

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
 Data File : VX014914.D
 Acq On : 11 Feb 2020 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 12 05:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	685642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	647741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	258467	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	5.48	113	214240	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
50) Toluene-d8	8.71	98	811198	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	299268	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	233159	52.680	ug/l	99
3) Chloromethane	1.32	50	245172	48.860	ug/l	99
4) Vinyl Chloride	1.40	62	264208	48.878	ug/l	98
5) Bromomethane	1.64	94	163403	46.701	ug/l	97
6) Chloroethane	1.72	64	161983	46.833	ug/l	99
7) Trichlorofluoromethane	1.92	101	369110	48.874	ug/l	100
8) Diethyl Ether	2.18	74	145667	46.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215485	49.154	ug/l	98
10) Methyl Iodide	2.50	142	243794	49.895	ug/l	99
11) Tert butyl alcohol	3.02	59	212210	227.870	ug/l	99
12) 1,1-Dichloroethene	2.37	96	209277	48.854	ug/l	97
13) Acrolein	2.28	56	149814	211.070	ug/l	100
14) Allyl chloride	2.72	41	357673	47.094	ug/l	99
15) Acrylonitrile	3.12	53	555865	235.450	ug/l	99
16) Acetone	2.43	43	465532	160.391	ug/l	100
17) Carbon Disulfide	2.56	76	569675	47.596	ug/l	100
18) Methyl Acetate	2.76	43	249622	46.991	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	685268	49.153	ug/l	98
20) Methylene Chloride	2.84	84	231156	45.558	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	223694	47.325	ug/l	99
22) Diisopropyl ether	3.84	45	709403	48.905	ug/l	95
23) Vinyl Acetate	3.80	43	2962011	247.705	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394799	48.224	ug/l	99
25) 2-Butanone	4.65	43	749719	208.787	ug/l	100
26) 2,2-Dichloropropane	4.57	77	333353	47.249	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	256248	48.497	ug/l	98
28) Bromochloromethane	5.00	49	153624	48.412	ug/l	98
29) Tetrahydrofuran	5.11	42	483934	237.075	ug/l	99
30) Chloroform	5.19	83	395392	48.679	ug/l	98
31) Cyclohexane	5.57	56	358302	48.052	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	345278	48.596	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307596	50.152	ug/l	99
37) Ethyl Acetate	4.81	43	305120	47.698	ug/l	100
38) Carbon Tetrachloride	5.77	117	301944	50.517	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	383832	50.040	ug/l	98
40) Benzene	6.13	78	896061	48.898	ug/l	99
41) Methacrylonitrile	5.01	41	174409	50.610	ug/l	99
42) 1,2-Dichloroethane	6.18	62	319387	48.222	ug/l	100
43) Isopropyl Acetate	6.42	43	515657	48.866	ug/l	99
44) Trichloroethene	7.20	130	262414	49.328	ug/l	100
45) 1,2-Dichloropropane	7.50	63	230564	49.334	ug/l	100
46) Dibromomethane	7.65	93	156524	48.997	ug/l	98
47) Bromodichloromethane	7.89	83	313223	49.450	ug/l	99
48) Methyl methacrylate	7.76	41	255230	49.147	ug/l	99
49) 1,4-Dioxane	7.72	88	93356	961.466	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1546021	242.633	ug/l	100
52) Toluene	8.78	92	579004	49.747	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	347597	50.073	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	379521	49.489	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	229391	48.714	ug/l	99
56) Ethyl methacrylate	9.17	69	361832	51.121	ug/l	99
57) 1,3-Dichloropropane	9.36	76	386045	48.702	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	897639	242.498	ug/l	100
59) 2-Hexanone	9.48	43	1156882	230.990	ug/l	99
60) Dibromochloromethane	9.57	129	257365	50.787	ug/l	98
61) 1,2-Dibromoethane	9.67	107	244509	48.124	ug/l	100
64) Tetrachloroethene	9.33	164	299920	49.523	ug/l	99
65) Chlorobenzene	10.13	112	633590	48.226	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	235097	49.290	ug/l	100
67) Ethyl Benzene	10.25	91	1114365	49.874	ug/l	99
68) m/p-Xylenes	10.36	106	860501	99.972	ug/l	99
69) o-Xylene	10.69	106	409354	49.474	ug/l	100
70) Styrene	10.71	104	714734	51.061	ug/l	100
71) Bromoform	10.85	173	201026	50.494	ug/l	99
73) Isopropylbenzene	11.01	105	1106861	50.194	ug/l	99
74) N-amyl acetate	10.89	43	459758	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	333896	46.320	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	398661	62.694	ug/l	92
77) Bromobenzene	11.25	156	295593	48.026	ug/l	97
78) n-propylbenzene	11.35	91	1278626	50.132	ug/l	99
79) 2-Chlorotoluene	11.42	91	738732	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	923467	50.119	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	120417	48.473	ug/l	100
82) 4-Chlorotoluene	11.51	91	865485	48.742	ug/l	100
83) tert-Butylbenzene	11.76	119	870206	49.874	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	938793	50.558	ug/l	100
85) sec-Butylbenzene	11.94	105	1094516	50.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	1032037	50.880	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	538452	48.765	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	537851	47.700	ug/l	100
89) n-Butylbenzene	12.38	91	930006	51.195	ug/l	100
90) Hexachloroethane	12.59	117	176982	49.963	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	520278	48.048	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72980	43.154	ug/l	99

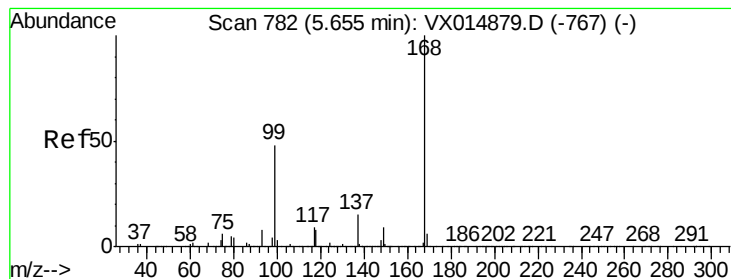
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
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QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	388924	48.662	ug/l	99
94) Hexachlorobutadiene	13.78	225	194725	50.372	ug/l	100
95) Naphthalene	13.83	128	1080060	50.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	384796	49.833	ug/l	100

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

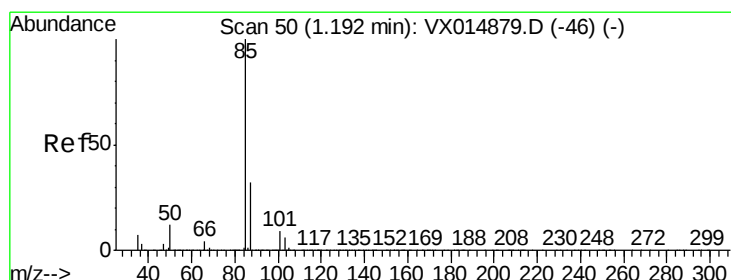
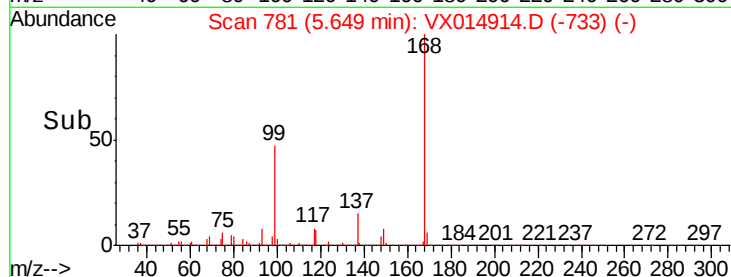
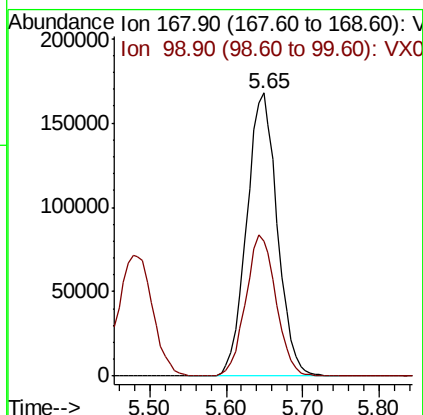
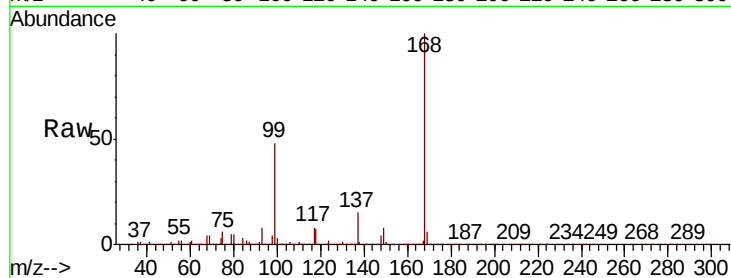


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

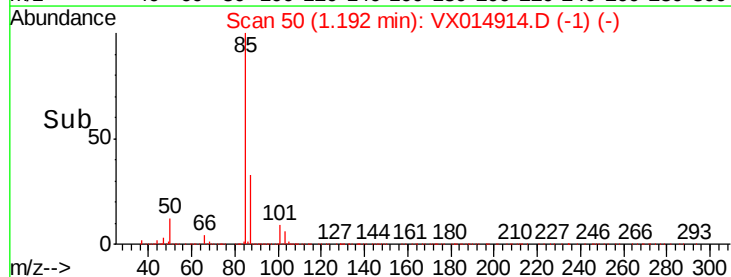
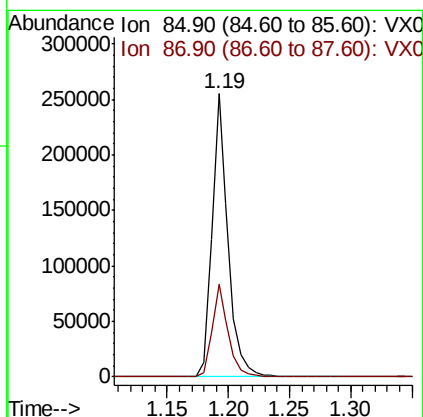
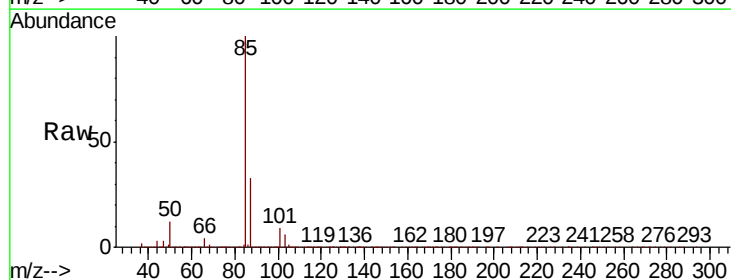
Tot Ion:168 Resp: 467353
 Ion Ratio Lower Upper
 168 100
 99 47.3 38.7 58.1

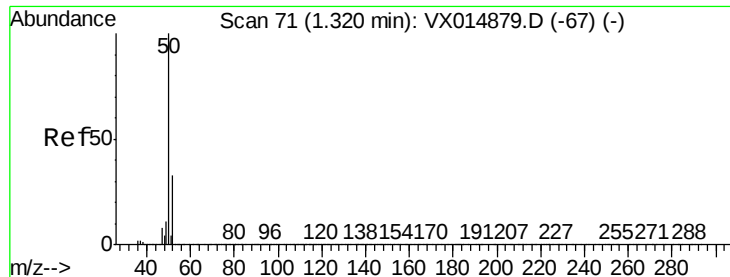


#2

Dichlorodifluoromethane
 Concen: 52.680 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion: 85 Resp: 233159
 Ion Ratio Lower Upper
 85 100
 87 32.7 16.1 48.2

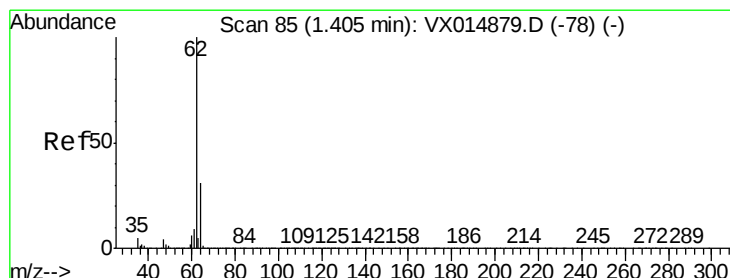
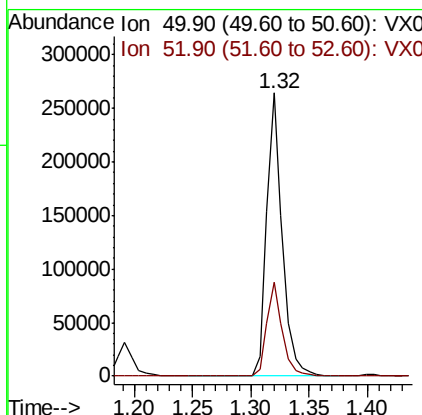
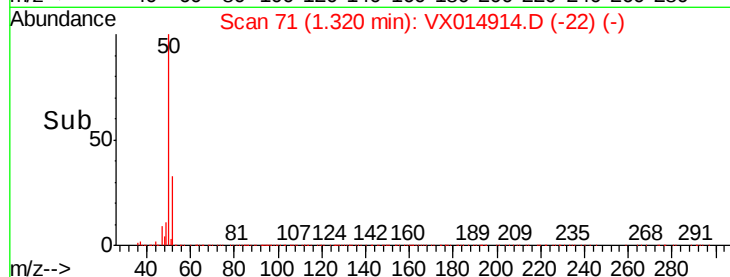
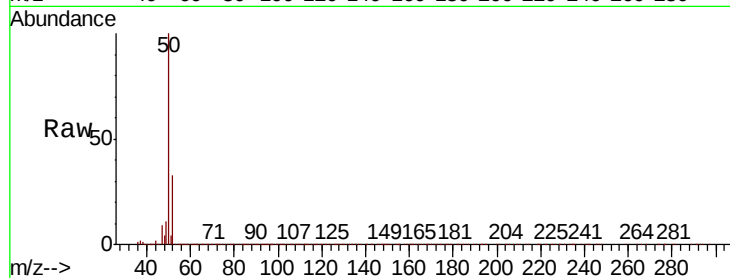




#3
Chloromethane
Concen: 48.860 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

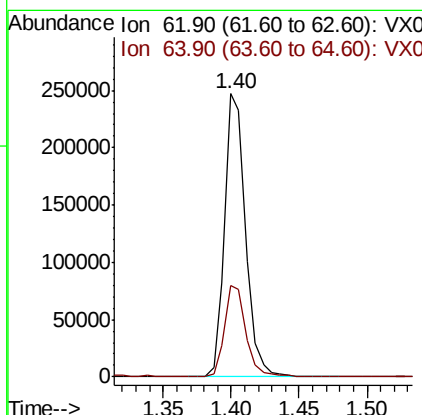
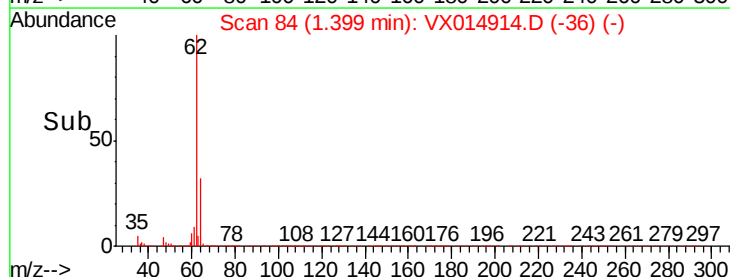
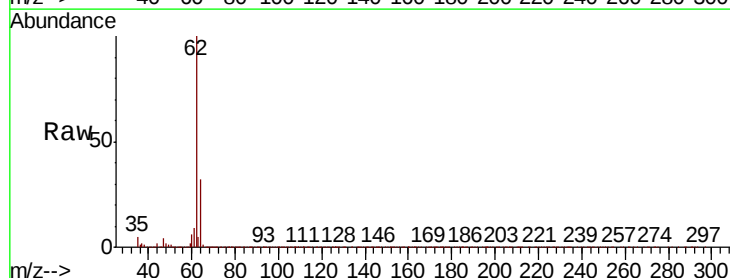
Instrument :
MSVOA_X
ClientSampleId :

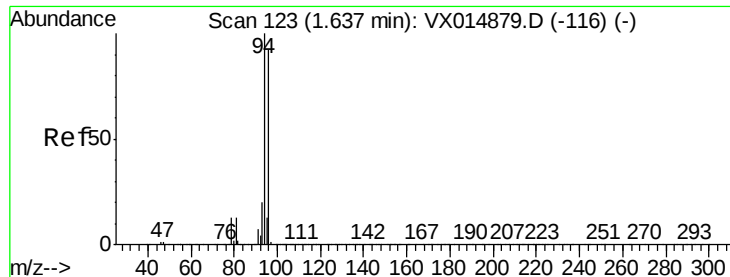
Tot Ion: 50 Resp: 245172
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.2



#4
Vinyl Chloride
Concen: 48.878 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 62 Resp: 264208
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2





#5

Bromomethane

Concen: 46.701 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

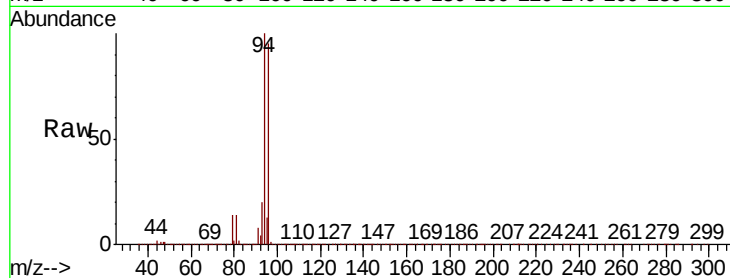
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 163403

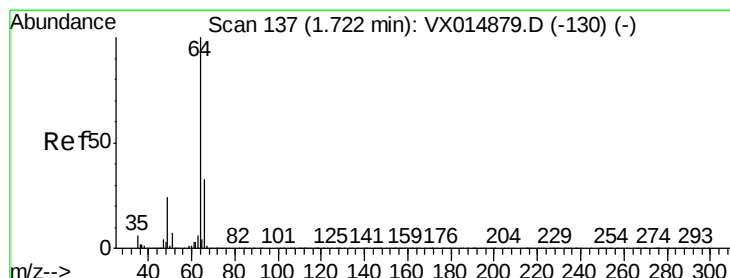
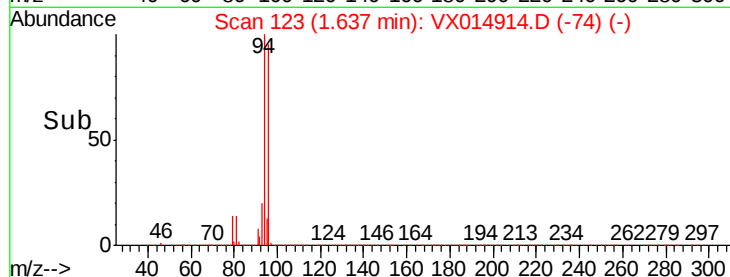
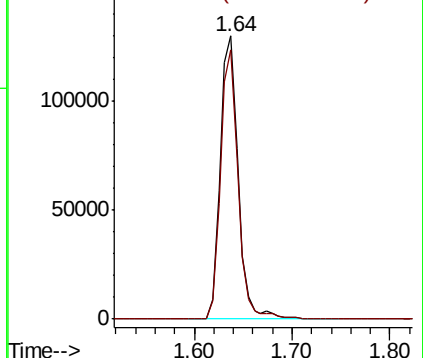
Ion Ratio Lower Upper

94 100

96 95.2 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0
Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.833 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014914.D

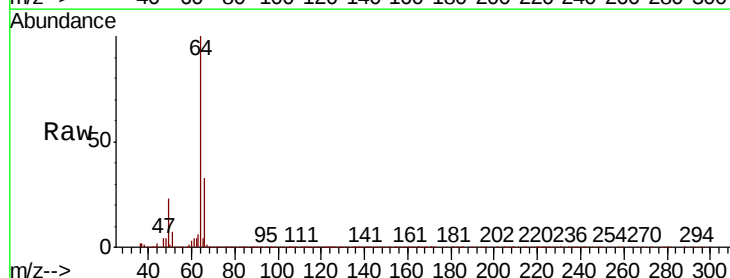
Acq: 11 Feb 2020 16:25

Tgt Ion: 64 Resp: 161983

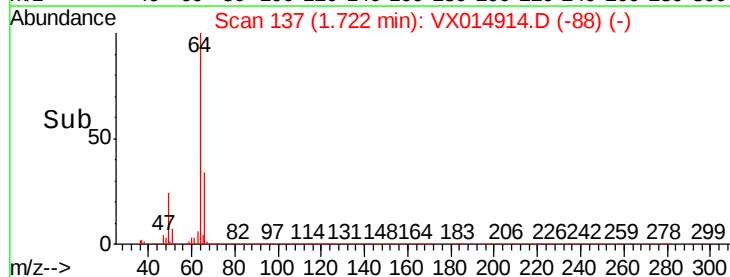
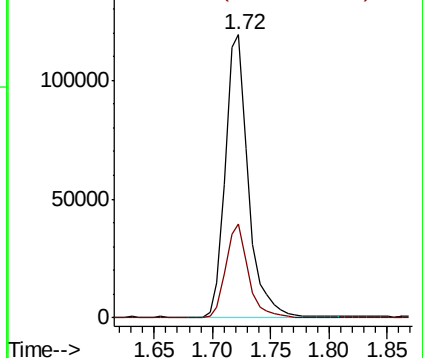
Ion Ratio Lower Upper

64 100

66 33.3 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



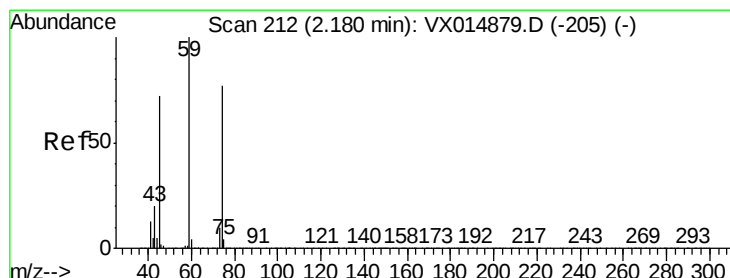
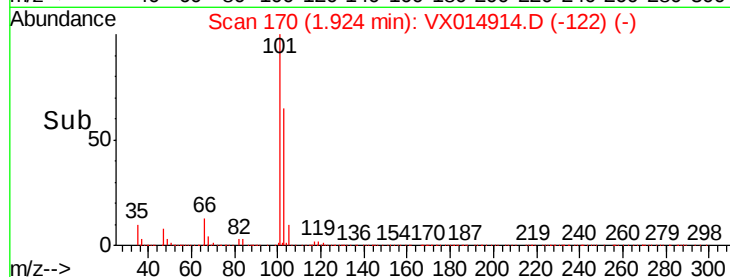
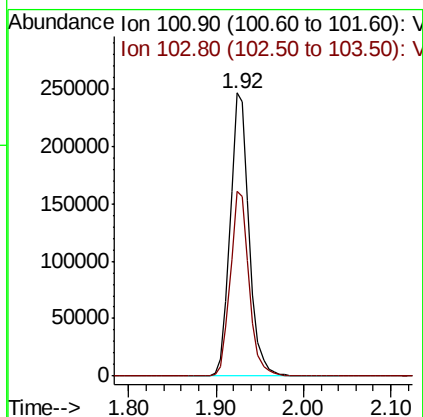
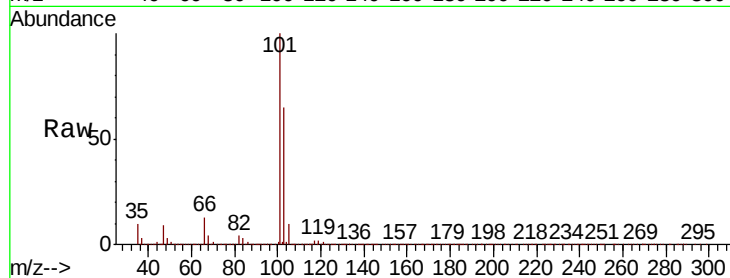


#7

Trichlorofluoromethane
Concen: 48.874 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

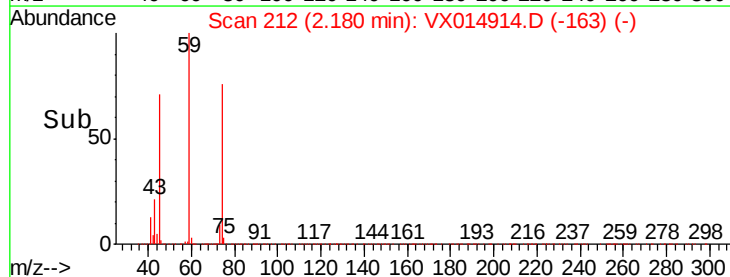
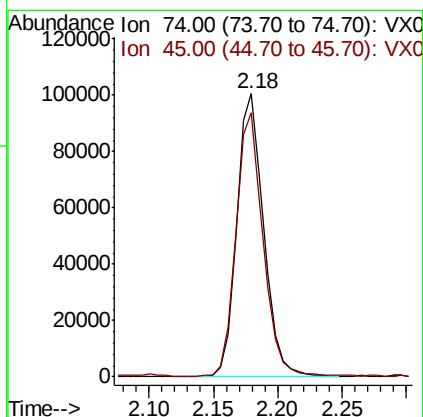
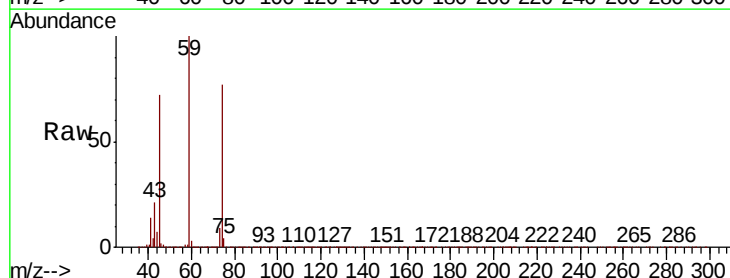
Tot Ion:101 Resp: 369110
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

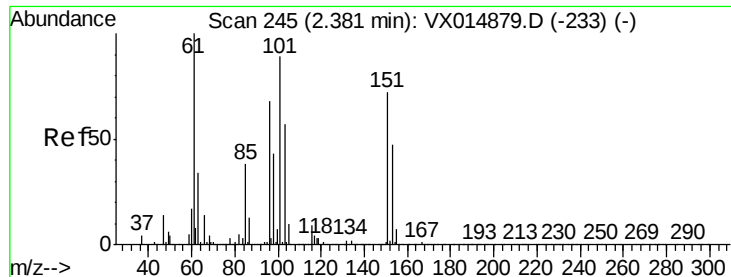


#8

Diethyl Ether
Concen: 46.512 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 74 Resp: 145667
Ion Ratio Lower Upper
74 100
45 93.2 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.154 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampled :

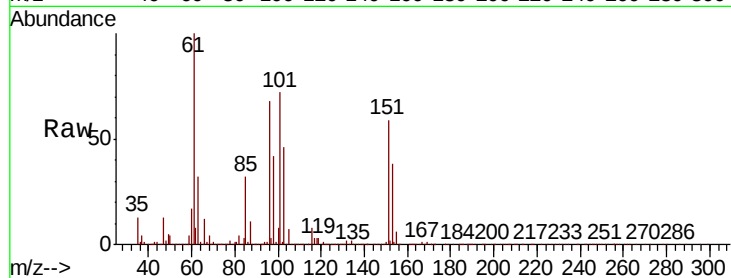
Tot Ion:101 Resp: 215485

Ion Ratio Lower Upper

101 100

85 40.9 34.1 51.1

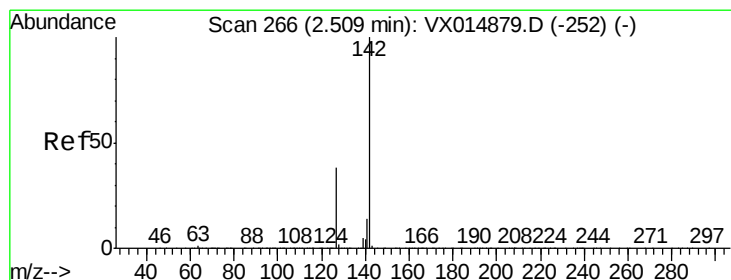
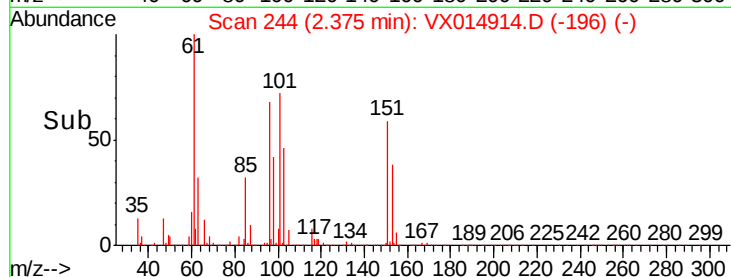
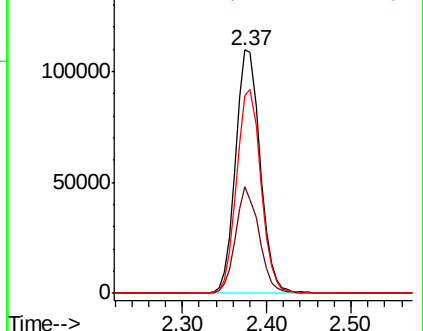
151 83.0 67.3 100.9



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: 49.895 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

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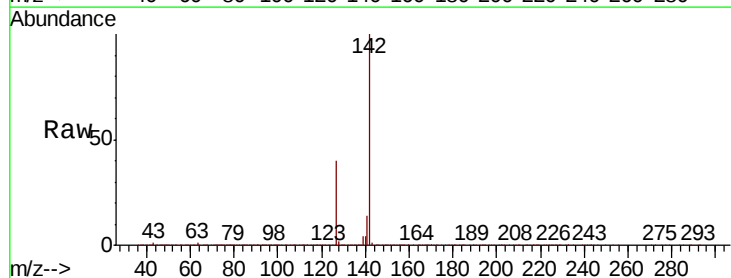
Tgt Ion:142 Resp: 243794

Ion Ratio Lower Upper

142 100

127 39.3 31.1 46.7

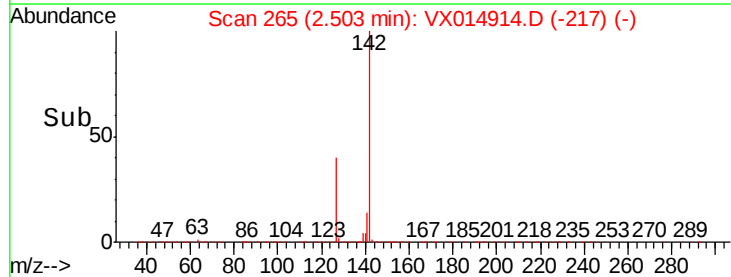
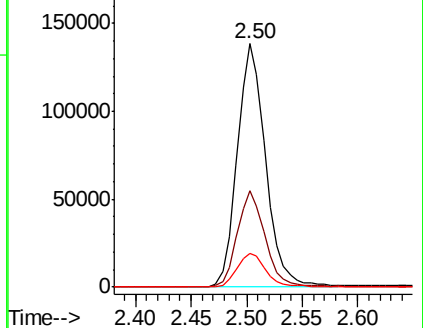
141 14.5 11.3 16.9

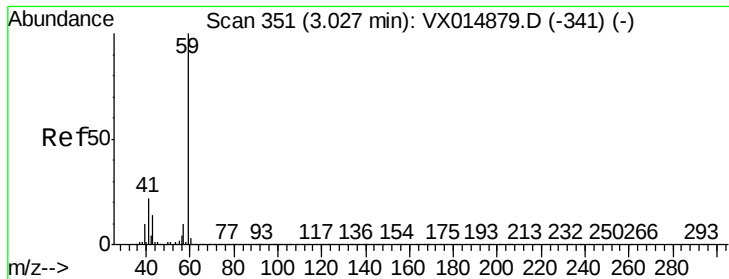


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



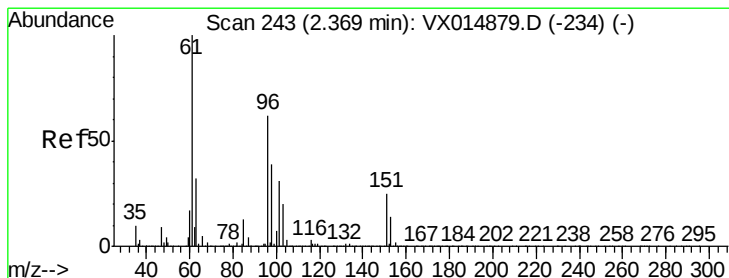
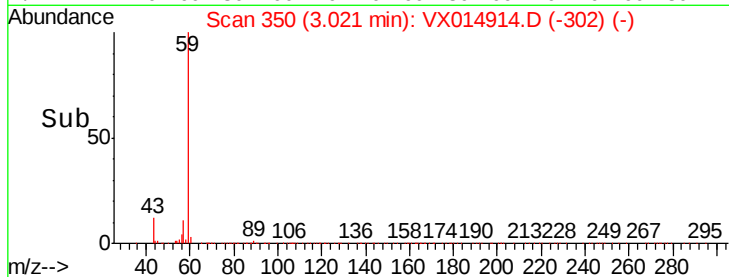
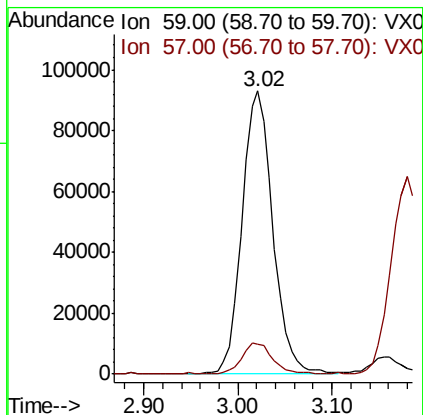
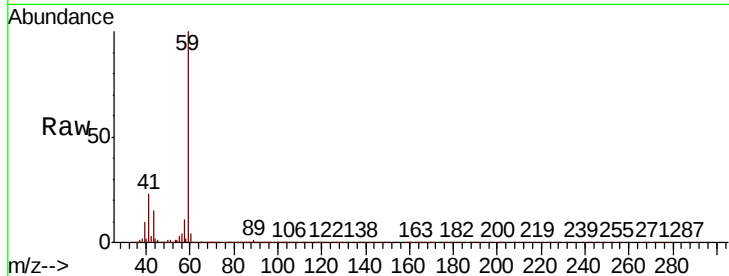


#11

Tert butyl alcohol
 Concen: 227.870 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampled :

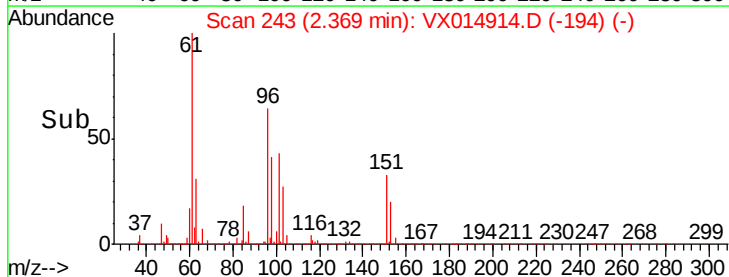
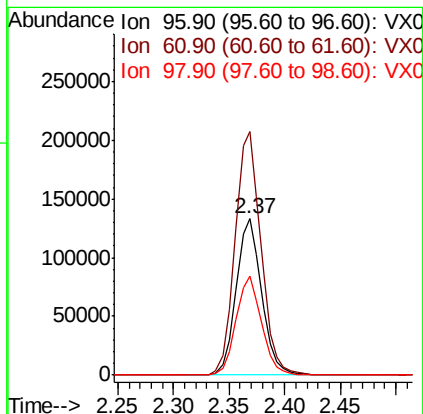
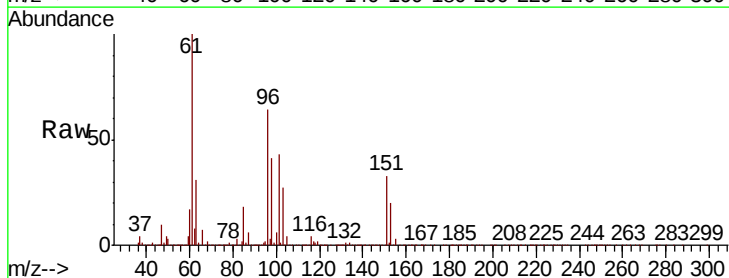
Tot Ion: 59 Resp: 212210
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.2 12.4

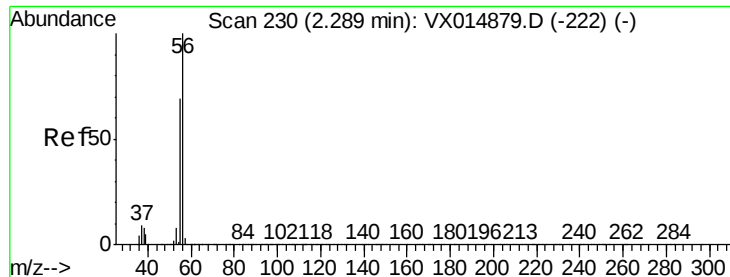


#12

1,1-Dichloroethene
 Concen: 48.854 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion: 96 Resp: 209277
 Ion Ratio Lower Upper
 96 100
 61 155.9 129.5 194.3
 98 63.5 50.6 76.0

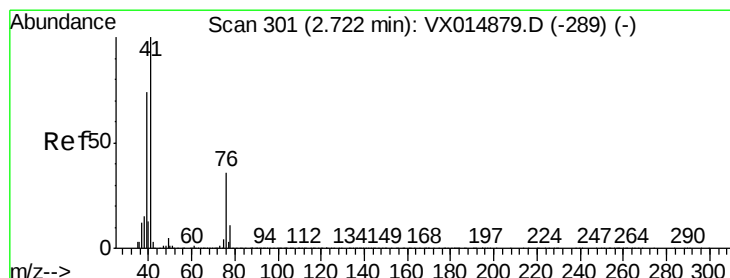
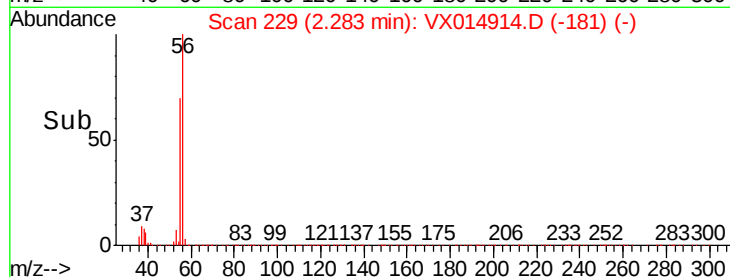
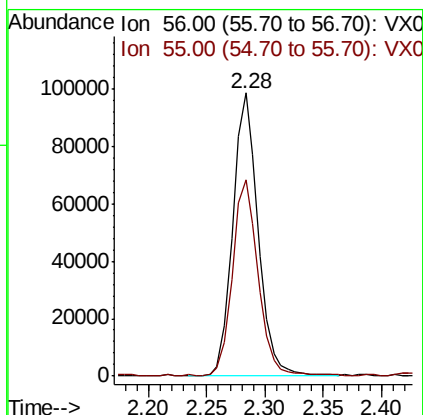
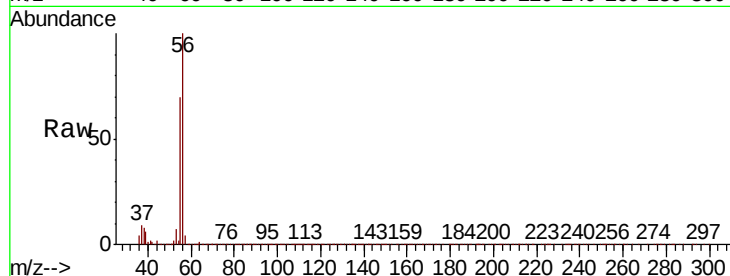




#13
Acrolein
Concen: 211.070 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

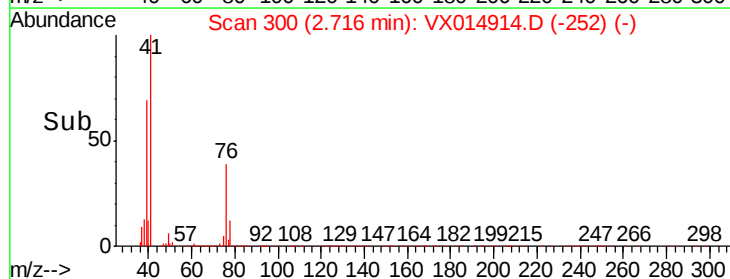
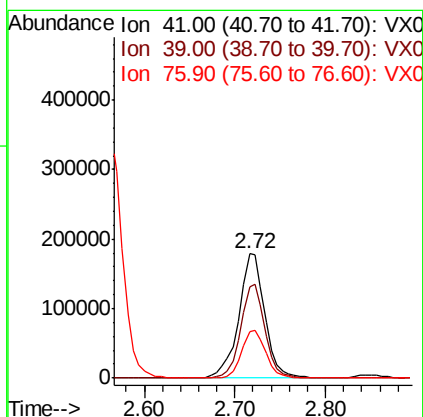
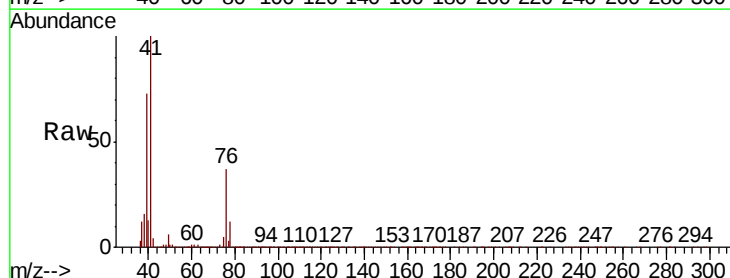
Instrument :
MSVOA_X
ClientSampled :

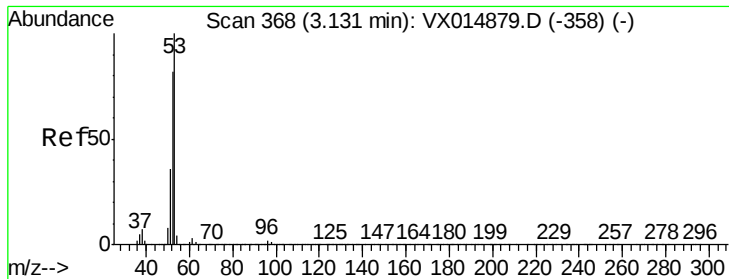
Tot Ion: 56 Resp: 149814
Ion Ratio Lower Upper
56 100
55 69.0 55.0 82.4



#14
Allyl chloride
Concen: 47.094 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 41 Resp: 357673
Ion Ratio Lower Upper
41 100
39 69.3 55.2 82.8
76 34.6 26.8 40.2





#15

Acrylonitrile

Concen: 235.450 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

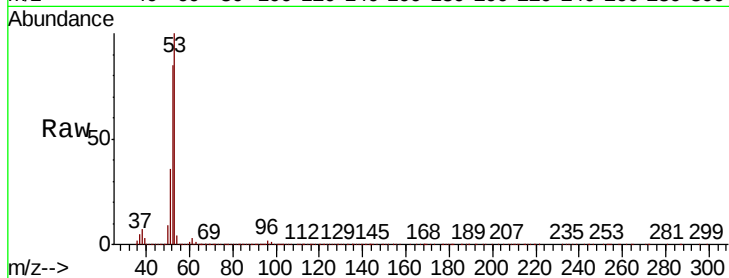
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 555865

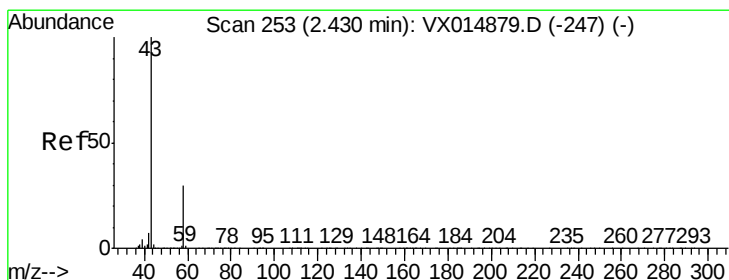
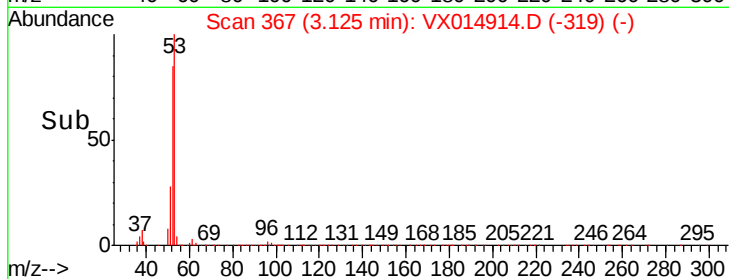
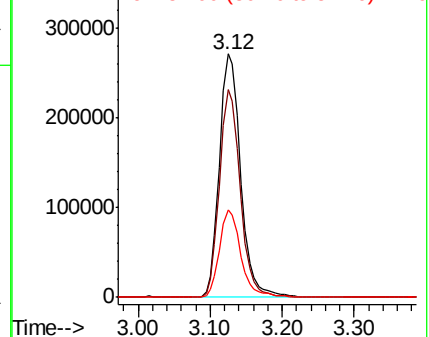
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.8	98.6
51	35.8	29.1	43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 160.391 ug/l

RT: 2.43 min Scan# 253

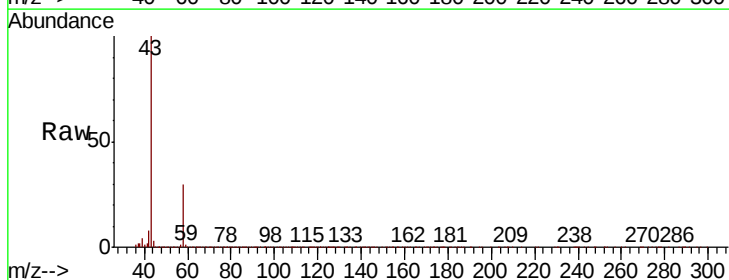
Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

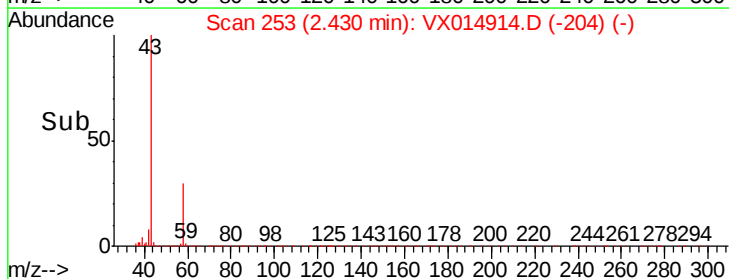
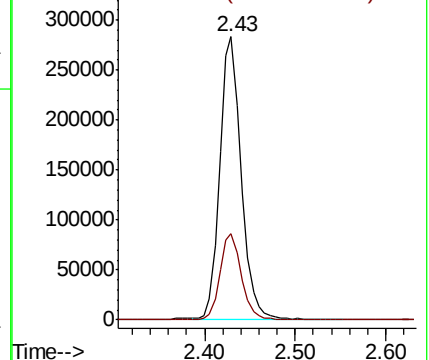
Tgt Ion: 43 Resp: 465532

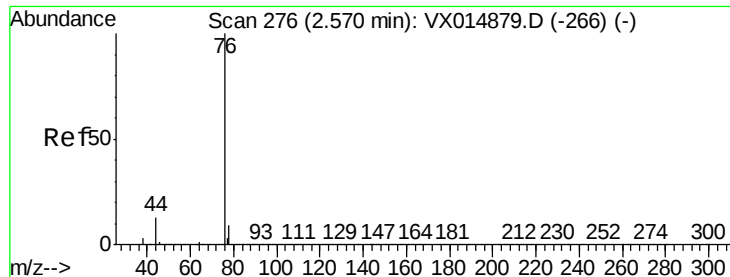
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.1	36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

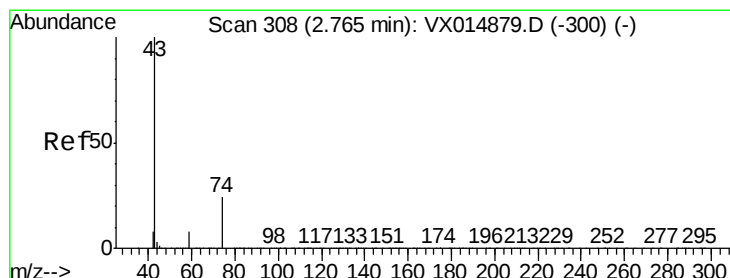
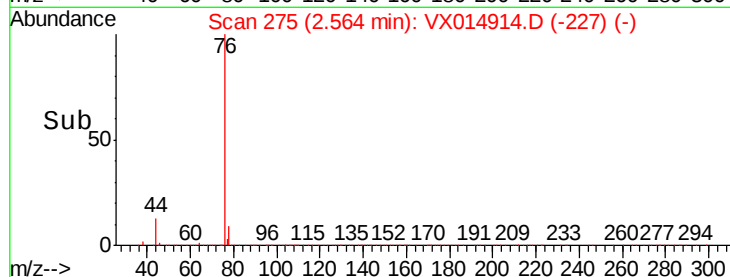
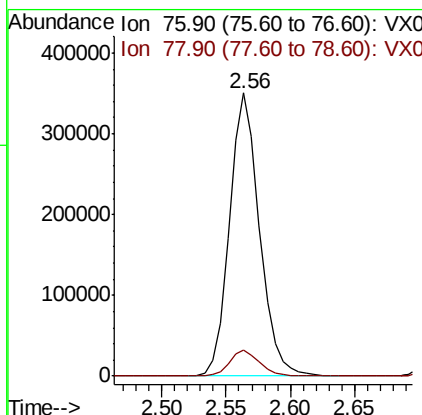
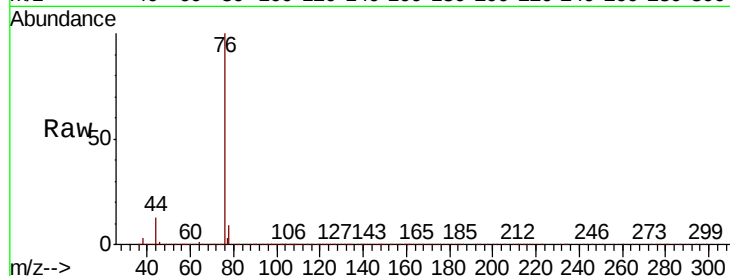




#17
Carbon Disulfide
Concen: 47.596 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

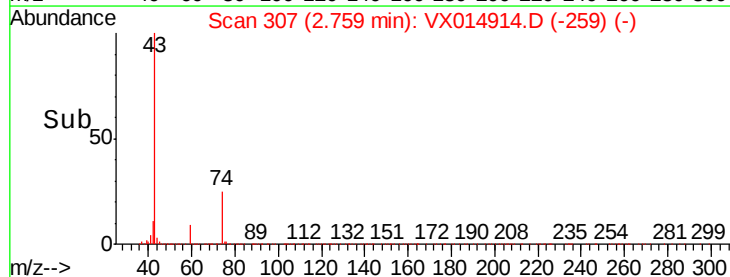
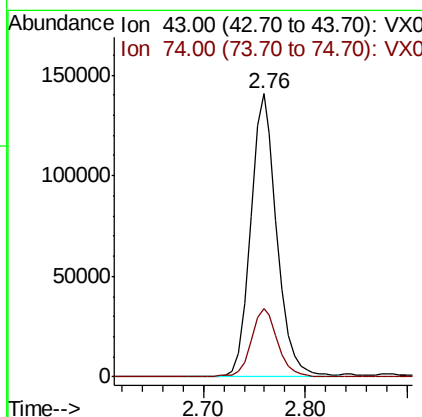
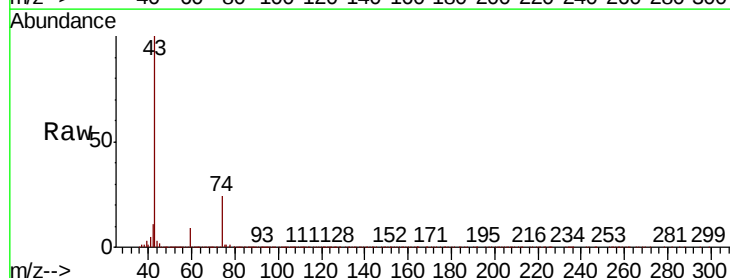
Instrument :
MSVOA_X
ClientSampleId :

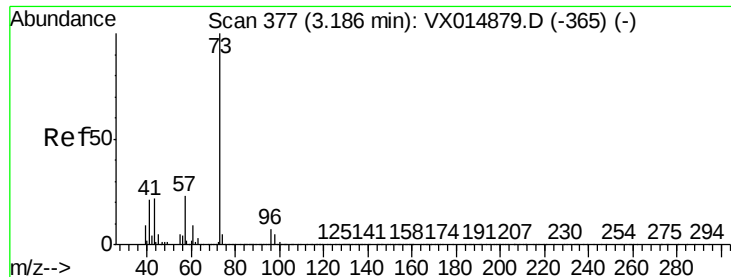
Tot Ion: 76 Resp: 569675
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 46.991 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 43 Resp: 249622
Ion Ratio Lower Upper
43 100
74 24.7 19.4 29.0

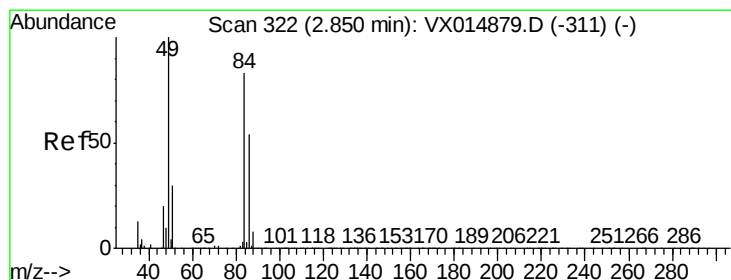
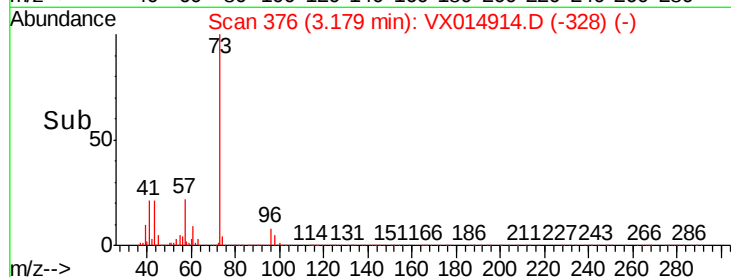
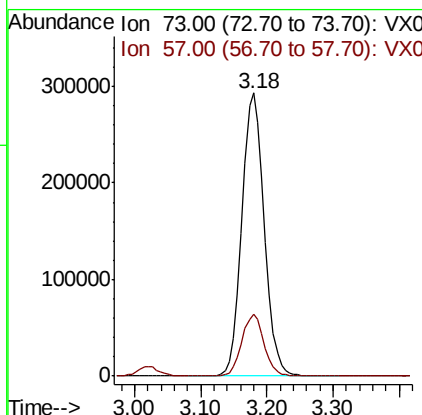
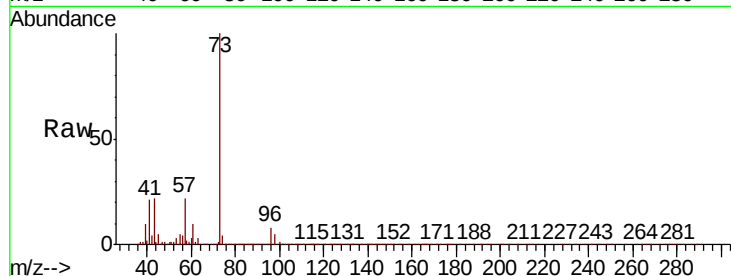




#19
Methvl tert-butvl Ether
Concen: 49.153 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

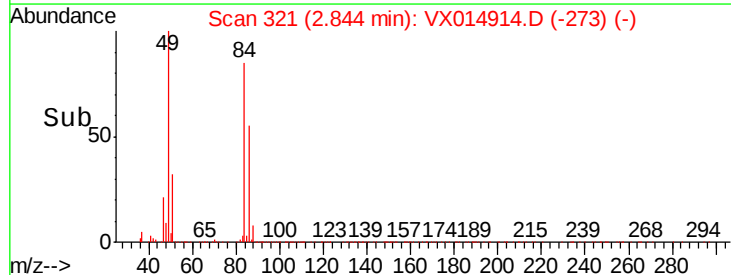
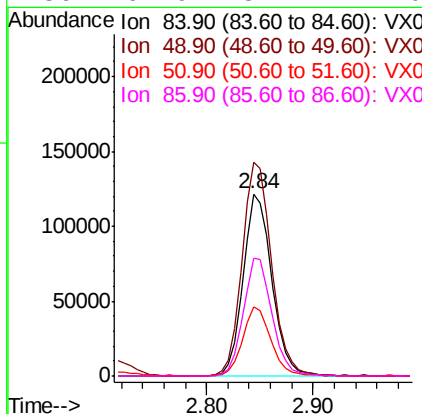
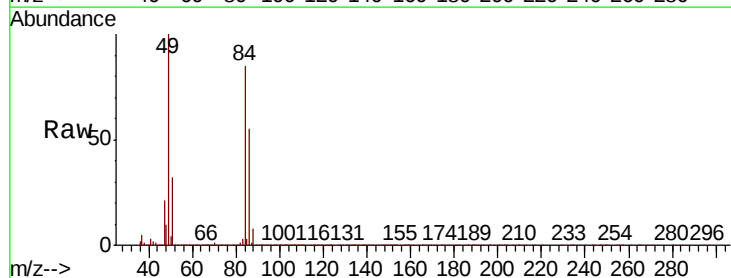
Instrument :
MSVOA_X
ClientSampleId :

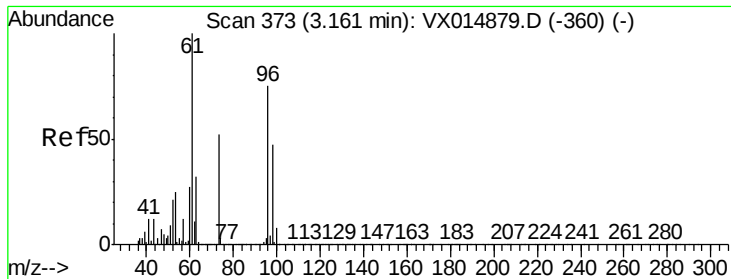
Tot Ion: 73 Resp: 685268
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 45.558 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 84 Resp: 231156
Ion Ratio Lower Upper
84 100
49 117.3 95.6 143.4
51 37.9 29.0 43.6
86 64.9 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.325 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

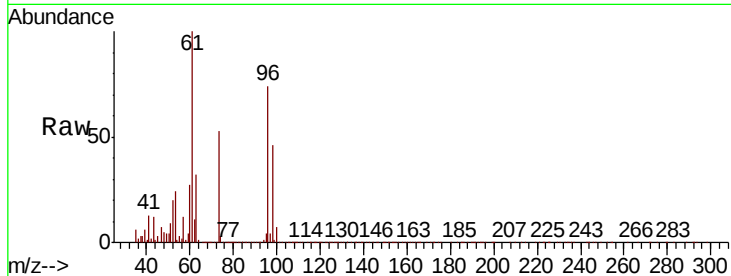
Tot Ion: 96 Resp: 223694

Ion Ratio Lower Upper

96 100

61 135.3 106.9 160.3

98 62.3 50.7 76.1



Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

200000

150000

100000

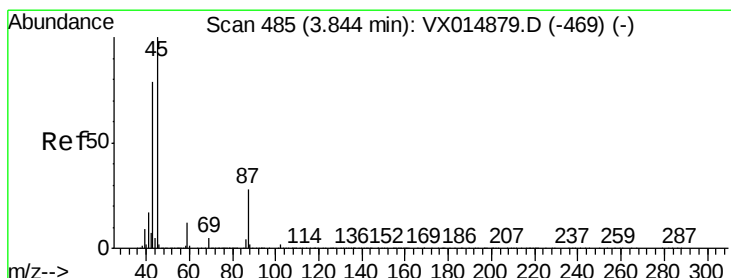
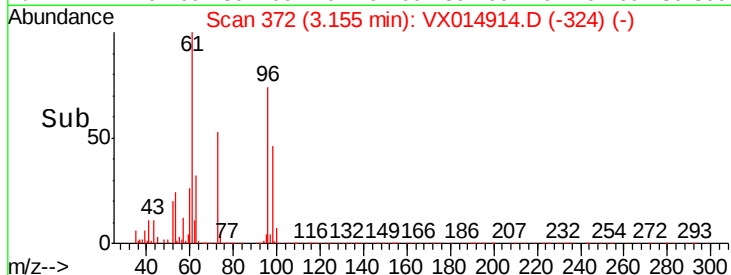
50000

0

3.16

3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 48.905 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion: 45 Resp: 709403

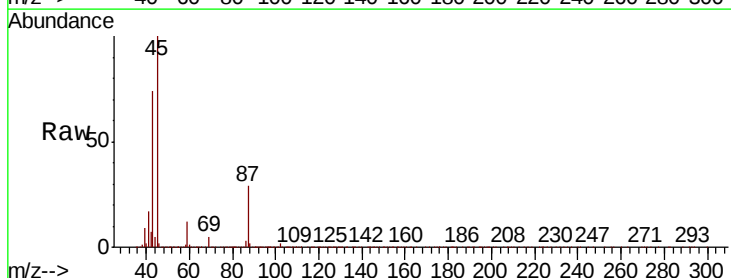
Ion Ratio Lower Upper

45 100

43 73.4 63.5 95.3

87 29.1 22.2 33.4

59 11.8 9.4 14.0



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

1500000

1000000

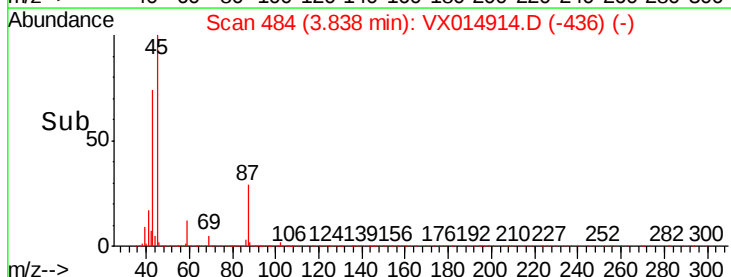
500000

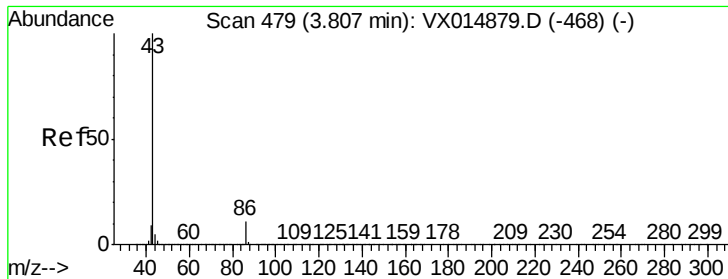
0

3.84

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 247.705 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

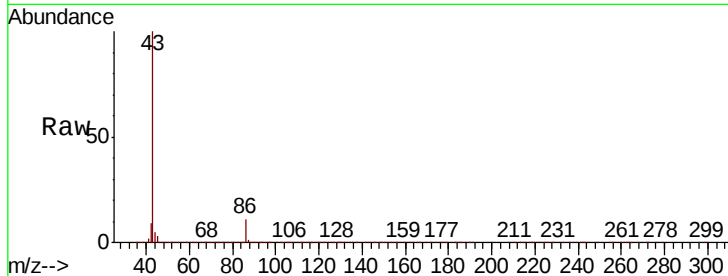
ClientSampleId :

Tot Ion: 43 Resp: 2962011

Ion Ratio Lower Upper

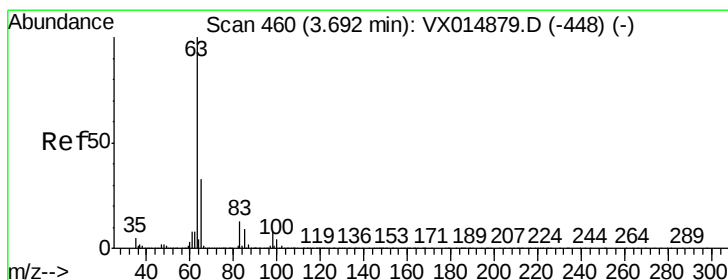
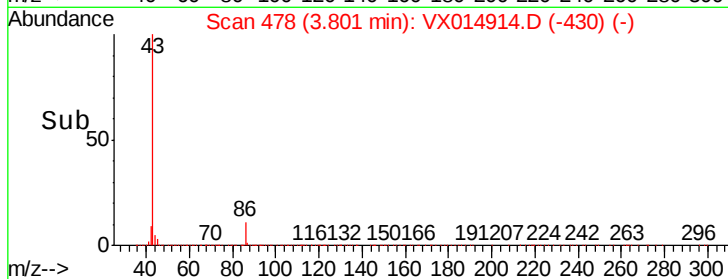
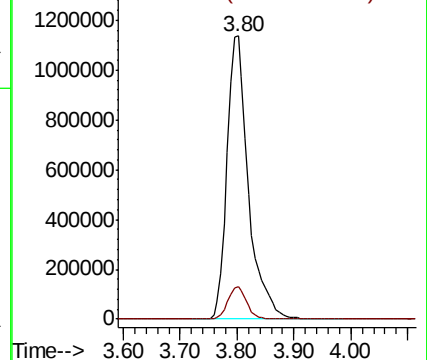
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.224 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

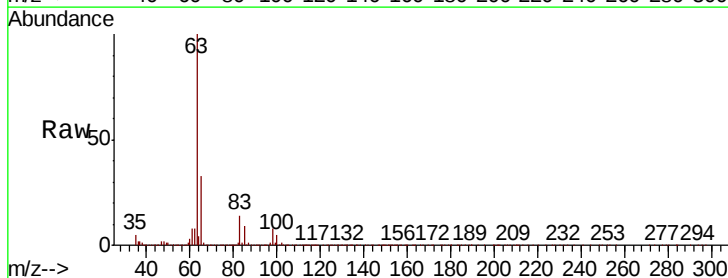
Tgt Ion: 63 Resp: 394799

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

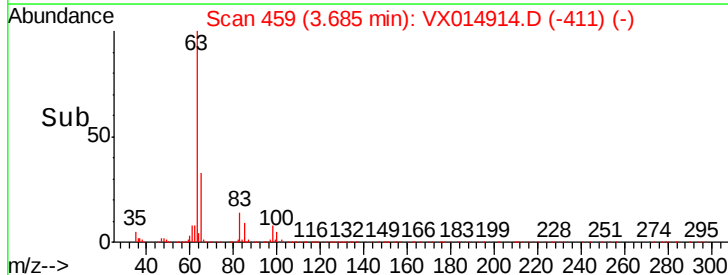
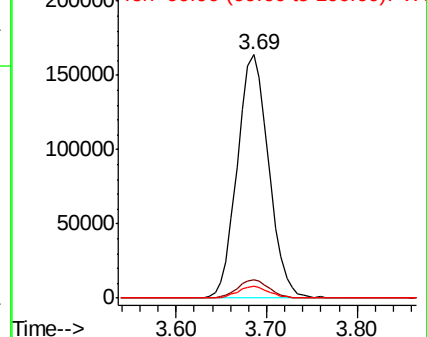
100 4.7 2.2 6.6

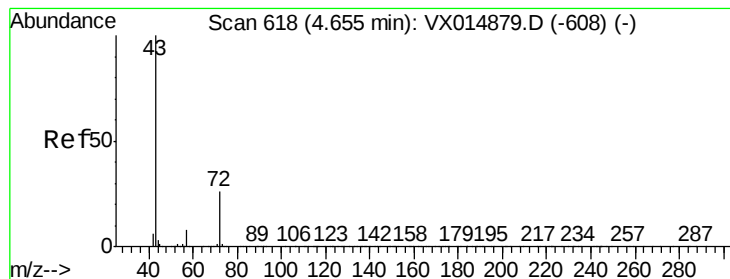


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 208.787 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

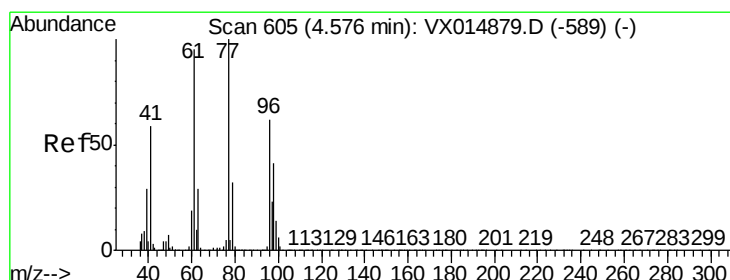
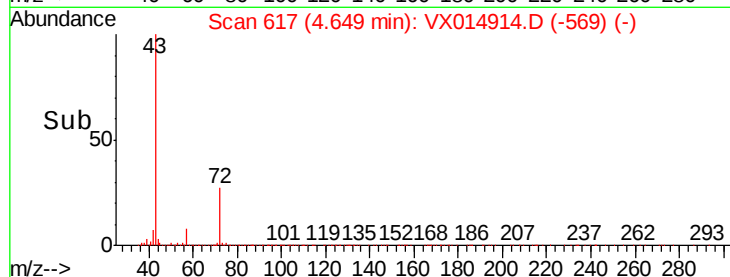
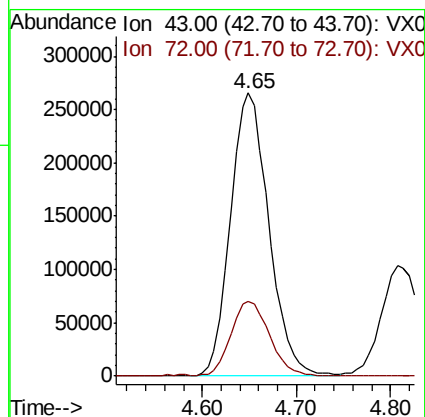
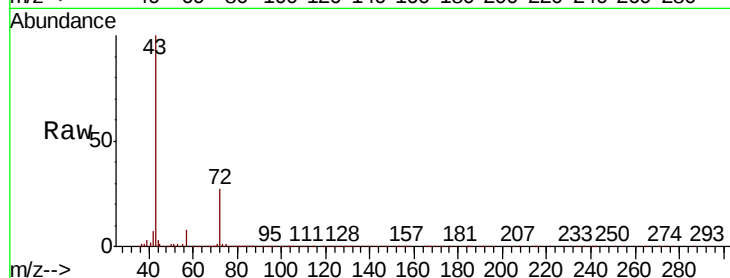
ClientSampled :

Tot Ion: 43 Resp: 749719

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 47.249 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014914.D

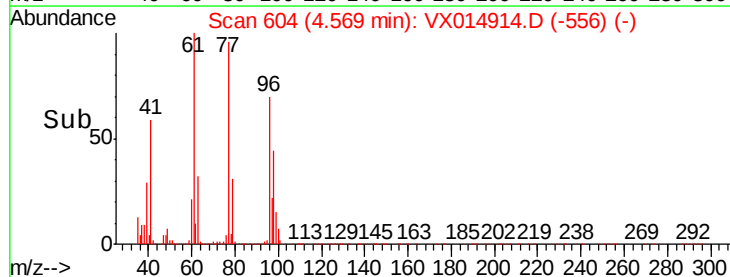
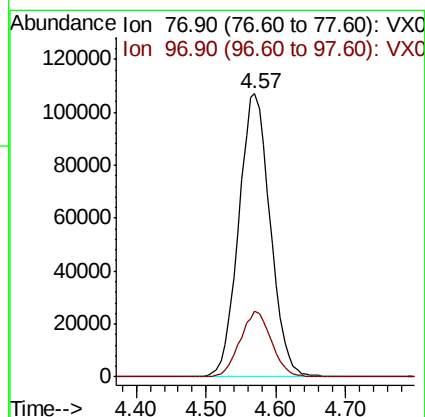
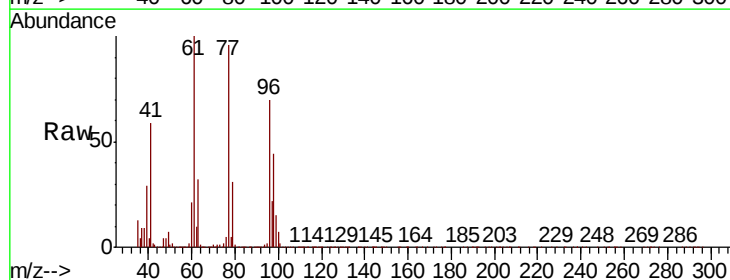
Acq: 11 Feb 2020 16:25

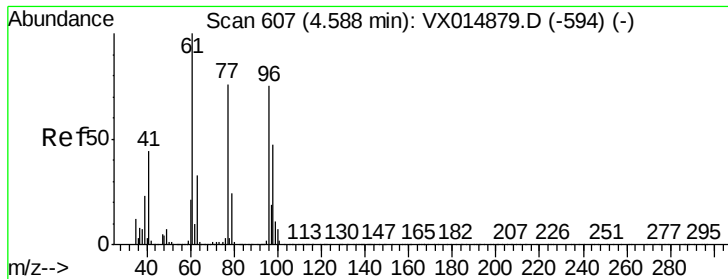
Tgt Ion: 77 Resp: 333353

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5



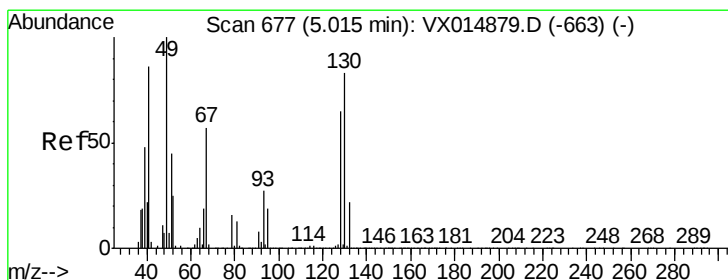
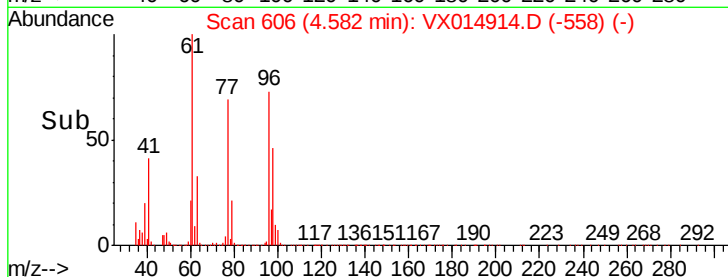
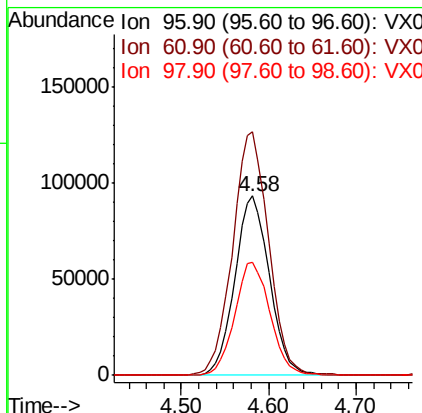
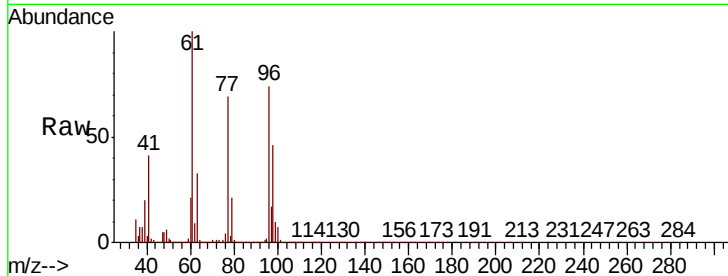


#27

cis-1,2-Dichloroethene
Concen: 48.497 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

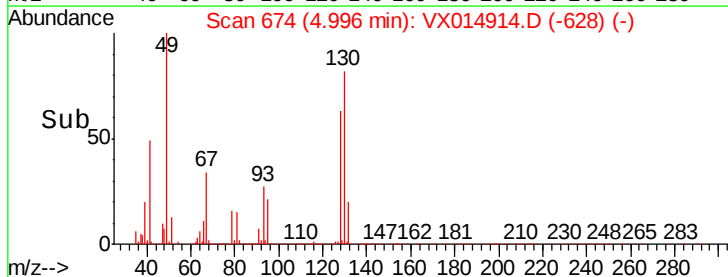
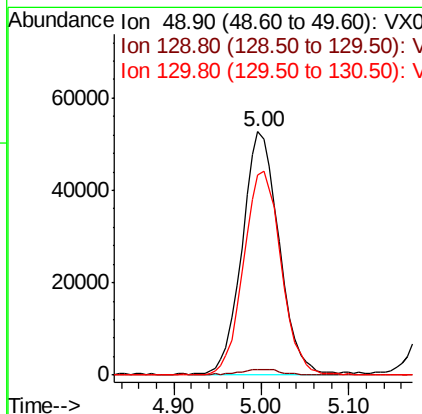
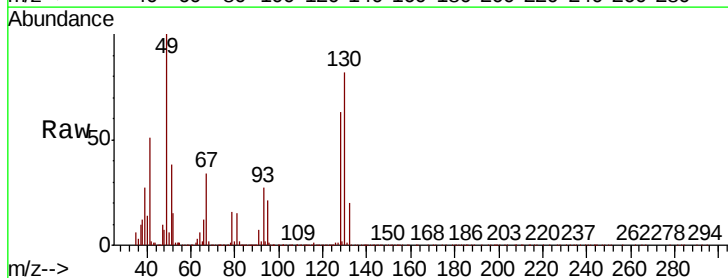
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	286.2
98	64.0	0.0	131.0

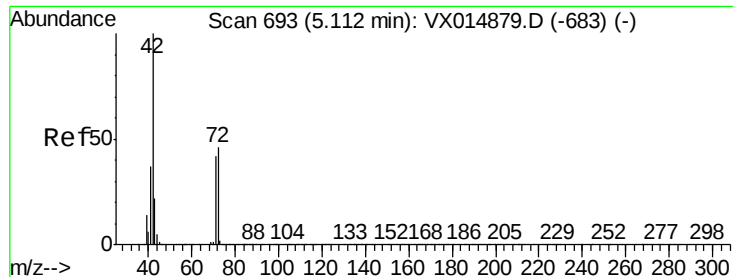


#28

Bromochloromethane
Concen: 48.412 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	85.7	67.4	101.2





#29

Tetrahydrofuran

Concen: 237.075 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

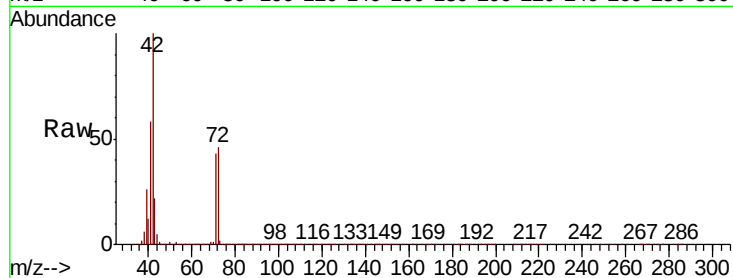
Tot Ion: 42 Resp: 483934

Ion Ratio Lower Upper

42 100

72 46.2 36.9 55.3

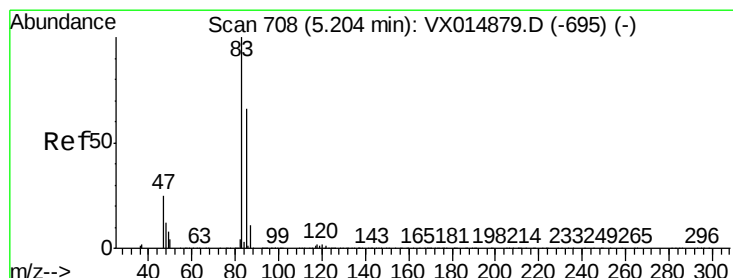
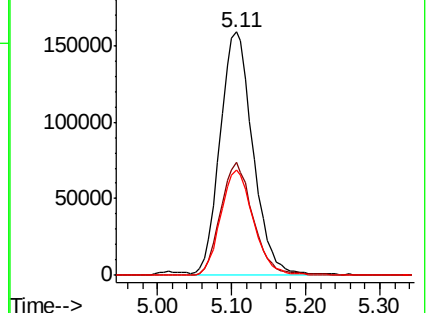
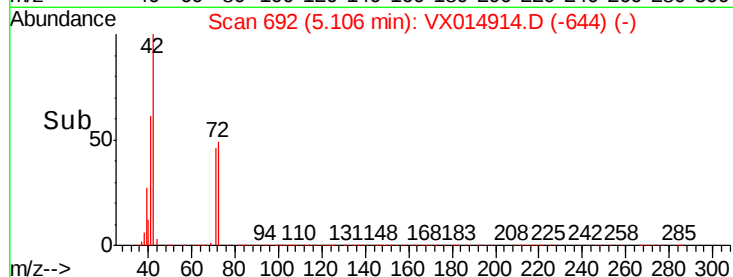
71 43.4 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.679 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014914.D

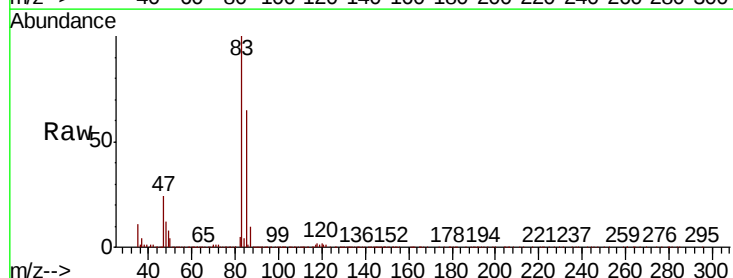
Acq: 11 Feb 2020 16:25

Tgt Ion: 83 Resp: 395392

Ion Ratio Lower Upper

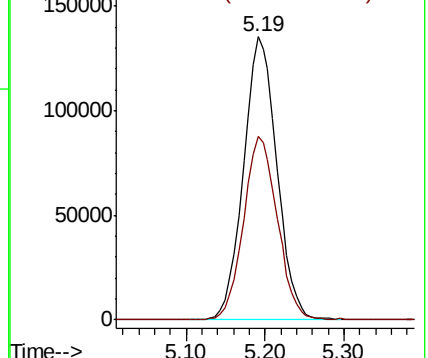
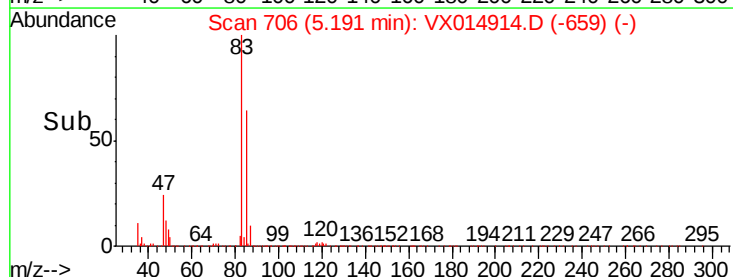
83 100

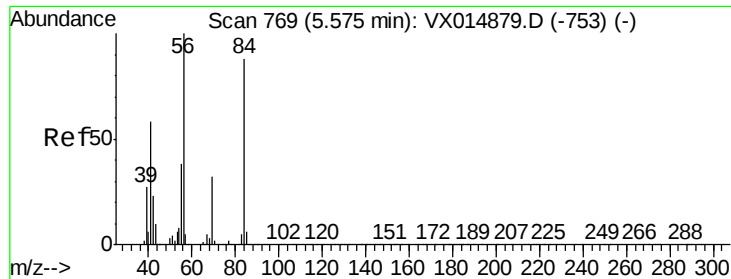
85 64.7 52.9 79.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

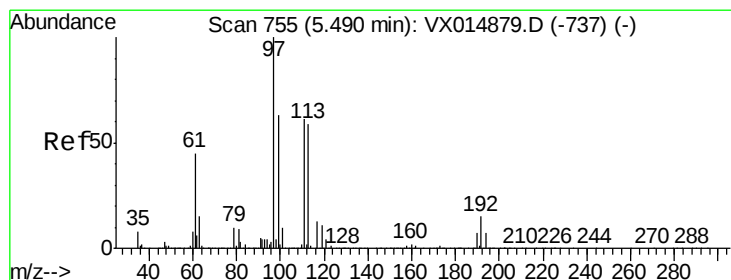
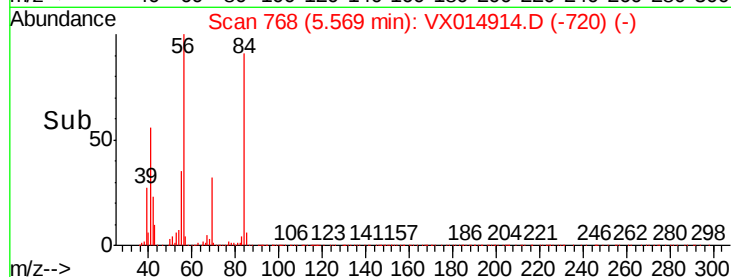
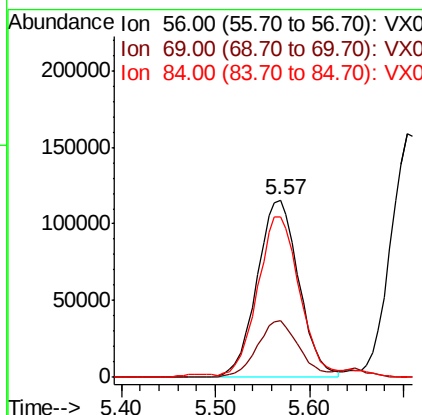
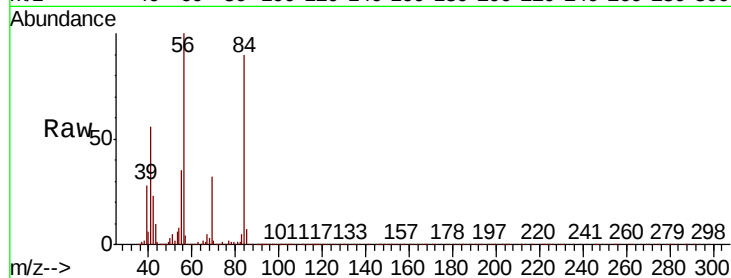




#31
Cyclohexane
Concen: 48.052 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

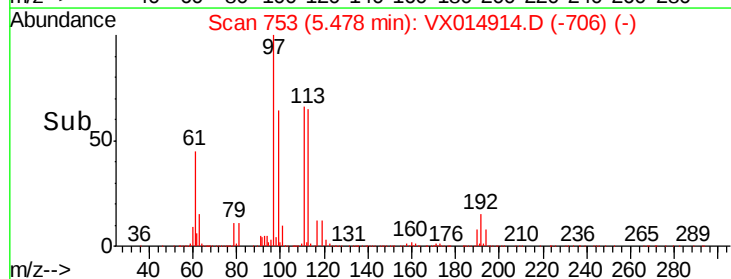
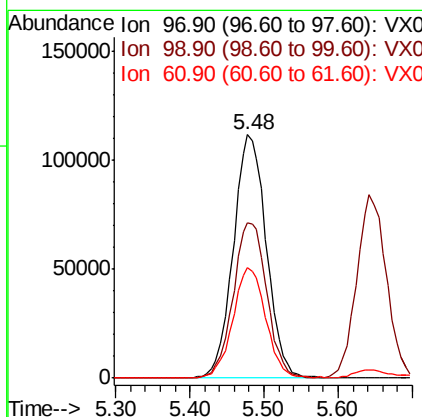
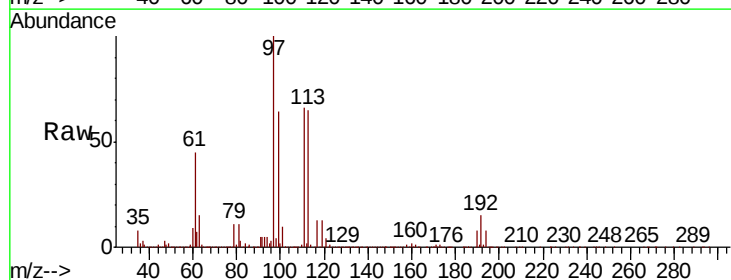
Instrument :
MSVOA_X
ClientSampleId :

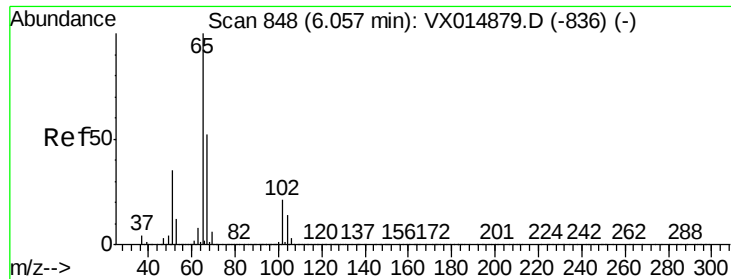
Tot Ion: 56 Resp: 358302
Ion Ratio Lower Upper
56 100
69 31.7 25.9 38.9
84 89.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 48.596 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 97 Resp: 345278
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.6
61 45.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.004 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

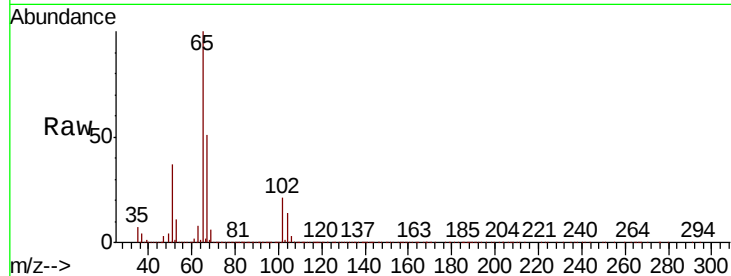
ClientSampleId :

Tot Ion: 65 Resp: 258467

Ion Ratio Lower Upper

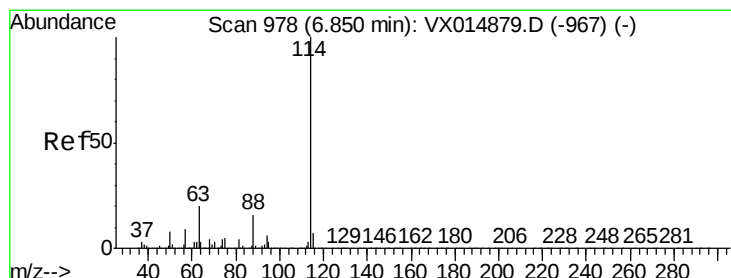
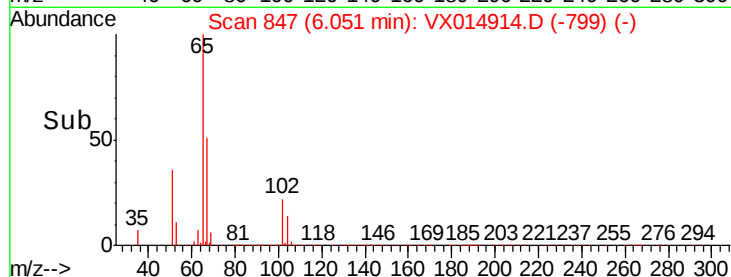
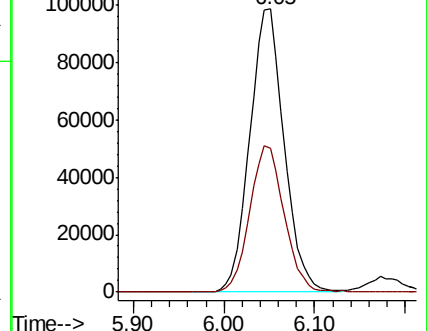
65 100

67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

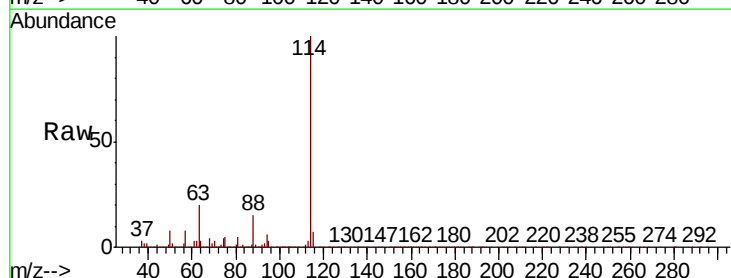
Tgt Ion: 114 Resp: 685642

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

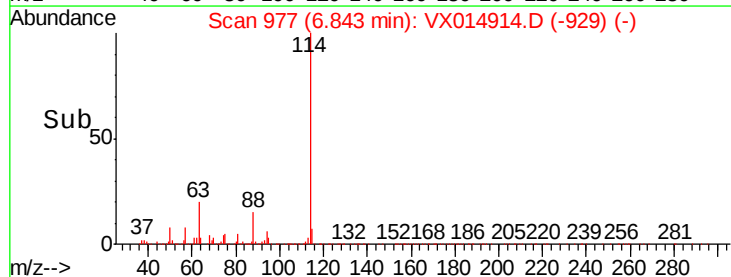
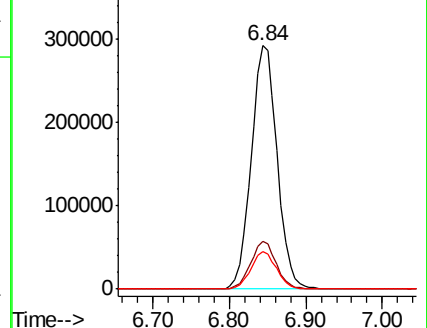
88 15.2 0.0 32.0

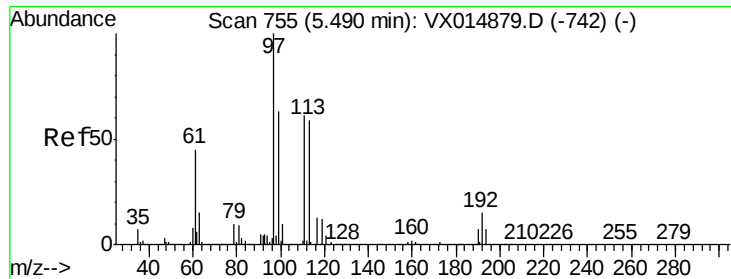


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

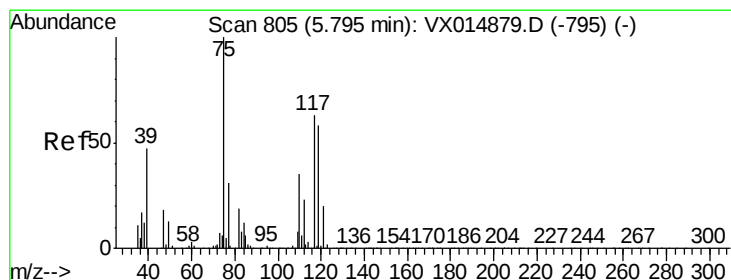
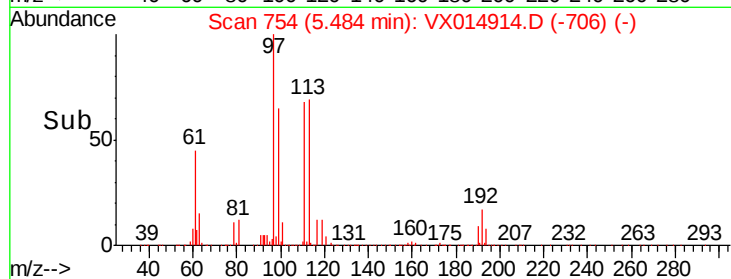
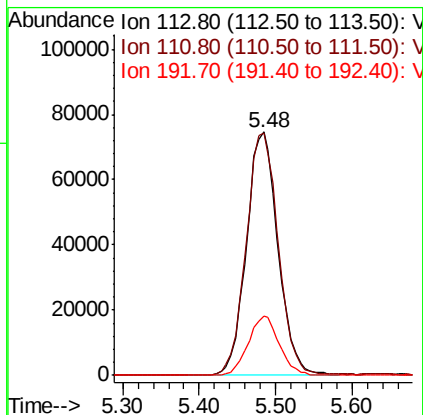
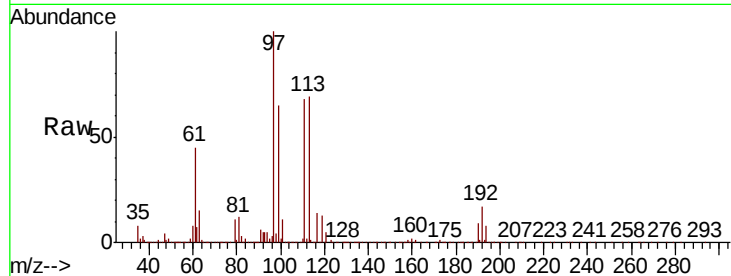




#35
 Dibromofluoromethane
 Concen: 50.826 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

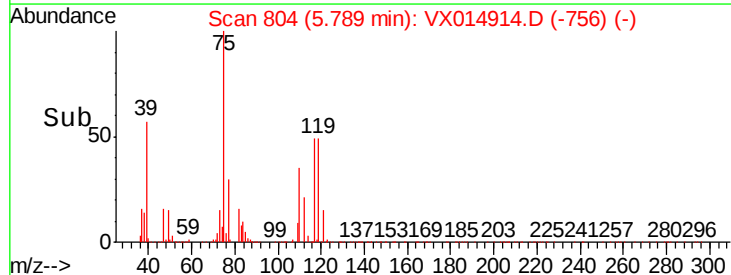
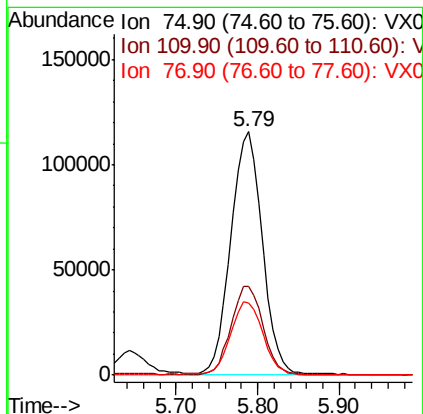
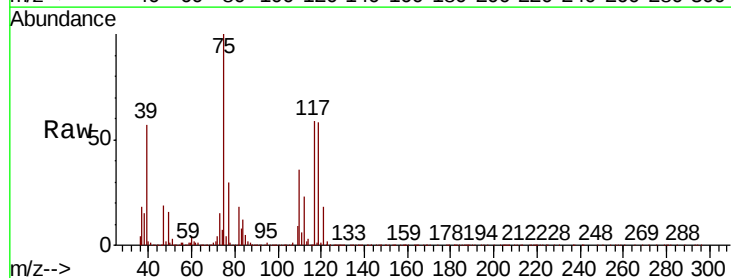
Instrument :
 MSVOA_X
 ClientSampleId :

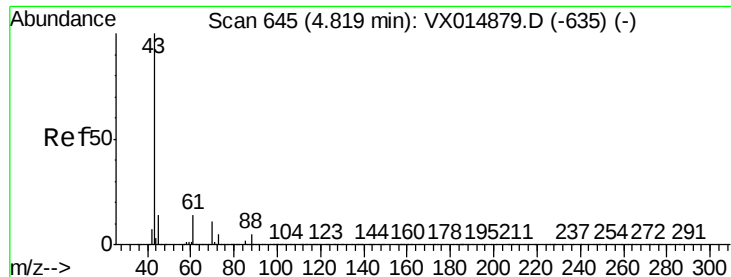
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.4	123.6
192	24.1	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 50.152 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.3	54.8
77	31.0	24.6	36.8

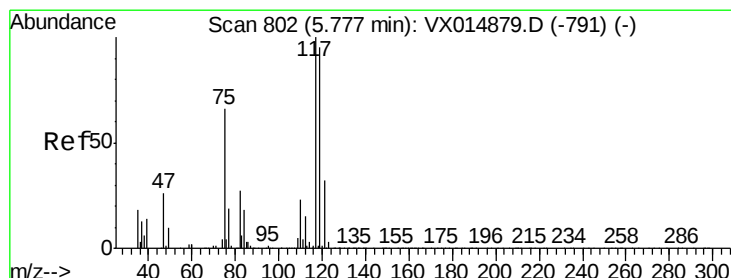
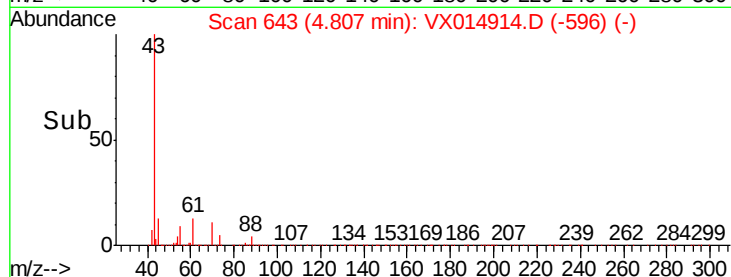
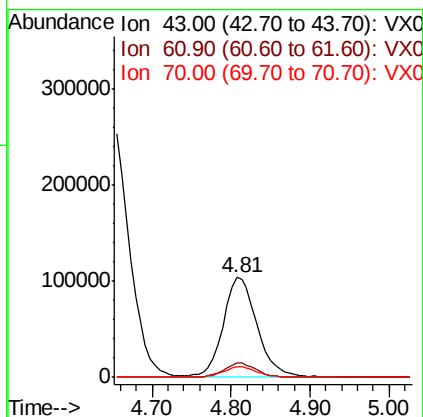
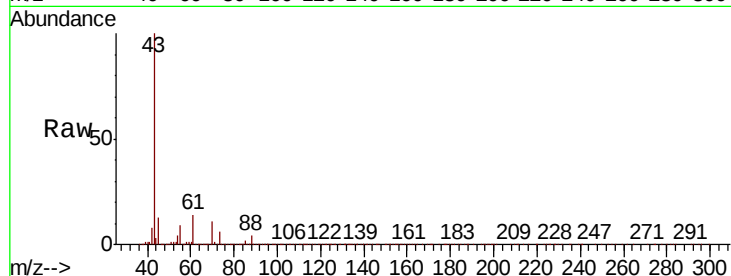




#37
Ethyl Acetate
Concen: 47.698 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

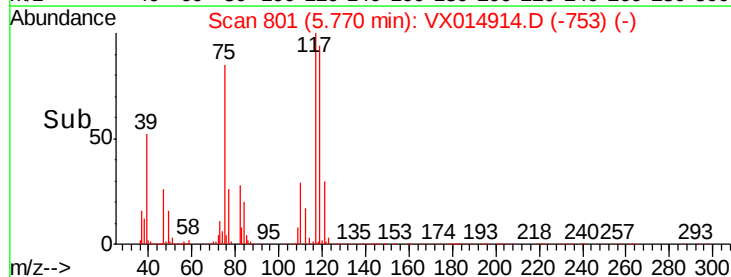
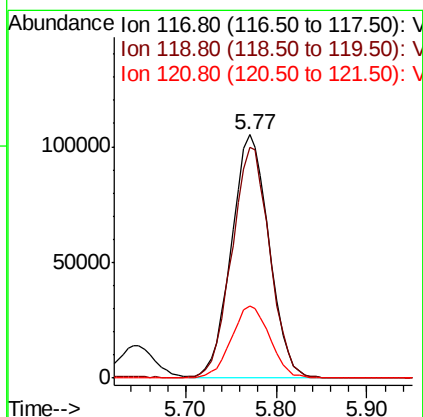
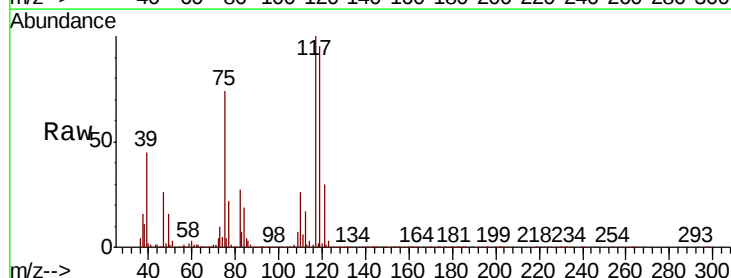
Instrument :
MSVOA_X
ClientSampleId :

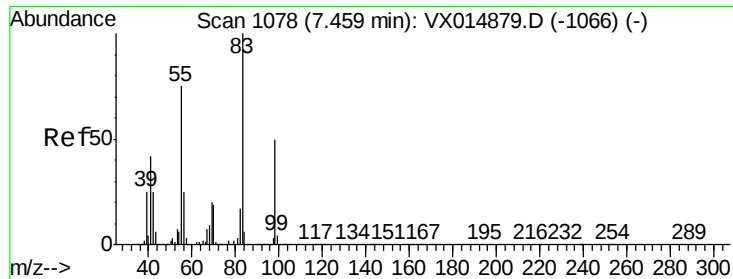
Tot Ion: 43 Resp: 305120
Ion Ratio Lower Upper
43 100
61 13.4 10.9 16.3
70 10.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 50.517 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 117 Resp: 301944
Ion Ratio Lower Upper
117 100
119 94.5 76.0 114.0
121 29.6 25.4 38.2

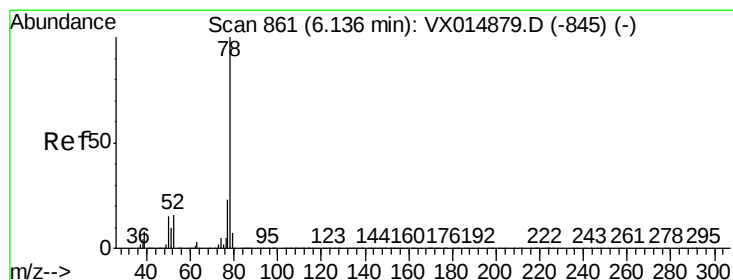
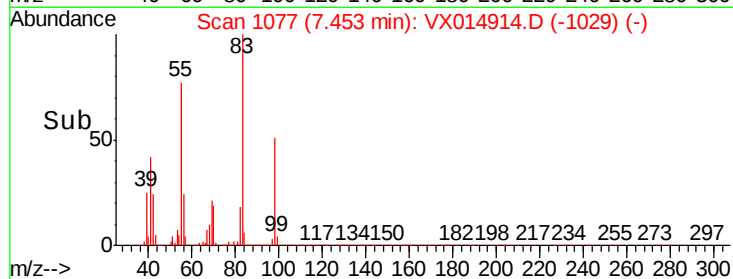
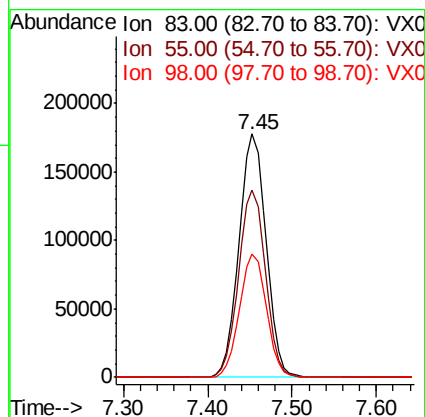
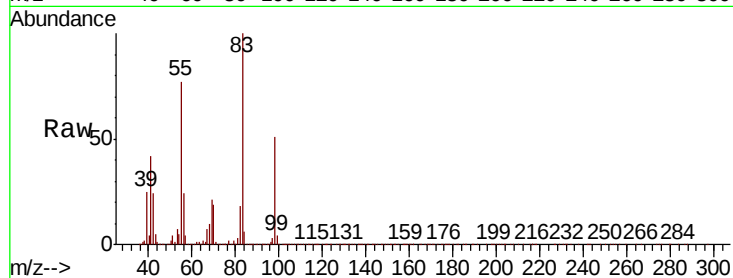




#39
Methvlcvclohexane
Concen: 50.040 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

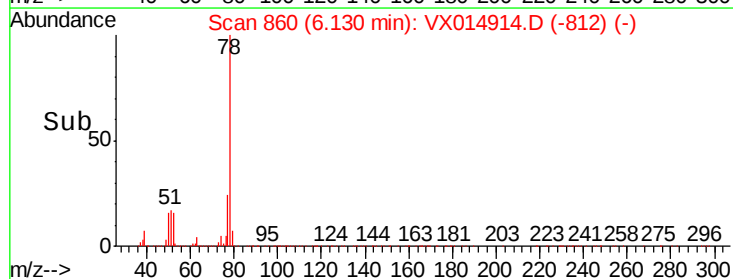
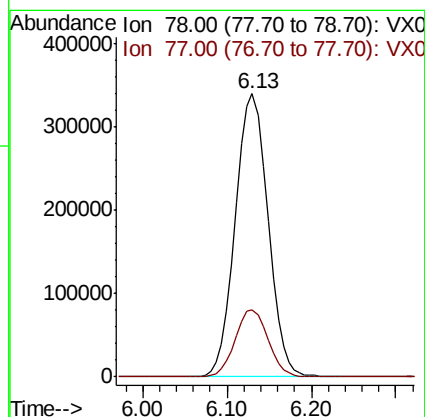
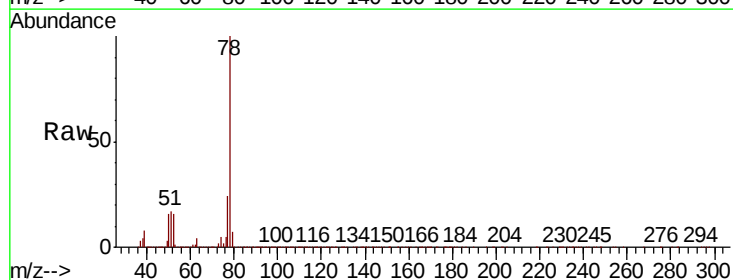
Instrument :
MSVOA_X
ClientSampleId :

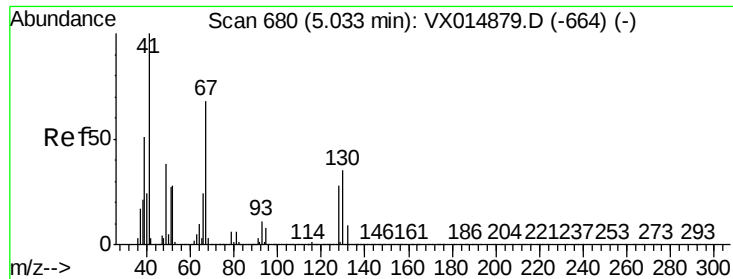
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.0	90.0
98	50.8	39.6	59.4



#40
Benzene
Concen: 48.898 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

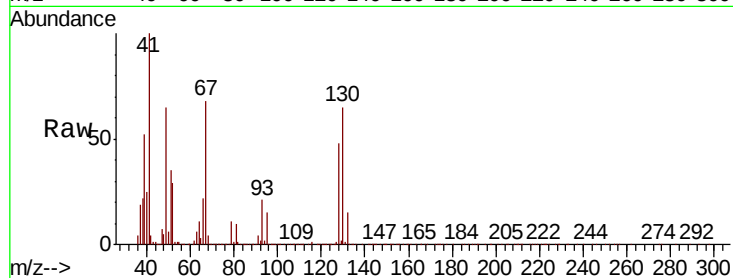




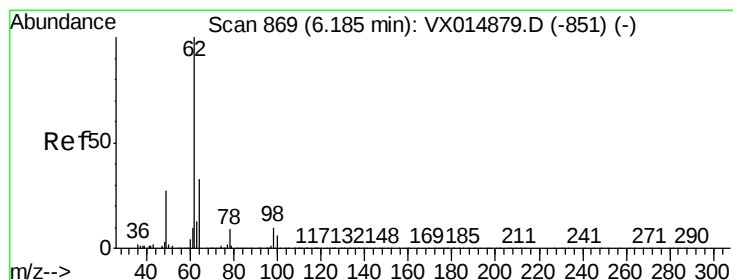
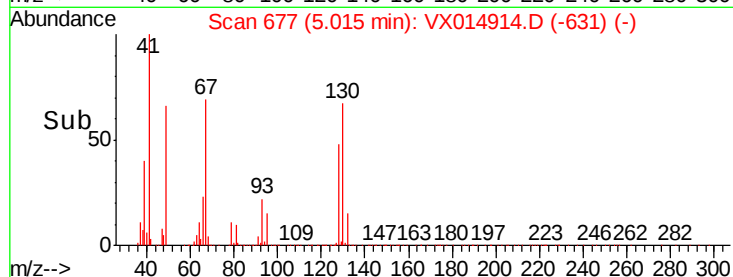
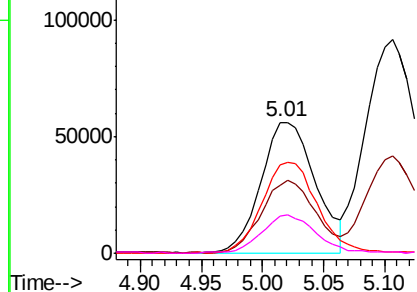
#41
Methacrylonitrile
Concen: 50.610 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.02 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	174409
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.7	67.1
67	70.4	56.6	84.8
52	28.3	22.3	33.5

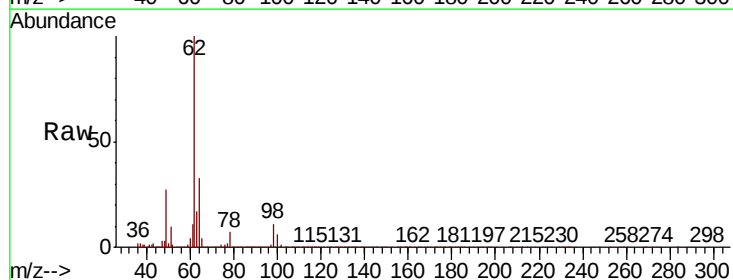


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

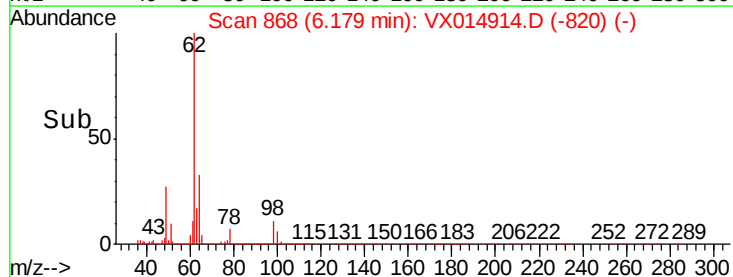
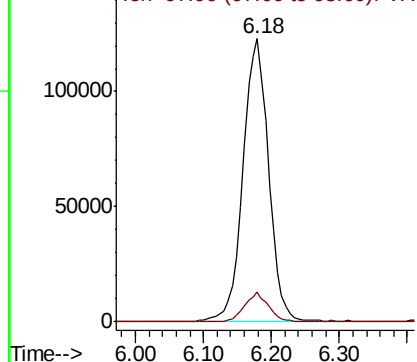


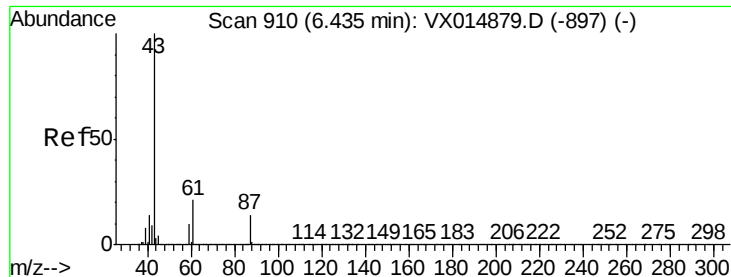
#42
1,2-Dichloroethane
Concen: 48.222 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion:	62	Resp:	319387
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.866 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampled :

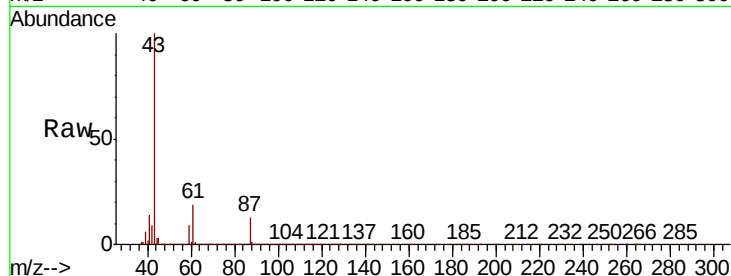
Tot Ion: 43 Resp: 515657

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.4

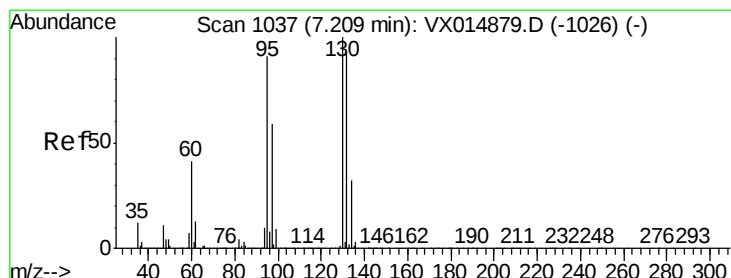
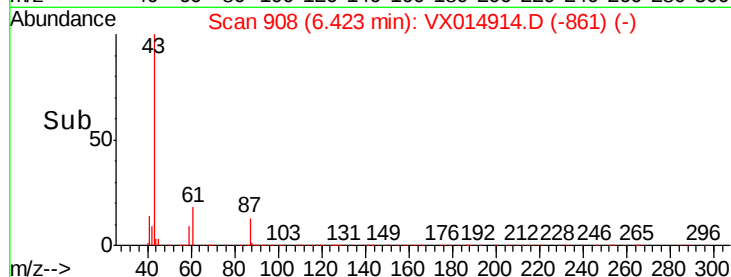
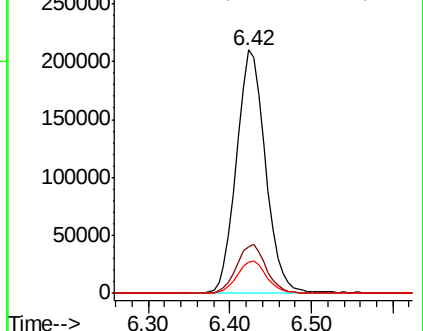
87 13.5 11.0 16.6



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: 49.328 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014914.D

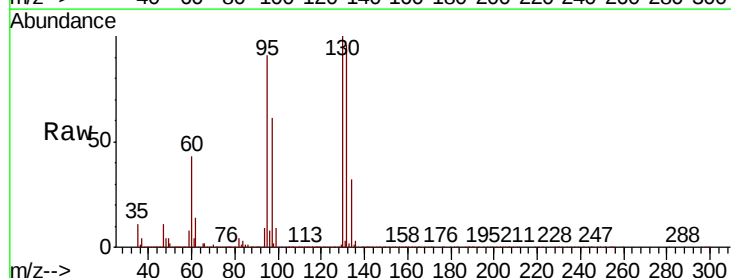
Acq: 11 Feb 2020 16:25

Tgt Ion: 130 Resp: 262414

Ion Ratio Lower Upper

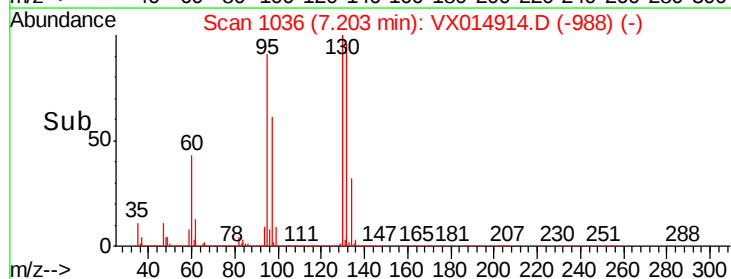
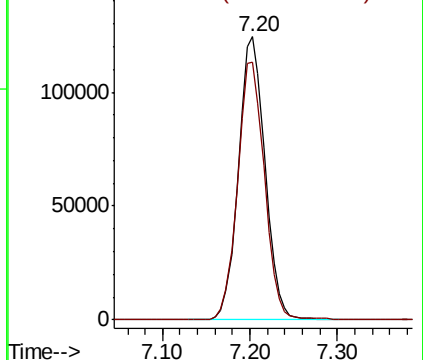
130 100

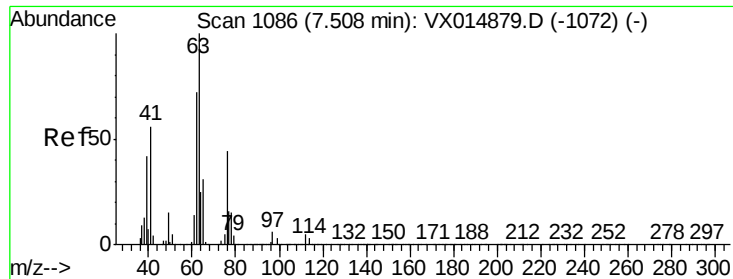
95 91.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

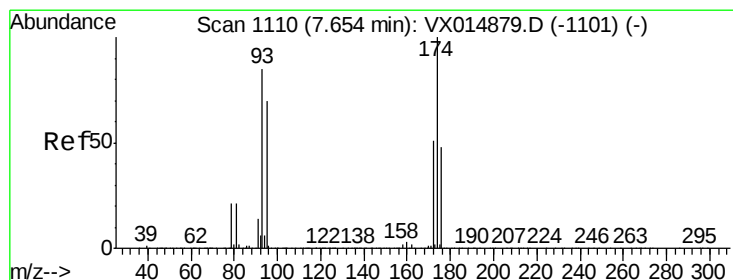
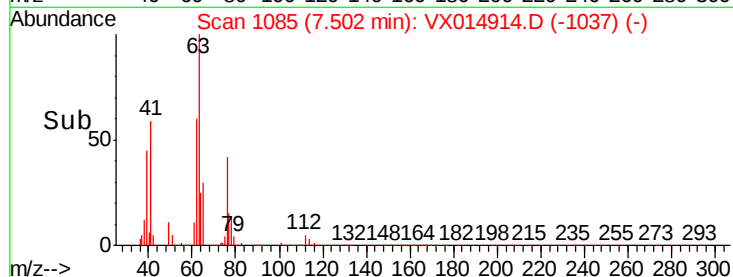
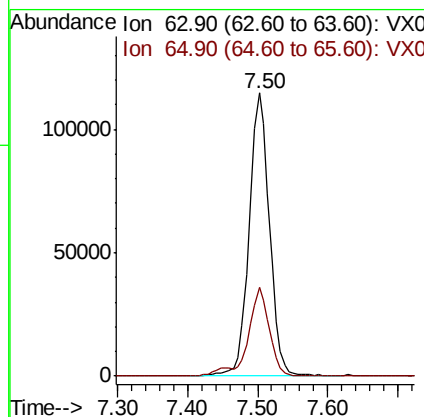
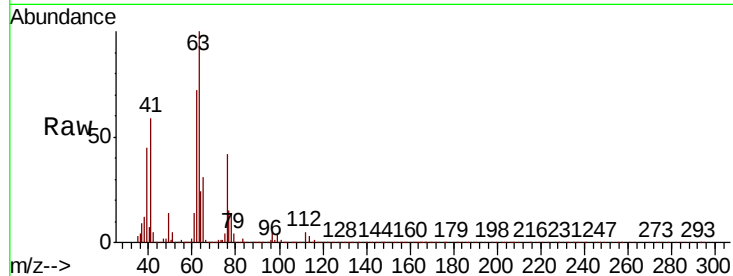




#45
 1,2-Dichloropropane
 Concen: 49.334 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

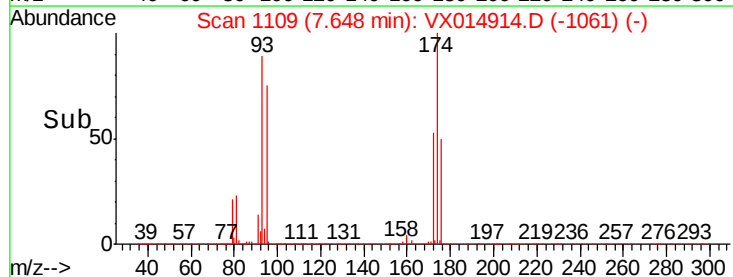
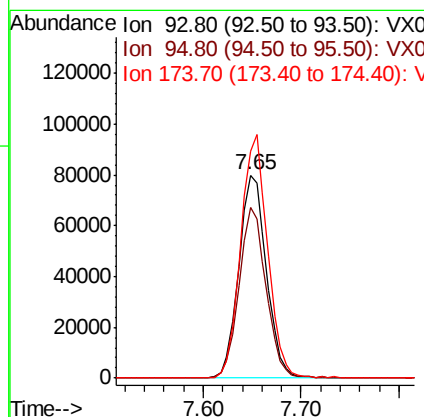
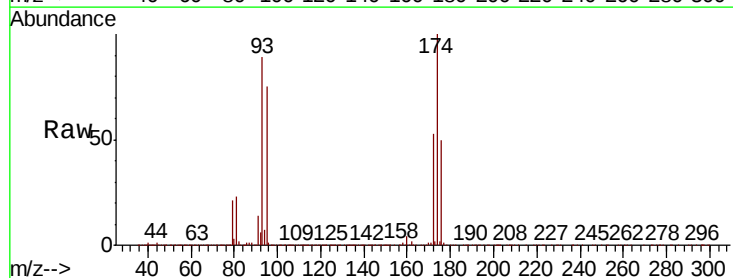
Instrument :
 MSVOA_X
 ClientSampleId :

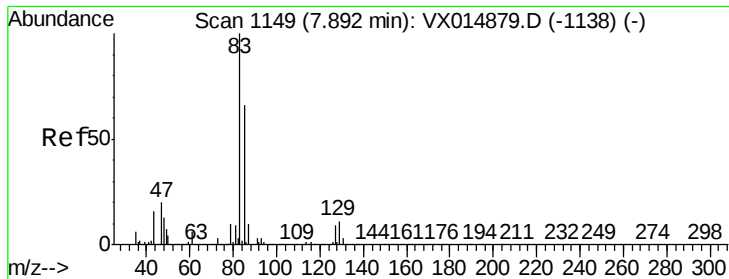
Tot Ion: 63 Resp: 230564
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.9 37.3



#46
 Dibromomethane
 Concen: 48.997 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion: 93 Resp: 156524
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.8 98.8
 174 117.1 95.4 143.2





#47

Bromodichloromethane

Concen: 49.450 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

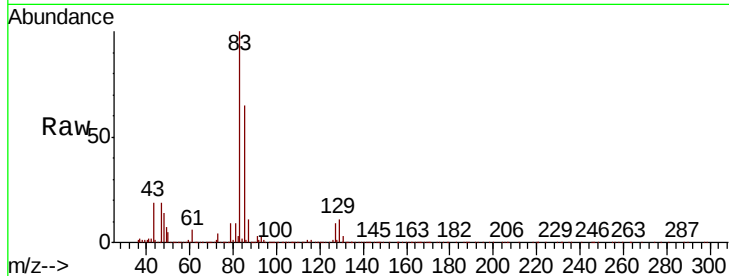
Tot Ion: 83 Resp: 313223

Ion Ratio Lower Upper

83 100

85 64.5 52.5 78.7

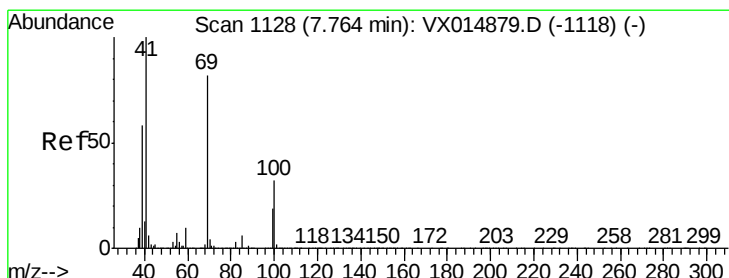
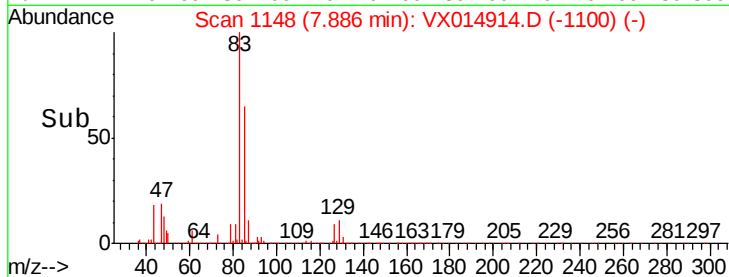
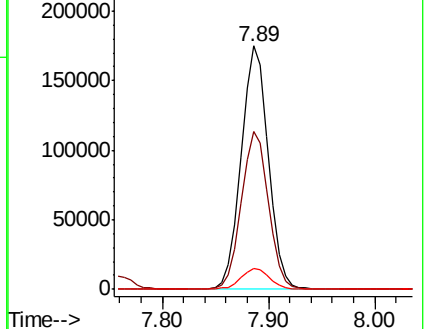
127 8.6 7.4 11.0



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: 49.147 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

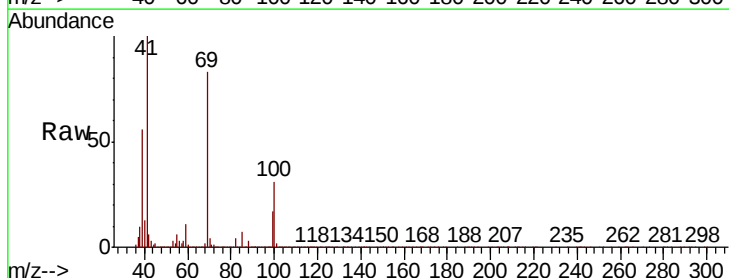
Tgt Ion: 41 Resp: 255230

Ion Ratio Lower Upper

41 100

69 82.8 65.7 98.5

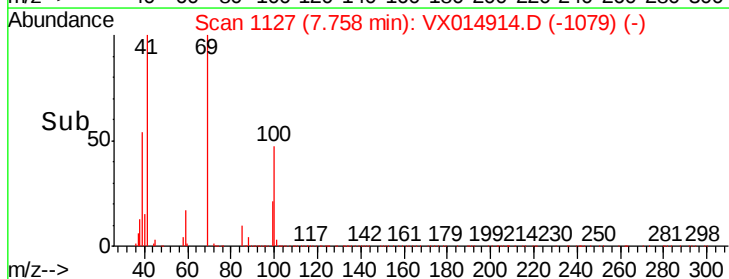
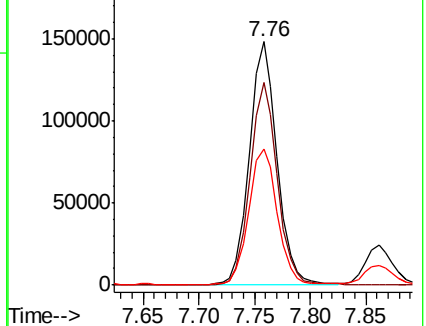
39 58.0 45.8 68.8

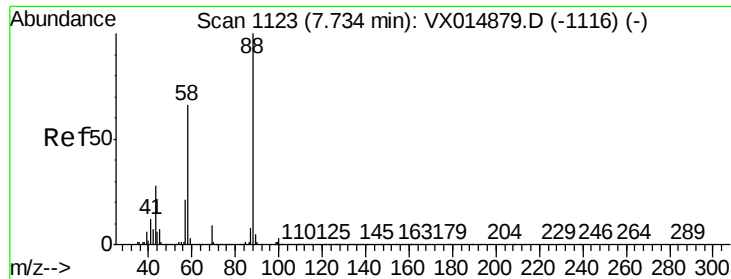


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

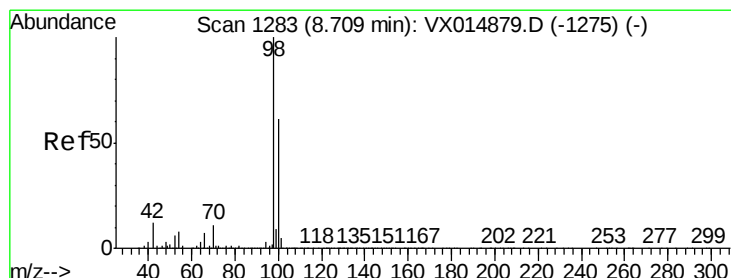
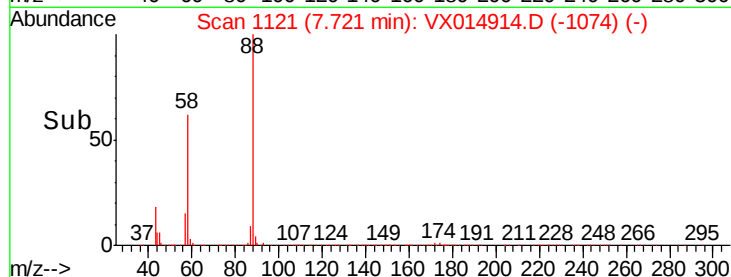
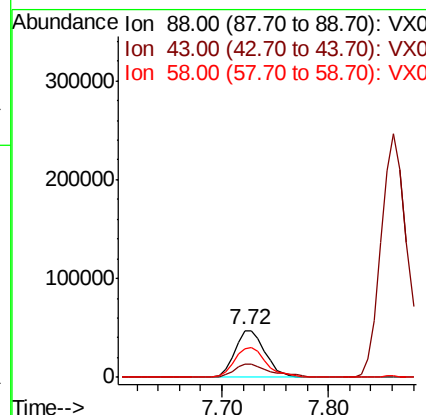
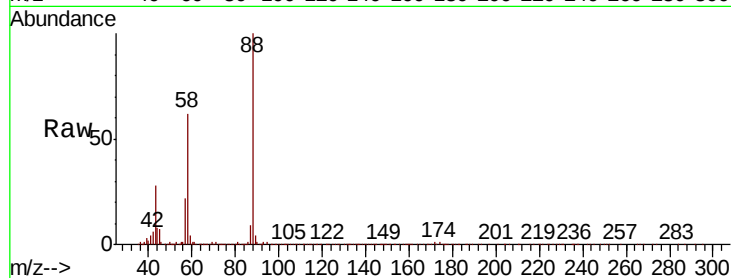




#49
1,4-Dioxane
Concen: 961.466 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

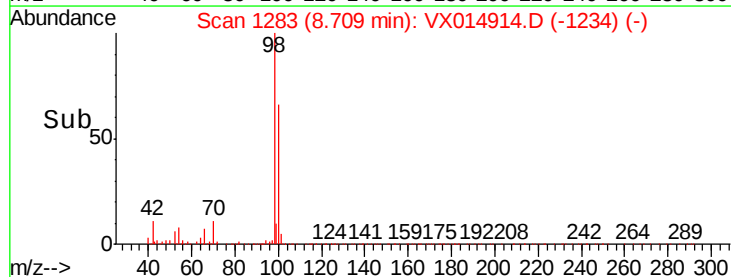
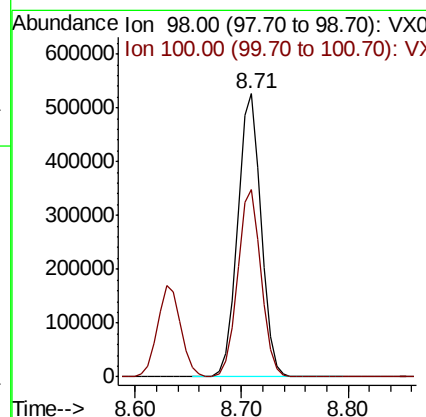
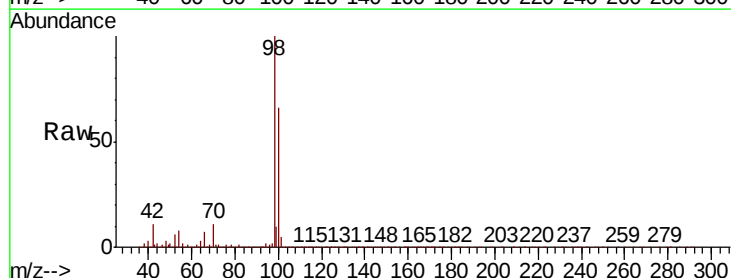
Instrument :
MSVOA_X
ClientSampleId :

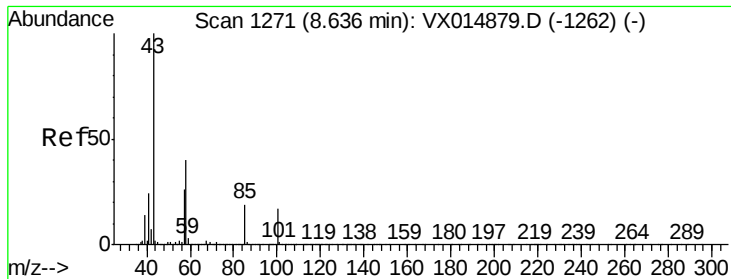
Tot Ion: 88 Resp: 93356
Ion Ratio Lower Upper
88 100
43 33.2 27.0 40.4
58 67.7 53.2 79.8



#50
Toluene-d8
Concen: 50.417 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 98 Resp: 811198
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 242.633 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

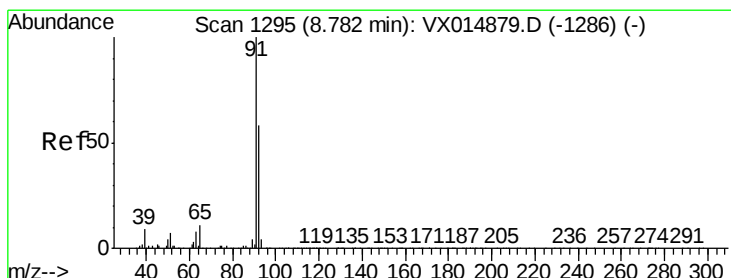
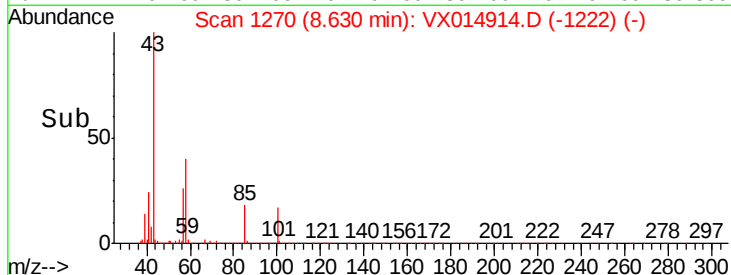
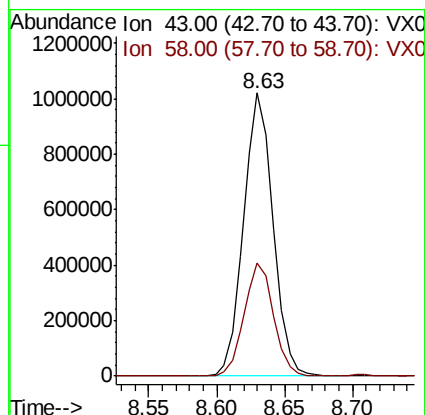
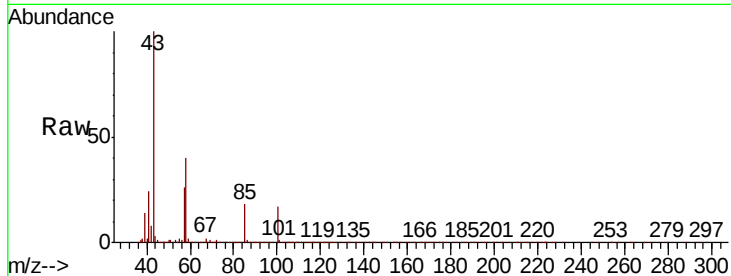
ClientSampled :

Tot Ion: 43 Resp: 1546021

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



#52

Toluene

Concen: 49.747 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014914.D

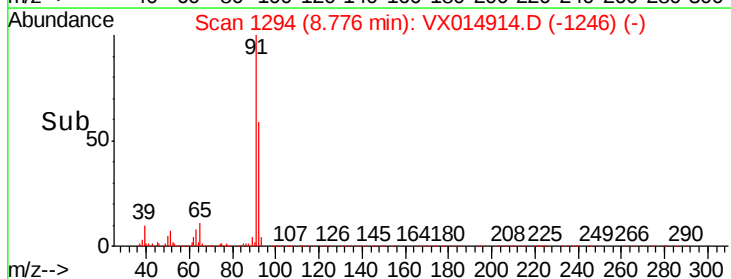
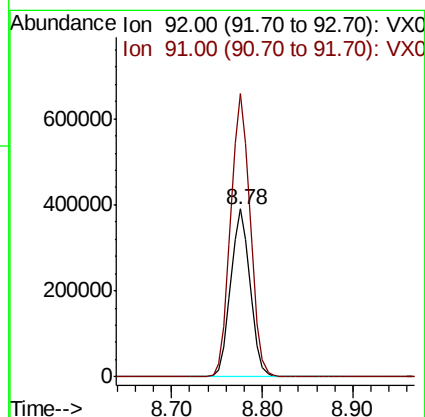
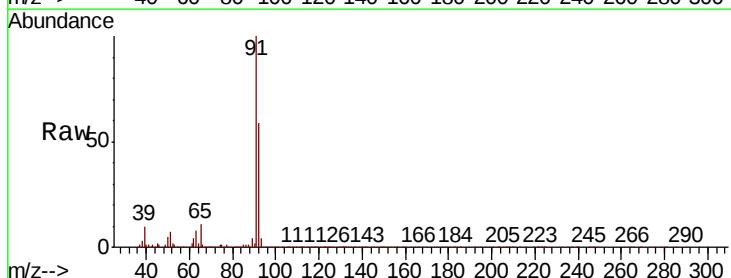
Acq: 11 Feb 2020 16:25

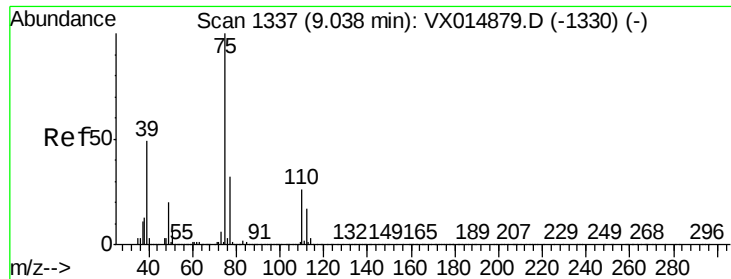
Tgt Ion: 92 Resp: 579004

Ion Ratio Lower Upper

92 100

91 170.1 137.0 205.4

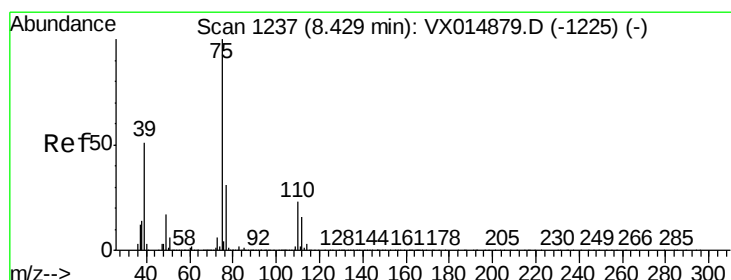
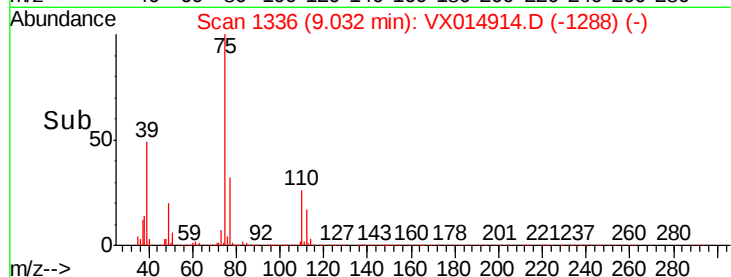
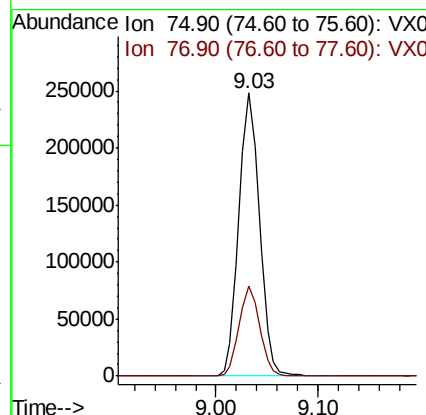
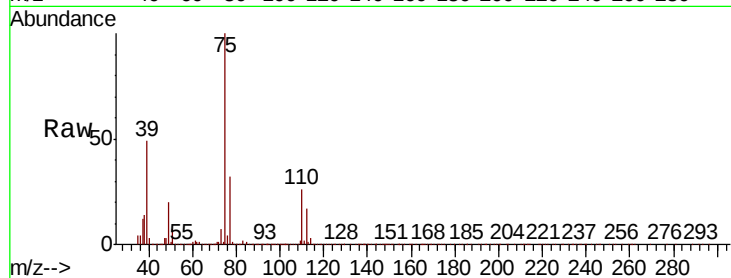




#53
 t-1,3-Dichloropropene
 Concen: 50.073 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

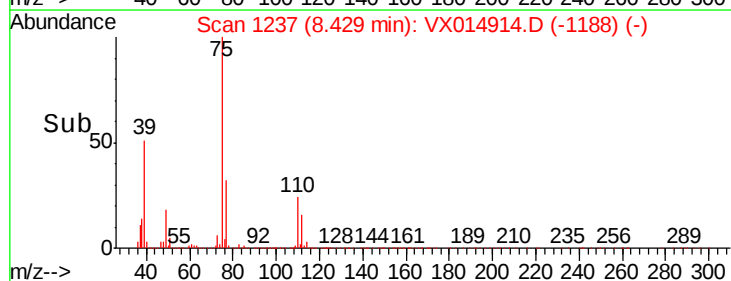
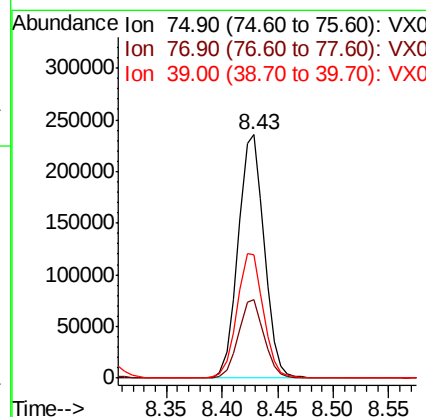
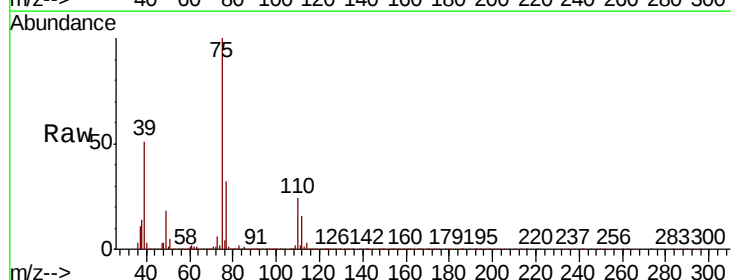
Instrument :
 MSVOA_X
 ClientSampled :

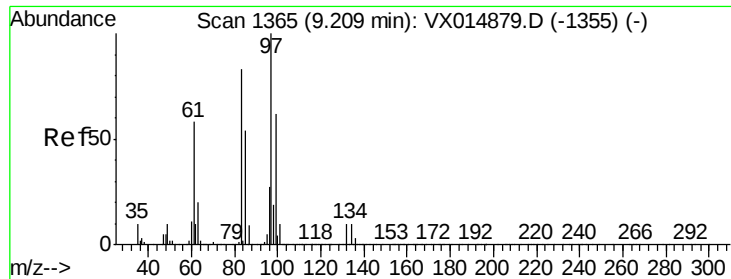
Tot Ion: 75 Resp: 347597
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.489 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion: 75 Resp: 379521
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0
 39 50.6 40.9 61.3

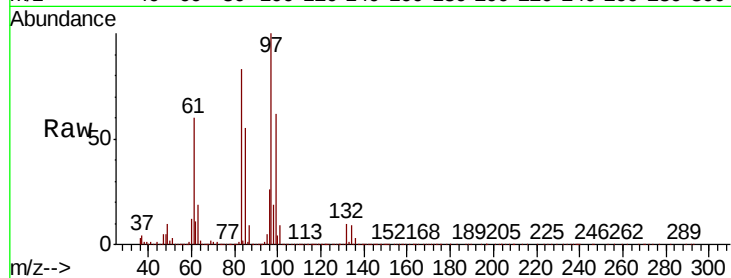




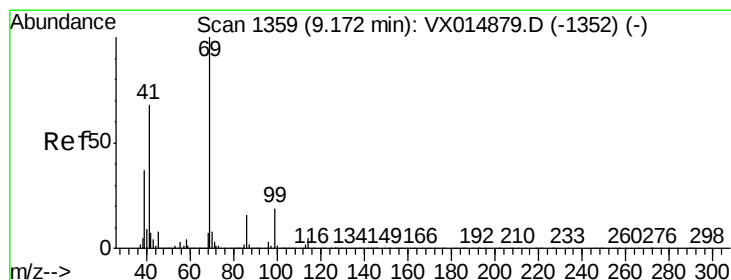
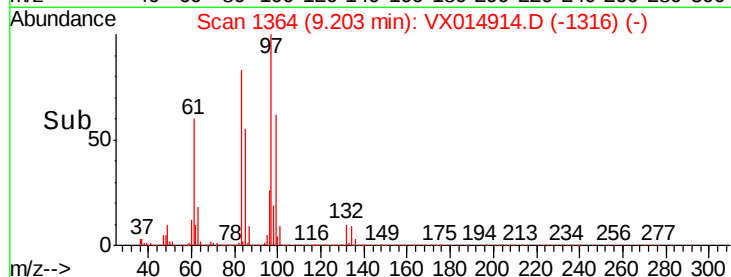
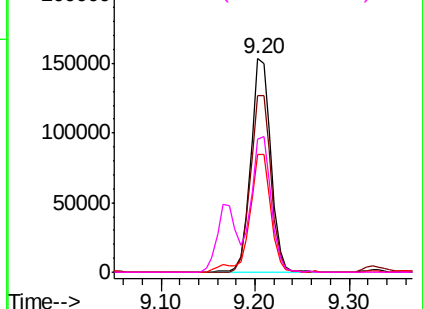
#55
 1,1,2-Trichloroethane
 Concen: 48.714 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	229391
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.6	99.8
85	55.1	43.5	65.3
99	62.2	49.6	74.4

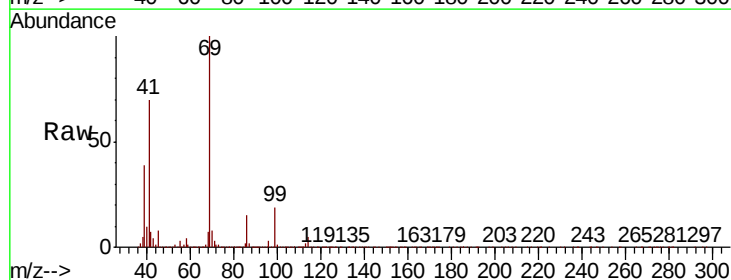


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

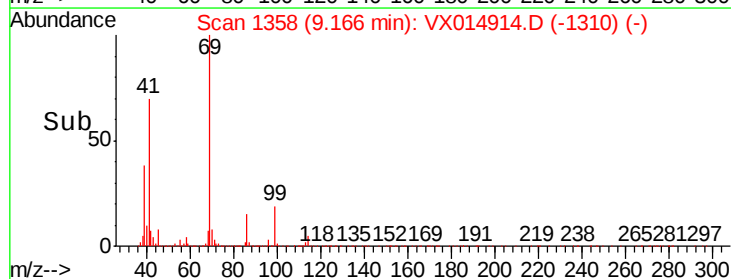
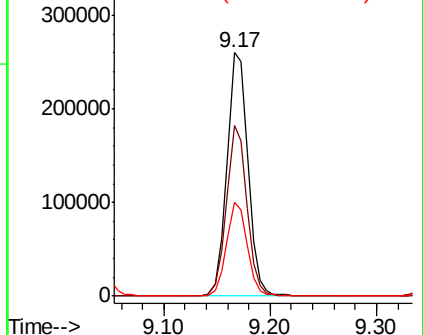


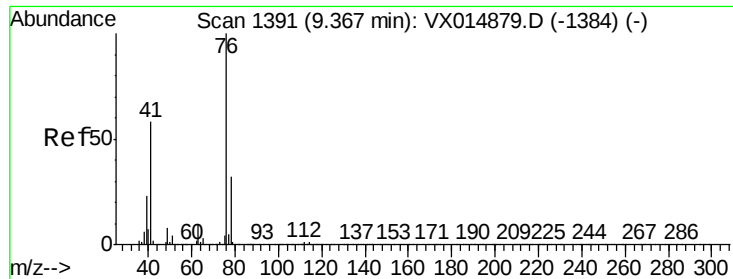
#56
 Ethyl methacrylate
 Concen: 51.121 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion:	69	Resp:	361832
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.8	82.2
39	37.8	29.9	44.9



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: 48.702 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

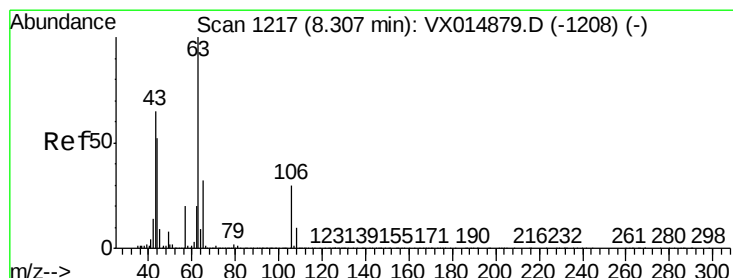
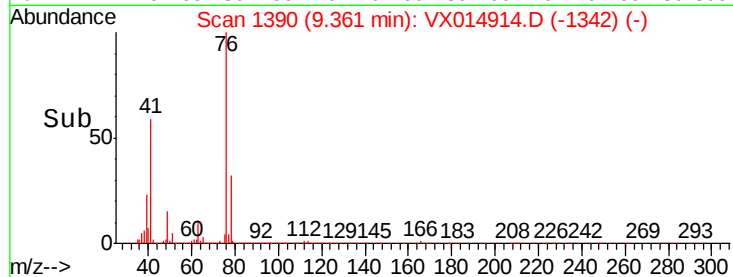
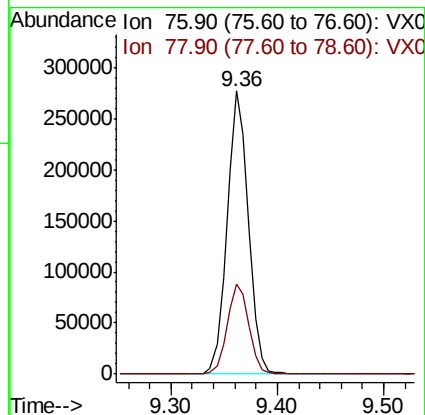
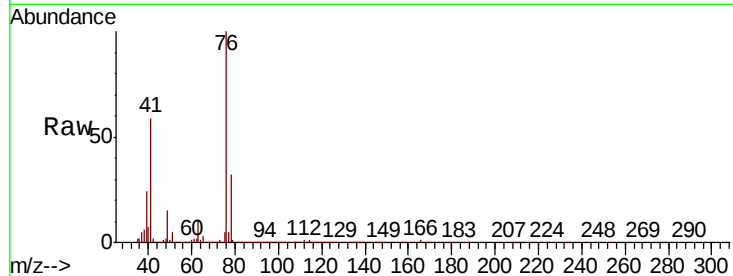
ClientSampleId :

Tot Ion: 76 Resp: 386045

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 242.498 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014914.D

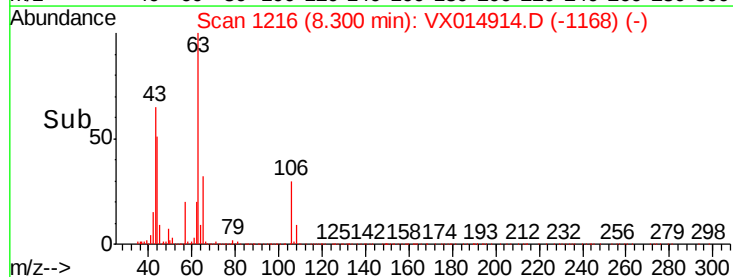
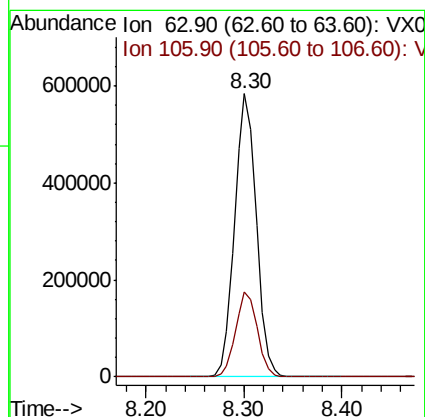
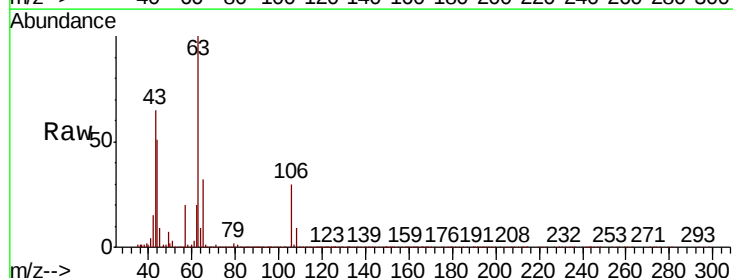
Acq: 11 Feb 2020 16:25

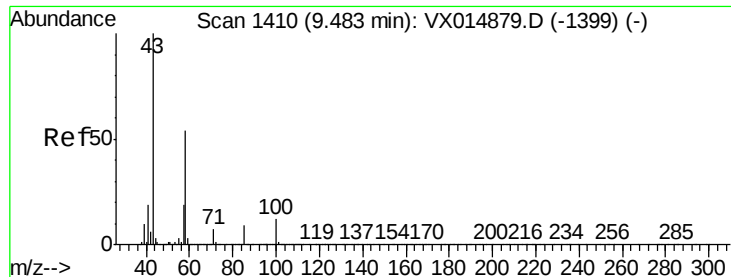
Tgt Ion: 63 Resp: 897639

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8

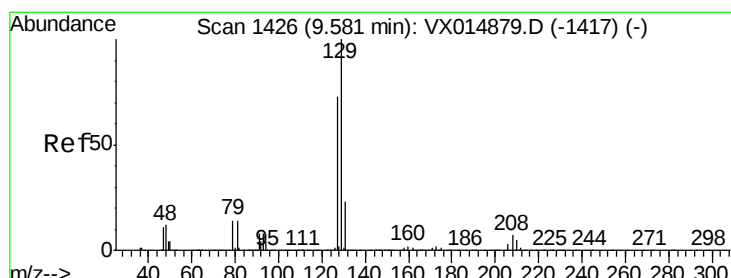
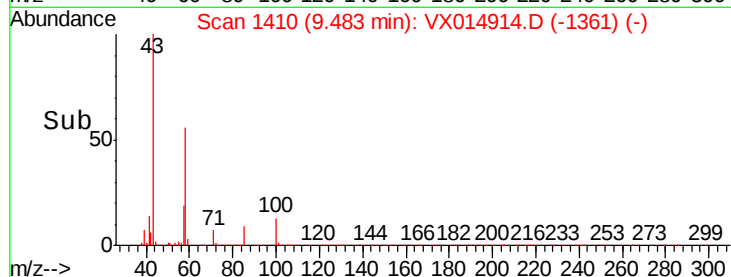
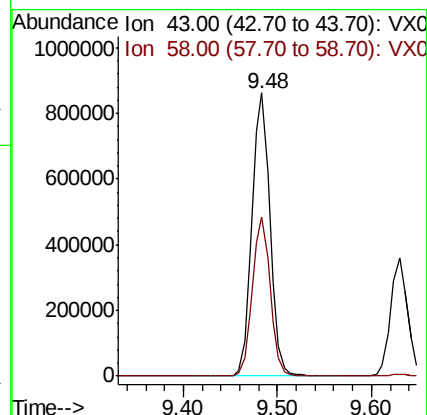
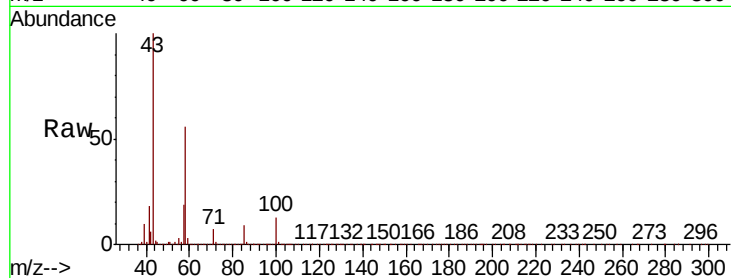




#59
2-Hexanone
Concen: 230.990 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

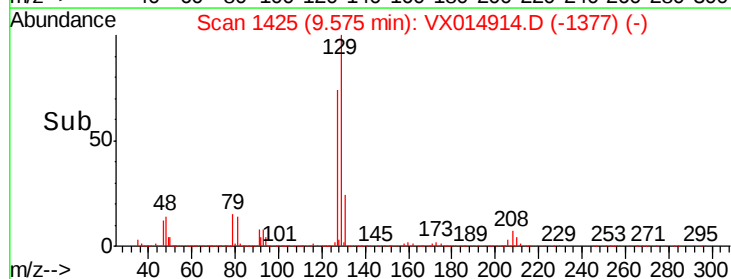
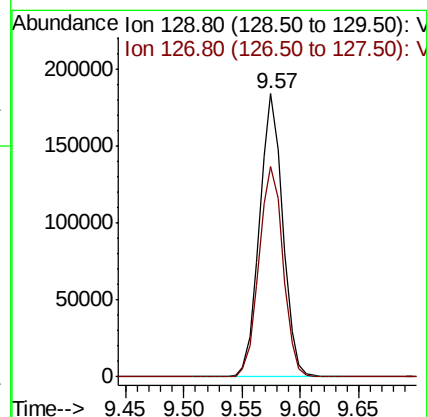
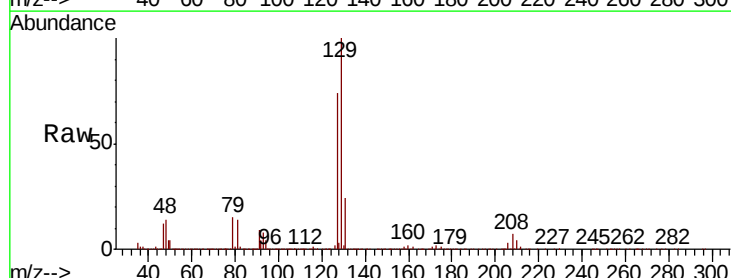
Instrument :
MSVOA_X
ClientSampleId :

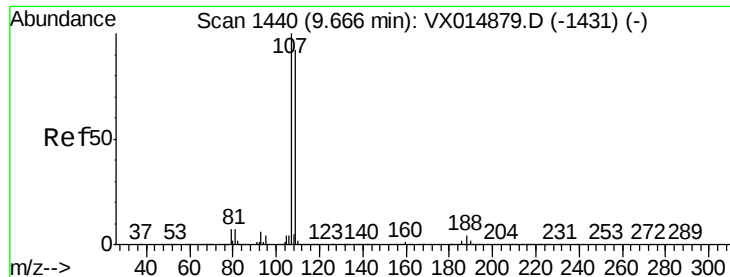
Tot Ion: 43 Resp: 1156882
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.5



#60
Dibromochloromethane
Concen: 50.787 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion:129 Resp: 257365
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.124 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

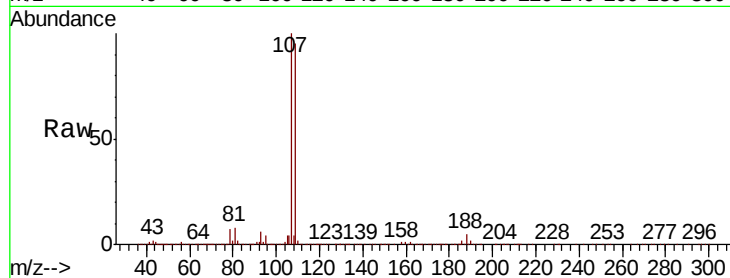
ClientSampleId :

Tot Ion:107 Resp: 244509

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

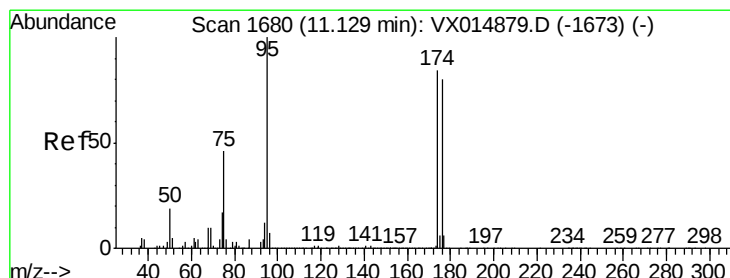
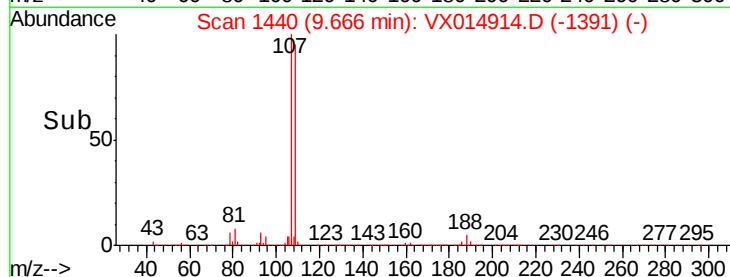
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.634 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

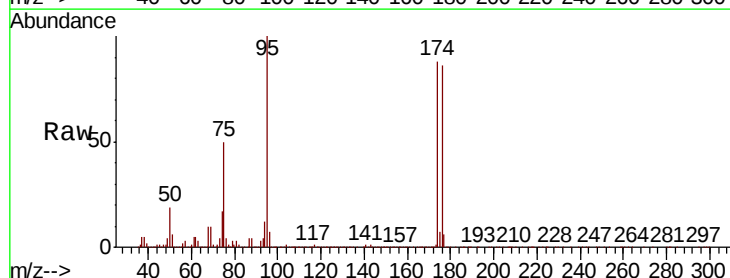
Tgt Ion: 95 Resp: 299268

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.0

176 89.6 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

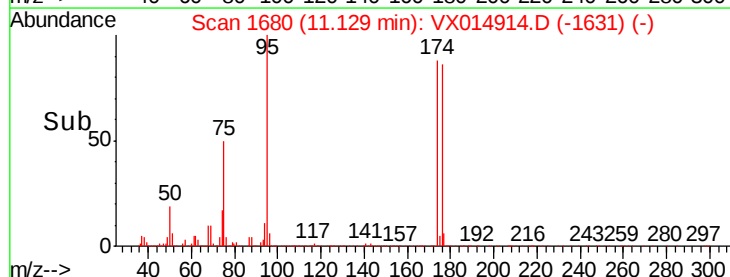
150000

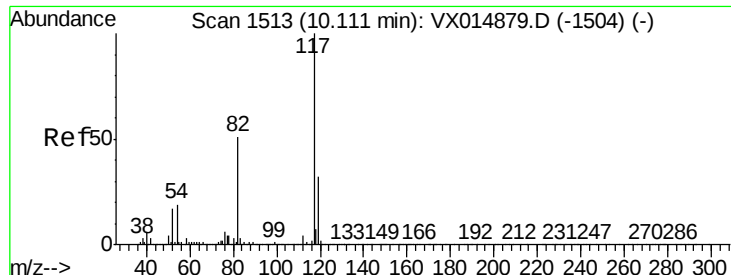
100000

50000

0

Time-->

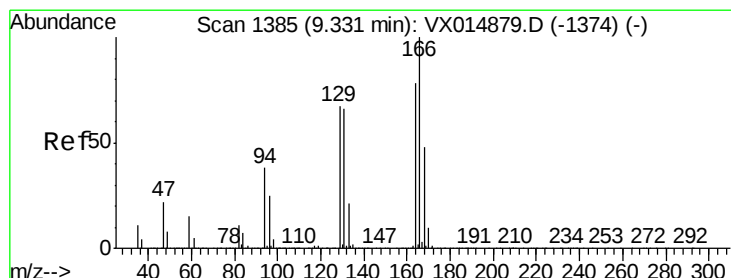
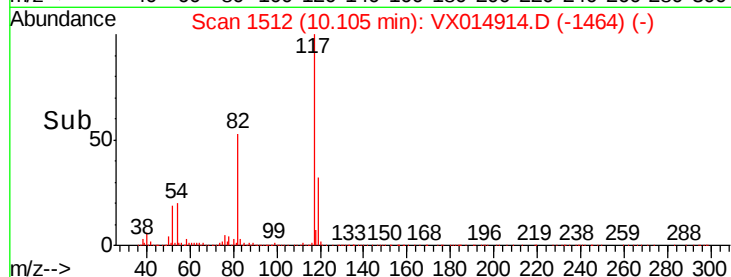
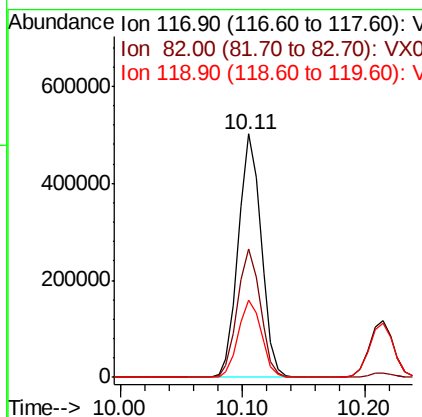
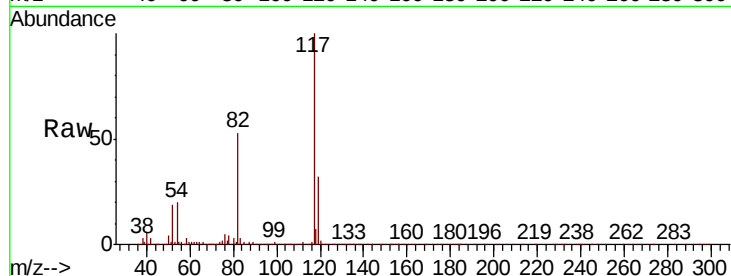




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

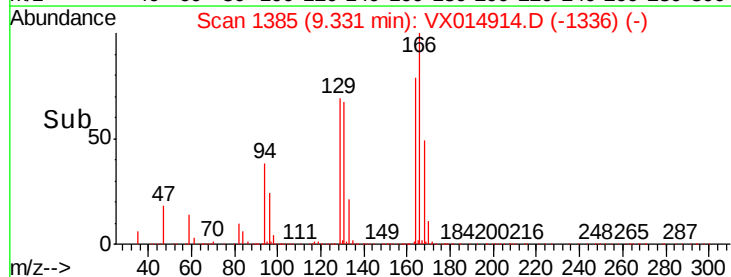
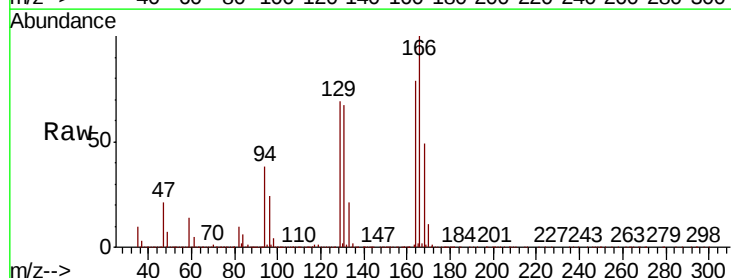
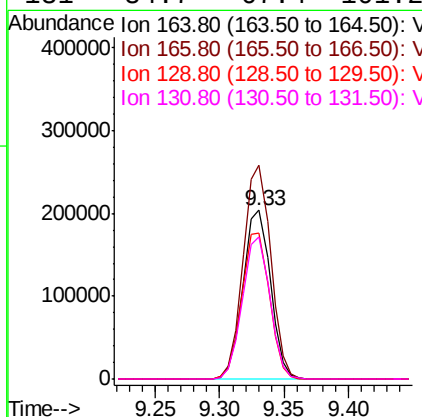
Instrument :
MSVOA_X
ClientSampleId :

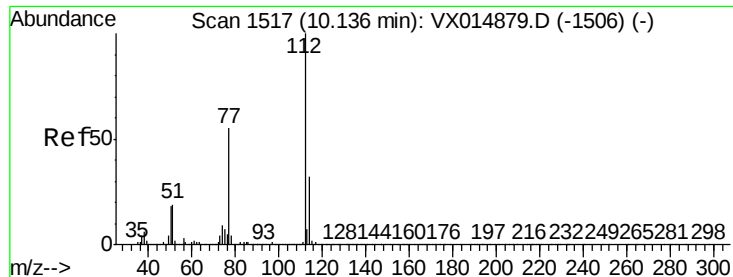
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	40.5	60.7
119	31.9	25.8	38.6



#64
Tetrachloroethene
Concen: 49.523 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.6	153.8
129	87.0	68.3	102.5
131	84.7	67.4	101.2





#65

Chlorobenzene

Concen: 48.226 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

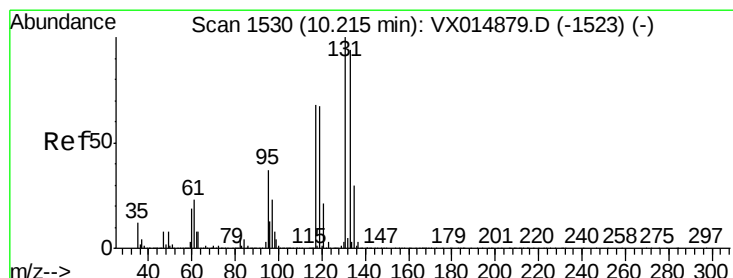
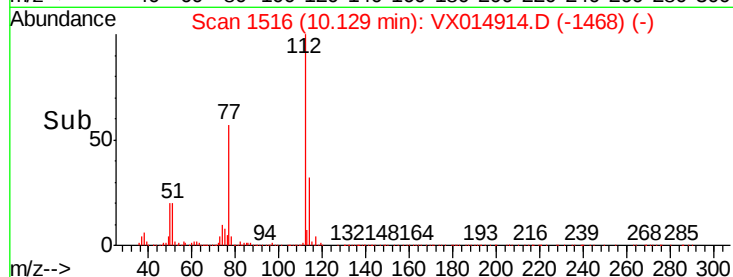
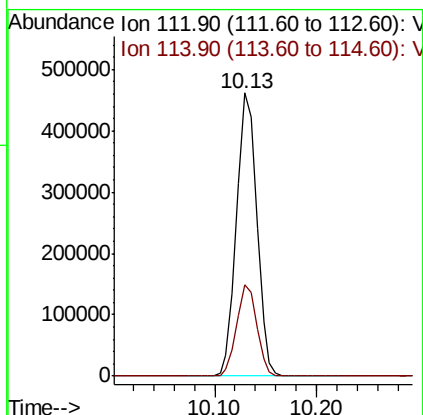
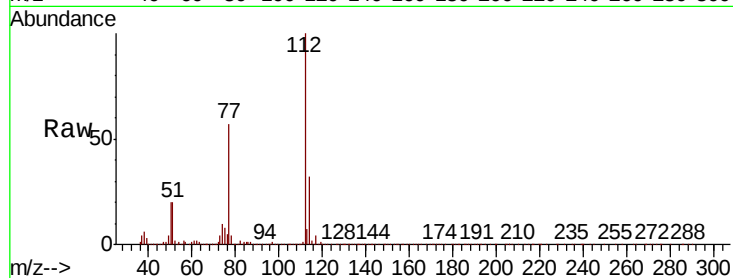
ClientSampled :

Tot Ion:112 Resp: 633590

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.290 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

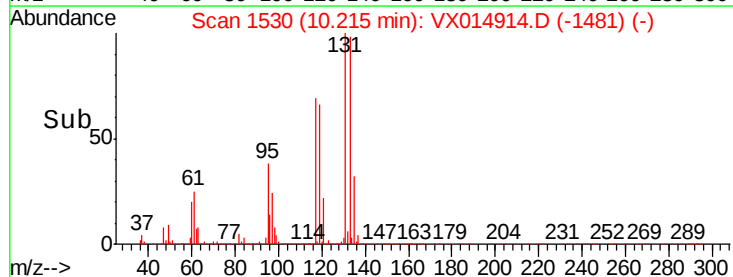
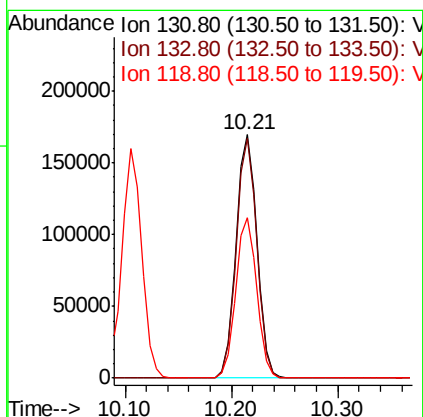
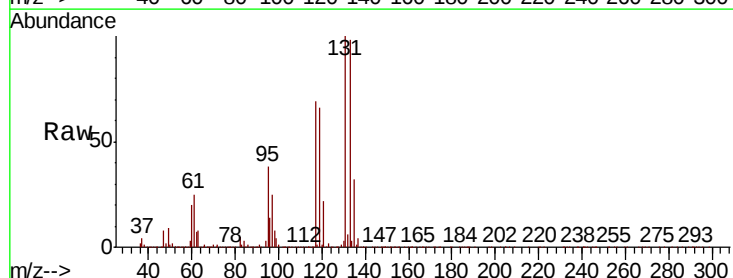
Tgt Ion:131 Resp: 235097

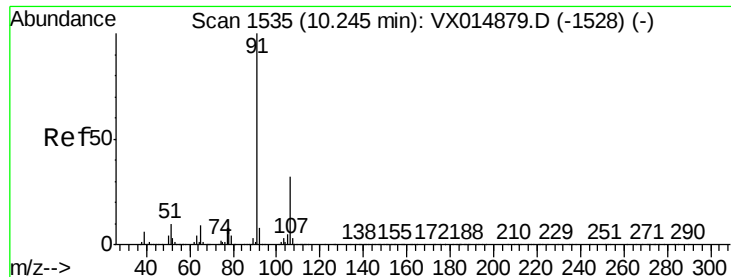
Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

119 65.9 33.0 99.0

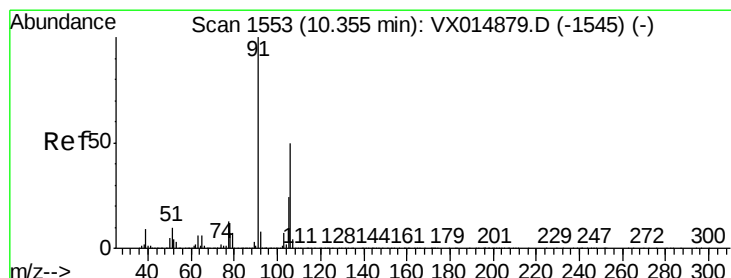
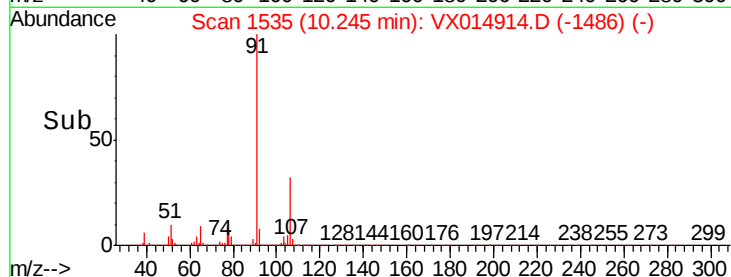
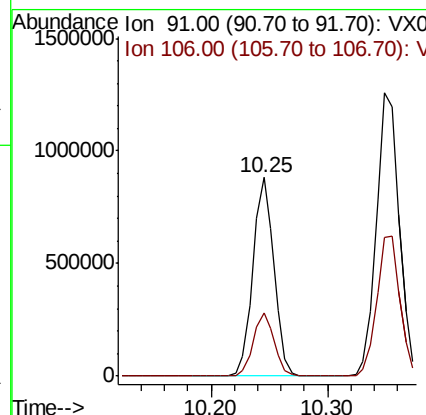
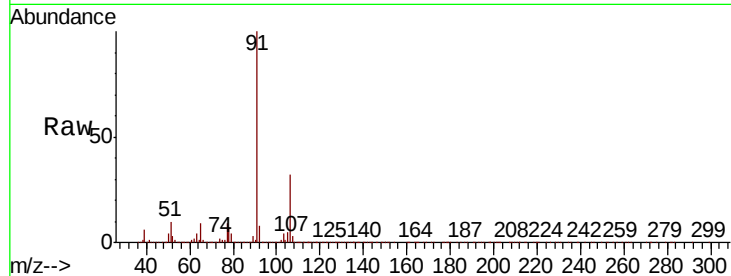




#67
Ethyl Benzene
Concen: 49.874 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

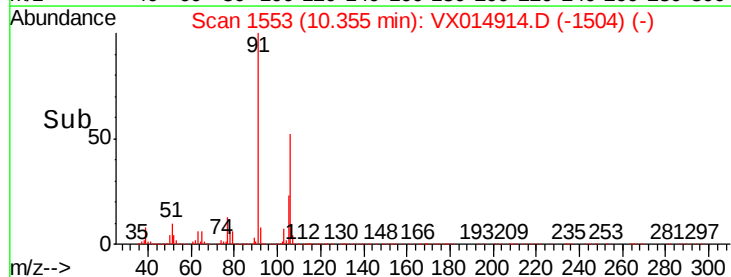
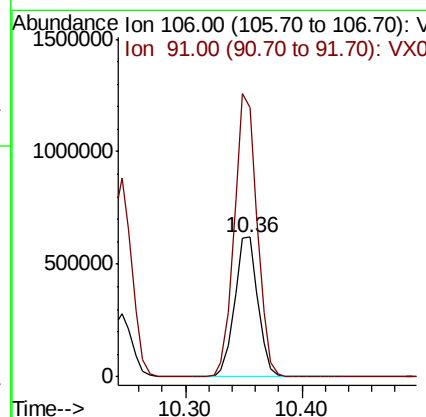
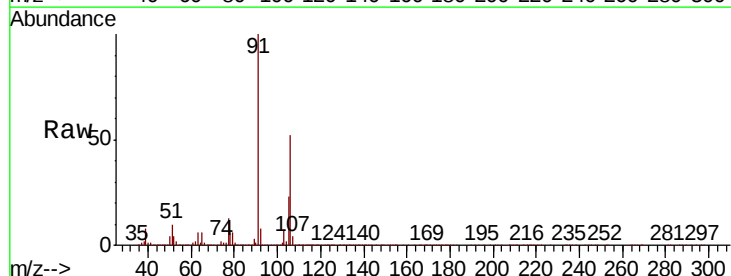
Instrument :
MSVOA_X
ClientSampled :

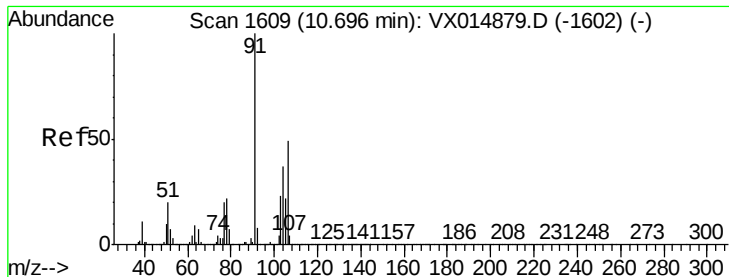
Tot Ion: 91 Resp: 1114365
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9



#68
m/p-Xylenes
Concen: 99.972 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion: 106 Resp: 860501
Ion Ratio Lower Upper
106 100
91 199.3 160.6 240.8

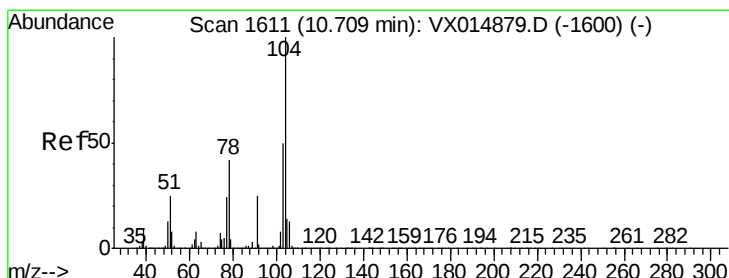
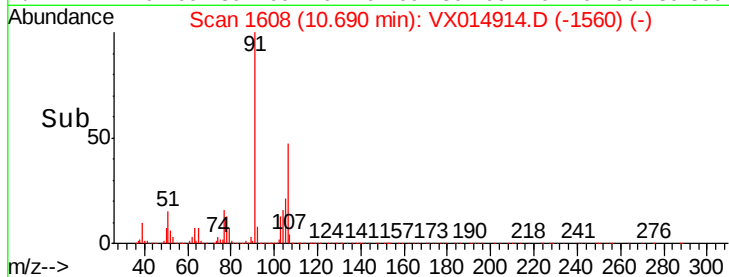
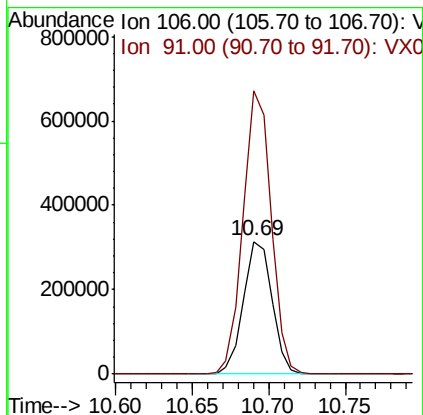
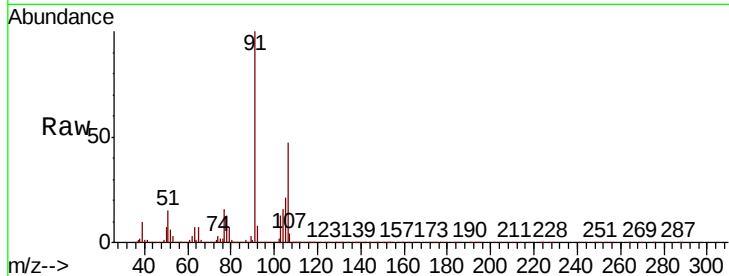




#69
o-Xylene
Concen: 49.474 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

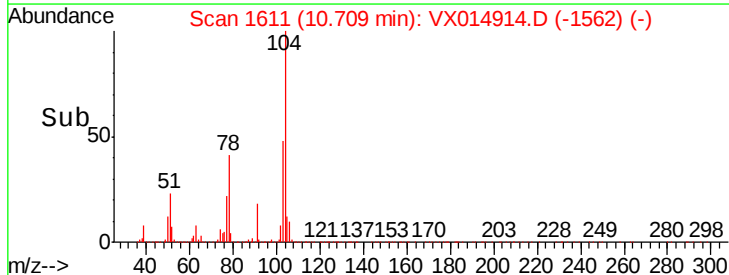
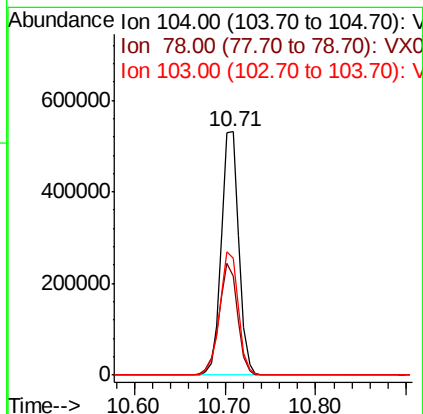
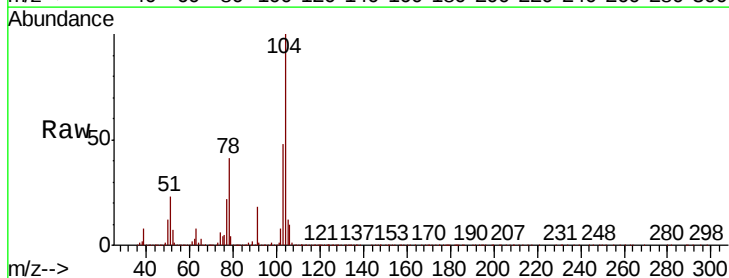
Instrument :
MSVOA_X
ClientSampleId :

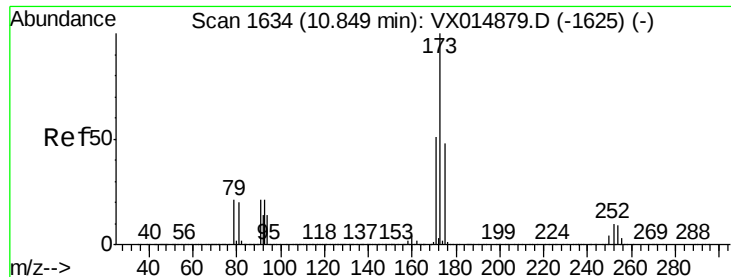
Tot Ion:106 Resp: 409354
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.3



#70
Styrene
Concen: 51.061 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion:104 Resp: 714734
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 53.9 43.4 65.0

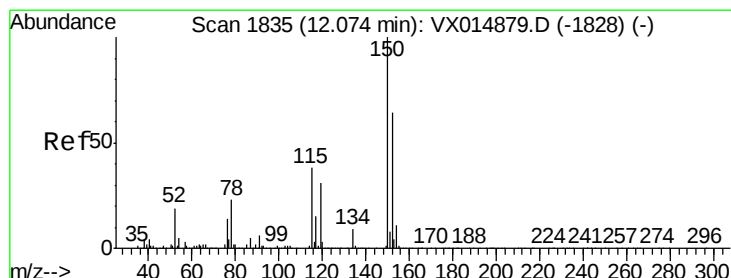
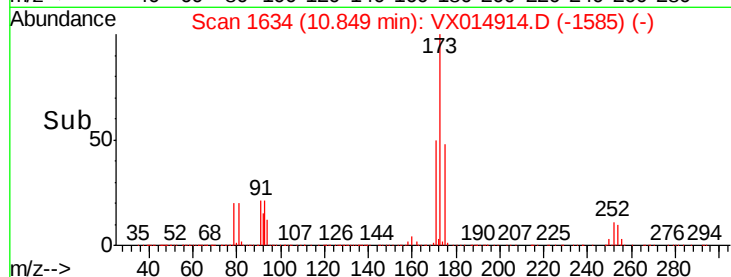
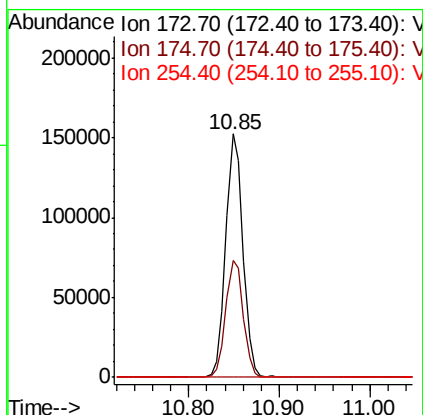
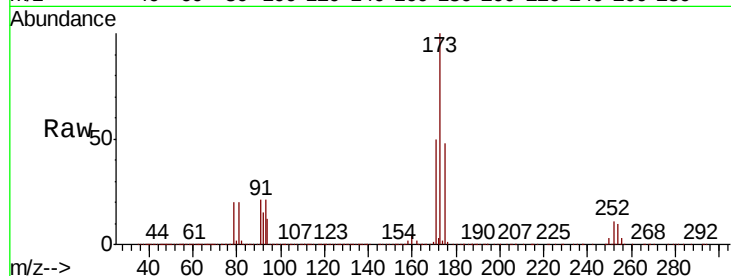




#71
Bromoform
Concen: 50.494 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

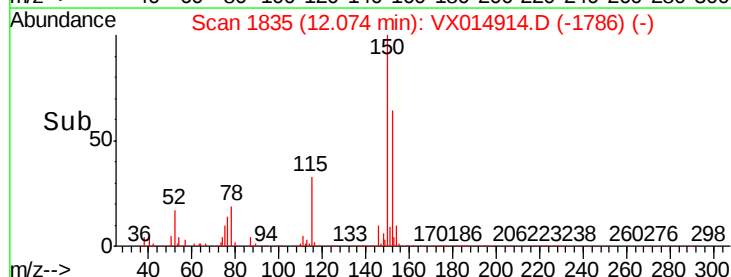
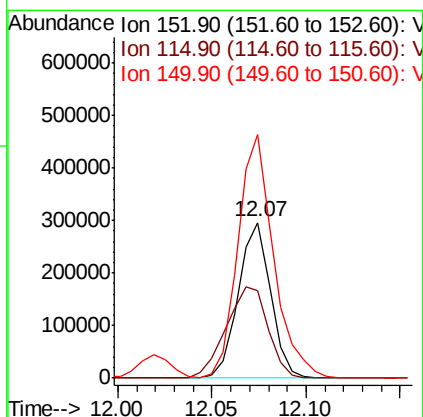
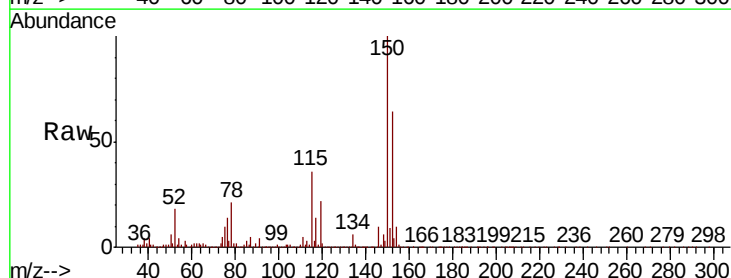
Instrument :
MSVOA_X
ClientSampled :

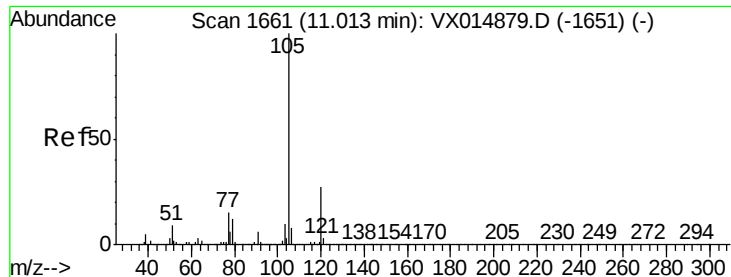
Tot Ion:173 Resp: 201026
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion:152 Resp: 351640
Ion Ratio Lower Upper
152 100
115 75.9 38.6 116.0
150 172.8 0.0 349.0





#73

Isopropylbenzene

Concen: 50.194 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

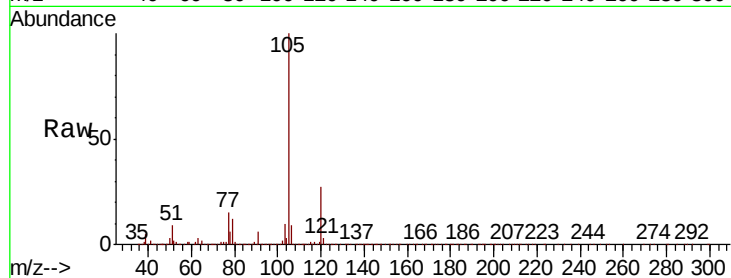
ClientSampleId :

Tot Ion:105 Resp: 1106861

Ion Ratio Lower Upper

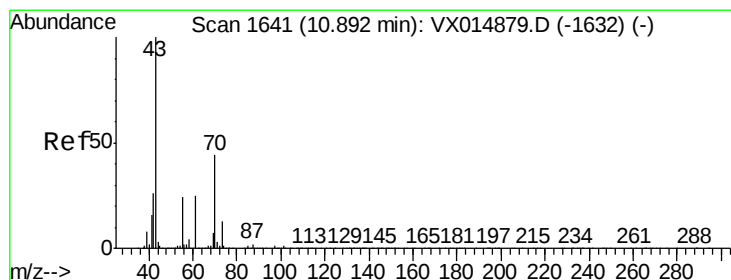
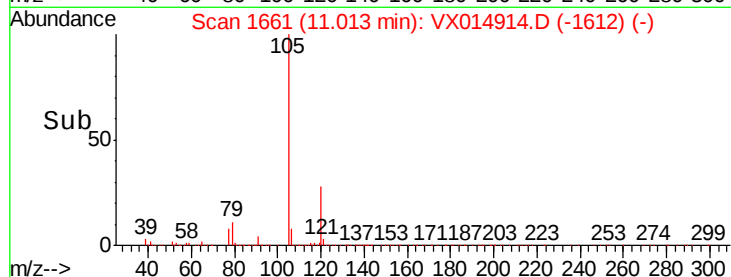
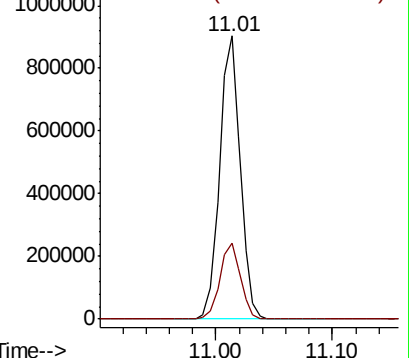
105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.178 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion: 43 Resp: 459758

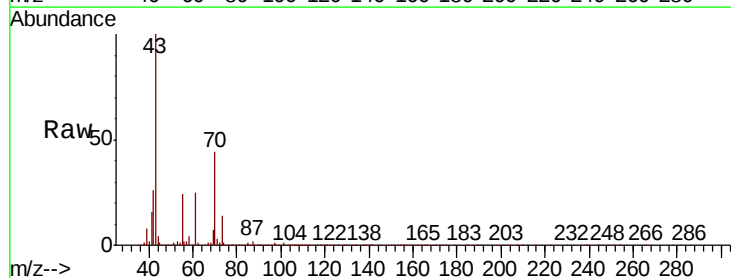
Ion Ratio Lower Upper

43 100

70 43.0 35.0 52.4

55 24.1 19.4 29.2

61 24.6 19.8 29.6

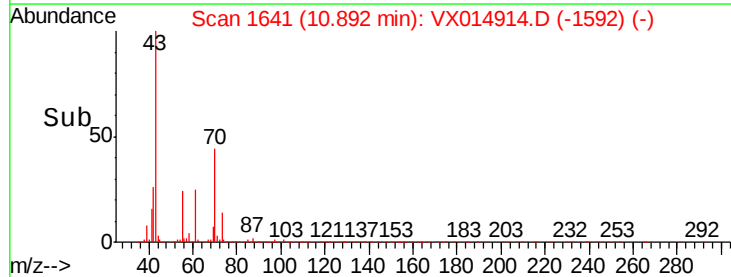
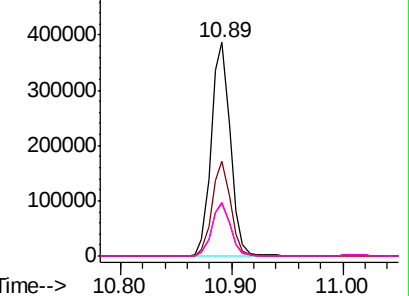


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.320 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

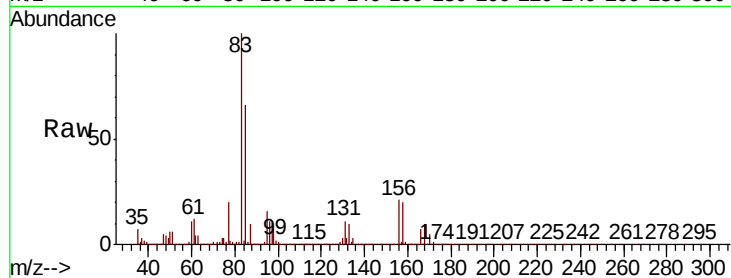
Tot Ion: 83 Resp: 333896

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

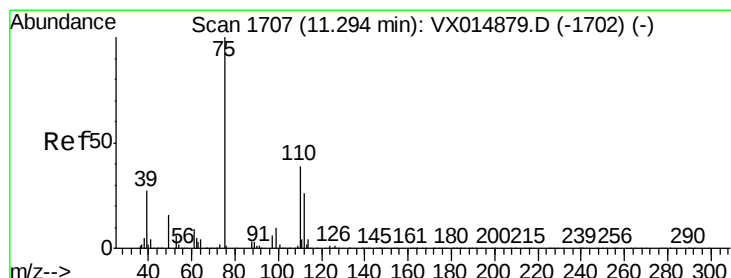
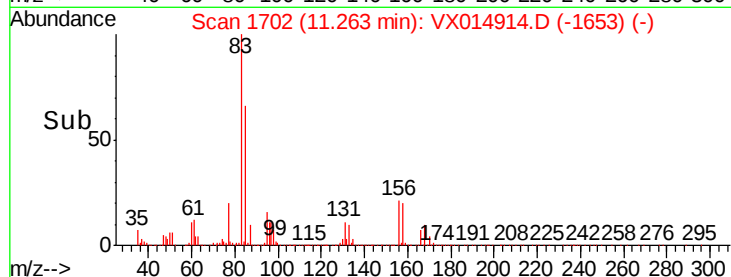
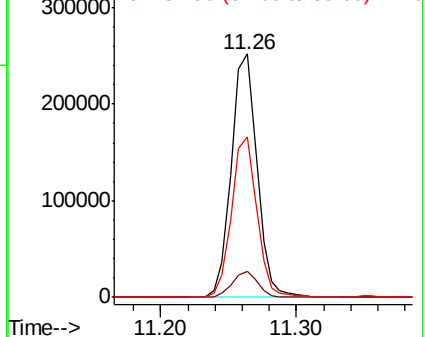
85 64.9 32.6 97.7



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: 62.694 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014914.D

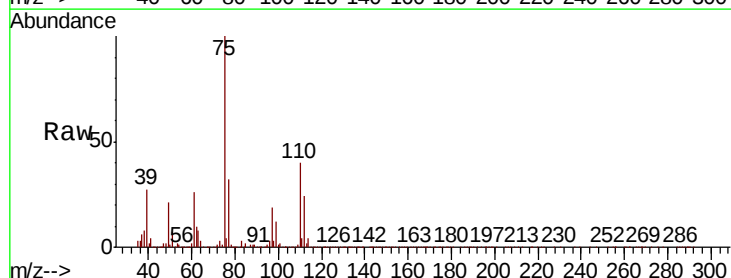
Acq: 11 Feb 2020 16:25

Tgt Ion: 75 Resp: 398661

Ion Ratio Lower Upper

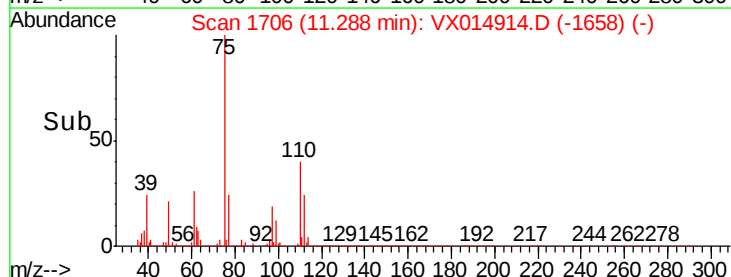
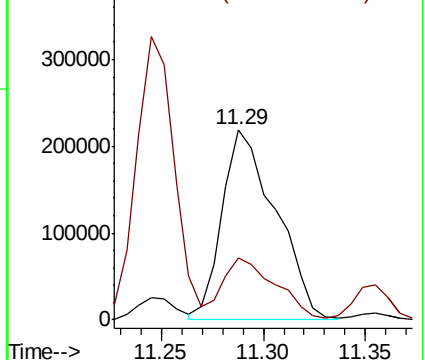
75 100

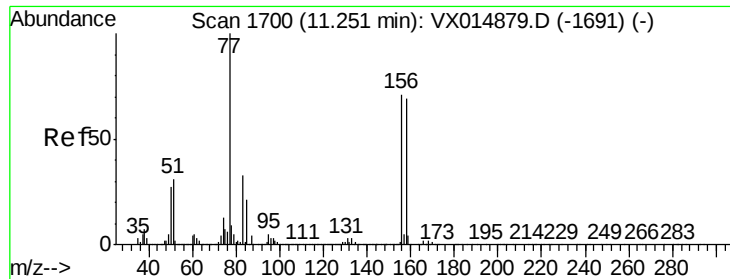
77 32.2 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.026 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

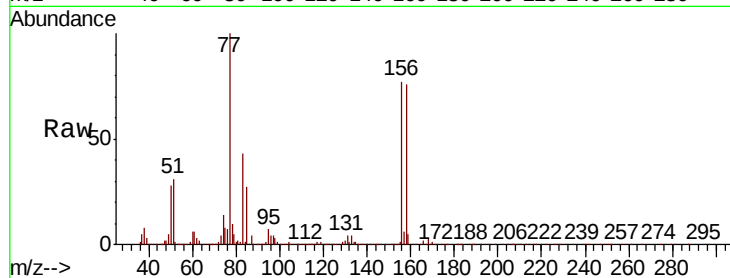
Tot Ion:156 Resp: 295593

Ion Ratio Lower Upper

156 100

77 142.4 74.0 222.0

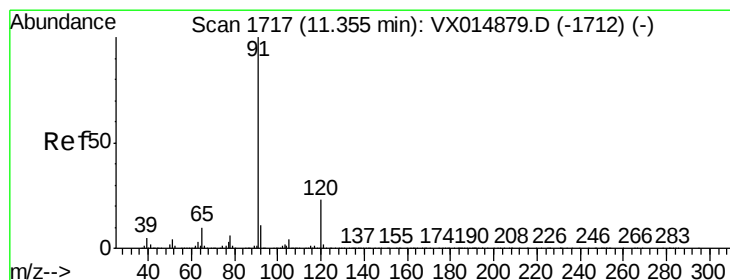
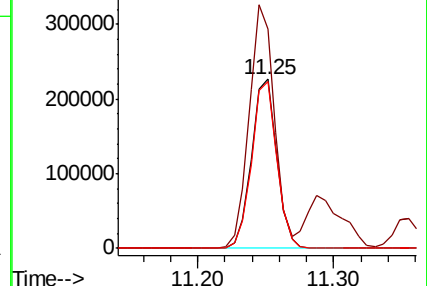
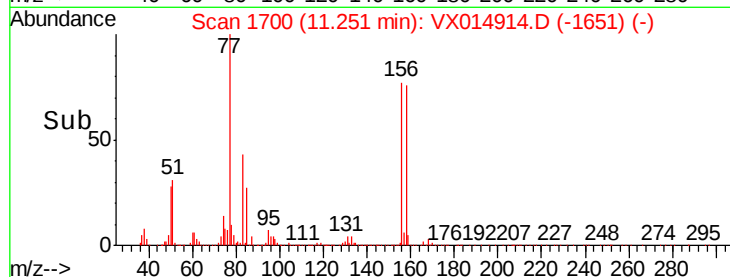
158 98.2 48.9 146.6



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: 50.132 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014914.D

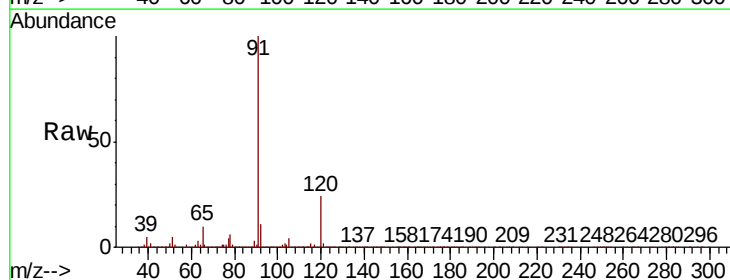
Acq: 11 Feb 2020 16:25

Tgt Ion: 91 Resp: 1278626

Ion Ratio Lower Upper

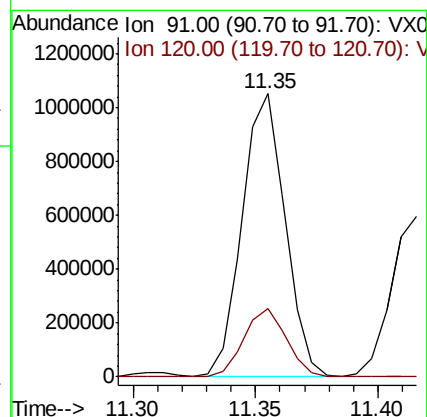
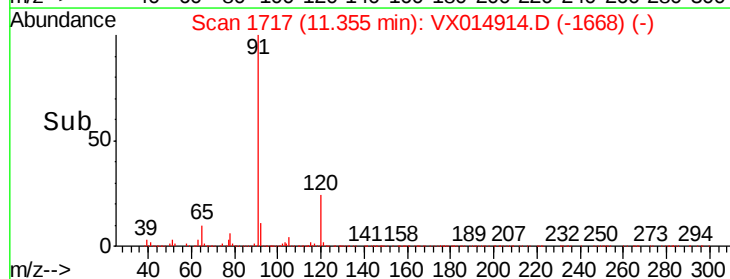
91 100

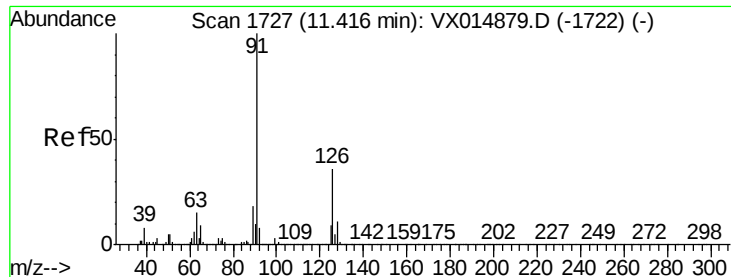
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.268 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

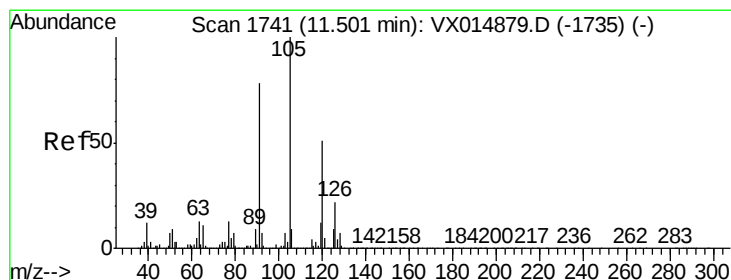
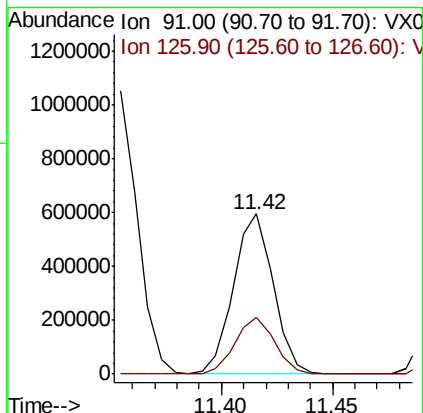
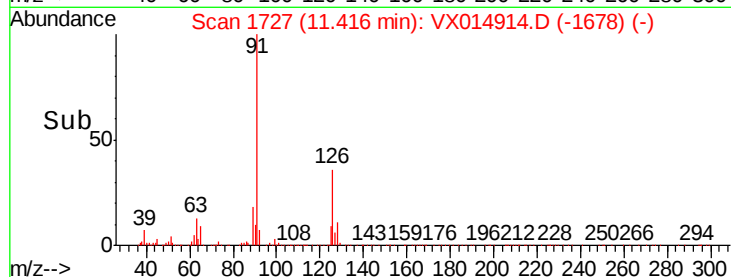
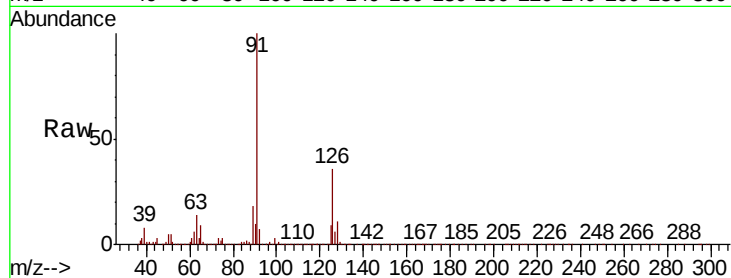
ClientSampleId :

Tot Ion: 91 Resp: 738732

Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 50.119 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014914.D

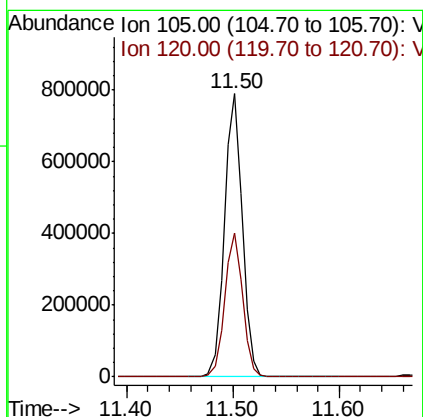
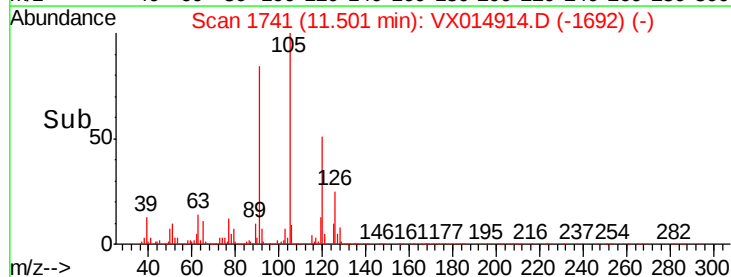
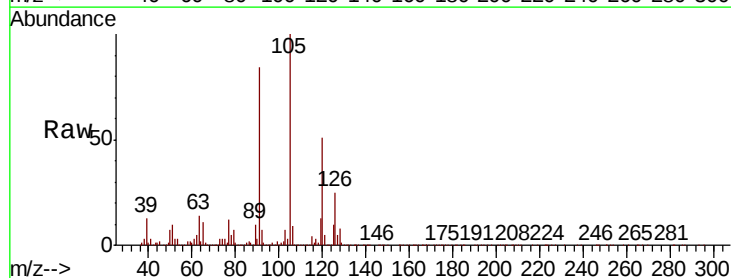
Acq: 11 Feb 2020 16:25

Tgt Ion:105 Resp: 923467

Ion Ratio Lower Upper

105 100

120 50.8 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.473 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

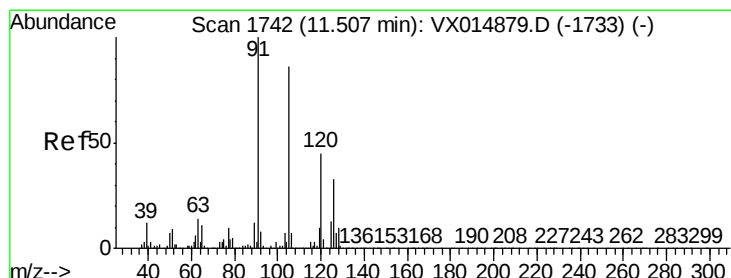
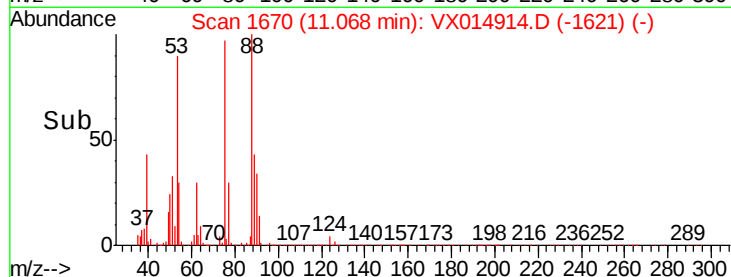
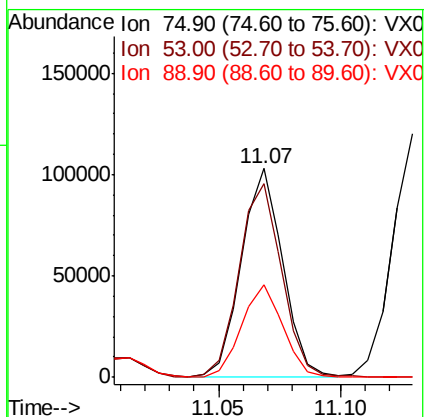
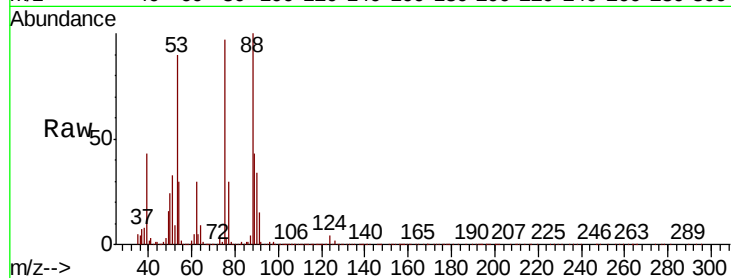
Tot Ion: 75 Resp: 120417

Ion Ratio Lower Upper

75 100

53 95.7 76.2 114.2

89 44.8 35.8 53.6



#82

4-Chlorotoluene

Concen: 48.742 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014914.D

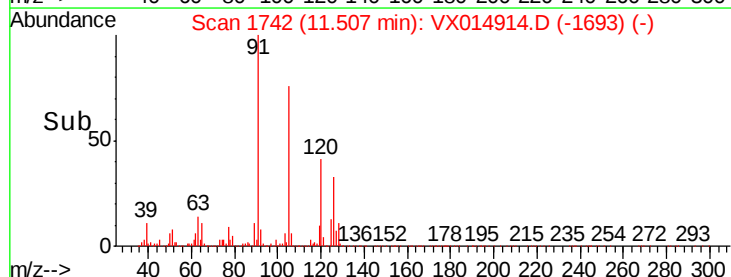
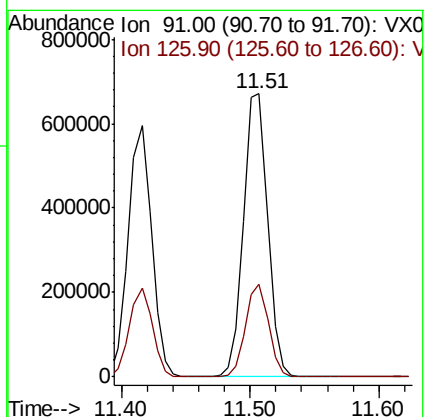
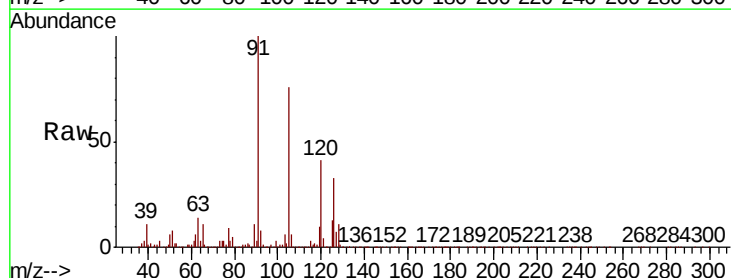
Acq: 11 Feb 2020 16:25

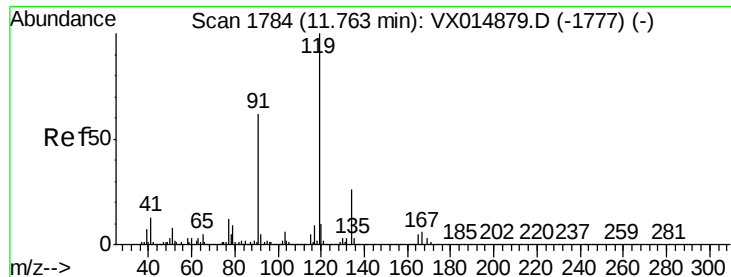
Tgt Ion: 91 Resp: 865485

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0

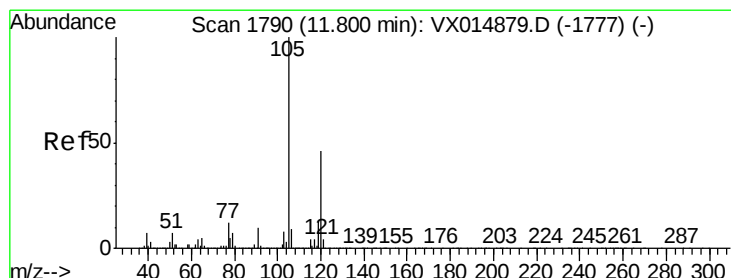
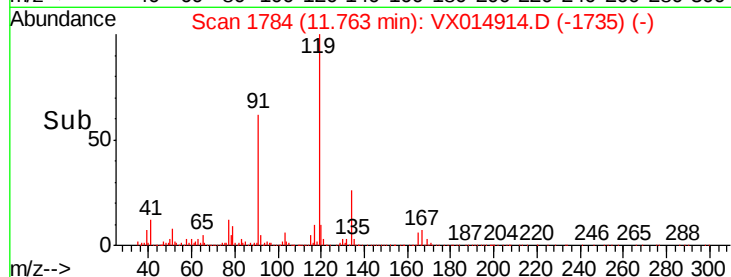
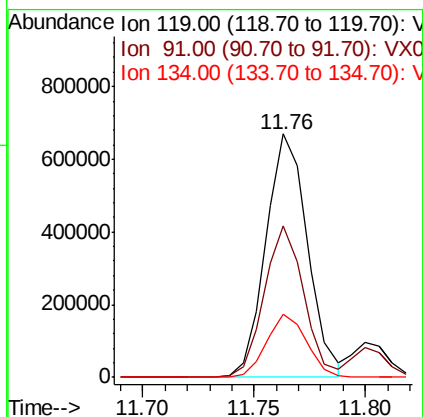
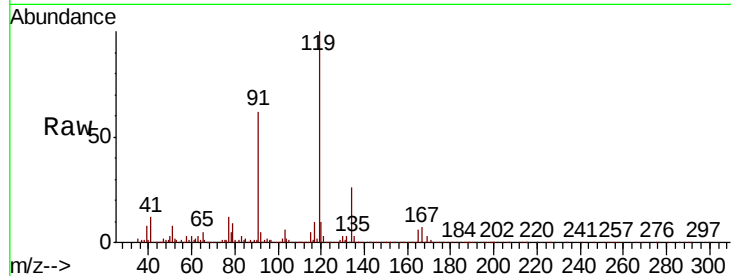




#83
tert-Butylbenzene
Concen: 49.874 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

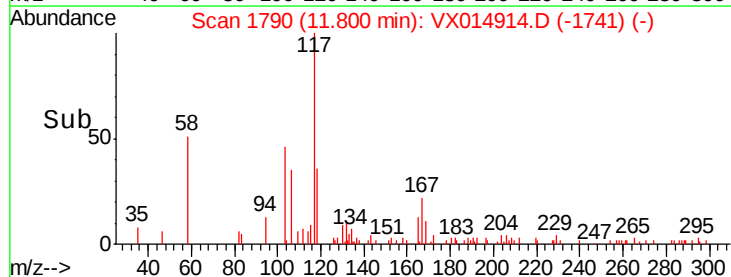
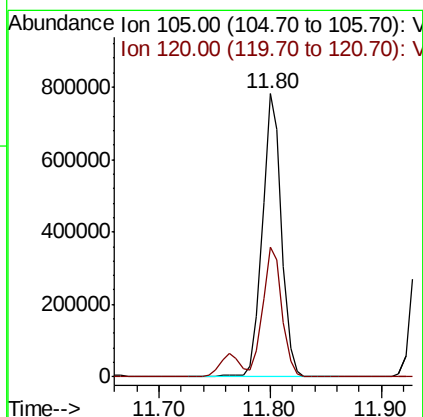
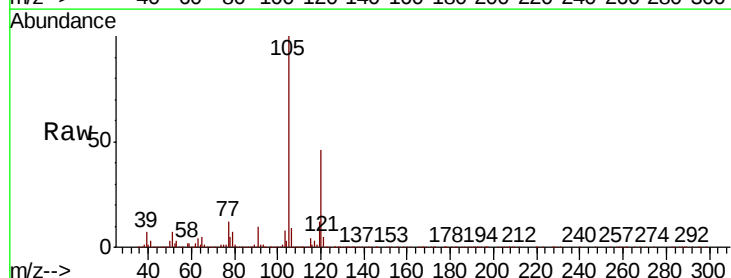
Instrument :
MSVOA_X
ClientSampleId :

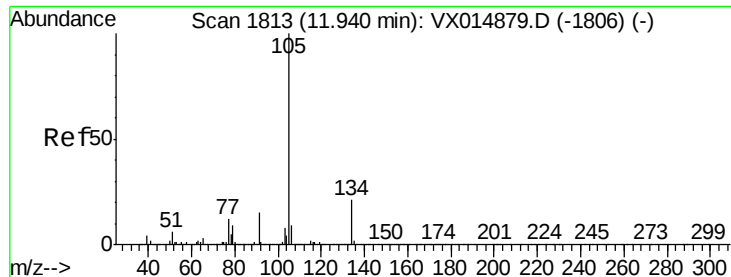
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	29.5	88.6
134	25.0	12.6	37.6



#84
1,2,4-Trimethylbenzene
Concen: 50.558 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0





#85

sec-Butylbenzene

Concen: 50.495 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

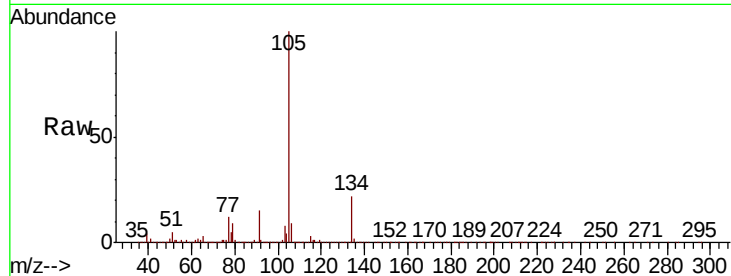
ClientSampleId :

Tot Ion:105 Resp: 1094516

Ion Ratio Lower Upper

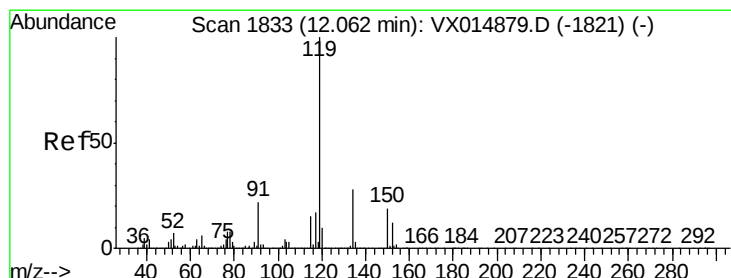
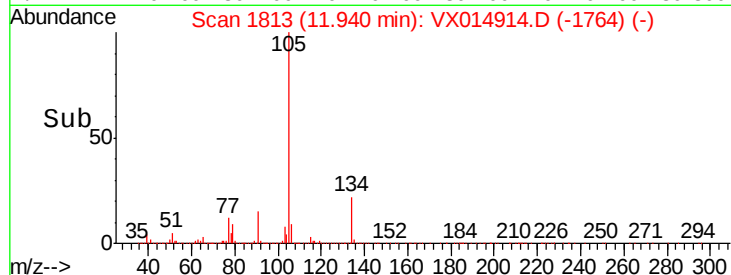
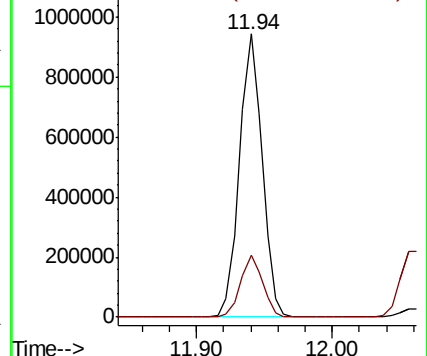
105 100

134 21.3 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.880 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

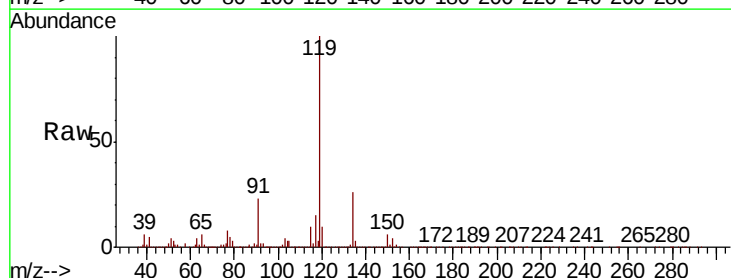
Tgt Ion:119 Resp: 1032037

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

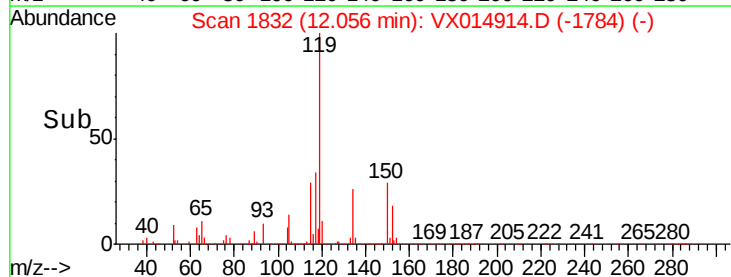
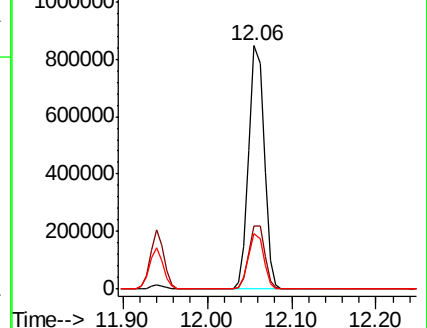
91 22.6 11.4 34.1

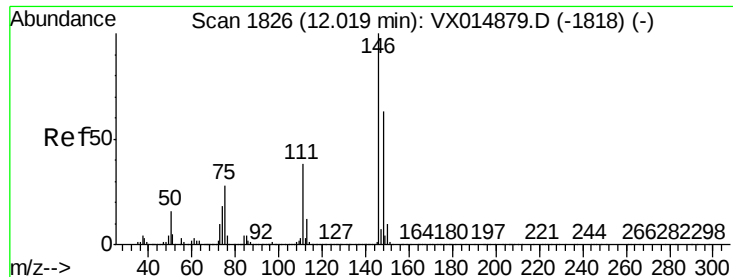


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

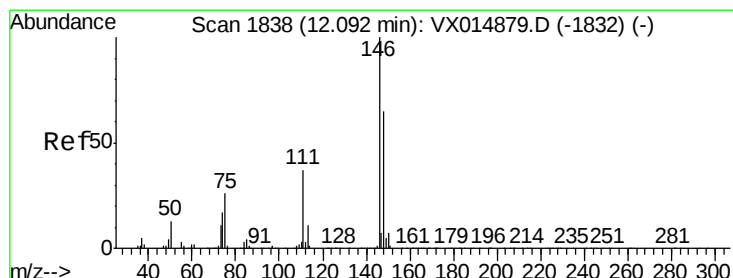
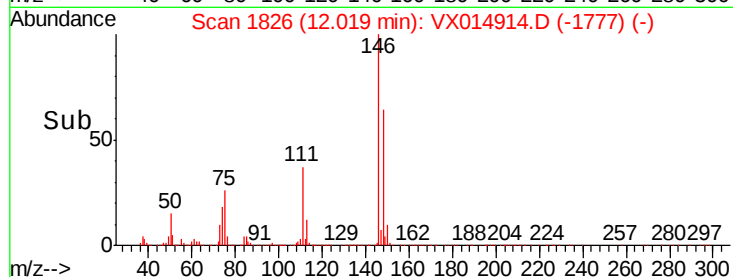
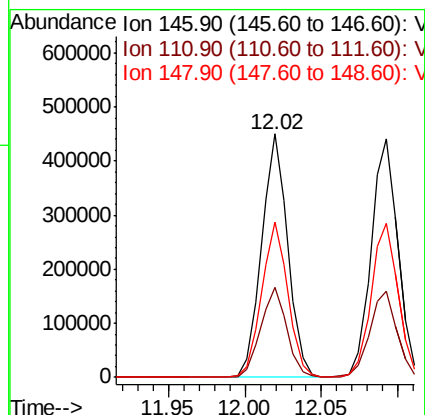
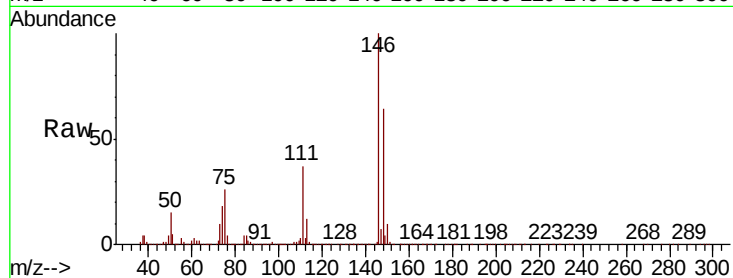




#87
 1,3-Dichlorobenzene
 Concen: 48.765 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

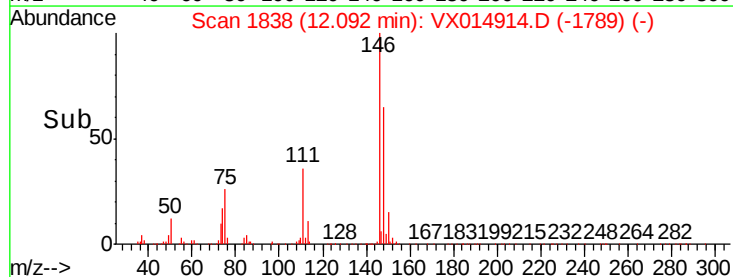
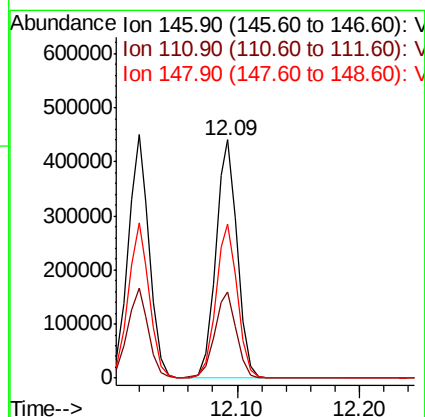
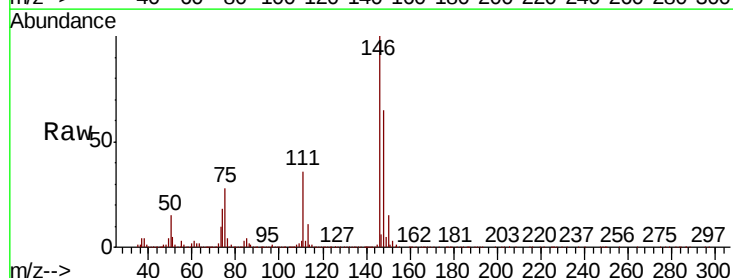
Instrument :
 MSVOA_X
 ClientSampleId :

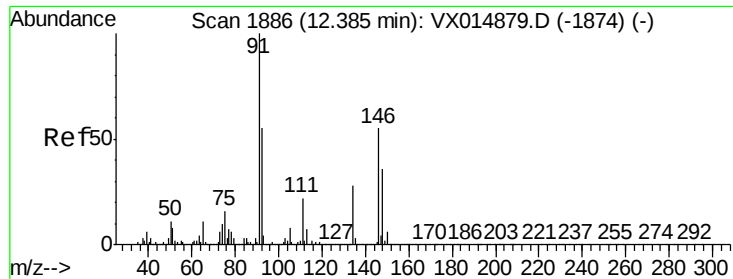
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	56.0
148	63.6	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 47.700 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.7	32.4	97.0





#89

n-Butylbenzene

Concen: 51.195 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampleId :

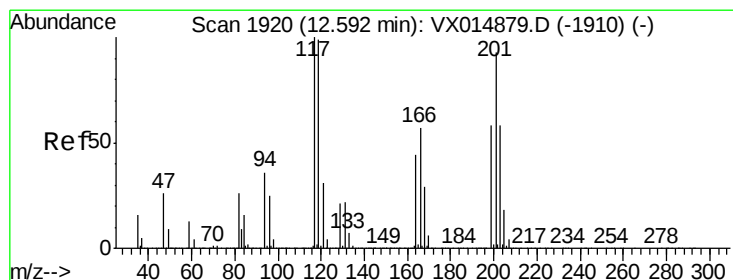
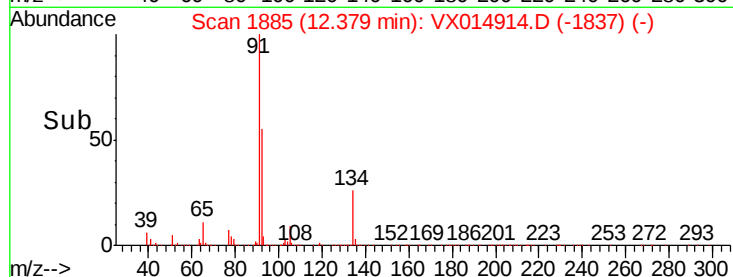
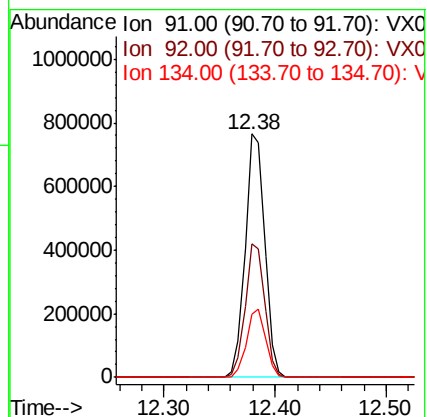
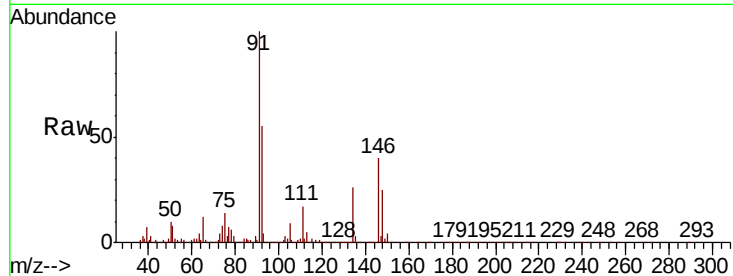
Tot Ion: 91 Resp: 930006

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 49.963 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014914.D

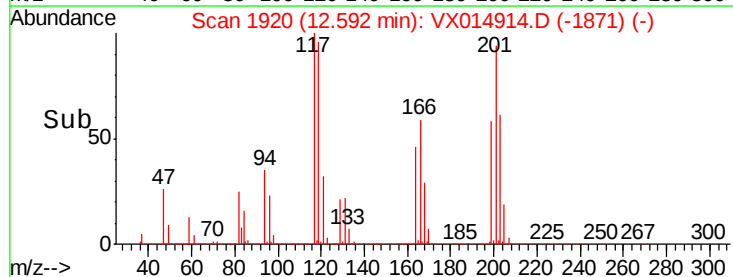
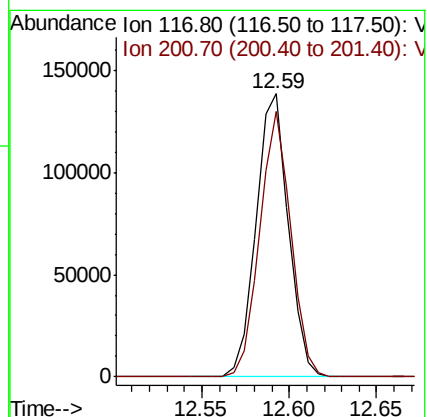
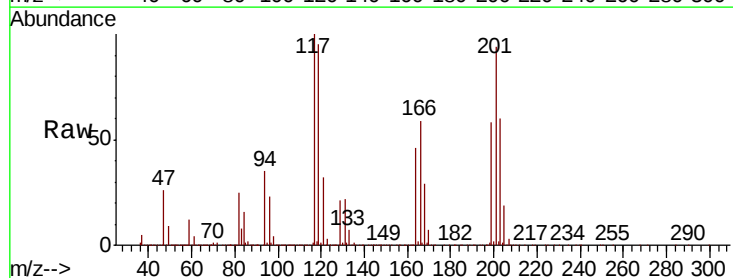
Acq: 11 Feb 2020 16:25

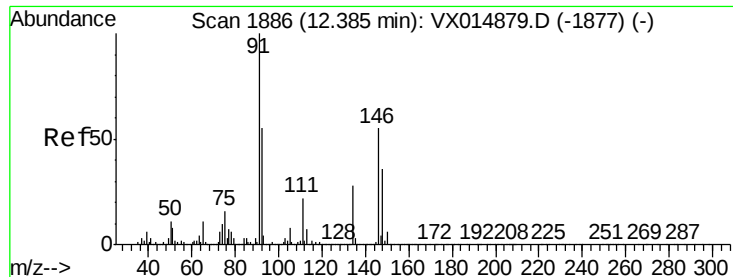
Tgt Ion: 117 Resp: 176982

Ion Ratio Lower Upper

117 100

201 90.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 48.048 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014914.D

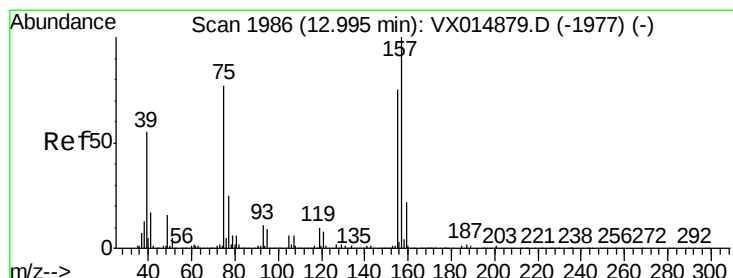
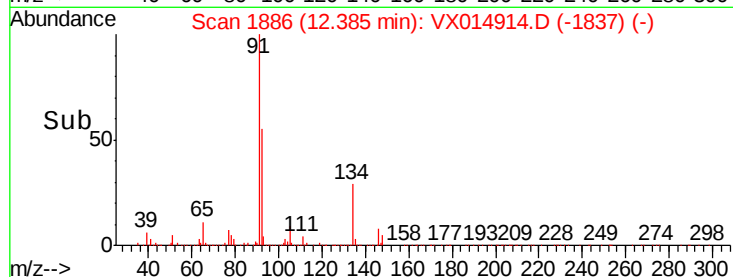
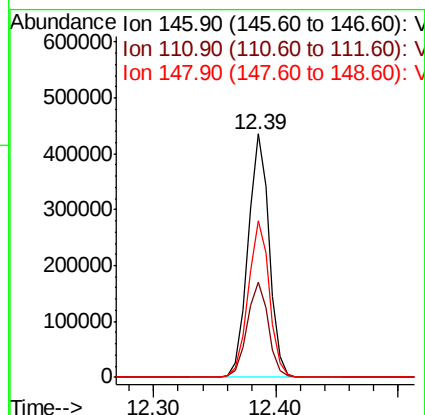
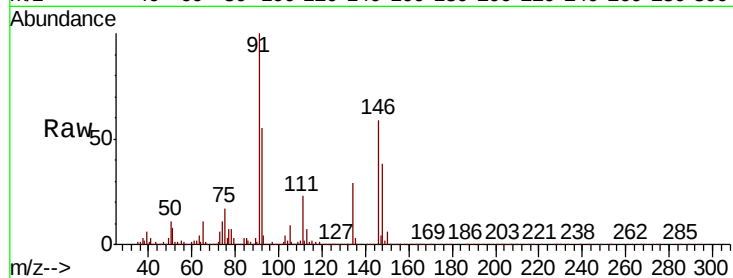
Acq: 11 Feb 2020 16:25

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	520278
Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	64.2	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.154 ug/l

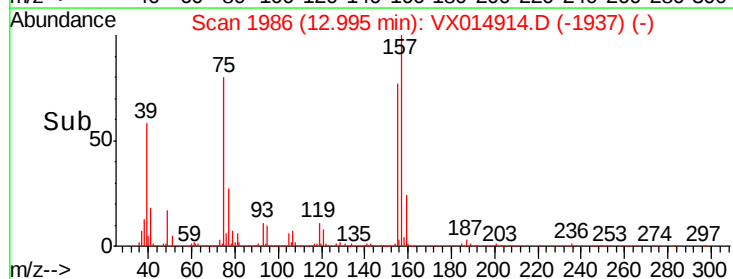
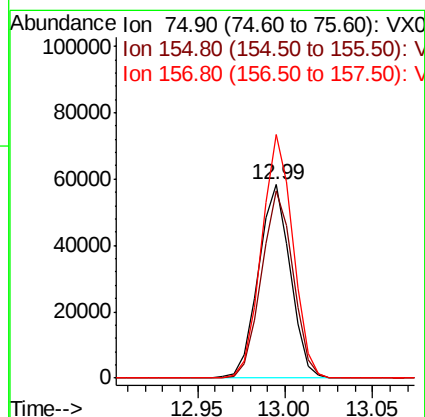
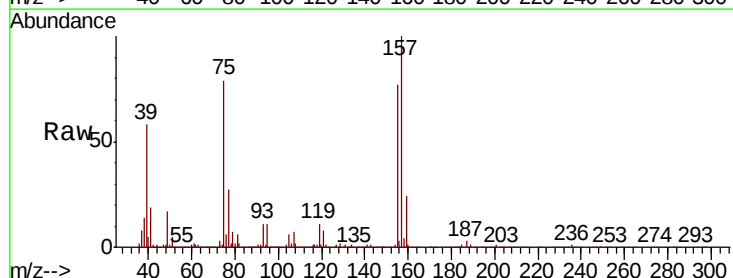
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014914.D

Acq: 11 Feb 2020 16:25

Tgt Ion:	75	Resp:	72980
Ion	Ratio	Lower	Upper
75	100		
155	97.2	48.6	145.9
157	125.2	62.0	186.0

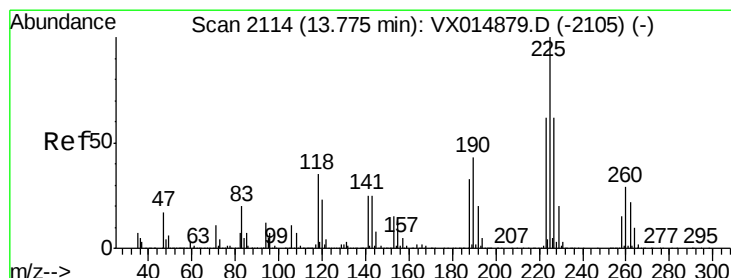
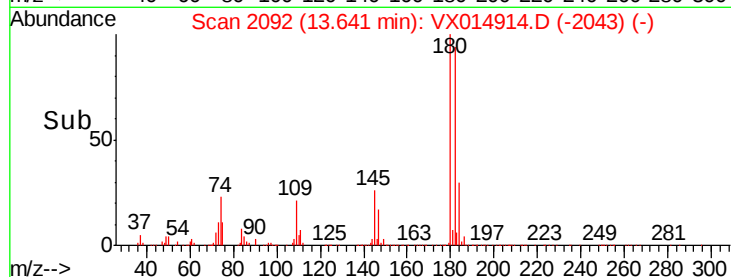
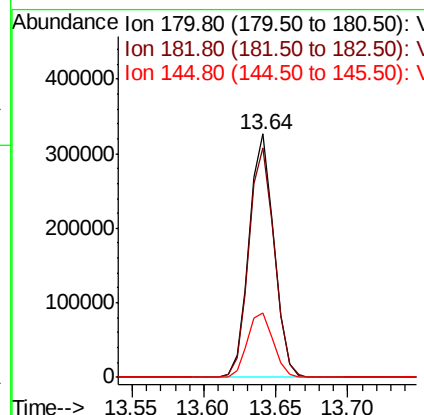
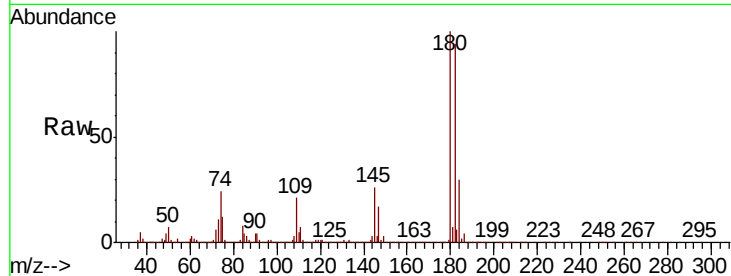




#93
 1,2,4-Trichlorobenzene
 Concen: 48.662 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

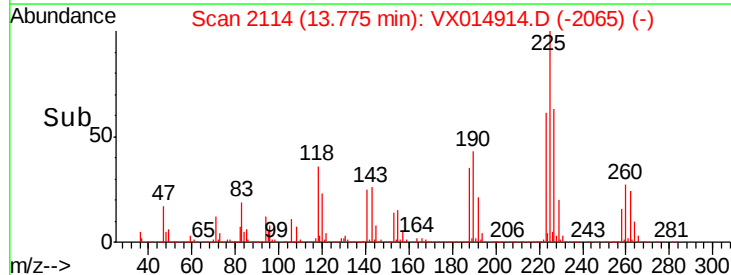
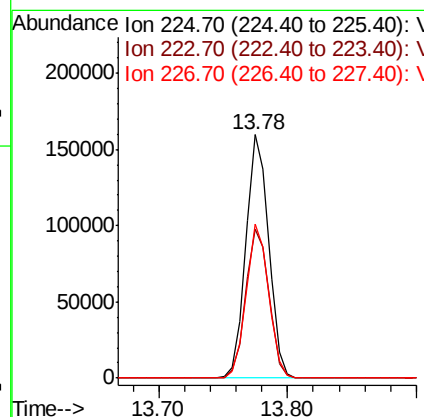
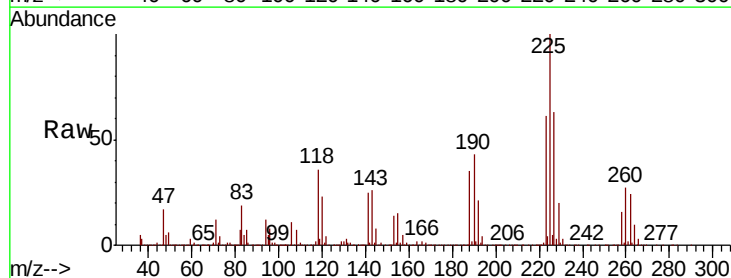
Instrument :
 MSVOA_X
 ClientSampleId :

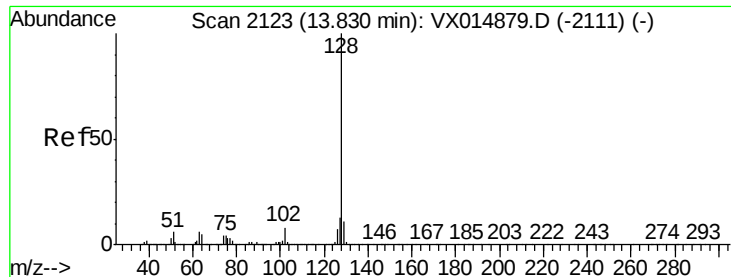
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.3
145	27.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 50.372 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014914.D
 Acq: 11 Feb 2020 16:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	62.0	30.9	92.5

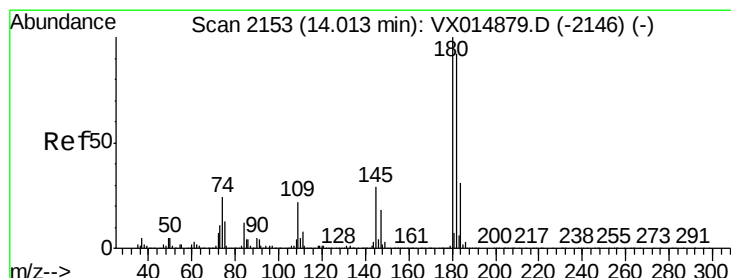
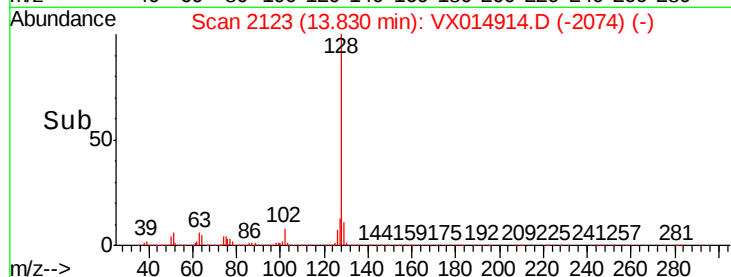
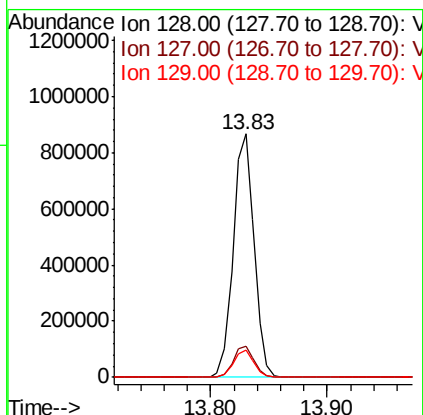
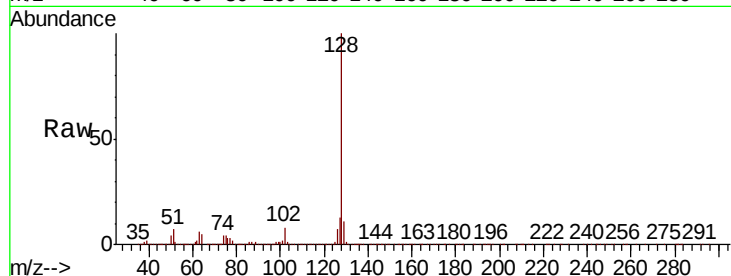




#95
Naphthalene
Concen: 50.825 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1080060
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.833 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014914.D
Acq: 11 Feb 2020 16:25

Tgt Ion:180 Resp: 384796
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 29.4 14.5 43.5

