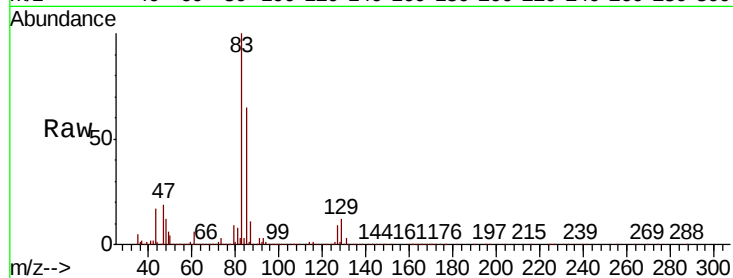
Tot Ion: 83 Resp: 626802

Ion Ratio Lower Upper

83 100

85 64.9 50.0 75.0

127 9.0 7.1 10.7



#42

Vinyl Acetate

Concen: 801.556 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015216.D

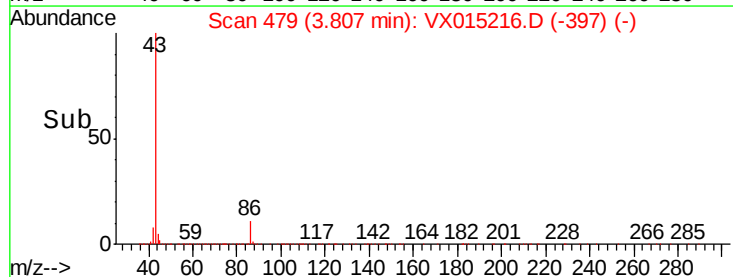
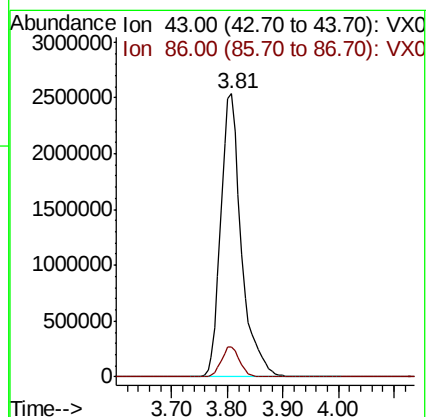
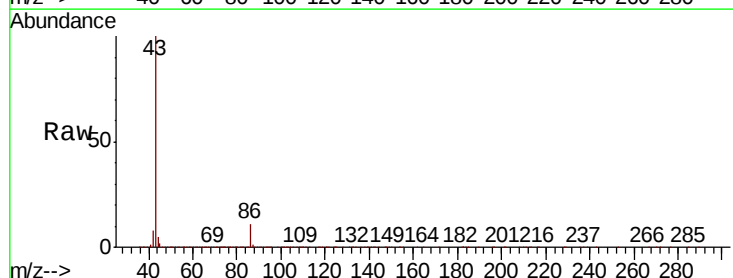
Acq: 11 Mar 2020 21:48

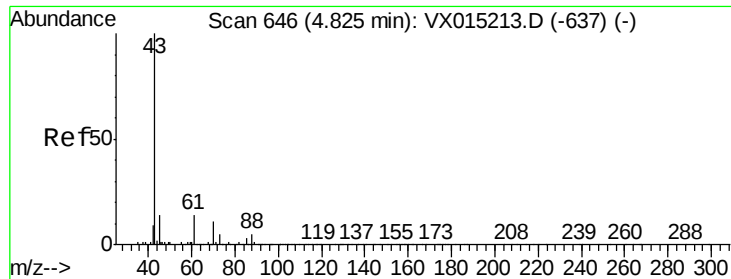
Tgt Ion: 43 Resp: 6509002

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.0





#43

Ethyl Acetate

Concen: 156.908 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

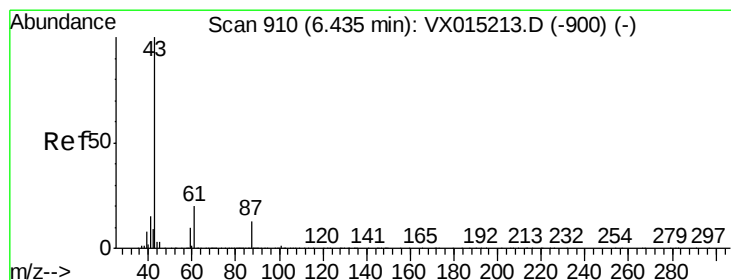
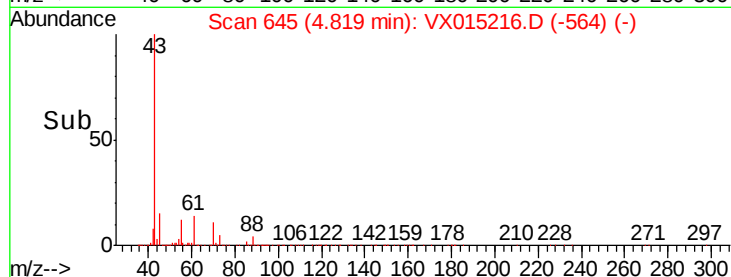
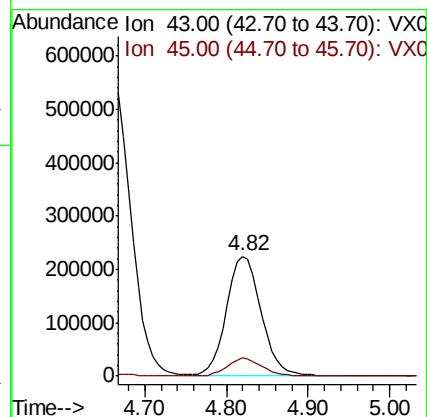
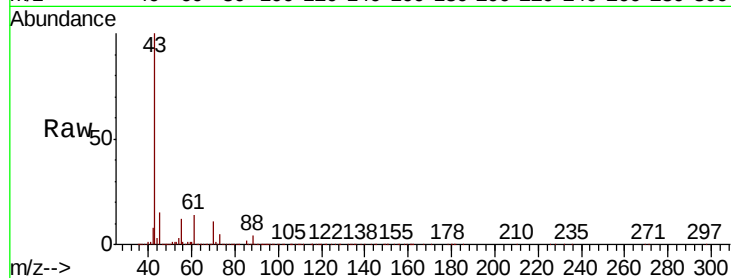
ClientSampleId :

Tot Ion: 43 Resp: 657938

Ion Ratio Lower Upper

43 100

45 15.2 0.1 0.1#



#44

Isopropyl Acetate

Concen: 159.009 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015216.D

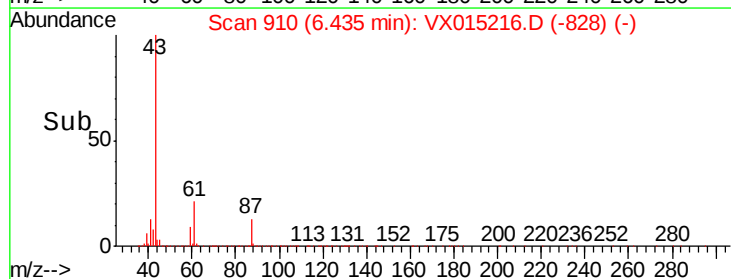
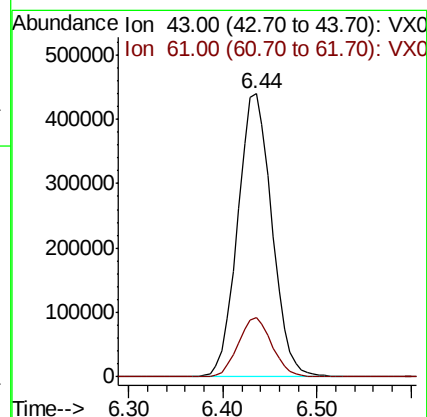
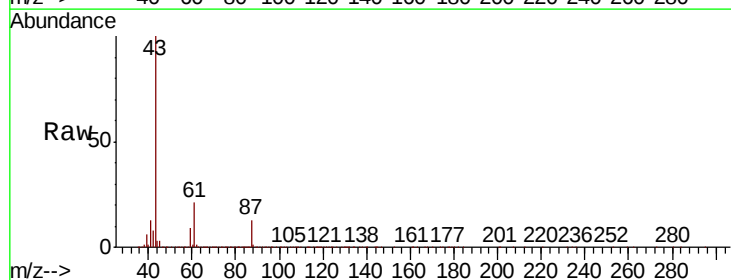
Acq: 11 Mar 2020 21:48

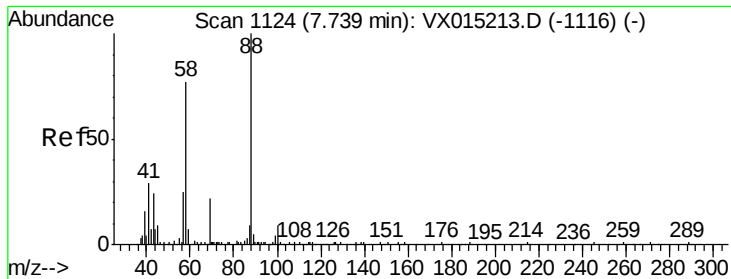
Tgt Ion: 43 Resp: 1103503

Ion Ratio Lower Upper

43 100

61 20.7 16.7 25.1





#45

1,4-Dioxane

Concen: 3509.347 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampleId :

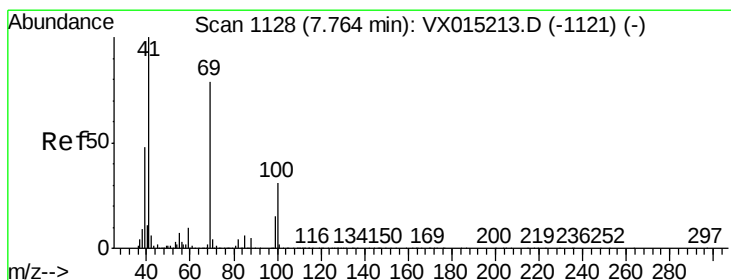
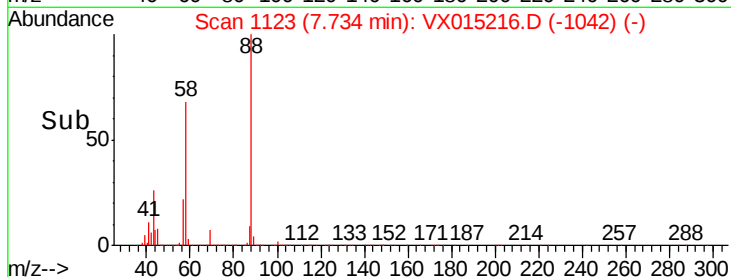
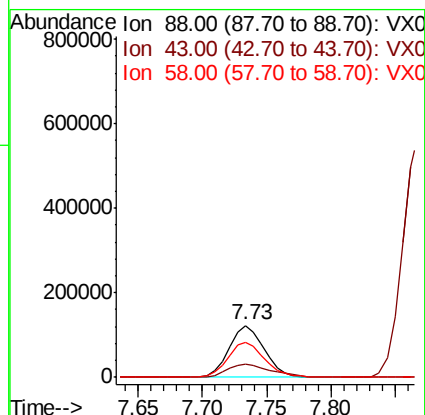
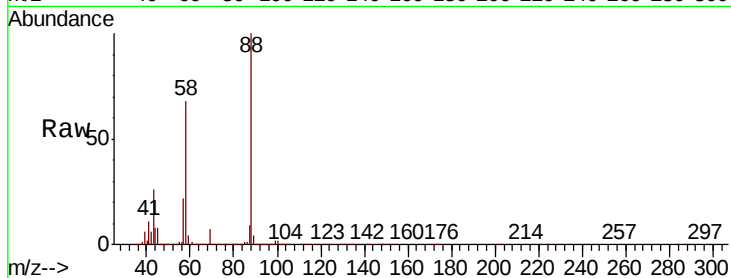
Tot Ion: 88 Resp: 231890

Ion Ratio Lower Upper

88 100

43 31.7 24.8 37.2

58 71.0 59.7 89.5



#46

Methyl methacrylate

Concen: 160.993 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

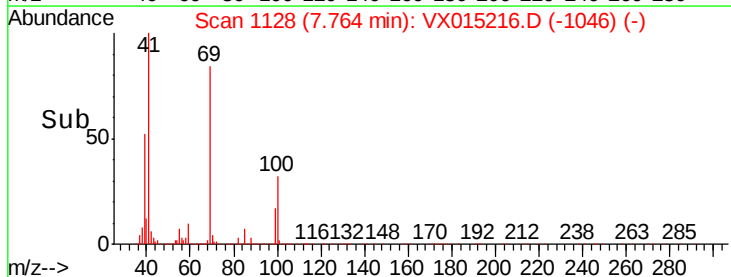
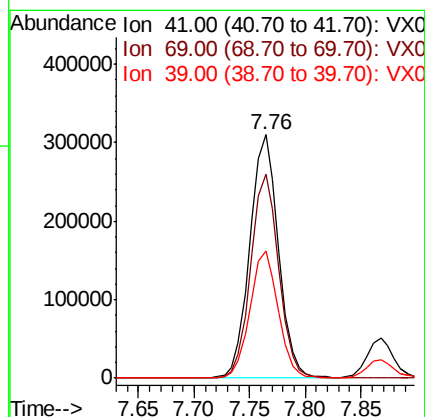
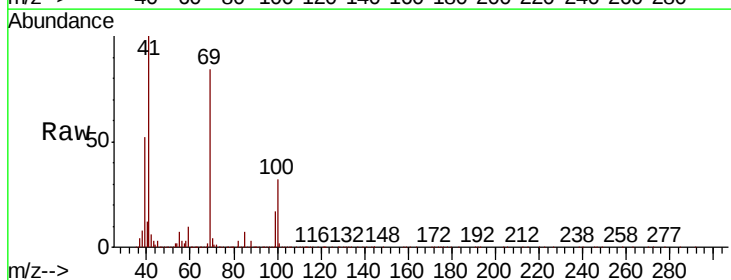
Tgt Ion: 41 Resp: 554293

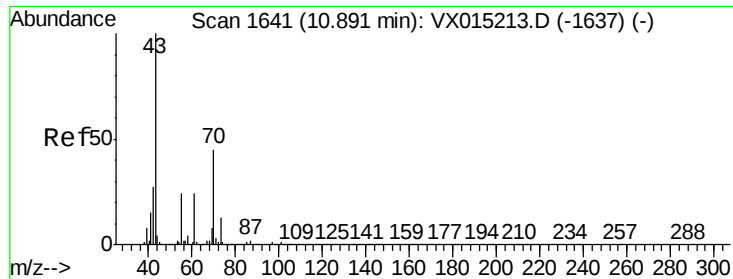
Ion Ratio Lower Upper

41 100

69 83.6 39.6 118.7

39 52.2 23.5 70.6





#47

n-amvl Acetate

Concen: 165.052 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

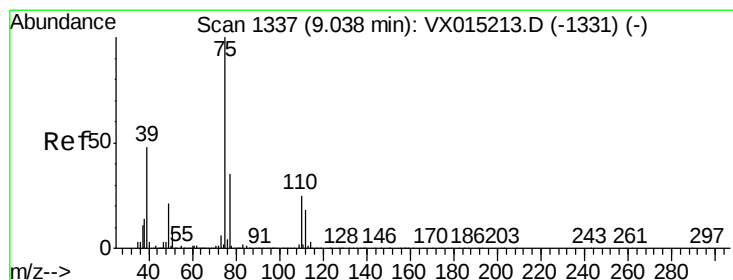
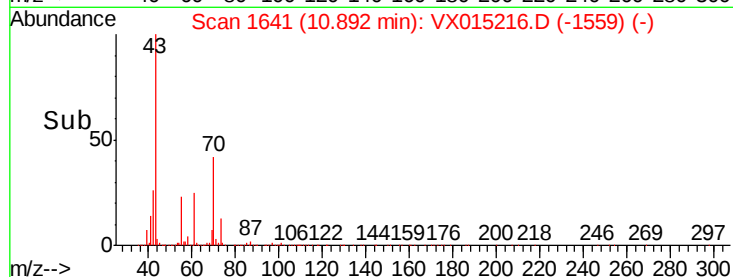
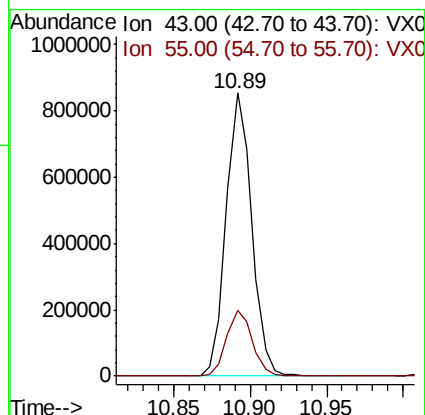
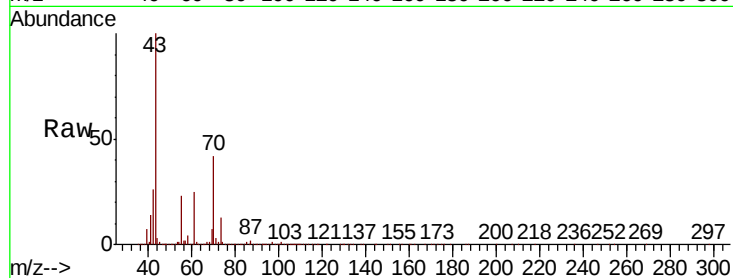
ClientSampleId :

Tot Ion: 43 Resp: 989771

Ion Ratio Lower Upper

43 100

55 23.6 20.2 30.2



#48

t-1,3-Dichloropropene

Concen: 161.403 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015216.D

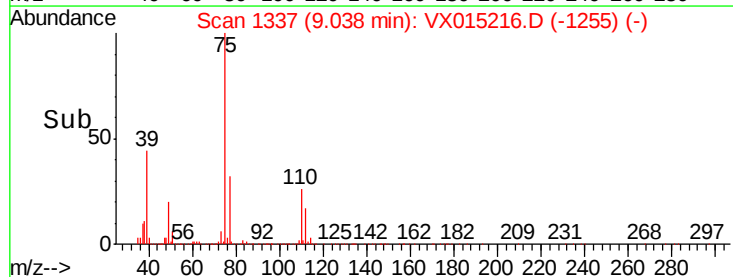
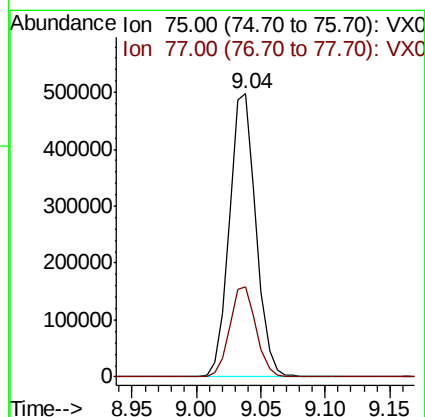
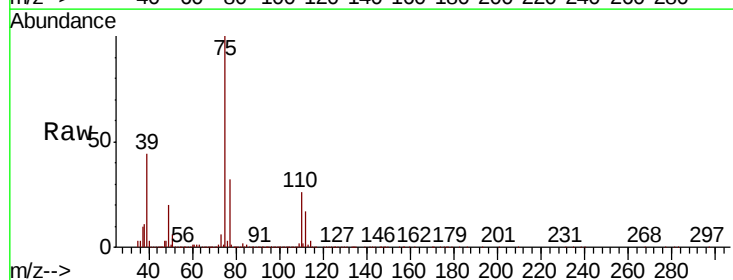
Acq: 11 Mar 2020 21:48

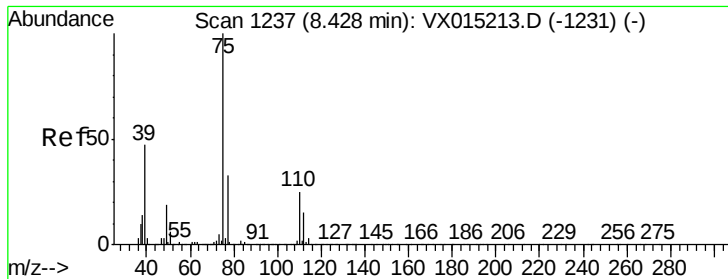
Tgt Ion: 75 Resp: 718788

Ion Ratio Lower Upper

75 100

77 32.0 27.7 41.5



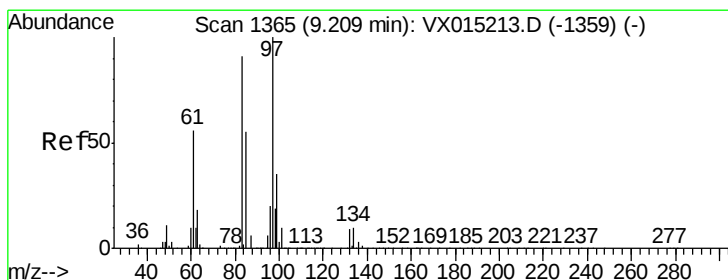
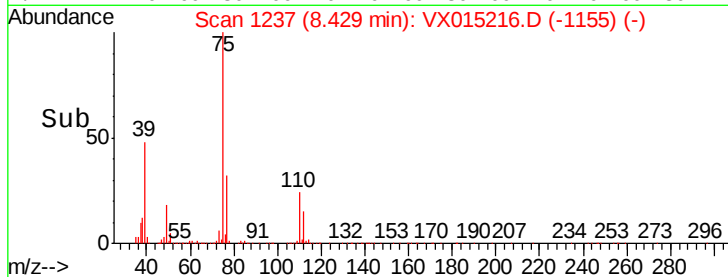
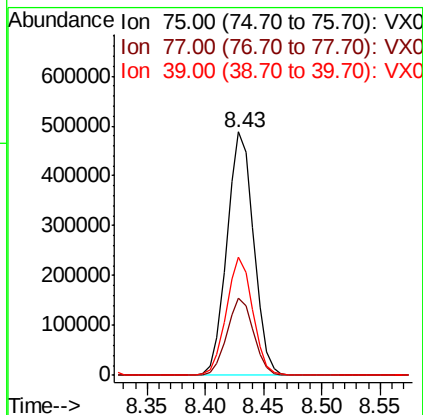
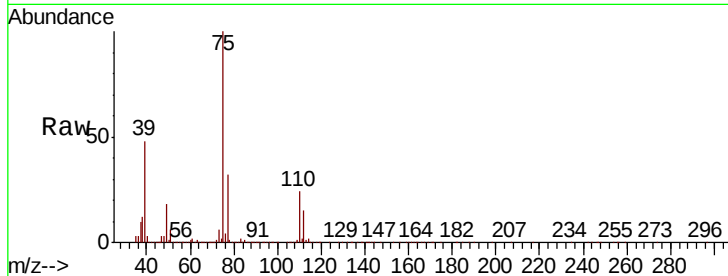


#49

cis-1,3-Dichloropropene
 Concen: 158.018 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Instrument :
 MSVOA_X
 ClientSampleId :

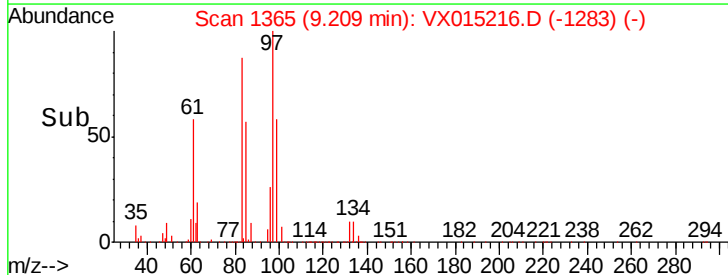
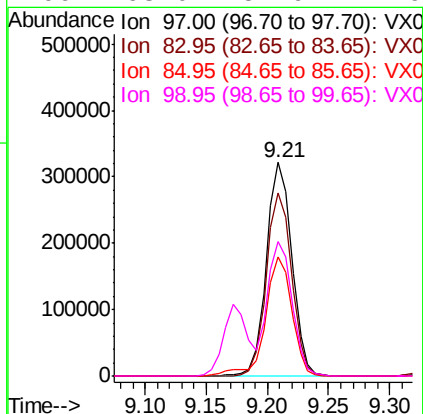
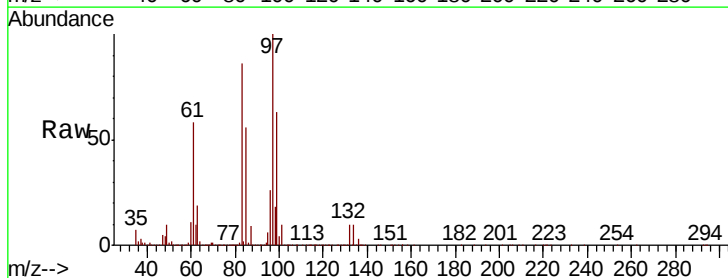
Tot Ion:	75	Resp:	779055
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.5	39.7
39	48.4	37.4	56.2

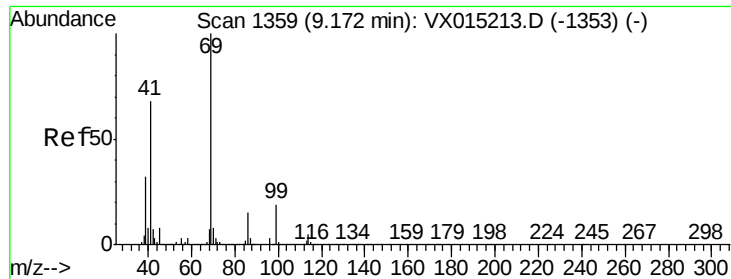


#50

1,1,2-Trichloroethane
 Concen: 152.690 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Tgt Ion:	97	Resp:	467012
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.4	108.6
85	56.0	46.6	69.8
99	63.0	51.9	77.9





#51

Ethyl methacrylate

Concen: 166.229 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampleId :

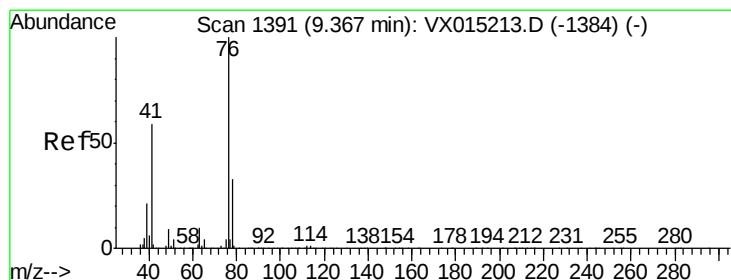
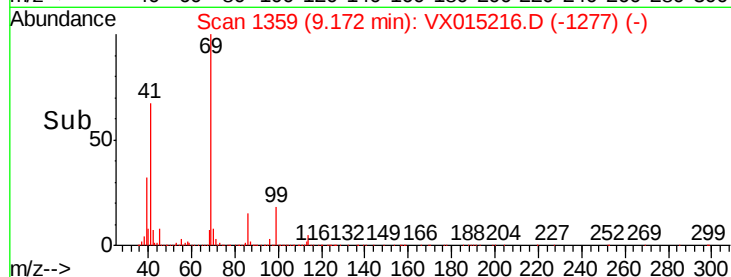
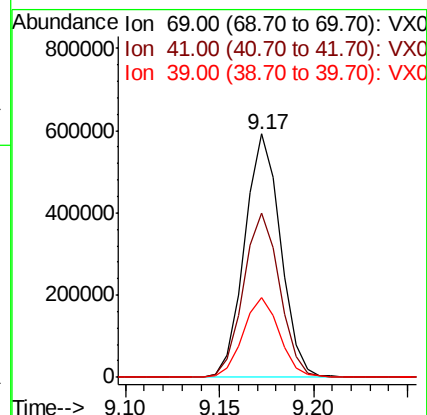
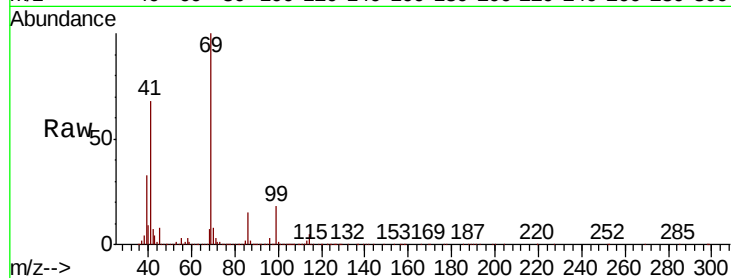
Tot Ion: 69 Resp: 784188

Ion Ratio Lower Upper

69 100

41 67.7 33.8 101.3

39 32.5 16.1 48.2



#52

1,3-Dichloropropane

Concen: 153.925 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015216.D

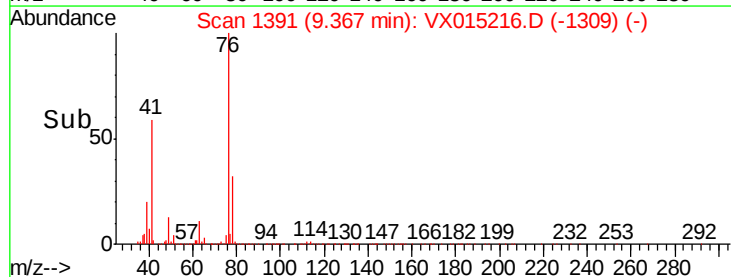
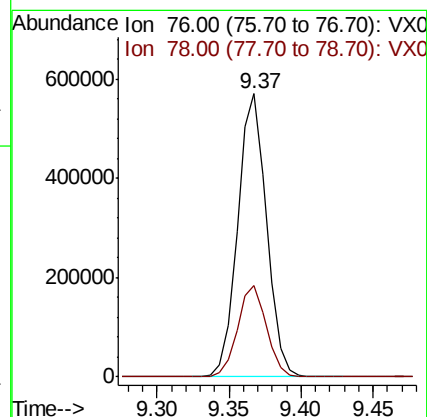
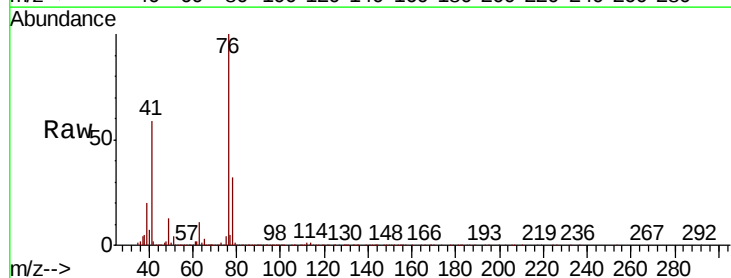
Acq: 11 Mar 2020 21:48

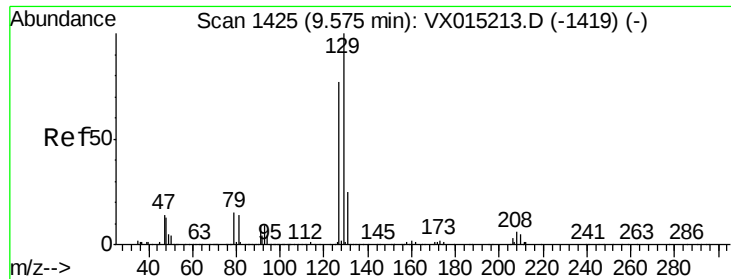
Tgt Ion: 76 Resp: 796954

Ion Ratio Lower Upper

76 100

78 32.2 0.0 65.0





#53

Dibromochloromethane

Concen: 160.145 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

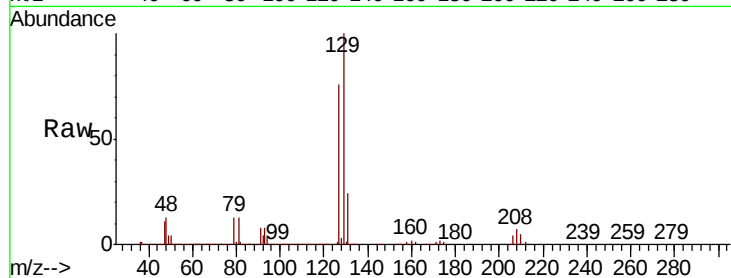
ClientSampleId :

Tot Ion:129 Resp: 524583

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

400000

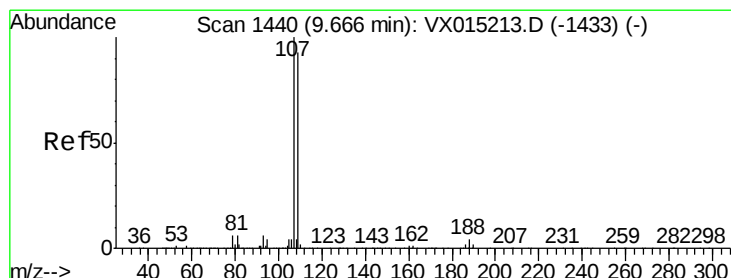
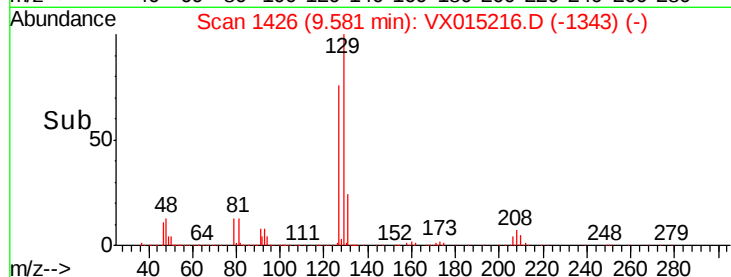
300000

200000

100000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 150.786 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015216.D

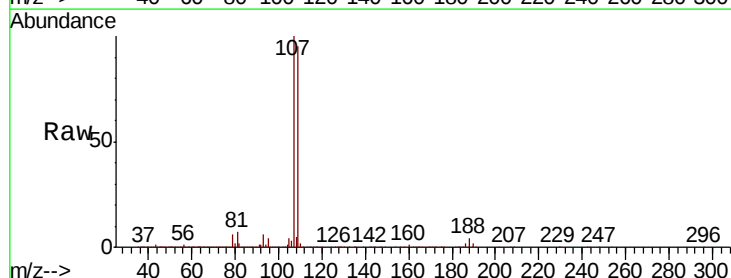
Acq: 11 Mar 2020 21:48

Tgt Ion:107 Resp: 488656

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

400000

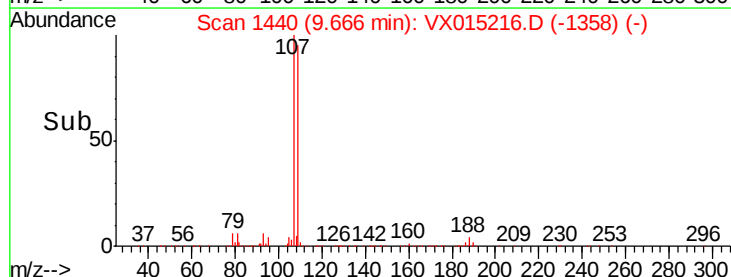
300000

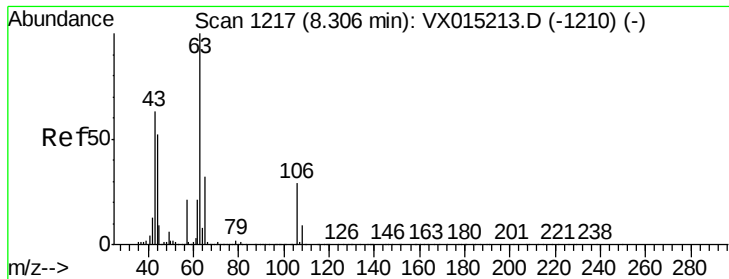
200000

100000

0

Time--> 9.60 9.65 9.70 9.75

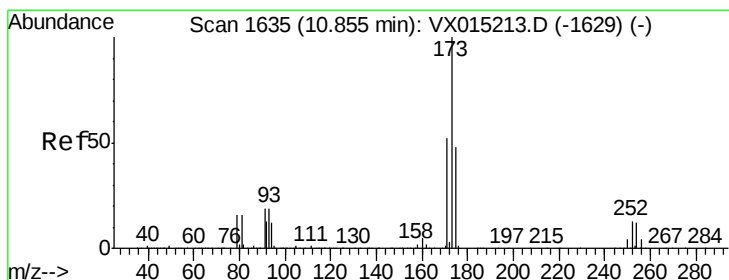
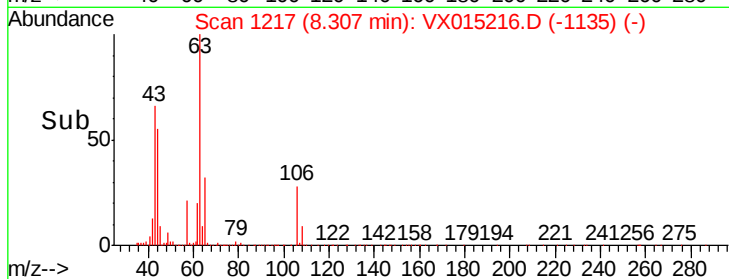
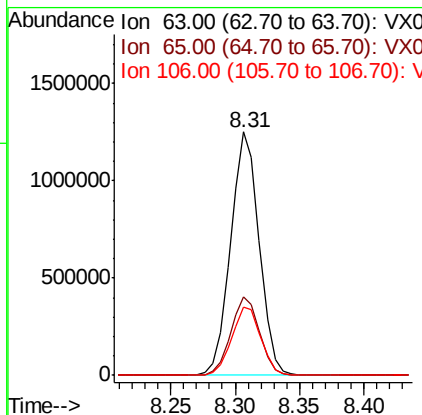
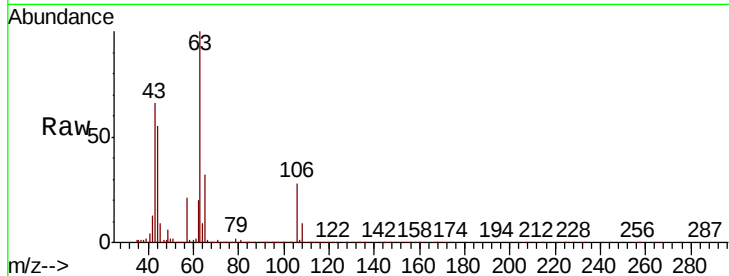




#55
2-Chloroethyl vinyl ether
Concen: 773.947 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

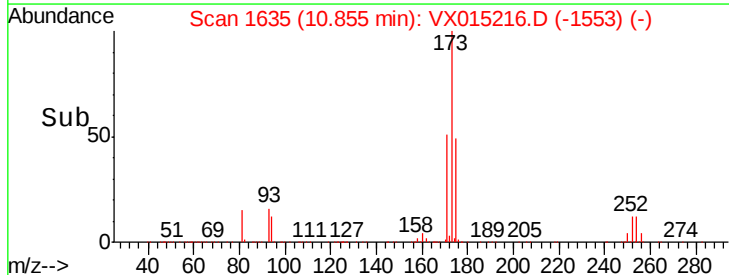
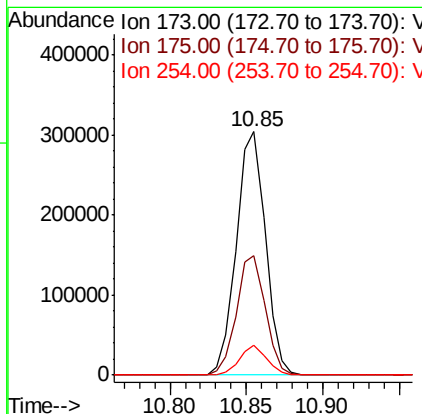
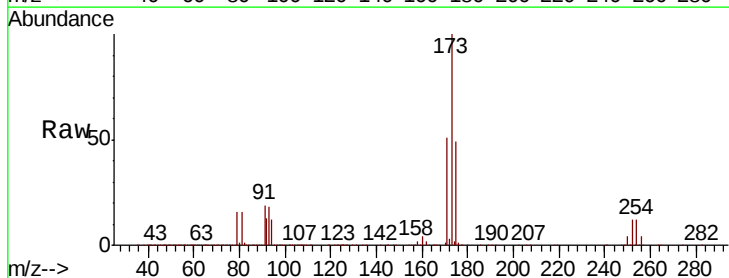
Instrument :
MSVOA_X
ClientSampleId :

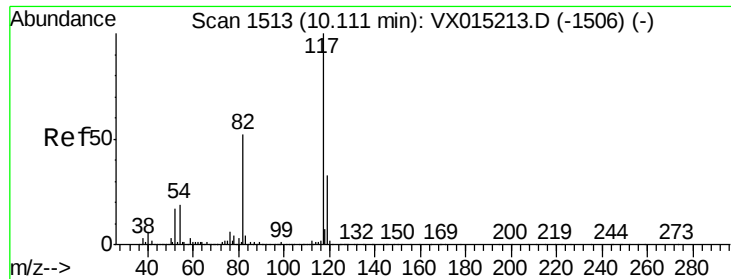
Tot Ion: 63 Resp: 1931250
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 28.6 23.1 34.7



#56
Bromoform
Concen: 157.440 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 173 Resp: 401743
Ion Ratio Lower Upper
173 100
175 48.7 40.0 60.0
254 11.5 9.1 13.7

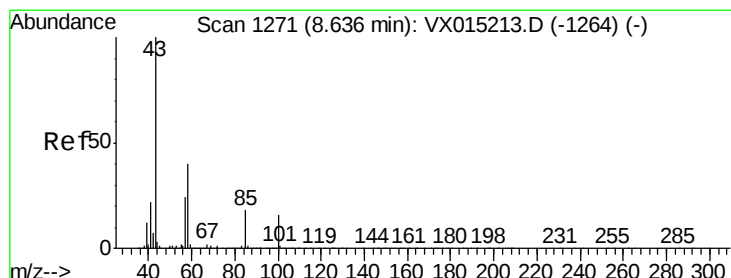
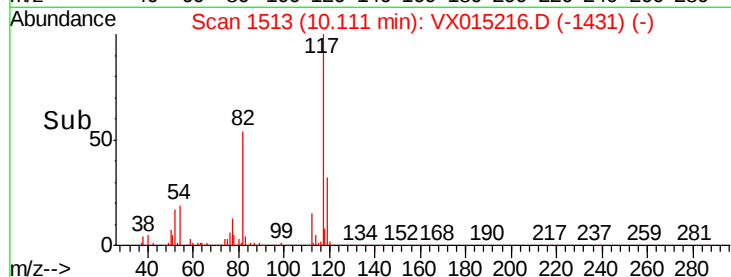
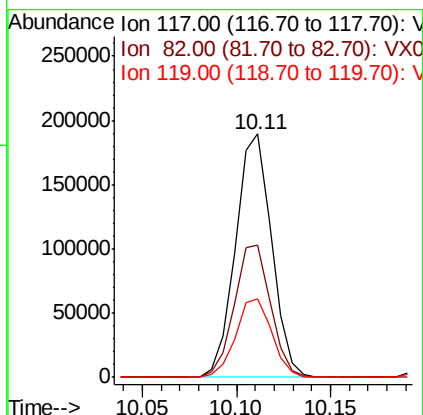
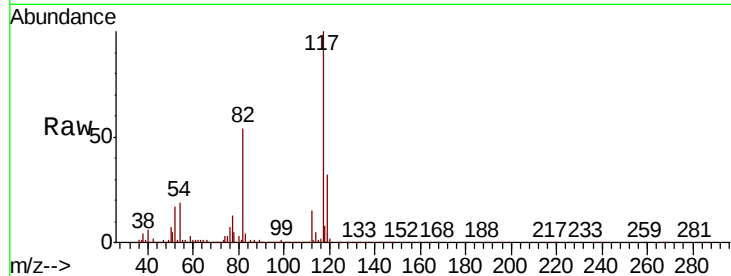




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

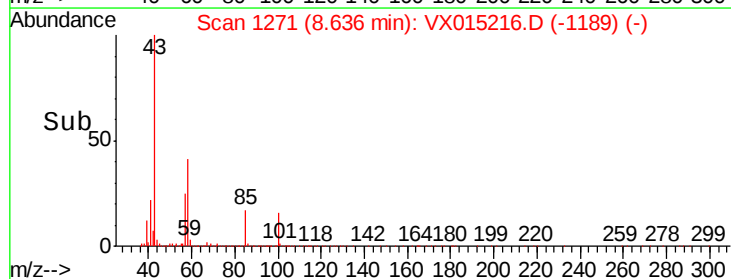
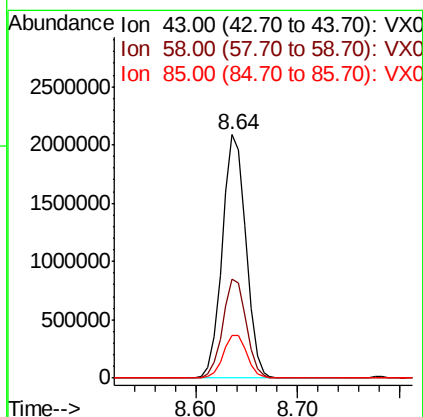
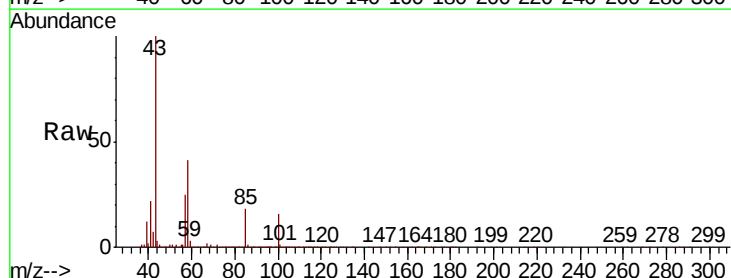
Instrument :
MSVOA_X
ClientSampleId :

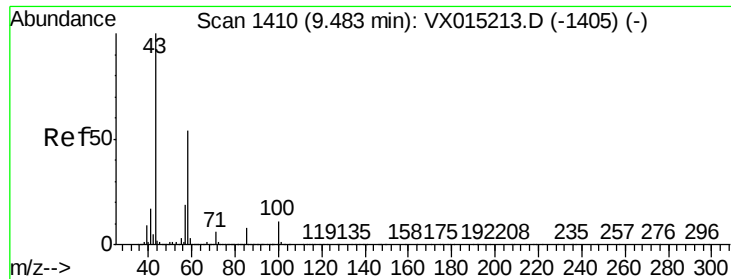
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.6	65.4
119	32.4	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 796.263 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.8	47.8
85	17.7	13.8	20.6

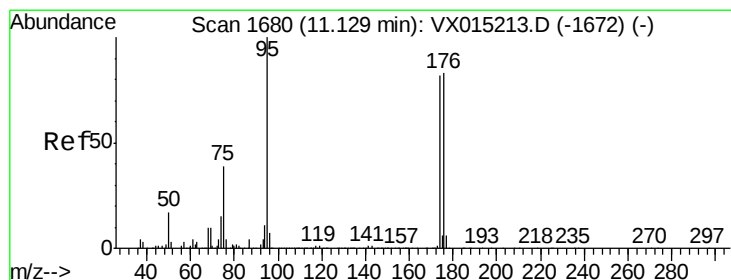
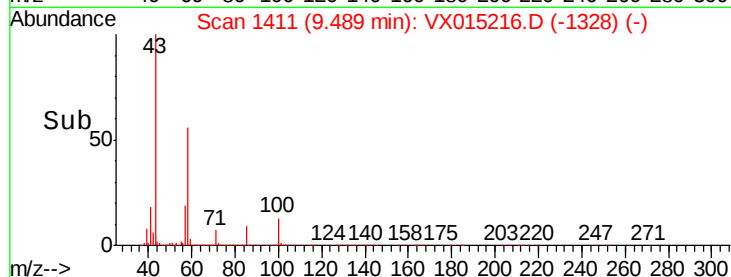
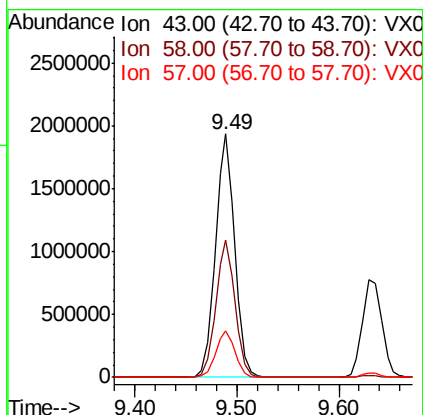
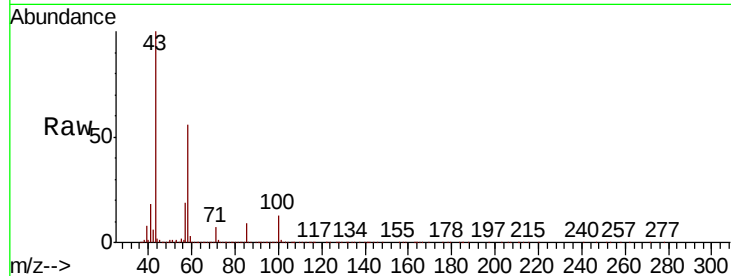




#59
2-Hexanone
Concen: 790.760 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

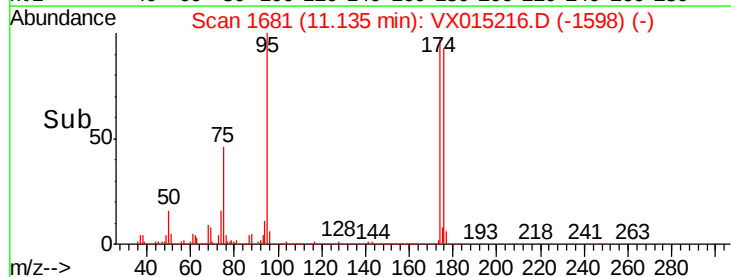
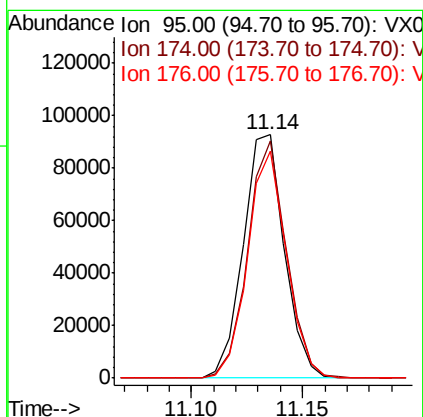
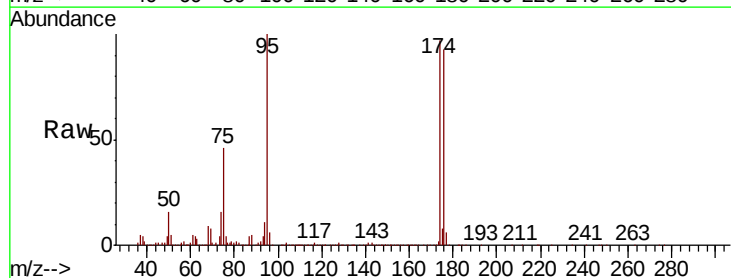
Instrument :
MSVOA_X
ClientSampleId :

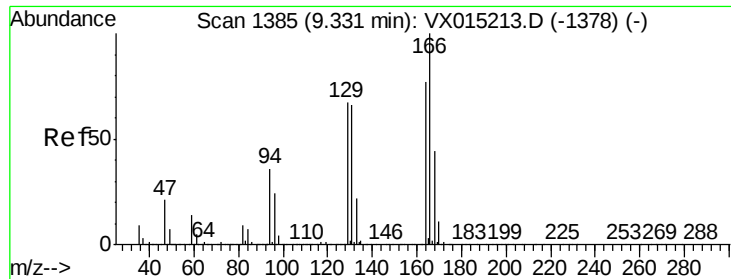
Tot Ion: 43 Resp: 2565361
Ion Ratio Lower Upper
43 100
58 56.1 44.2 66.4
57 19.1 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 30.524 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 95 Resp: 119708
Ion Ratio Lower Upper
95 100
174 91.5 71.9 107.9
176 88.1 71.1 106.7





#61

Tetrachloroethene

Concen: 146.389 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 501812

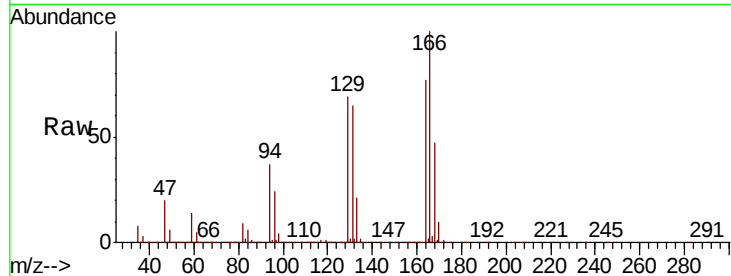
Ion Ratio Lower Upper

164 100

166 129.2 103.4 155.2

129 89.3 69.1 103.7

131 84.0 68.1 102.1

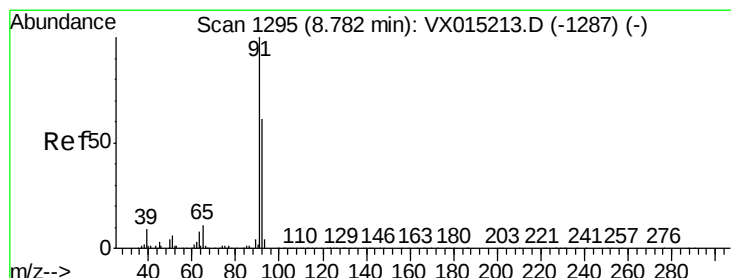
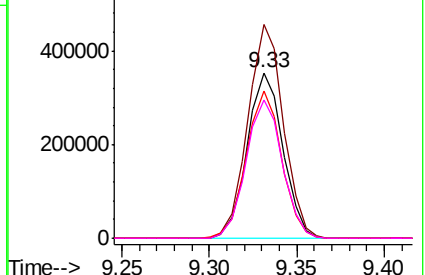
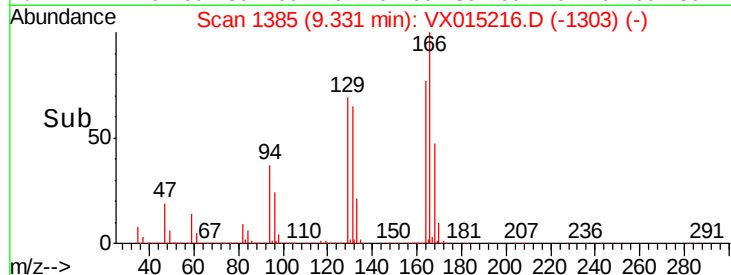


Abundance Ion 163.85 (163.55 to 164.55): V

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: 153.122 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX015216.D

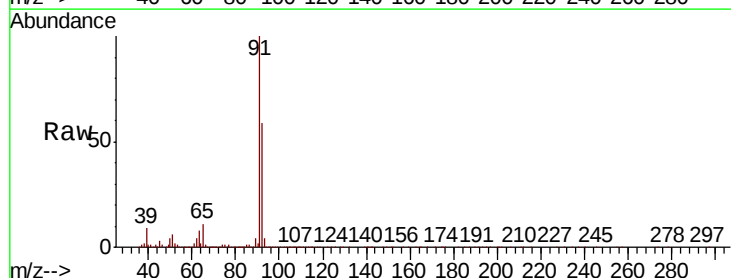
Acq: 11 Mar 2020 21:48

Tgt Ion: 91 Resp: 1995379

Ion Ratio Lower Upper

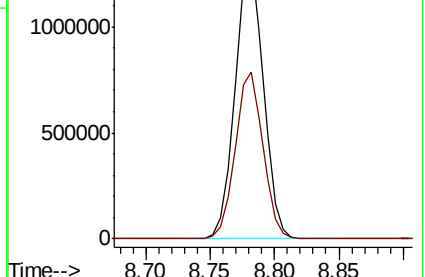
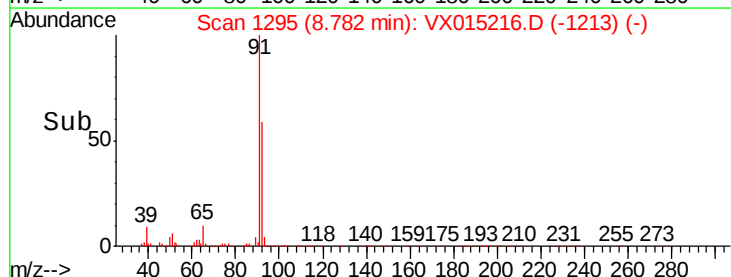
91 100

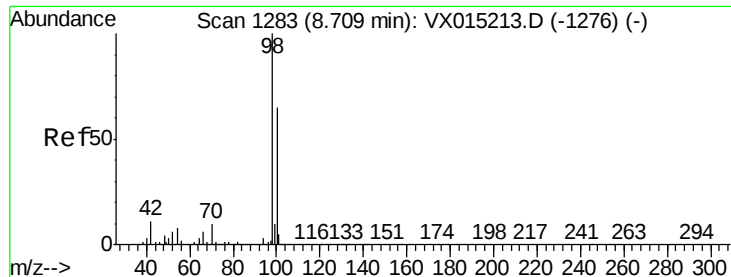
92 58.7 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.328 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

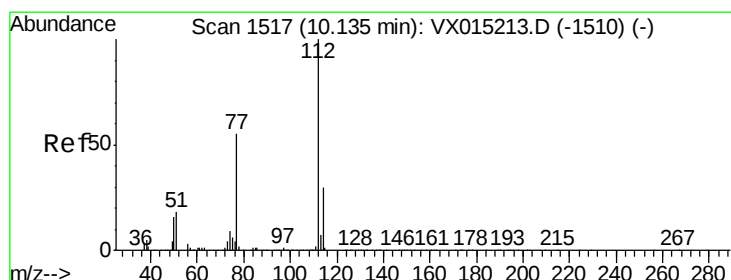
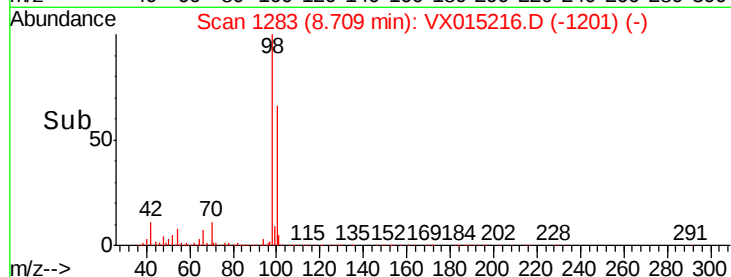
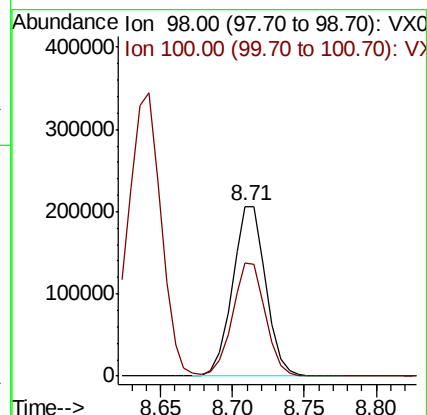
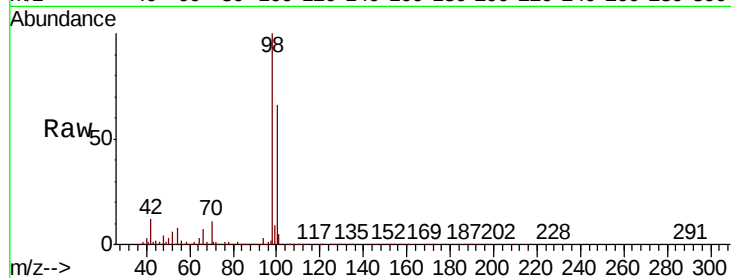
ClientSampleId :

Tot Ion: 98 Resp: 332355

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#64

Chlorobenzene

Concen: 145.233 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015216.D

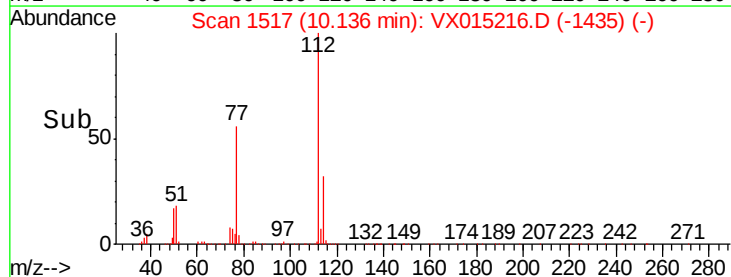
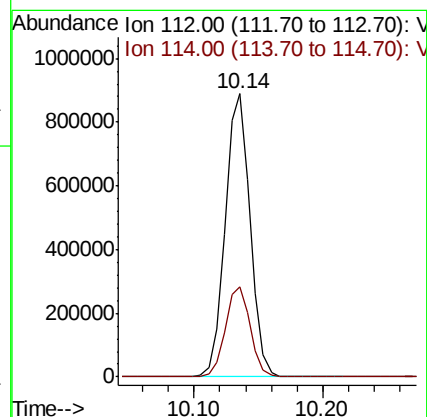
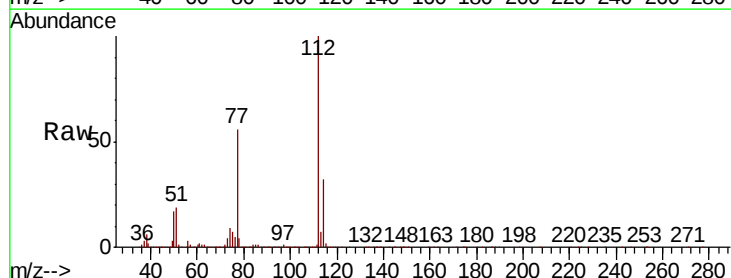
Acq: 11 Mar 2020 21:48

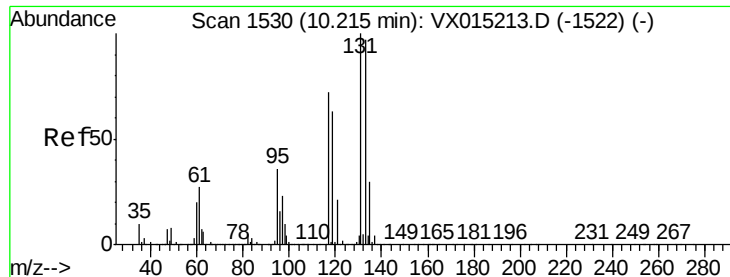
Tgt Ion: 112 Resp: 1207027

Ion Ratio Lower Upper

112 100

114 31.7 24.3 36.5





#65

1,1,1,2-Tetrachloroethane

Concen: 146.465 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampled :

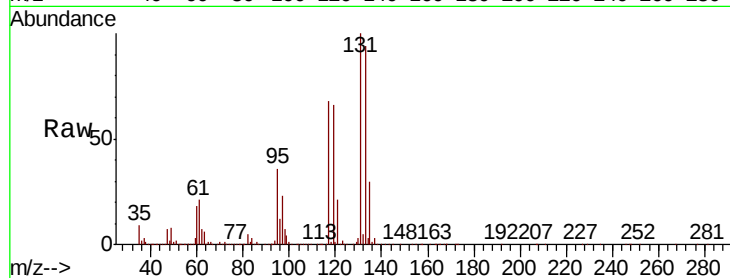
Tot Ion:131 Resp: 450199

Ion Ratio Lower Upper

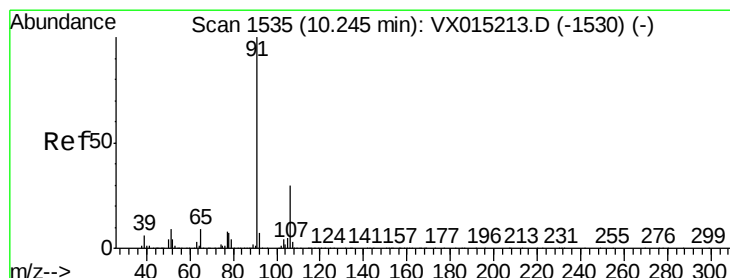
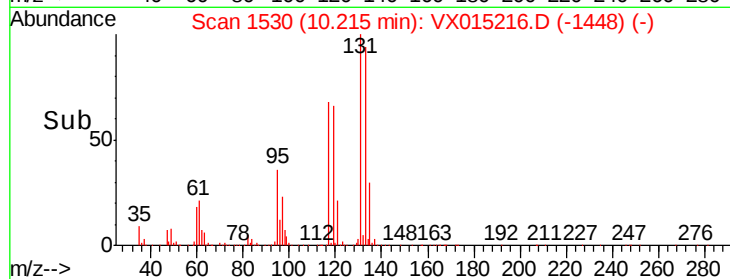
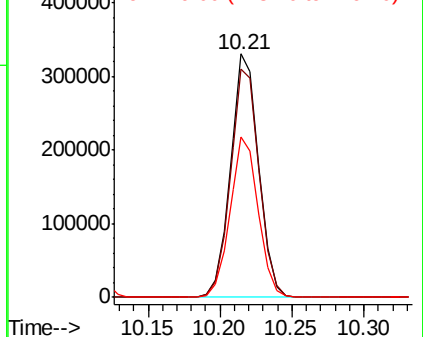
131 100

133 95.8 0.0 190.6

119 65.8 0.0 131.2



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 147.360 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015216.D

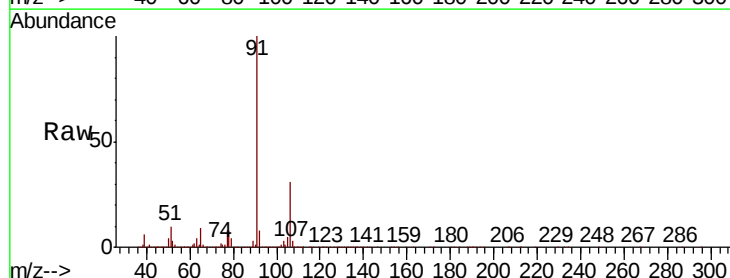
Acq: 11 Mar 2020 21:48

Tgt Ion: 91 Resp: 2109574

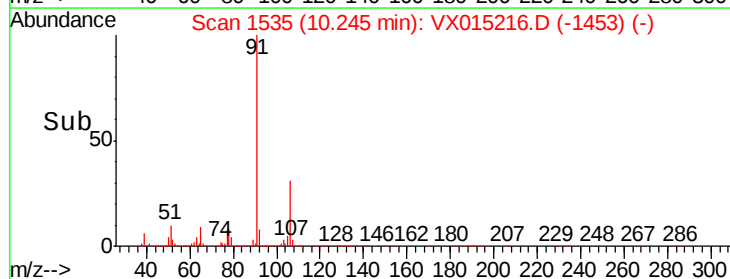
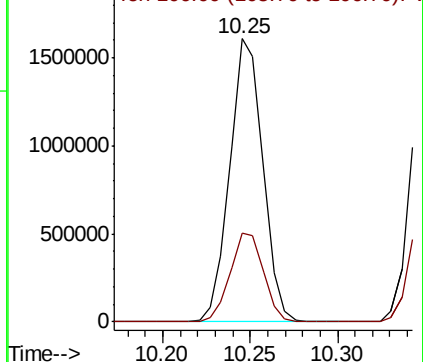
Ion Ratio Lower Upper

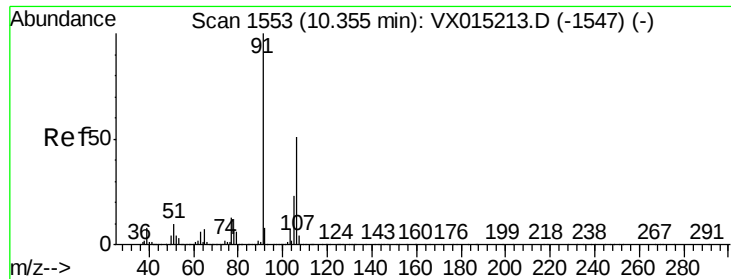
91 100

106 31.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

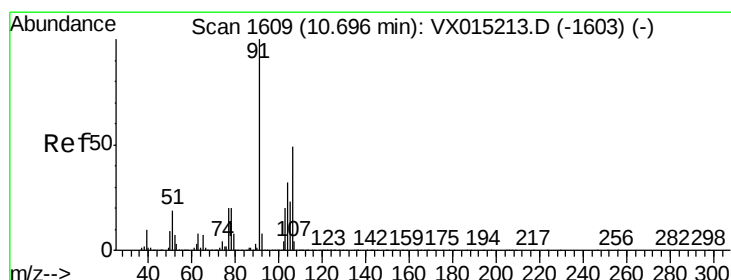
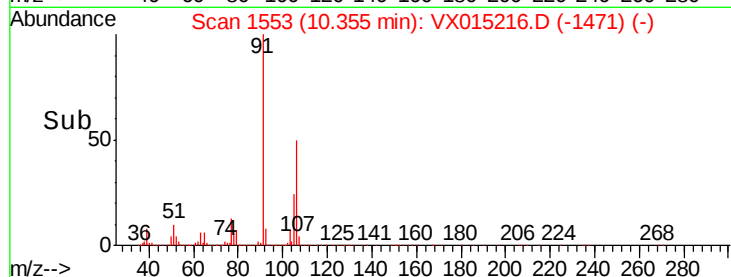
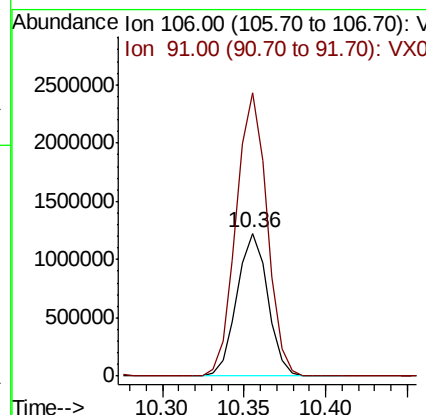
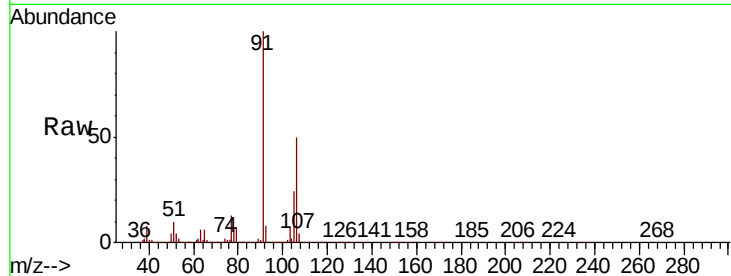




#67
m/p-Xylenes
Concen: 292.285 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

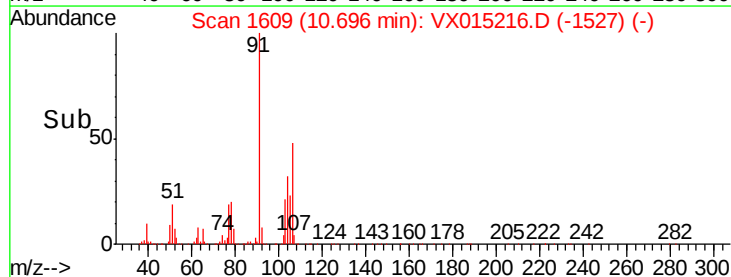
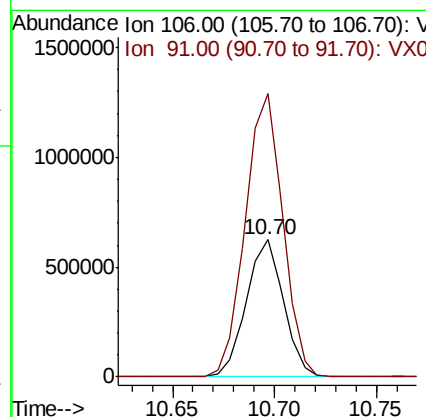
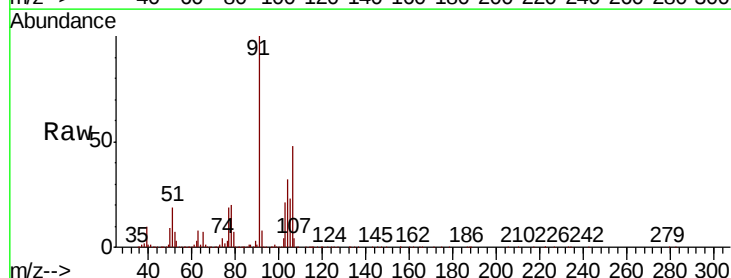
Instrument :
MSVOA_X
ClientSampleId :

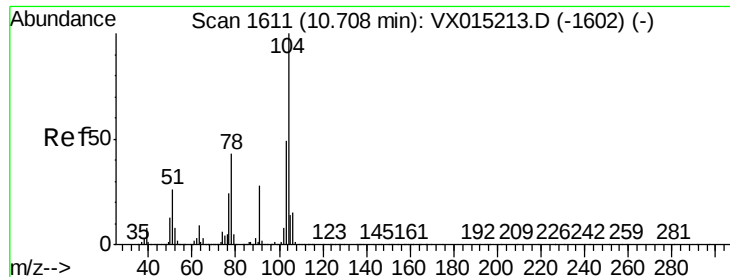
Tot Ion:106 Resp: 1613815
Ion Ratio Lower Upper
106 100
91 198.7 158.2 237.2



#68
o-Xylene
Concen: 147.522 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion:106 Resp: 787265
Ion Ratio Lower Upper
106 100
91 209.3 103.6 310.8

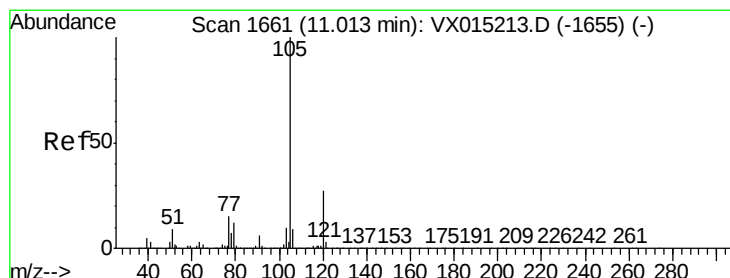
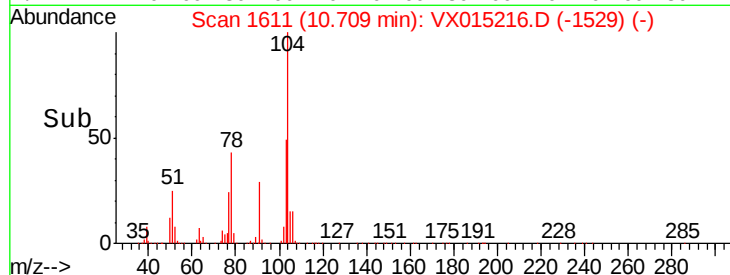
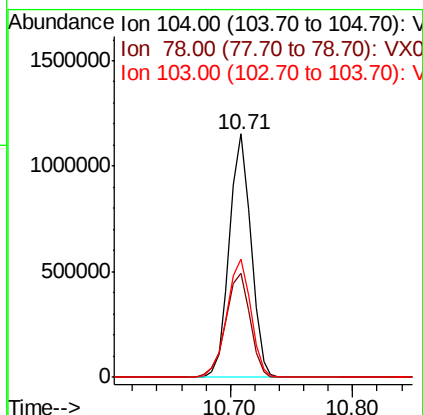
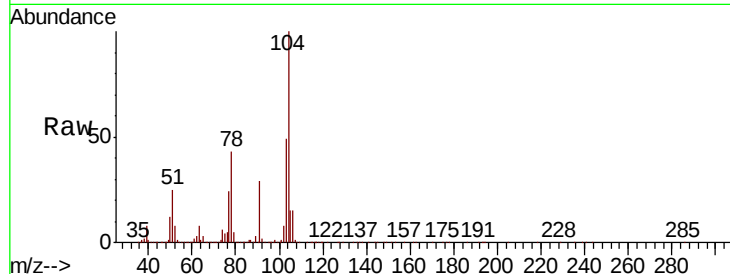




#69
Stvrene
Concen: 153.197 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

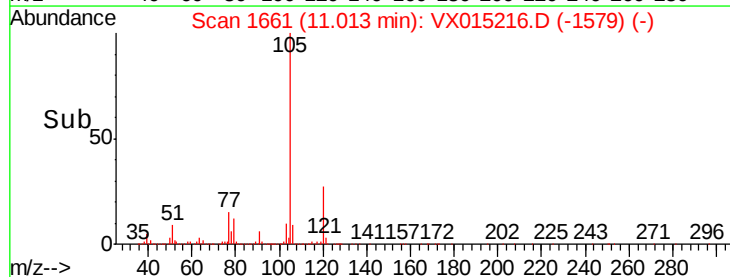
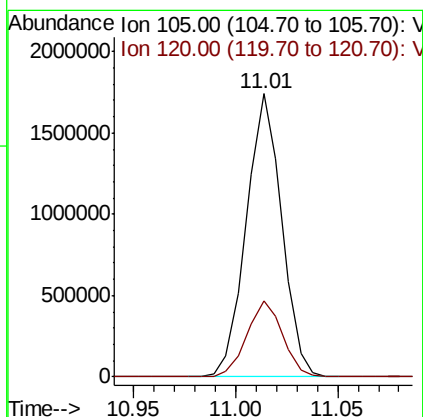
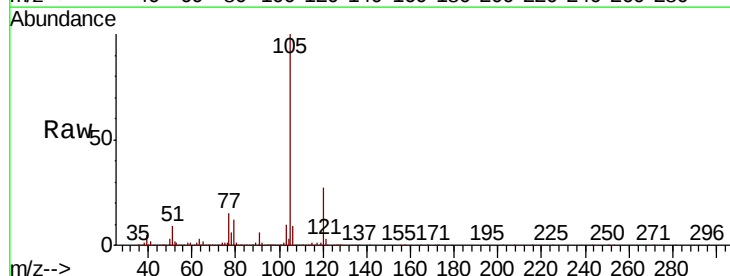
Instrument :
MSVOA_X
ClientSampleId :

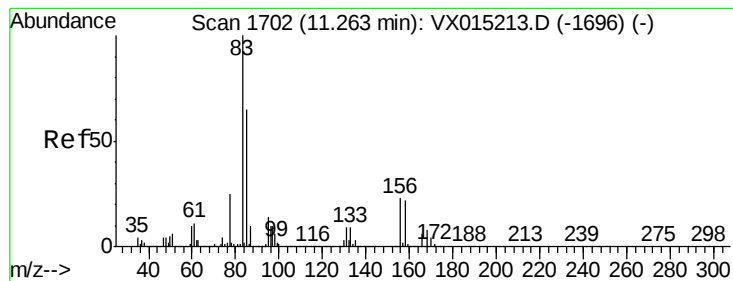
Tot Ion:104 Resp: 1405713
Ion Ratio Lower Upper
104 100
78 48.2 38.3 57.5
103 53.8 42.6 64.0



#70
Isopropylbenzene
Concen: 148.495 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion:105 Resp: 2100781
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 146.107 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampleId :

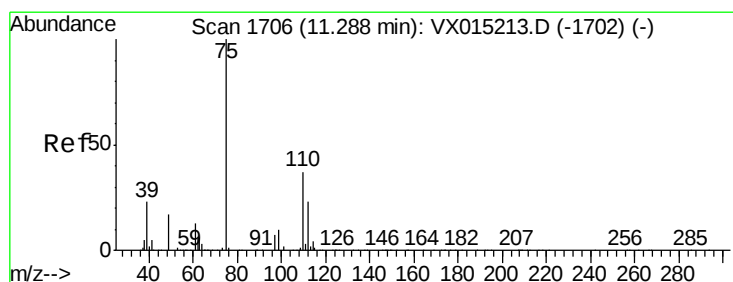
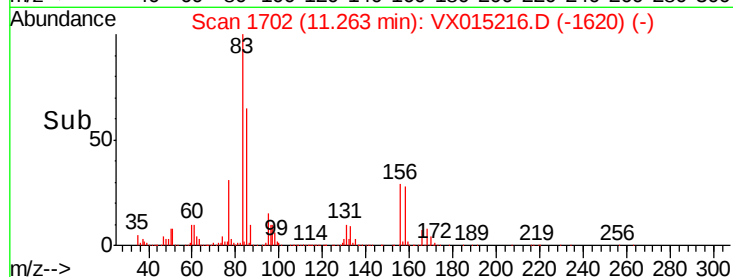
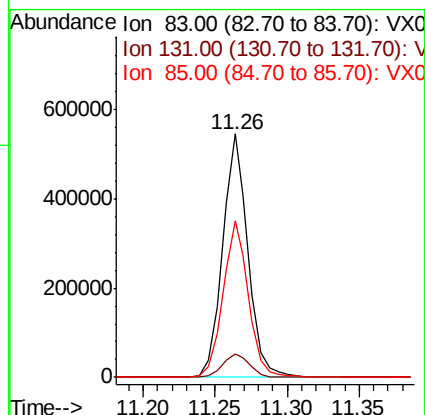
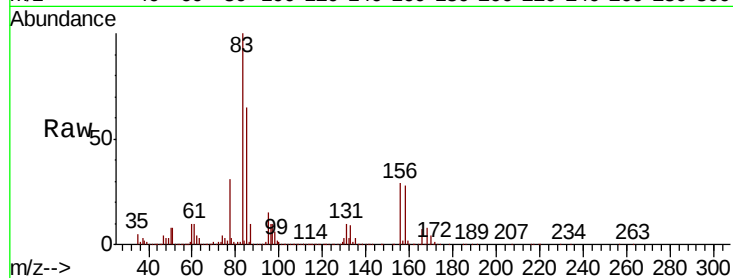
Tot Ion: 83 Resp: 668357

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 64.8 32.1 96.3



#72

1,2,3-Trichloropropane

Concen: 204.284 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015216.D

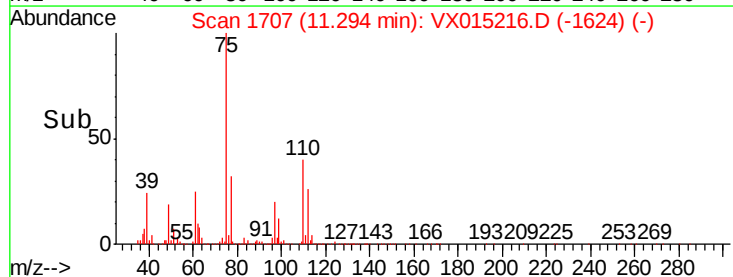
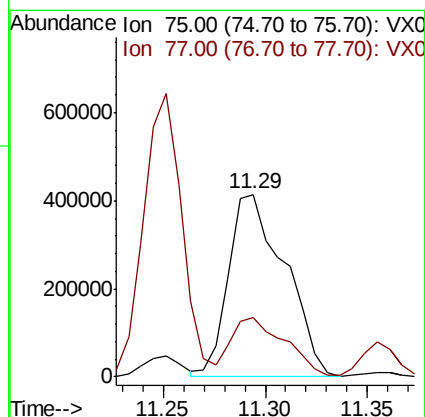
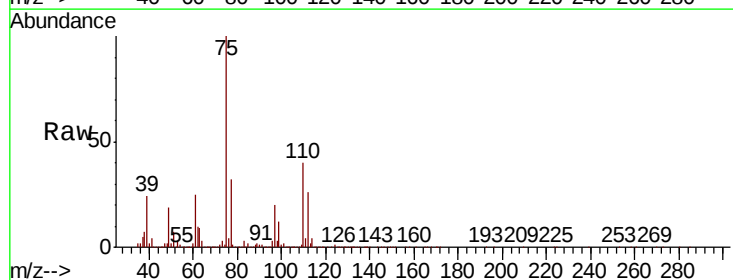
Acq: 11 Mar 2020 21:48

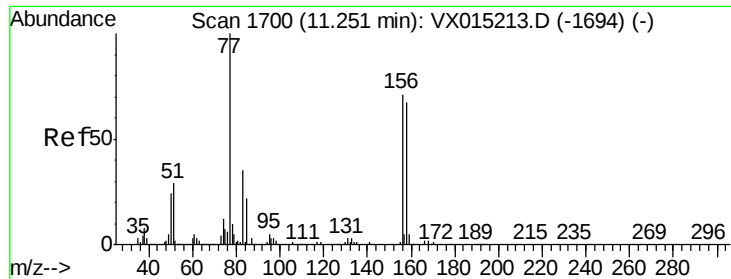
Tgt Ion: 75 Resp: 796228

Ion Ratio Lower Upper

75 100

77 31.1 0.0 69.4





#73

Bromobenzene

Concen: 147.649 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampleId :

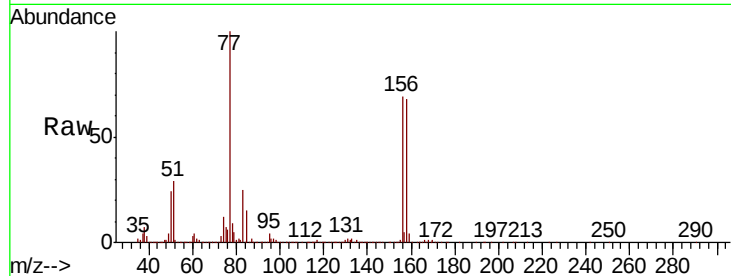
Tot Ion:156 Resp: 564288

Ion Ratio Lower Upper

156 100

77 148.9 0.0 300.2

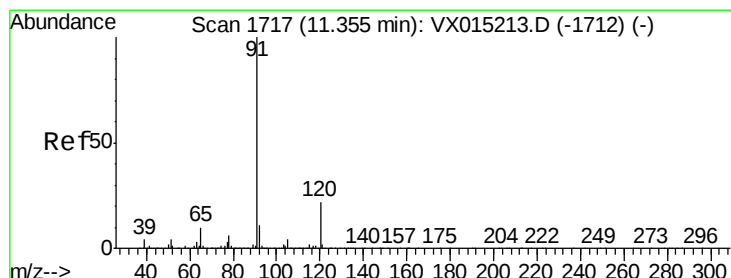
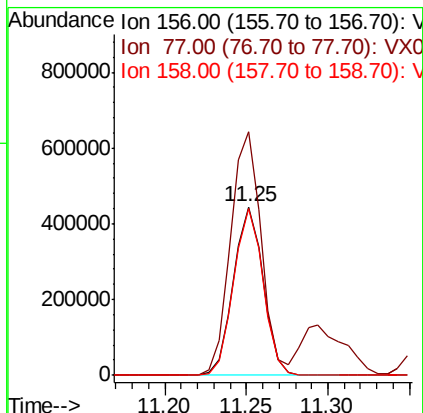
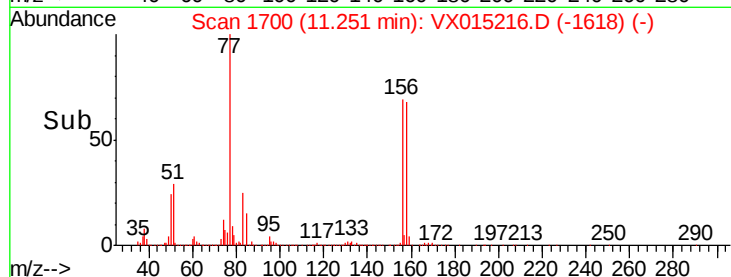
158 98.1 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 149.838 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015216.D

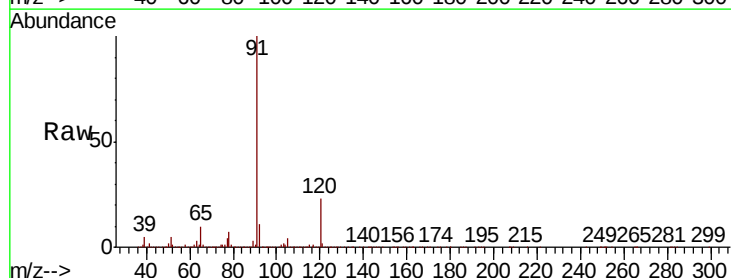
Acq: 11 Mar 2020 21:48

Tgt Ion: 91 Resp: 2419429

Ion Ratio Lower Upper

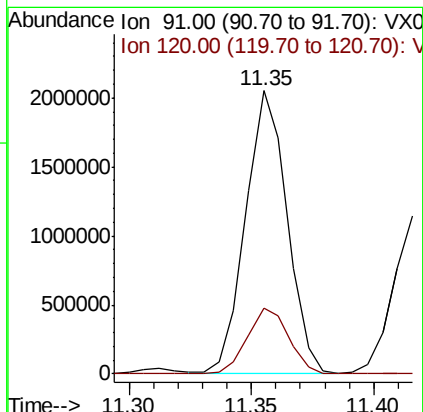
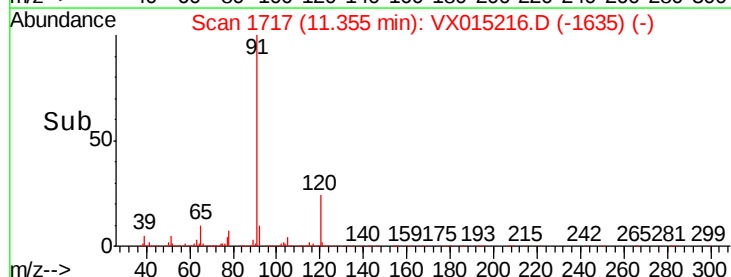
91 100

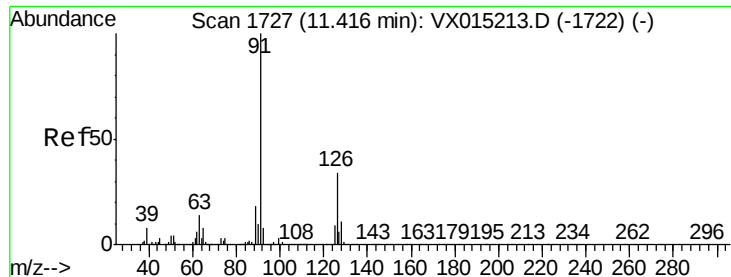
120 23.5 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

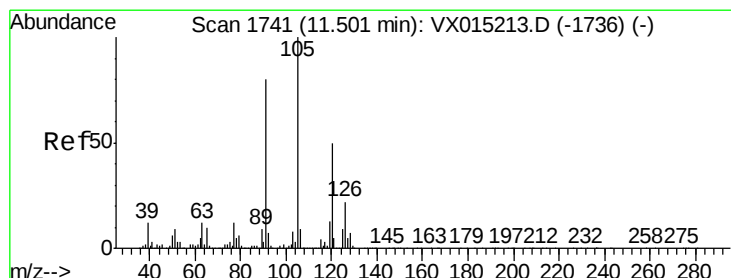
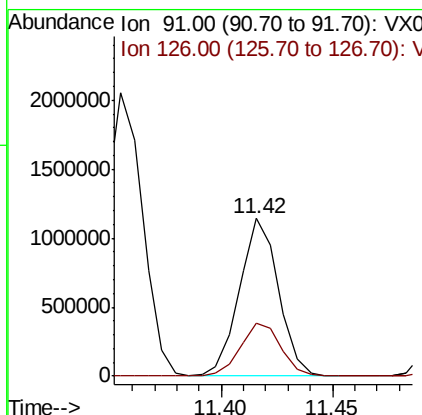
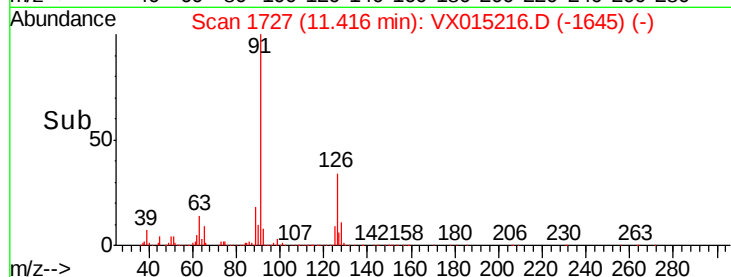
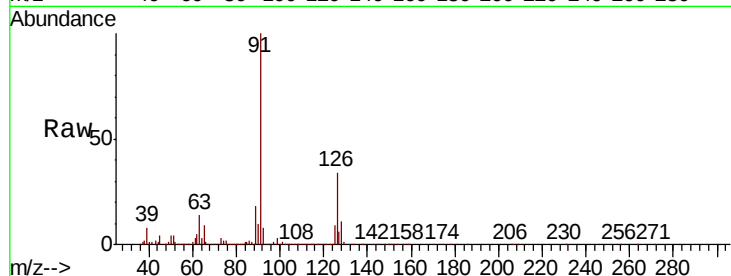




#75
2-Chlorotoluene
Concen: 146.887 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

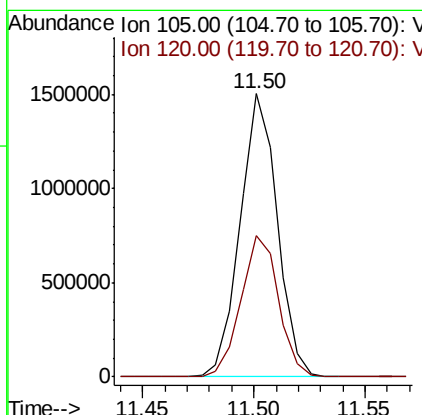
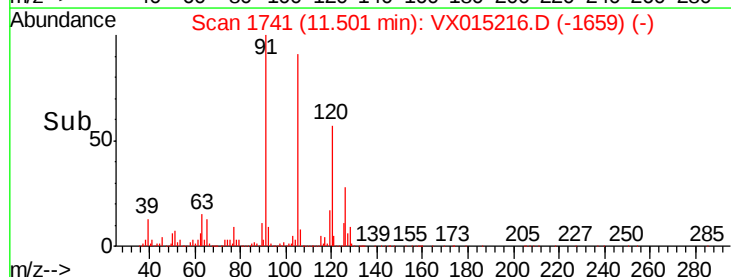
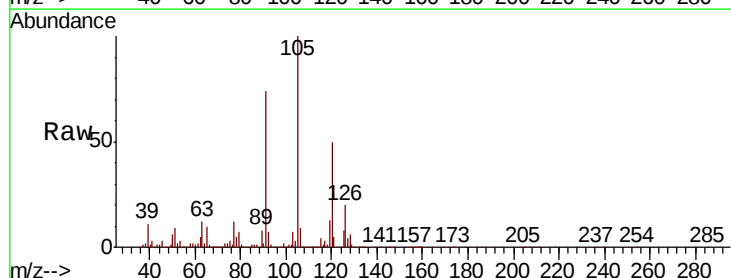
Instrument :
MSVOA_X
ClientSampleId :

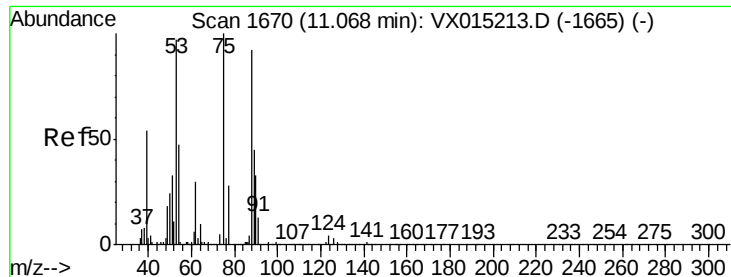
Tot Ion: 91 Resp: 1396241
Ion Ratio Lower Upper
91 100
126 34.7 0.0 68.0



#76
1,3,5-Trimethylbenzene
Concen: 147.867 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 105 Resp: 1749439
Ion Ratio Lower Upper
105 100
120 50.5 0.0 100.2

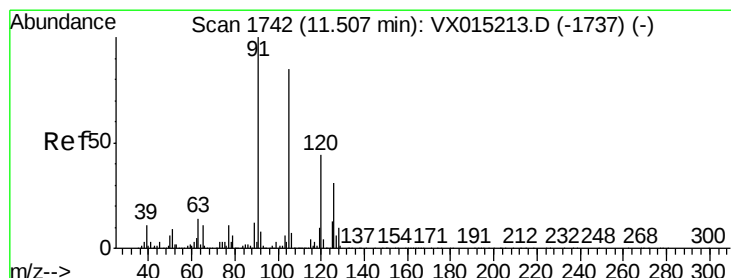
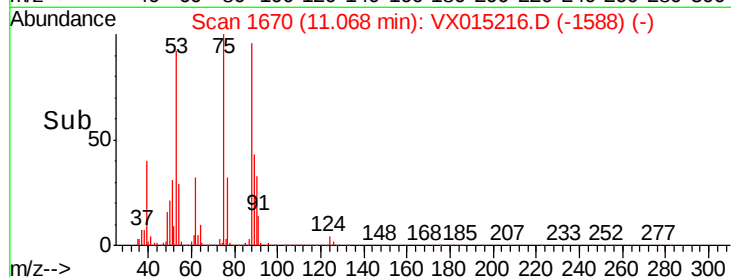
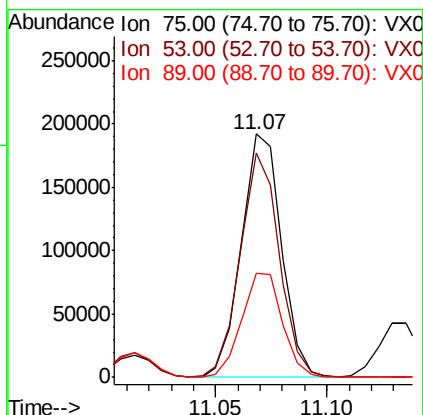
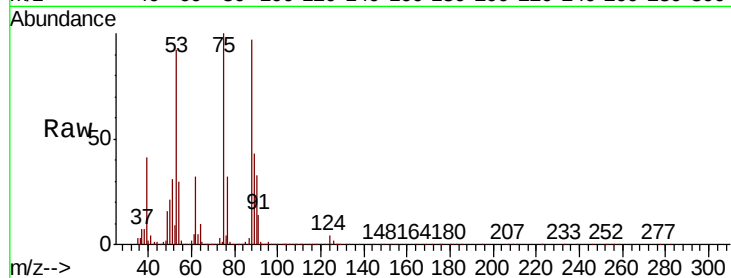




#77
t-1,4-Dichloro-2-butene
Concen: 159.516 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

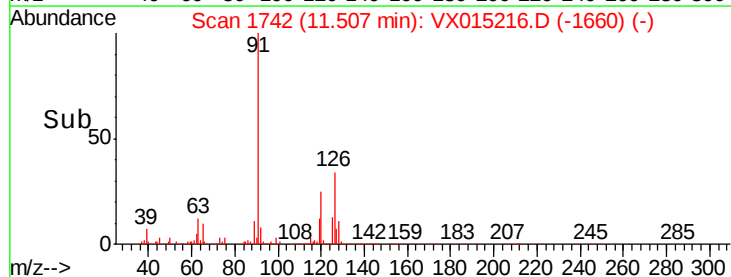
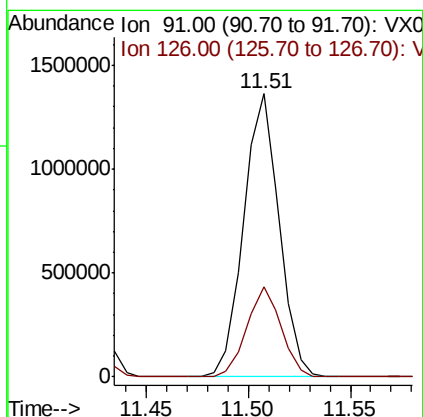
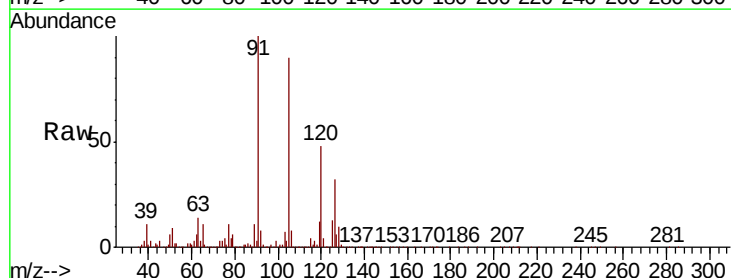
Instrument :
MSVOA_X
ClientSampleId :

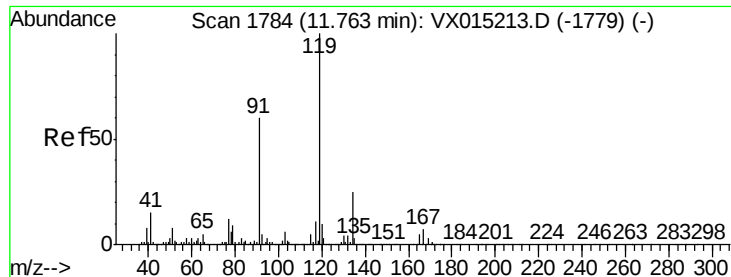
Tot Ion	Ratio	Lower	Upper
75	100		
53	92.0	48.7	146.1
89	42.7	22.4	67.3



#78
4-Chlorotoluene
Concen: 148.227 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	0.0	60.0





#79

tert-butylbenzene

Concen: 150.683 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampleId :

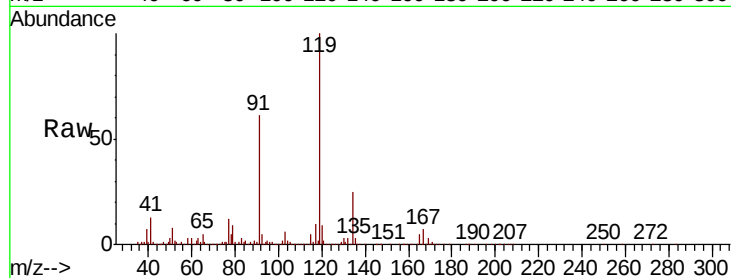
Tot Ion:119 Resp: 1718037

Ion Ratio Lower Upper

119 100

91 56.2 0.0 113.8

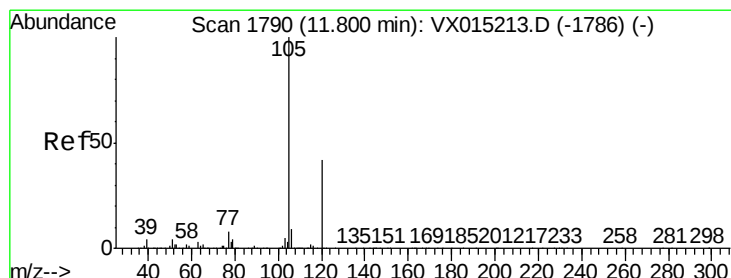
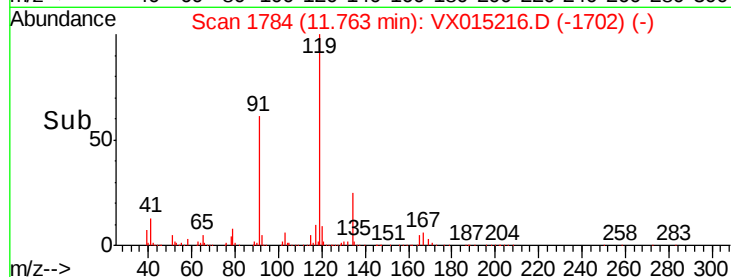
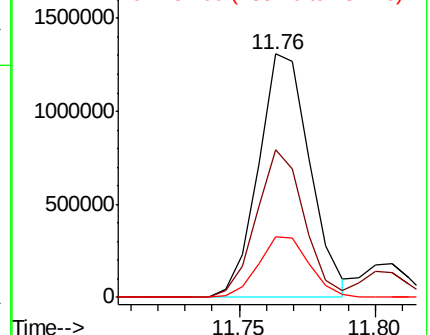
134 24.4 0.0 50.6



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: 152.267 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX015216.D

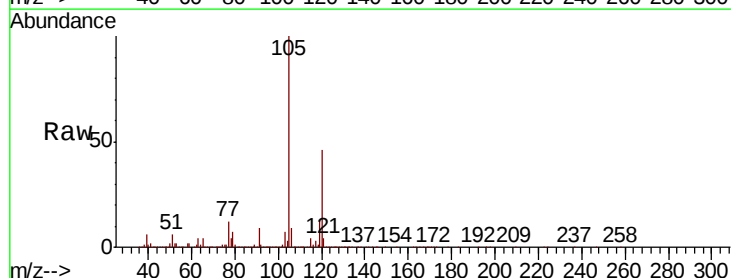
Acq: 11 Mar 2020 21:48

Tgt Ion:105 Resp: 1797669

Ion Ratio Lower Upper

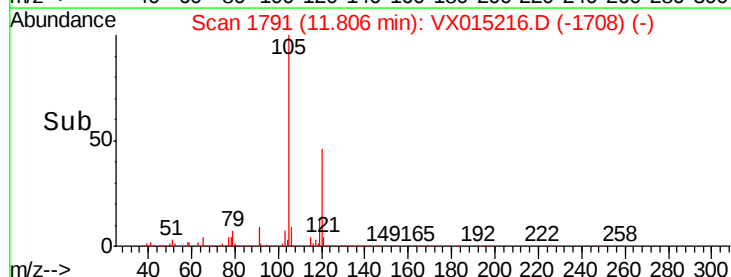
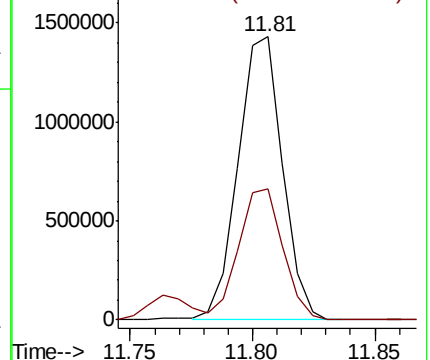
105 100

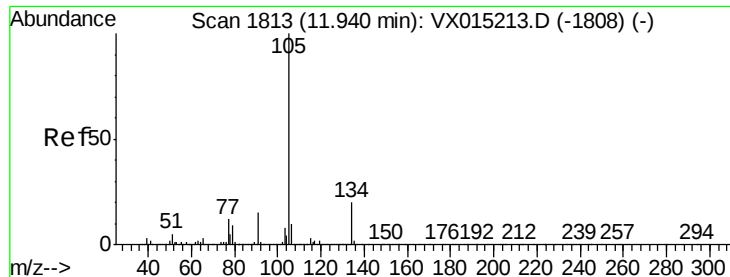
120 46.2 0.0 92.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

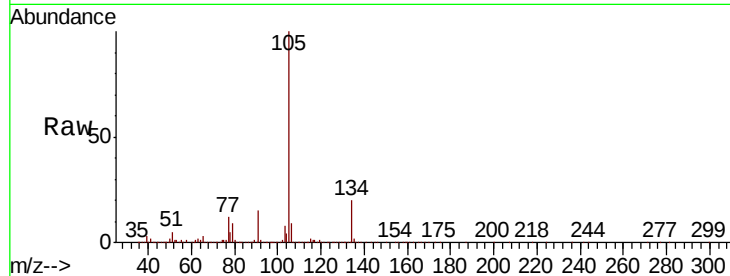




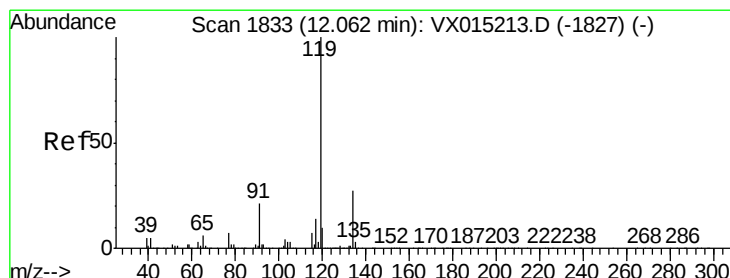
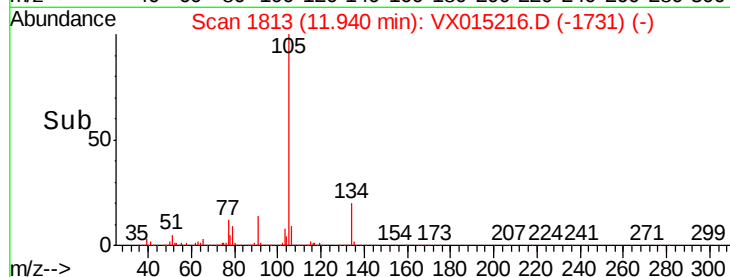
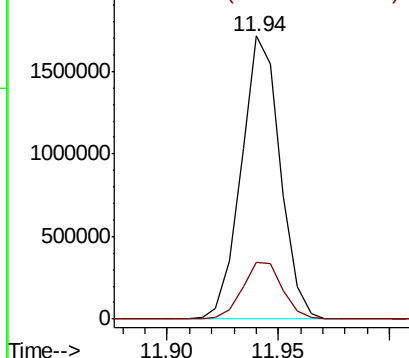
#81
 sec-Butylbenzene
 Concen: 151.691 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:105 Resp: 2084253
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.4

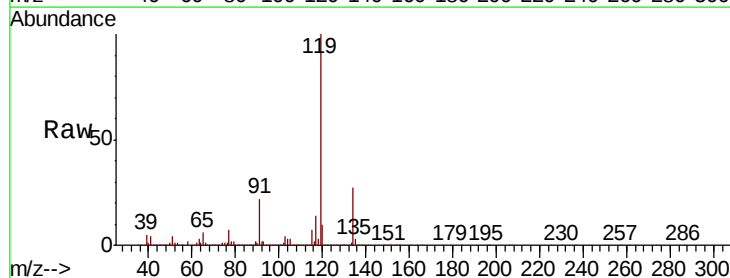


Abundance Ion 105.00 (104.70 to 105.70): V
 2000000 Ion 134.00 (133.70 to 134.70): V

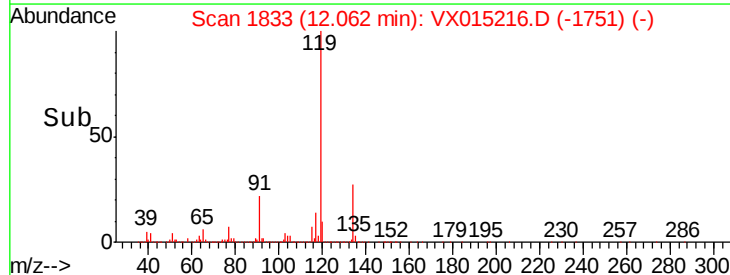
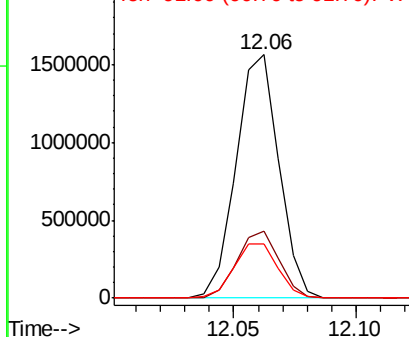


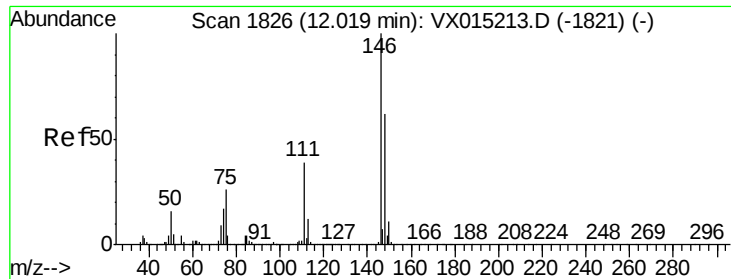
#82
 p-Isopropyltoluene
 Concen: 149.707 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Tgt Ion:119 Resp: 1898969
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 52.2
 91 23.0 0.0 43.4



Abundance Ion 119.00 (118.70 to 119.70): V
 2000000 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

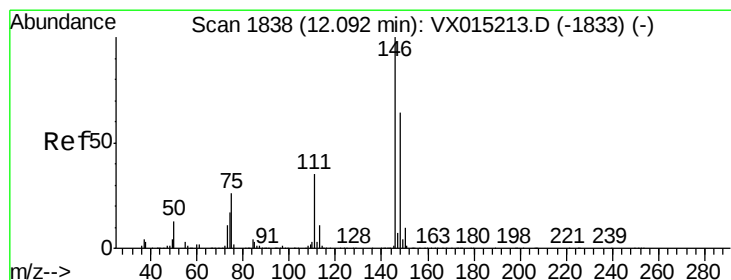
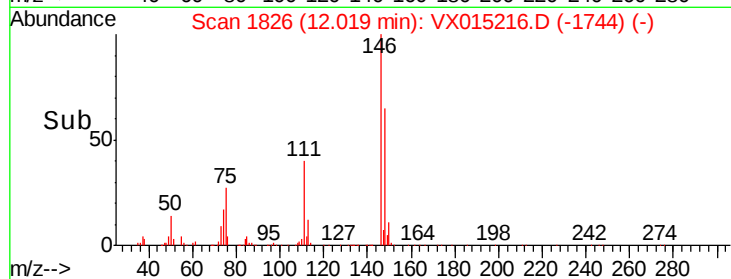
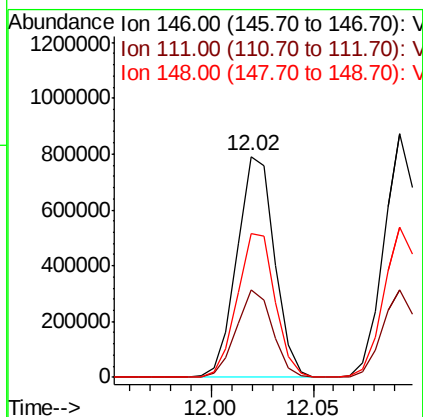
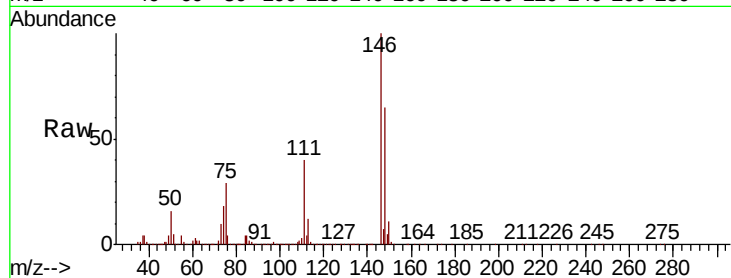




#83
 1,3-Dichlorobenzene
 Concen: 150.442 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

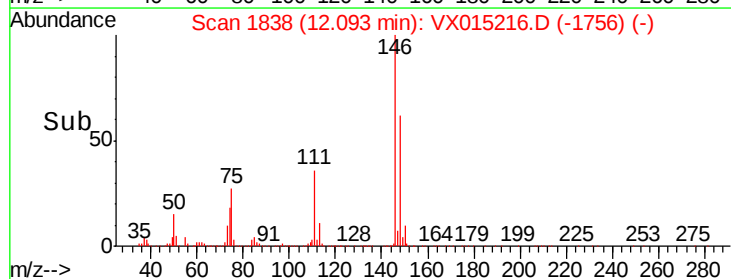
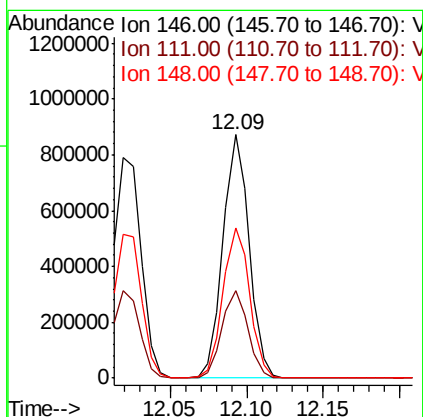
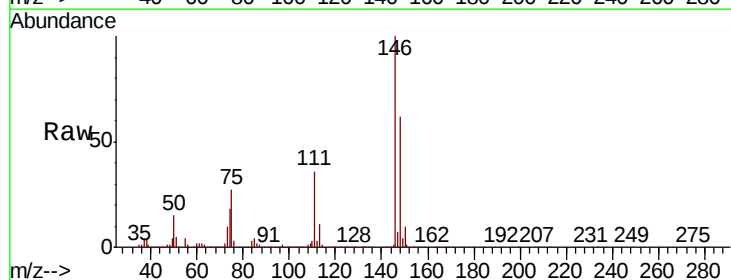
Instrument :
 MSVOA_X
 ClientSampled :

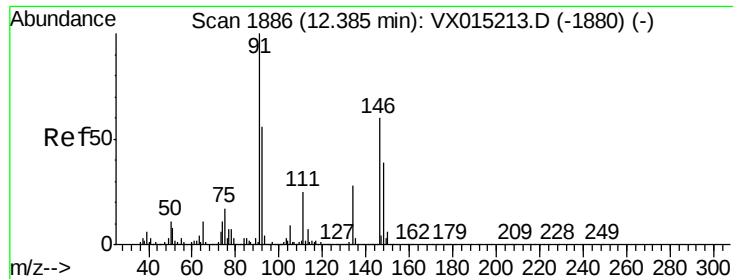
Tot Ion:146 Resp: 1013447
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 65.1 31.3 93.9



#84
 1,4-Dichlorobenzene
 Concen: 152.343 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Tgt Ion:146 Resp: 1032078
 Ion Ratio Lower Upper
 146 100
 111 35.9 18.1 54.1
 148 63.1 31.7 95.1

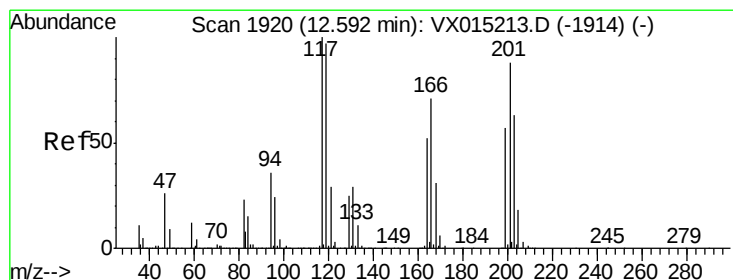
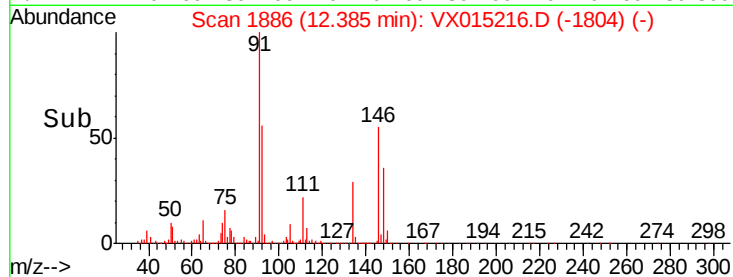
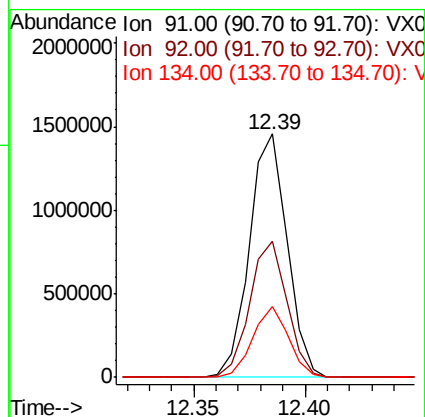
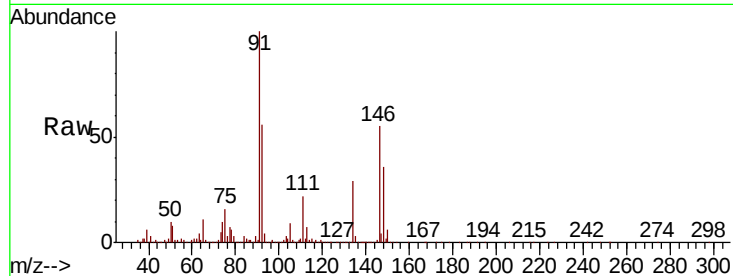




#85
n-Butylbenzene
Concen: 155.419 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

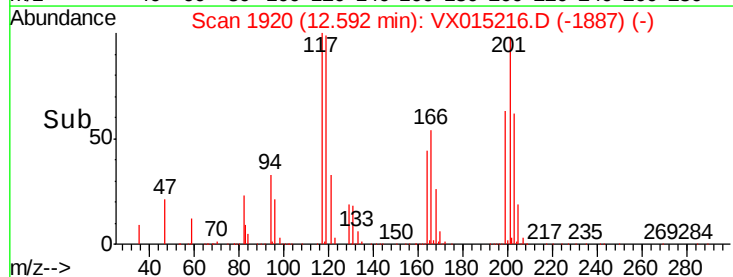
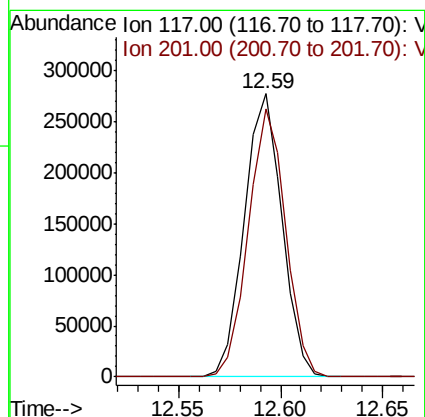
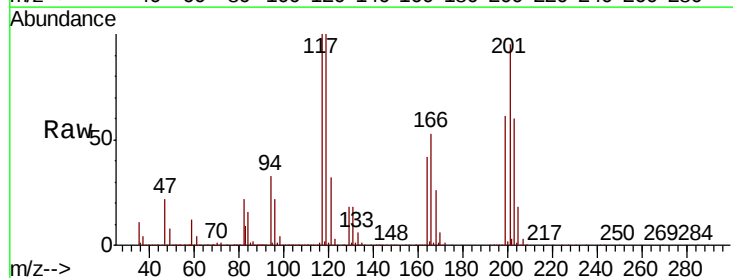
Instrument :
MSVOA_X
ClientSampleId :

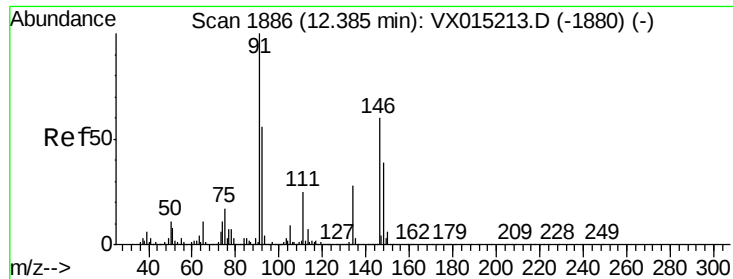
Tot Ion: 91 Resp: 1725859
Ion Ratio Lower Upper
91 100
92 55.3 0.0 109.6
134 27.6 0.0 54.6



#86
Hexachloroethane
Concen: 154.433 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015216.D
Acq: 11 Mar 2020 21:48

Tgt Ion: 117 Resp: 356151
Ion Ratio Lower Upper
117 100
201 93.8 43.8 131.4

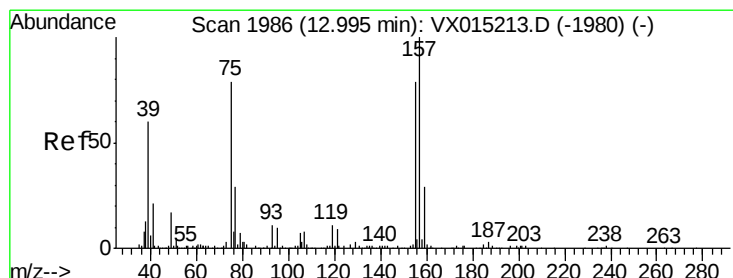
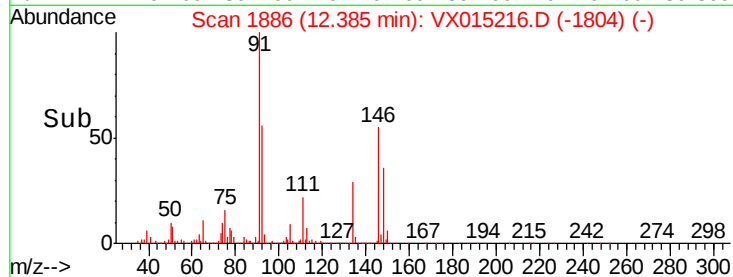
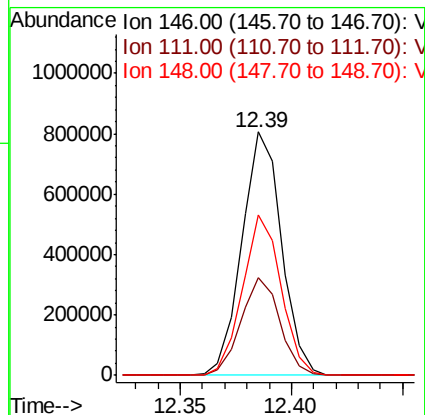
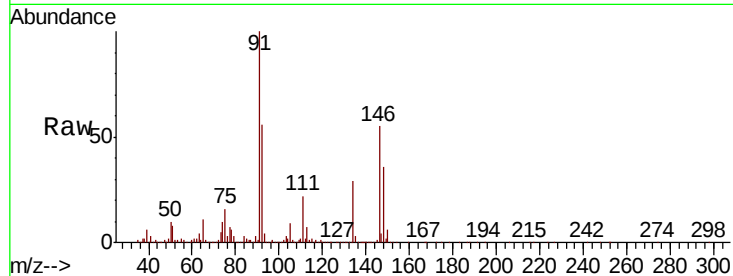




#87
 1,2-Dichlorobenzene
 Concen: 150.030 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

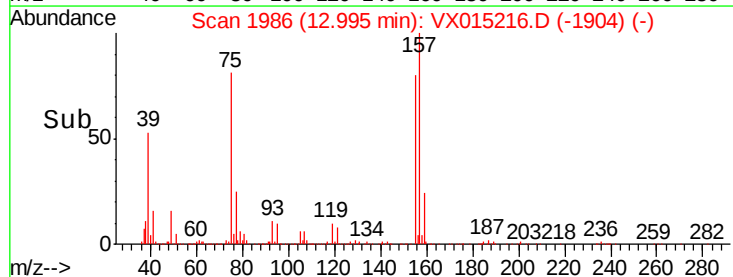
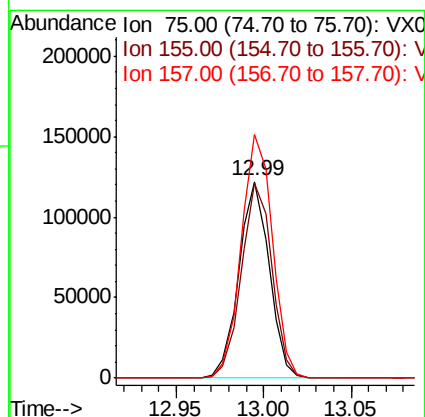
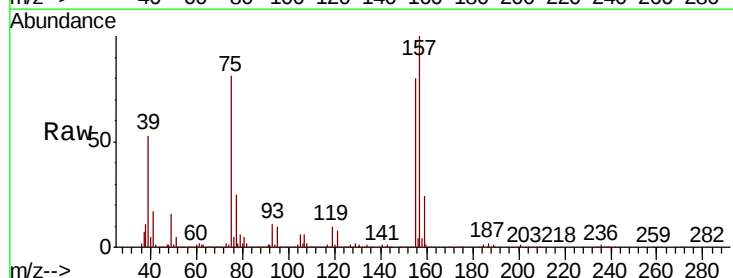
Instrument :
 MSVOA_X
 ClientSampleId :

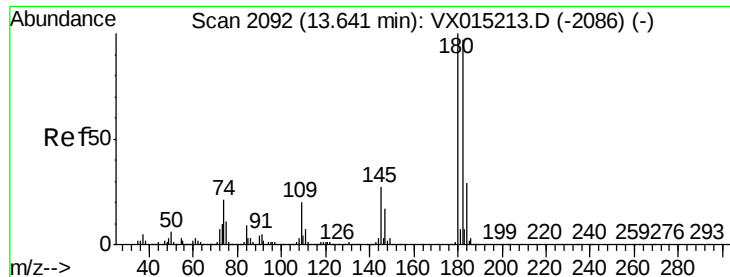
Tot Ion:146 Resp: 1000617
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.2 60.5
 148 64.1 32.5 97.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 149.809 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Tgt Ion: 75 Resp: 147309
 Ion Ratio Lower Upper
 75 100
 155 100.0 79.4 119.2
 157 127.6 99.1 148.7

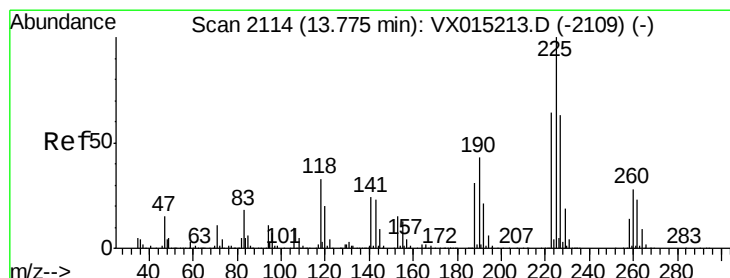
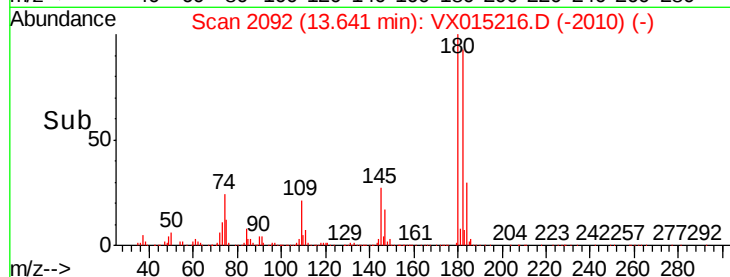
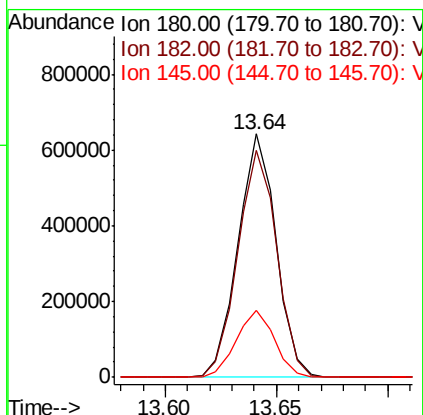
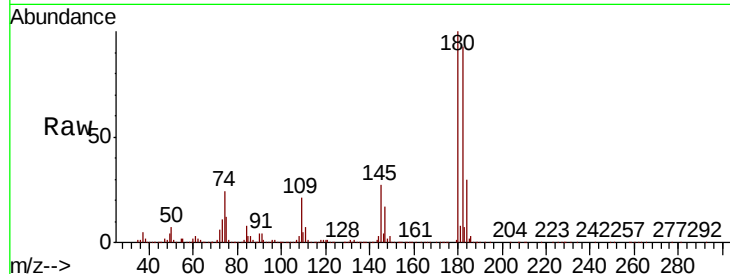




#89
 1,2,4-Trichlorobenzene
 Concen: 159.045 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

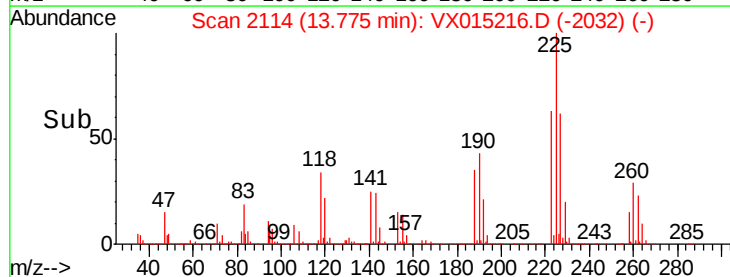
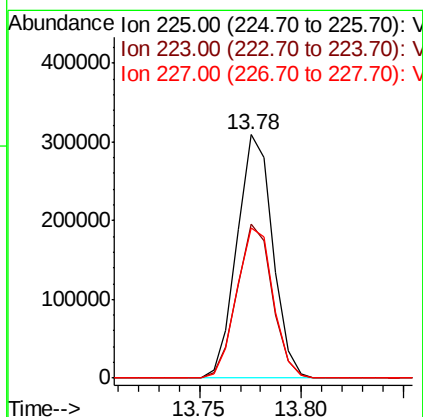
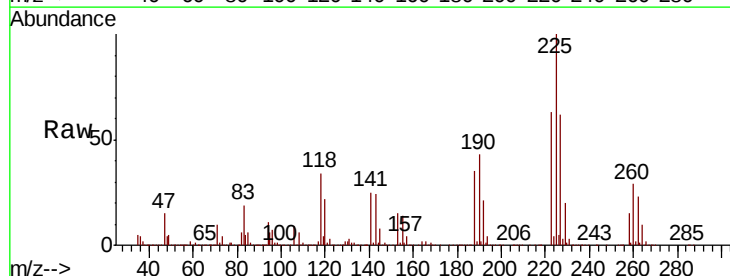
Instrument :
 MSVOA_X
 ClientSampleId :

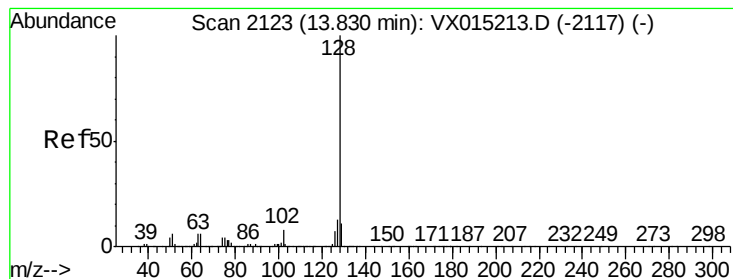
Tot Ion:180 Resp: 767945
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.6 113.4
 145 27.6 22.7 34.1



#90
 Hexachlorobutadiene
 Concen: 156.951 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015216.D
 Acq: 11 Mar 2020 21:48

Tgt Ion:225 Resp: 374967
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 127.6
 227 62.9 0.0 128.6





#91

Naphthalene

Concen: 162.378 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

Instrument :

MSVOA_X

ClientSampled :

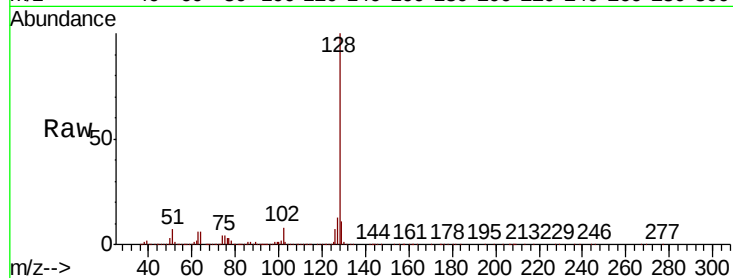
Tot Ion:128 Resp: 2207592

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

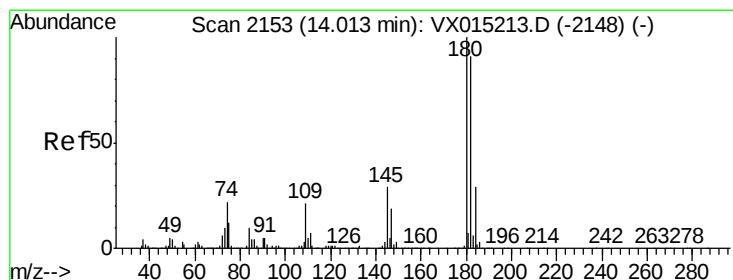
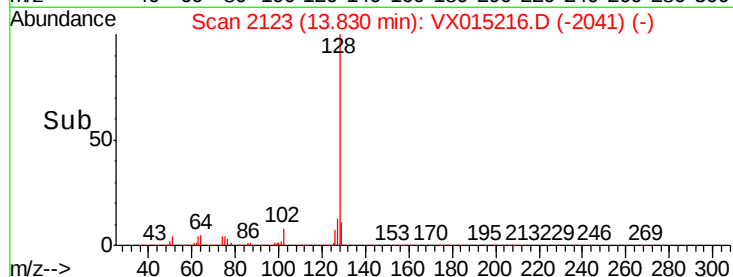
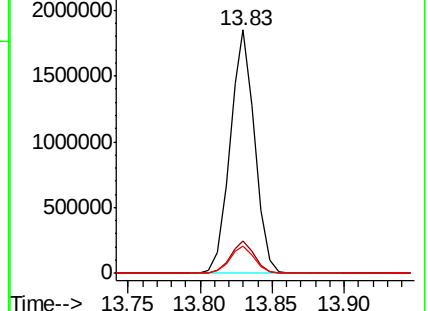
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 158.024 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015216.D

Acq: 11 Mar 2020 21:48

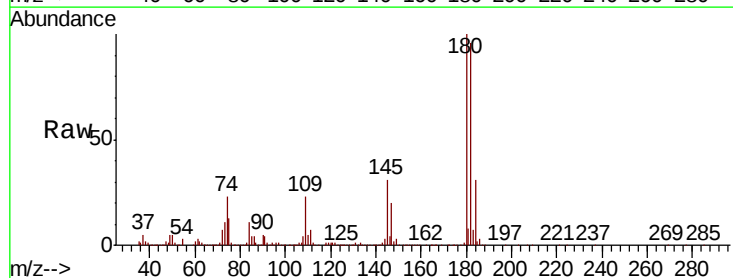
Tgt Ion:180 Resp: 760341

Ion Ratio Lower Upper

180 100

182 96.3 0.0 188.4

145 29.6 0.0 59.2



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

