

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014115.D
 Acq On : 19 Dec 2019 12:35
 Operator : JC/SP
 Sample : VX1219WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 00:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	553324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	823447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	310677	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	5.49	113	260031	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.71	98	1006254	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.13	95	349906	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	89822	18.145	ug/l	98
3) Chloromethane	1.32	50	127595	19.207	ug/l	98
4) Vinyl Chloride	1.40	62	132814	18.947	ug/l	100
5) Bromomethane	1.63	94	80455	16.171	ug/l	99
6) Chloroethane	1.72	64	83879	19.388	ug/l	95
7) Trichlorofluoromethane	1.92	101	167570	19.311	ug/l	99
8) Diethyl Ether	2.18	74	73802	18.122	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102841	19.661	ug/l	98
10) Methyl Iodide	2.50	142	118874	18.950	ug/l	99
11) Tert butyl alcohol	3.03	59	118241	87.259	ug/l	100
12) 1,1-Dichloroethene	2.36	96	99681	18.728	ug/l	100
13) Acrolein	2.28	56	83811	108.049	ug/l	99
14) Allyl chloride	2.72	41	181575	19.106	ug/l	99
15) Acrylonitrile	3.13	53	302451	95.628	ug/l	99
16) Acetone	2.43	43	345696	84.910	ug/l	99
17) Carbon Disulfide	2.56	76	260758	18.132	ug/l	99
18) Methyl Acetate	2.76	43	156249	19.368	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	329699	18.850	ug/l	100
20) Methylene Chloride	2.84	84	117204	18.281	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	107848	18.392	ug/l	97
22) Diisopropyl ether	3.84	45	370317	19.554	ug/l	96
23) Vinyl Acetate	3.80	43	1550281	100.313	ug/l	99
24) 1,1-Dichloroethane	3.69	63	199120	18.899	ug/l	100
25) 2-Butanone	4.65	43	460534	91.750	ug/l	98
26) 2,2-Dichloropropane	4.57	77	154597	18.898	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	124577	18.785	ug/l	98
28) Bromochloromethane	5.00	49	82904	20.728	ug/l	99
29) Tetrahydrofuran	5.11	42	270141	96.221	ug/l	99
30) Chloroform	5.20	83	188737	18.896	ug/l	97
31) Cyclohexane	5.57	56	182429	19.467	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	159135	18.694	ug/l	100
36) 1,1-Dichloropropene	5.79	75	146328	19.367	ug/l	99
37) Ethyl Acetate	4.82	43	166154	19.914	ug/l	99
38) Carbon Tetrachloride	5.78	117	134110	19.484	ug/l	99

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 ClientSampleId :

Quant Time: Dec 20 00:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	182094	19.518	ug/l	95
40) Benzene	6.13	78	455516	19.594	ug/l	99
41) Methacrylonitrile	5.03	41	91969	19.866	ug/l	97
42) 1,2-Dichloroethane	6.18	62	153541	19.484	ug/l	100
43) Isopropyl Acetate	6.43	43	266848	19.326	ug/l	99
44) Trichloroethene	7.20	130	121489	18.920	ug/l	98
45) 1,2-Dichloropropane	7.50	63	118649	19.912	ug/l	98
46) Dibromomethane	7.65	93	75474	19.158	ug/l	98
47) Bromodichloromethane	7.89	83	143432	19.332	ug/l	99
48) Methyl methacrylate	7.76	41	128911	19.066	ug/l	99
49) 1,4-Dioxane	7.73	88	54732	397.770	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	843834	97.309	ug/l	98
52) Toluene	8.78	92	283140	19.269	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	155968	19.171	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	178802	19.728	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	114282	19.405	ug/l	98
56) Ethyl methacrylate	9.17	69	174913	18.907	ug/l	98
57) 1,3-Dichloropropane	9.36	76	195925	19.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	356674	101.880	ug/l	99
59) 2-Hexanone	9.48	43	653583	93.626	ug/l	99
60) Dibromochloromethane	9.57	129	112469	19.212	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118214	19.618	ug/l	99
64) Tetrachloroethene	9.33	164	122639	18.919	ug/l	99
65) Chlorobenzene	10.14	112	305072	19.586	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	108429	19.497	ug/l	99
67) Ethyl Benzene	10.25	91	528722	19.744	ug/l	100
68) m/p-Xylenes	10.36	106	406545	39.473	ug/l	100
69) o-Xylene	10.70	106	195748	19.379	ug/l	100
70) Styrene	10.71	104	326201	19.098	ug/l	98
71) Bromoform	10.85	173	82577	18.472	ug/l #	100
73) Isopropylbenzene	11.01	105	519936	20.448	ug/l	99
74) N-amyl acetate	10.89	43	226881	19.036	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174214	19.763	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	191335	24.404	ug/l	87
77) Bromobenzene	11.25	156	136406	19.498	ug/l	99
78) n-propylbenzene	11.35	91	589814	20.680	ug/l	99
79) 2-Chlorotoluene	11.42	91	345342	19.919	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	434299	20.295	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52021	18.728	ug/l	93
82) 4-Chlorotoluene	11.51	91	394743	19.629	ug/l	99
83) tert-Butylbenzene	11.76	119	409242	19.651	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	433303	20.219	ug/l	100
85) sec-Butylbenzene	11.94	105	504680	20.528	ug/l	100
86) p-Isopropyltoluene	12.06	119	458773	20.400	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	230719	18.817	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	235226	18.868	ug/l	99
89) n-Butylbenzene	12.39	91	386320	20.133	ug/l	99
90) Hexachloroethane	12.59	117	77971	19.303	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	233915	18.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	35037	17.961	ug/l	98

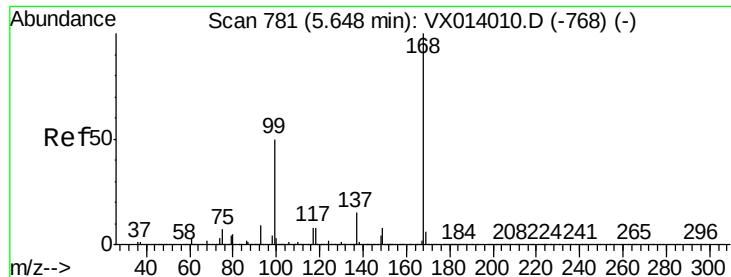
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	150483	18.758	ug/l	98
94) Hexachlorobutadiene	13.78	225	75368	19.548	ug/l	97
95) Naphthalene	13.83	128	433313	18.384	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	150361	18.987	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

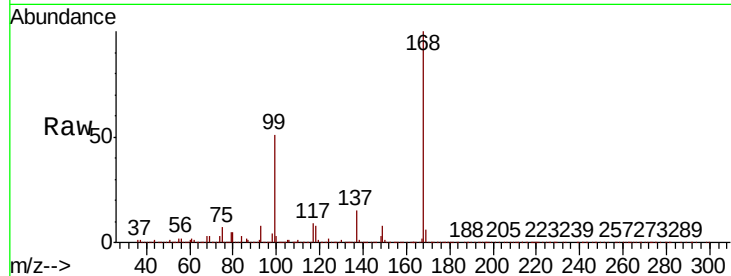


#1

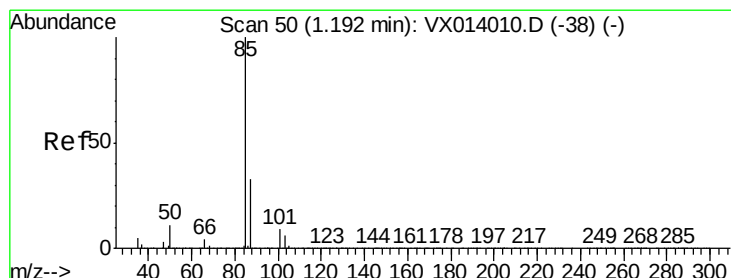
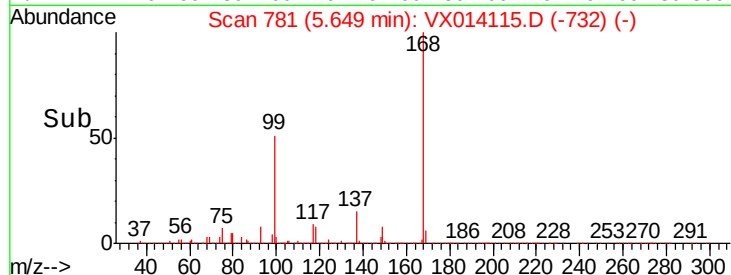
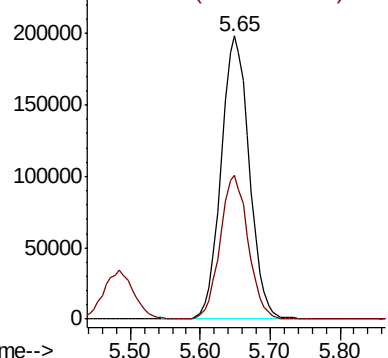
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:168 Resp: 553324
 Ion Ratio Lower Upper
 168 100
 99 50.3 40.3 60.5



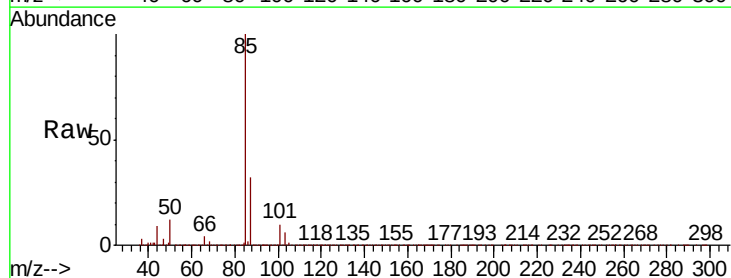
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



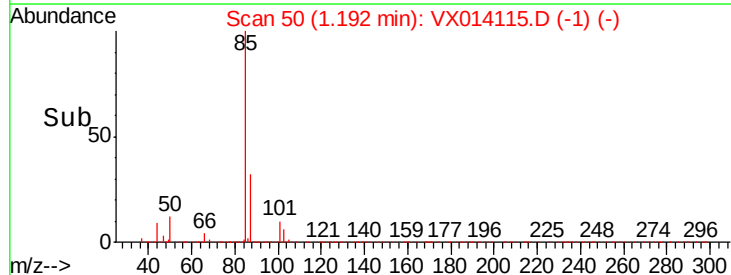
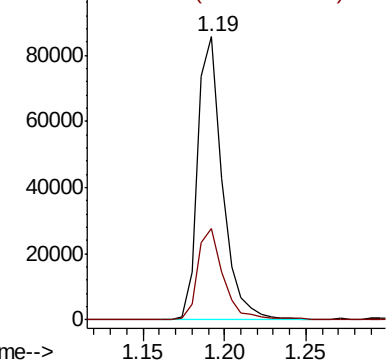
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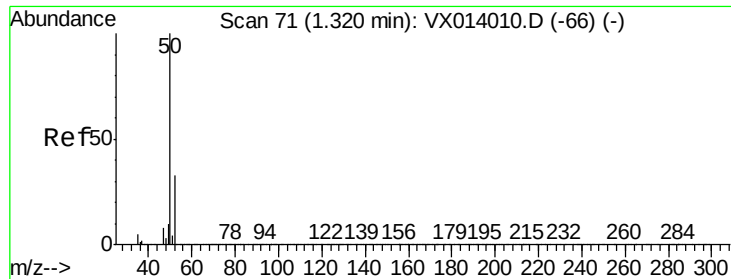
Dichlorodifluoromethane
 Concen: 18.145 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion: 85 Resp: 89822
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.207 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

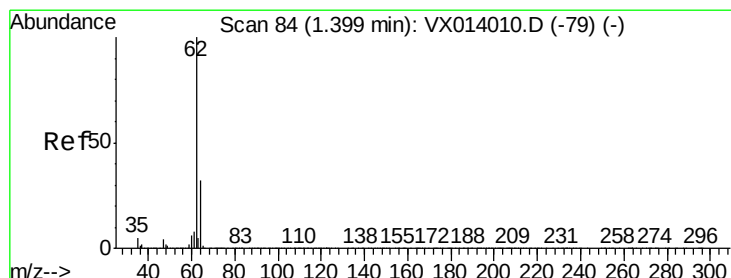
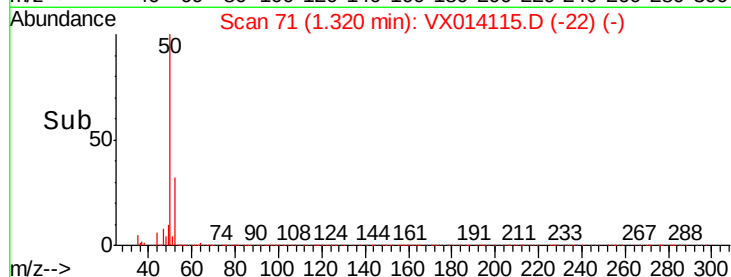
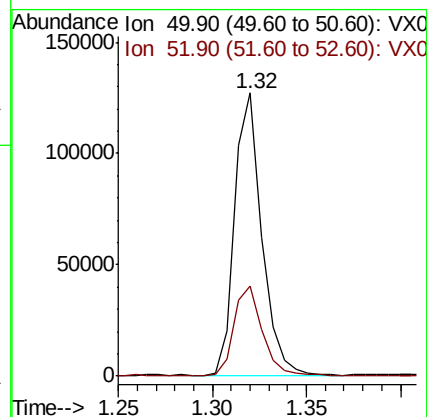
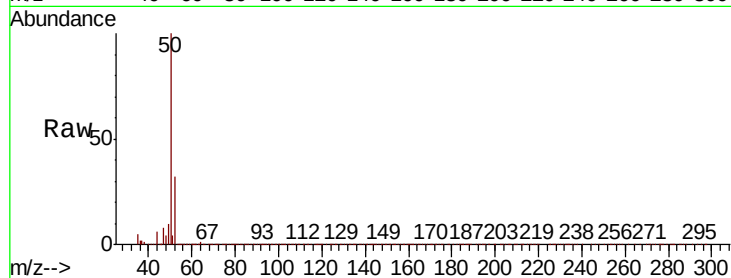
ClientSampleId :

Tot Ion: 50 Resp: 127595

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.4



#4

Vinyl Chloride

Concen: 18.947 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014115.D

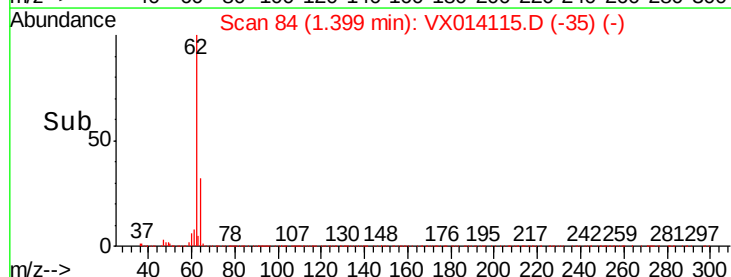
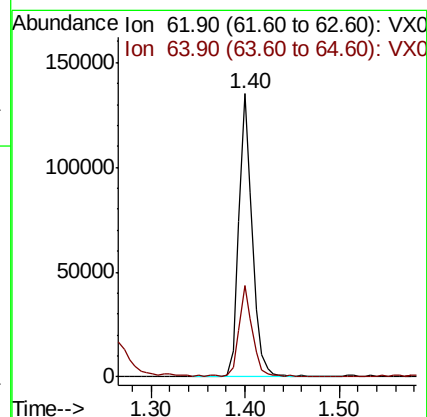
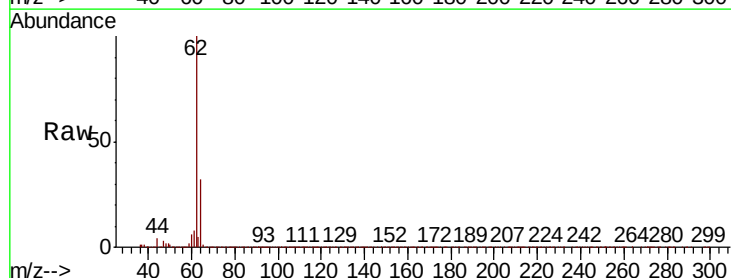
Acq: 19 Dec 2019 12:35

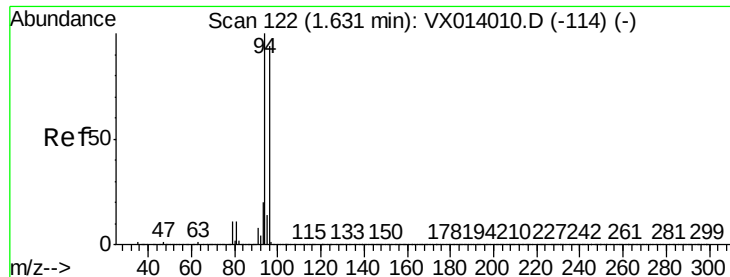
Tgt Ion: 62 Resp: 132814

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 16.171 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

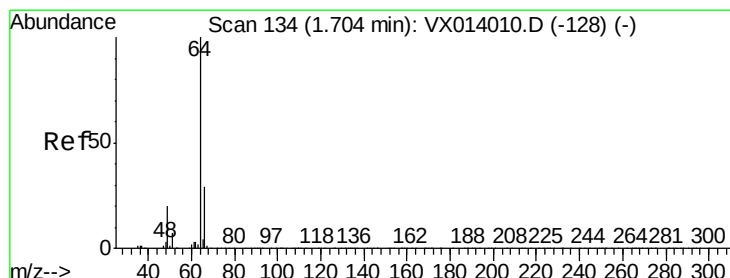
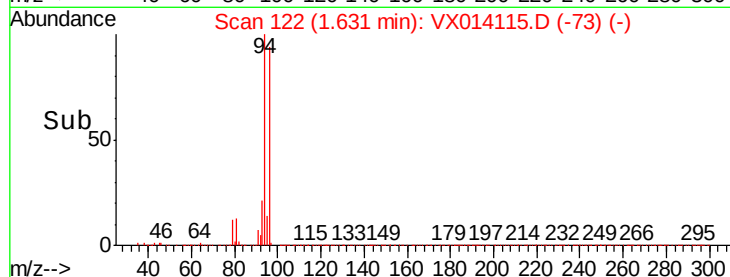
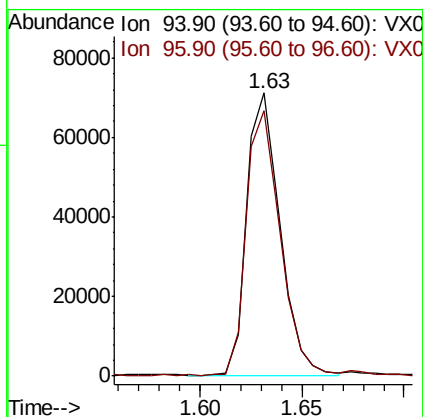
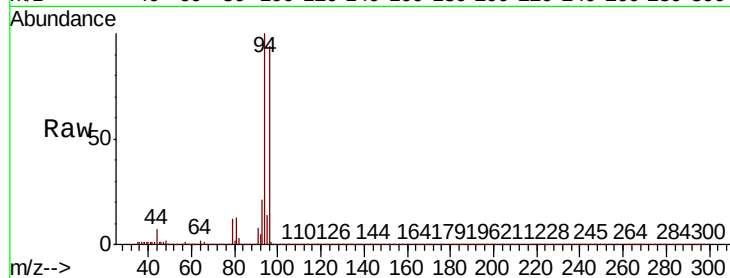
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 80455

Ion Ratio Lower Upper

94 100

96 93.2 75.2 112.8



#6

Chloroethane

Concen: 19.388 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014115.D

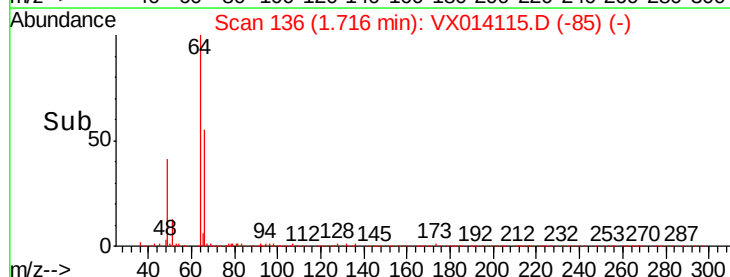
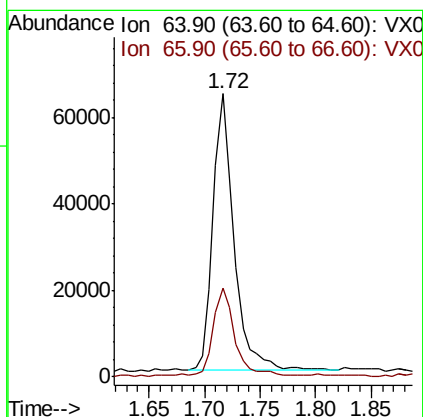
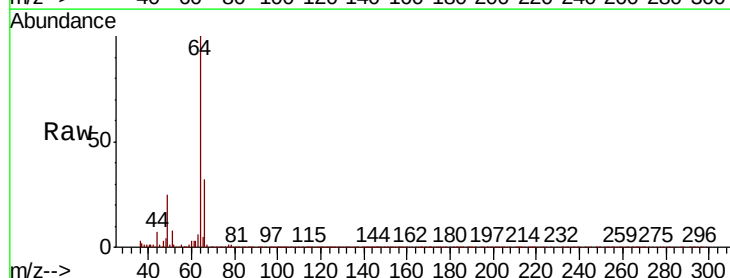
Acq: 19 Dec 2019 12:35

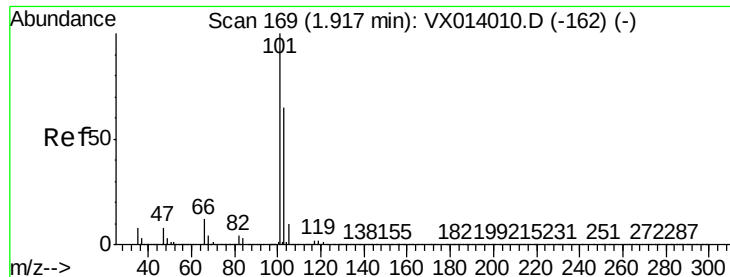
Tgt Ion: 64 Resp: 83879

Ion Ratio Lower Upper

64 100

66 31.8 23.4 35.2



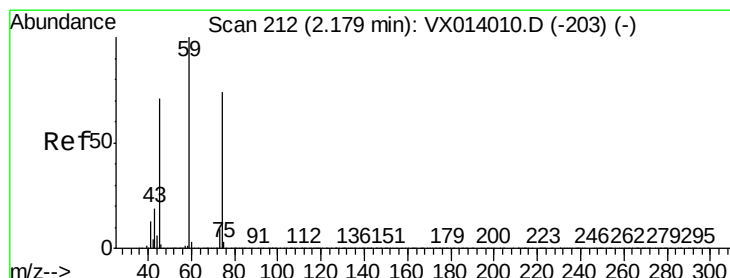
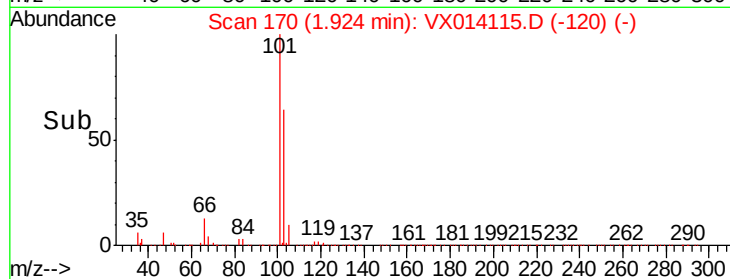
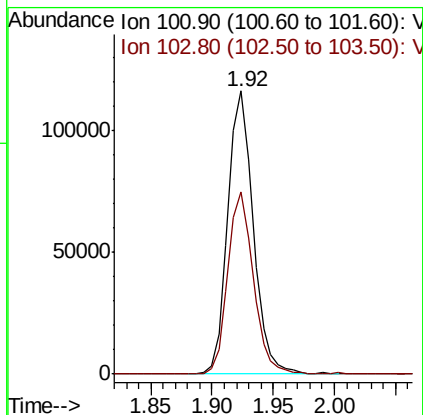
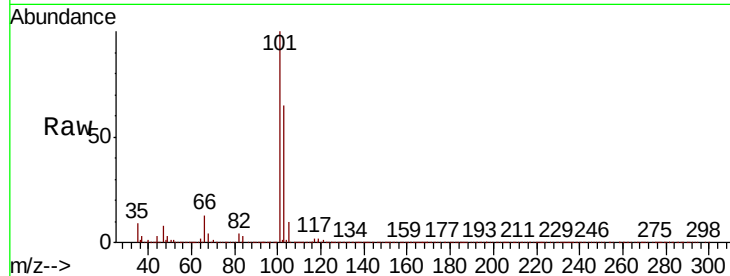


#7

Trichlorofluoromethane
Concen: 19.311 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :

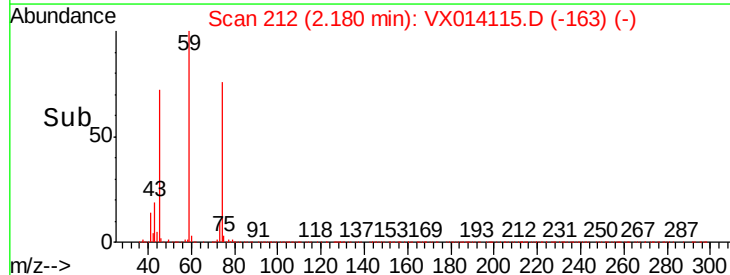
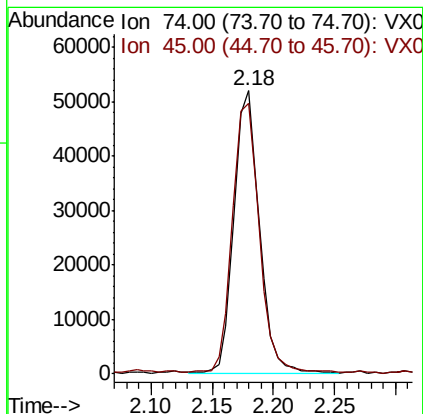
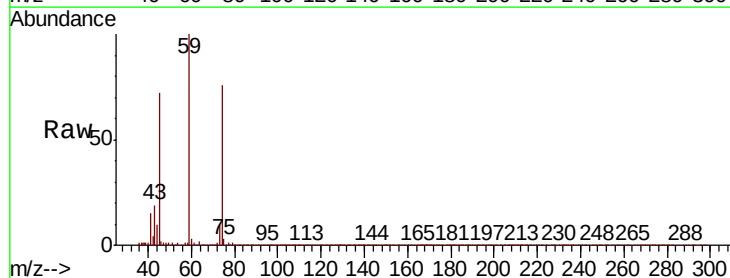
Tot Ion:101 Resp: 167570
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.4

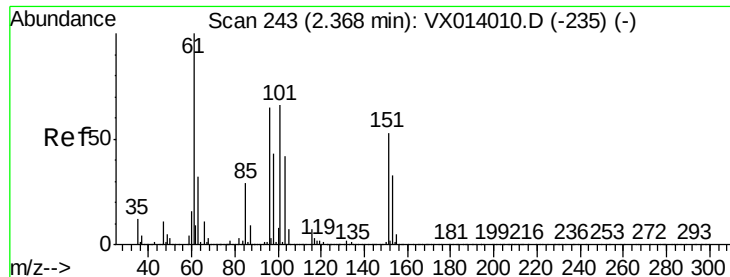


#8

Diethyl Ether
Concen: 18.122 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 74 Resp: 73802
Ion Ratio Lower Upper
74 100
45 100.8 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.661 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

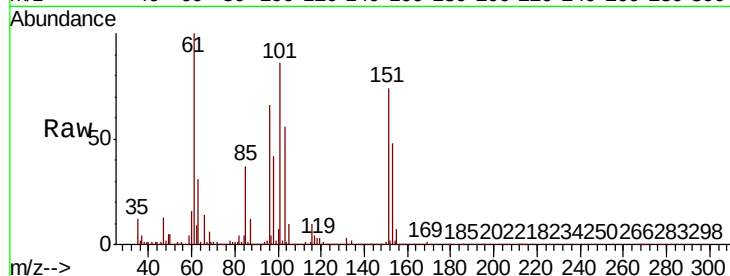
Tot Ion:101 Resp: 102841

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

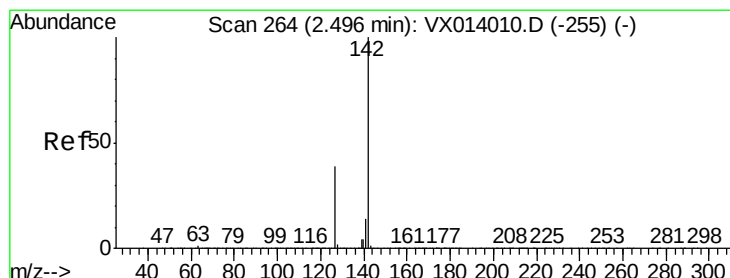
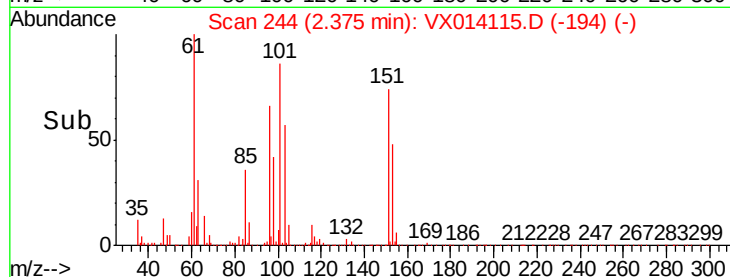
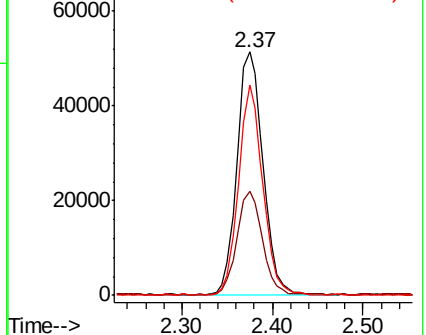
151 79.3 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.950 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

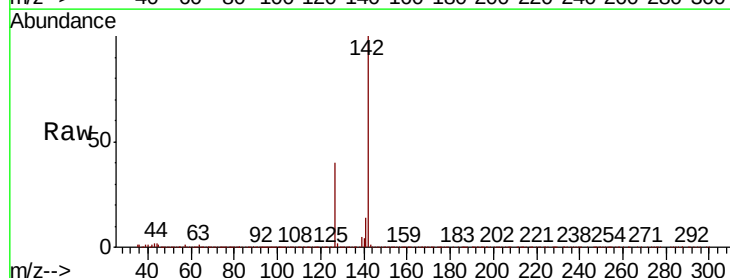
Tgt Ion:142 Resp: 118874

Ion Ratio Lower Upper

142 100

127 40.4 31.6 47.4

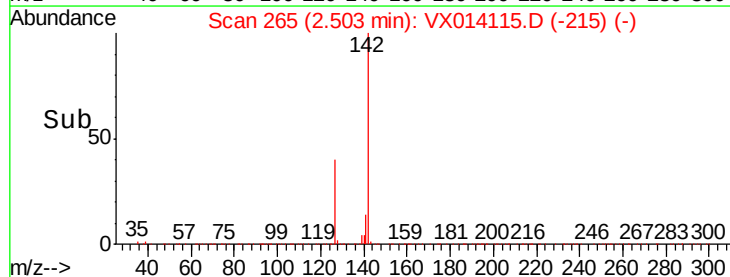
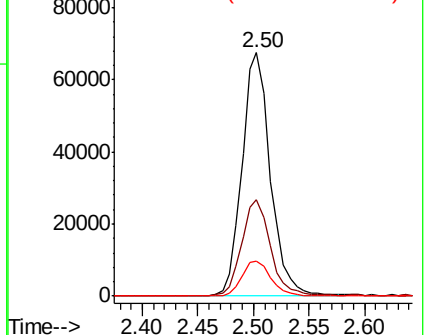
141 14.8 11.6 17.4

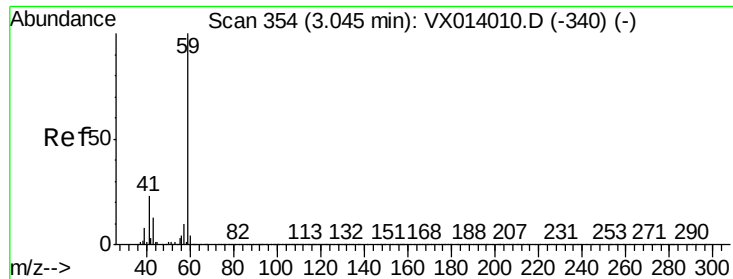


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



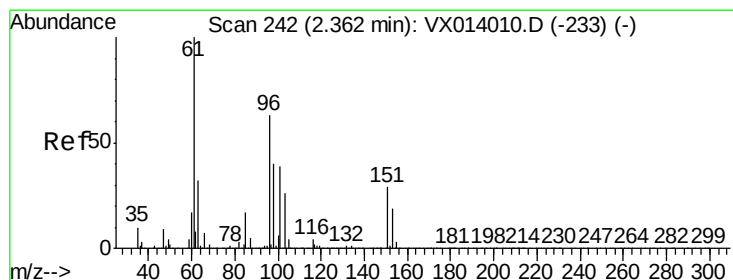
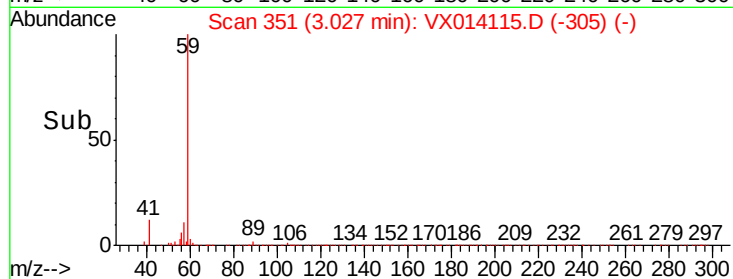
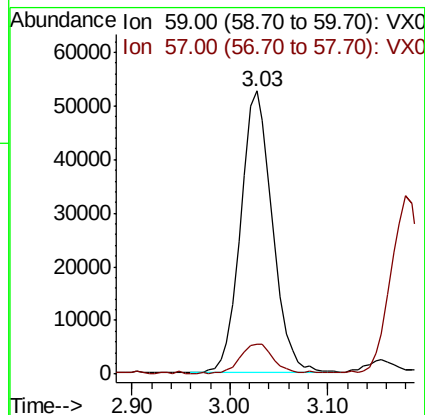
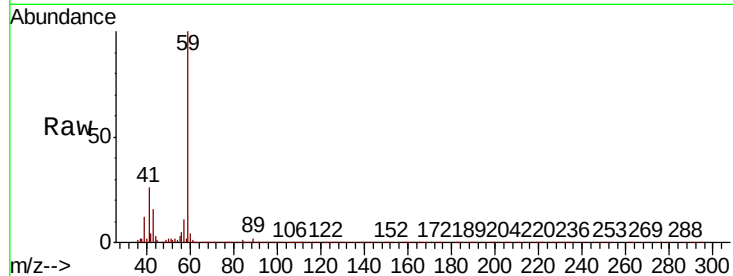


#11

Tert butyl alcohol
Concen: 87.259 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :

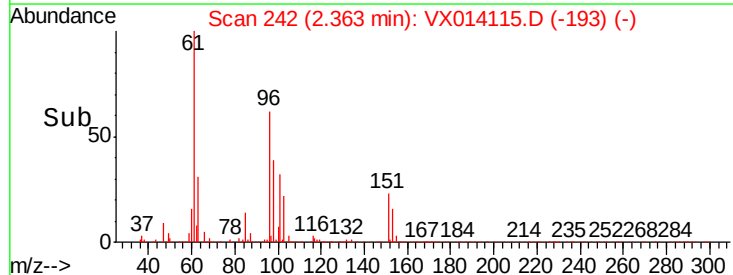
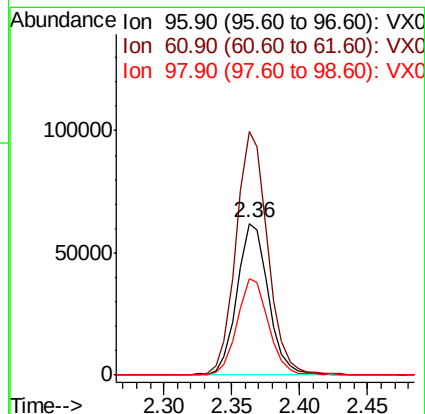
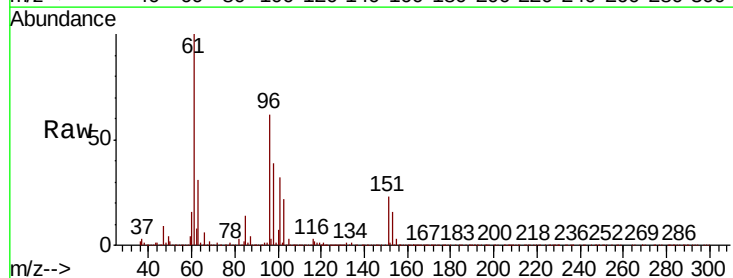
Tot Ion: 59 Resp: 118241
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

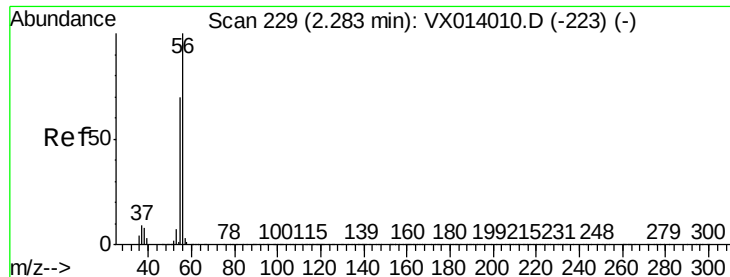


#12

1,1-Dichloroethene
Concen: 18.728 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 96 Resp: 99681
Ion Ratio Lower Upper
96 100
61 159.7 127.9 191.9
98 63.0 50.5 75.7

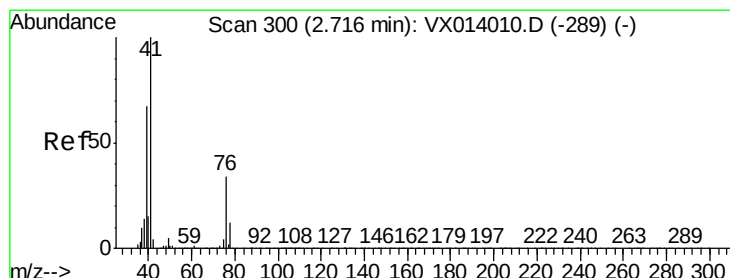
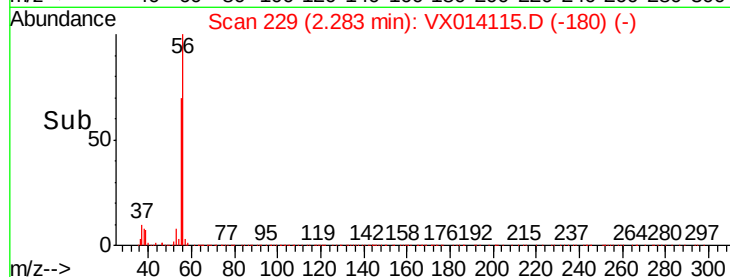
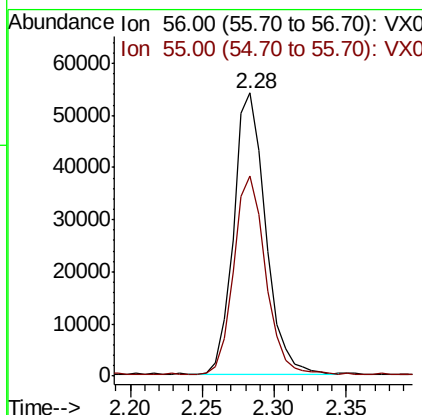
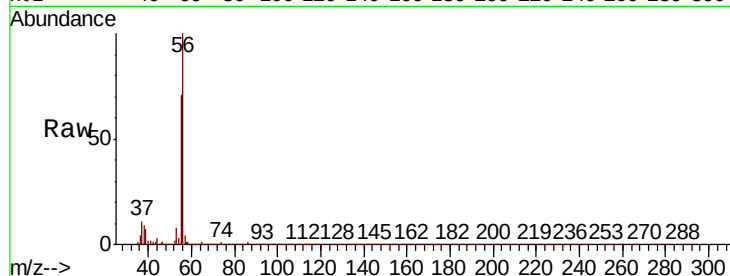




#13
Acrolein
Concen: 108.049 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

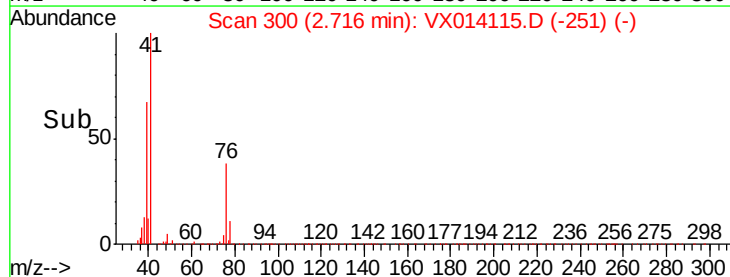
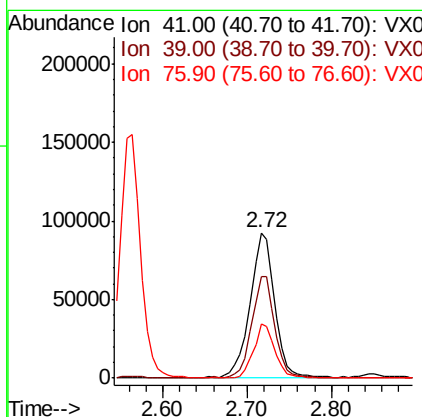
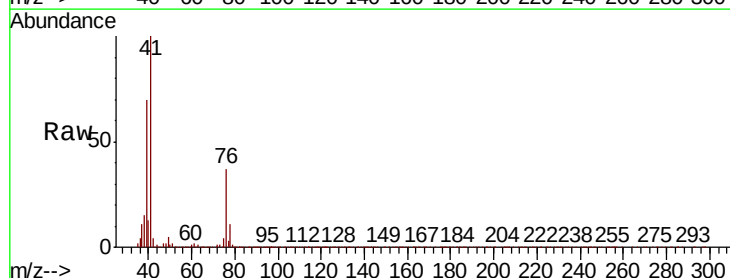
Instrument :
MSVOA_X
ClientSampleId :

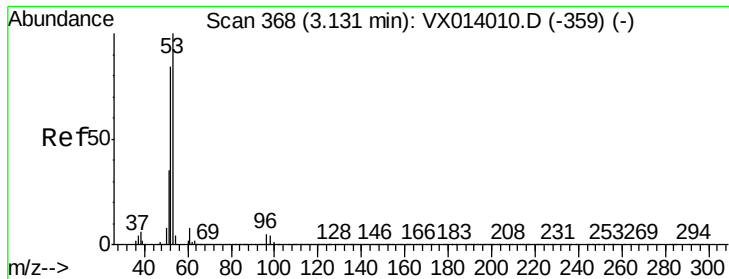
Tot Ion: 56 Resp: 83811
Ion Ratio Lower Upper
56 100
55 70.6 56.9 85.3



#14
Allyl chloride
Concen: 19.106 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 41 Resp: 181575
Ion Ratio Lower Upper
41 100
39 64.5 51.8 77.8
76 31.7 25.9 38.9

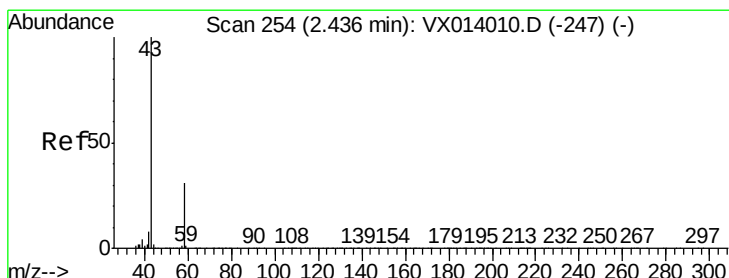
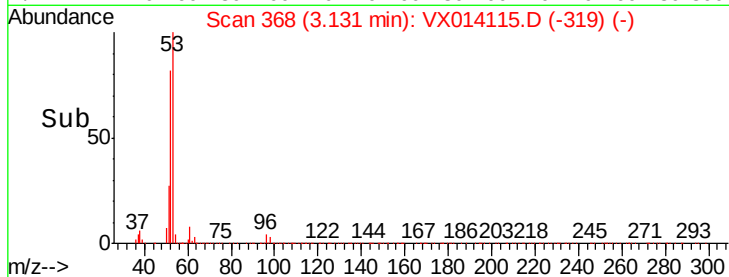
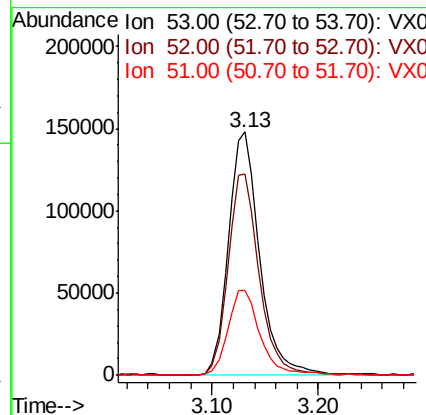
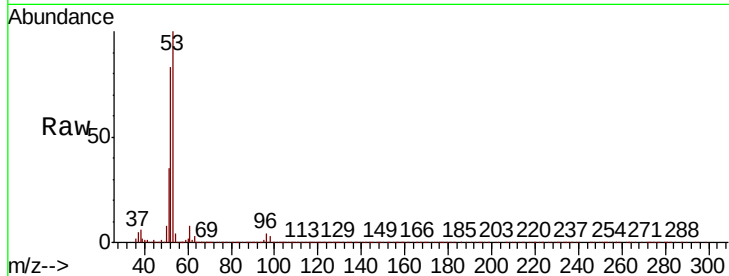




#15
 Acrylonitrile
 Concen: 95.628 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

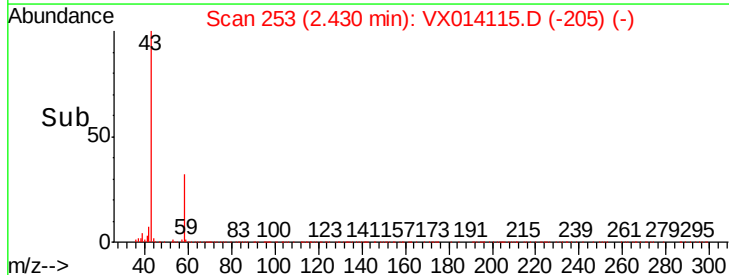
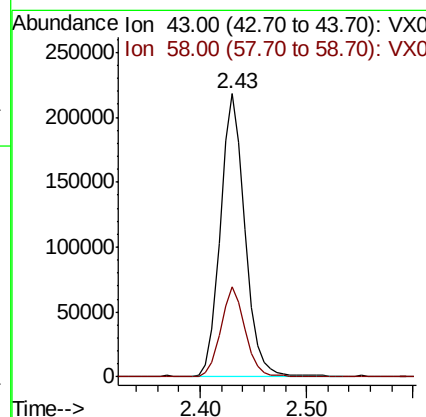
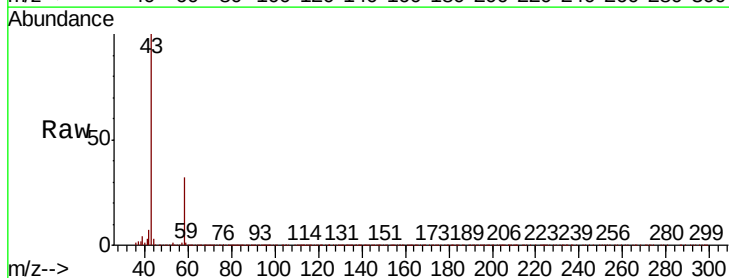
Instrument :
 MSVOA_X
 ClientSampleId :

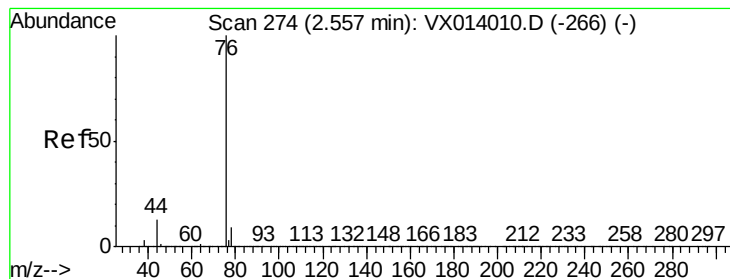
Tot Ion:	53	Resp:	302451
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	36.1	28.1	42.1



#16
 Acetone
 Concen: 84.910 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion:	43	Resp:	345696
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.9	37.3





#17

Carbon Disulfide

Concen: 18.132 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

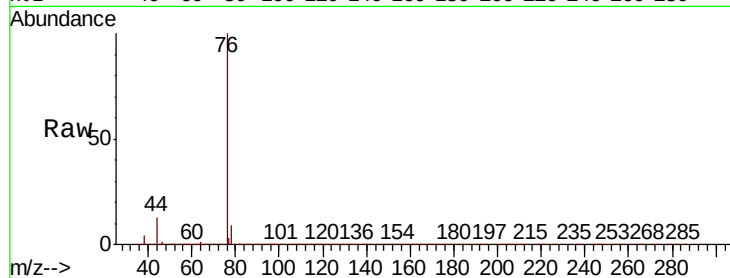
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 260758

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

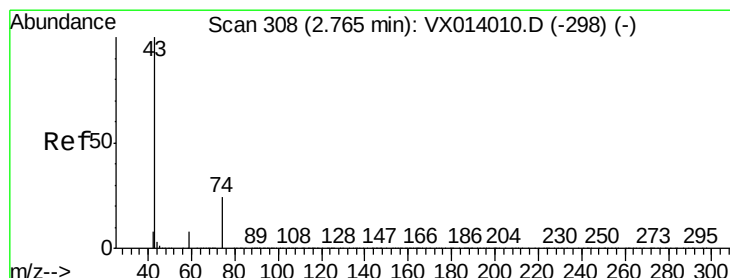
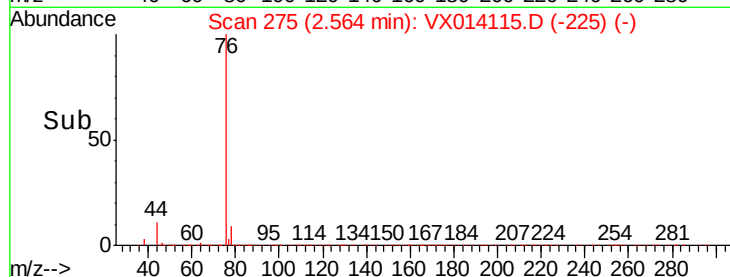
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 19.368 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014115.D

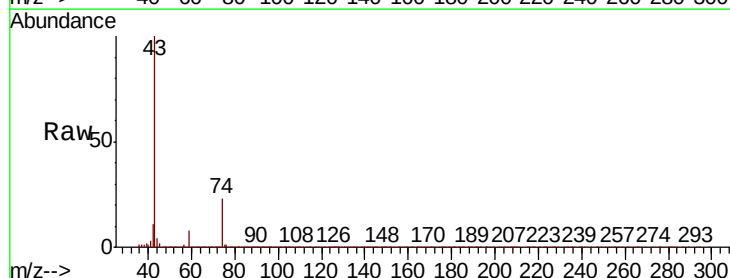
Acq: 19 Dec 2019 12:35

Tgt Ion: 43 Resp: 156249

Ion Ratio Lower Upper

43 100

74 22.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

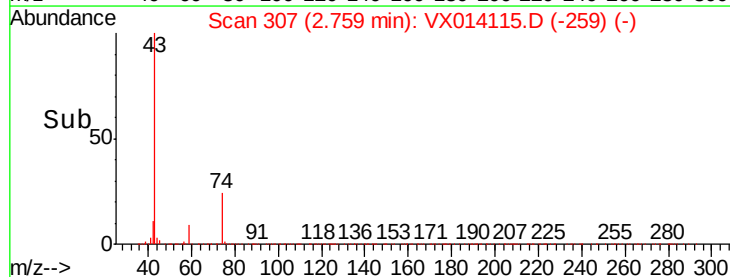
40000

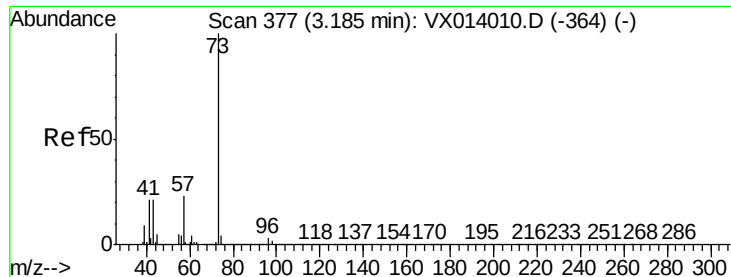
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->

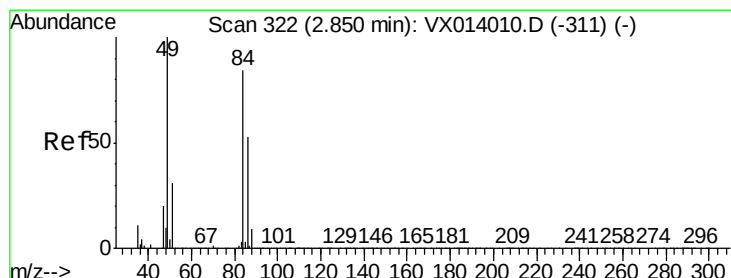
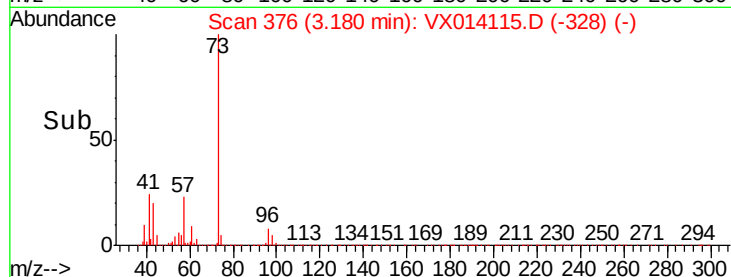
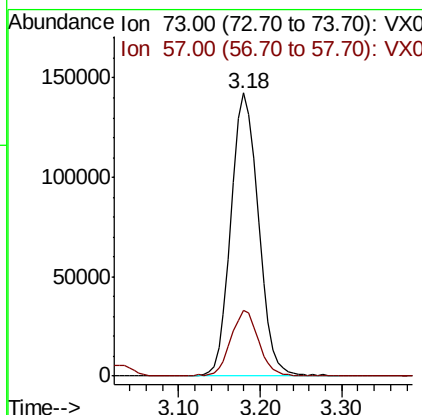
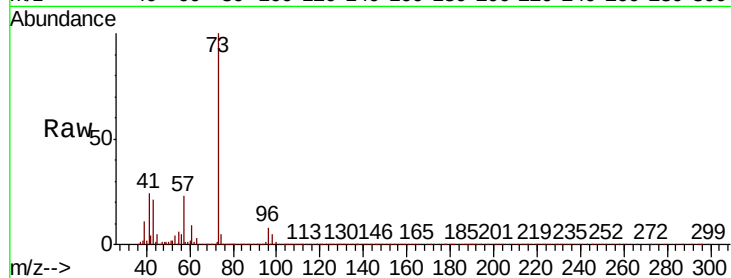




#19
Methyl tert-butyl Ether
Concen: 18.850 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

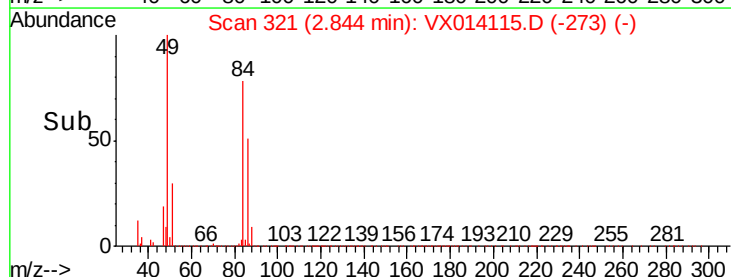
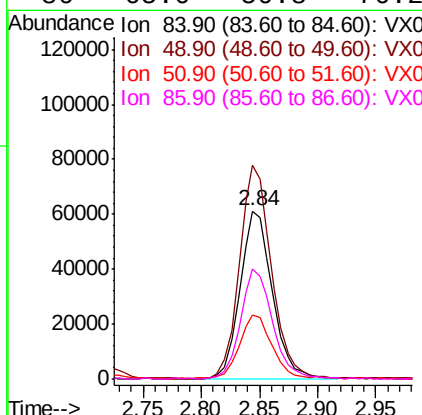
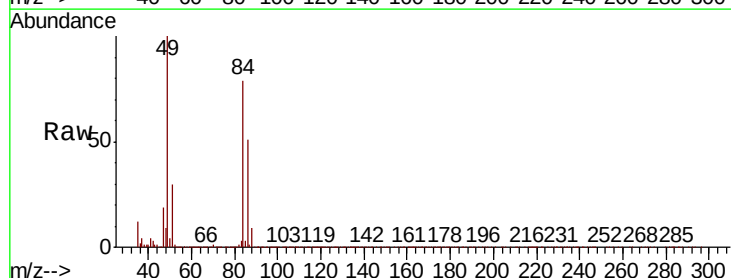
Instrument :
MSVOA_X
ClientSampleId :

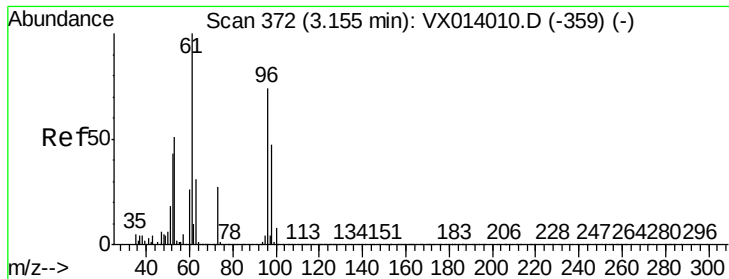
Tot Ion: 73 Resp: 329699
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2



#20
Methylene Chloride
Concen: 18.281 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 84 Resp: 117204
Ion Ratio Lower Upper
84 100
49 127.2 95.8 143.6
51 38.0 29.8 44.8
86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 18.392 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :

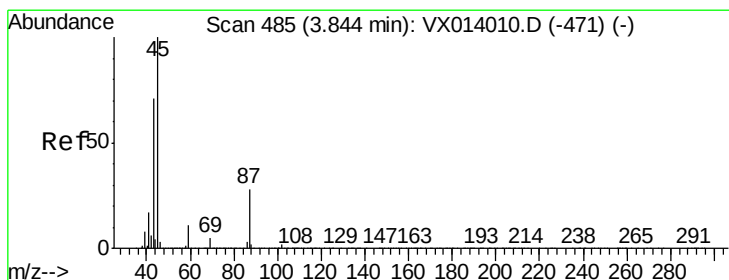
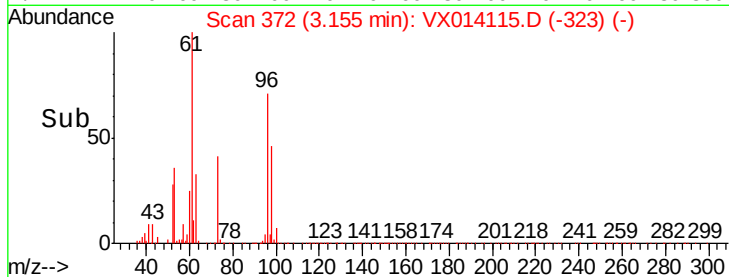
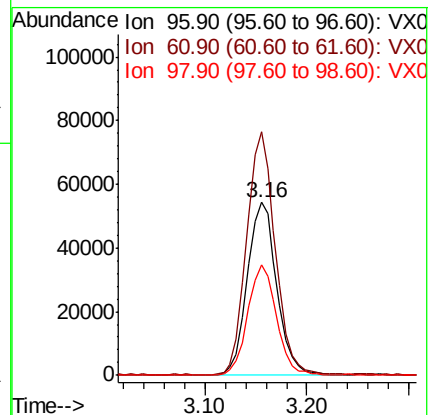
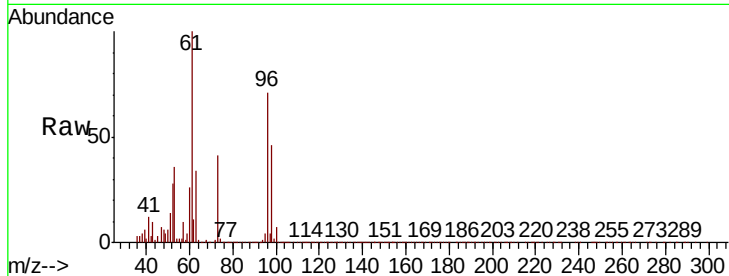
Tot Ion: 96 Resp: 107848

Ion Ratio Lower Upper

96 100

61 141.0 108.3 162.5

98 64.2 50.8 76.2



#22

Diisopropyl ether

Concen: 19.554 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Tgt Ion: 45 Resp: 370317

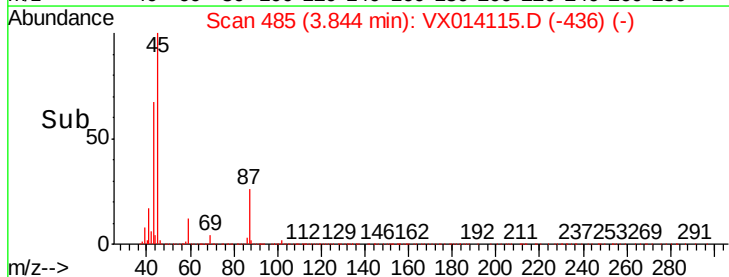
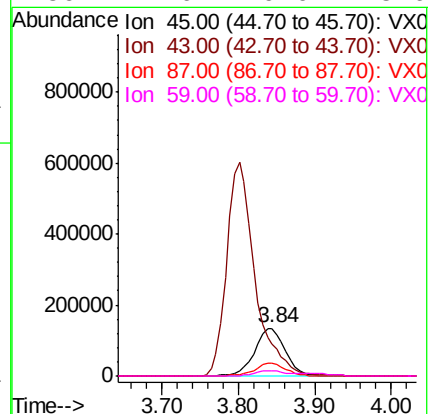
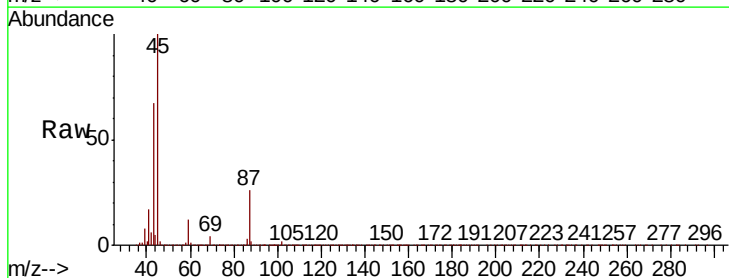
Ion Ratio Lower Upper

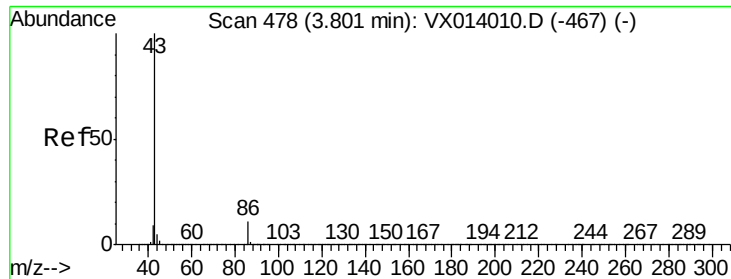
45 100

43 67.0 57.4 86.0

87 26.0 21.9 32.9

59 11.6 9.0 13.6

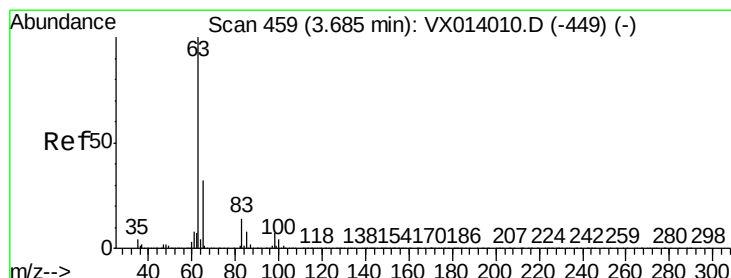
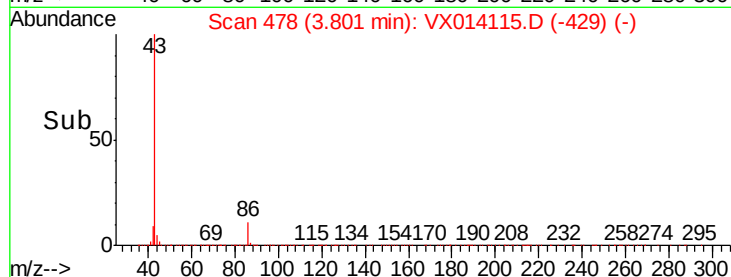
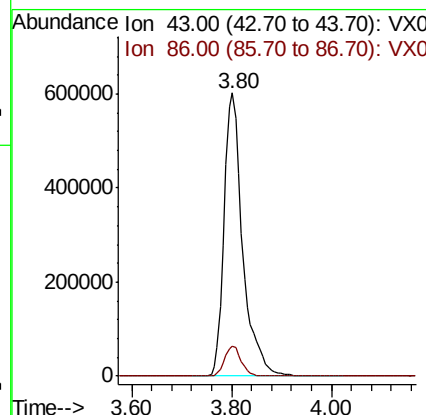
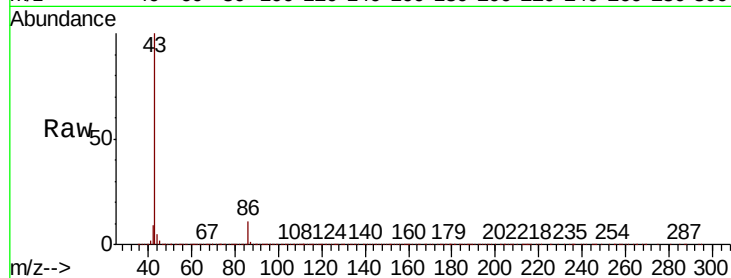




#23
 Vinyl Acetate
 Concen: 100.313 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

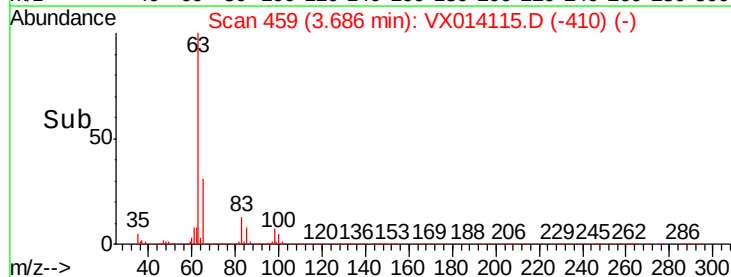
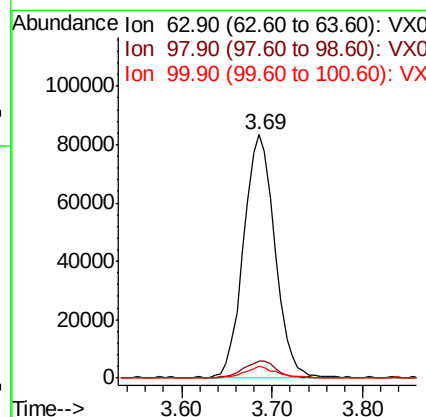
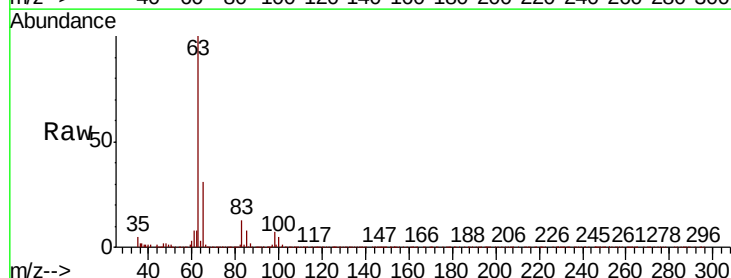
Instrument :
 MSVOA_X
 ClientSampleId :

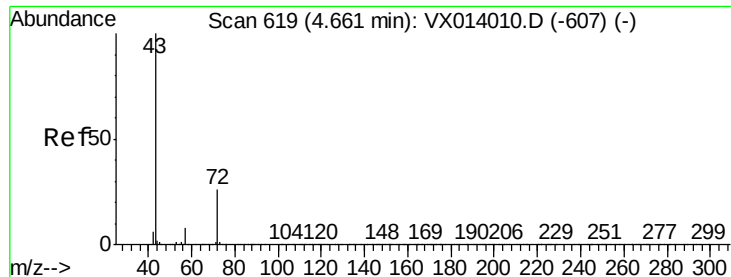
Tot Ion: 43 Resp: 1550281
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.899 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion: 63 Resp: 199120
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 91.750 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

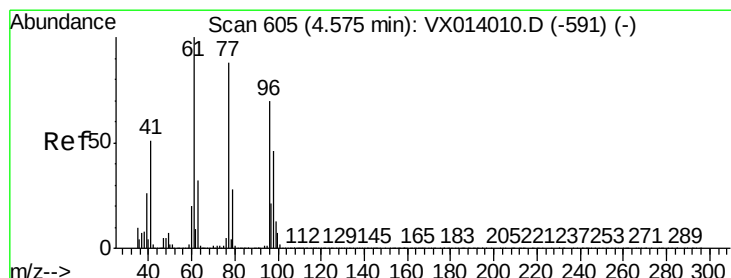
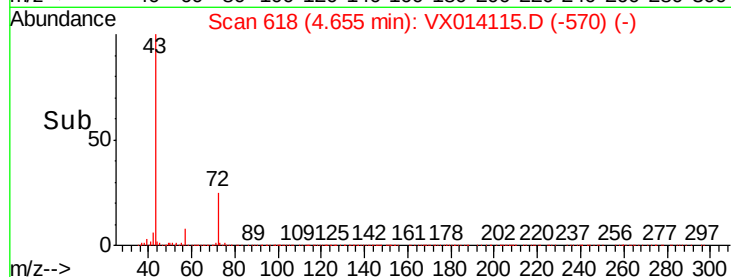
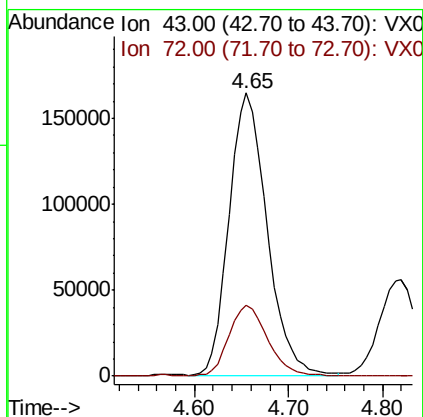
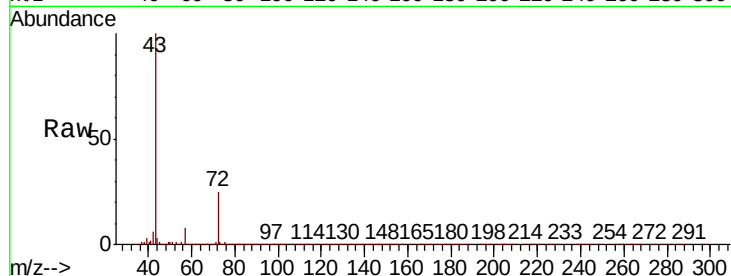
ClientSampleId :

Tot Ion: 43 Resp: 460534

Ion Ratio Lower Upper

43 100

72 25.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.898 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014115.D

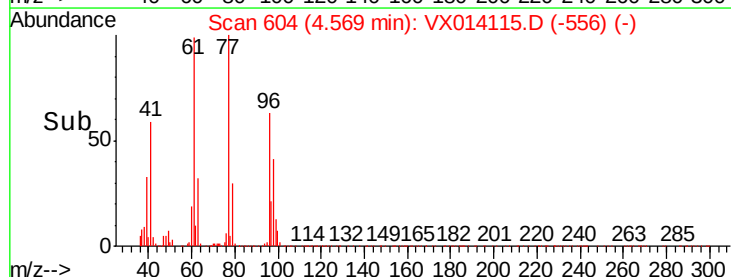
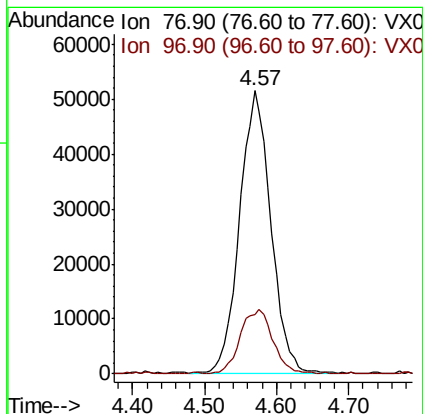
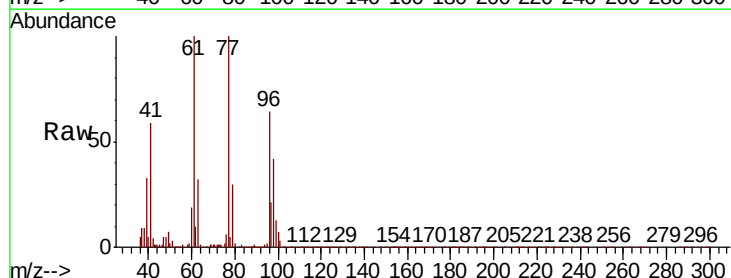
Acq: 19 Dec 2019 12:35

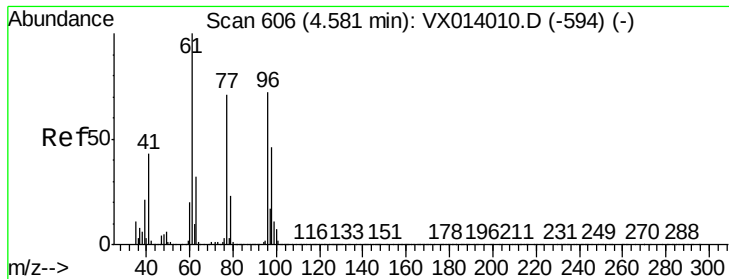
Tgt Ion: 77 Resp: 154597

Ion Ratio Lower Upper

77 100

97 24.1 11.9 35.9



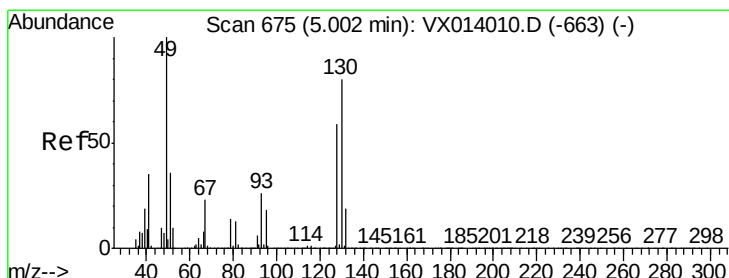
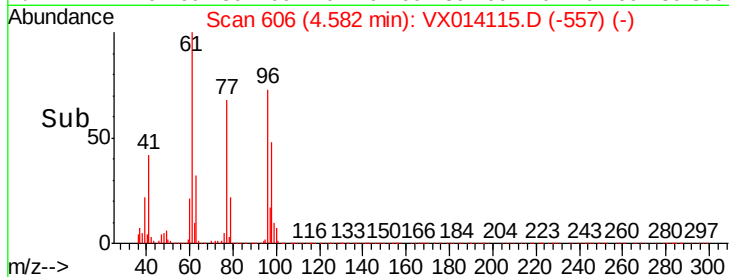
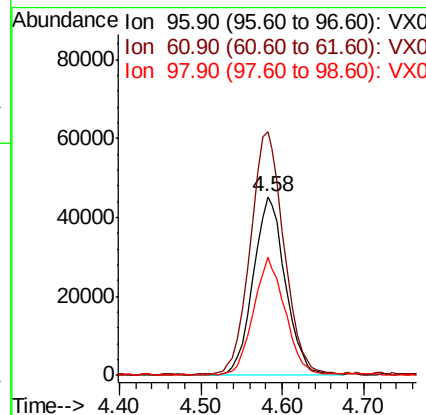
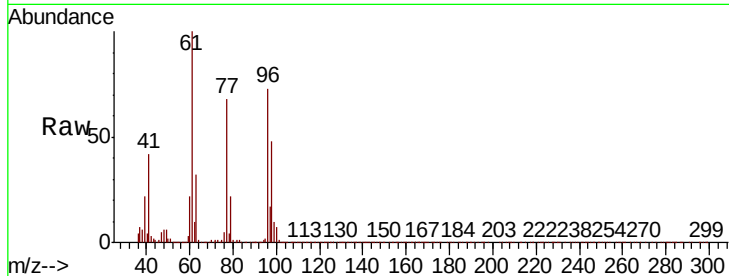


#27

cis-1,2-Dichloroethene
 Concen: 18.785 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :

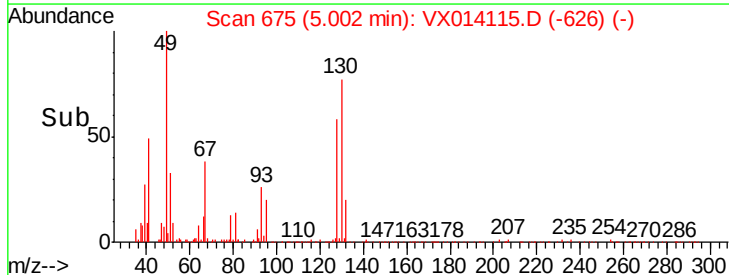
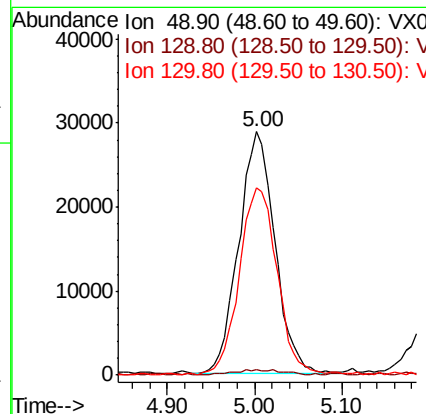
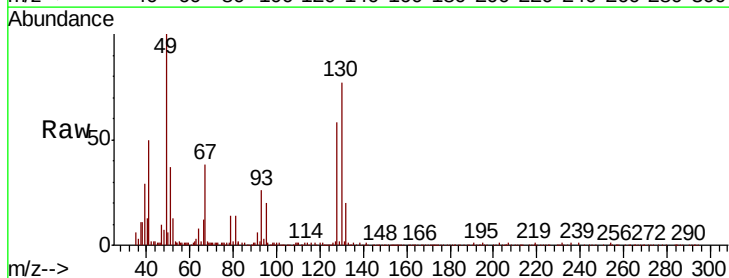
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	288.4
98	64.9	0.0	129.6

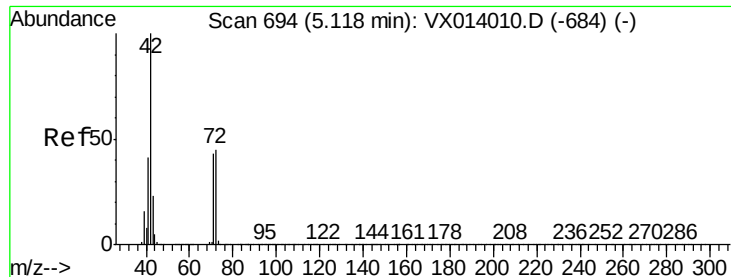


#28

Bromochloromethane
 Concen: 20.728 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	79.9	64.6	97.0

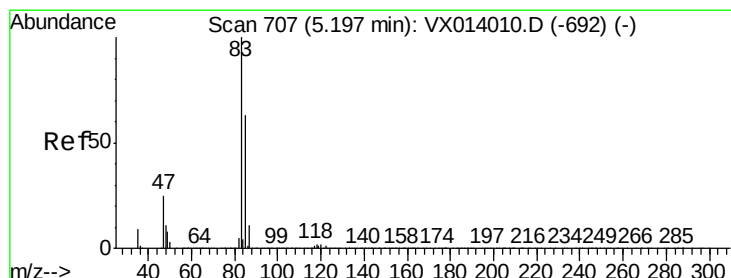
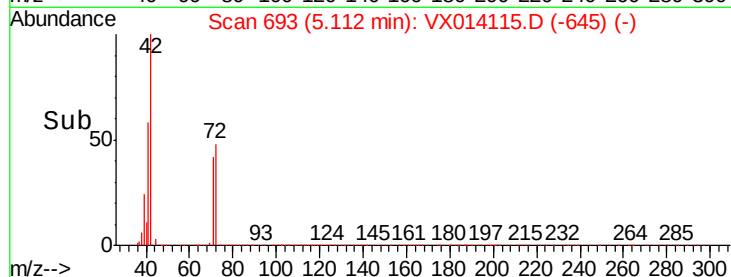
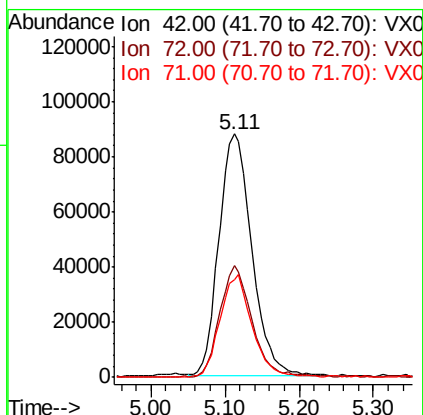
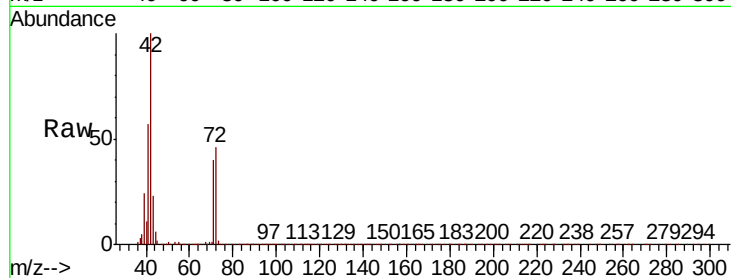




#29
Tetrahydrofuran
Concen: 96.221 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

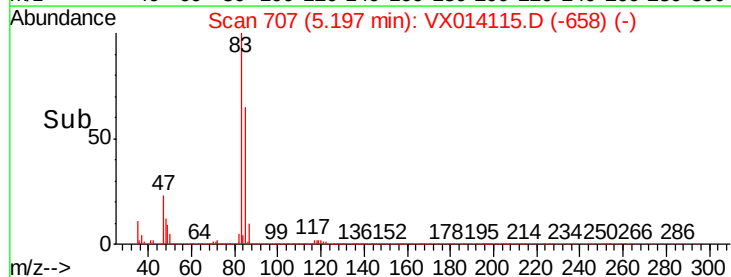
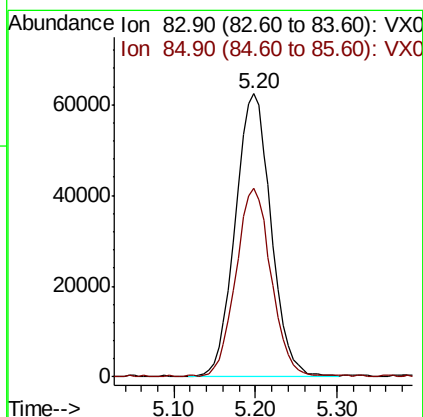
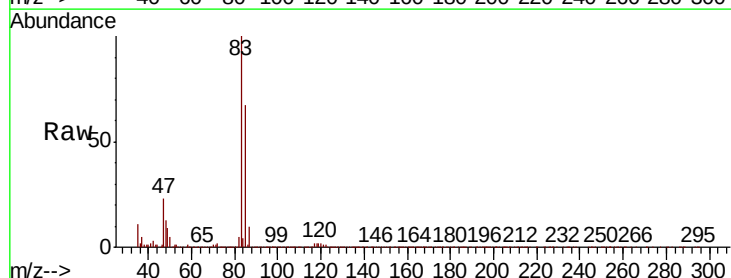
Instrument :
MSVOA_X
ClientSampled :

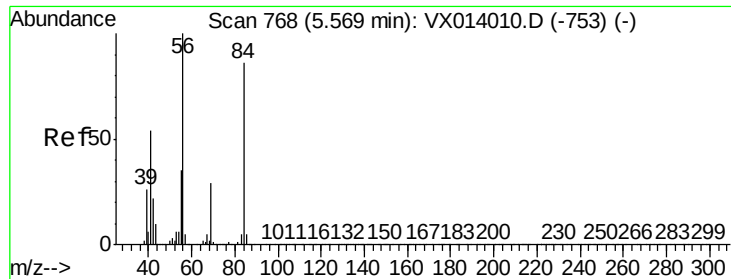
Tot Ion: 42 Resp: 270141
Ion Ratio Lower Upper
42 100
72 45.0 35.8 53.8
71 40.5 33.6 50.4



#30
Chloroform
Concen: 18.896 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 83 Resp: 188737
Ion Ratio Lower Upper
83 100
85 66.2 50.8 76.2

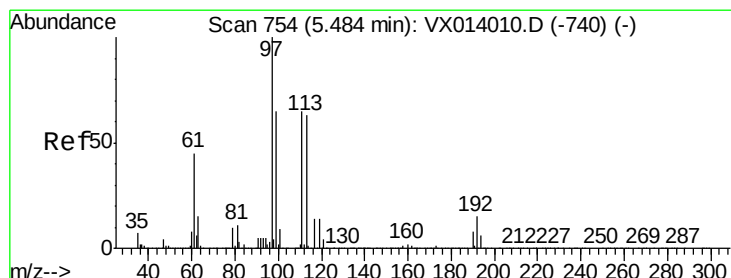
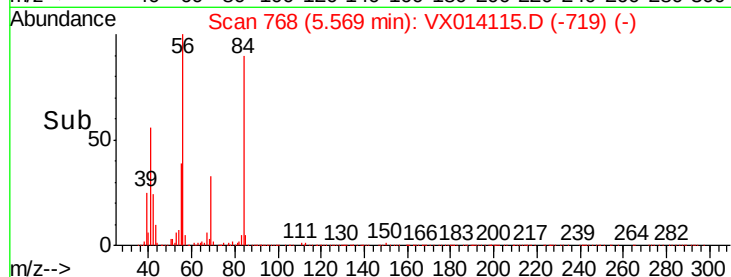
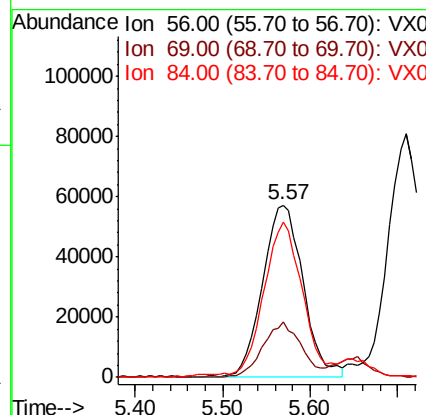
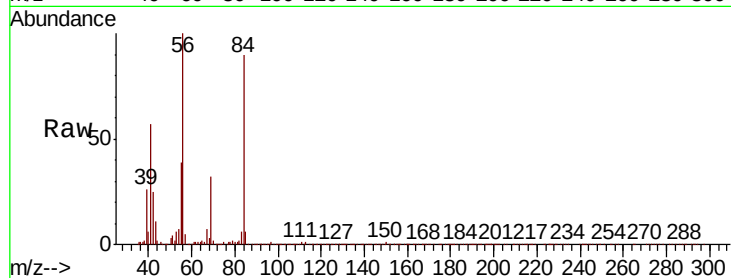




#31
Cyclohexane
Concen: 19.467 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

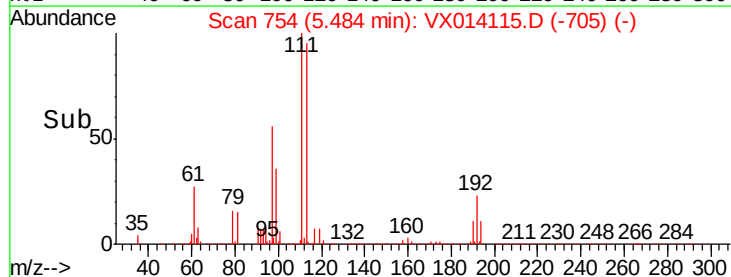
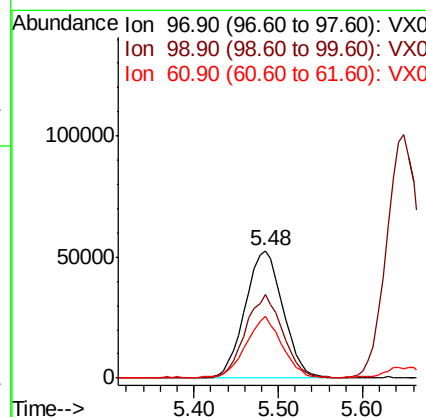
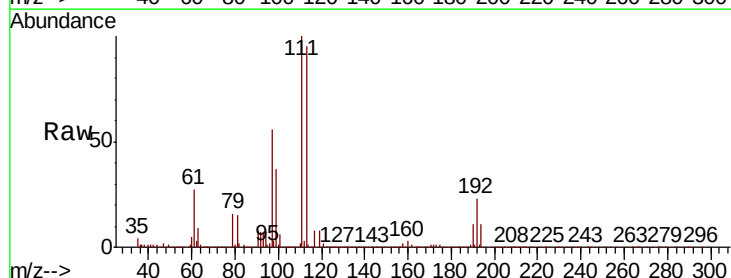
Instrument :
MSVOA_X
ClientSampleId :

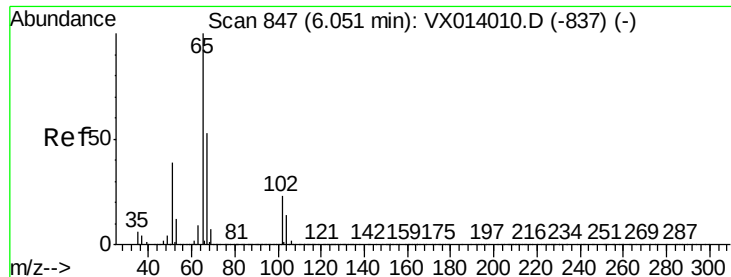
Tot Ion: 56 Resp: 182429
Ion Ratio Lower Upper
56 100
69 31.6 23.2 34.8
84 89.6 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.694 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 97 Resp: 159135
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 46.0 36.7 55.1

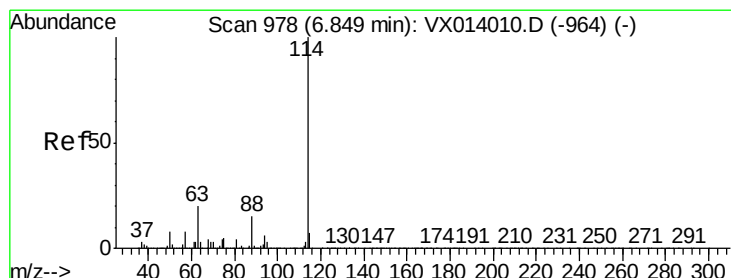
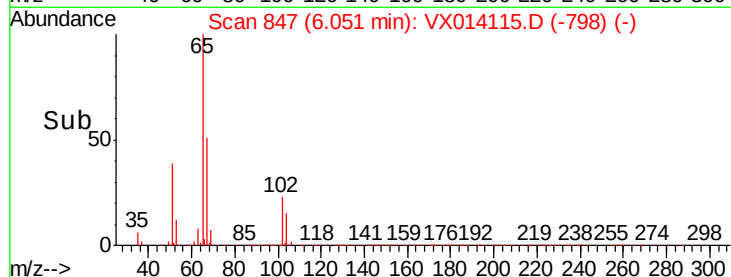
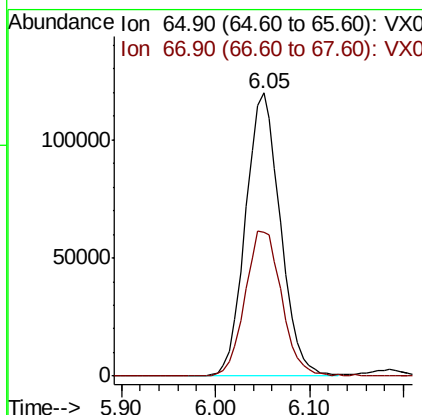
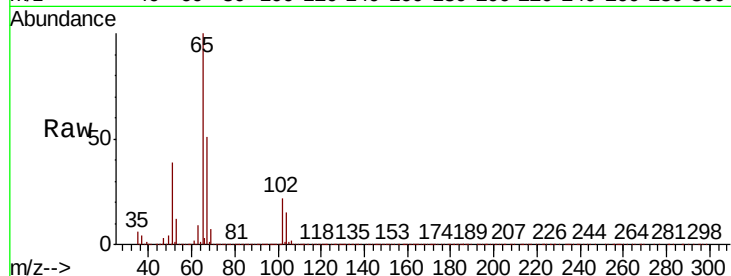




#33
 1,2-Dichloroethane-d4
 Concen: 49.541 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

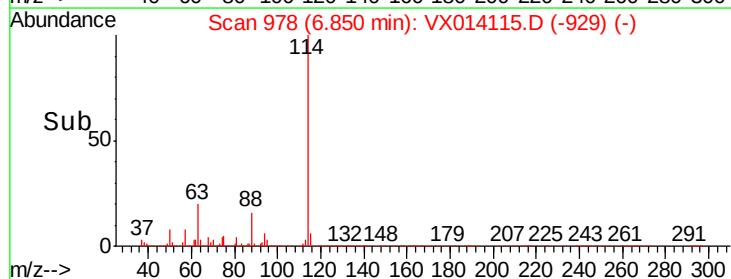
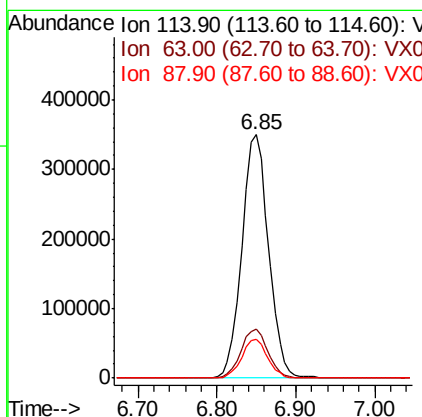
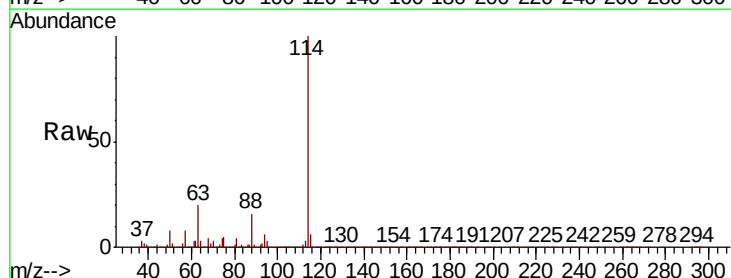
Instrument :
 MSVOA_X
 ClientSampled :

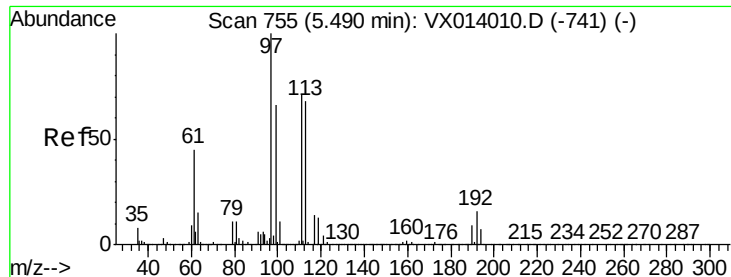
Tot Ion: 65 Resp: 310677
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion: 114 Resp: 823447
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.8
 88 15.7 0.0 30.4

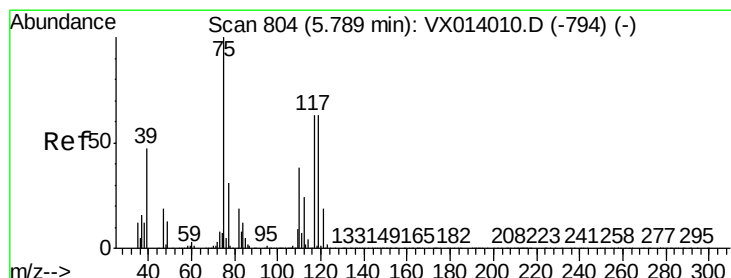
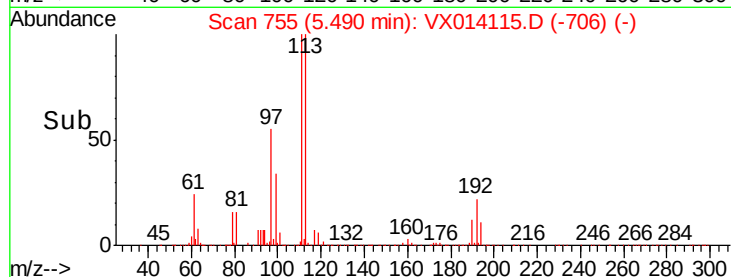
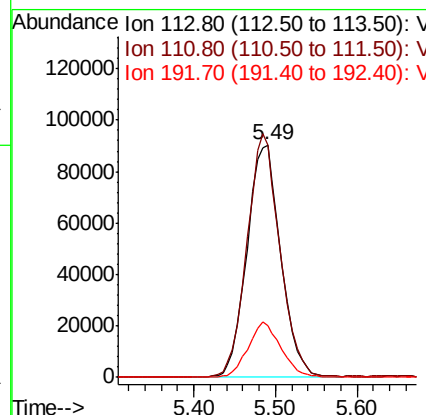
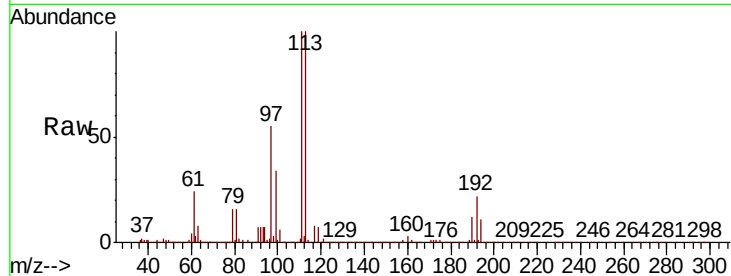




#35
 Dibromofluoromethane
 Concen: 51.948 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

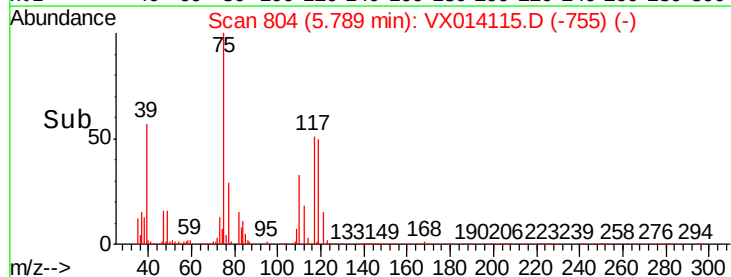
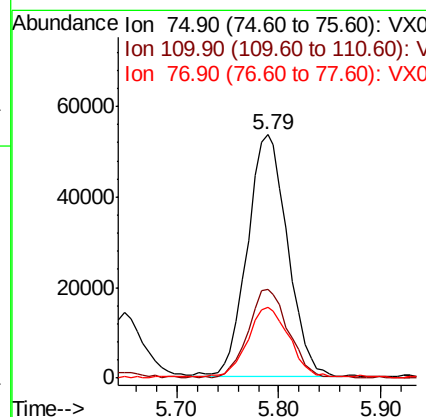
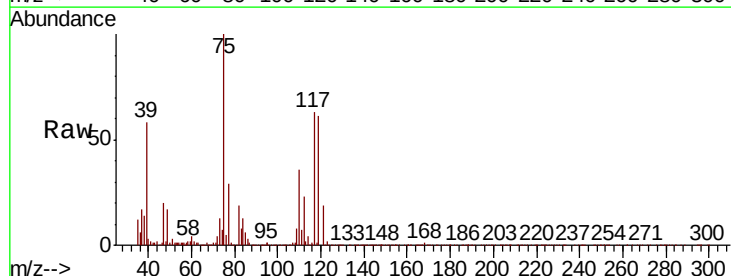
Instrument :
 MSVOA_X
 ClientSampleId :

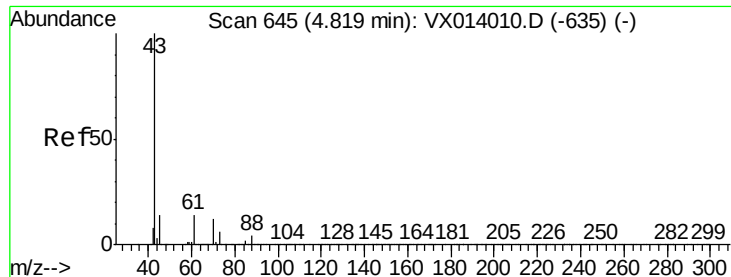
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	23.3	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 19.367 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	29.5	24.8	37.2

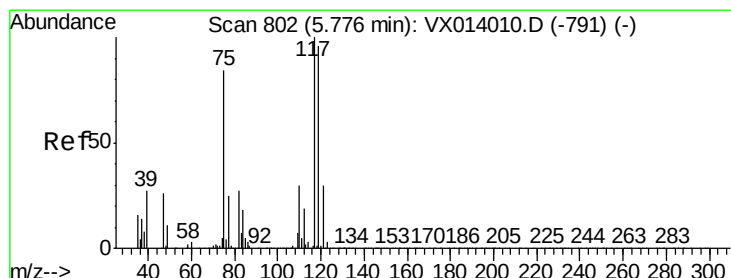
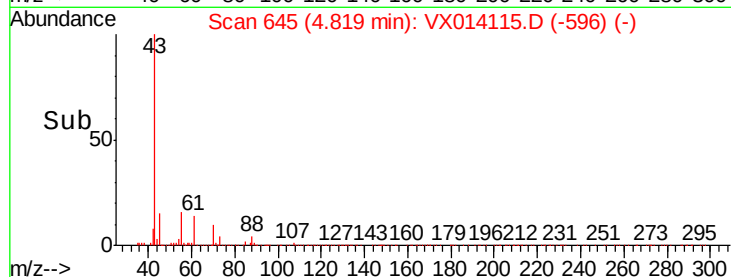
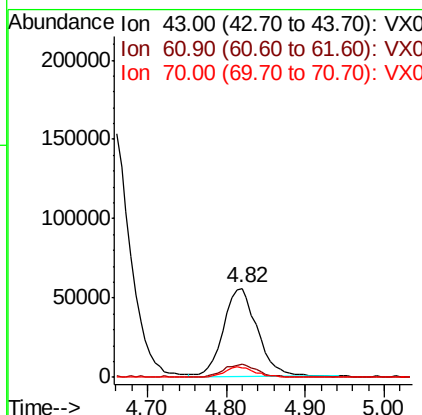
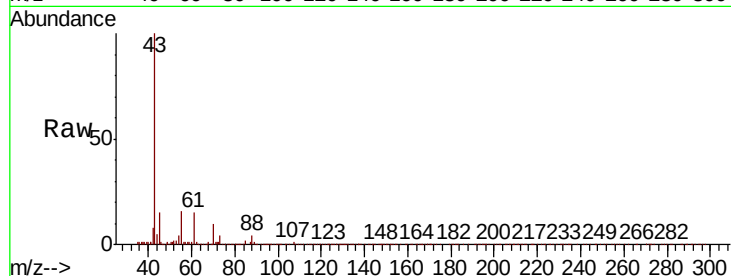




#37
Ethyl Acetate
Concen: 19.914 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

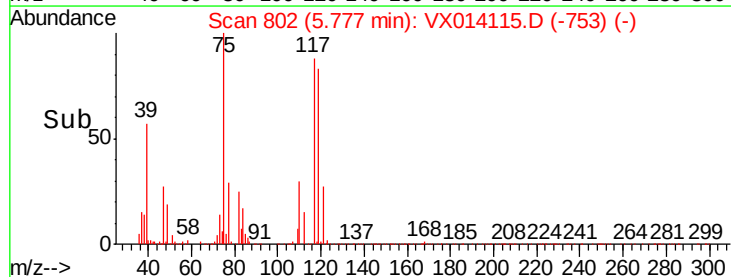
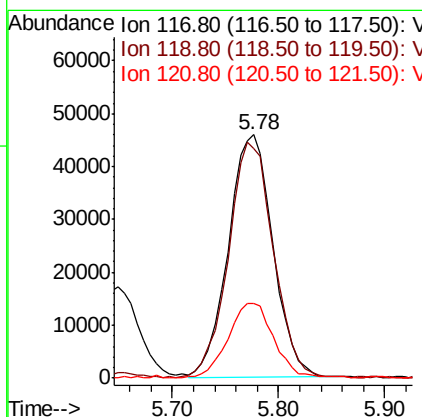
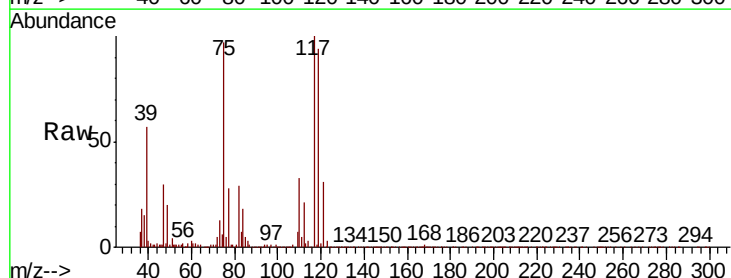
Instrument :
MSVOA_X
ClientSampled :

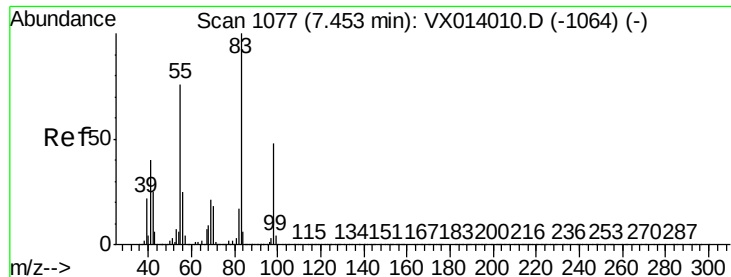
Tot Ion	43	Resp	166154
Ion Ratio	Lower	Upper	
43	100		
61	13.6	10.8	16.2
70	11.6	8.6	12.8



#38
Carbon Tetrachloride
Concen: 19.484 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion	117	Resp	134110
Ion Ratio	Lower	Upper	
117	100		
119	94.1	76.2	114.4
121	30.4	23.6	35.4

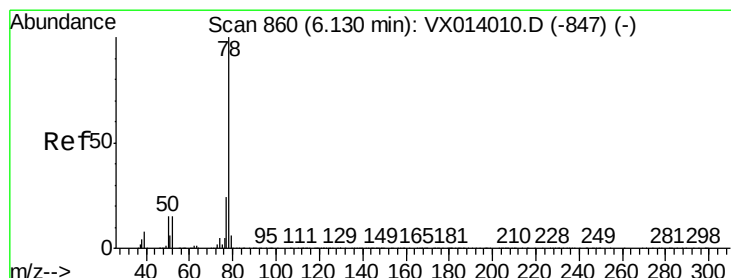
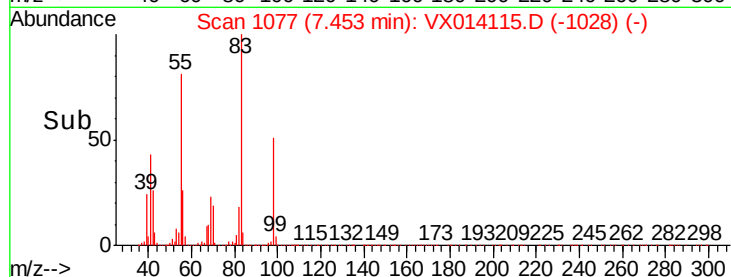
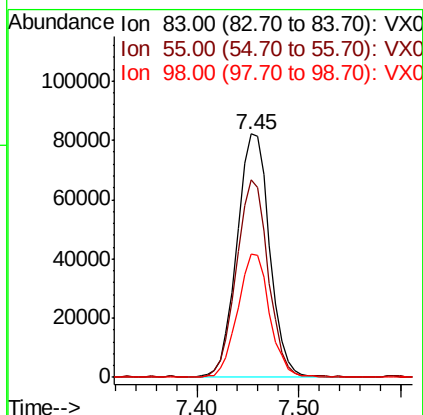
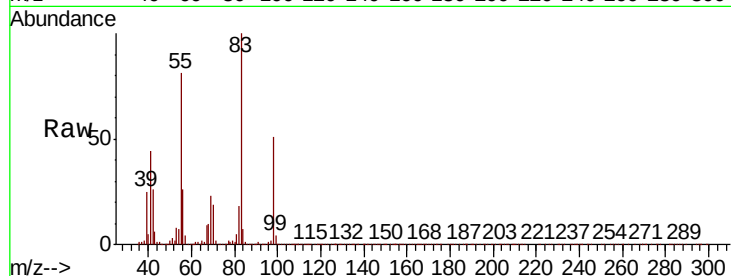




#39
Methylvlcyclohexane
Concen: 19.518 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

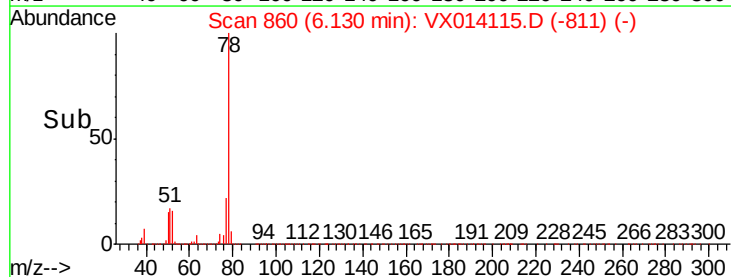
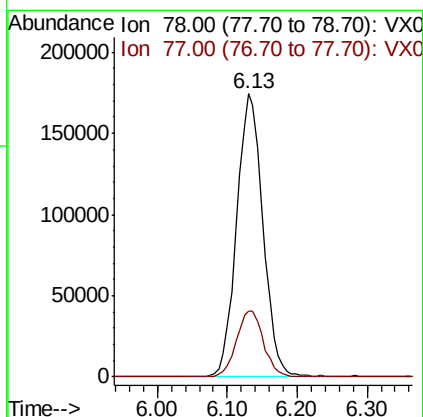
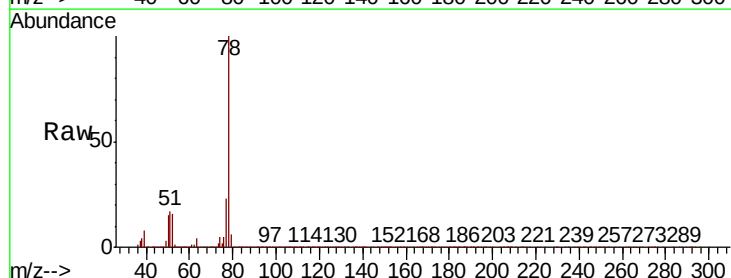
Instrument :
MSVOA_X
ClientSampled :

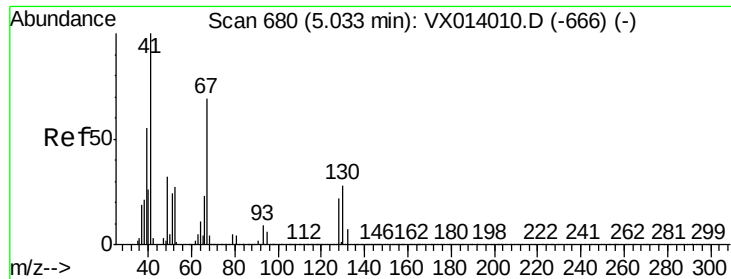
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.1	61.0	91.6
98	50.7	38.6	57.8



#40
Benzene
Concen: 19.594 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2

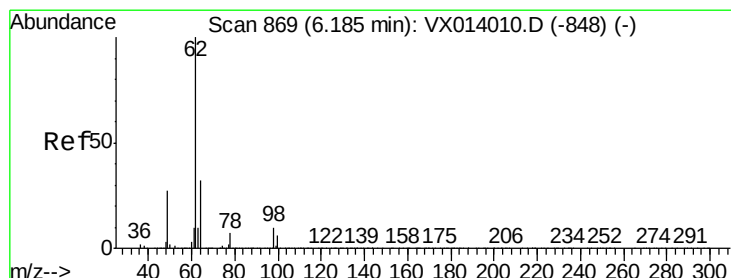
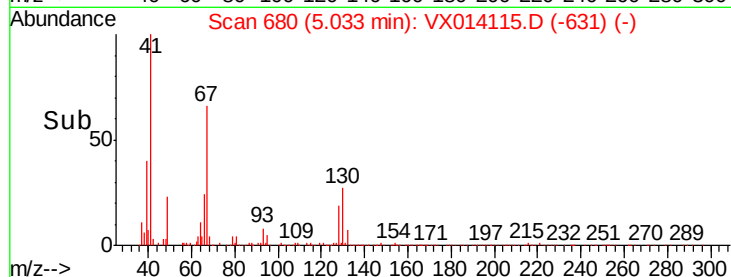
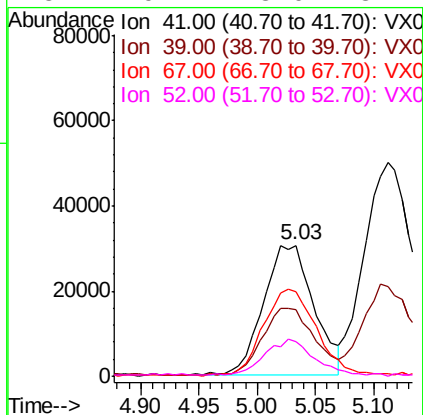
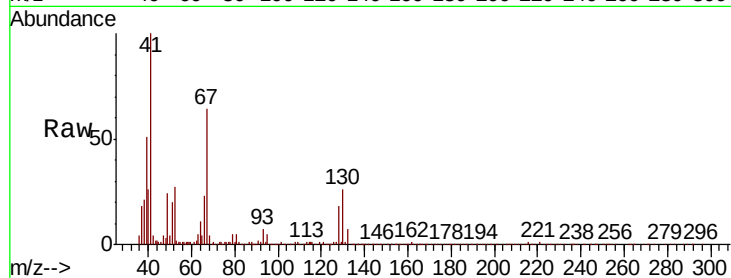




#41
Methacrylonitrile
Concen: 19.866 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

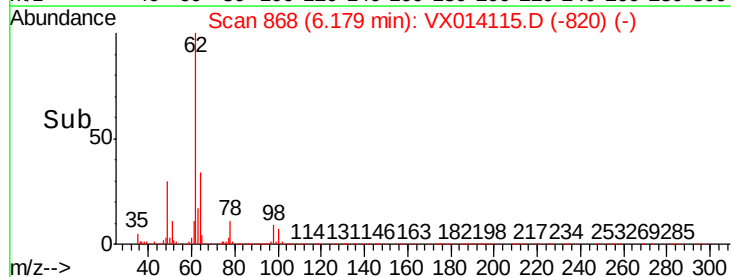
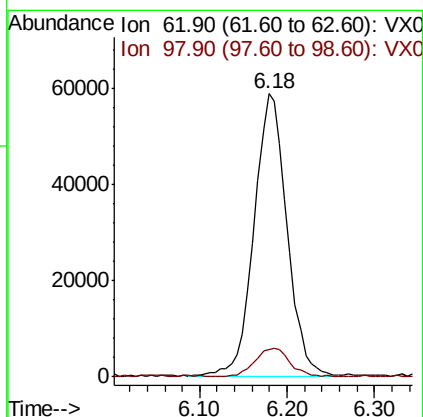
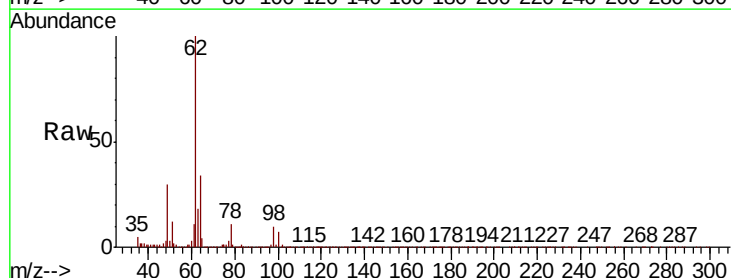
Instrument :
MSVOA_X
ClientSampled :

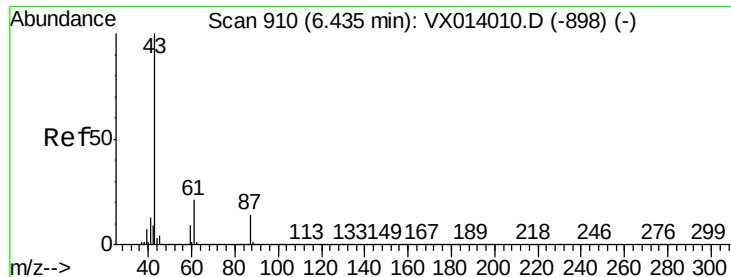
Tot Ion:	41	Resp:	91969
Ion	Ratio	Lower	Upper
41	100		
39	52.9	44.5	66.7
67	69.5	57.4	86.0
52	29.2	23.0	34.4



#42
1,2-Dichloroethane
Concen: 19.484 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion:	62	Resp:	153541
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0





#43

Isopropyl Acetate

Concen: 19.326 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampled :

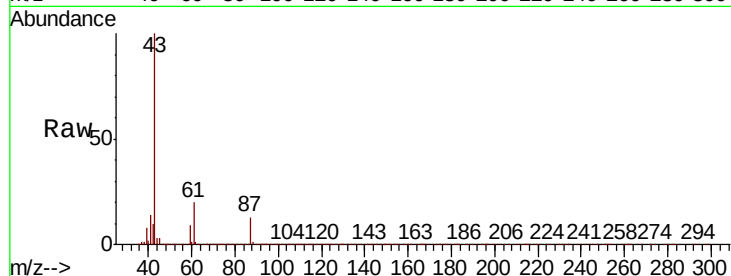
Tot Ion: 43 Resp: 266848

Ion Ratio Lower Upper

43 100

61 19.8 16.4 24.6

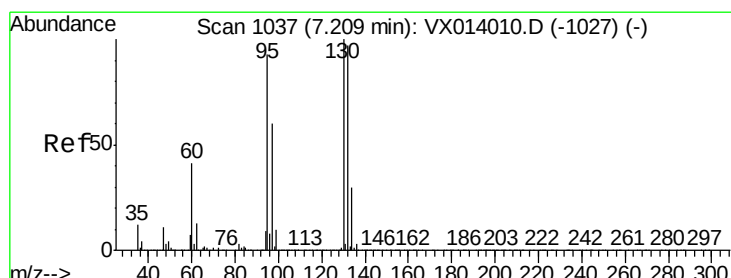
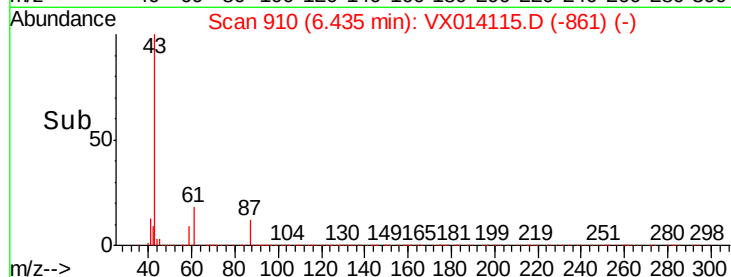
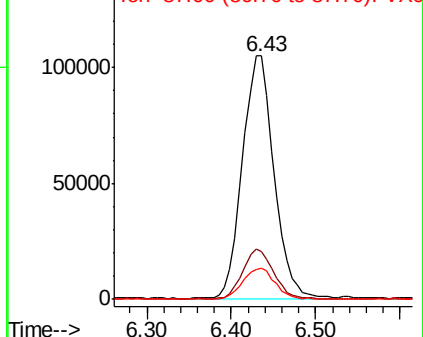
87 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.920 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014115.D

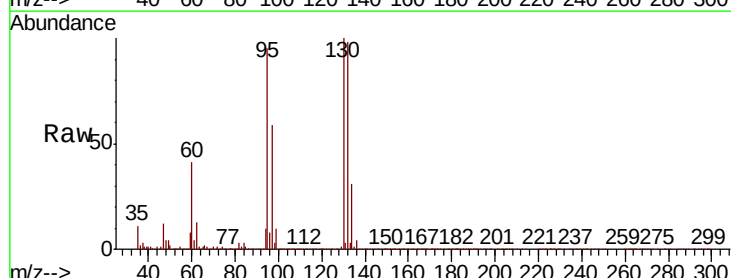
Acq: 19 Dec 2019 12:35

Tgt Ion:130 Resp: 121489

Ion Ratio Lower Upper

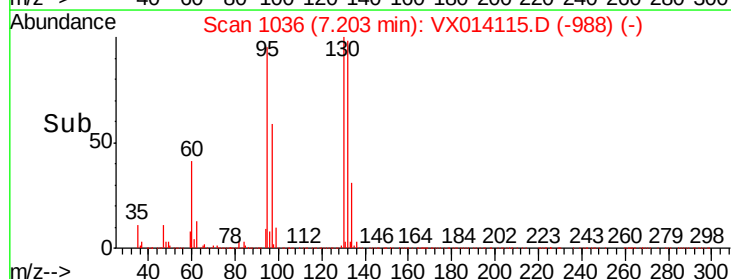
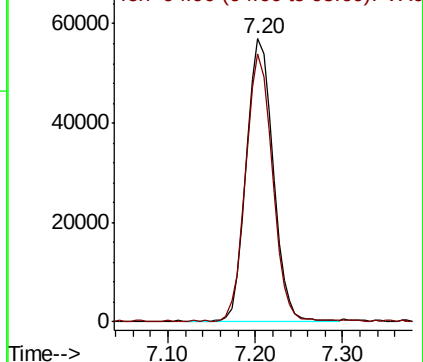
130 100

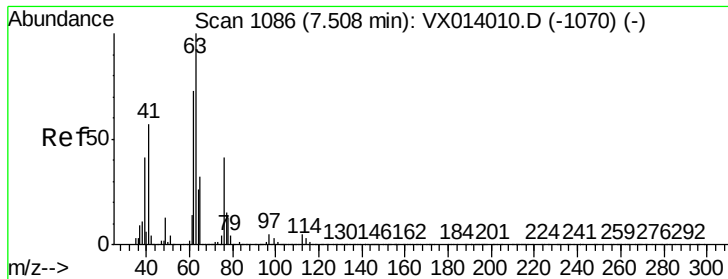
95 94.7 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

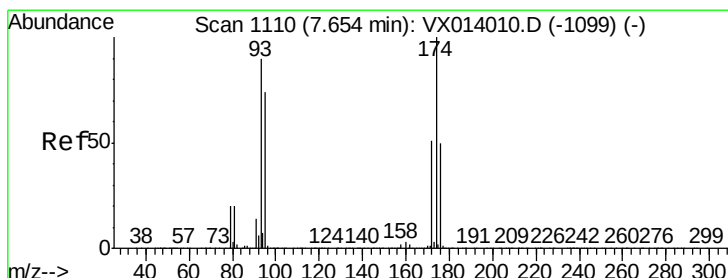
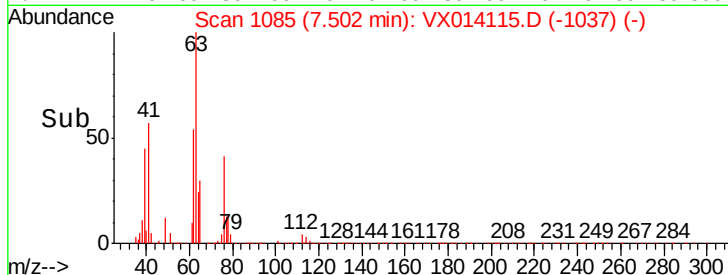
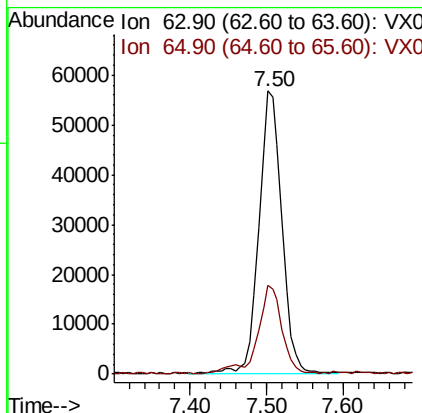
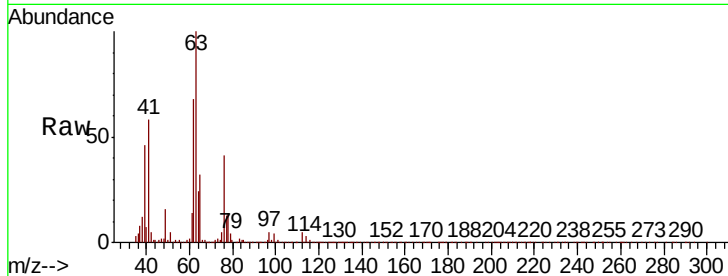




#45
 1,2-Dichloropropane
 Concen: 19.912 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

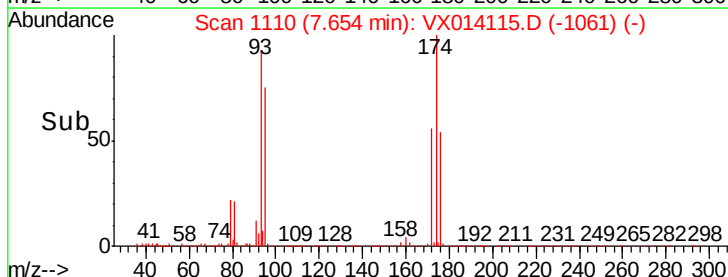
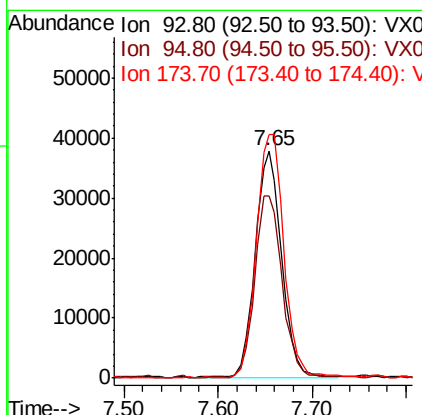
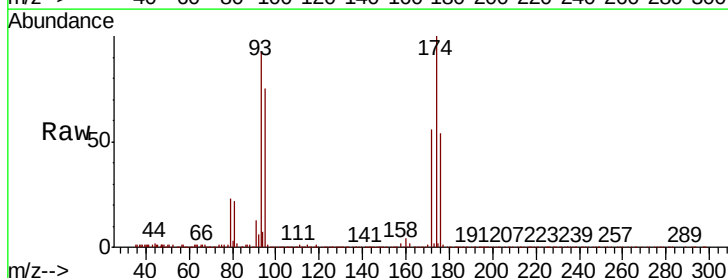
Instrument :
 MSVOA_X
 ClientSampleId :

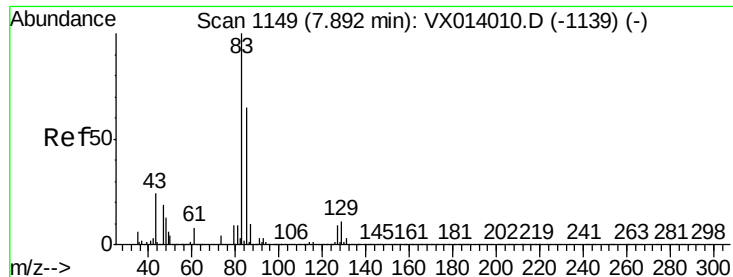
Tot Ion: 63 Resp: 118649
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.8 38.8



#46
 Dibromomethane
 Concen: 19.158 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion: 93 Resp: 75474
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.3 100.9
 174 110.8 91.6 137.4





#47

Bromodichloromethane

Concen: 19.332 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :
MSVOA_X
ClientSampled :

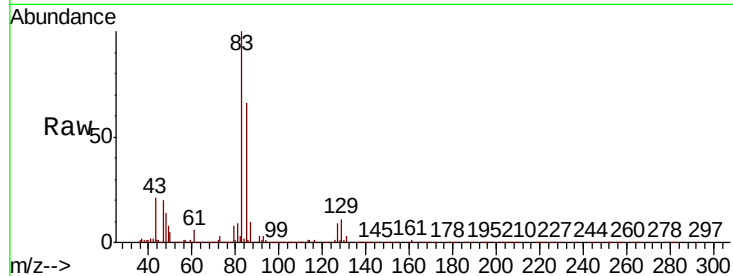
Tot Ion: 83 Resp: 143432

Ion Ratio Lower Upper

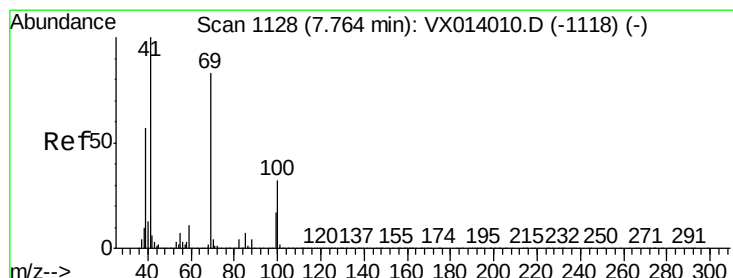
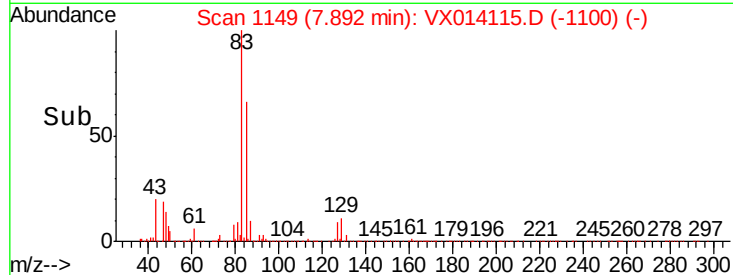
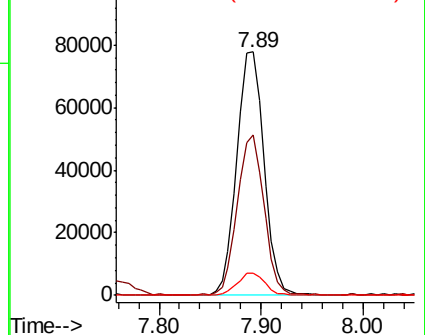
83 100

85 65.5 51.8 77.8

127 9.2 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.066 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

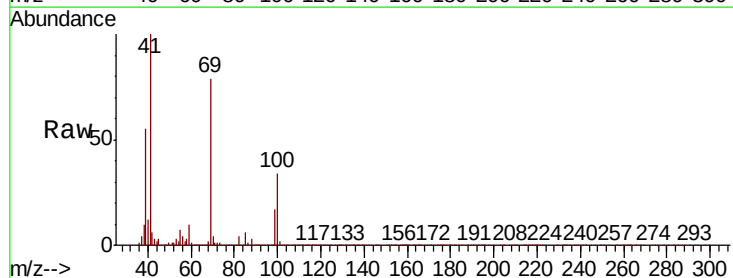
Tgt Ion: 41 Resp: 128911

Ion Ratio Lower Upper

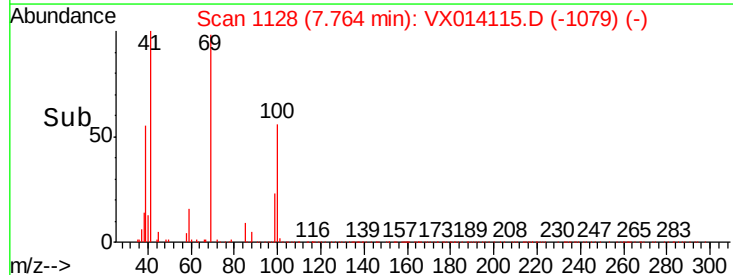
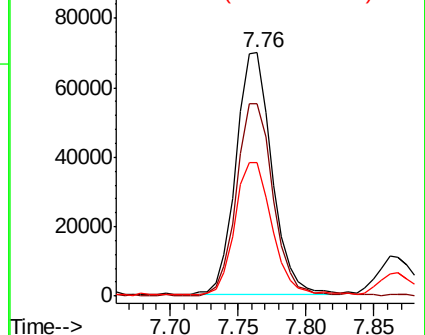
41 100

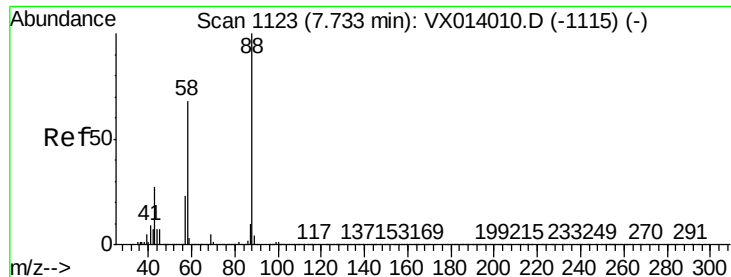
69 81.7 65.8 98.6

39 56.6 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 397.770 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

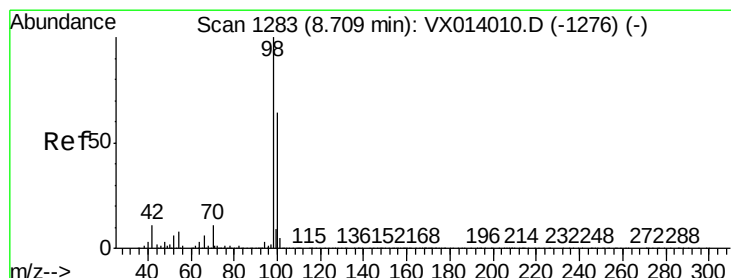
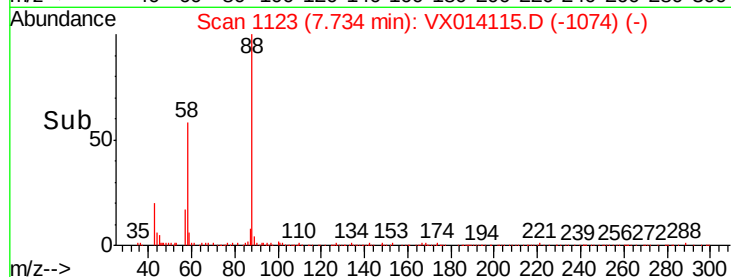
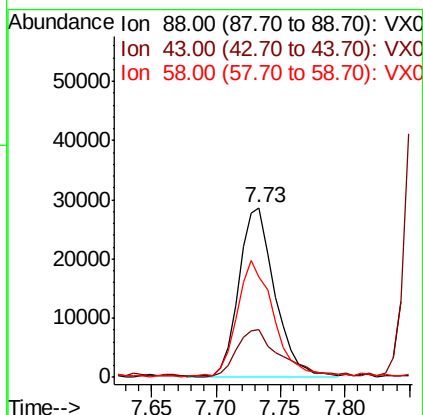
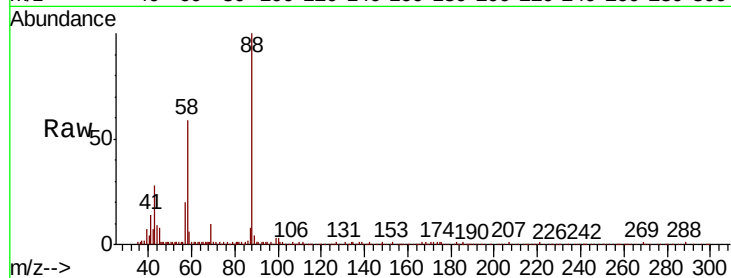
Tot Ion: 88 Resp: 54732

Ion Ratio Lower Upper

88 100

43 36.2 26.5 39.7

58 71.1 56.8 85.2



#50

Toluene-d8

Concen: 51.634 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014115.D

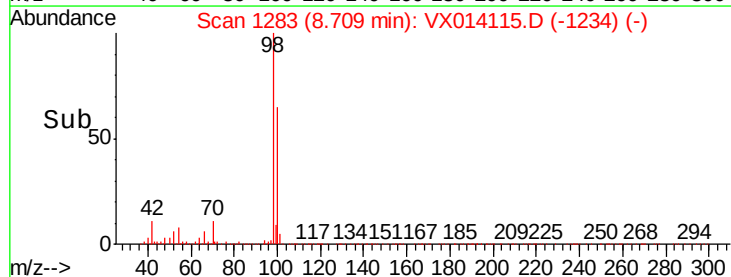
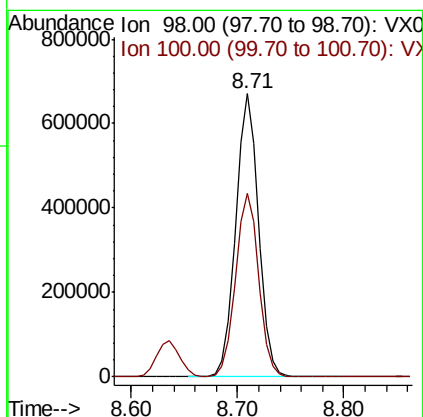
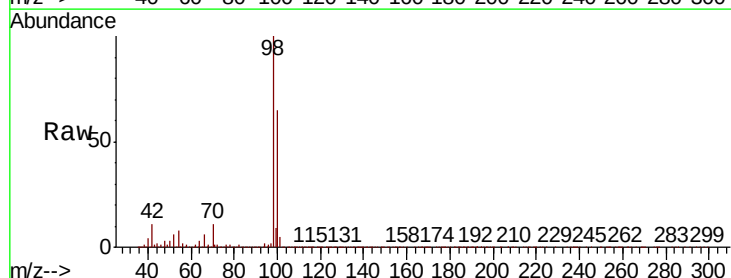
Acq: 19 Dec 2019 12:35

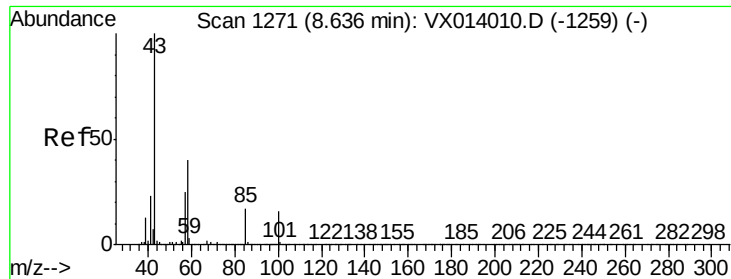
Tgt Ion: 98 Resp: 1006254

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 97.309 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

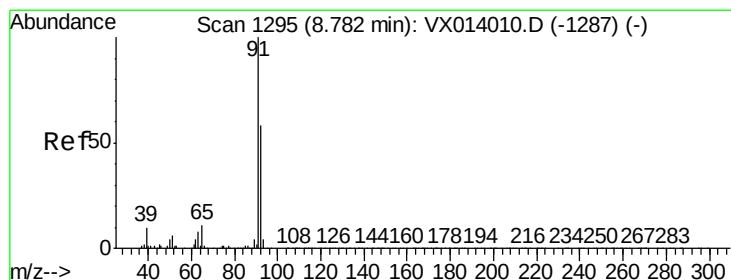
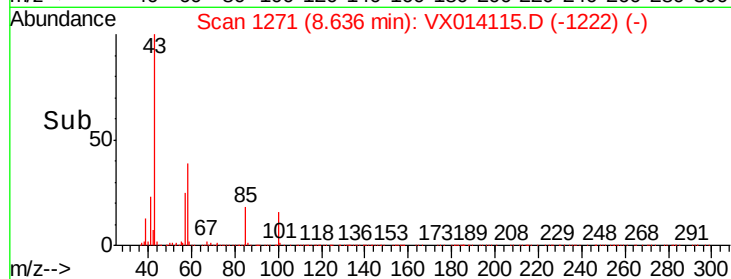
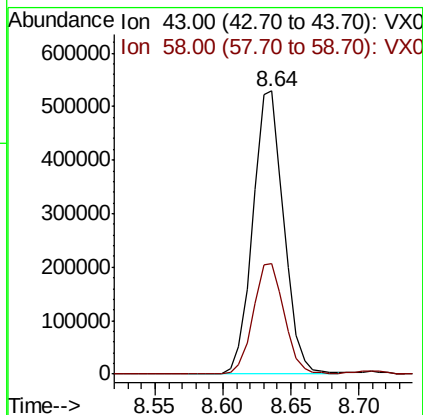
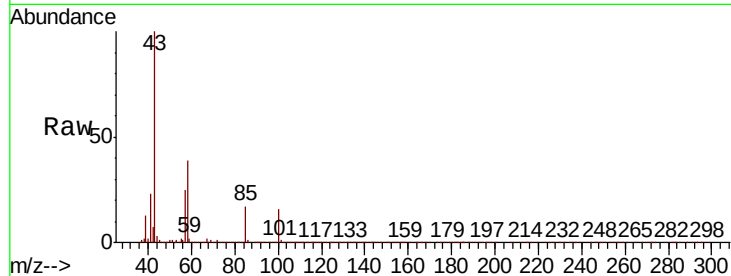
ClientSampleId :

Tot Ion: 43 Resp: 843834

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.2



#52

Toluene

Concen: 19.269 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014115.D

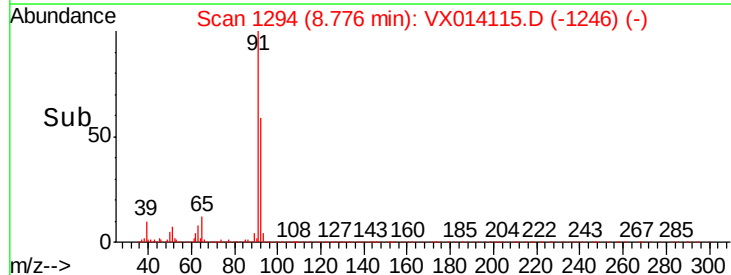
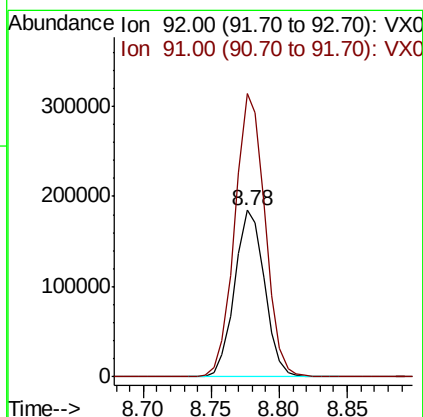
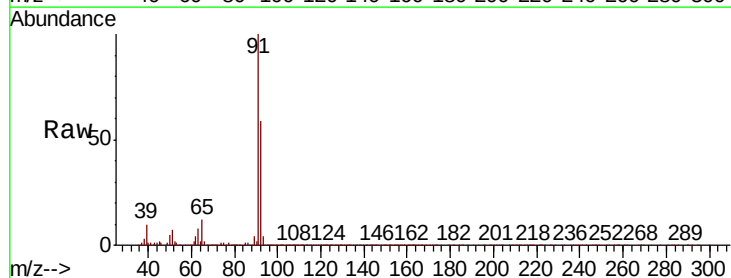
Acq: 19 Dec 2019 12:35

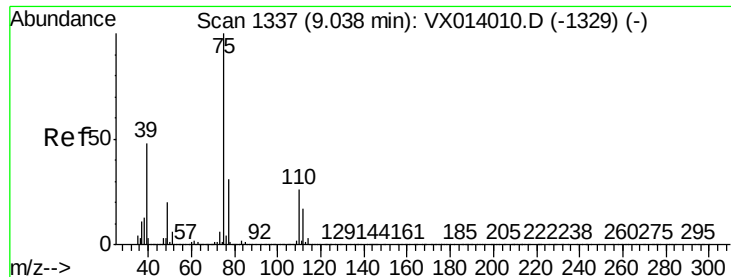
Tgt Ion: 92 Resp: 283140

Ion Ratio Lower Upper

92 100

91 171.8 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 19.171 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

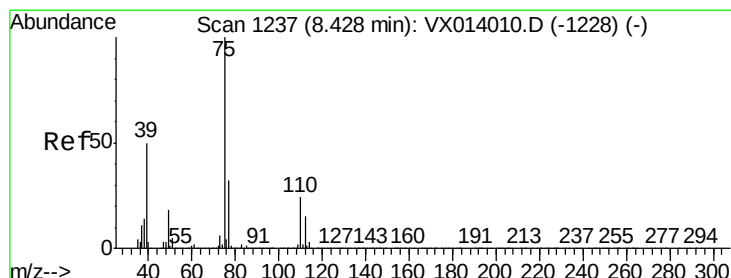
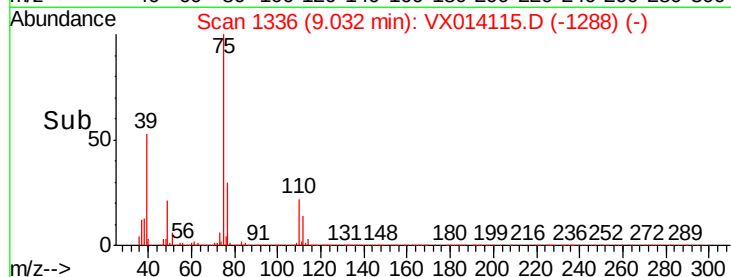
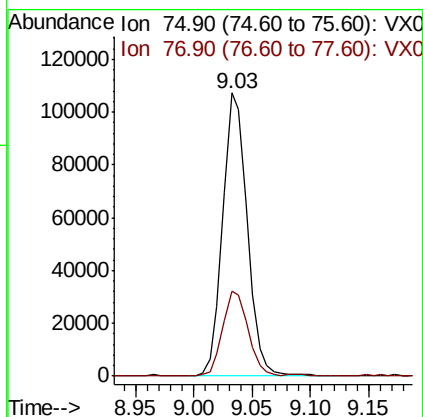
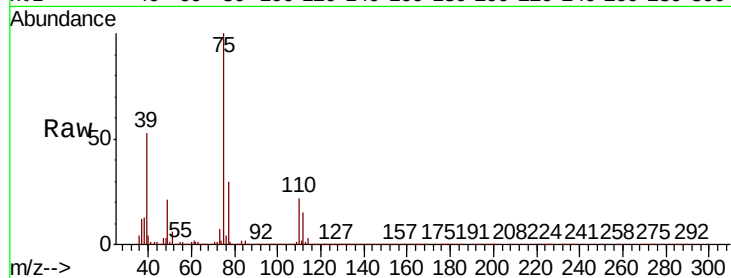
ClientSampleId :

Tot Ion: 75 Resp: 155968

Ion Ratio Lower Upper

75 100

77 30.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.728 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

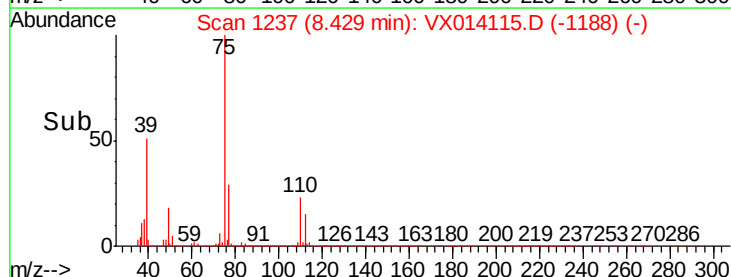
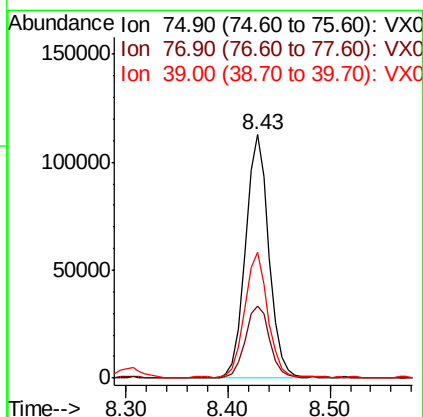
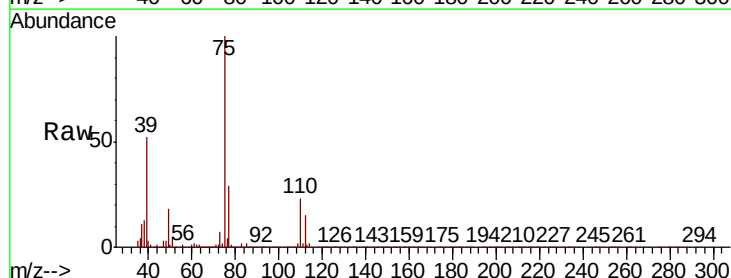
Tgt Ion: 75 Resp: 178802

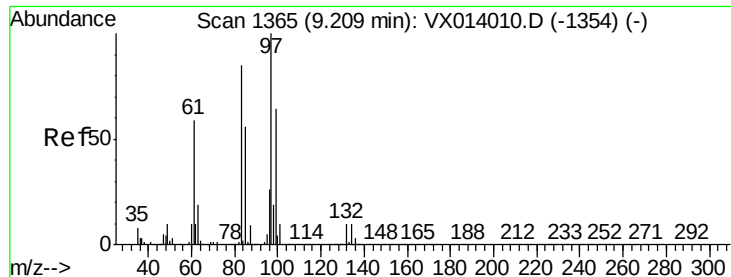
Ion Ratio Lower Upper

75 100

77 29.3 25.3 37.9

39 51.5 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.405 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 114282

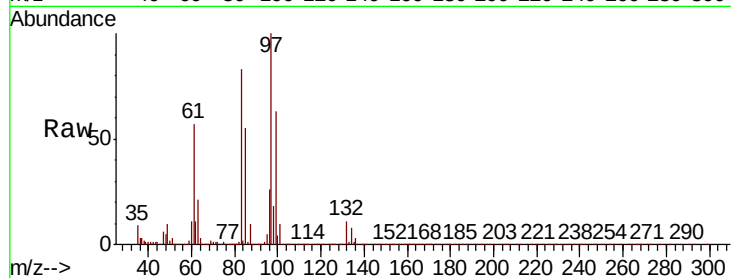
Ion Ratio Lower Upper

97 100

83 82.4 68.2 102.4

85 54.9 44.6 66.8

99 62.4 51.4 77.0

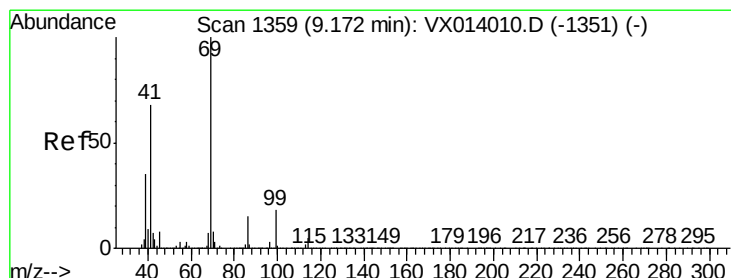
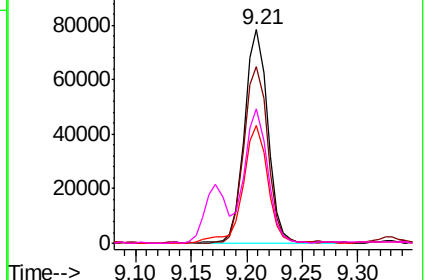
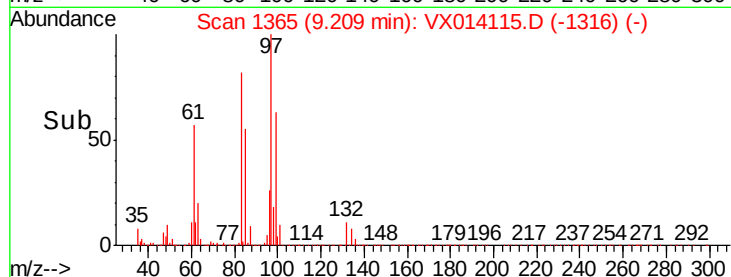


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.907 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

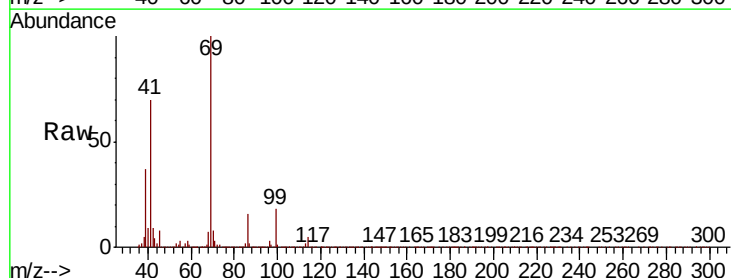
Tgt Ion: 69 Resp: 174913

Ion Ratio Lower Upper

69 100

41 69.4 54.8 82.2

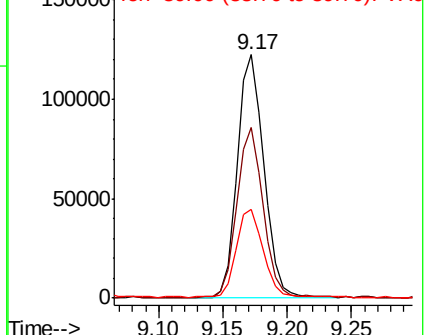
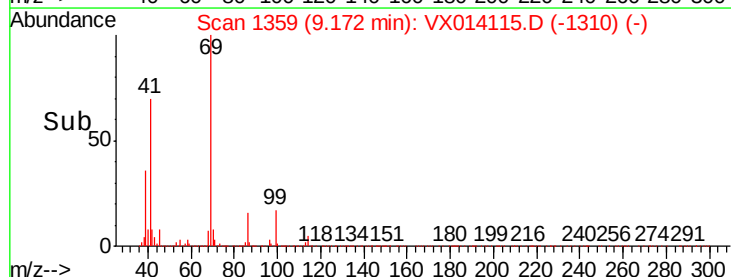
39 36.9 28.3 42.5

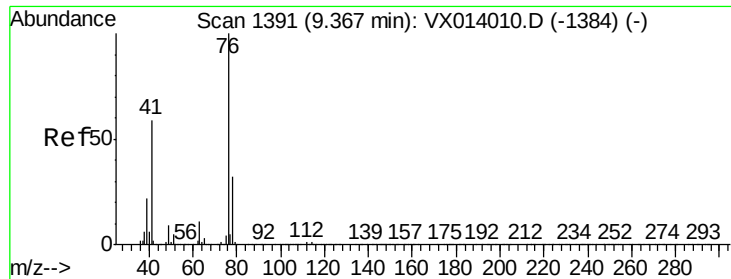


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.773 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

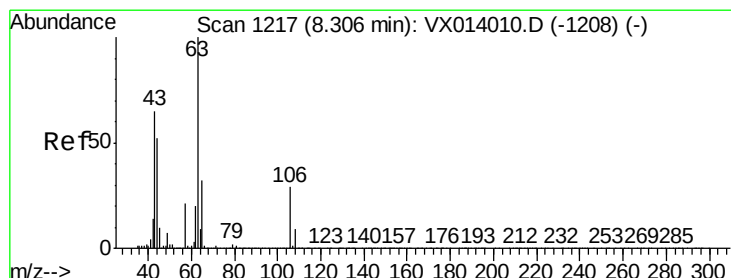
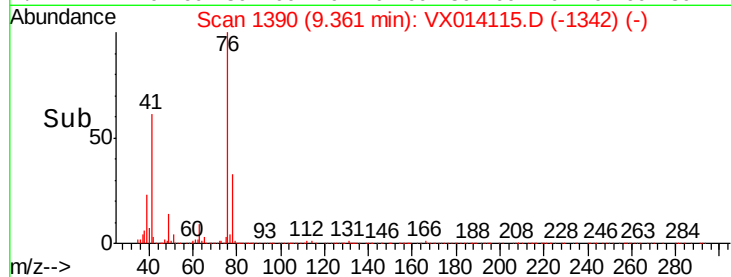
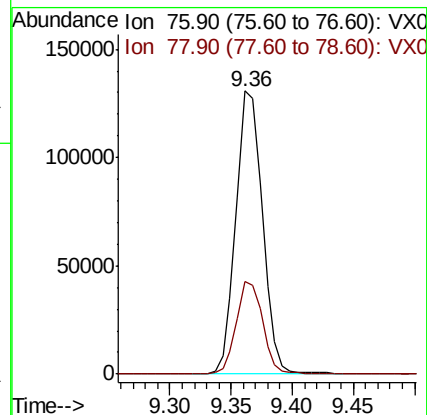
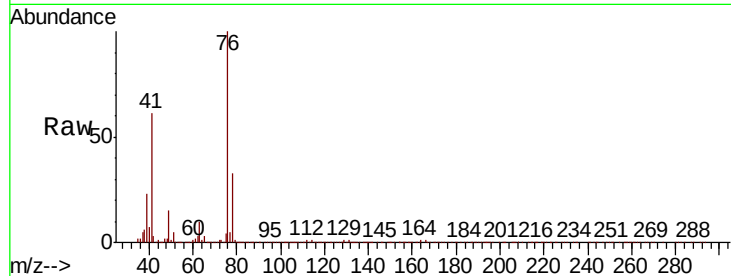
ClientSampleId :

Tot Ion: 76 Resp: 195925

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 101.880 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014115.D

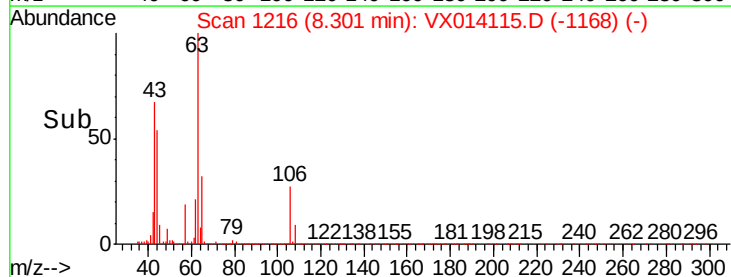
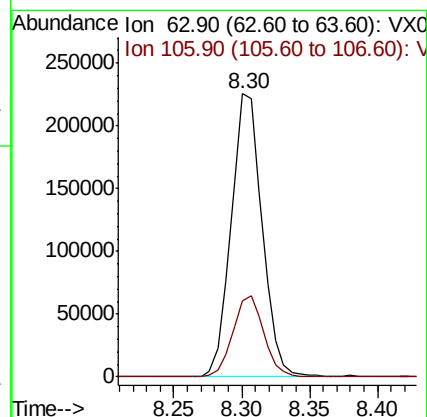
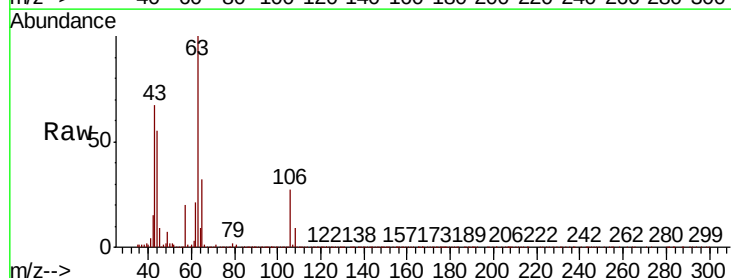
Acq: 19 Dec 2019 12:35

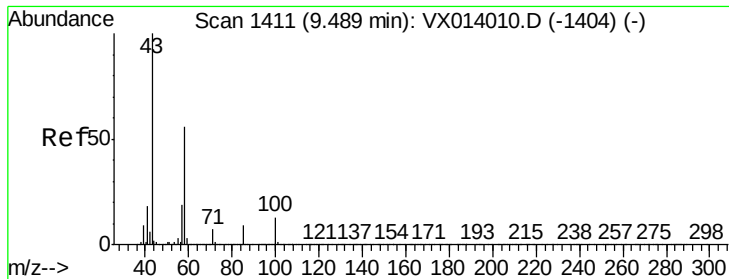
Tgt Ion: 63 Resp: 356674

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6

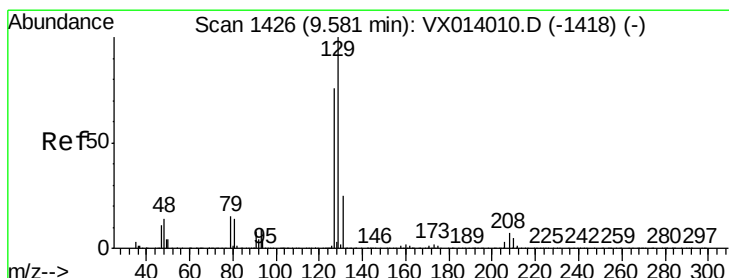
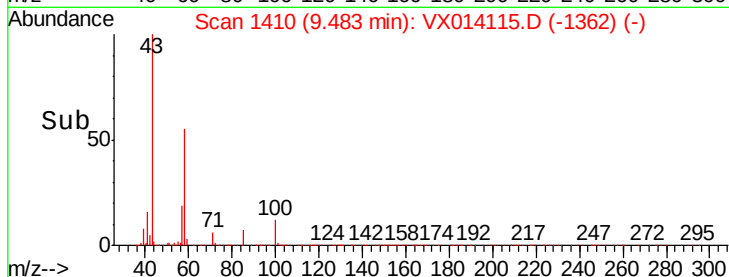
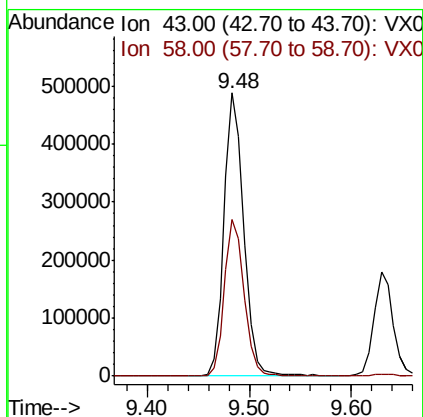
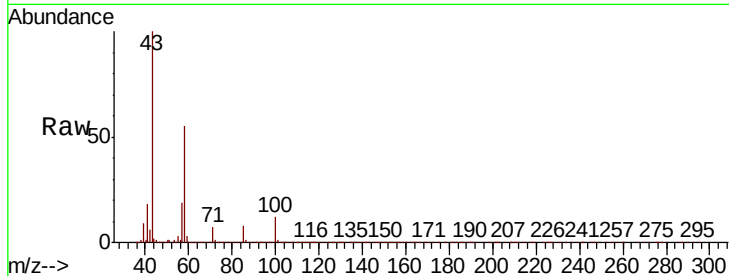




#59
2-Hexanone
Concen: 93.626 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

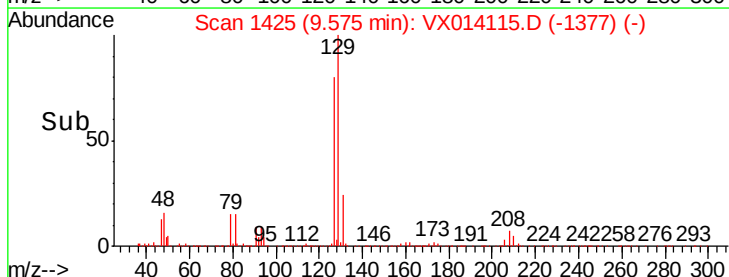
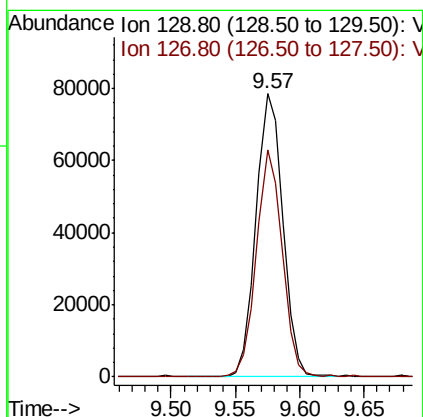
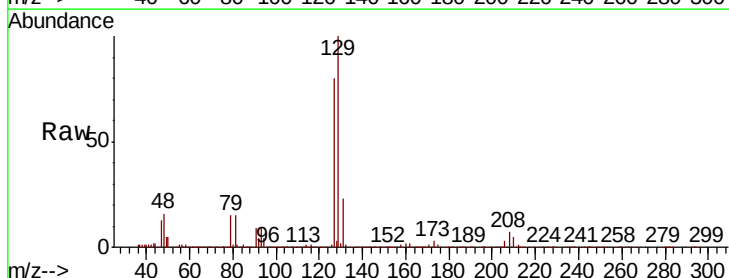
Instrument :
MSVOA_X
ClientSampleId :

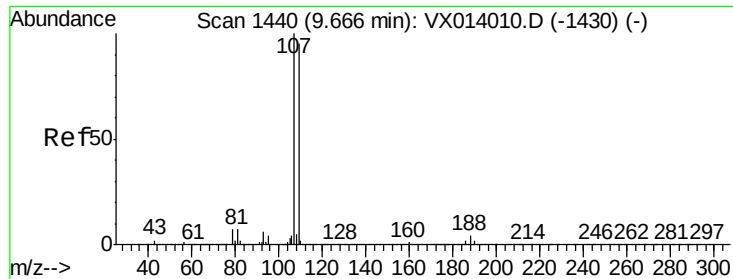
Tot Ion: 43 Resp: 653583
Ion Ratio Lower Upper
43 100
58 55.5 28.0 84.0



#60
Dibromochloromethane
Concen: 19.212 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion:129 Resp: 112469
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.618 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

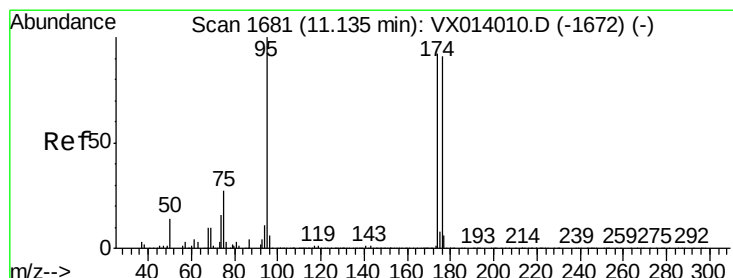
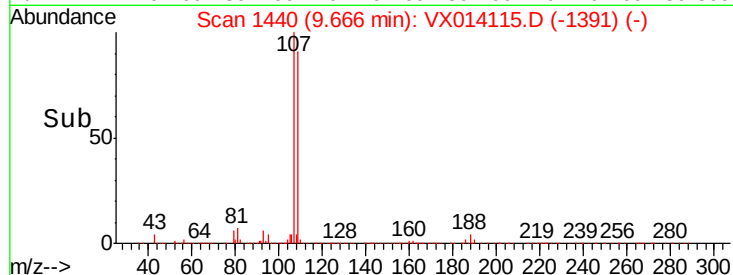
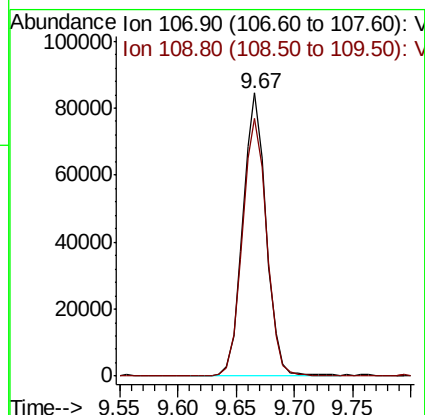
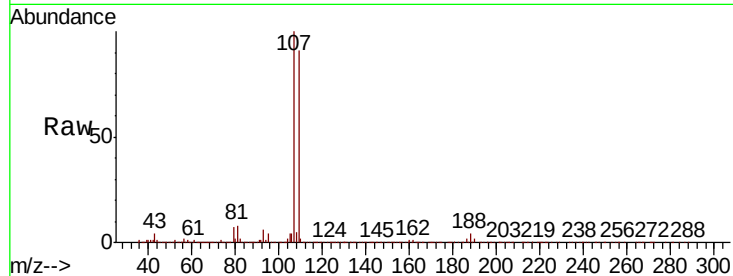
ClientSampleId :

Tot Ion:107 Resp: 118214

Ion Ratio Lower Upper

107 100

109 95.3 75.7 113.5



#62

4-Bromofluorobenzene

Concen: 49.118 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

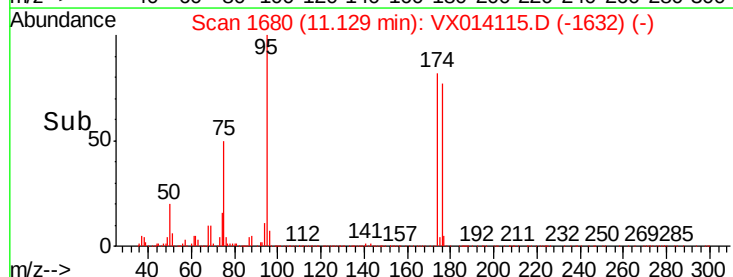
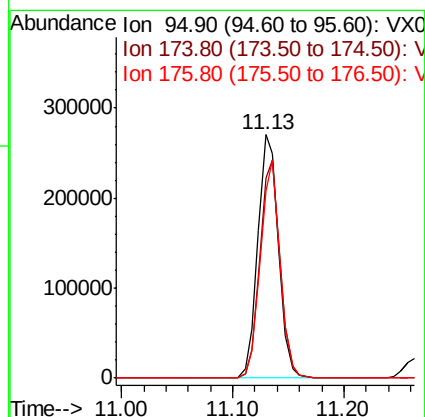
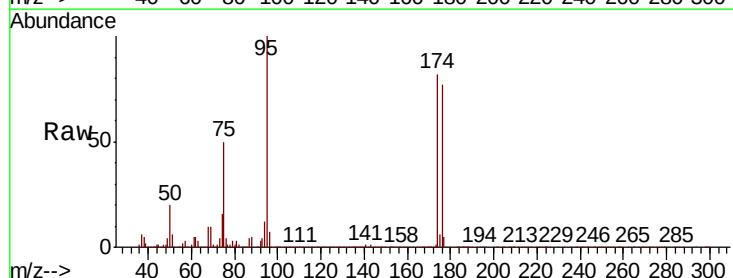
Tgt Ion: 95 Resp: 349906

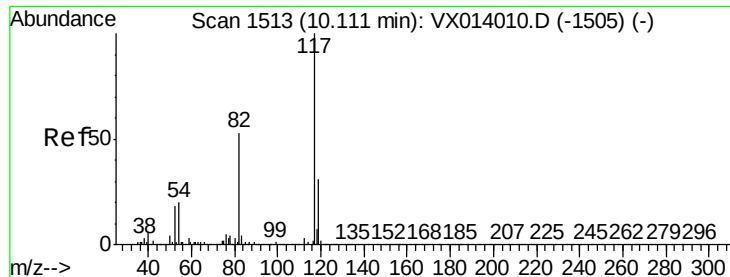
Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.8

176 85.6 0.0 173.0

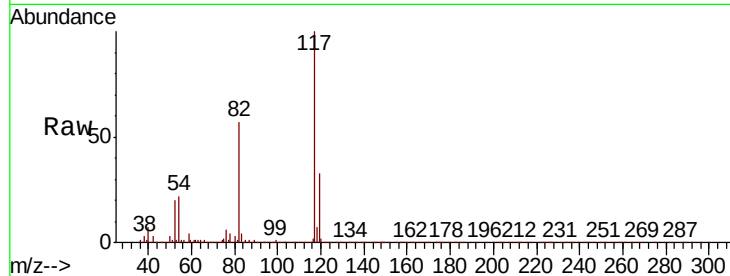




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.5	42.2	63.4
119	32.7	25.1	37.7

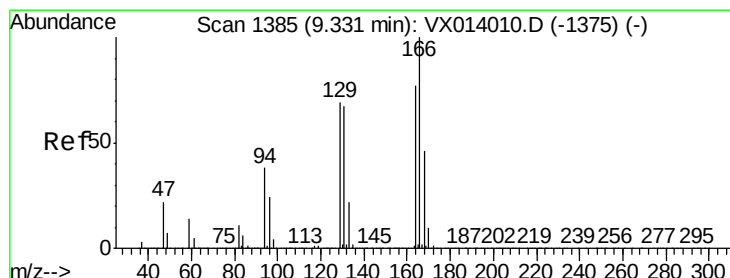
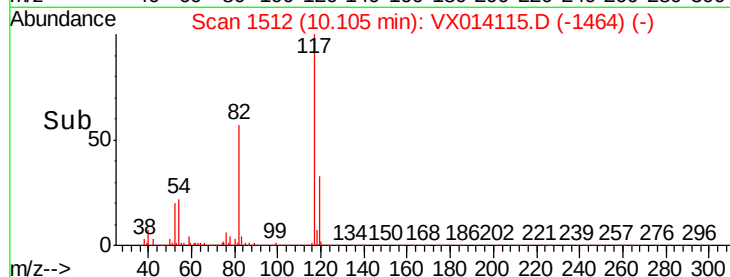
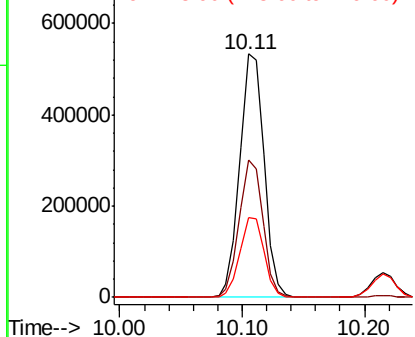


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.919 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	104.0	156.0
129	92.5	72.2	108.4
131	88.0	69.6	104.4

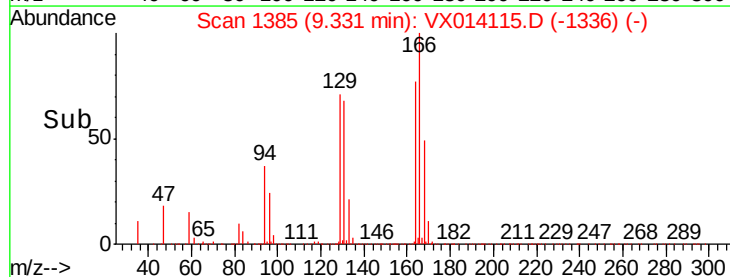
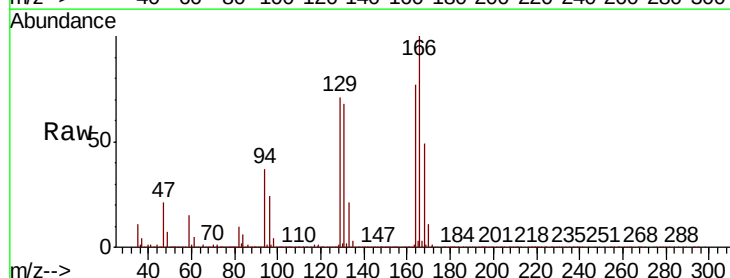
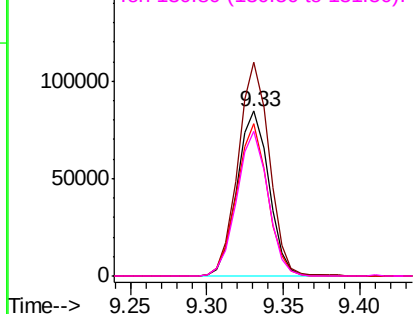
Abundance

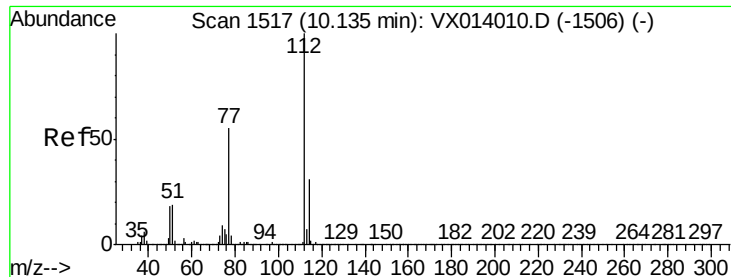
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

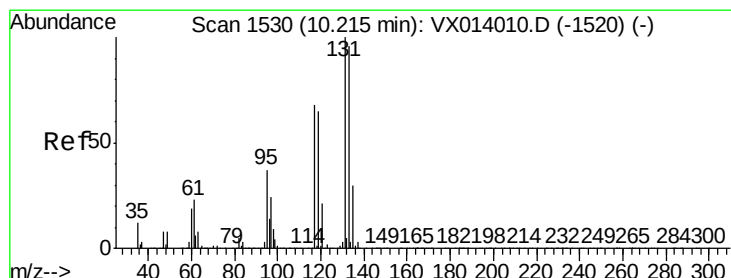
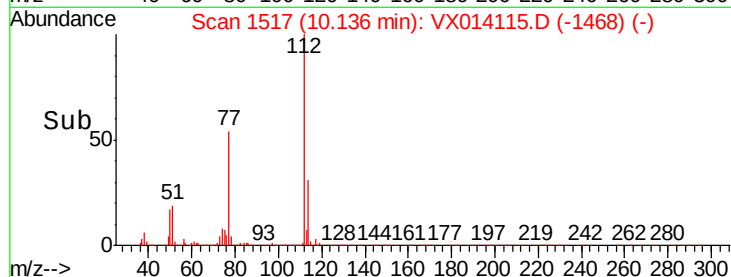
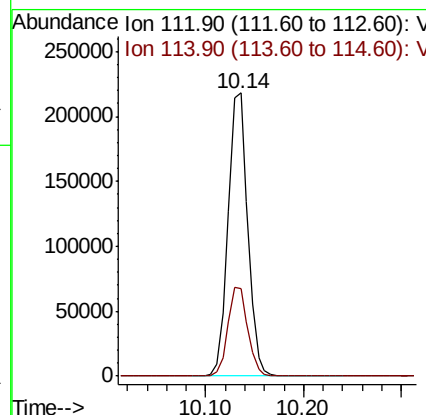
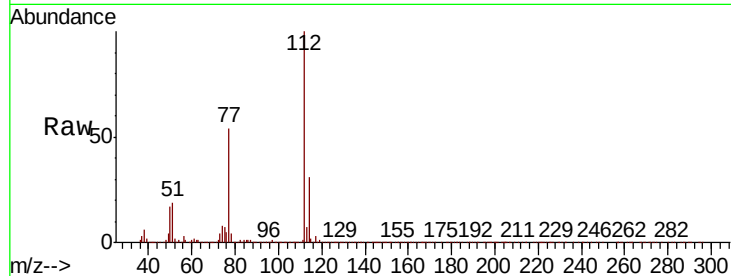




#65
Chlorobenzene
Concen: 19.586 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

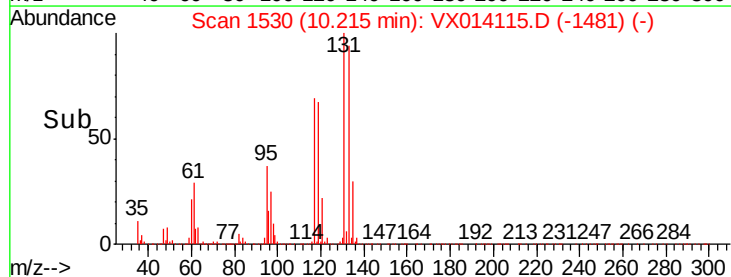
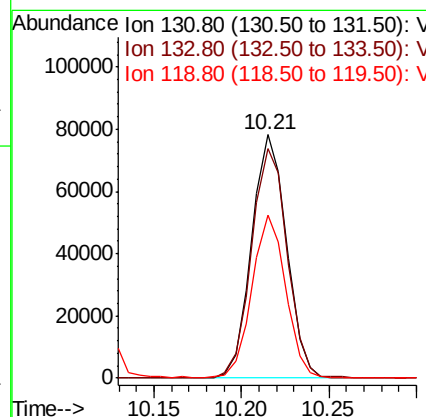
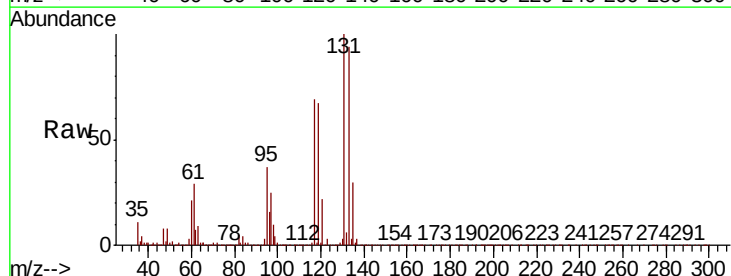
Instrument :
MSVOA_X
ClientSampleId :

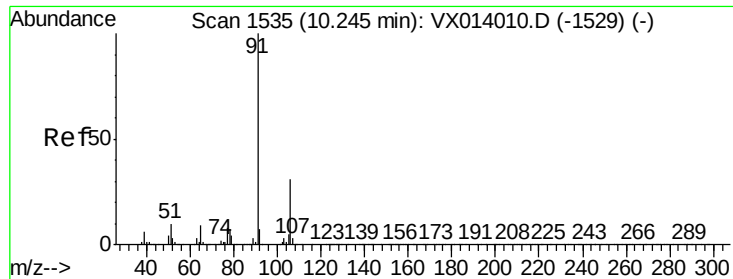
Tot Ion:112 Resp: 305072
Ion Ratio Lower Upper
112 100
114 31.0 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.497 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion:131 Resp: 108429
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 64.6 33.4 100.2





#67

Ethyl Benzene

Concen: 19.744 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

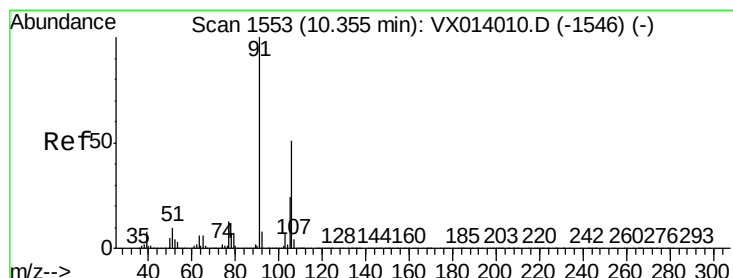
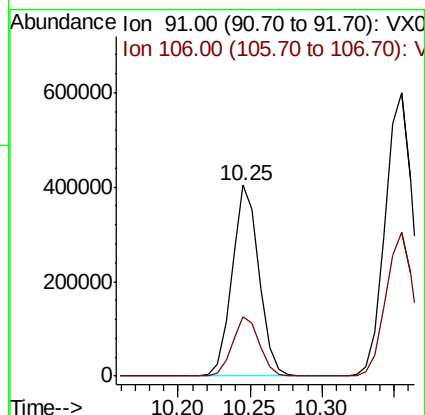
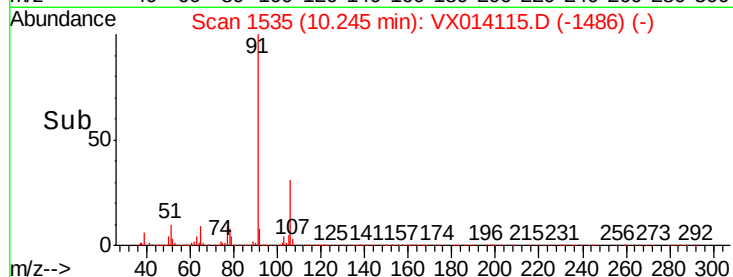
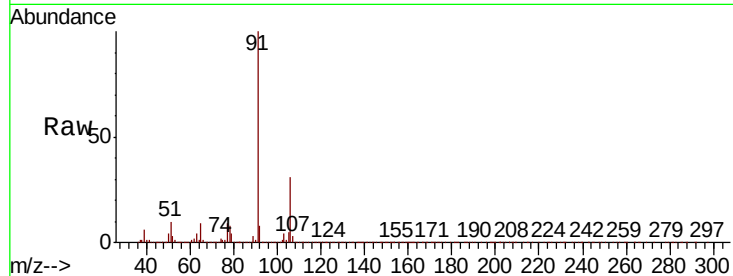
ClientSampleId :

Tot Ion: 91 Resp: 528722

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



#68

m/p-Xylenes

Concen: 39.473 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014115.D

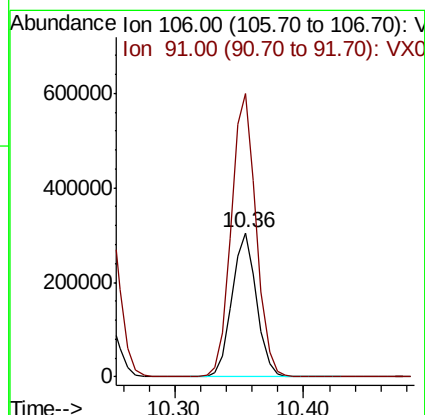
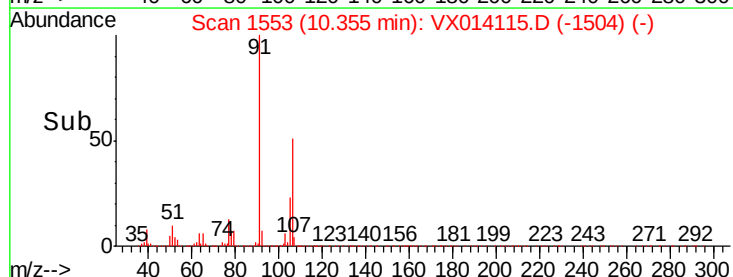
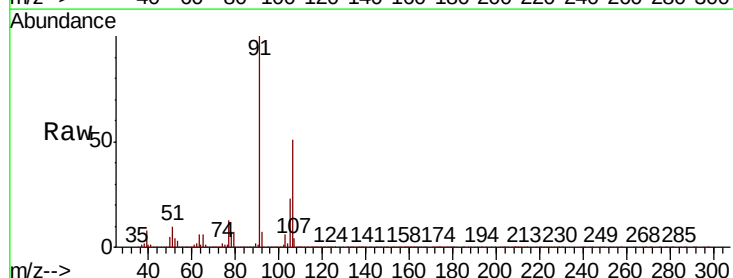
Acq: 19 Dec 2019 12:35

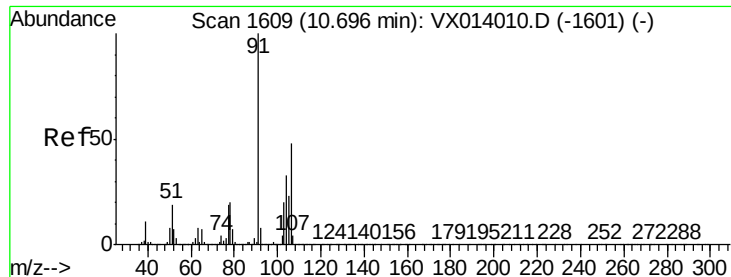
Tgt Ion: 106 Resp: 406545

Ion Ratio Lower Upper

106 100

91 198.8 158.6 238.0

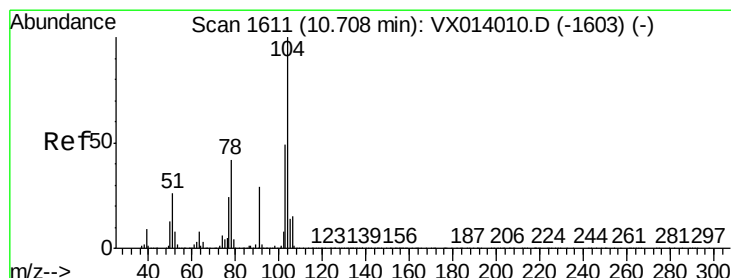
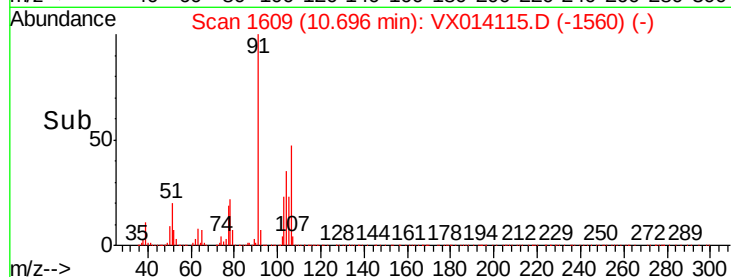
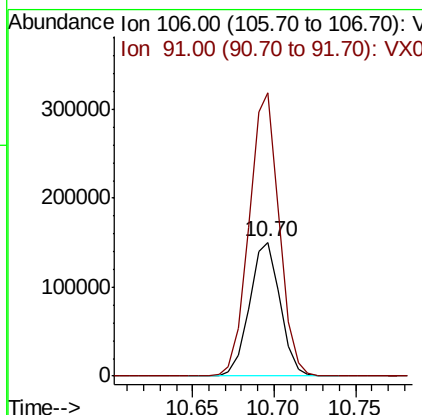
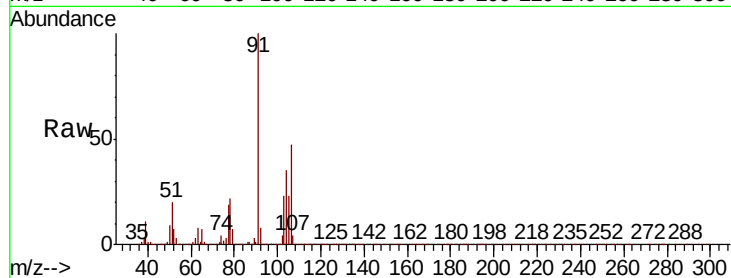




#69
o-Xylene
Concen: 19.379 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

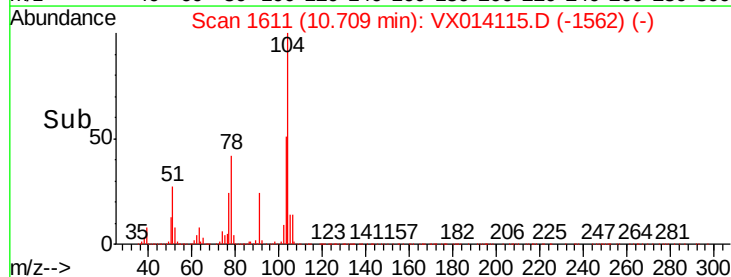
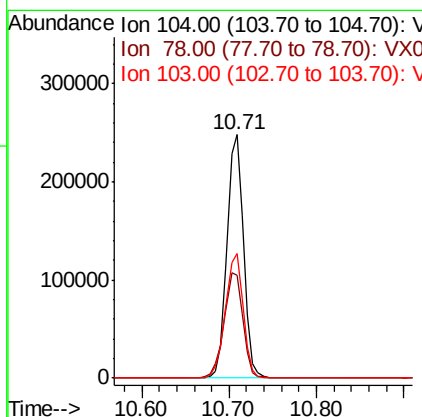
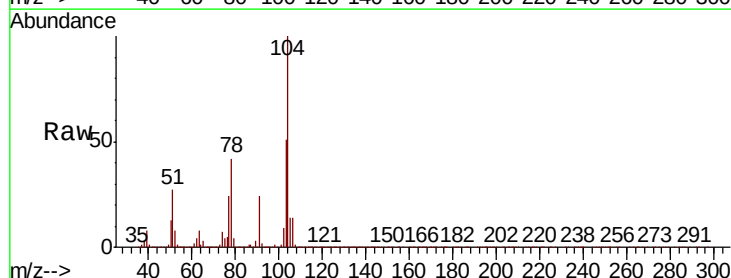
Instrument :
MSVOA_X
ClientSampleId :

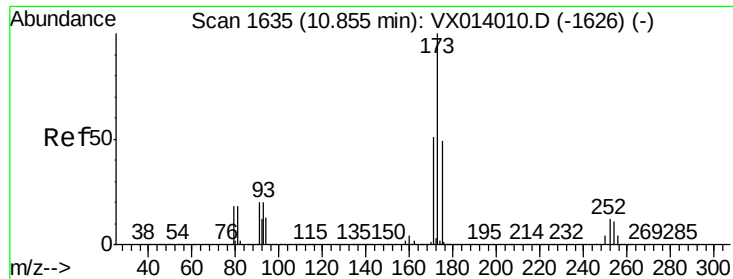
Tot Ion:106 Resp: 195748
Ion Ratio Lower Upper
106 100
91 208.9 104.2 312.6



#70
Styrene
Concen: 19.098 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion:104 Resp: 326201
Ion Ratio Lower Upper
104 100
78 49.3 38.5 57.7
103 55.1 42.9 64.3

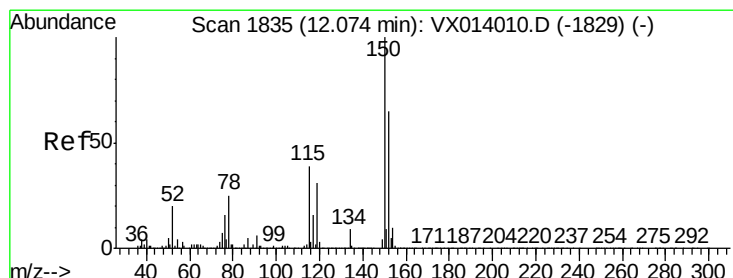
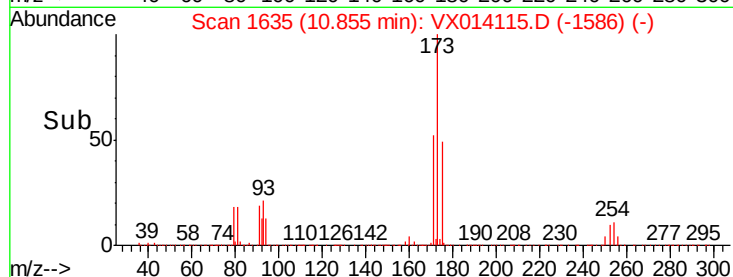
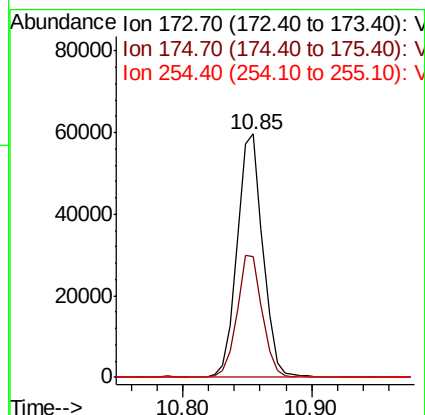
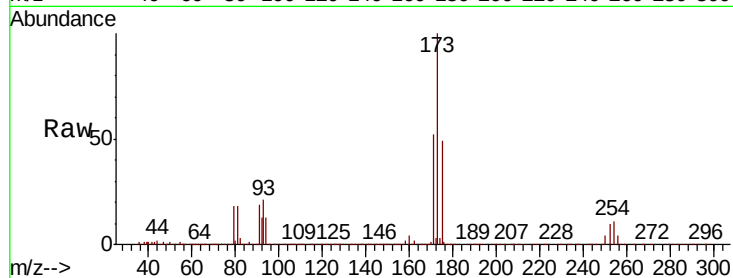




#71
Bromoform
Concen: 18.472 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

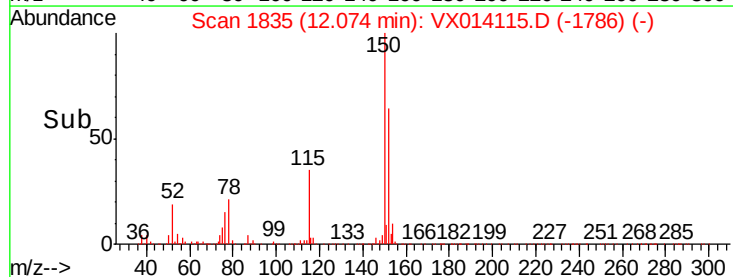
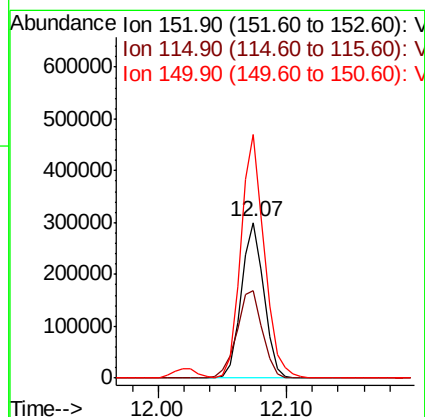
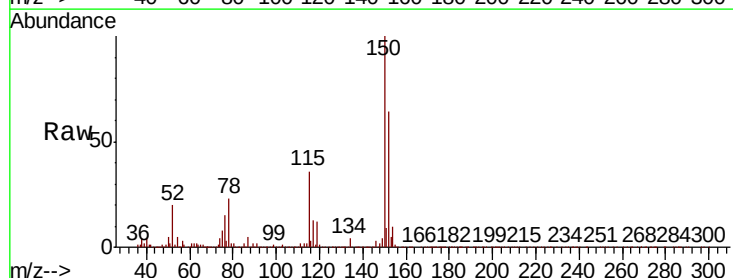
Instrument :
MSVOA_X
ClientSampleId :

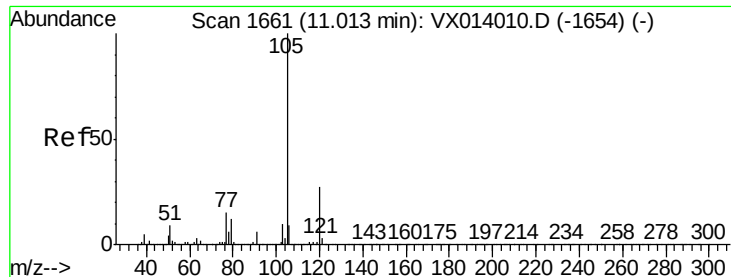
Tot Ion:173 Resp: 82577
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.4
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion:152 Resp: 361138
Ion Ratio Lower Upper
152 100
115 64.9 38.3 114.9
150 162.8 0.0 345.4





#73

Isopropylbenzene

Concen: 20.448 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

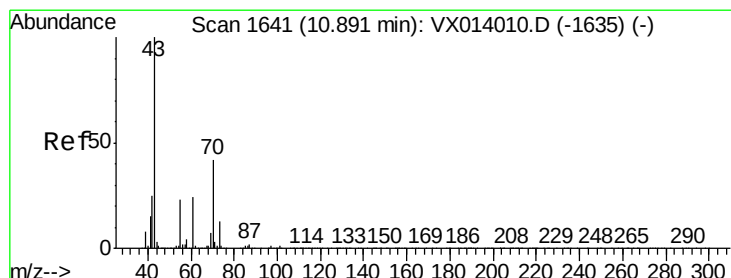
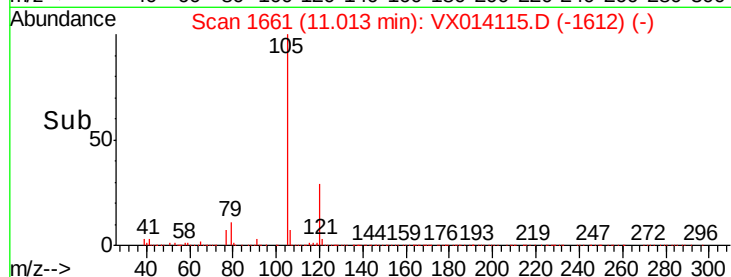
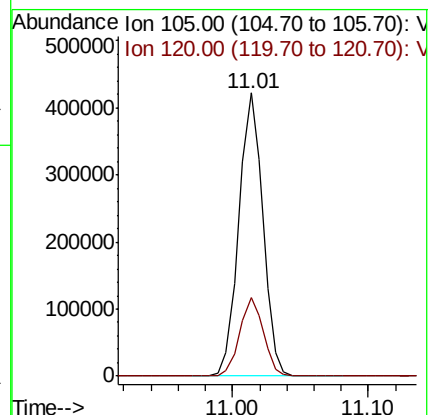
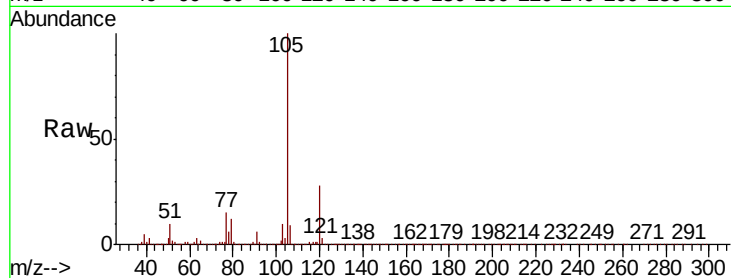
ClientSampleId :

Tot Ion:105 Resp: 519936

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#74

N-ethyl acetate

Concen: 19.036 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Tgt Ion: 43 Resp: 226881

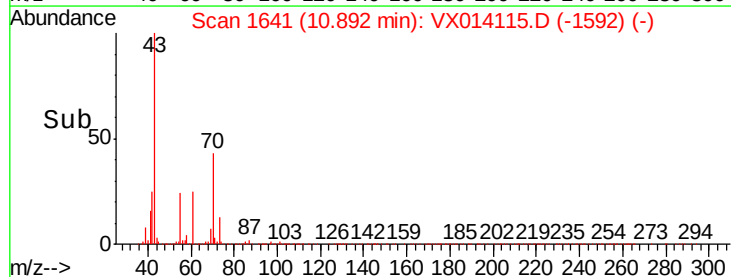
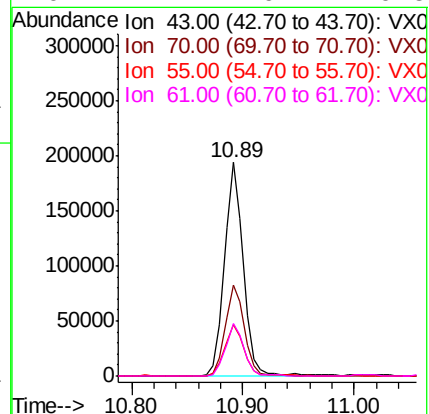
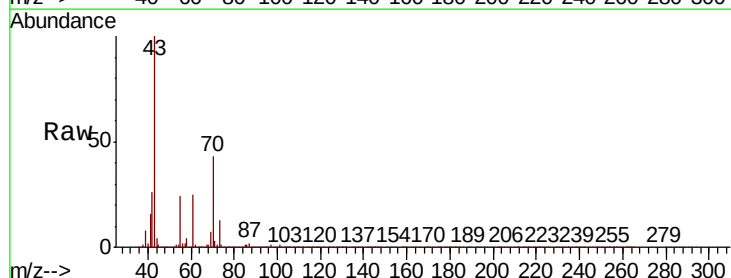
Ion Ratio Lower Upper

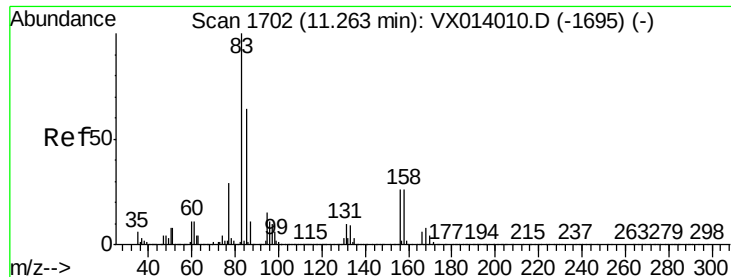
43 100

70 42.9 34.4 51.6

55 24.6 19.1 28.7

61 24.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.763 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

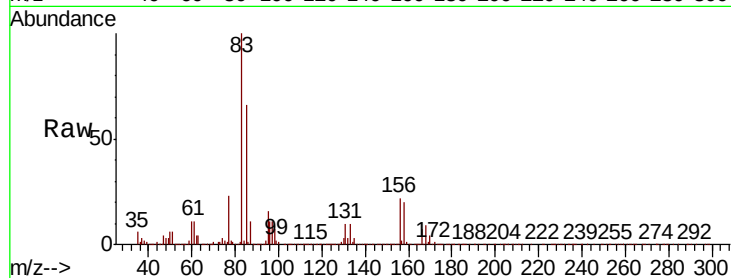
Tot Ion: 83 Resp: 174214

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

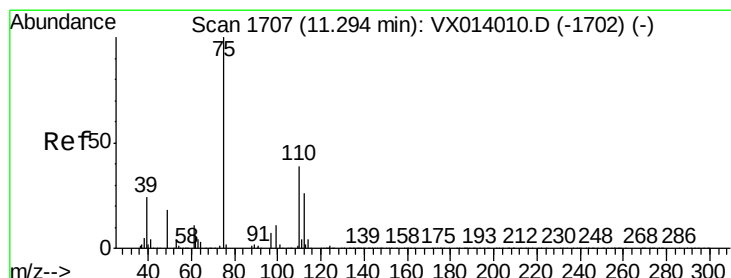
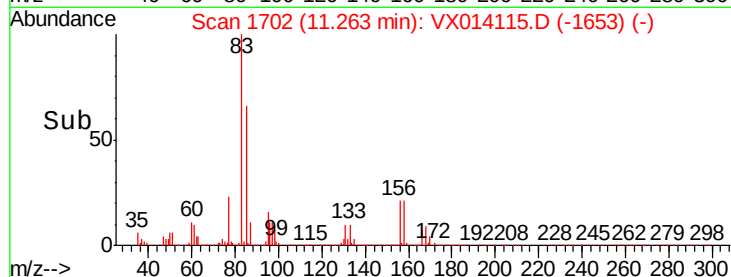
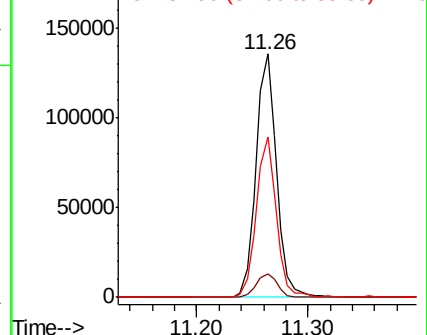
85 63.9 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.404 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014115.D

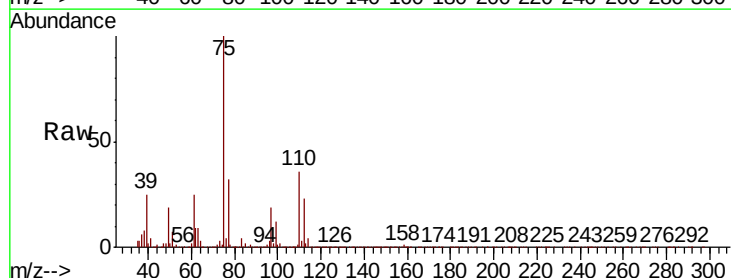
Acq: 19 Dec 2019 12:35

Tgt Ion: 75 Resp: 191335

Ion Ratio Lower Upper

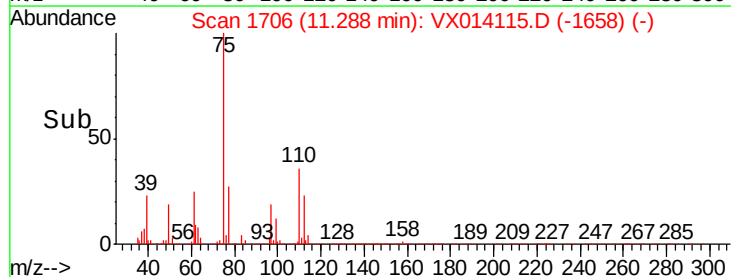
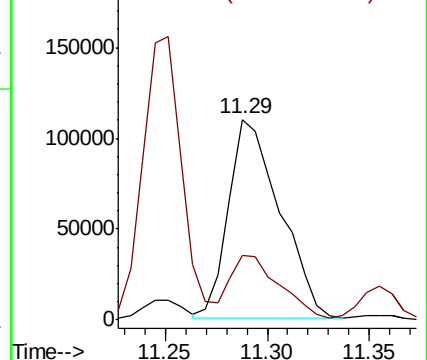
75 100

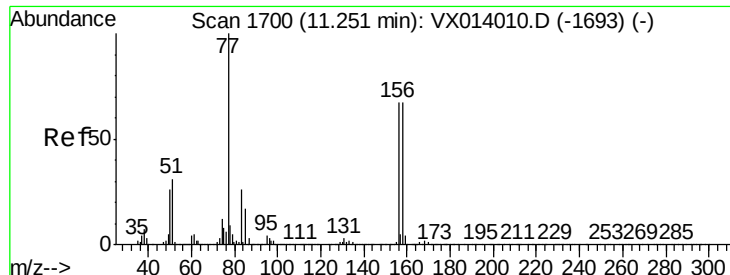
77 30.8 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.498 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

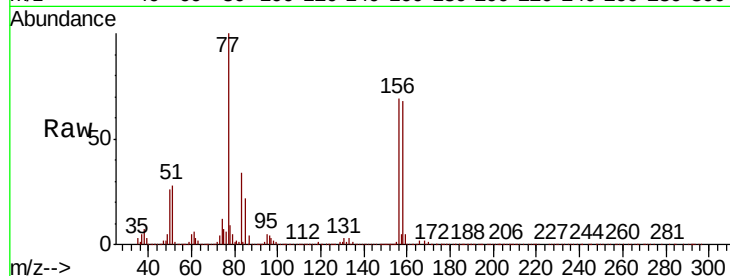
Tot Ion:156 Resp: 136406

Ion Ratio Lower Upper

156 100

77 152.6 76.5 229.5

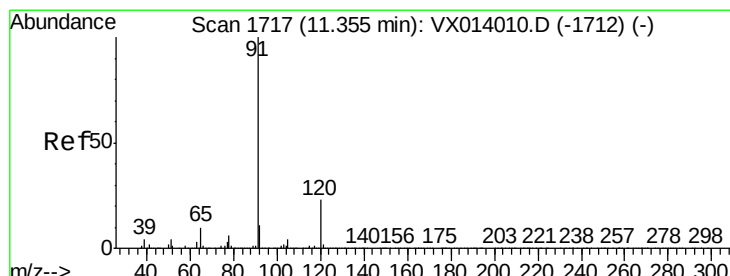
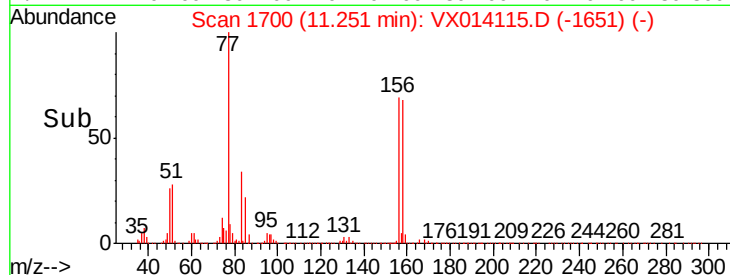
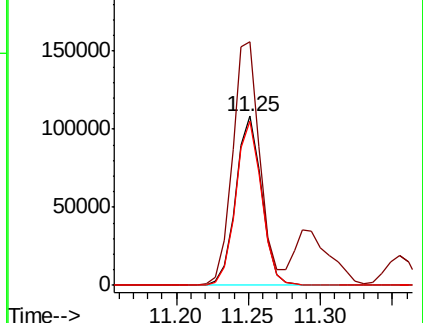
158 96.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.680 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014115.D

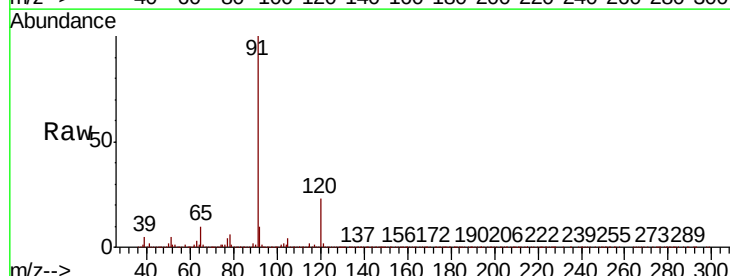
Acq: 19 Dec 2019 12:35

Tgt Ion: 91 Resp: 589814

Ion Ratio Lower Upper

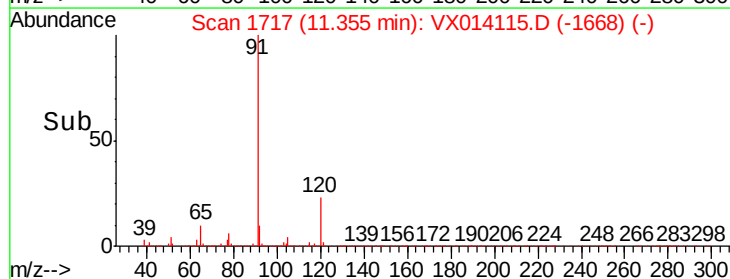
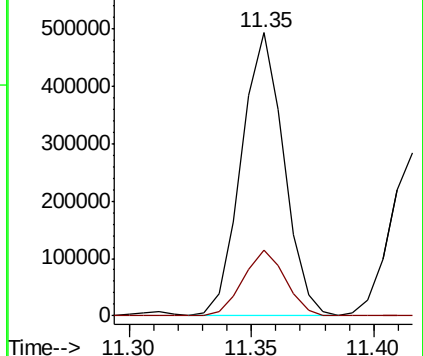
91 100

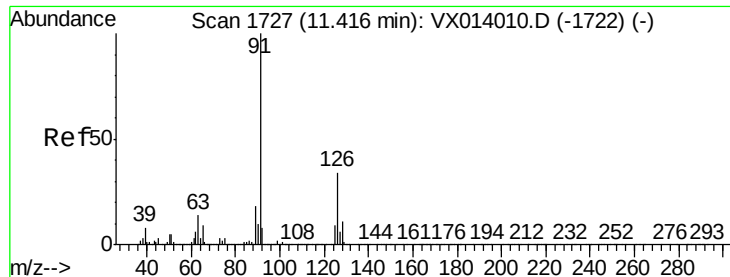
120 23.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.919 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

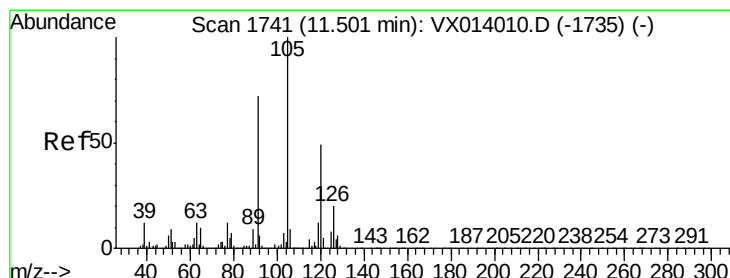
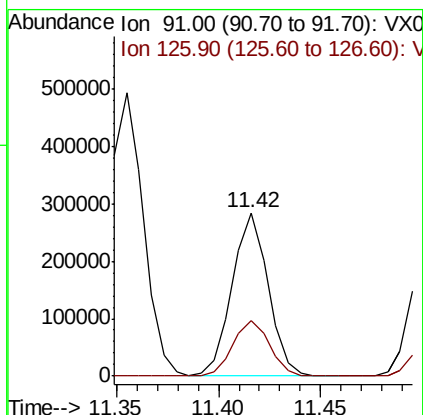
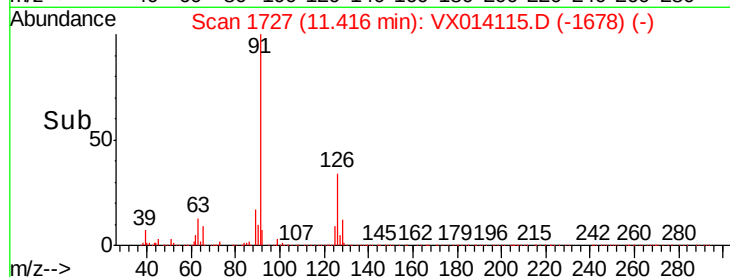
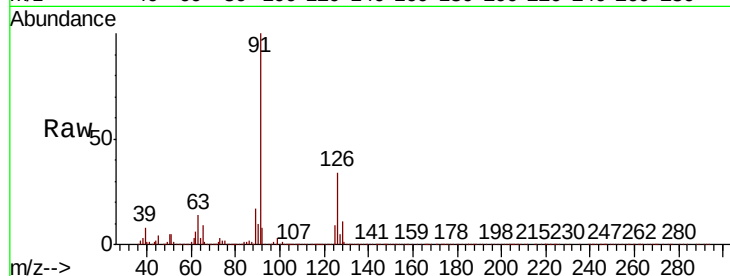
ClientSampleId :

Tot Ion: 91 Resp: 345342

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.295 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014115.D

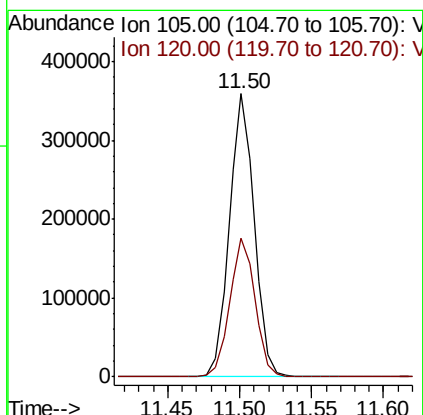
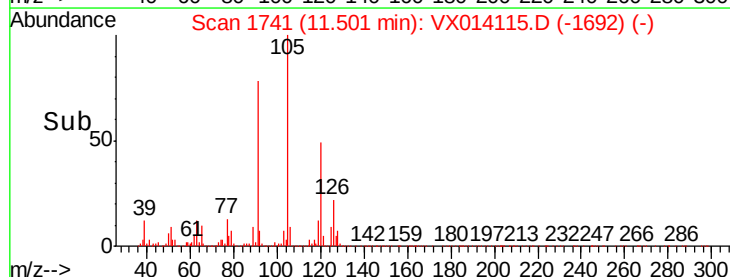
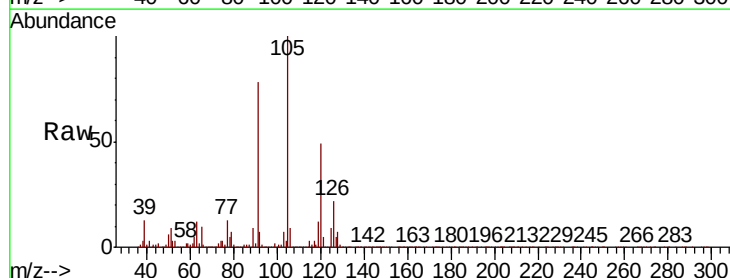
Acq: 19 Dec 2019 12:35

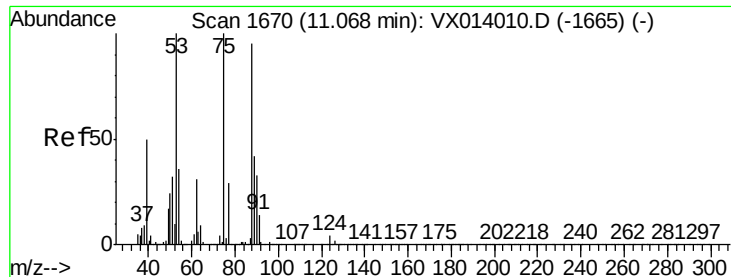
Tgt Ion:105 Resp: 434299

Ion Ratio Lower Upper

105 100

120 49.7 25.3 75.8

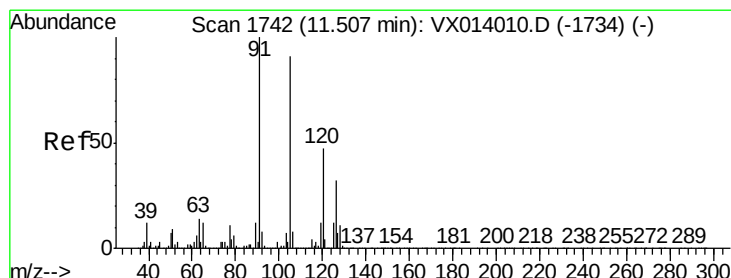
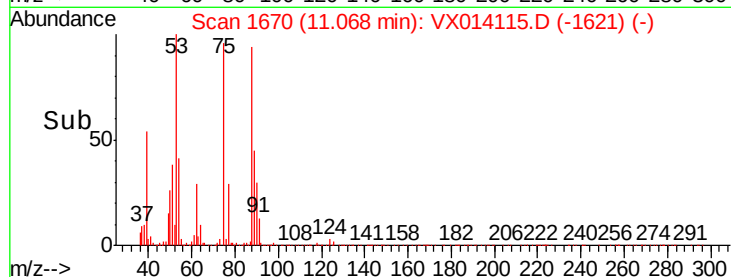
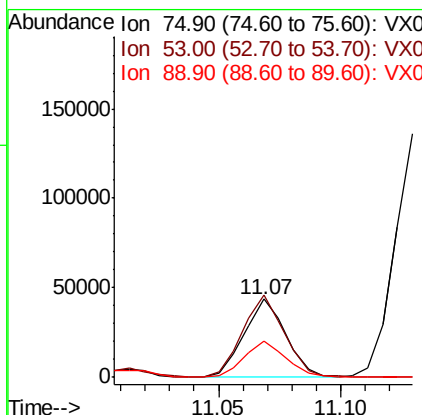
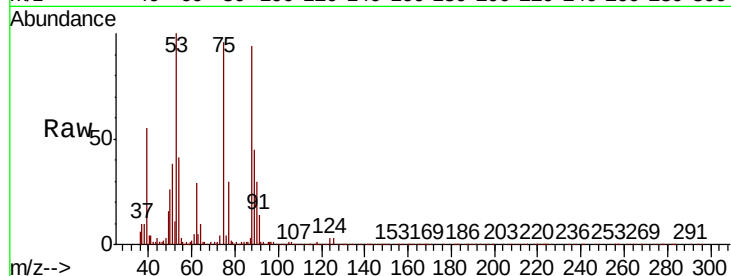




#81
trans-1,4-Dichloro-2-butene
Concen: 18.728 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

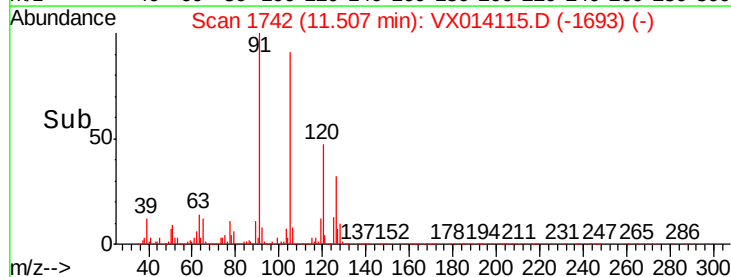
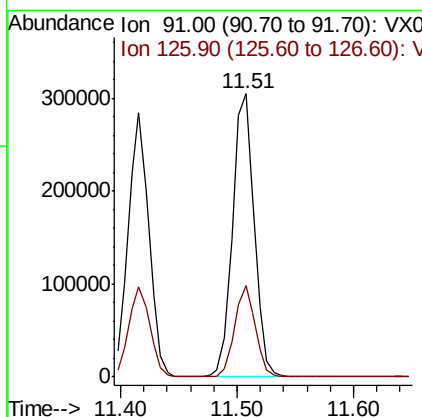
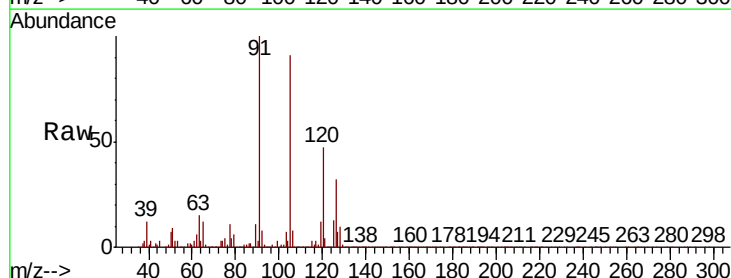
Instrument :
MSVOA_X
ClientSampleId :

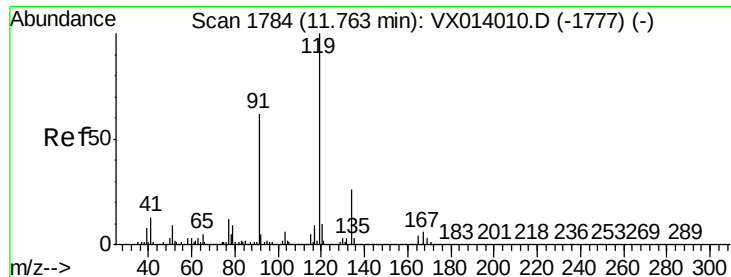
Tot Ion: 75 Resp: 52021
Ion Ratio Lower Upper
75 100
53 104.2 76.7 115.1
89 45.2 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.629 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion: 91 Resp: 394743
Ion Ratio Lower Upper
91 100
126 30.8 15.6 46.8

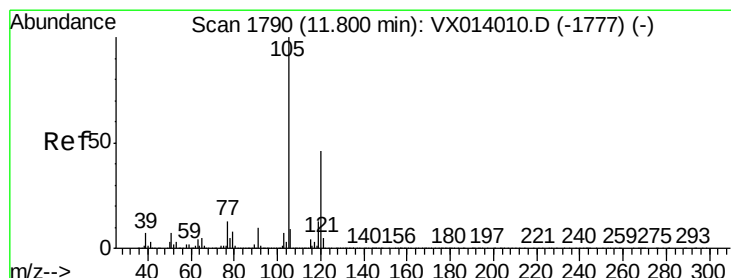
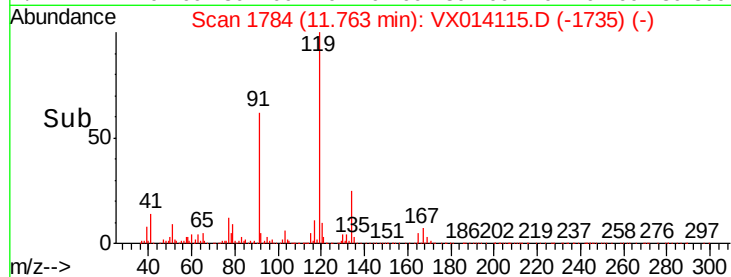
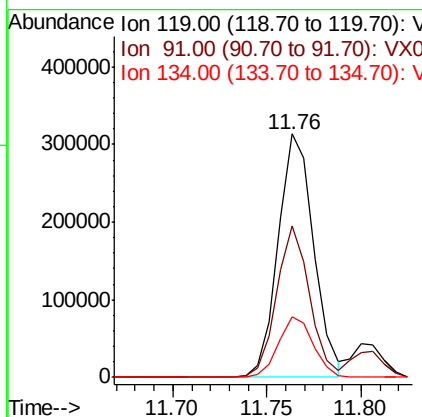
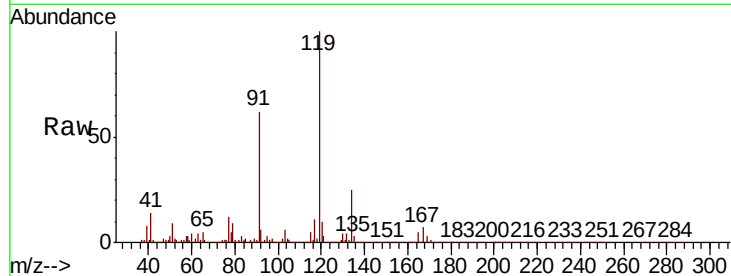




#83
 tert-Butylbenzene
 Concen: 19.651 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

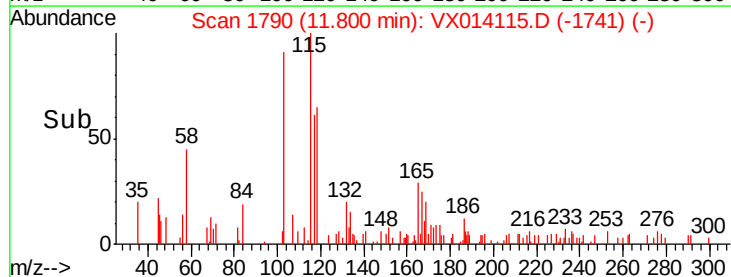
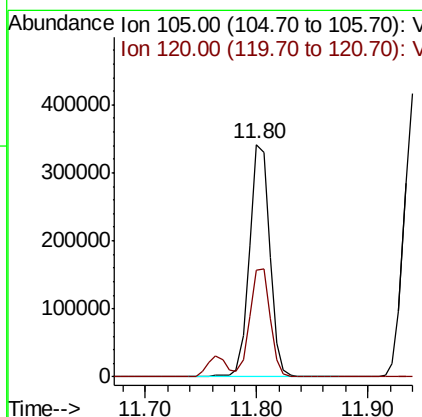
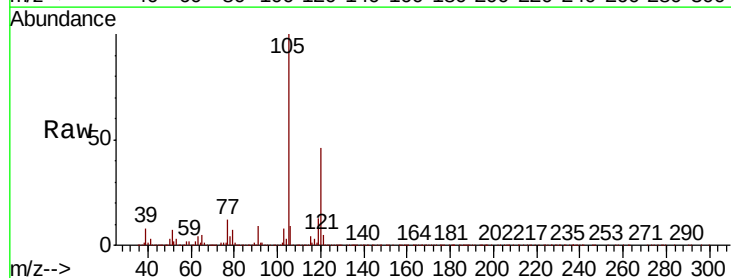
Instrument :
 MSVOA_X
 ClientSampleId :

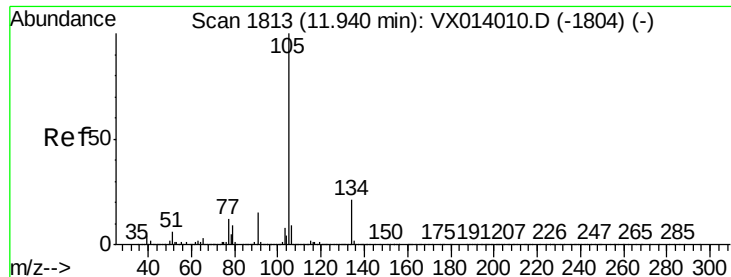
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.5	85.6
134	24.5	12.2	36.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.219 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.528 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

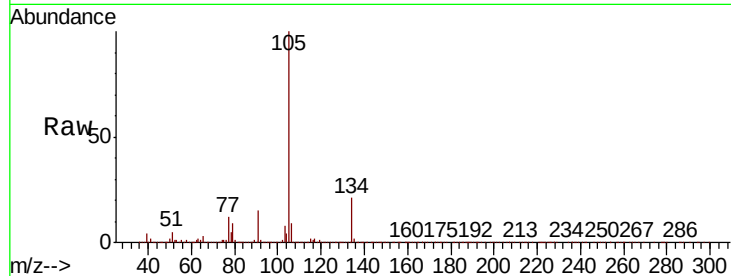
ClientSampleId :

Tot Ion:105 Resp: 504680

Ion Ratio Lower Upper

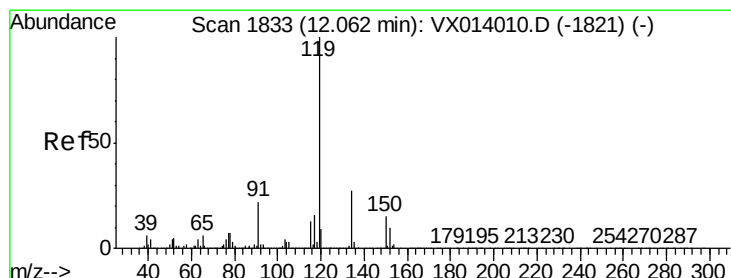
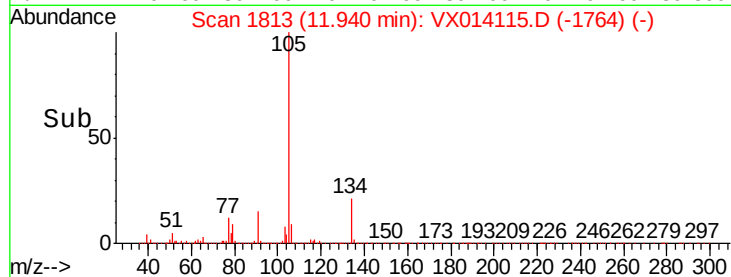
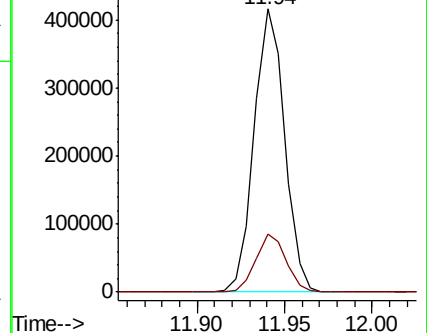
105 100

134 20.5 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.400 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

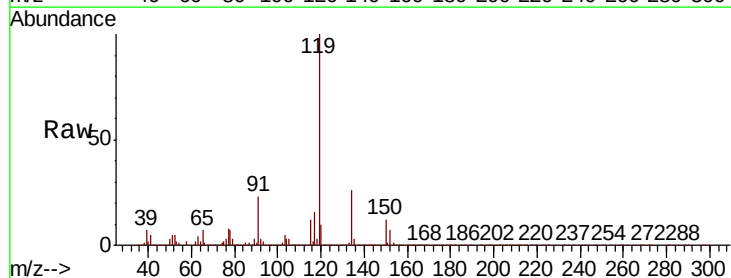
Tgt Ion:119 Resp: 458773

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

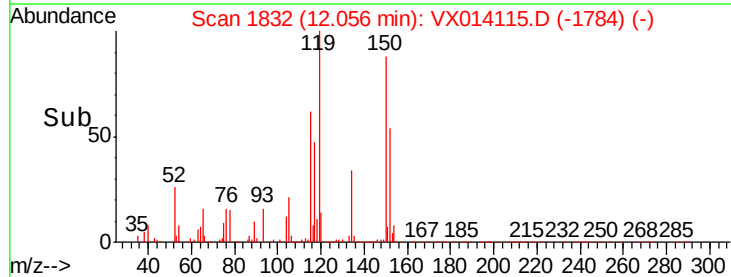
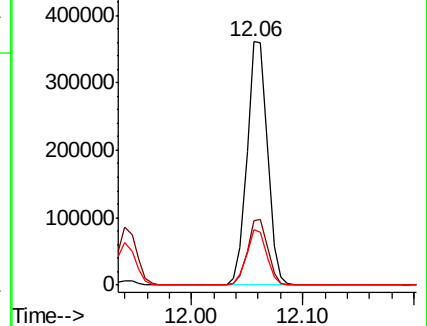
91 22.3 11.4 34.1

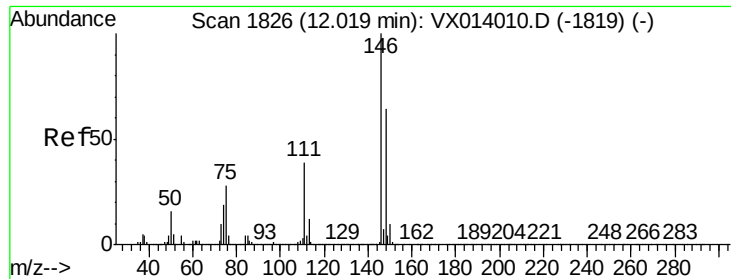


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.817 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampled :

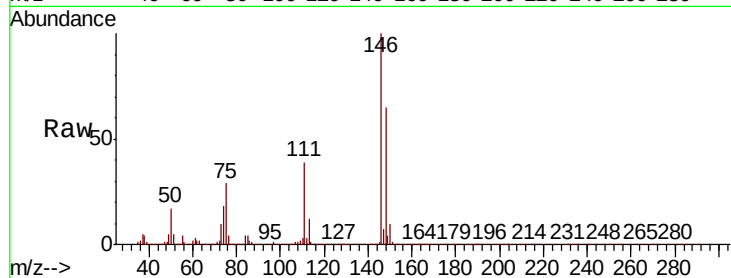
Tot Ion:146 Resp: 230719

Ion Ratio Lower Upper

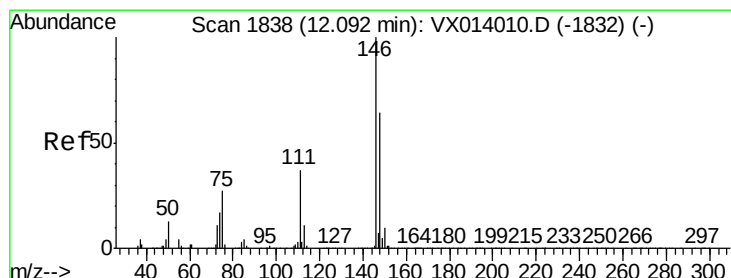
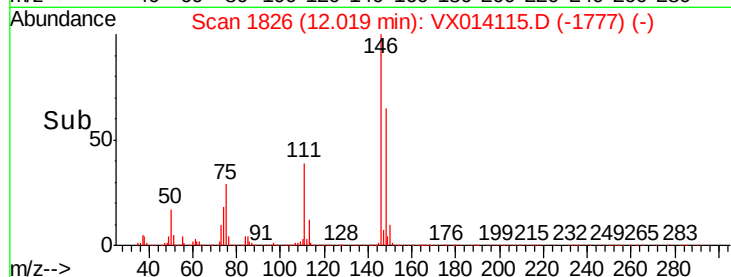
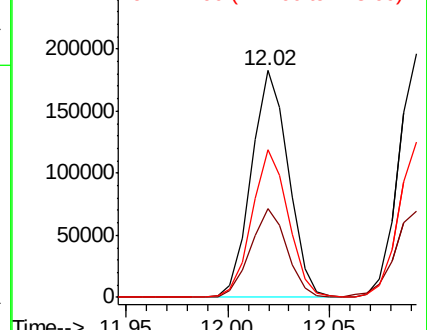
146 100

111 38.6 19.1 57.1

148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.868 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

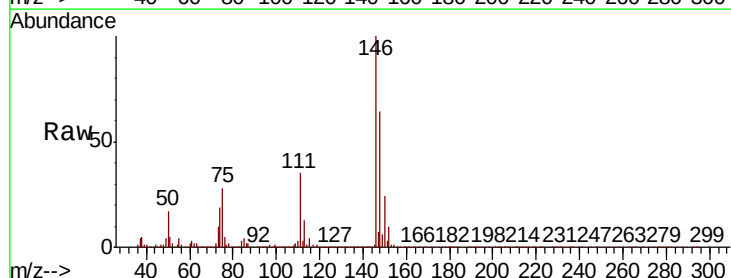
Tgt Ion:146 Resp: 235226

Ion Ratio Lower Upper

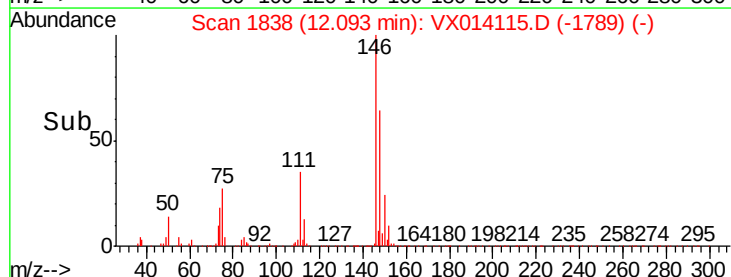
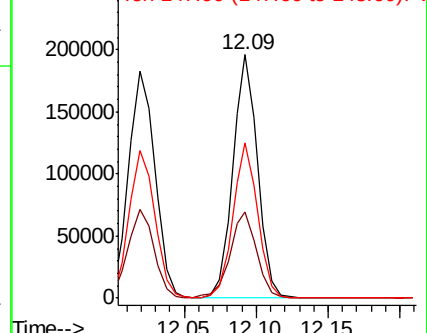
146 100

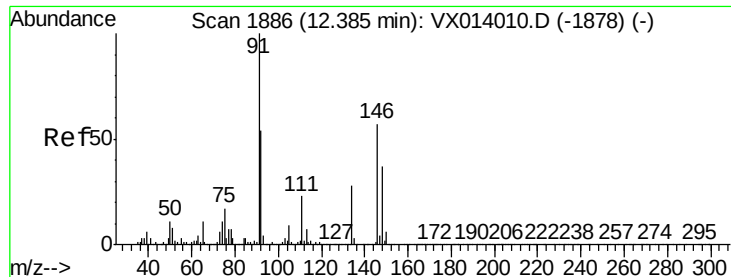
111 38.3 18.7 56.1

148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.133 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014115.D

Acq: 19 Dec 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

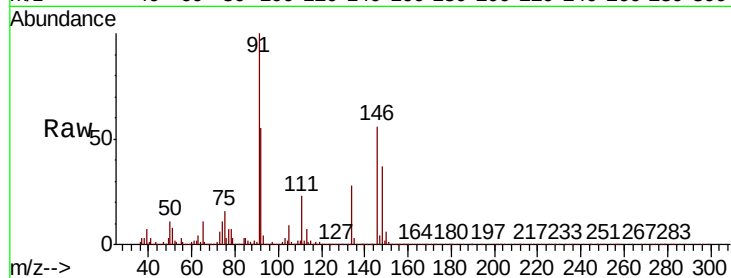
Tot Ion: 91 Resp: 386320

Ion Ratio Lower Upper

91 100

92 53.8 27.2 81.6

134 27.0 13.4 40.1

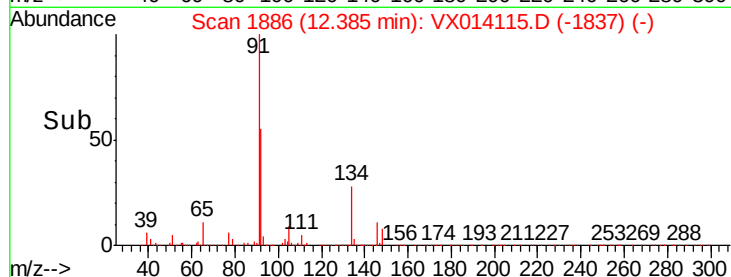


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

Time-->



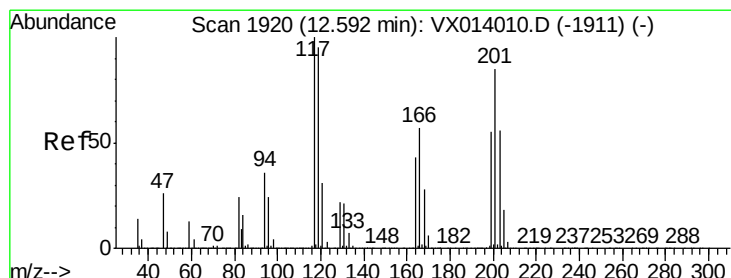
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

Time-->



#90

Hexachloroethane

Concen: 19.303 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014115.D

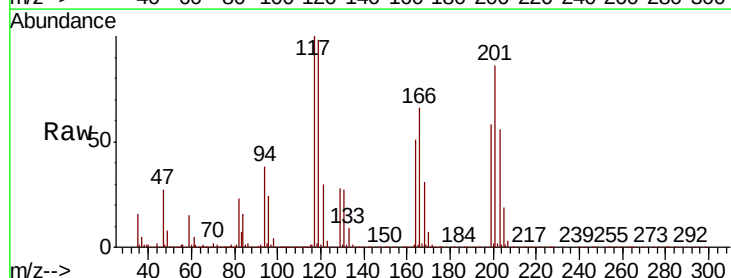
Acq: 19 Dec 2019 12:35

Tgt Ion: 117 Resp: 77971

Ion Ratio Lower Upper

117 100

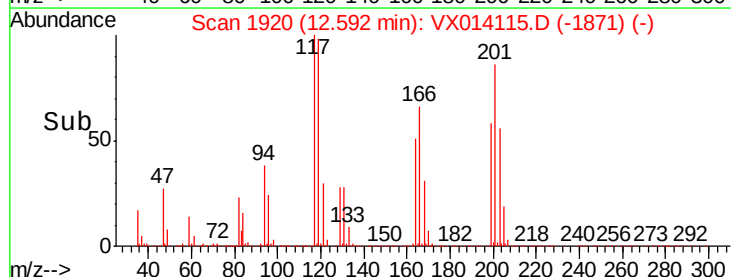
201 85.2 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

Time-->

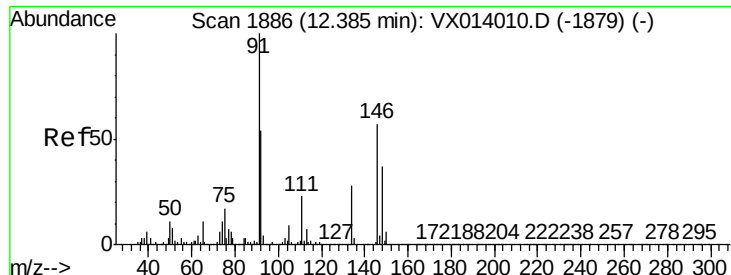


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

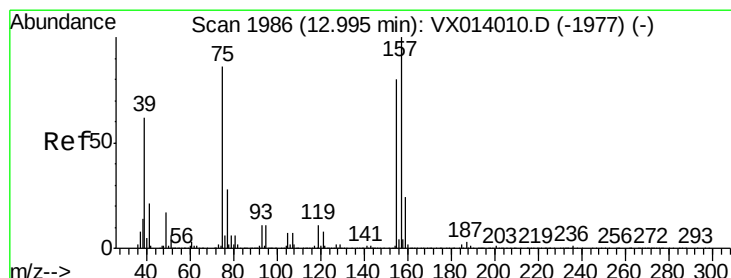
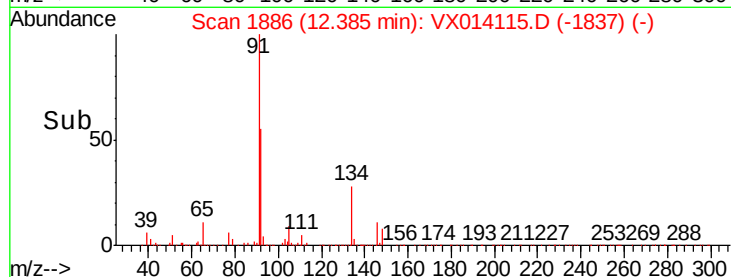
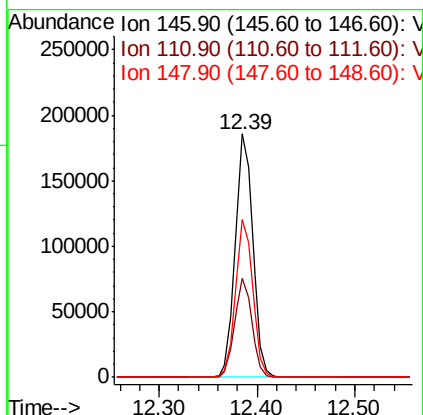
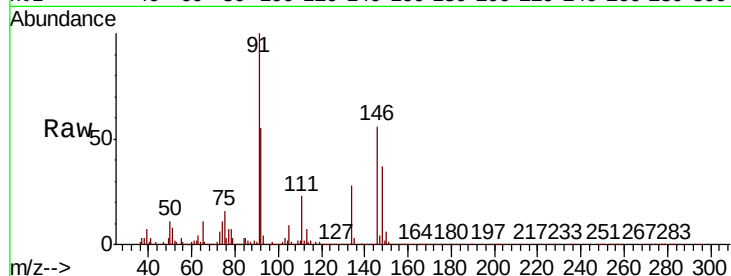
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

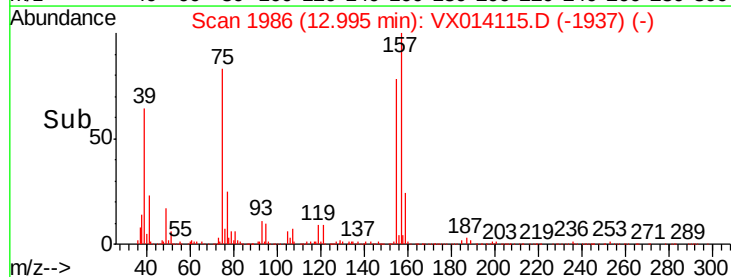
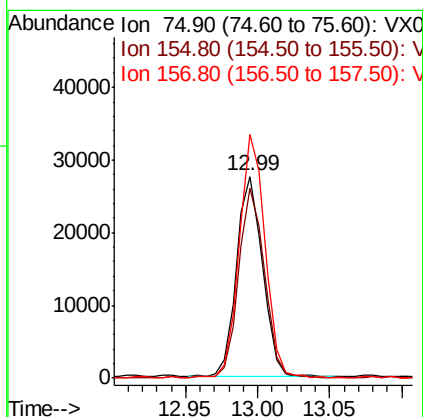
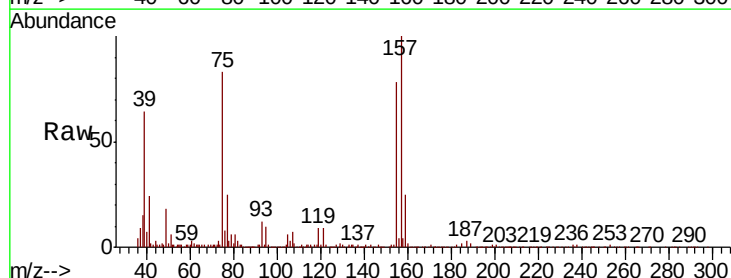
Instrument :
 MSVOA_X
 ClientSampleId :

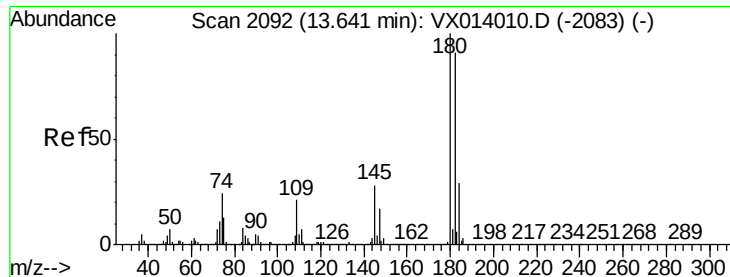
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	63.6	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.961 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	46.9	140.6
157	118.5	60.8	182.4

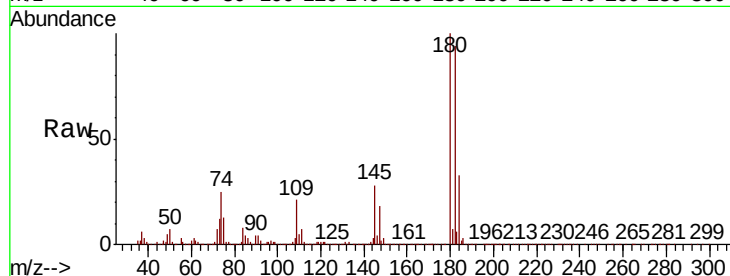




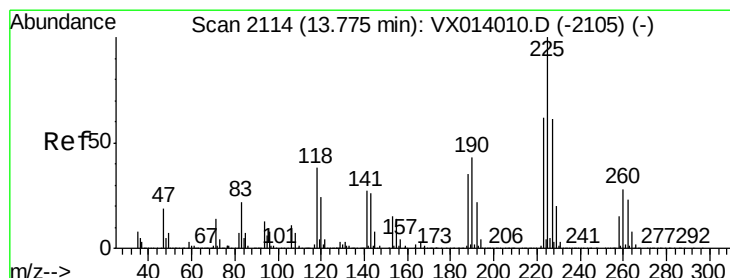
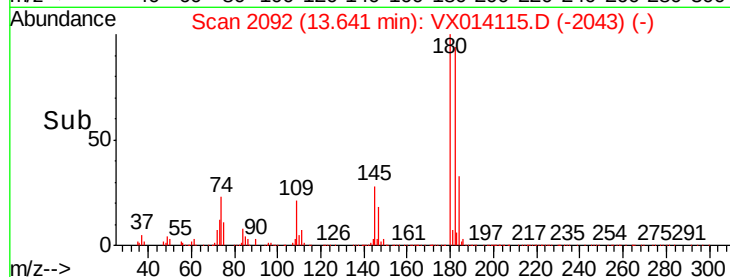
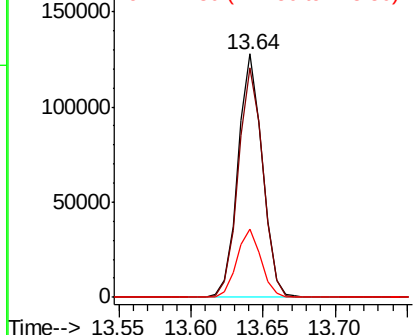
#93
 1,2,4-Trichlorobenzene
 Concen: 18.758 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.8
145	28.1	14.2	42.6

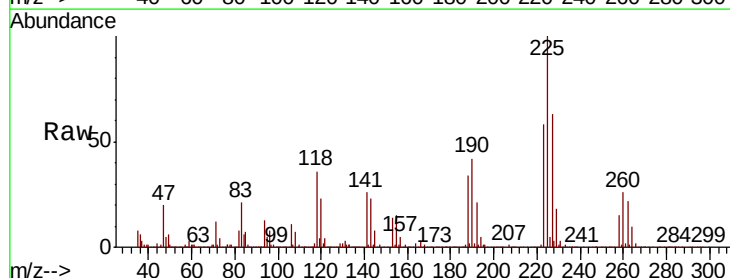


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

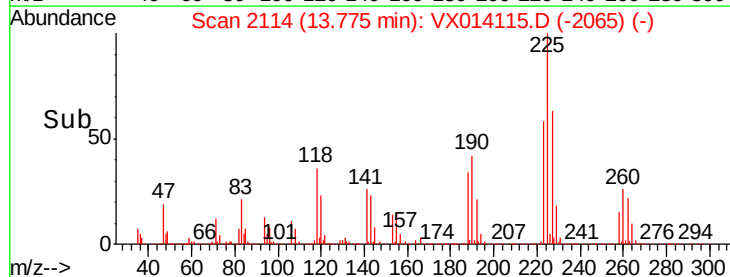
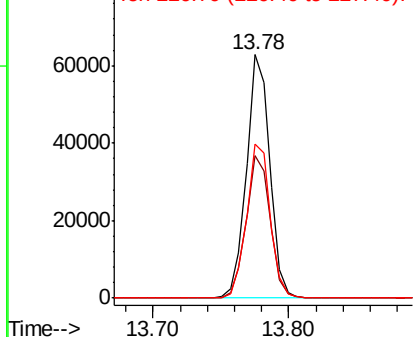


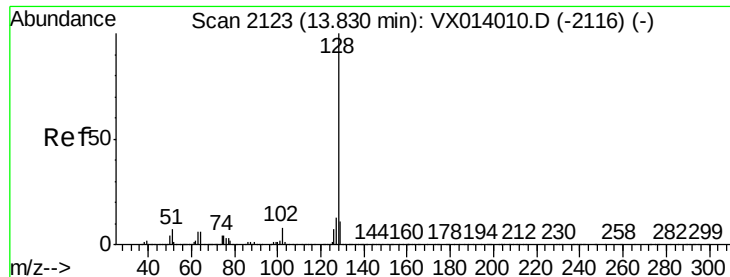
#94
 Hexachlorobutadiene
 Concen: 19.548 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014115.D
 Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.9	92.5
227	64.5	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

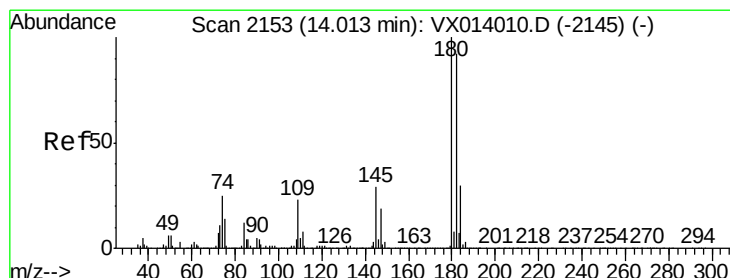
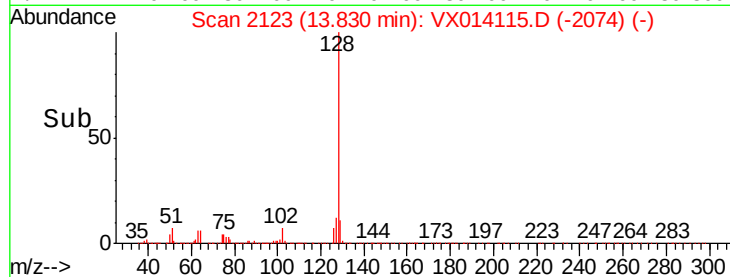
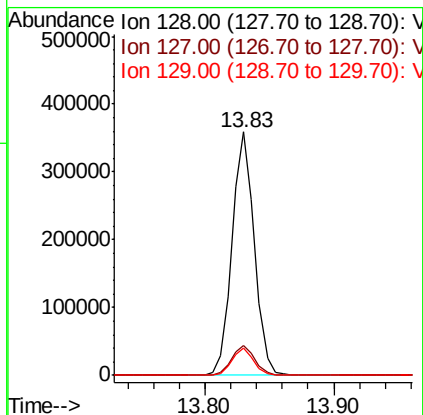
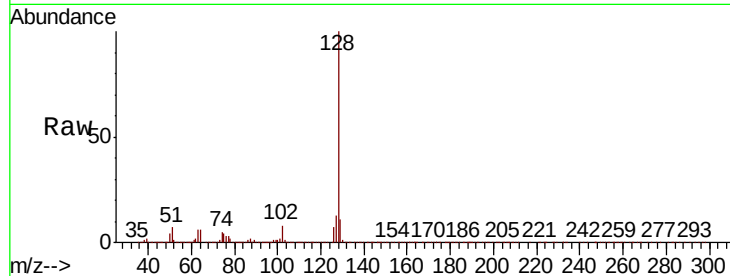




#95
Naphthalene
Concen: 18.384 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.987 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014115.D
Acq: 19 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.8	140.3
145	30.9	14.8	44.4

