

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014740.D
 Acq On : 28 Jan 2020 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:15:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	618819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	250375	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.48	113	206163	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	8.71	98	799092	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.13	95	286515	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	291573	46.497	ug/l	99
3) Chloromethane	1.32	50	286373	45.274	ug/l	99
4) Vinyl Chloride	1.41	62	330451	48.318	ug/l	99
5) Bromomethane	1.63	94	205281	44.191	ug/l	100
6) Chloroethane	1.72	64	186465	47.588	ug/l	98
7) Trichlorofluoromethane	1.92	101	368353	46.256	ug/l	99
8) Diethyl Ether	2.18	74	159354	45.846	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	226168	48.380	ug/l	99
10) Methyl Iodide	2.50	142	304727	49.677	ug/l	99
11) Tert butyl alcohol	3.03	59	237166	193.474	ug/l	99
12) 1,1-Dichloroethene	2.37	96	213184	45.866	ug/l	96
13) Acrolein	2.28	56	303060	313.552	ug/l	99
14) Allyl chloride	2.72	41	386047	46.209	ug/l	99
15) Acrylonitrile	3.13	53	626497	220.886	ug/l	99
16) Acetone	2.43	43	607132	202.917	ug/l	98
17) Carbon Disulfide	2.56	76	567161	44.646	ug/l	99
18) Methyl Acetate	2.76	43	381759	44.693	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	719036	47.230	ug/l	100
20) Methylene Chloride	2.85	84	249207	45.006	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	232467	45.424	ug/l	99
22) Diisopropyl ether	3.84	45	795897	47.883	ug/l	97
23) Vinyl Acetate	3.80	43	3098755	244.565	ug/l	100
24) 1,1-Dichloroethane	3.69	63	424474	47.024	ug/l	99
25) 2-Butanone	4.65	43	915513	213.534	ug/l	97
26) 2,2-Dichloropropane	4.57	77	345609	47.834	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	264026	46.096	ug/l	100
28) Bromochloromethane	5.00	49	172365	43.453	ug/l	97
29) Tetrahydrofuran	5.11	42	564901	221.994	ug/l	99
30) Chloroform	5.20	83	421687	47.158	ug/l	98
31) Cyclohexane	5.57	56	393717	46.374	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	355474	47.030	ug/l	99
36) 1,1-Dichloropropene	5.79	75	324926	51.469	ug/l	99
37) Ethyl Acetate	4.81	43	339529	46.957	ug/l	99
38) Carbon Tetrachloride	5.78	117	310575	51.511	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	408409	51.640	ug/l	97
40) Benzene	6.13	78	968193	49.635	ug/l	100
41) Methacrylonitrile	5.03	41	195383	47.351	ug/l	99
42) 1,2-Dichloroethane	6.18	62	340883	50.607	ug/l	100
43) Isopropyl Acetate	6.43	43	564070	47.639	ug/l	100
44) Trichloroethene	7.20	130	268217	48.680	ug/l	99
45) 1,2-Dichloropropane	7.50	63	254027	50.550	ug/l	98
46) Dibromomethane	7.65	93	162069	49.796	ug/l	99
47) Bromodichloromethane	7.89	83	329066	51.551	ug/l	97
48) Methyl methacrylate	7.76	41	280301	49.547	ug/l	98
49) 1,4-Dioxane	7.73	88	104441	870.912	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	1767426	236.505	ug/l	99
52) Toluene	8.78	92	612264	51.062	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	357821	52.059	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	404558	53.503	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	248451	50.609	ug/l	97
56) Ethyl methacrylate	9.17	69	384746	46.363	ug/l	100
57) 1,3-Dichloropropane	9.36	76	416609	49.643	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	643775	260.756	ug/l	99
59) 2-Hexanone	9.48	43	1407718	242.751	ug/l	99
60) Dibromochloromethane	9.57	129	264809	51.679	ug/l	99
61) 1,2-Dibromoethane	9.67	107	258428	49.789	ug/l	99
64) Tetrachloroethene	9.33	164	289971	47.338	ug/l	97
65) Chlorobenzene	10.13	112	663023	50.092	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	246476	50.505	ug/l	100
67) Ethyl Benzene	10.25	91	1173633	51.929	ug/l	100
68) m/p-Xylenes	10.36	106	898570	104.947	ug/l	99
69) o-Xylene	10.69	106	428354	51.822	ug/l	100
70) Styrene	10.71	104	749791	54.075	ug/l	100
71) Bromoform	10.85	173	201138	51.827	ug/l #	100
73) Isopropylbenzene	11.01	105	1158674	51.184	ug/l	100
74) N-amyl acetate	10.89	43	493298	49.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	368166	45.550	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	430655	57.494	ug/l	91
77) Bromobenzene	11.25	156	297266	48.880	ug/l	98
78) n-propylbenzene	11.35	91	1337353	52.046	ug/l	99
79) 2-Chlorotoluene	11.42	91	787617	50.659	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	973285	51.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124327	47.235	ug/l	98
82) 4-Chlorotoluene	11.51	91	912806	51.571	ug/l	100
83) tert-Butylbenzene	11.76	119	912653	51.694	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	981618	52.088	ug/l	99
85) sec-Butylbenzene	11.94	105	1142625	52.830	ug/l	100
86) p-Isopropyltoluene	12.06	119	1064780	53.271	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	538532	49.273	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	535228	48.888	ug/l	99
89) n-Butylbenzene	12.39	91	928774	53.352	ug/l	99
90) Hexachloroethane	12.59	117	184329	49.649	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	538393	49.598	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	77371	44.554	ug/l	97

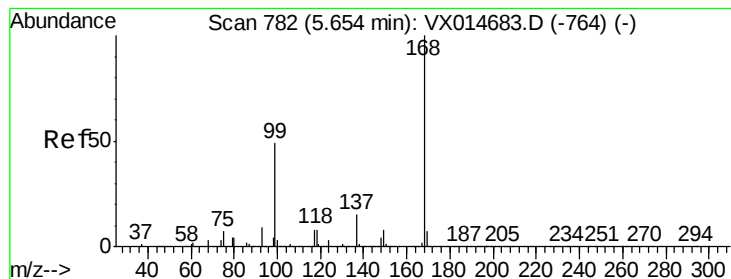
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	369412	52.784	ug/l	99
94) Hexachlorobutadiene	13.78	225	186093	51.663	ug/l	98
95) Naphthalene	13.83	128	1066574	47.311	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	371035	52.431	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

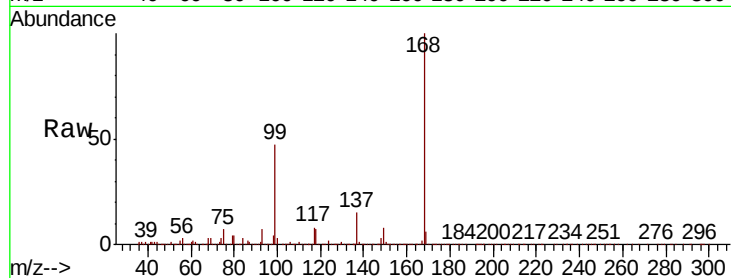
ClientSampleId :

Tot Ion:168 Resp: 467561

Ion Ratio Lower Upper

168 100

99 47.3 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

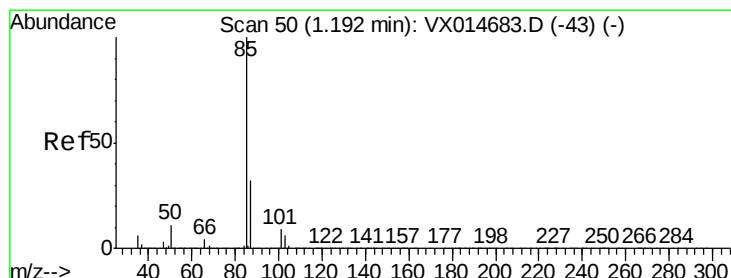
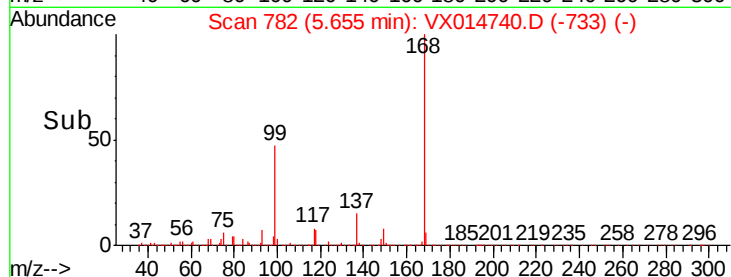
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.497 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014740.D

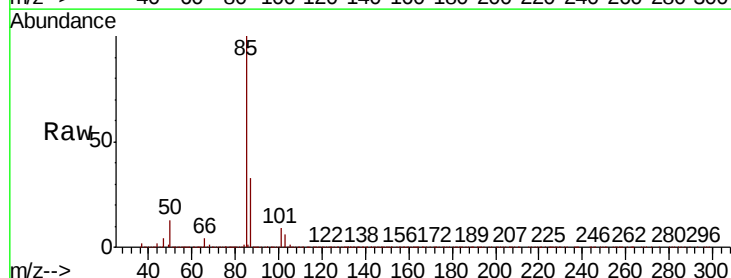
Acq: 28 Jan 2020 10:17

Tgt Ion: 85 Resp: 291573

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

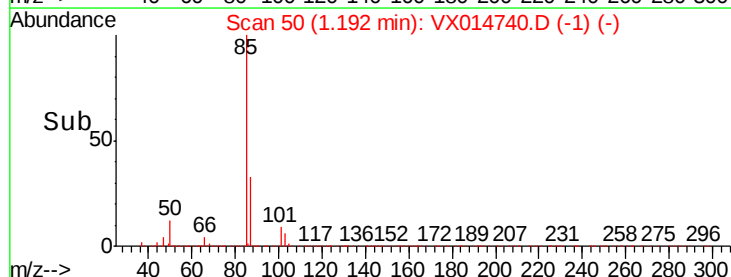
200000

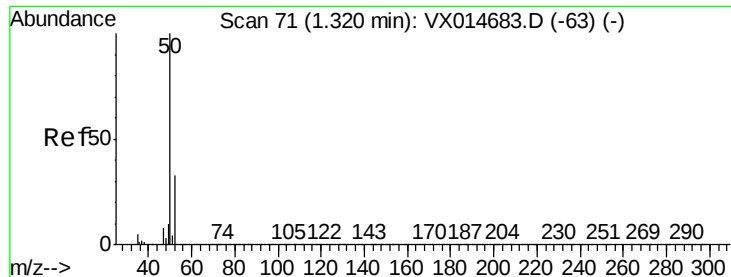
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0

1.15 1.20 1.25 1.30

Time-->

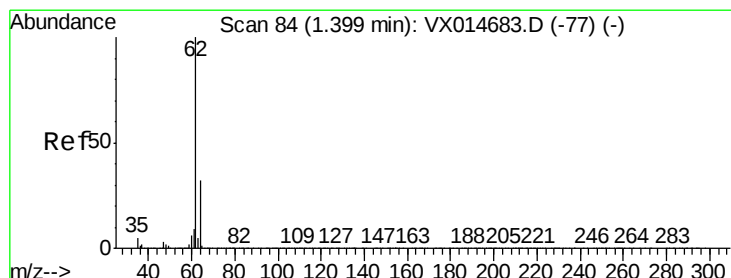
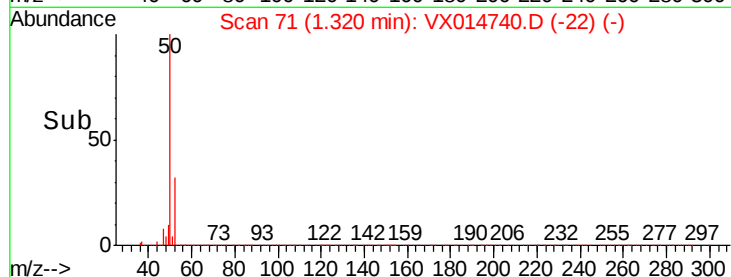
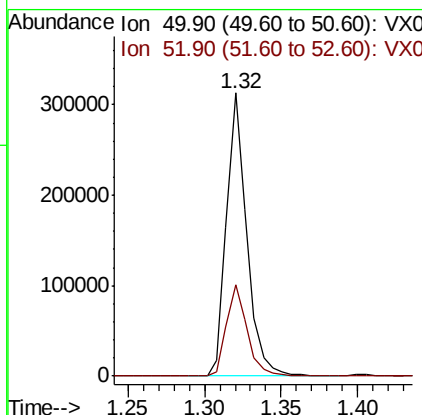
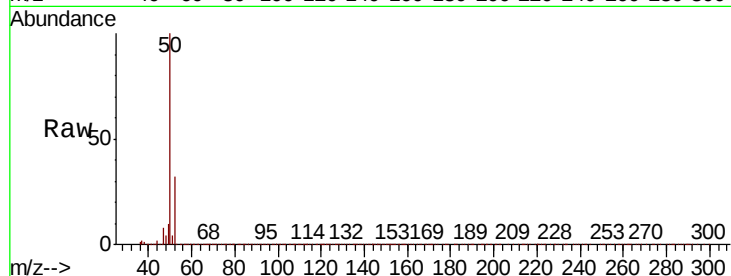




#3
Chloromethane
Concen: 45.274 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

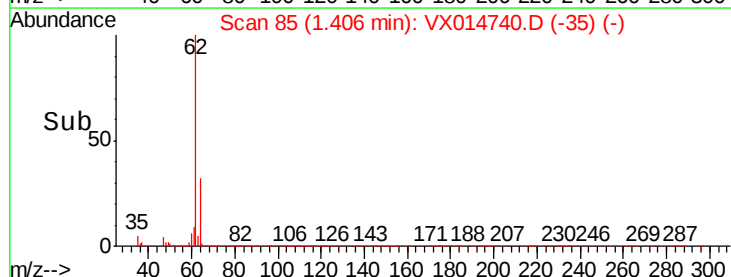
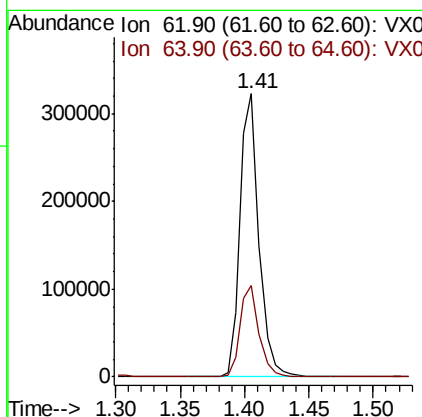
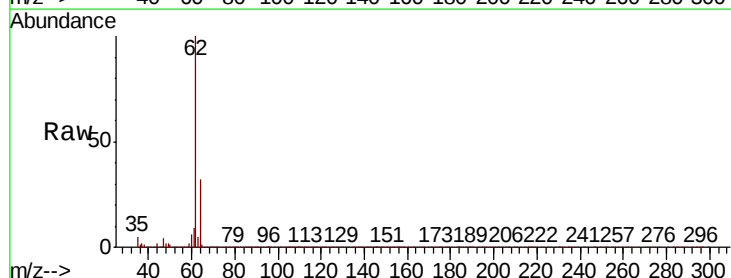
Instrument :
MSVOA_X
ClientSampleId :

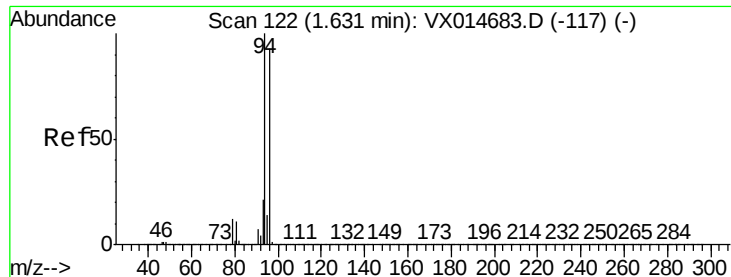
Tot Ion: 50 Resp: 286373
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2



#4
Vinyl Chloride
Concen: 48.318 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 62 Resp: 330451
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5

Bromomethane

Concen: 44.191 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

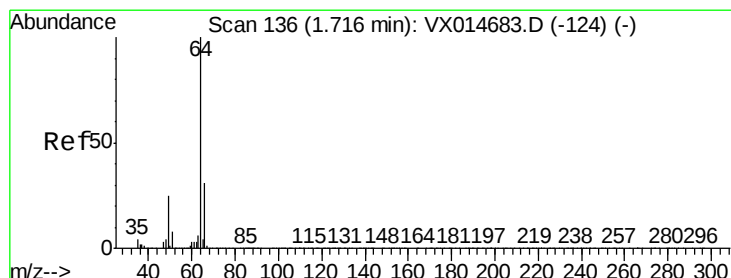
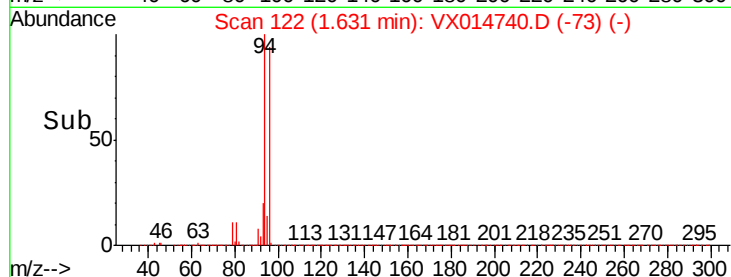
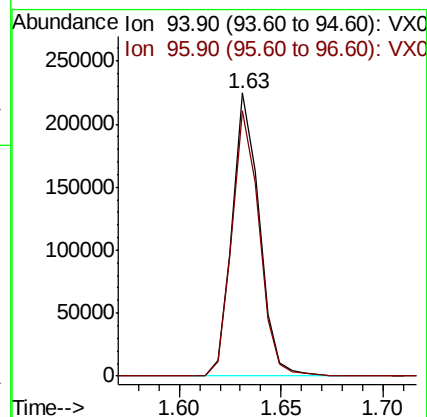
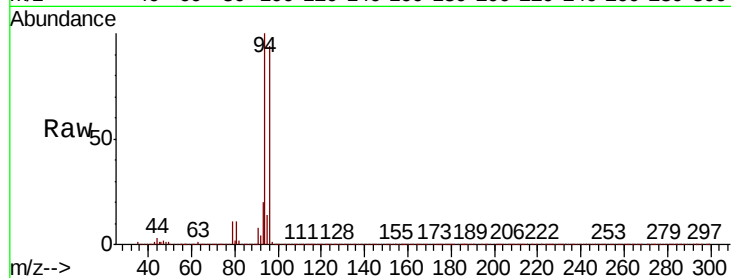
ClientSampled :

Tot Ion: 94 Resp: 205281

Ion Ratio Lower Upper

94 100

96 93.6 74.7 112.1



#6

Chloroethane

Concen: 47.588 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014740.D

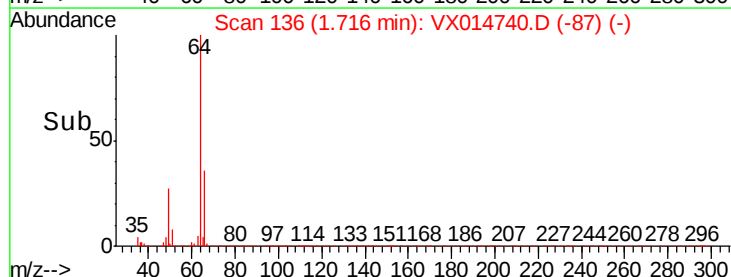
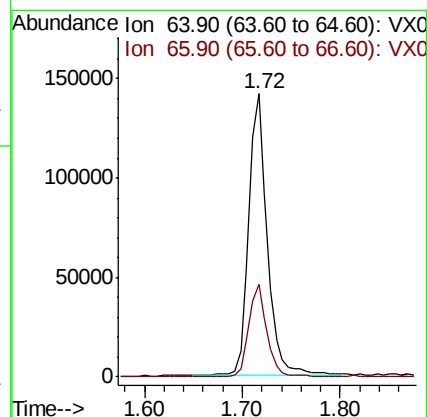
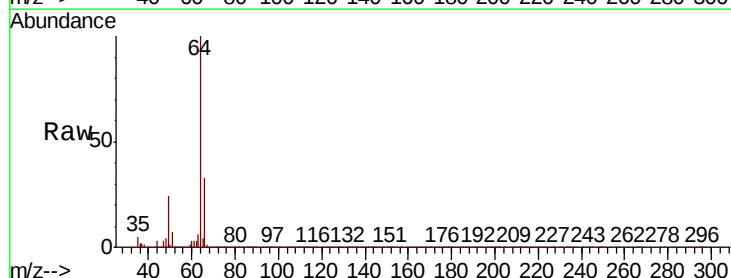
Acq: 28 Jan 2020 10:17

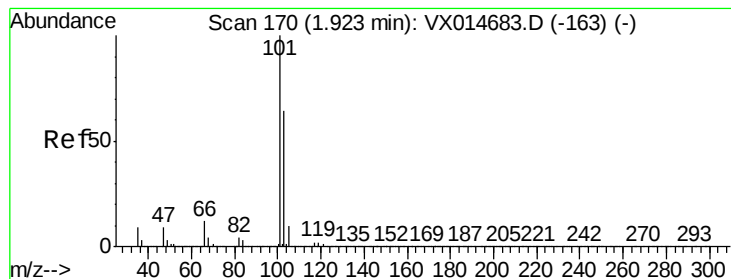
Tgt Ion: 64 Resp: 186465

Ion Ratio Lower Upper

64 100

66 32.6 25.2 37.8



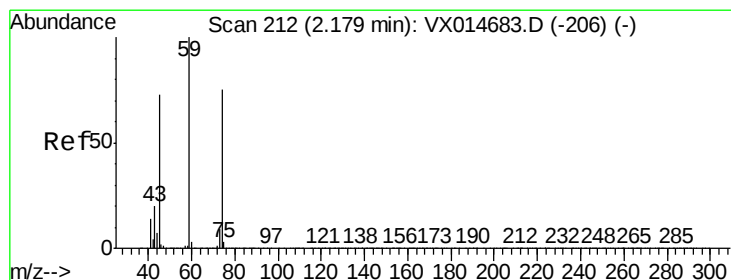
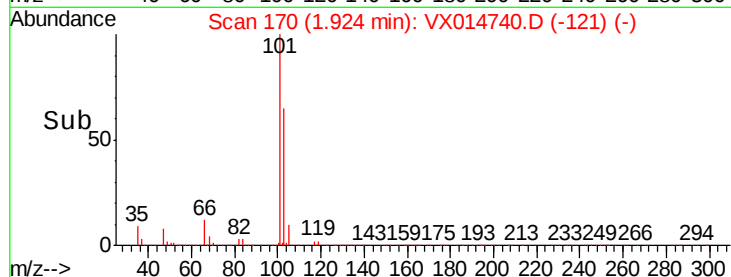
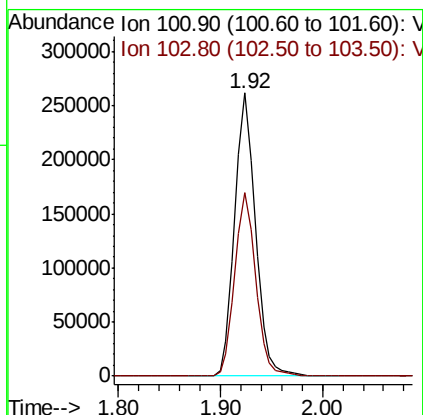
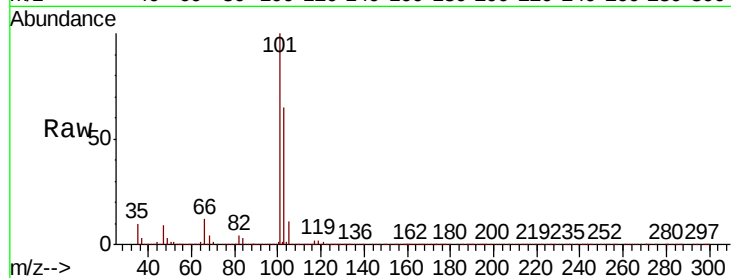


#7

Trichlorofluoromethane
Concen: 46.256 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

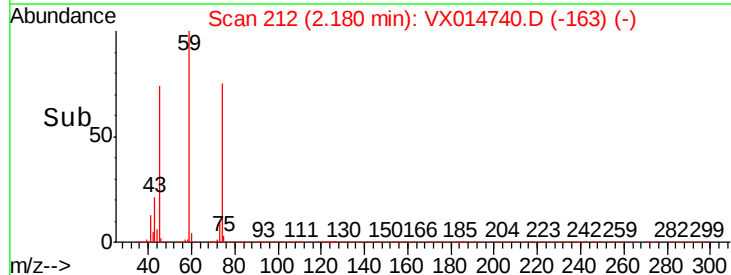
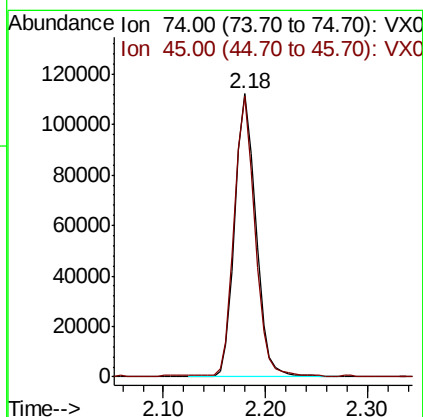
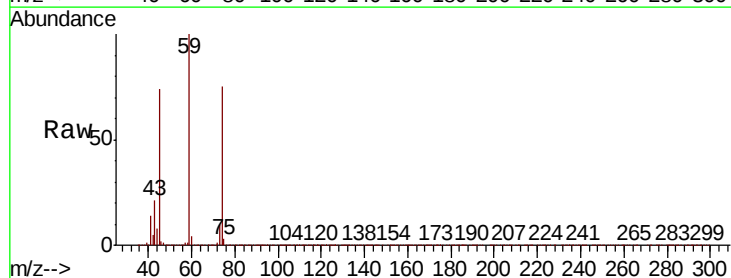
Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.0	76.6

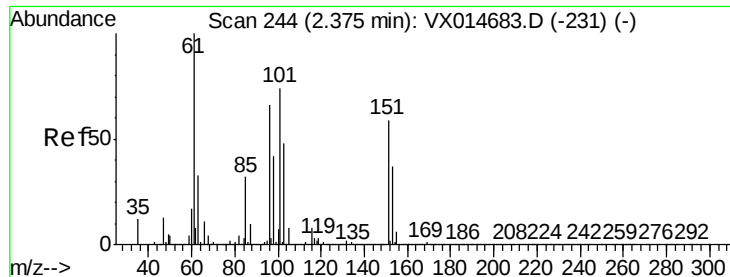


#8

Diethyl Ether
Concen: 45.846 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.380 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

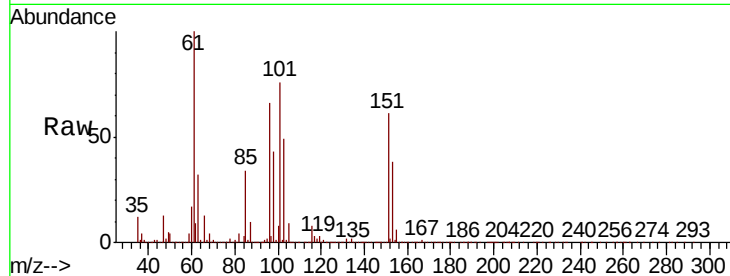
Tot Ion:101 Resp: 226168

Ion Ratio Lower Upper

101 100

85 42.3 34.7 52.1

151 80.2 64.7 97.1

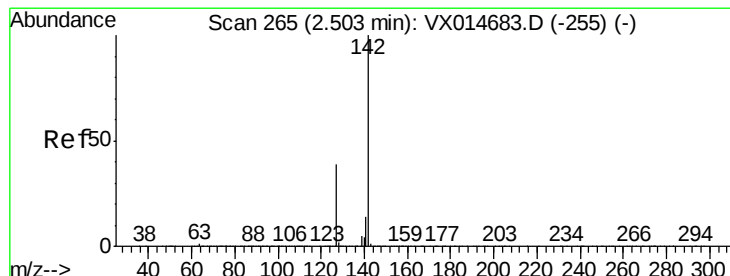
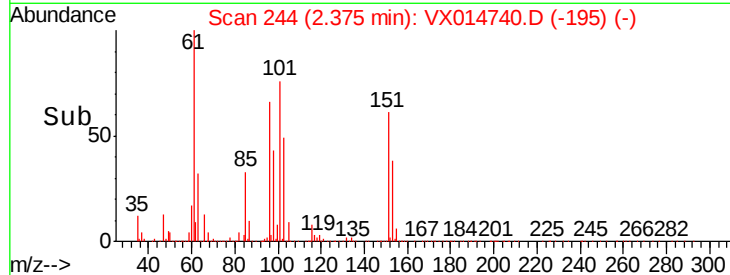
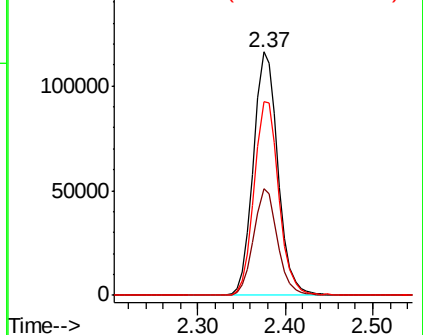


Abundance

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: 49.677 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

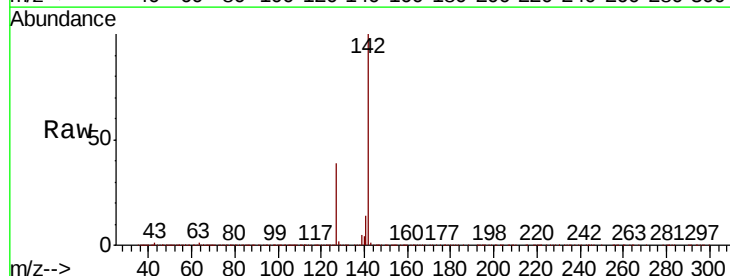
Tgt Ion:142 Resp: 304727

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

141 14.2 11.3 16.9

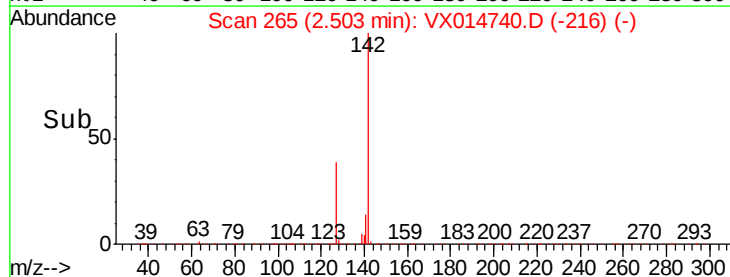
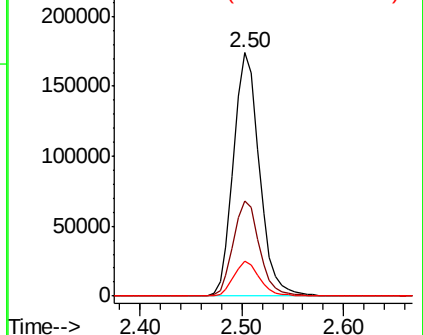


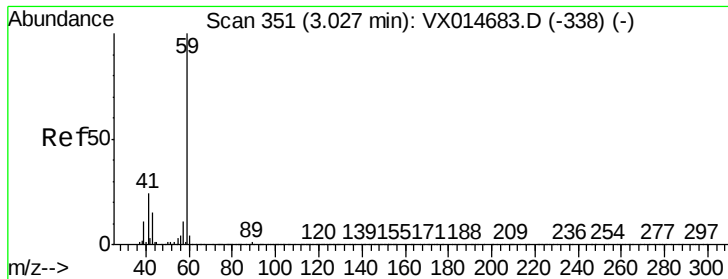
Abundance

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

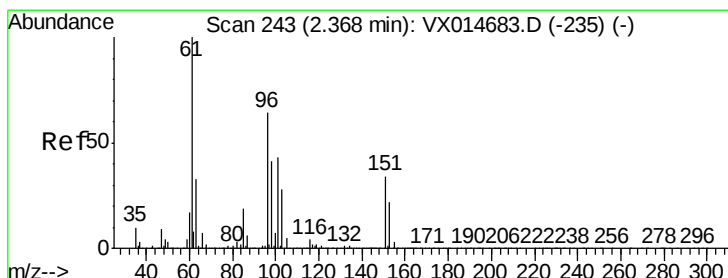
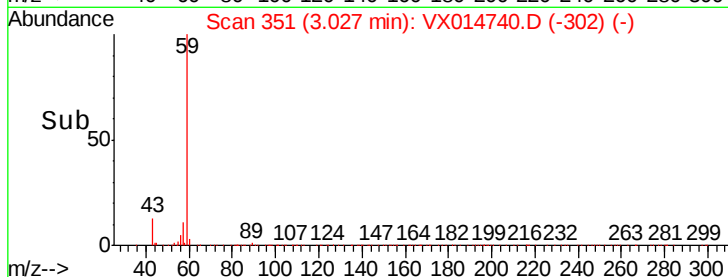
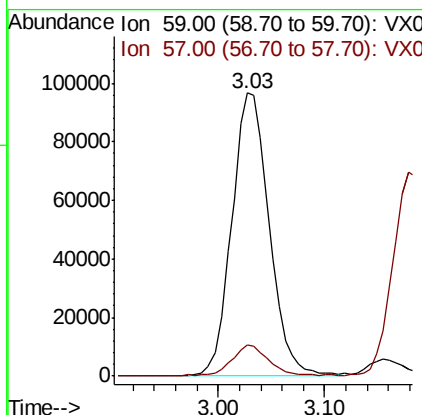
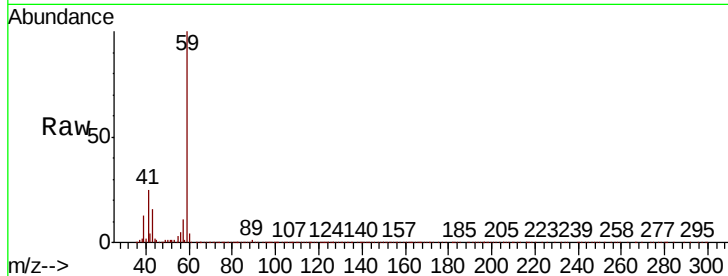




#11
Tert butyl alcohol
Concen: 193.474 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

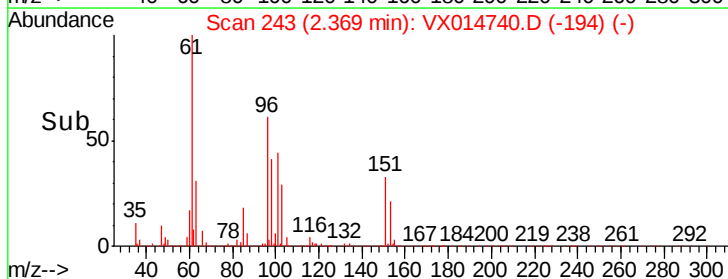
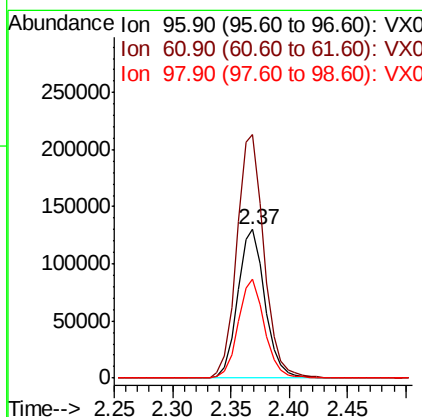
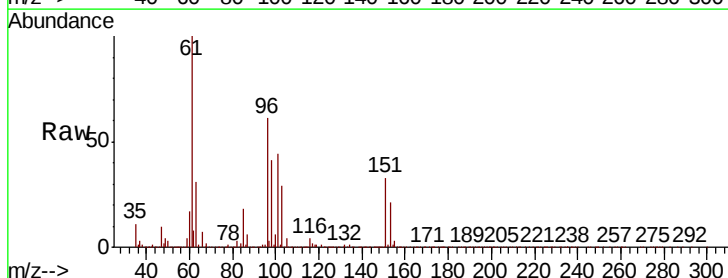
Instrument :
MSVOA_X
ClientSampleId :

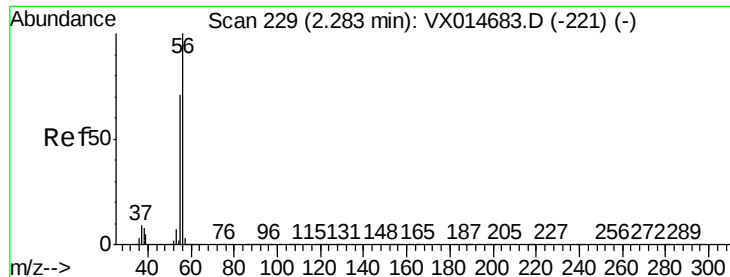
Tot Ion: 59 Resp: 237166
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.866 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 96 Resp: 213184
Ion Ratio Lower Upper
96 100
61 163.7 125.8 188.8
98 66.4 51.5 77.3

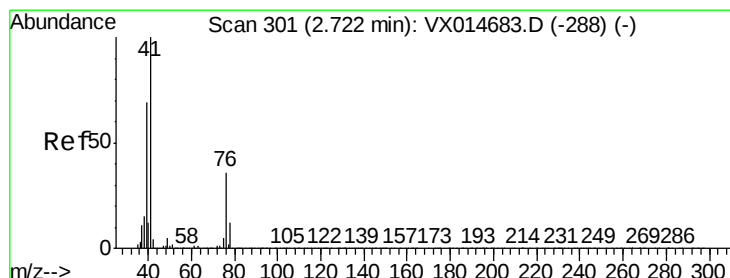
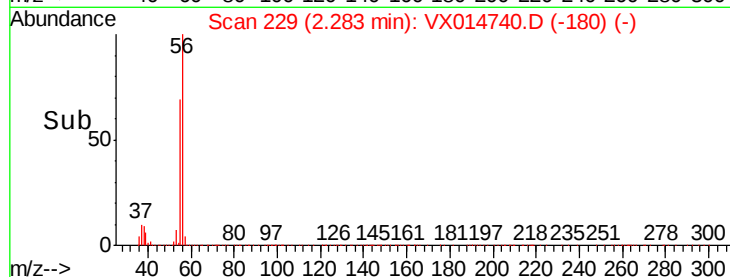
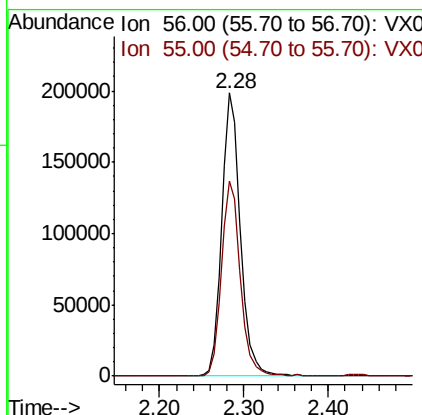
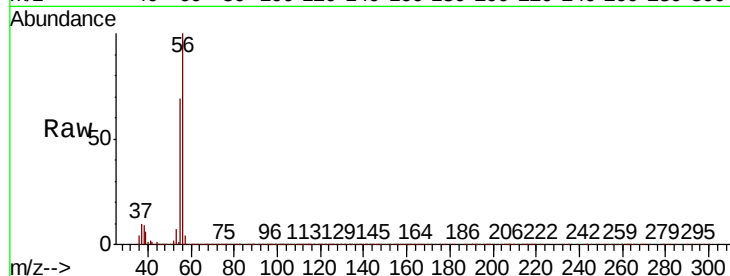




#13
Acrolein
Concen: 313.552 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

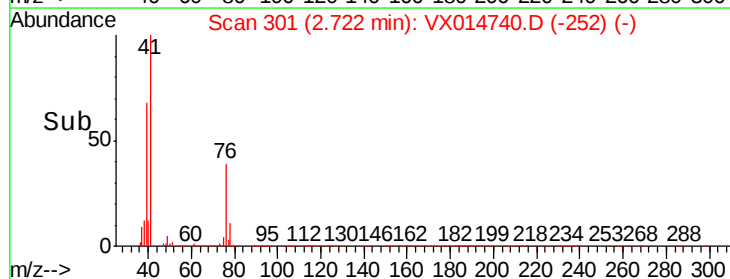
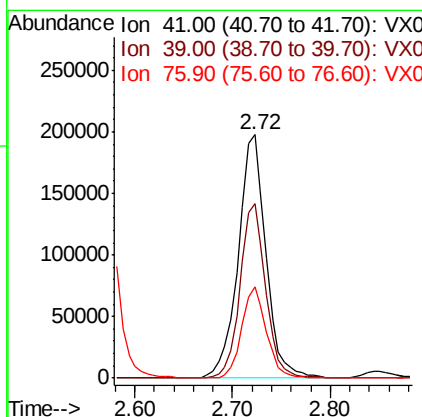
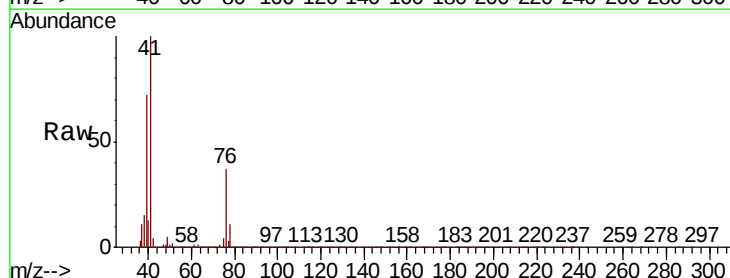
Instrument :
MSVOA_X
ClientSampled :

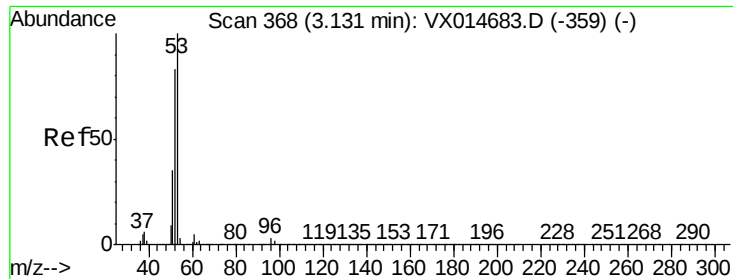
Tot Ion: 56 Resp: 303060
Ion Ratio Lower Upper
56 100
55 69.6 56.6 84.8



#14
Allyl chloride
Concen: 46.209 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 41 Resp: 386047
Ion Ratio Lower Upper
41 100
39 66.2 52.0 78.0
76 33.2 26.0 39.0

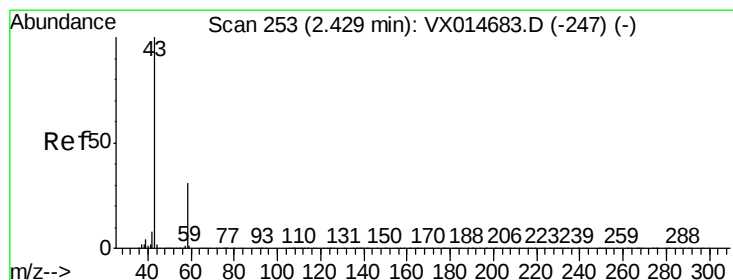
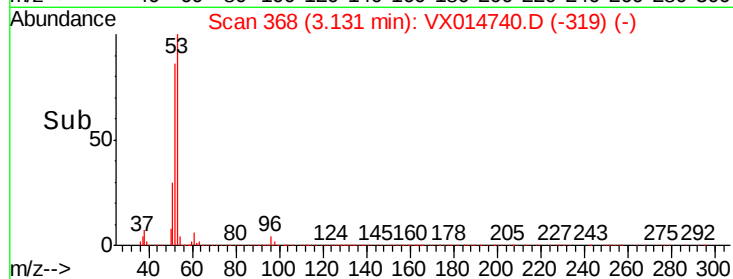
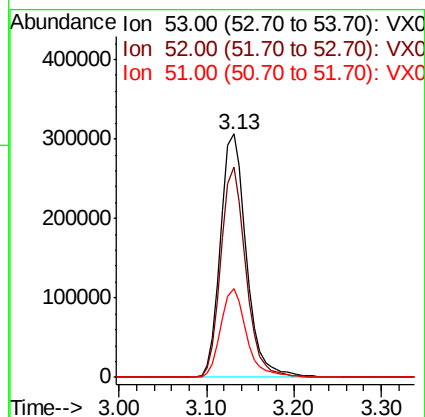
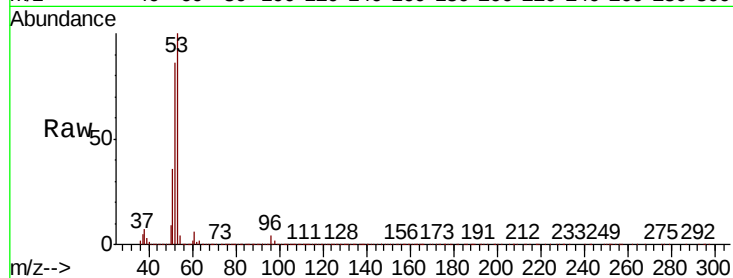




#15
 Acrylonitrile
 Concen: 220.886 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

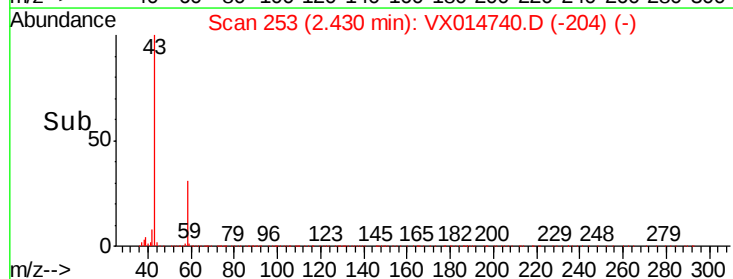
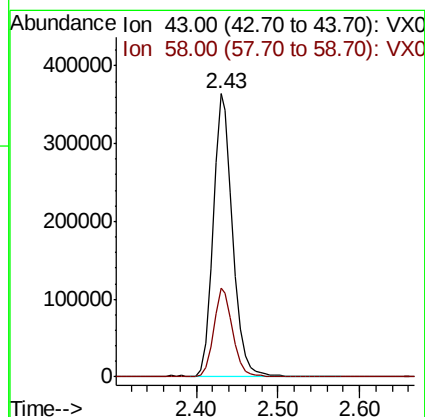
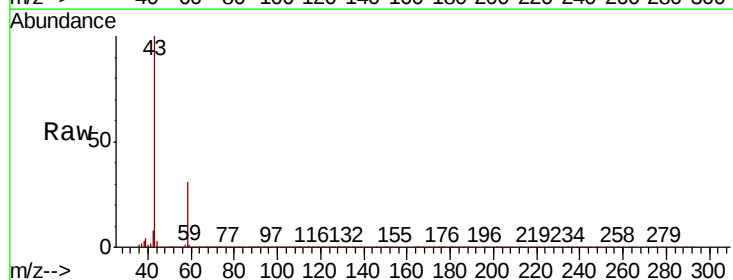
Instrument :
 MSVOA_X
 ClientSampleId :

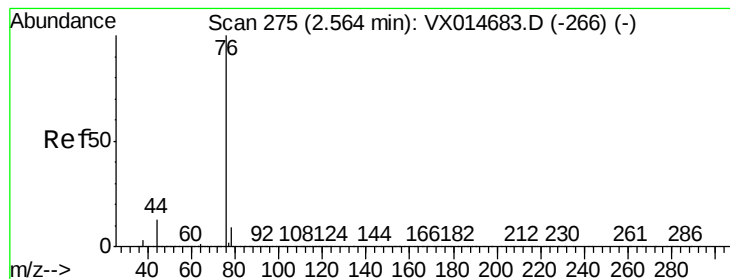
Tot Ion	53	Resp	626497
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.4	99.6
51	36.4	28.7	43.1



#16
 Acetone
 Concen: 202.917 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	43	Resp	607132
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.5	36.7





#17

Carbon Disulfide

Concen: 44.646 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

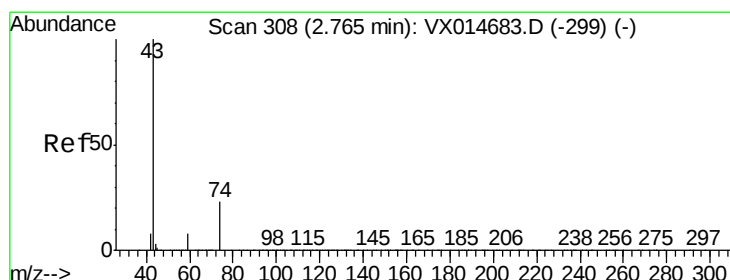
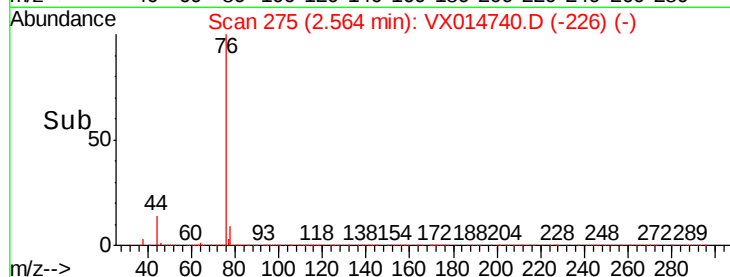
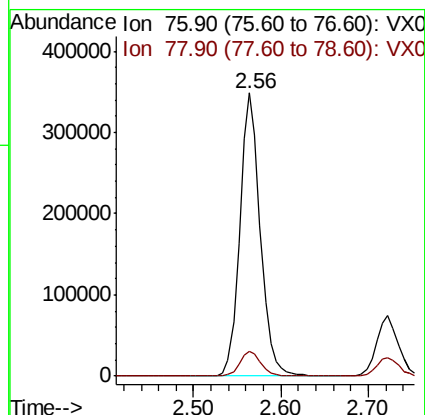
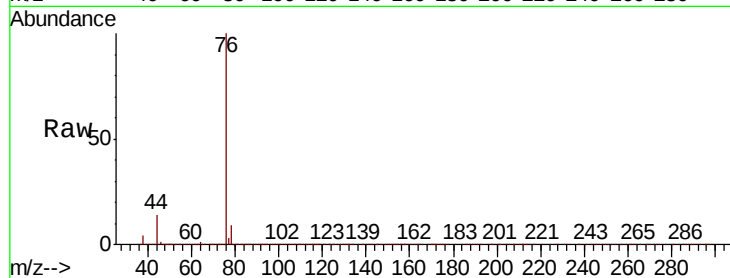
ClientSampleId :

Tot Ion: 76 Resp: 567161

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8



#18

Methyl Acetate

Concen: 44.693 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014740.D

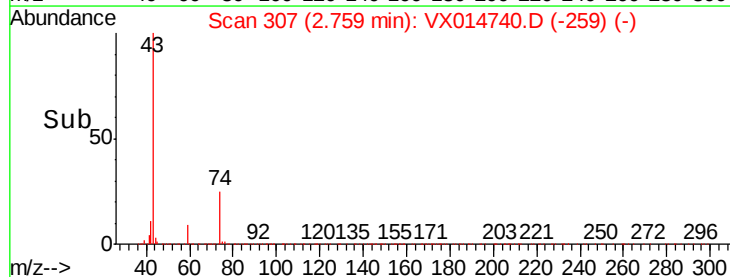
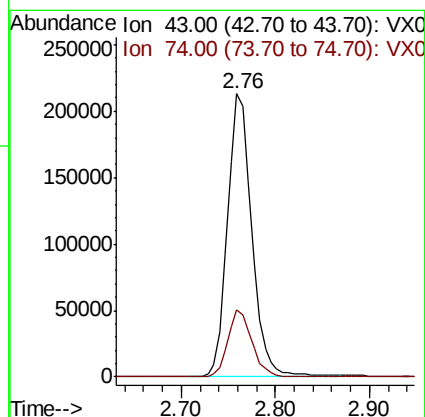
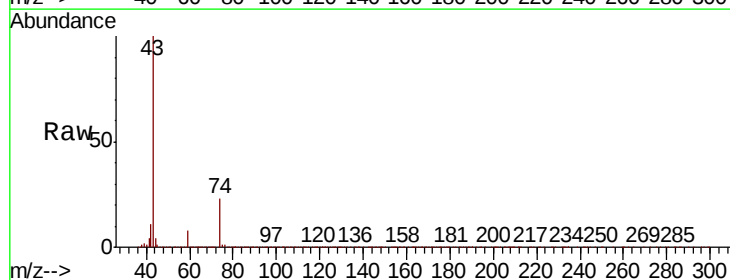
Acq: 28 Jan 2020 10:17

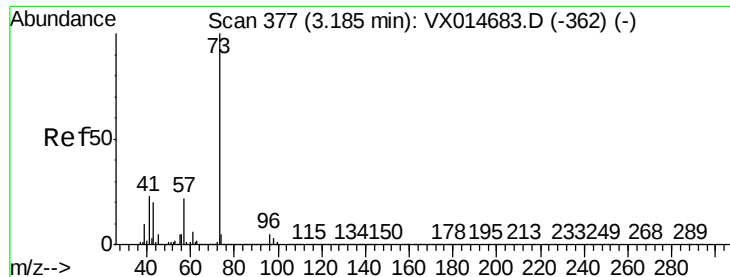
Tgt Ion: 43 Resp: 381759

Ion Ratio Lower Upper

43 100

74 23.8 18.5 27.7



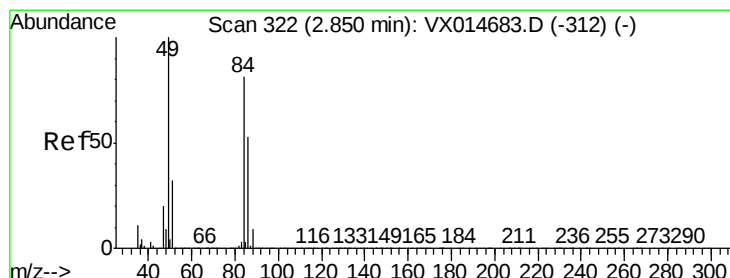
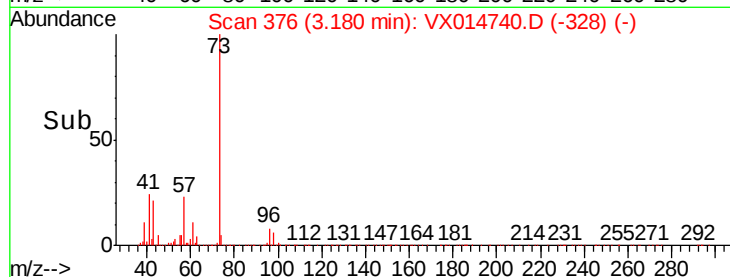
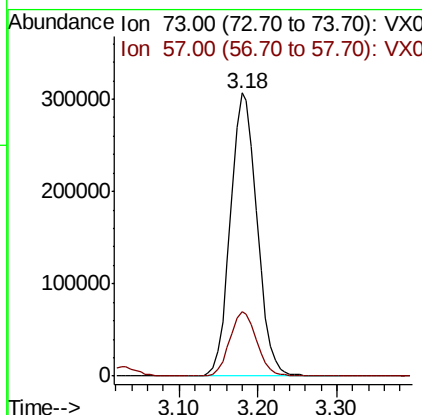
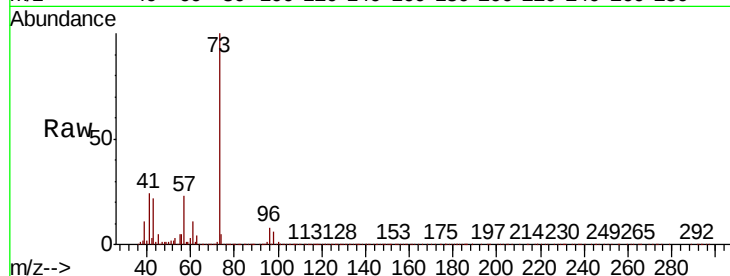


#19

Methyl tert-butyl Ether
 Concen: 47.230 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :

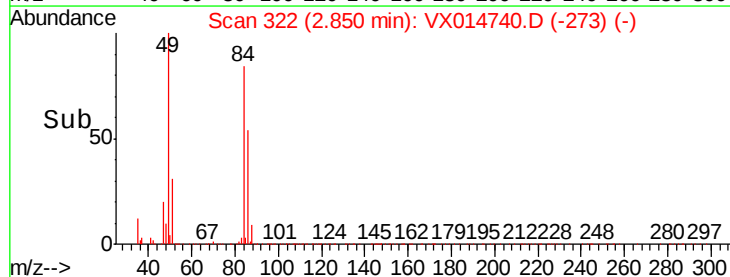
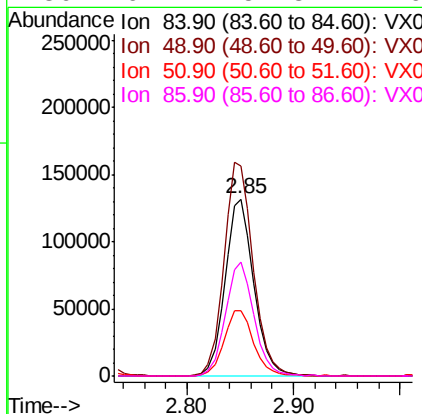
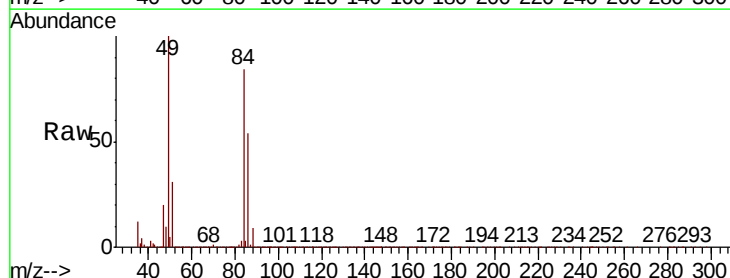
Tot Ion: 73 Resp: 719036
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.0 27.0

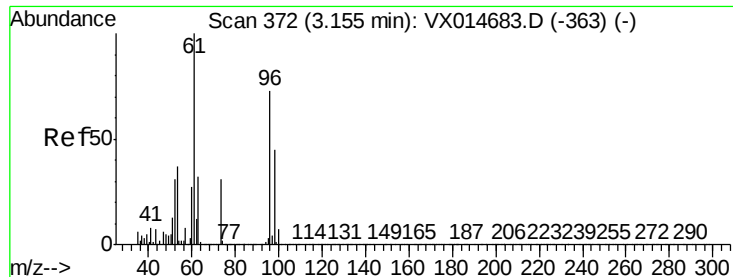


#20

Methylene Chloride
 Concen: 45.006 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion: 84 Resp: 249207
 Ion Ratio Lower Upper
 84 100
 49 118.5 98.2 147.4
 51 36.4 31.3 46.9
 86 64.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 45.424 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

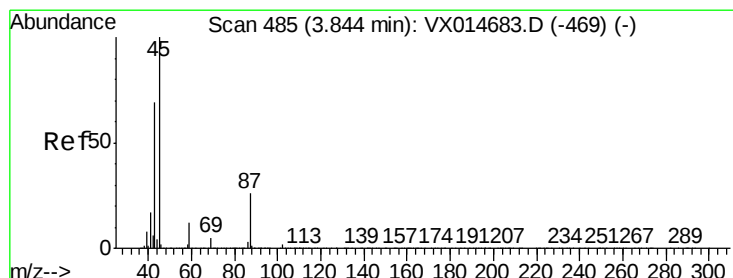
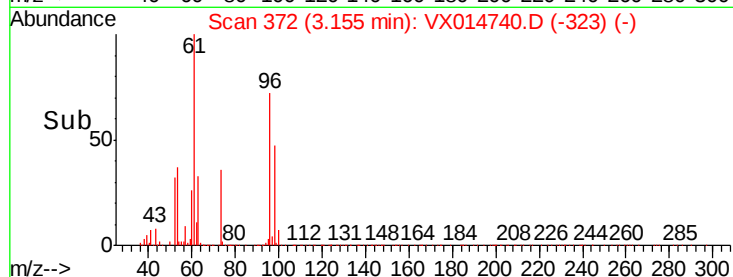
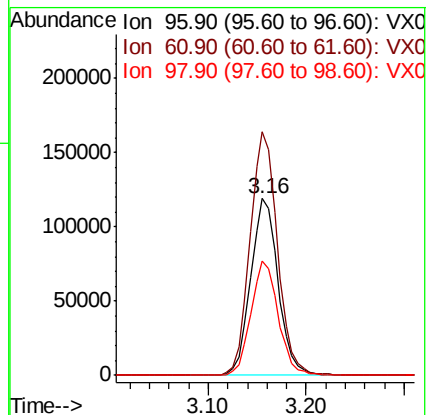
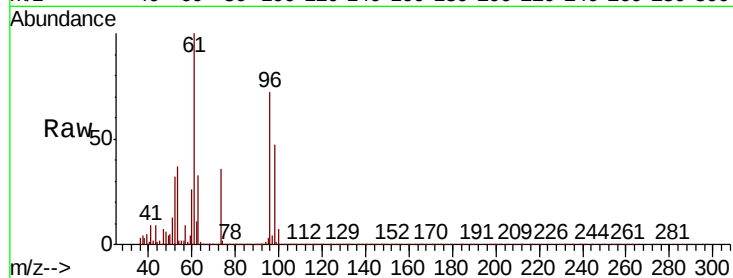
Tot Ion: 96 Resp: 232467

Ion Ratio Lower Upper

96 100

61 137.7 109.8 164.6

98 64.7 49.6 74.4



#22

Diisopropyl ether

Concen: 47.883 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion: 45 Resp: 795897

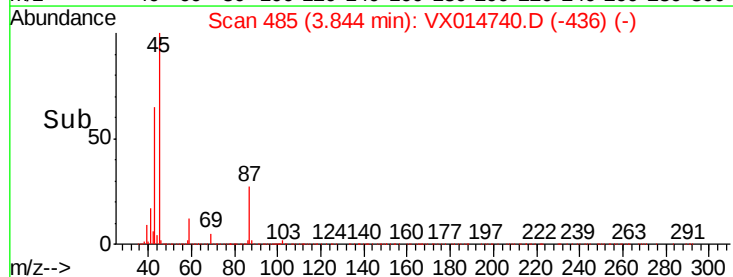
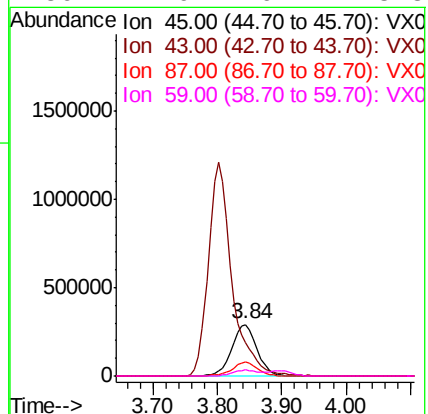
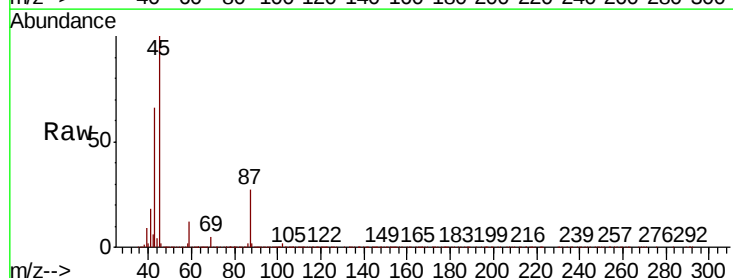
Ion Ratio Lower Upper

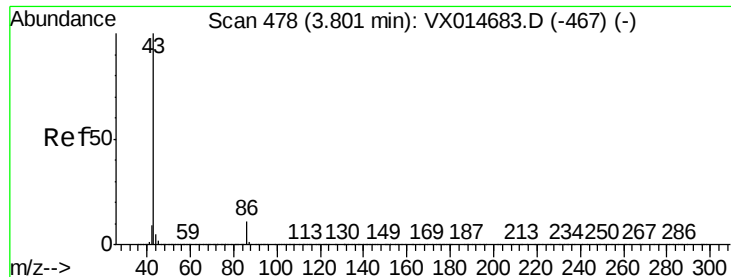
45 100

43 65.1 55.1 82.7

87 26.5 20.7 31.1

59 11.9 9.2 13.8





#23

Vinyl Acetate

Concen: 244.565 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

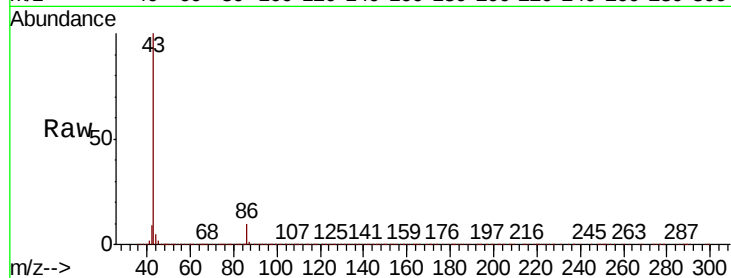
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3098755

Ion Ratio Lower Upper

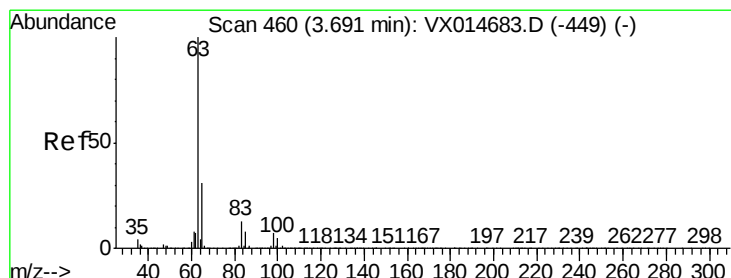
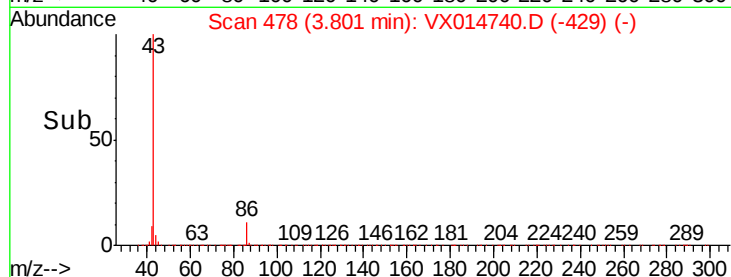
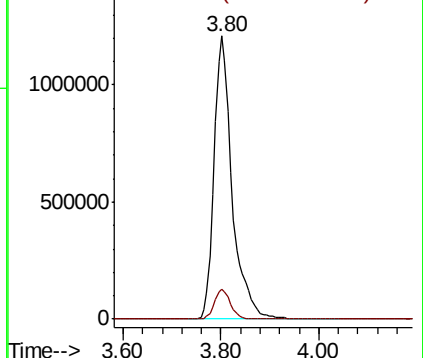
43 100

86 10.5 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.024 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

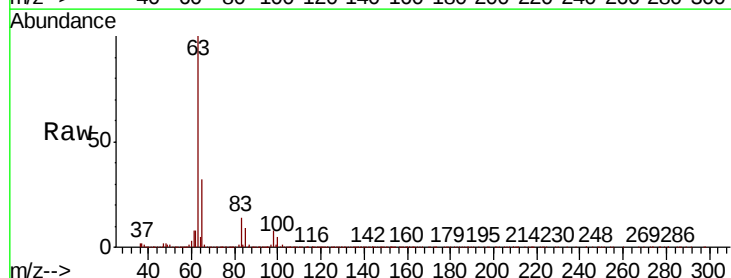
Tgt Ion: 63 Resp: 424474

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

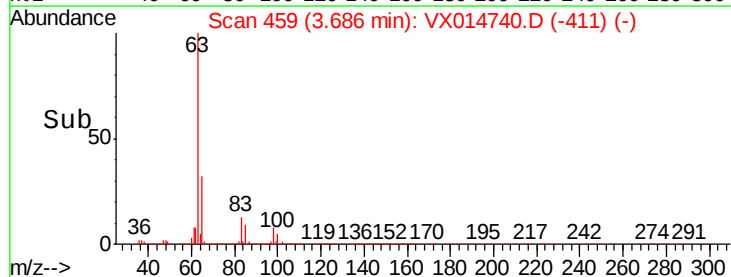
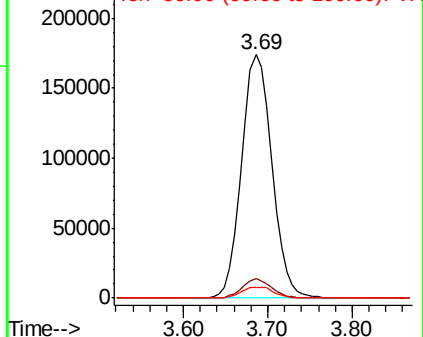
100 4.6 2.2 6.6

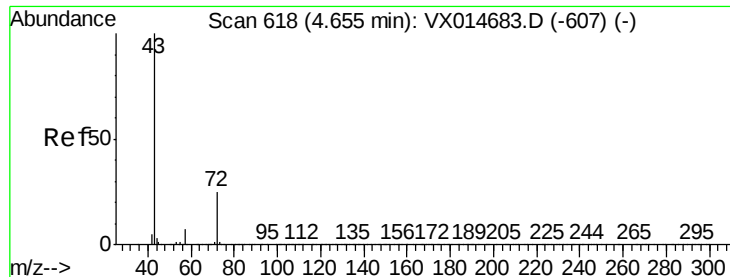


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 213.534 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

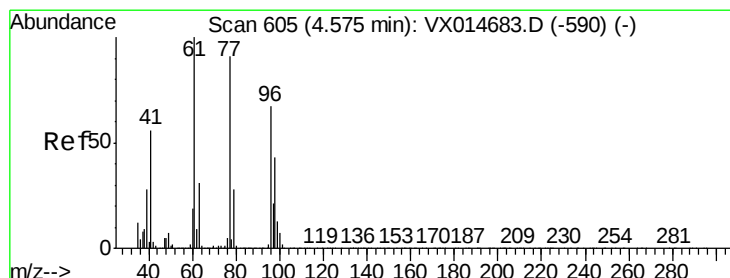
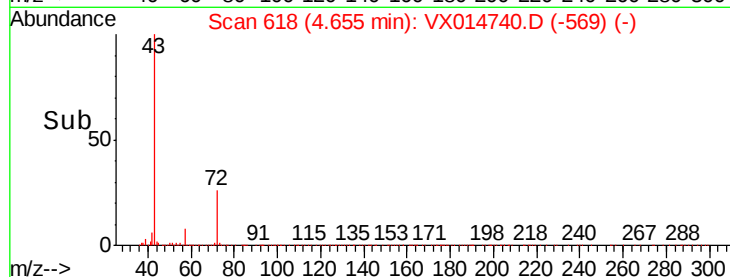
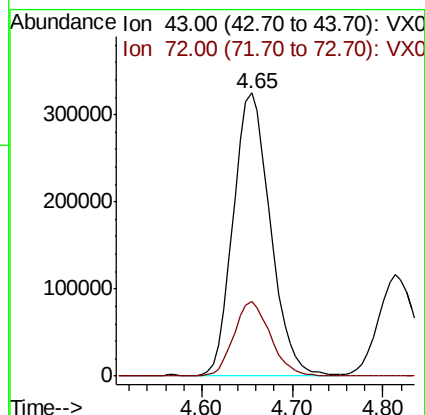
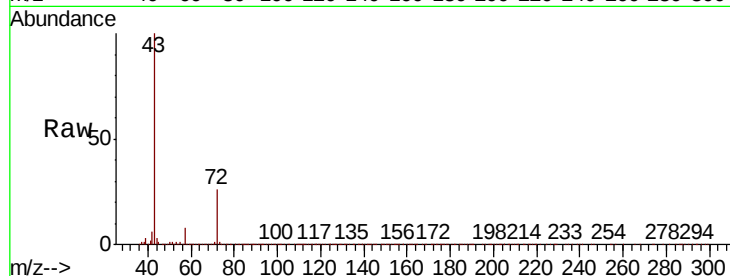
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 915513

Ion Ratio Lower Upper

43 100

72 26.2 19.9 29.9



#26

2,2-Dichloropropane

Concen: 47.834 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014740.D

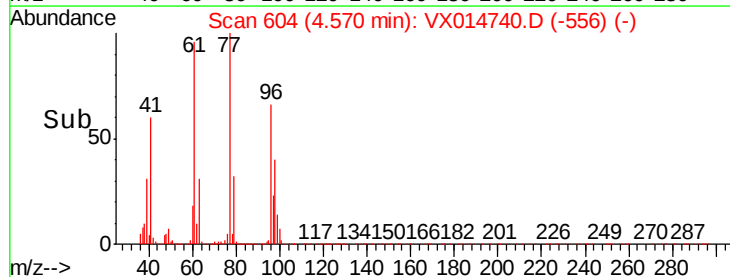
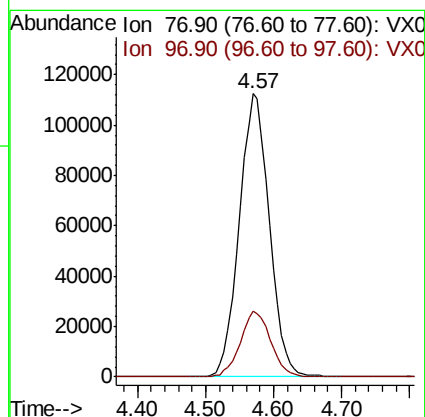
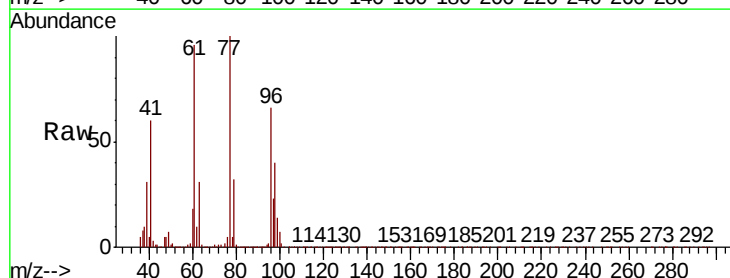
Acq: 28 Jan 2020 10:17

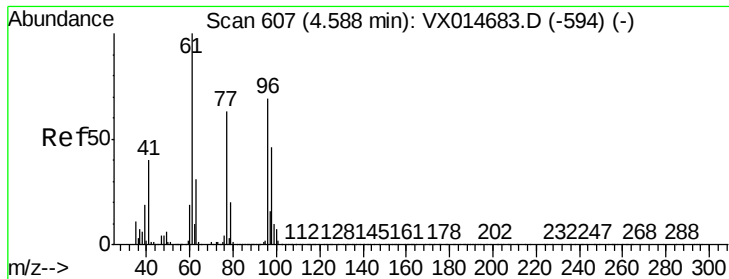
Tgt Ion: 77 Resp: 345609

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3



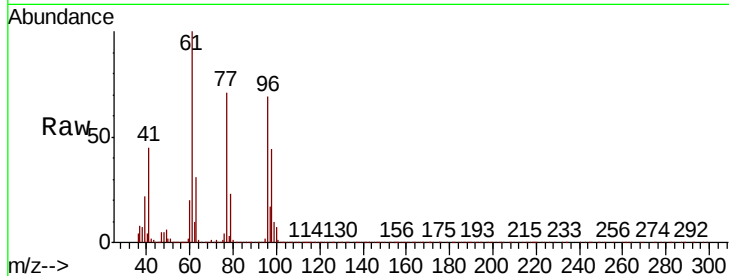


#27

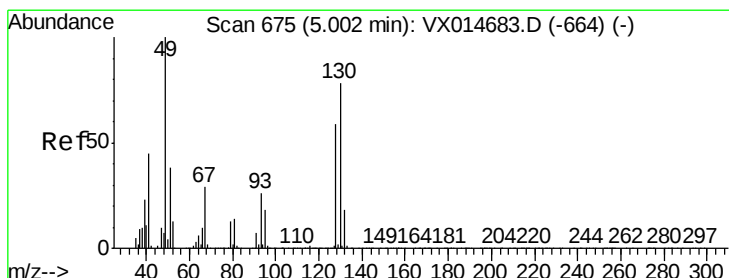
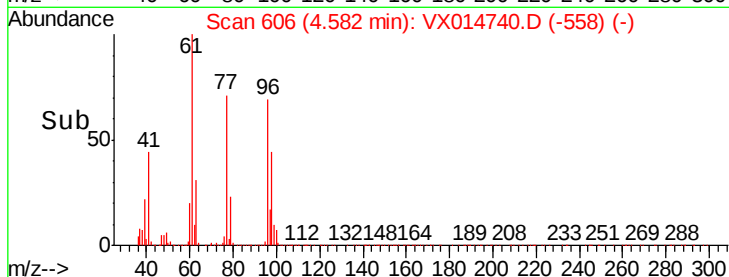
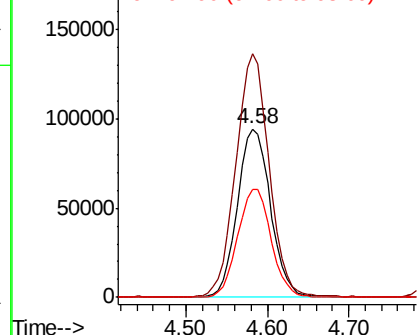
cis-1,2-Dichloroethene
Concen: 46.096 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	291.0
98	65.0	0.0	129.8



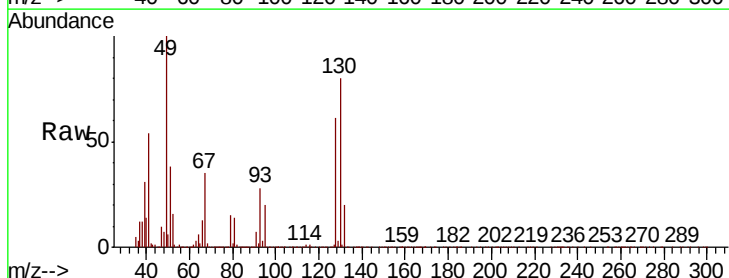
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



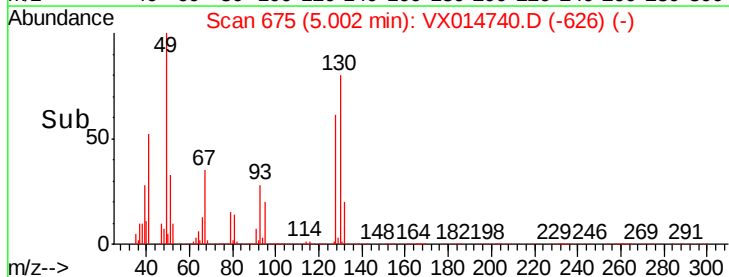
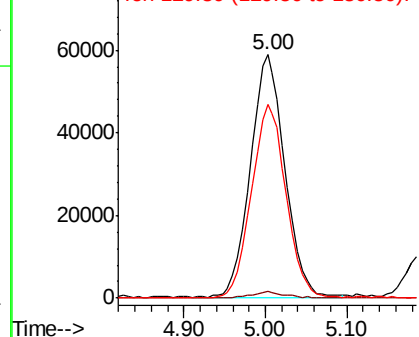
#28

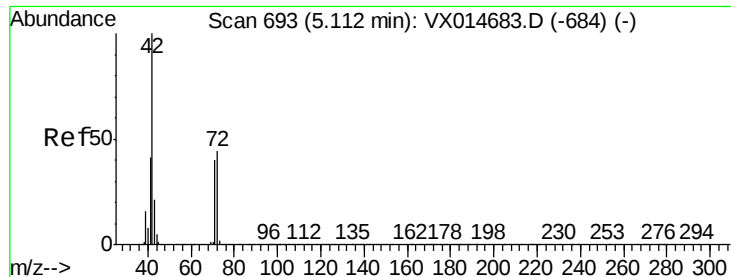
Bromochloromethane
Concen: 43.453 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	80.3	62.4	93.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 221.994 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

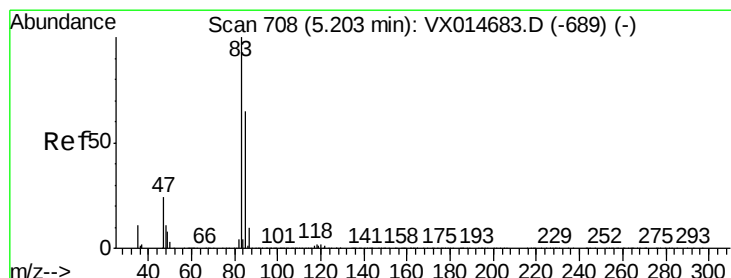
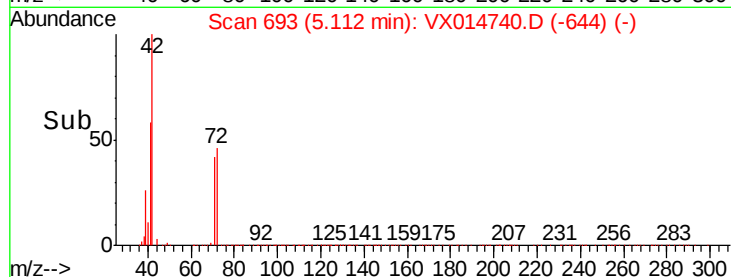
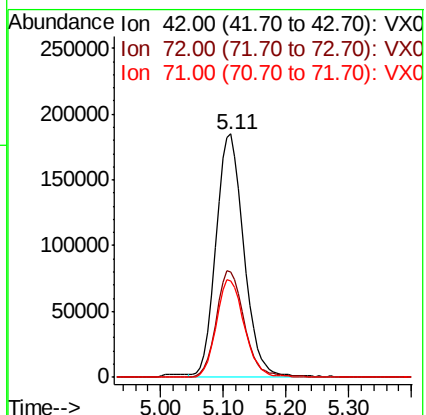
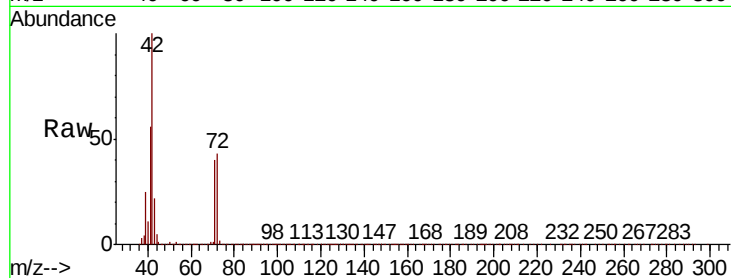
Tot Ion: 42 Resp: 564901

Ion Ratio Lower Upper

42 100

72 44.0 35.3 52.9

71 40.4 33.1 49.7



#30

Chloroform

Concen: 47.158 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014740.D

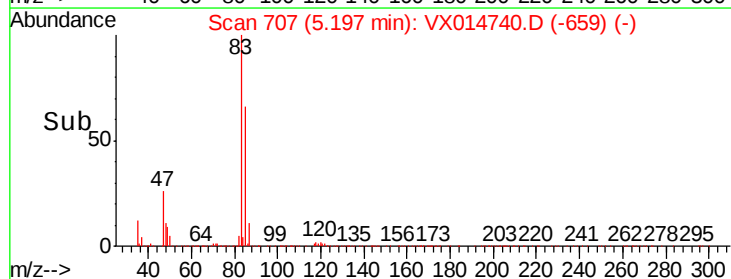
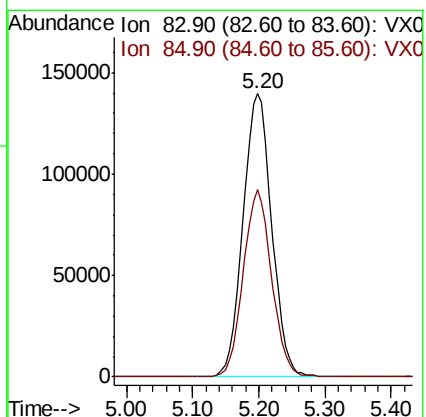
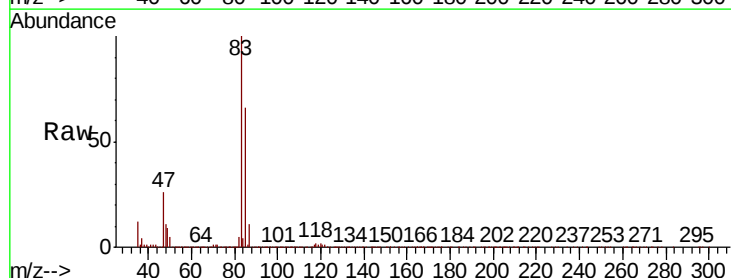
Acq: 28 Jan 2020 10:17

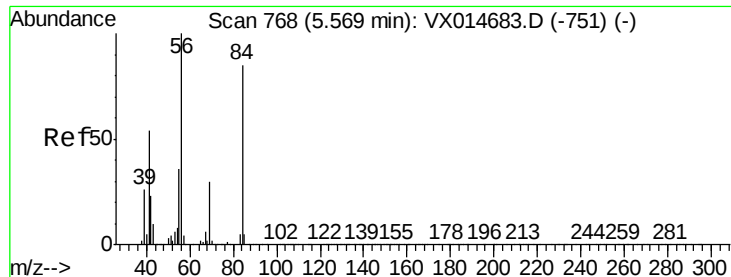
Tgt Ion: 83 Resp: 421687

Ion Ratio Lower Upper

83 100

85 66.2 51.7 77.5

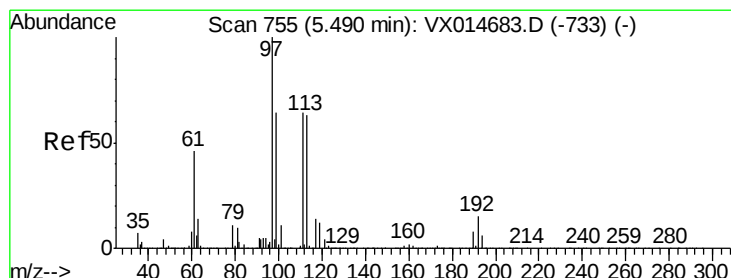
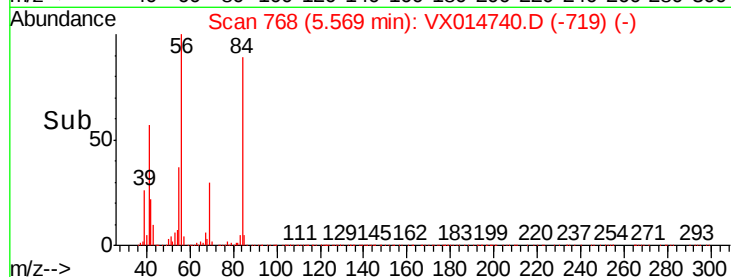
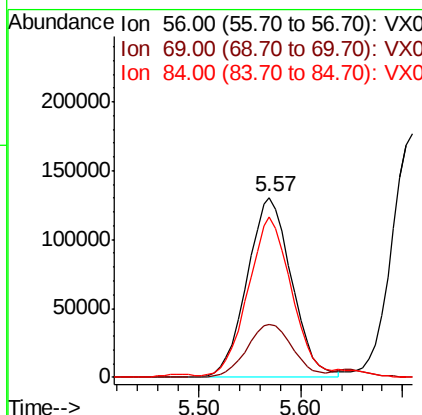
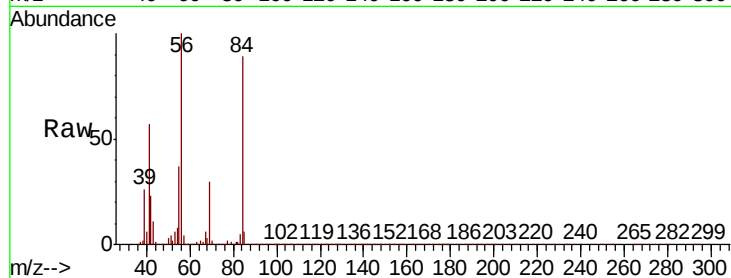




#31
Cyclohexane
Concen: 46.374 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

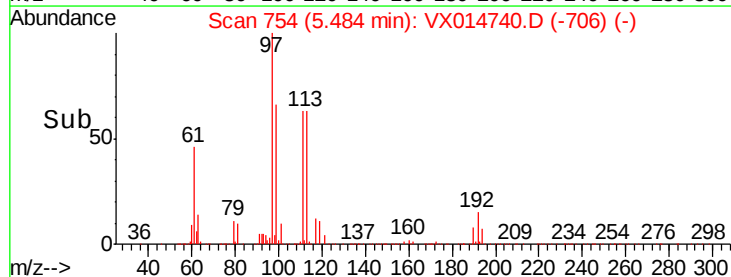
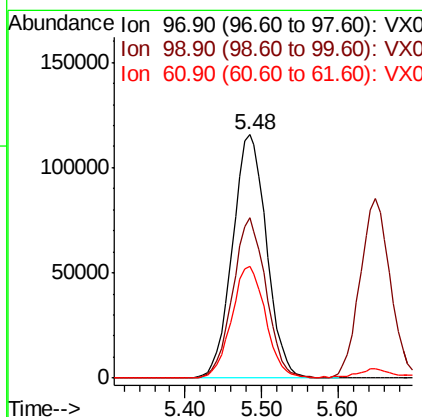
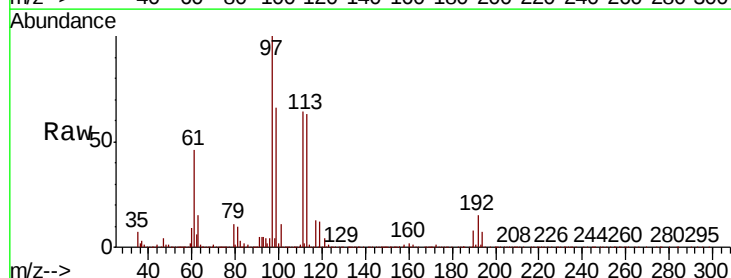
Instrument :
MSVOA_X
ClientSampleId :

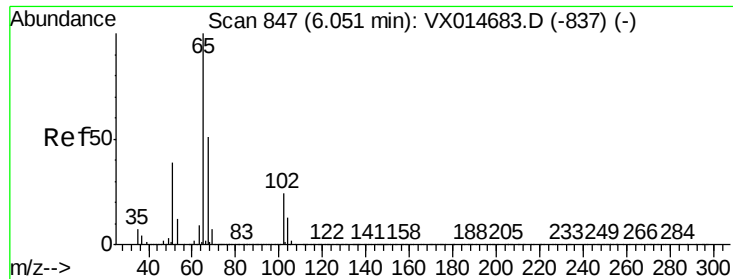
Tot Ion: 56 Resp: 393717
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 87.5 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.030 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 97 Resp: 355474
Ion Ratio Lower Upper
97 100
99 64.2 52.3 78.5
61 45.5 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 45.856 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

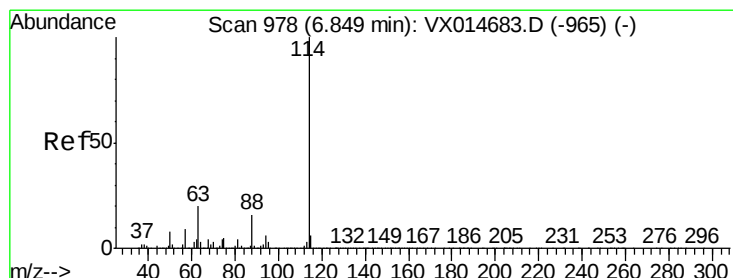
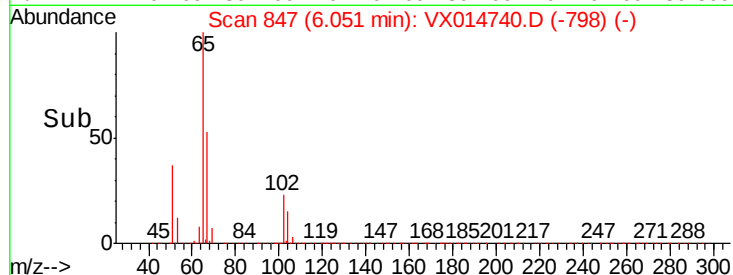
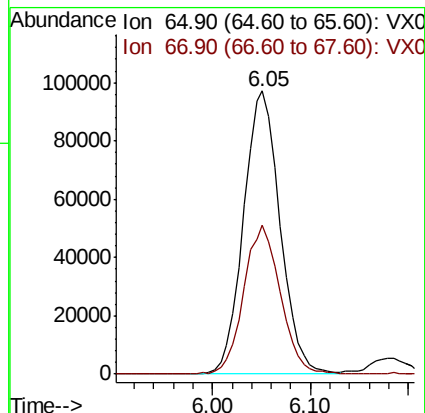
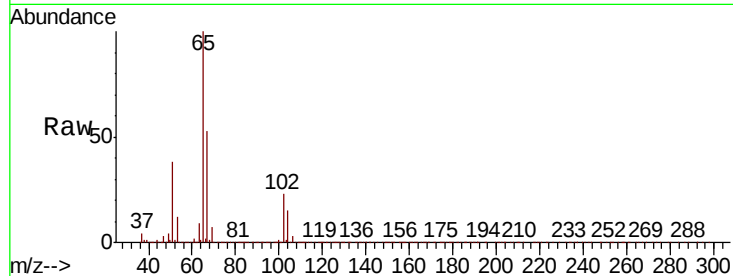
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 250375

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

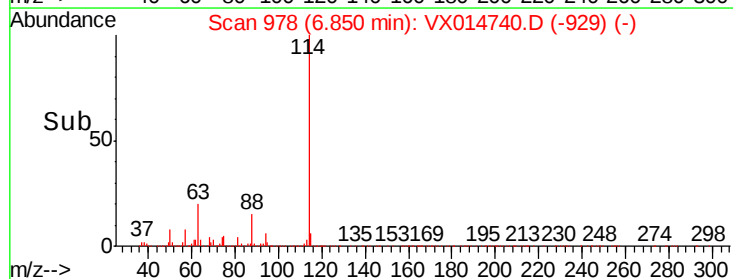
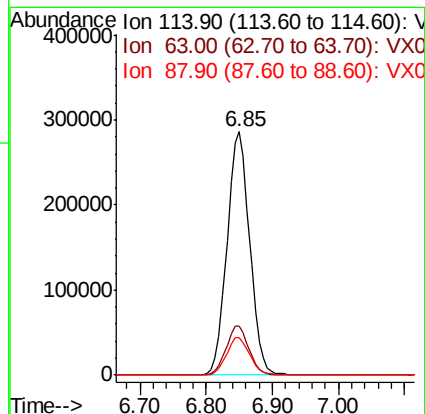
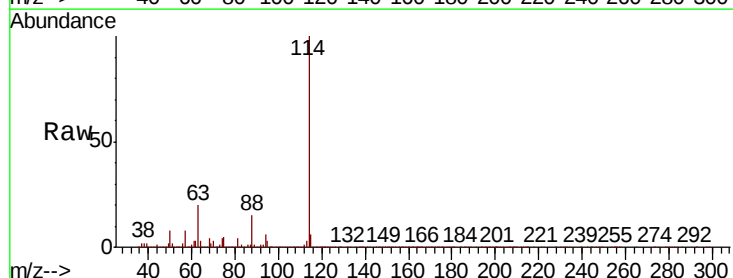
Tgt Ion: 114 Resp: 679412

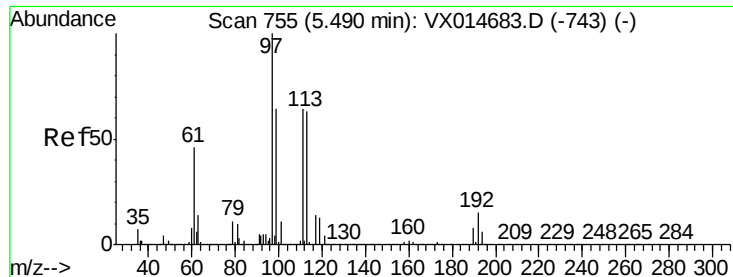
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.4 0.0 31.2

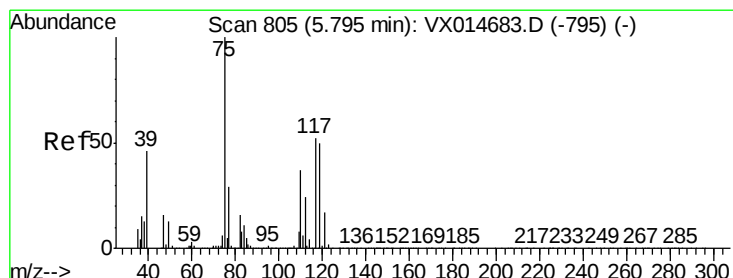
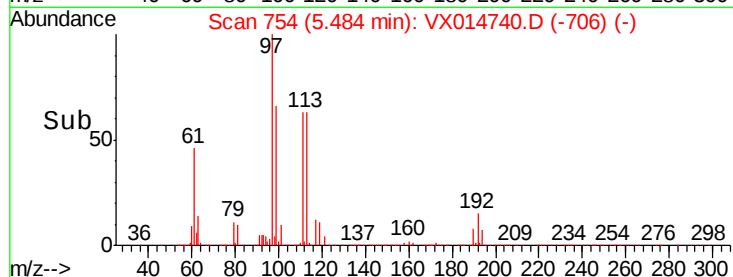
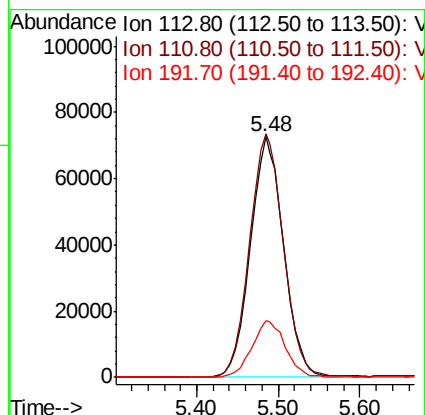
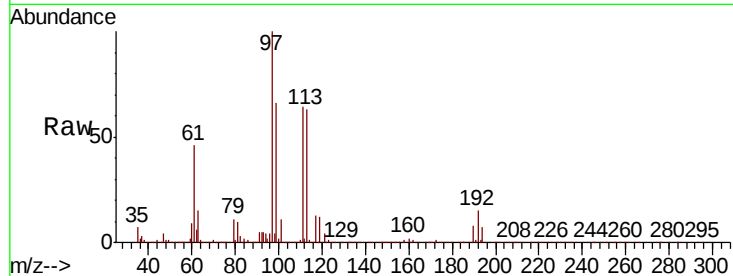




#35
 Dibromofluoromethane
 Concen: 48.090 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

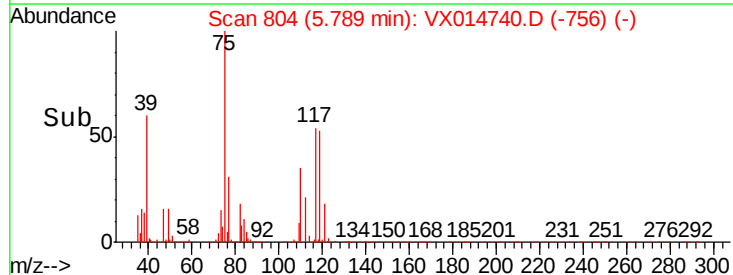
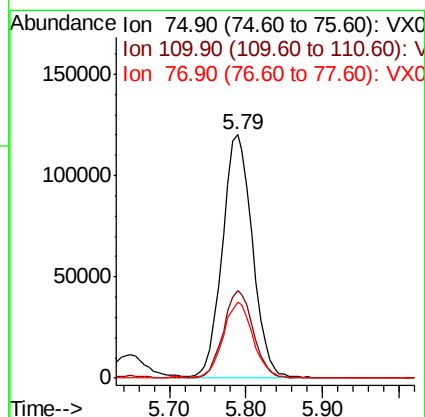
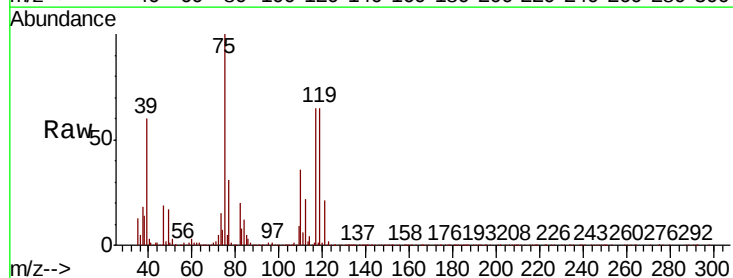
Instrument :
 MSVOA_X
 ClientSampleId :

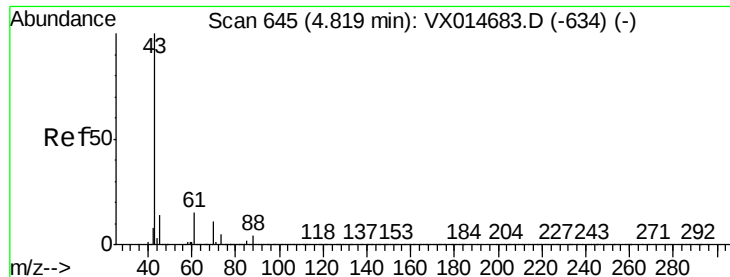
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	23.8	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 51.469 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.9	53.7
77	30.5	24.1	36.1

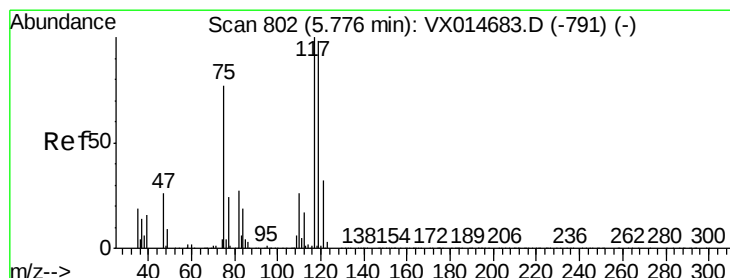
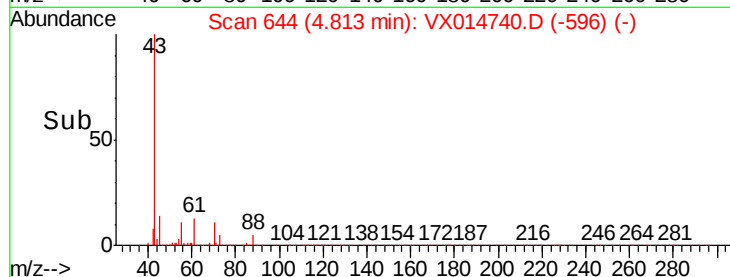
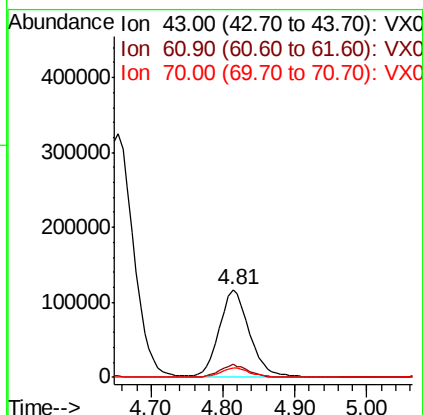
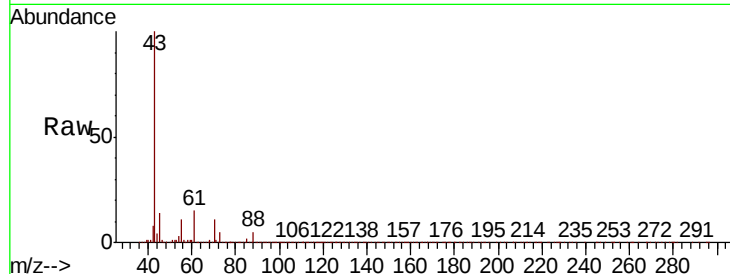




#37
Ethyl Acetate
Concen: 46.957 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

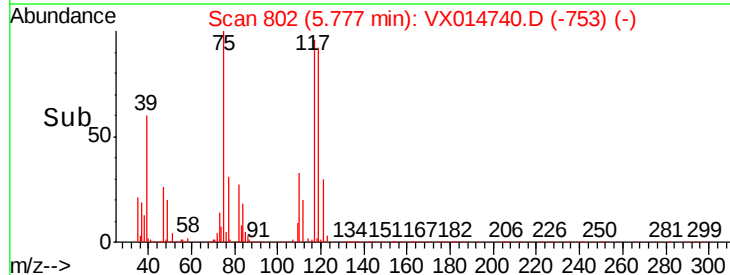
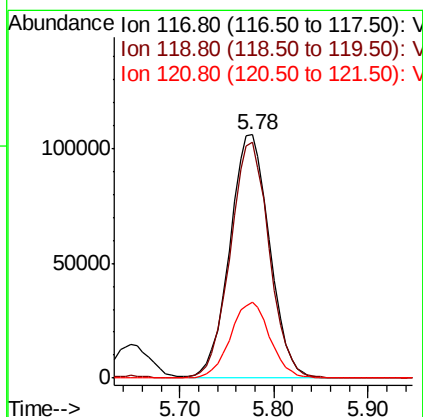
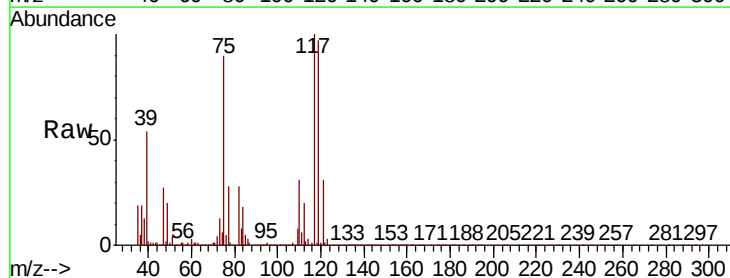
Instrument :
MSVOA_X
ClientSampleId :

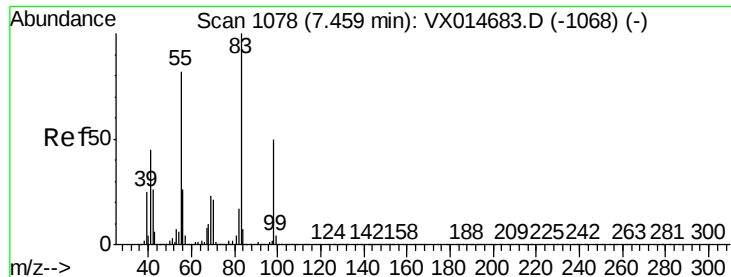
Tot Ion: 43 Resp: 339529
Ion Ratio Lower Upper
43 100
61 13.4 11.0 16.4
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 51.511 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 117 Resp: 310575
Ion Ratio Lower Upper
117 100
119 97.0 77.9 116.9
121 31.1 25.4 38.2

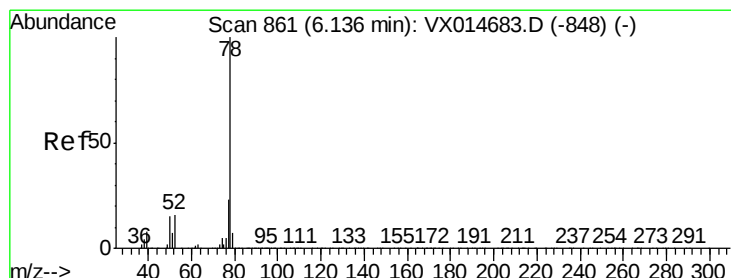
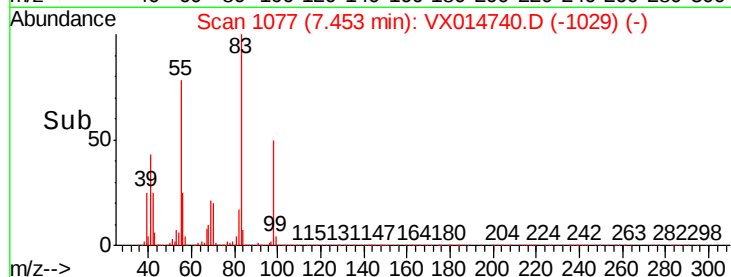
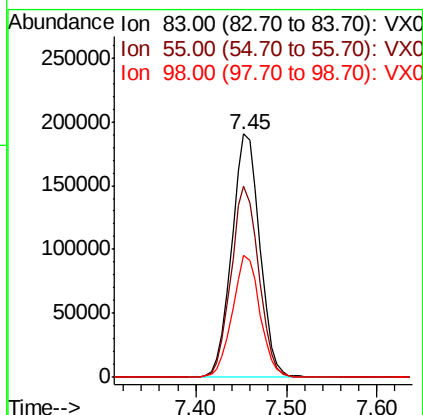
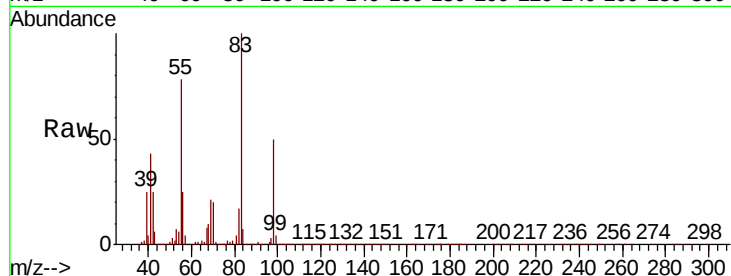




#39
Methylvlcvclohexane
Concen: 51.640 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

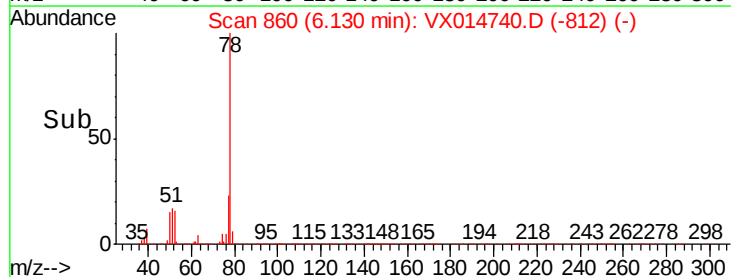
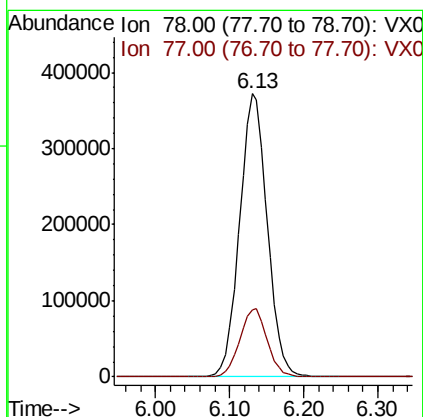
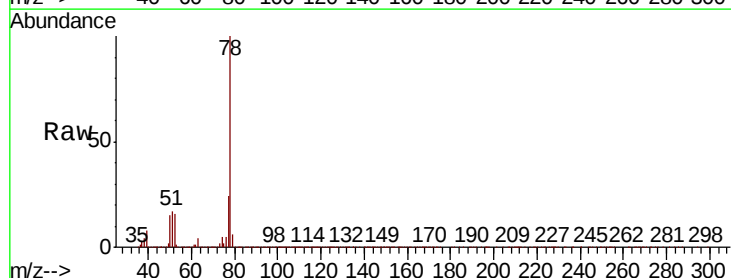
Instrument :
MSVOA_X
ClientSampleId :

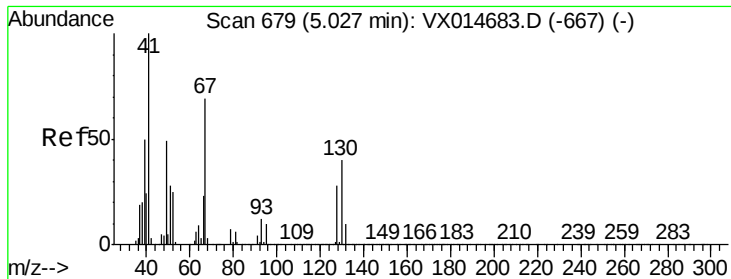
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.6	98.4
98	50.3	40.2	60.4



#40
Benzene
Concen: 49.635 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





#41

Methacrylonitrile

Concen: 47.351 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 195383

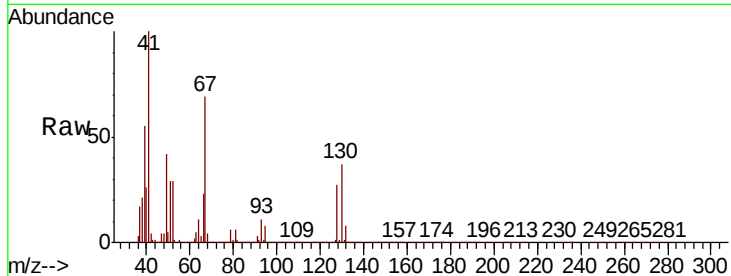
Ion Ratio Lower Upper

41 100

39 52.1 42.2 63.2

67 68.2 55.4 83.0

52 27.7 22.1 33.1

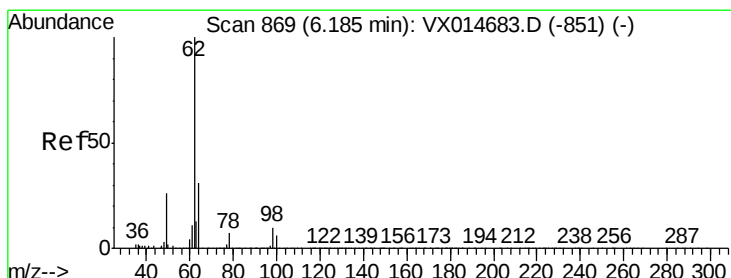
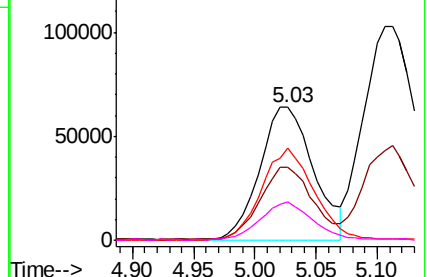
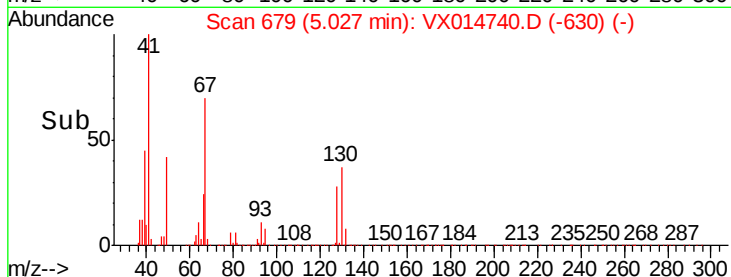


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.607 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014740.D

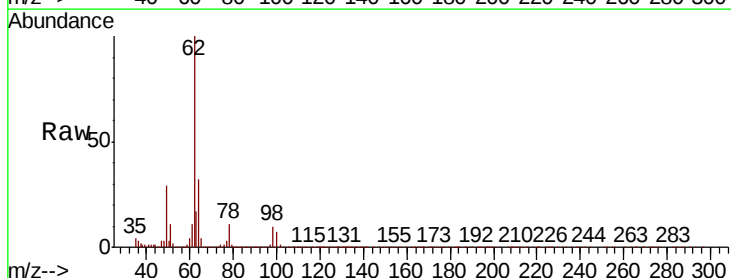
Acq: 28 Jan 2020 10:17

Tgt Ion: 62 Resp: 340883

Ion Ratio Lower Upper

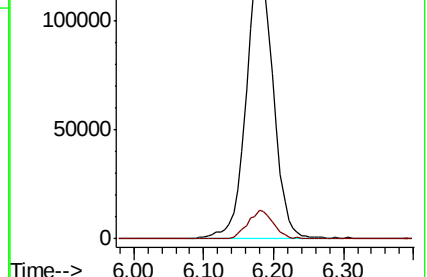
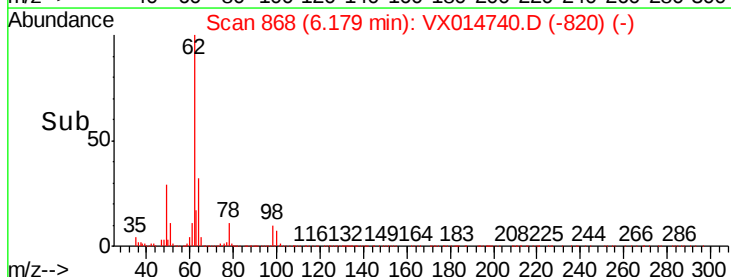
62 100

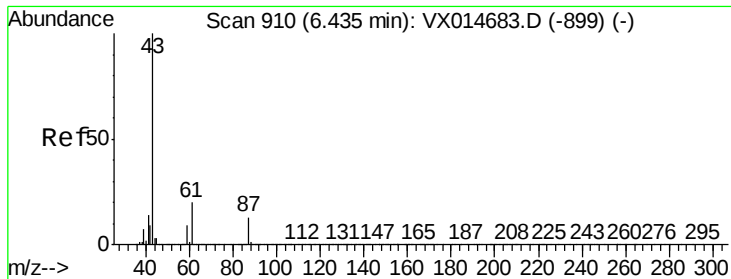
98 9.8 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



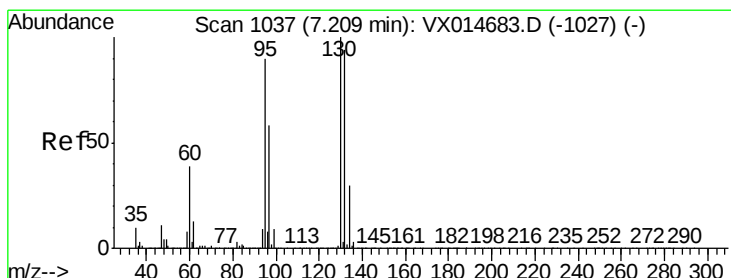
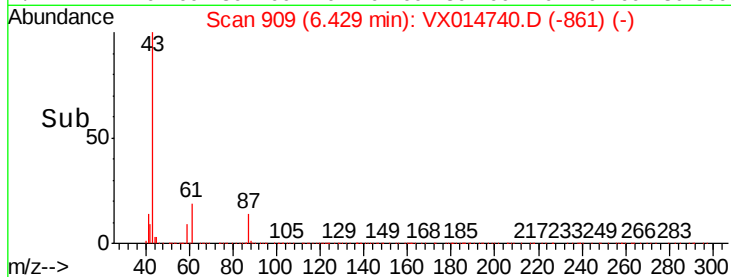
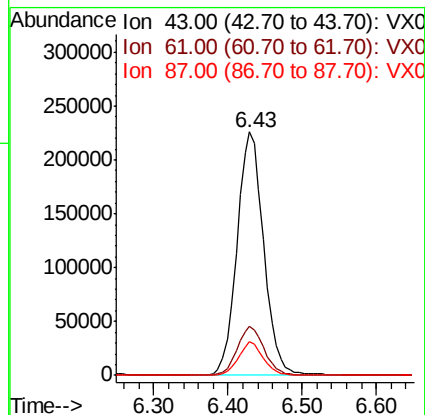
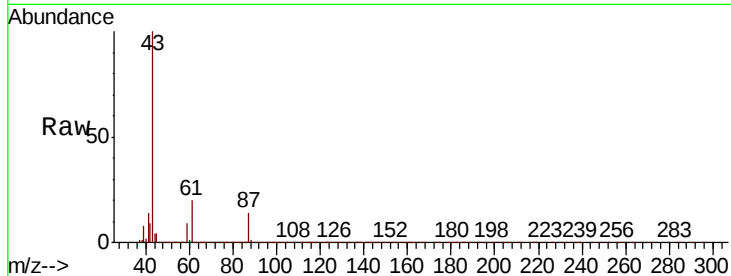


#43

Isopropyl Acetate
 Concen: 47.639 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :

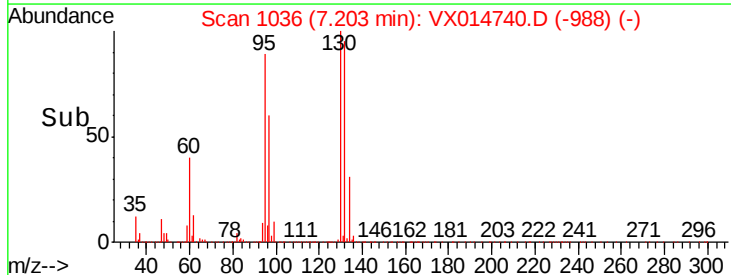
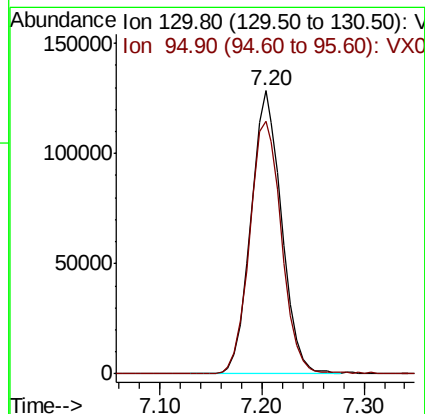
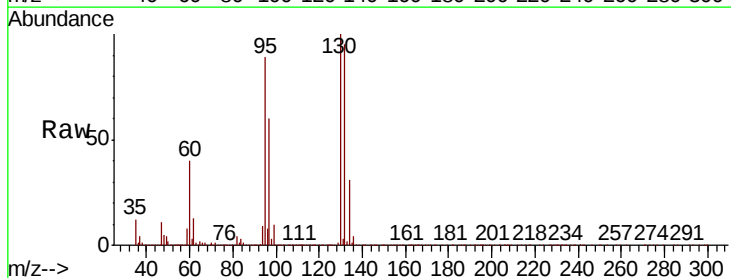
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.0	10.5	15.7

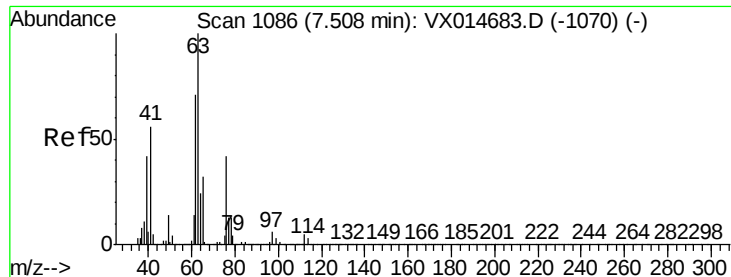


#44

Trichloroethene
 Concen: 48.680 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	179.8

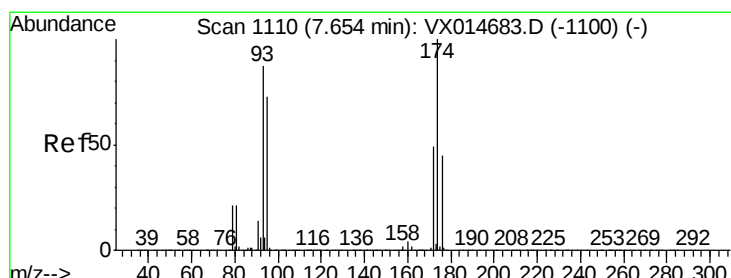
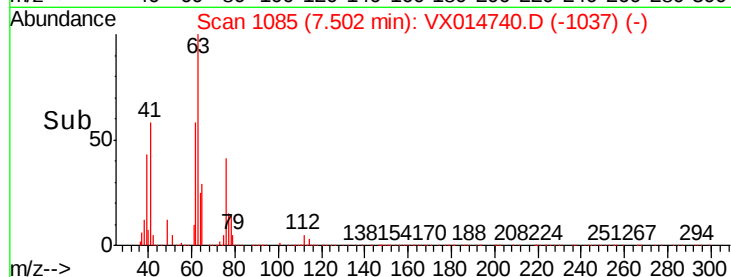
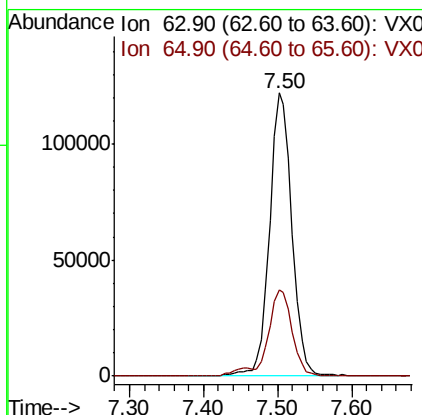
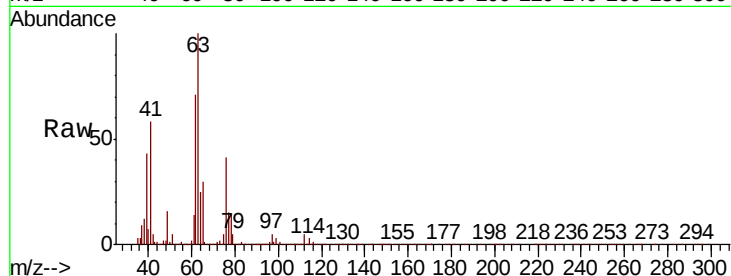




#45
 1,2-Dichloropropane
 Concen: 50.550 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

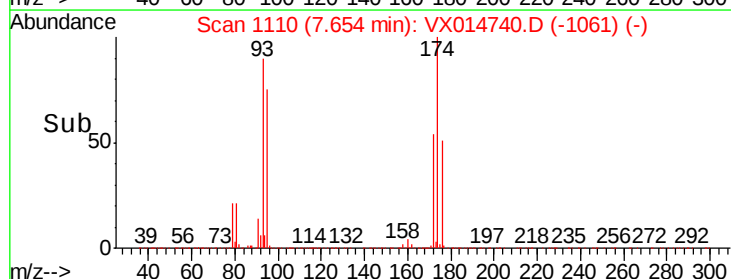
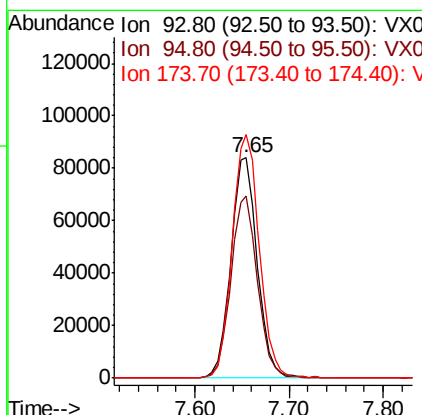
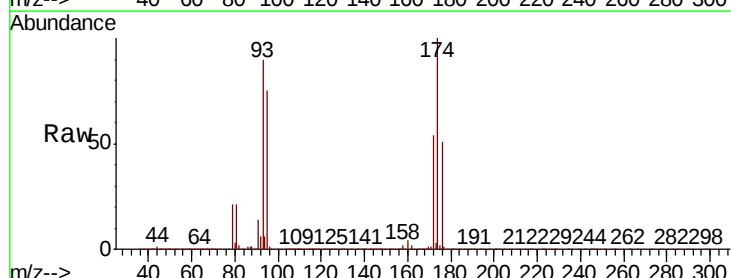
Instrument :
 MSVOA_X
 ClientSampled :

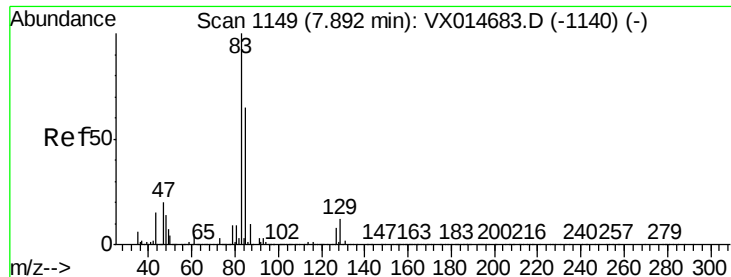
Tot Ion: 63 Resp: 254027
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.2 37.8



#46
 Dibromomethane
 Concen: 49.796 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion: 93 Resp: 162069
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 114.0 90.2 135.2





#47

Bromodichloromethane

Concen: 51.551 ug/l

RT: 7.89 min Scan# 1148

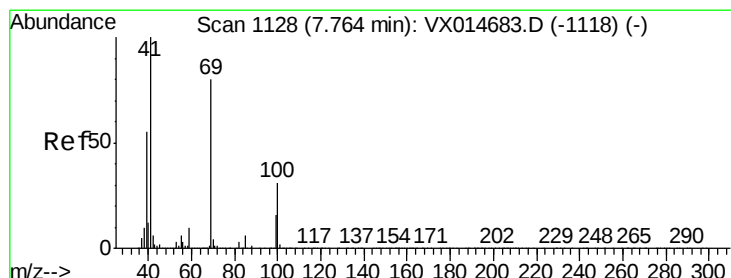
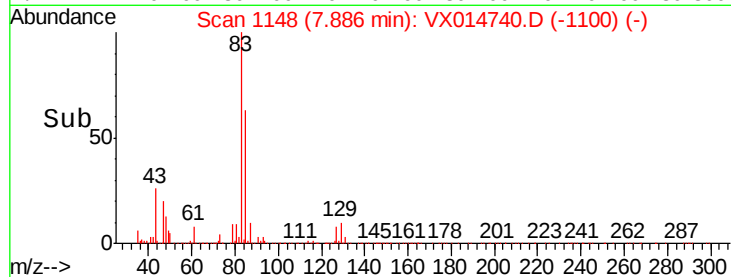
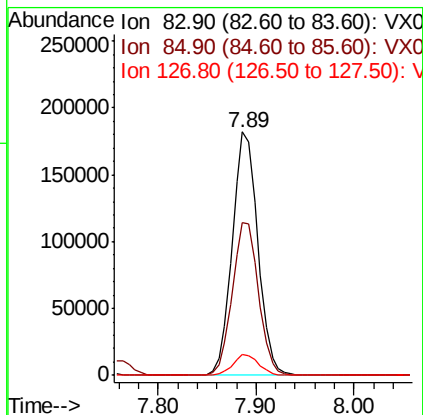
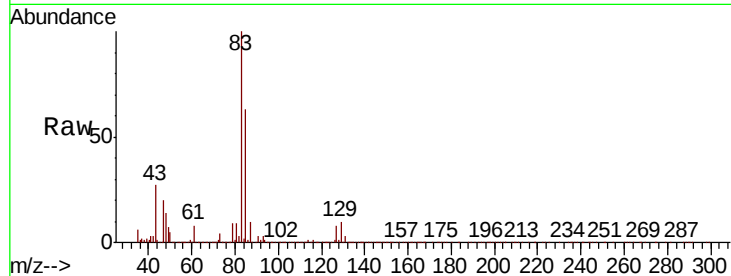
Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	329066
Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.2	78.2
127	8.4	6.4	9.6



#48

Methyl methacrylate

Concen: 49.547 ug/l

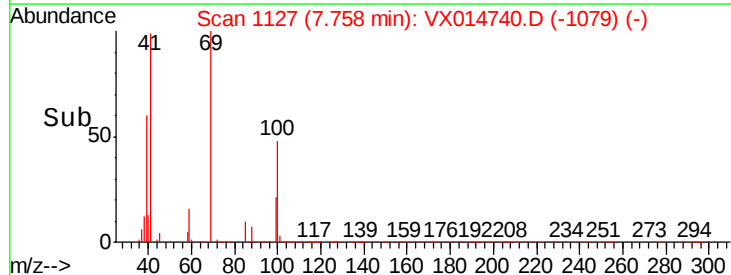
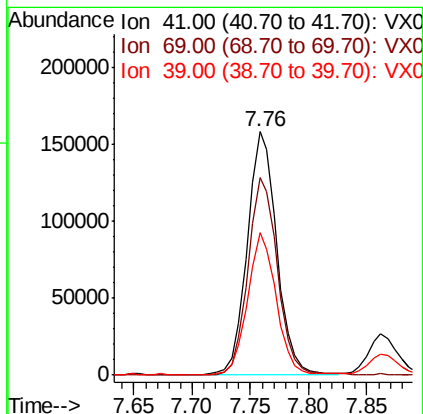
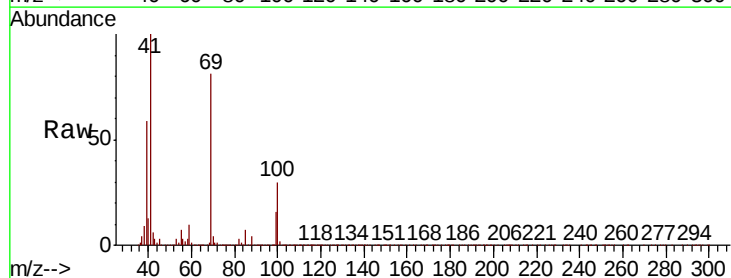
RT: 7.76 min Scan# 1127

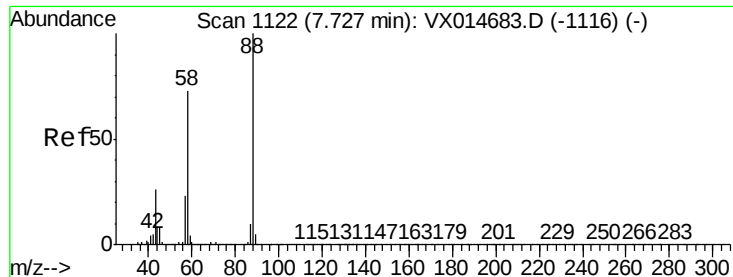
Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	41	Resp:	280301
Ion	Ratio	Lower	Upper
41	100		
69	81.2	63.5	95.3
39	56.7	43.7	65.5

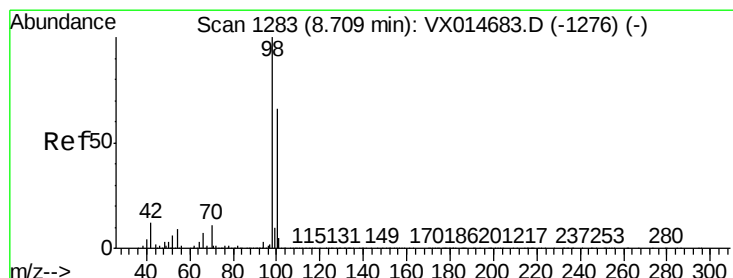
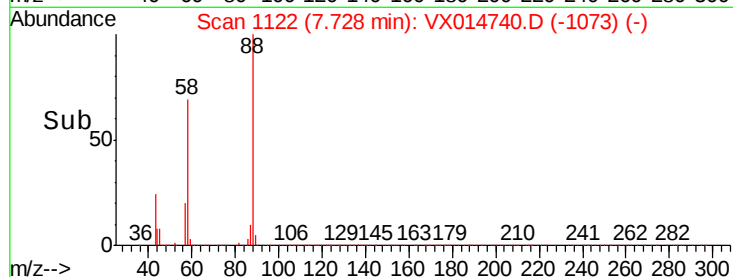
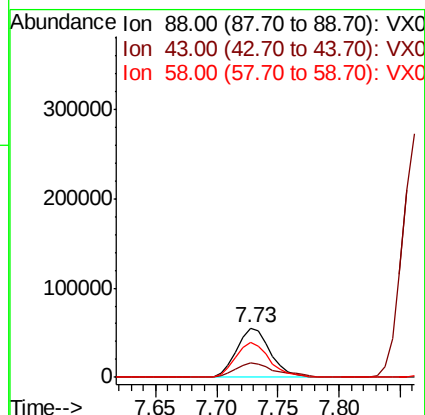
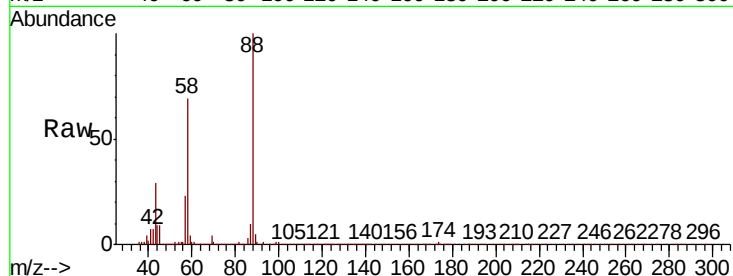




#49
 1,4-Dioxane
 Concen: 870.912 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

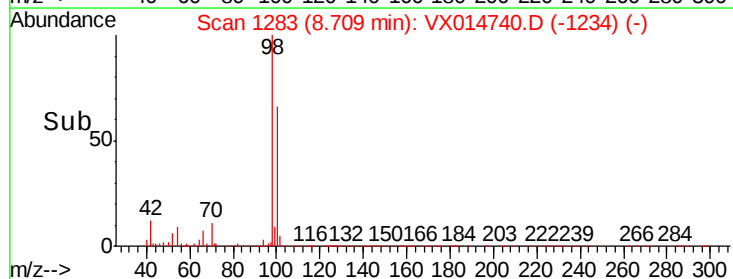
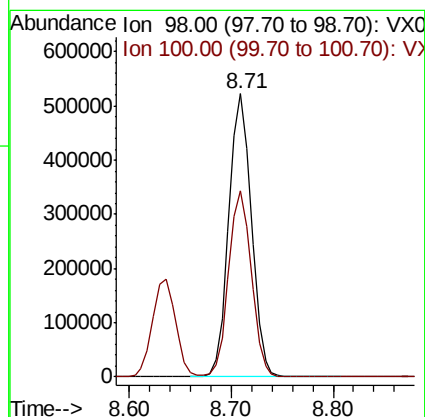
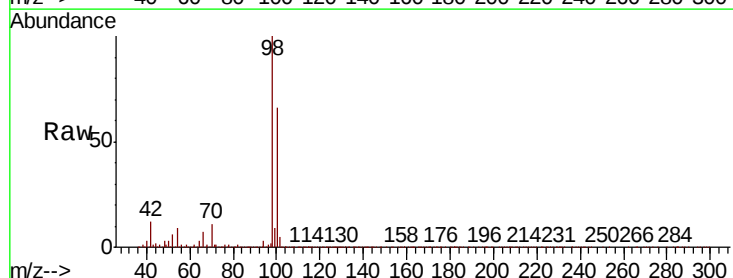
Instrument :
 MSVOA_X
 ClientSampleId :

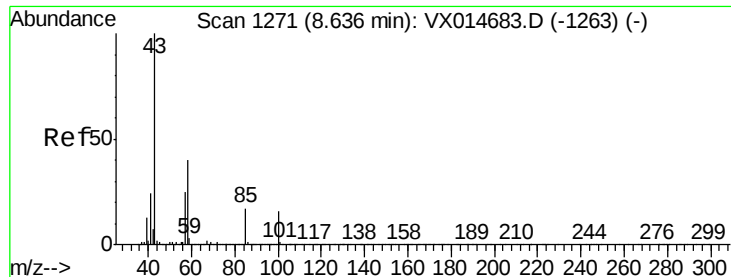
Tot Ion: 88 Resp: 104441
 Ion Ratio Lower Upper
 88 100
 43 34.6 26.2 39.2
 58 73.9 56.6 85.0



#50
 Toluene-d8
 Concen: 48.485 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion: 98 Resp: 799092
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 236.505 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

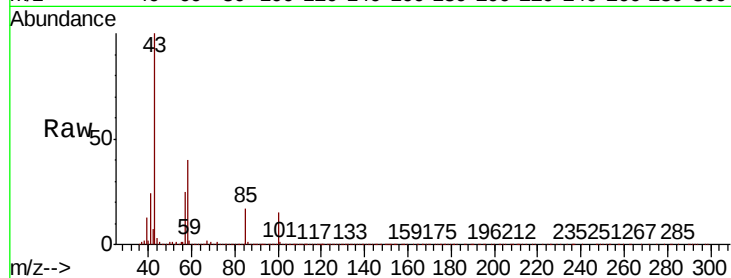
ClientSampleId :

Tot Ion: 43 Resp: 1767426

Ion Ratio Lower Upper

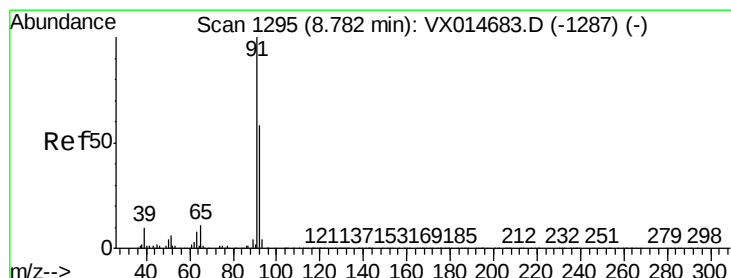
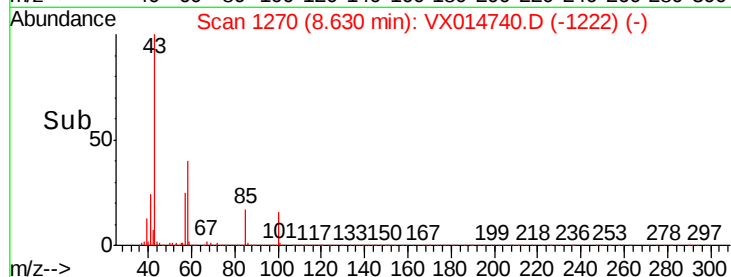
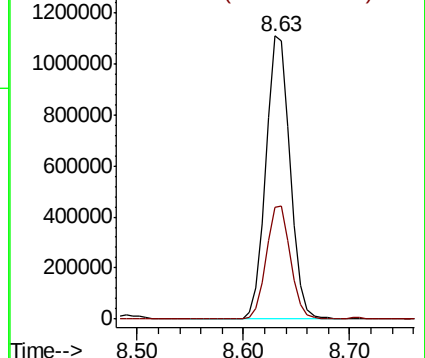
43 100

58 39.9 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.062 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014740.D

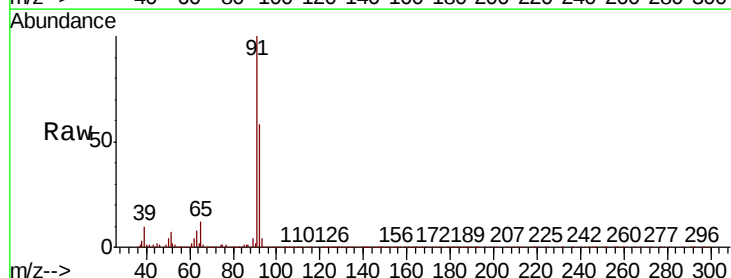
Acq: 28 Jan 2020 10:17

Tgt Ion: 92 Resp: 612264

Ion Ratio Lower Upper

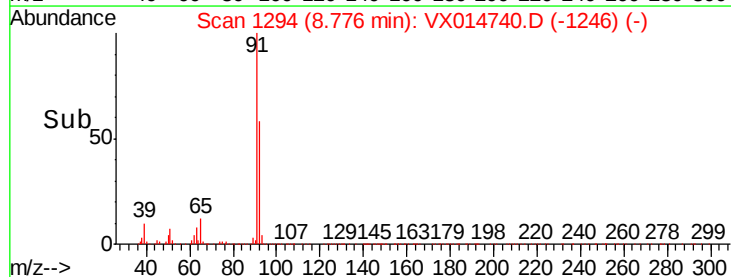
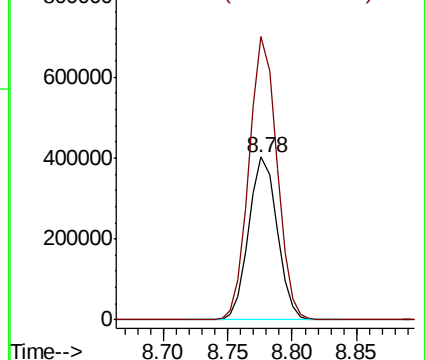
92 100

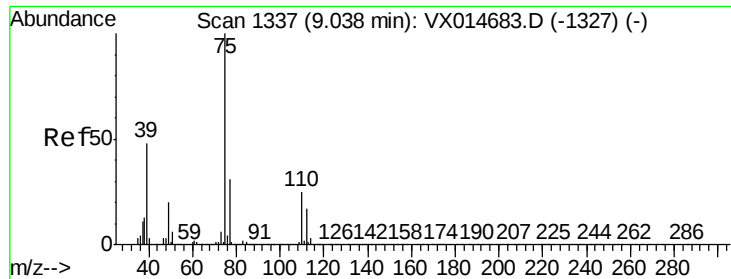
91 171.2 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

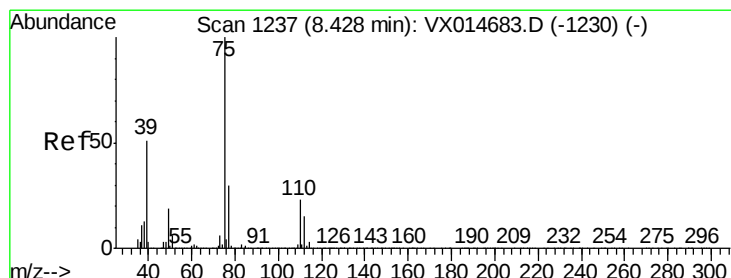
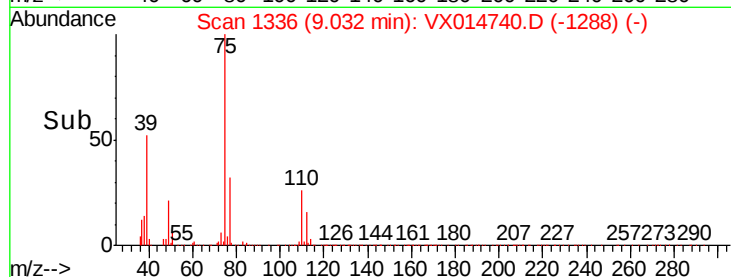
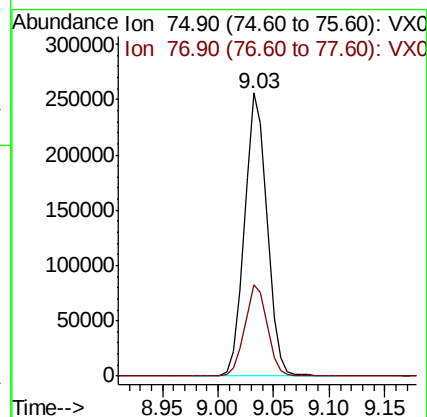
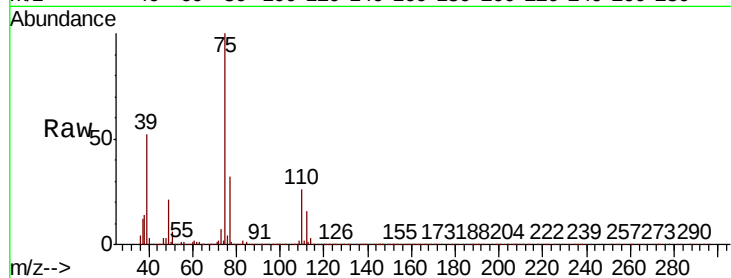
ClientSampled :

Tot Ion: 75 Resp: 357821

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 53.503 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

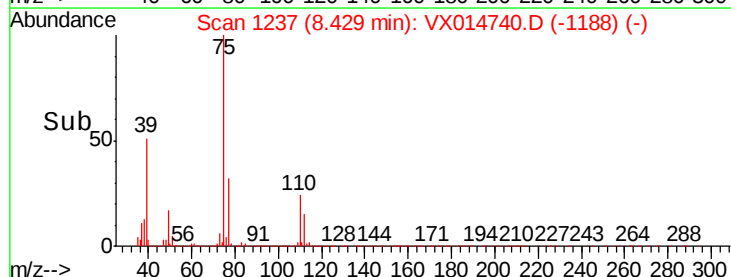
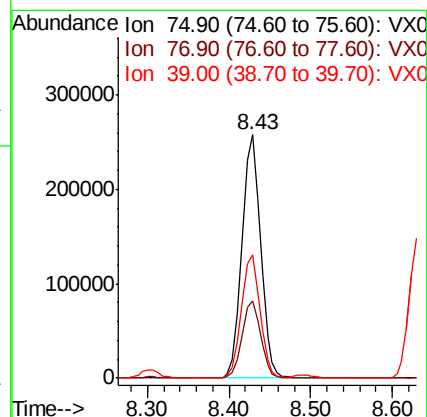
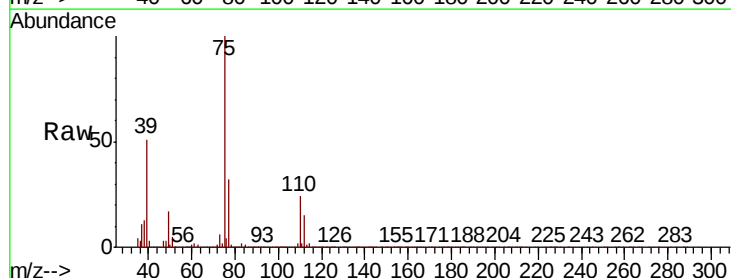
Tgt Ion: 75 Resp: 404558

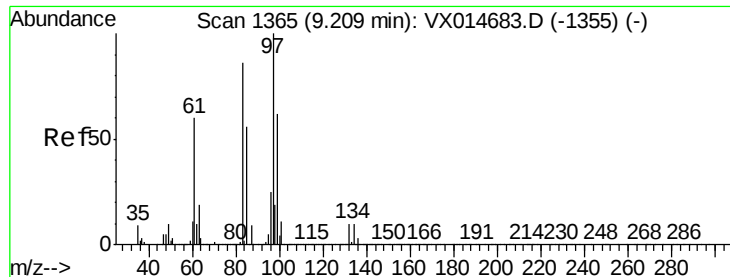
Ion Ratio Lower Upper

75 100

77 31.5 23.9 35.9

39 50.5 40.9 61.3

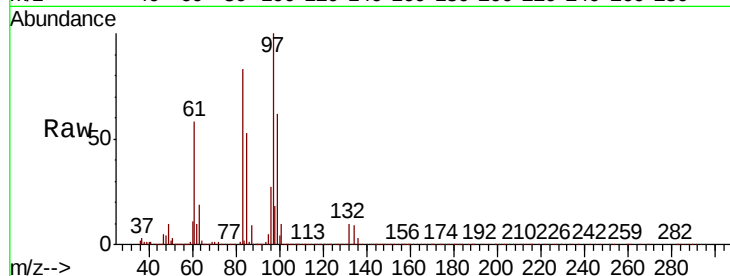




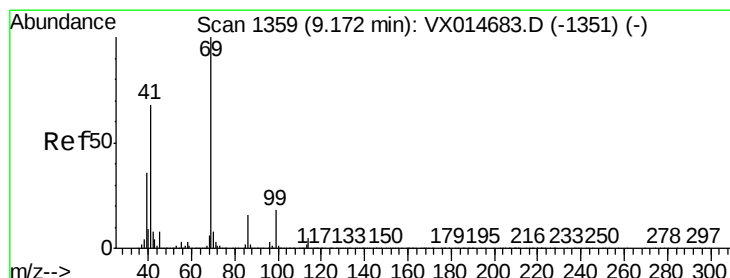
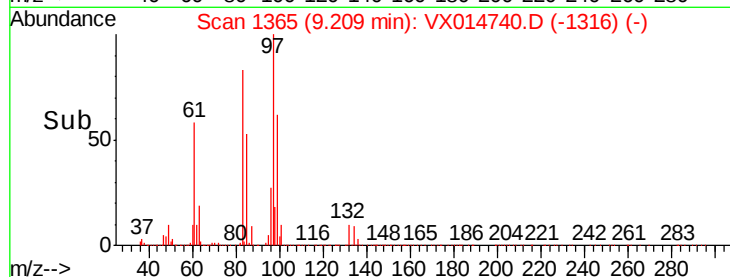
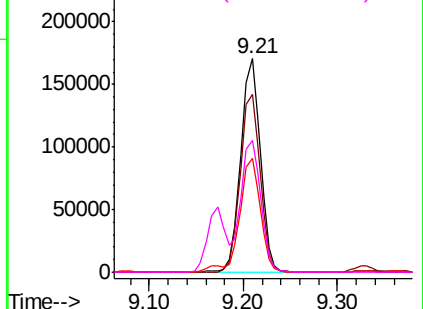
#55
 1,1,2-Trichloroethane
 Concen: 50.609 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	248451
Ion	Ratio	Lower	Upper
97	100		
83	83.4	69.2	103.8
85	53.1	44.6	67.0
99	61.8	50.1	75.1

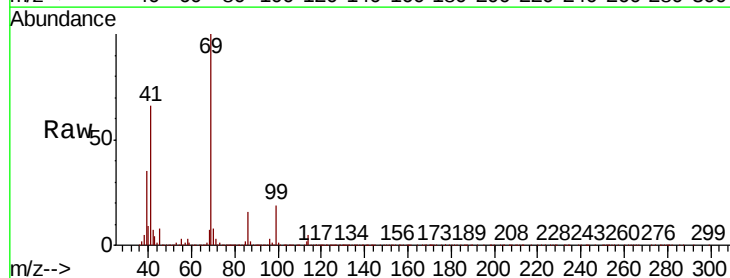


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

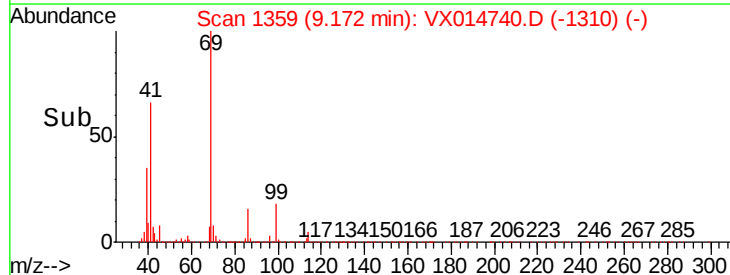
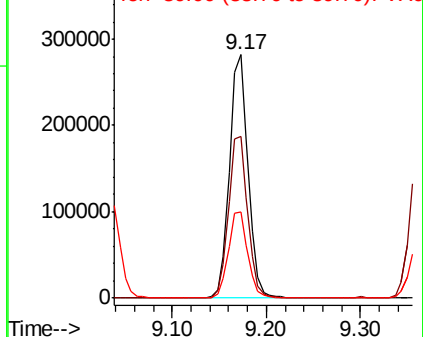


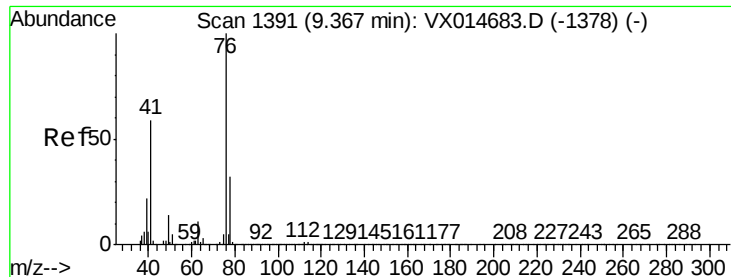
#56
 Ethyl methacrylate
 Concen: 46.363 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion:	69	Resp:	384746
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.9	82.3
39	36.4	29.3	43.9



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: 49.643 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

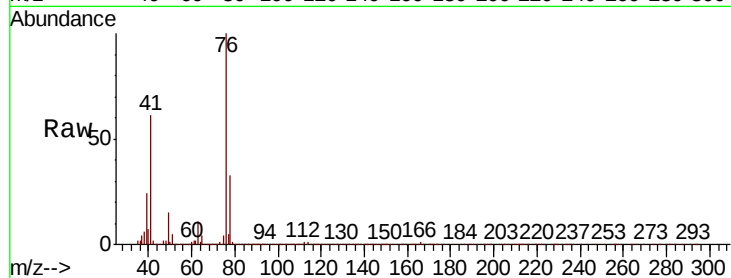
ClientSampleId :

Tot Ion: 76 Resp: 416609

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

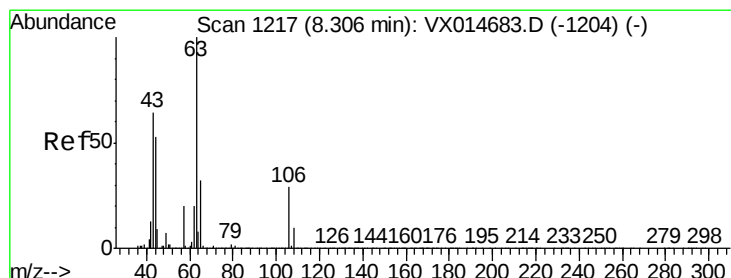
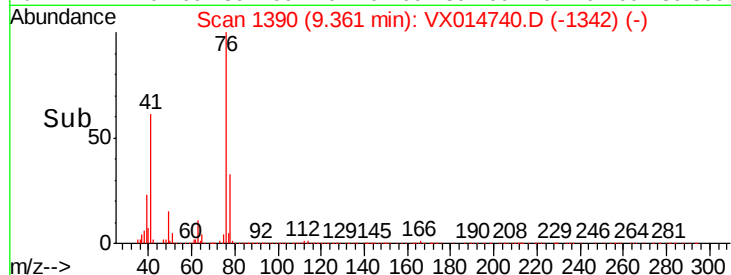
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.756 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014740.D

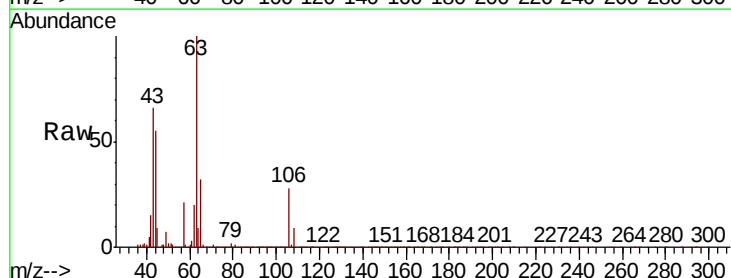
Acq: 28 Jan 2020 10:17

Tgt Ion: 63 Resp: 643775

Ion Ratio Lower Upper

63 100

106 28.9 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

400000

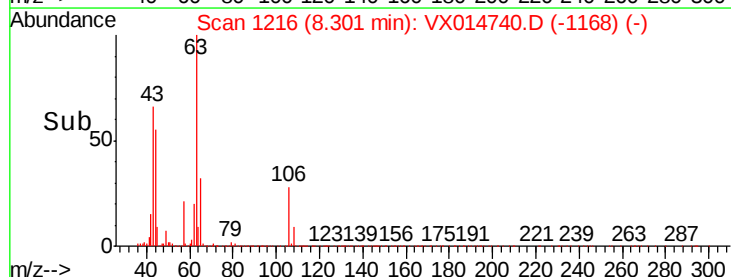
300000

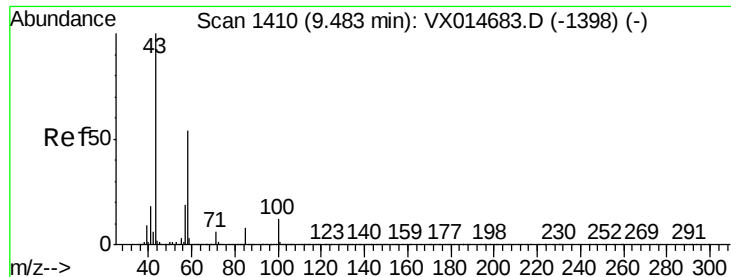
200000

100000

0

Time-->

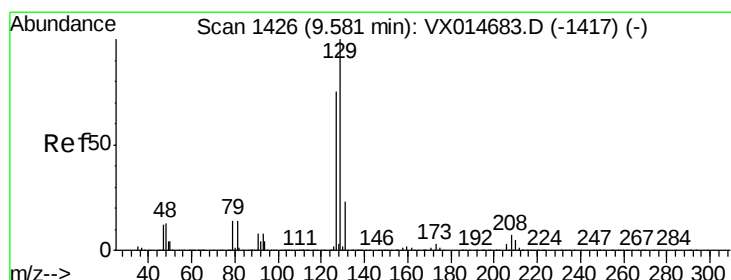
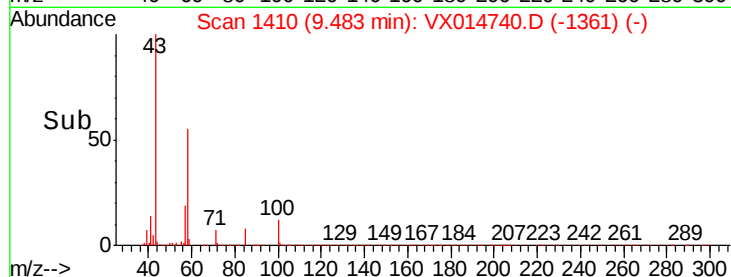
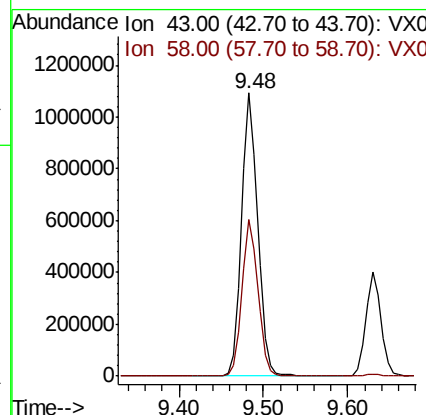
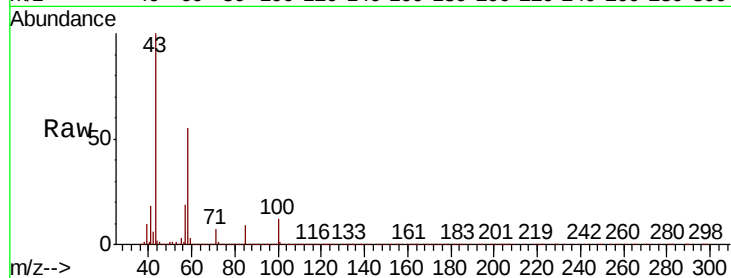




#59
2-Hexanone
Concen: 242.751 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

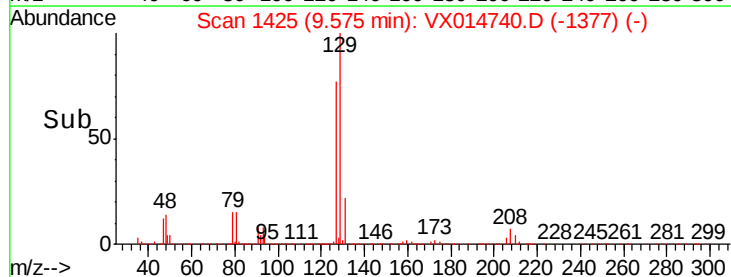
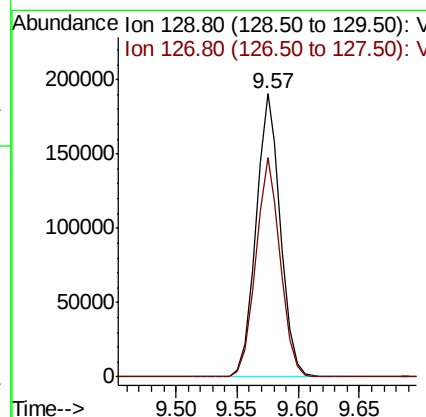
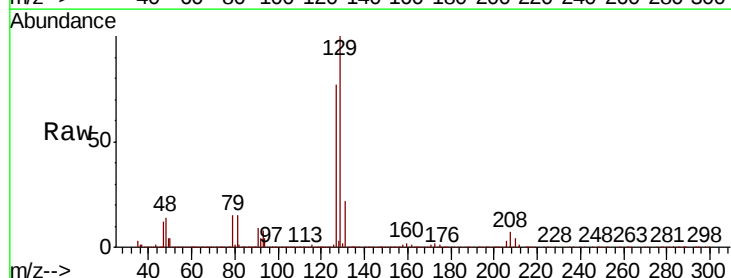
Instrument :
MSVOA_X
ClientSampleId :

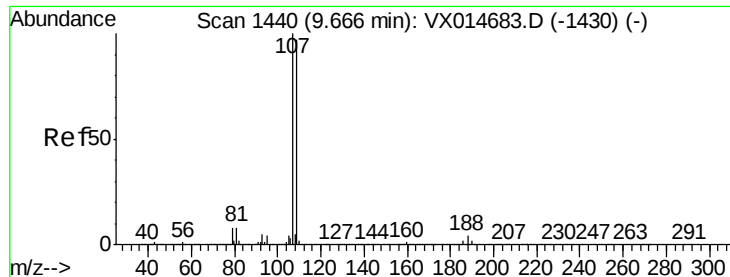
Tot Ion: 43 Resp: 1407718
Ion Ratio Lower Upper
43 100
58 54.8 27.2 81.5



#60
Dibromochloromethane
Concen: 51.679 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion:129 Resp: 264809
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.789 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

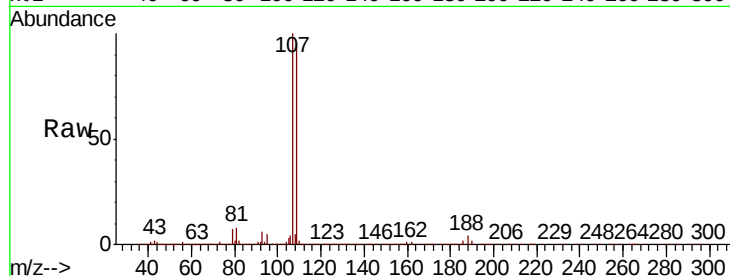
ClientSampleId :

Tot Ion:107 Resp: 258428

Ion Ratio Lower Upper

107 100

109 94.6 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

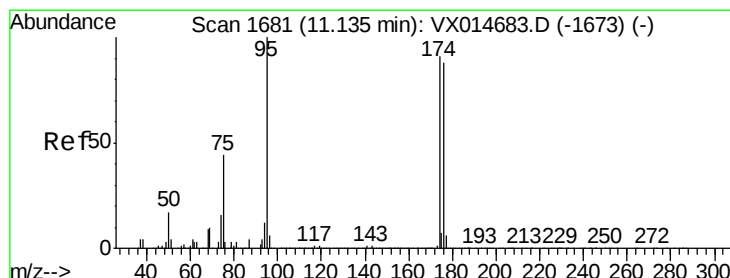
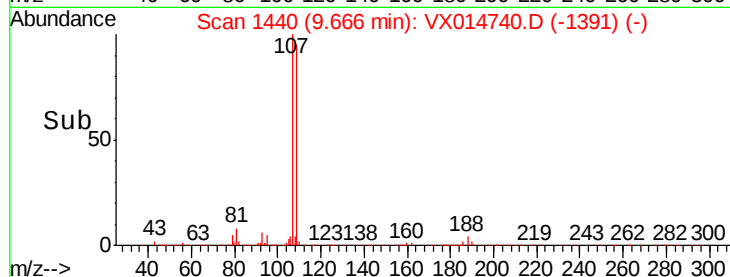
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.802 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

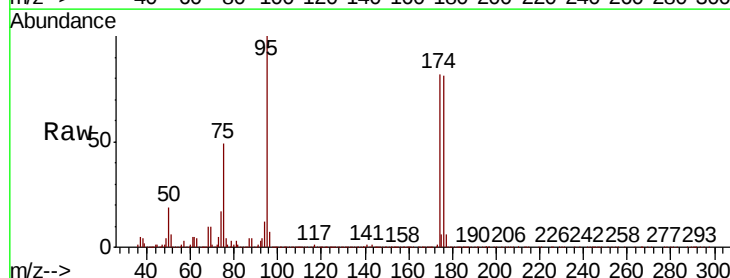
Tgt Ion: 95 Resp: 286515

Ion Ratio Lower Upper

95 100

174 88.1 0.0 176.0

176 86.5 0.0 172.2



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

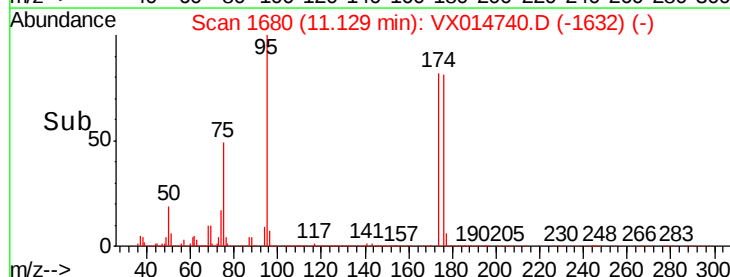
150000

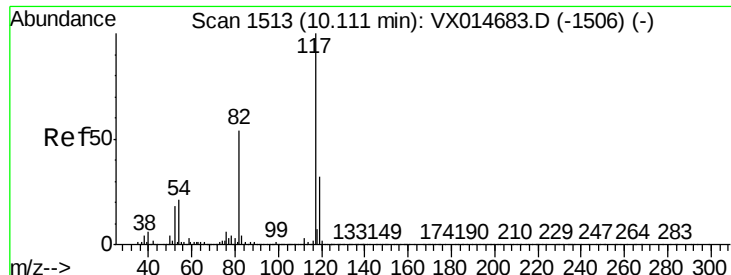
100000

50000

0

Time-->

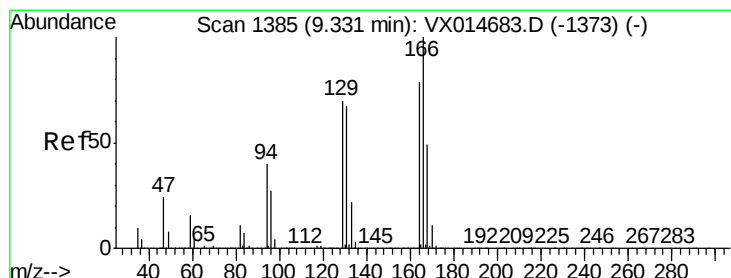
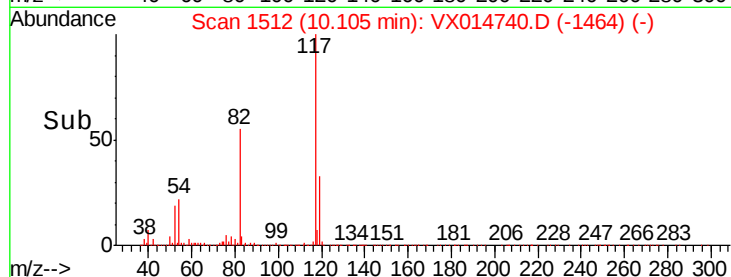
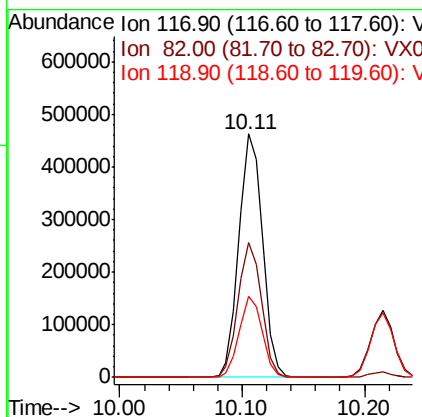
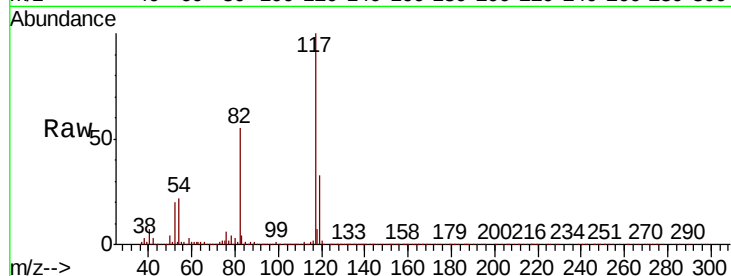




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

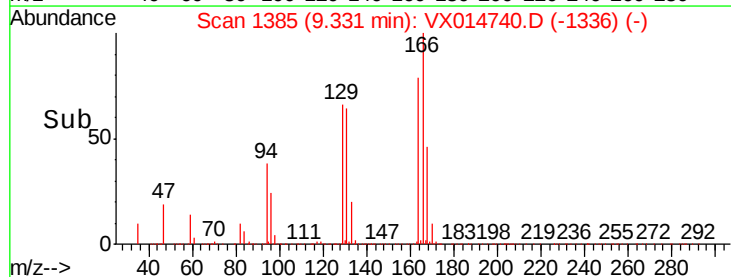
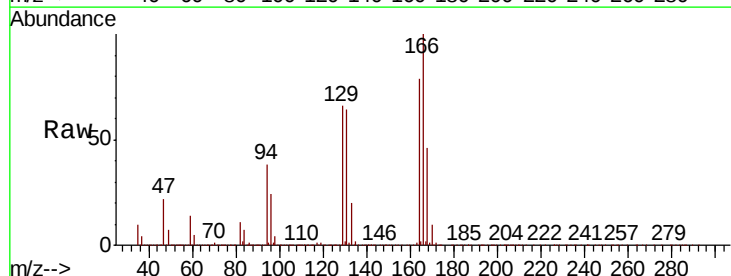
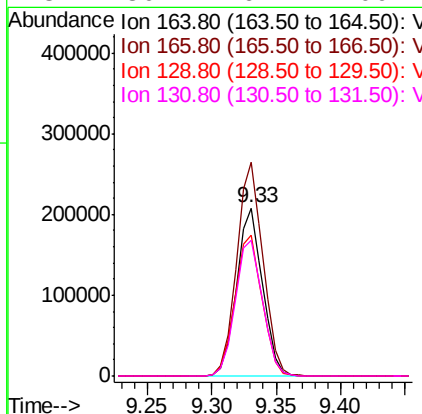
Instrument :
MSVOA_X
ClientSampleId :

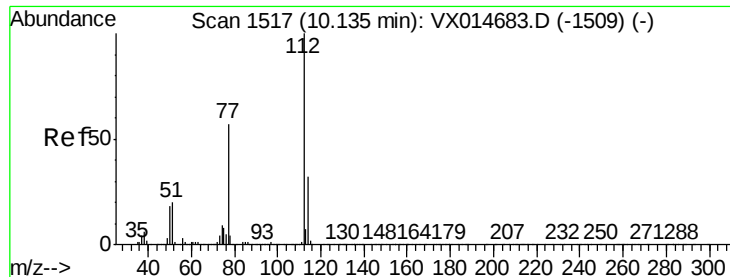
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.2	64.8
119	33.3	25.8	38.6



#64
Tetrachloroethene
Concen: 47.338 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.9	151.3
129	83.5	71.0	106.6
131	80.7	67.1	100.7





#65

Chlorobenzene

Concen: 50.092 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

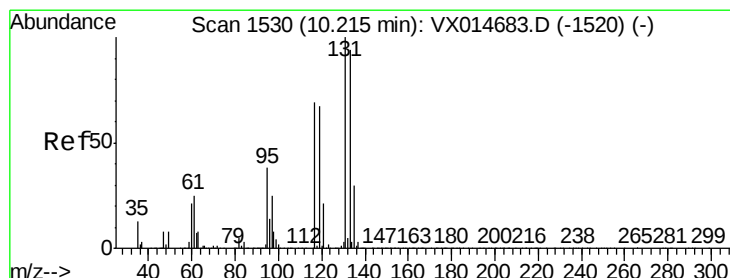
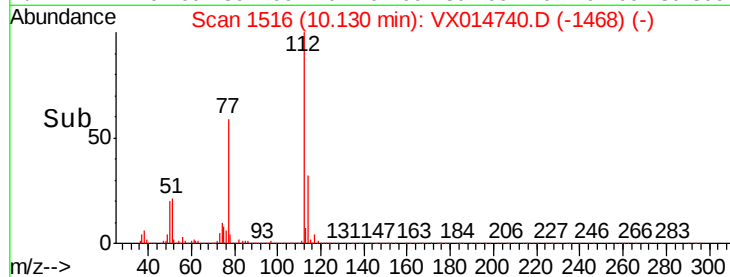
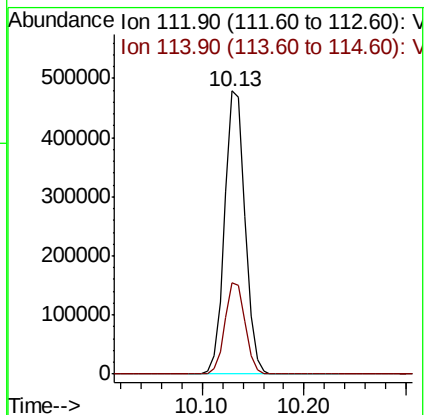
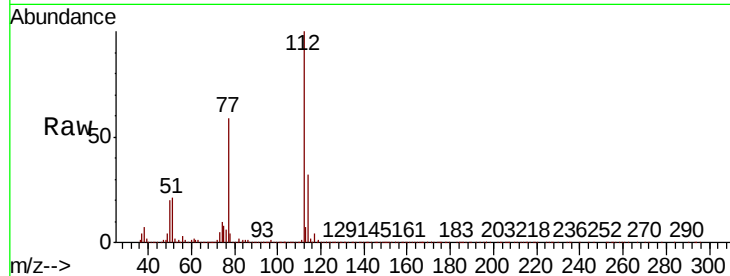
ClientSampleId :

Tot Ion:112 Resp: 663023

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 50.505 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

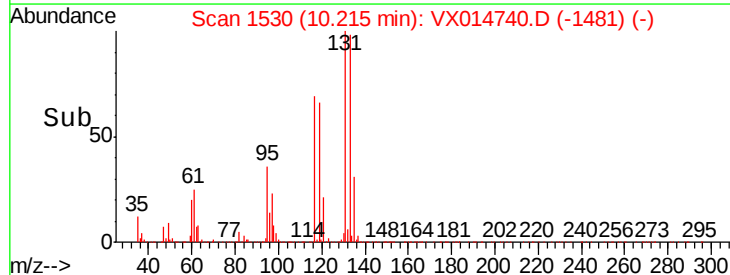
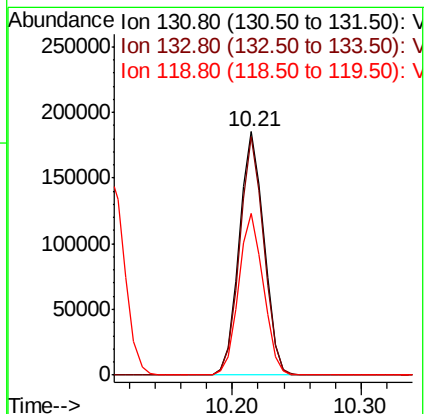
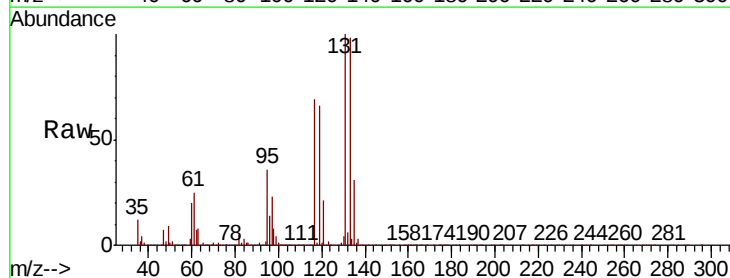
Tgt Ion:131 Resp: 246476

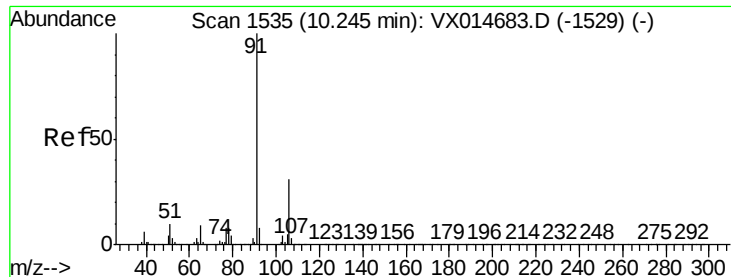
Ion Ratio Lower Upper

131 100

133 95.2 47.4 142.3

119 66.0 33.3 99.8





#67

Ethyl Benzene

Concen: 51.929 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

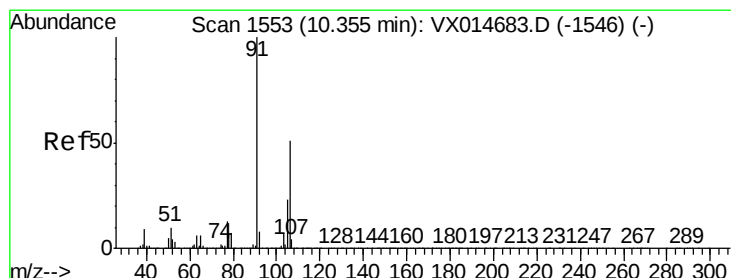
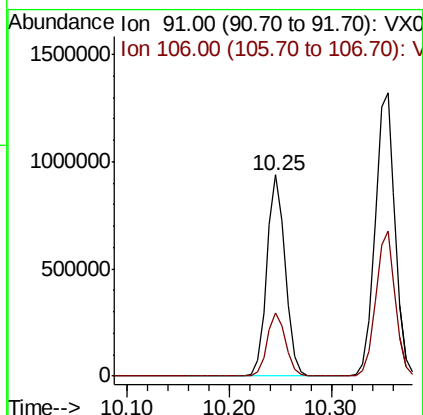
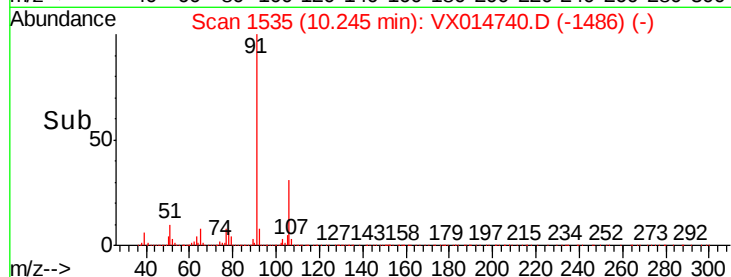
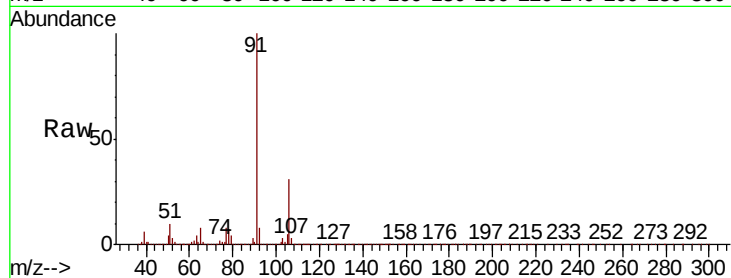
ClientSampleId :

Tot Ion: 91 Resp: 1173633

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 104.947 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014740.D

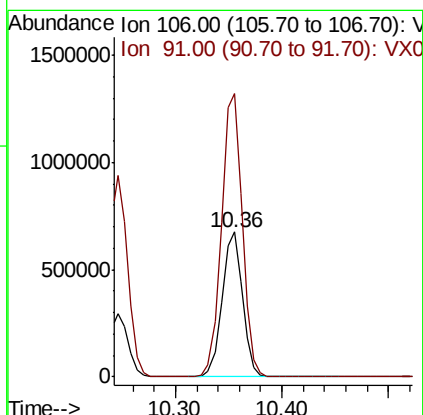
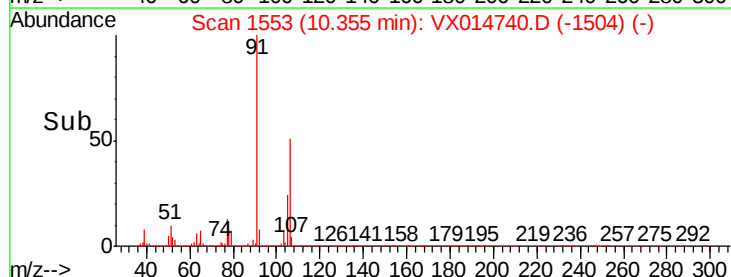
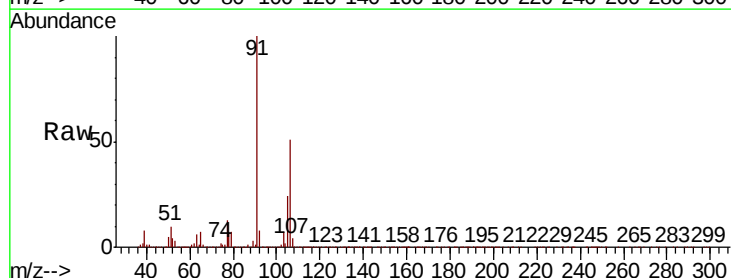
Acq: 28 Jan 2020 10:17

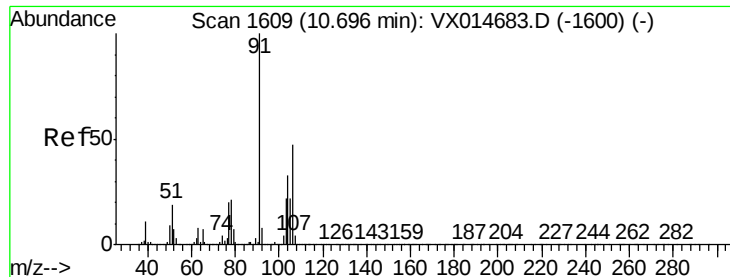
Tgt Ion: 106 Resp: 898570

Ion Ratio Lower Upper

106 100

91 200.2 159.4 239.2

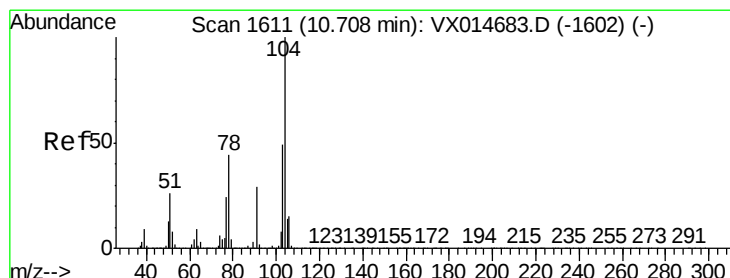
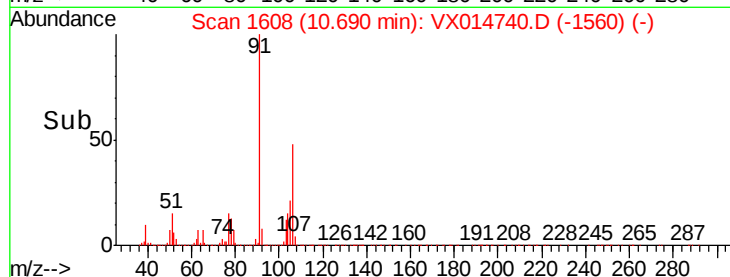
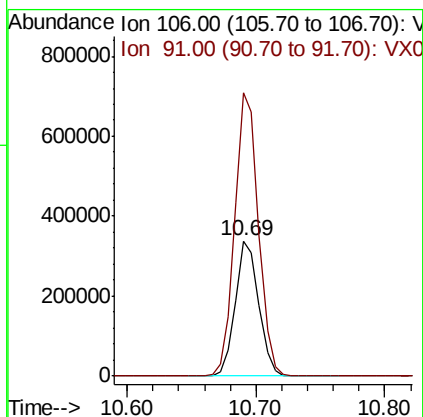
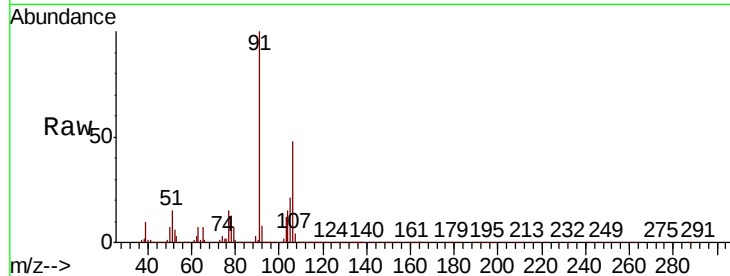




#69
o-Xylene
Concen: 51.822 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

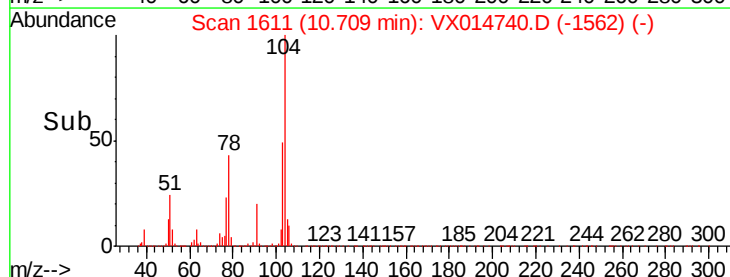
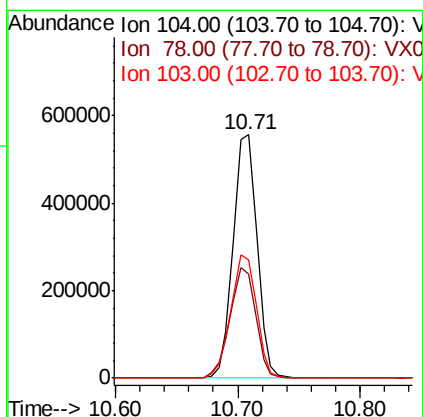
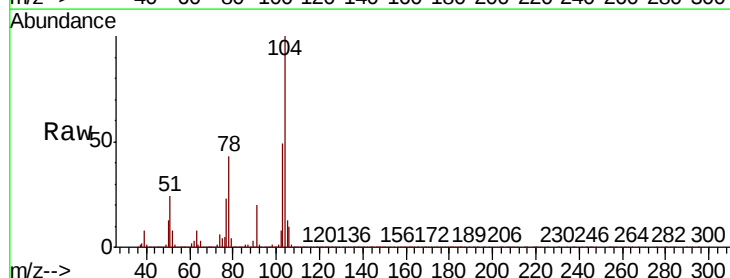
Instrument :
MSVOA_X
ClientSampleId :

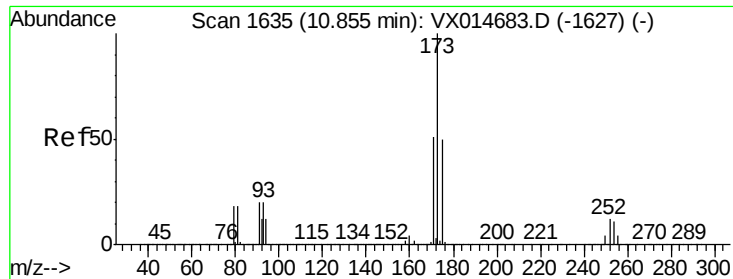
Tot Ion:106 Resp: 428354
Ion Ratio Lower Upper
106 100
91 211.8 106.2 318.6



#70
Styrene
Concen: 54.075 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion:104 Resp: 749791
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.3 43.5 65.3

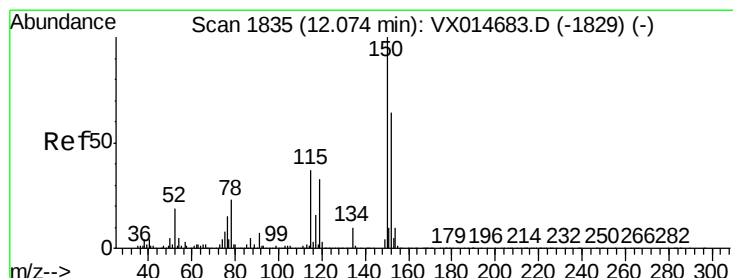
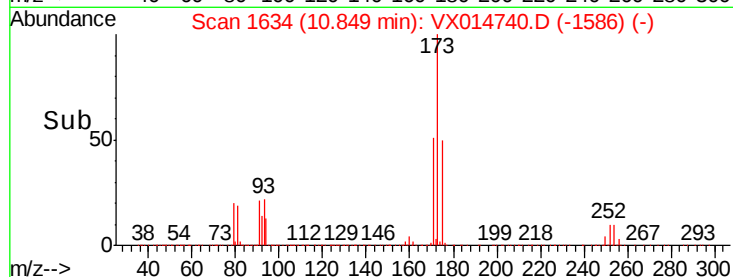
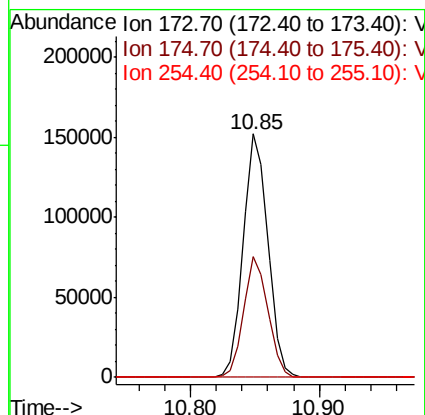
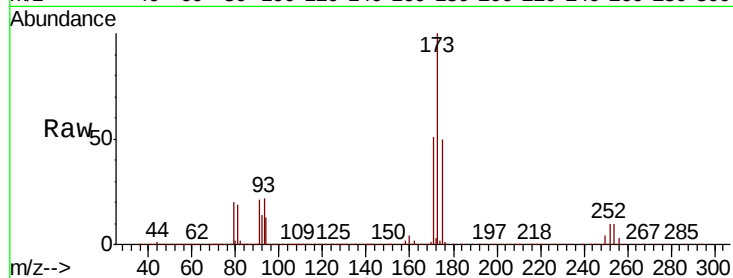




#71
Bromoform
Concen: 51.827 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

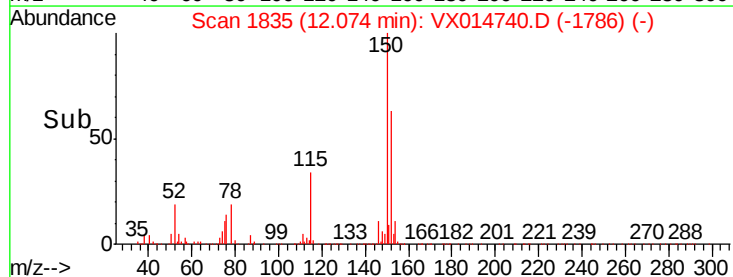
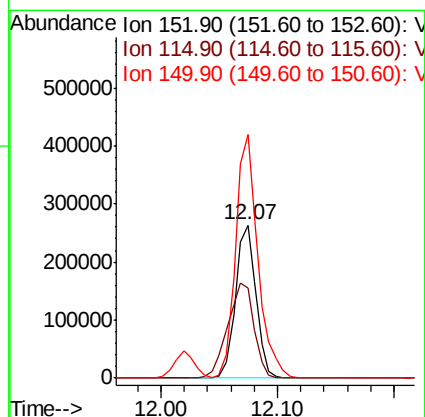
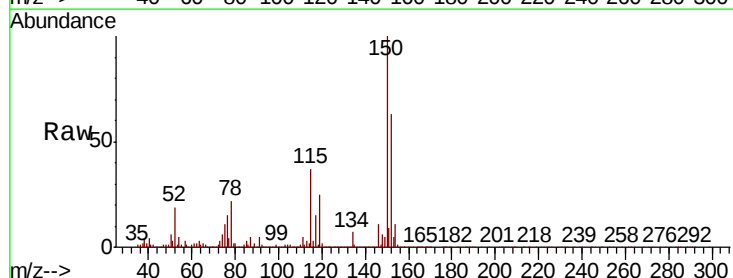
Instrument :
MSVOA_X
ClientSampleId :

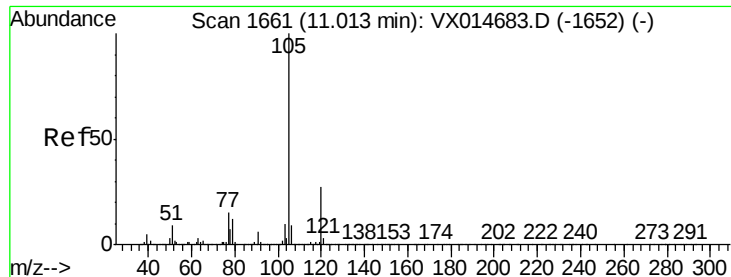
Tot Ion:173 Resp: 201138
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion:152 Resp: 321952
Ion Ratio Lower Upper
152 100
115 79.0 39.4 118.1
150 173.3 0.0 351.2





#73

Isopropylbenzene

Concen: 51.184 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

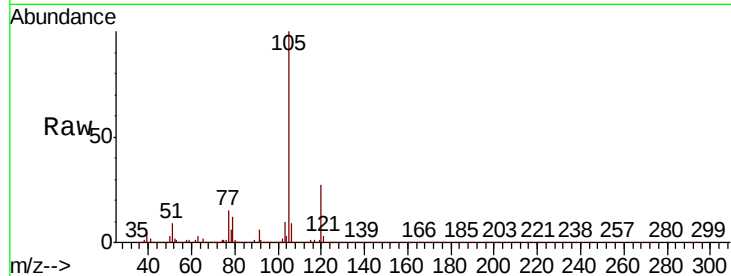
ClientSampleId :

Tot Ion:105 Resp: 1158674

Ion Ratio Lower Upper

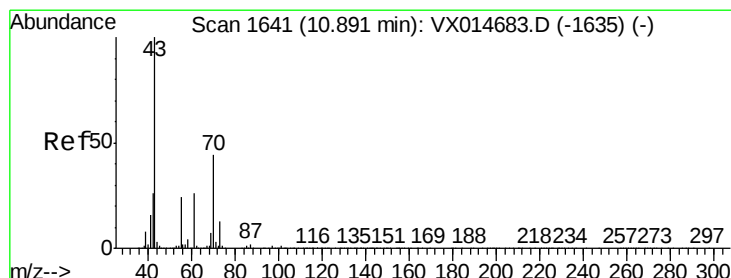
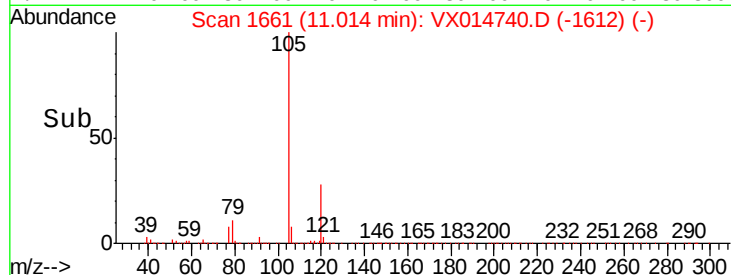
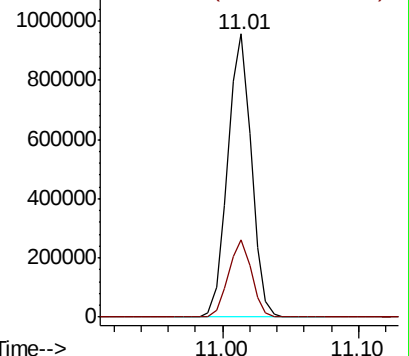
105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.727 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion: 43 Resp: 493298

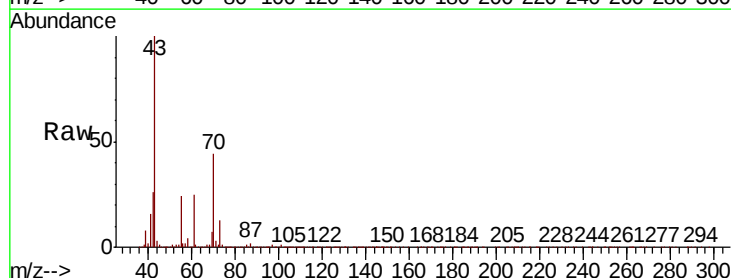
Ion Ratio Lower Upper

43 100

70 43.2 34.6 52.0

55 24.7 19.4 29.2

61 24.3 19.8 29.6

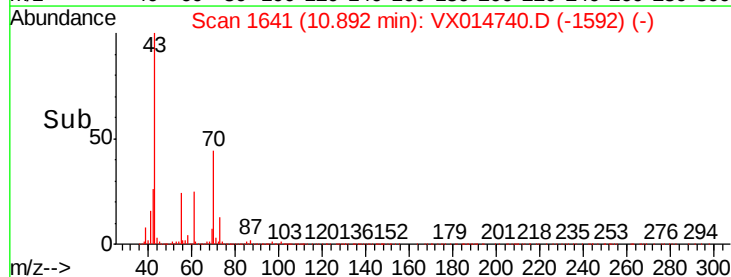
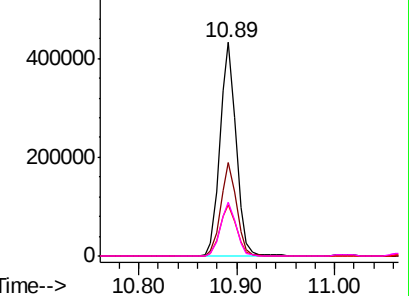


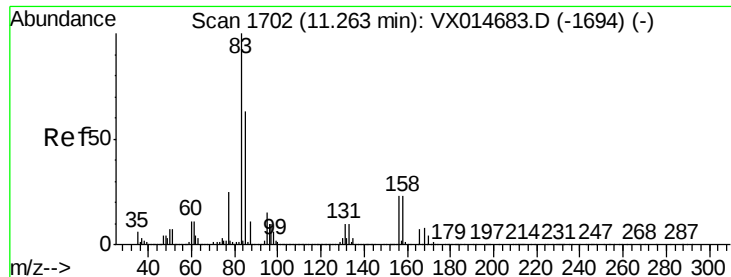
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.550 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

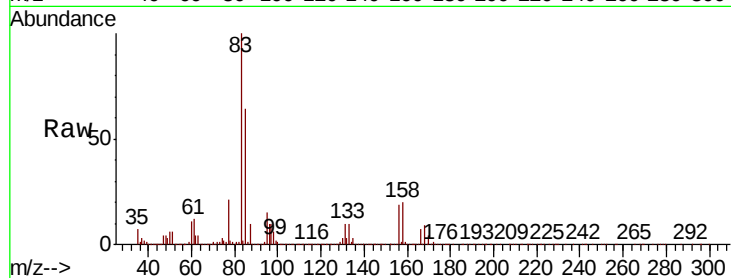
Tot Ion: 83 Resp: 368166

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

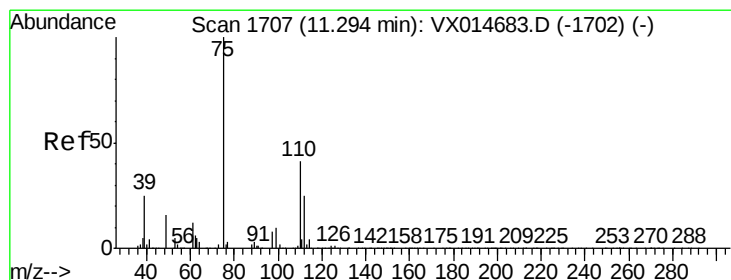
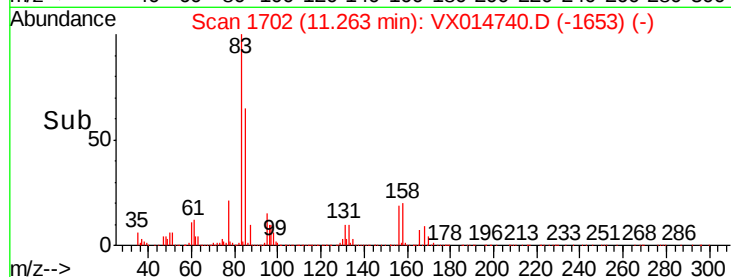
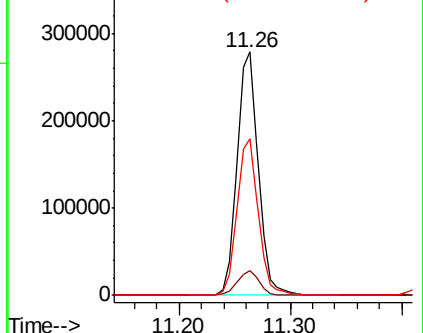
85 64.5 31.7 95.1



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: 57.494 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014740.D

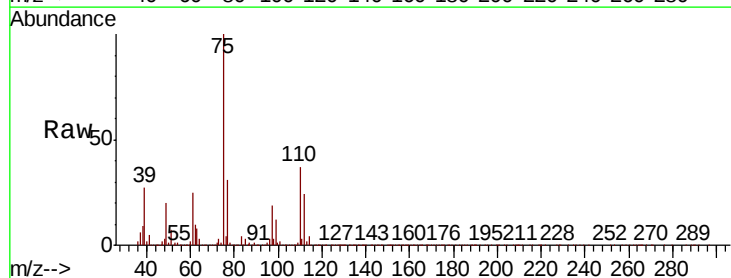
Acq: 28 Jan 2020 10:17

Tgt Ion: 75 Resp: 430655

Ion Ratio Lower Upper

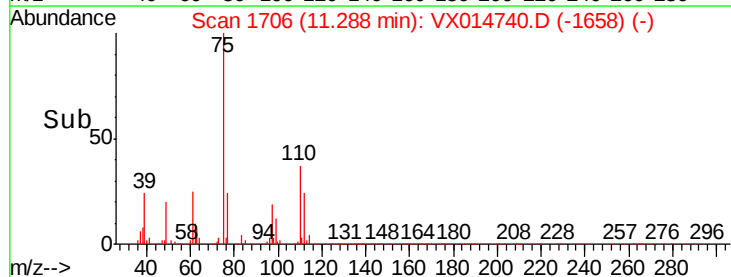
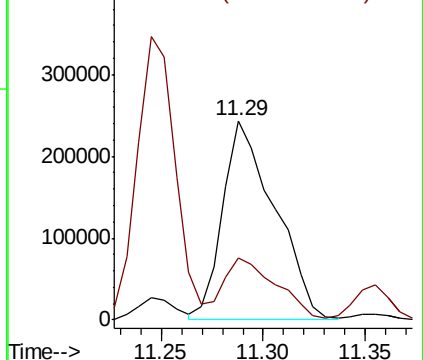
75 100

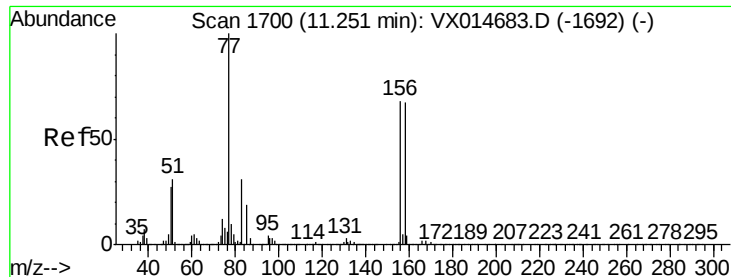
77 31.8 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.880 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

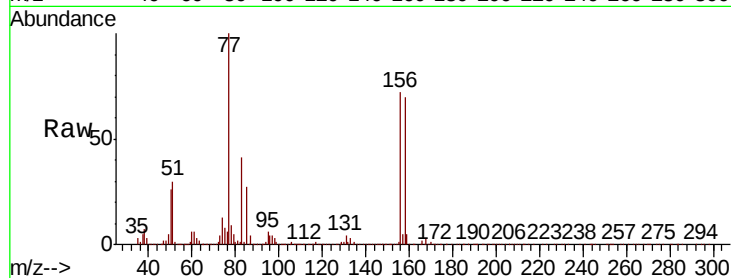
Tot Ion:156 Resp: 297266

Ion Ratio Lower Upper

156 100

77 151.3 77.5 232.5

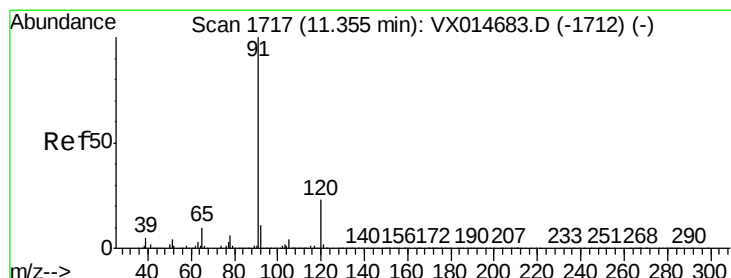
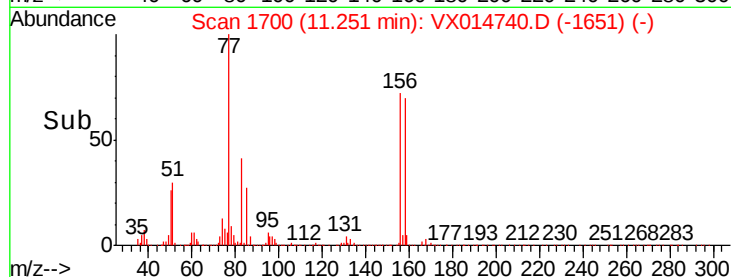
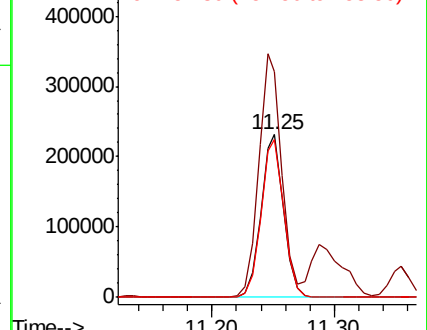
158 98.0 49.1 147.3



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: 52.046 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014740.D

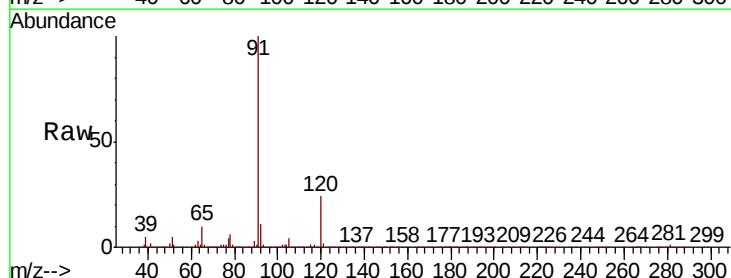
Acq: 28 Jan 2020 10:17

Tgt Ion: 91 Resp: 1337353

Ion Ratio Lower Upper

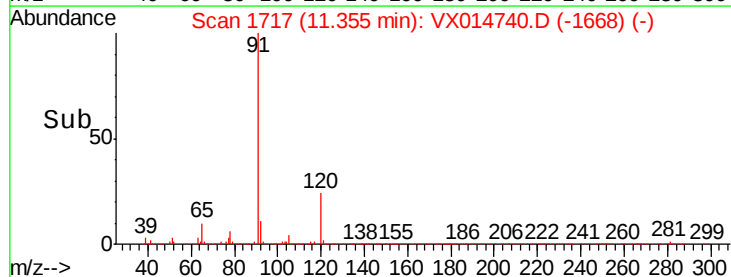
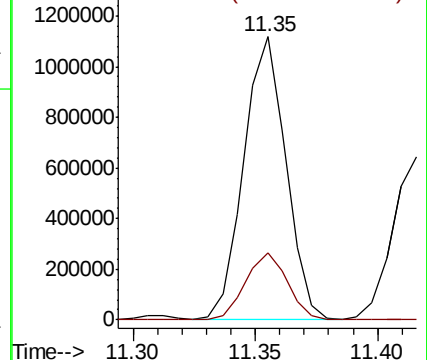
91 100

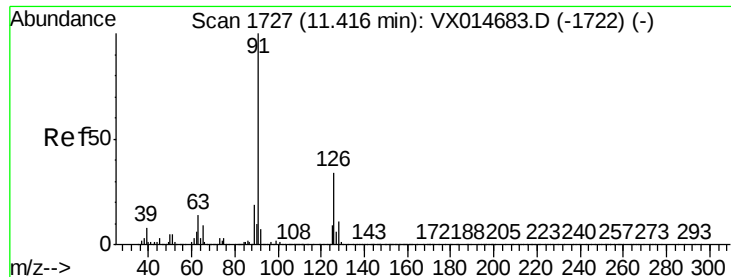
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

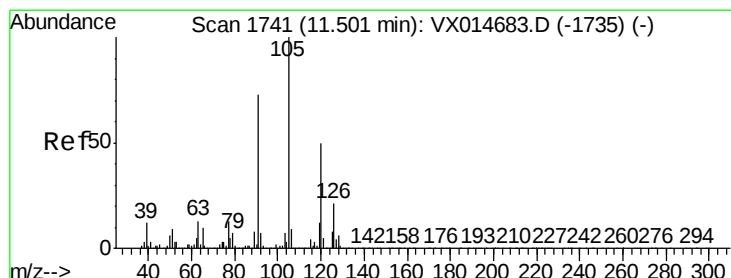
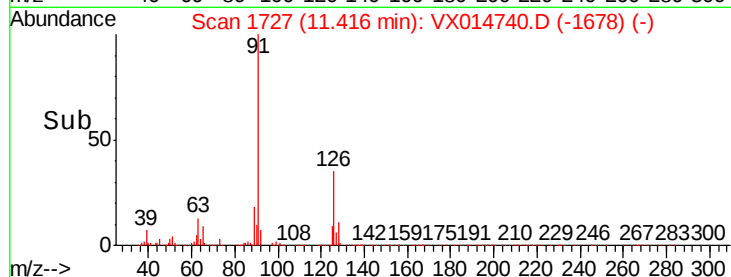
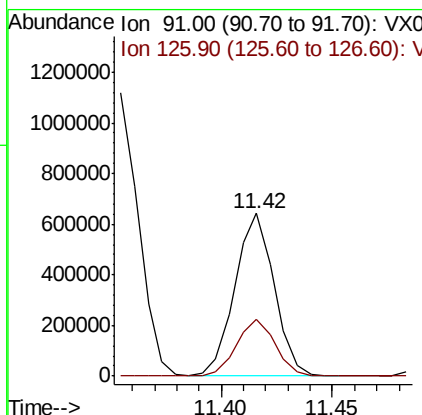
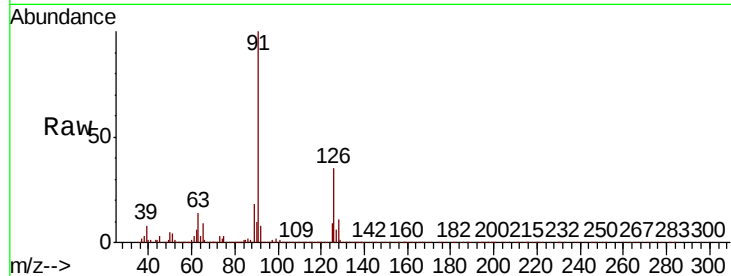




#79
 2-Chlorotoluene
 Concen: 50.659 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

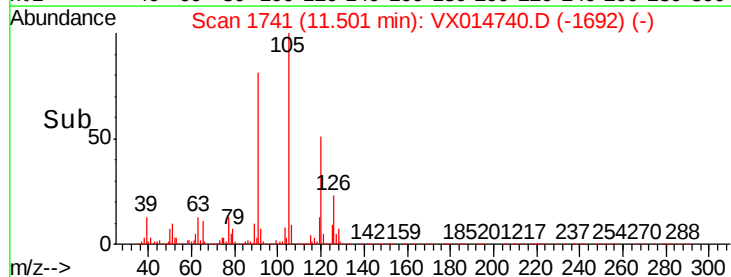
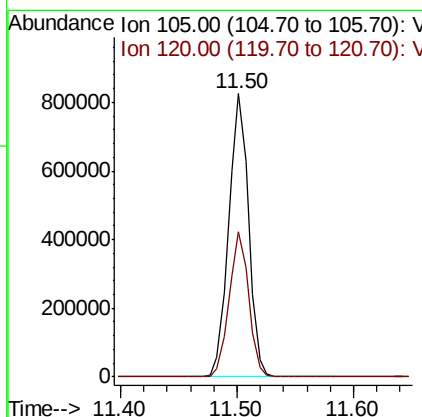
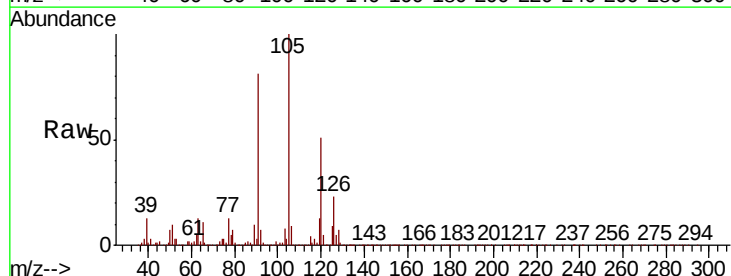
Instrument :
 MSVOA_X
 ClientSampleId :

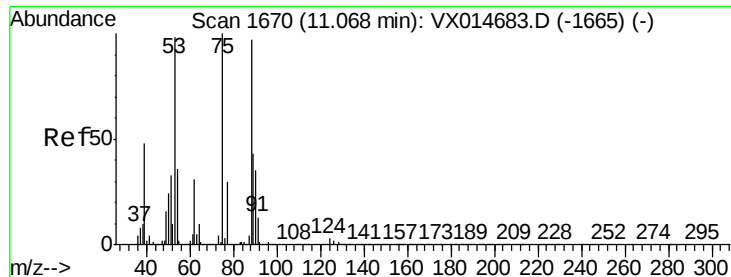
Tot Ion: 91 Resp: 787617
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.802 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion: 105 Resp: 973285
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 47.235 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

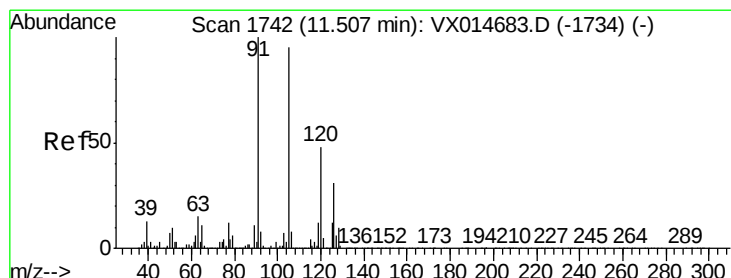
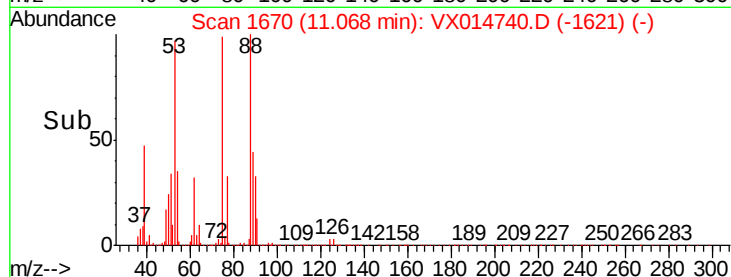
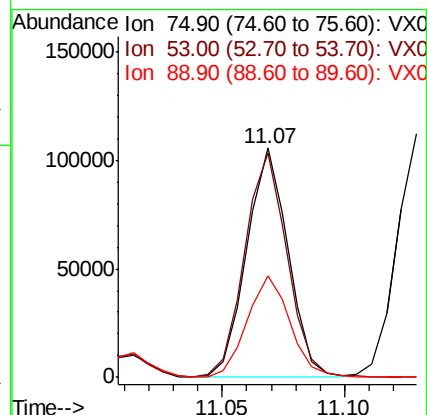
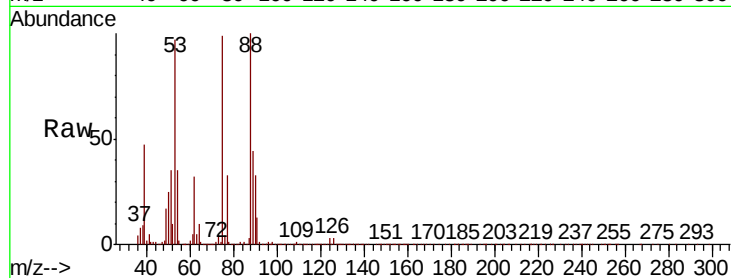
Tot Ion: 75 Resp: 124327

Ion Ratio Lower Upper

75 100

53 99.8 78.8 118.2

89 46.0 35.4 53.0



#82

4-Chlorotoluene

Concen: 51.571 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014740.D

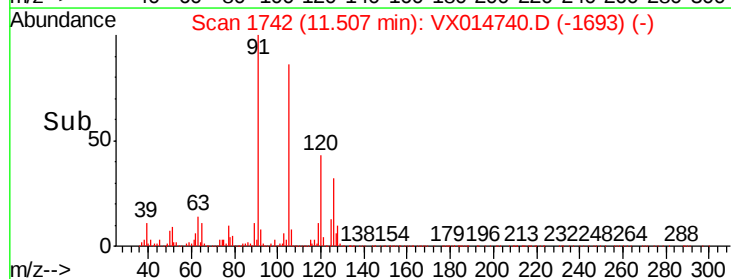
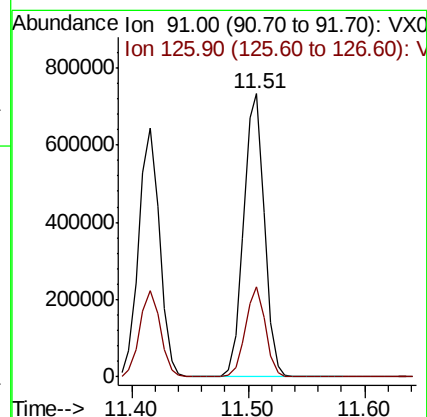
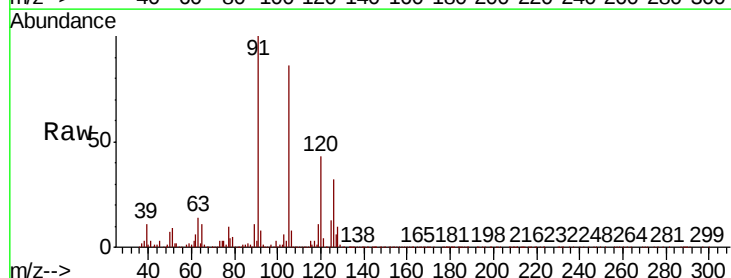
Acq: 28 Jan 2020 10:17

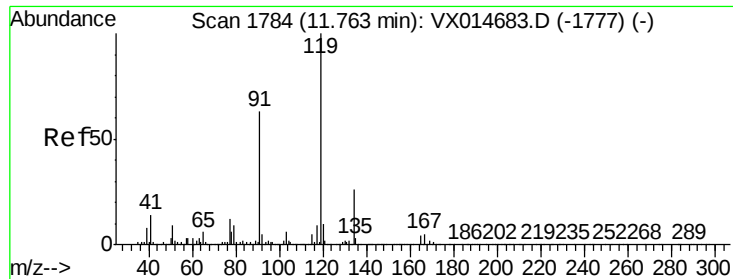
Tgt Ion: 91 Resp: 912806

Ion Ratio Lower Upper

91 100

126 30.6 15.4 46.4

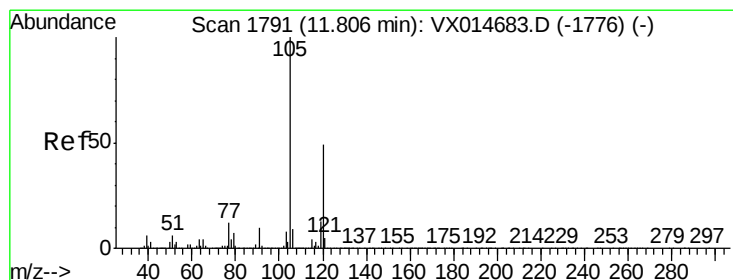
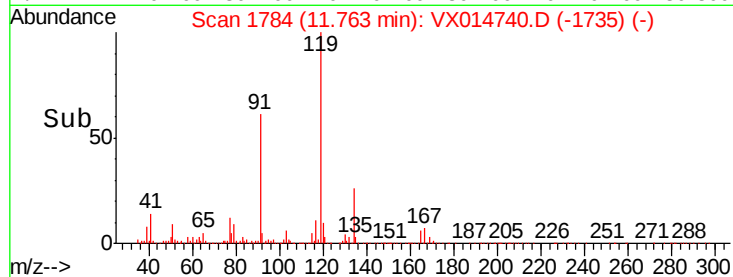
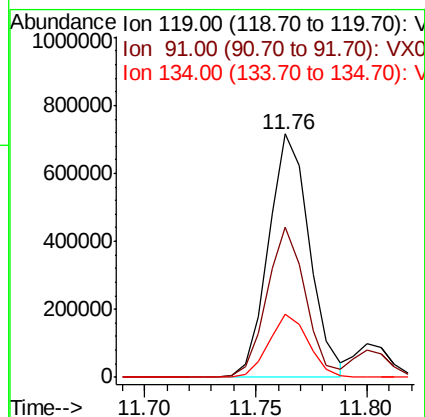
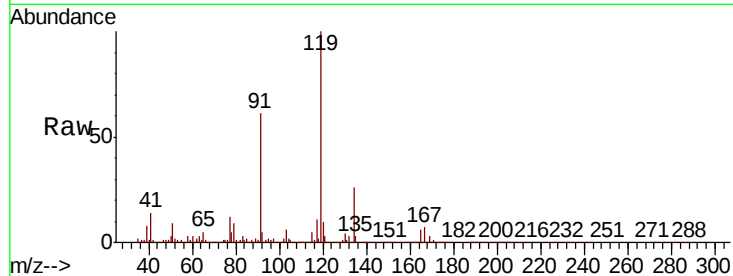




#83
tert-Butylbenzene
Concen: 51.694 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

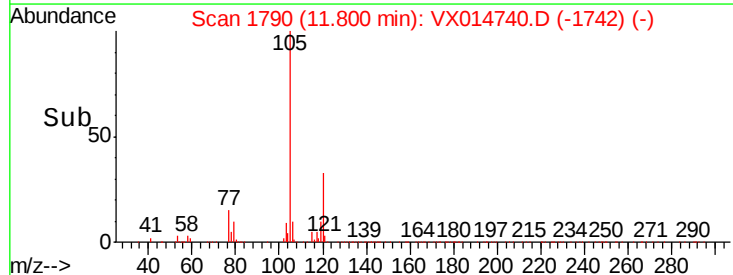
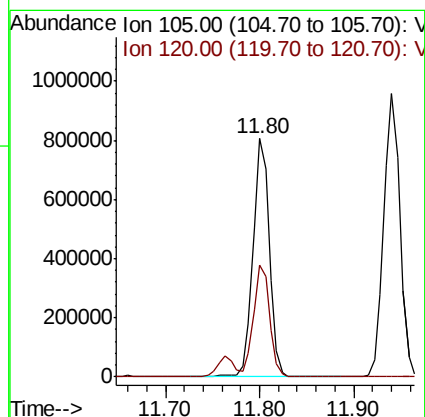
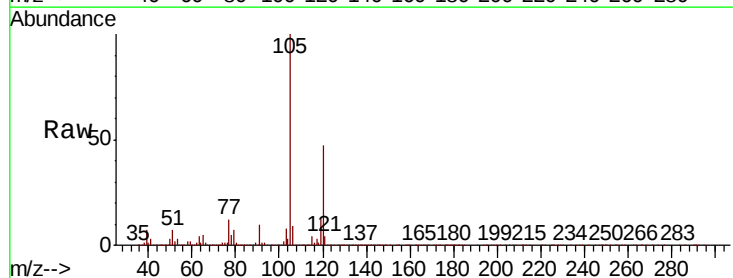
Instrument :
MSVOA_X
ClientSampleId :

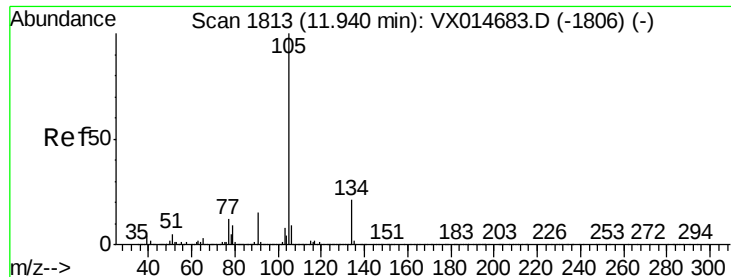
Tot Ion:119 Resp: 912653
Ion Ratio Lower Upper
119 100
91 58.2 30.0 90.0
134 25.0 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 52.088 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion:105 Resp: 981618
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.830 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

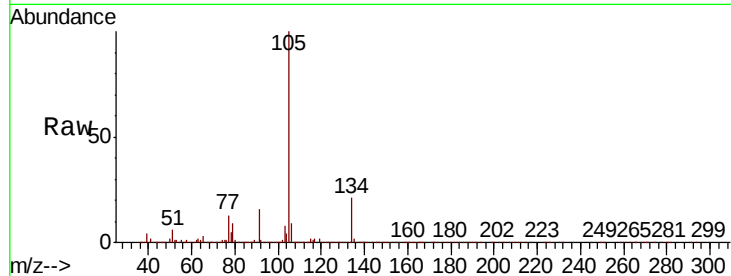
ClientSampleId :

Tot Ion:105 Resp: 1142625

Ion Ratio Lower Upper

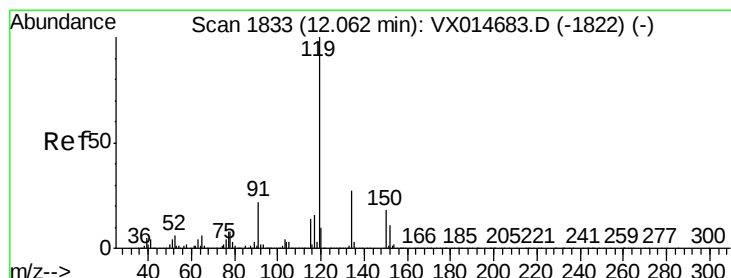
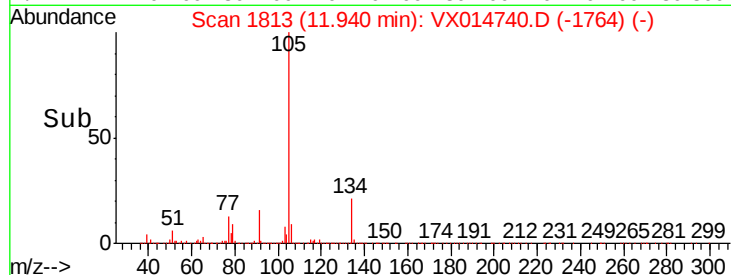
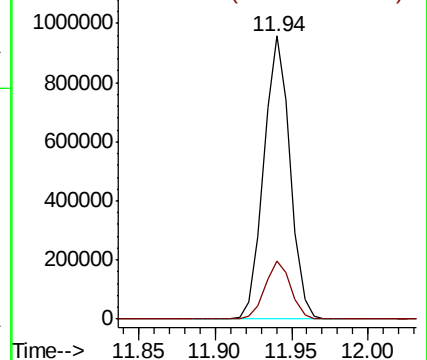
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.271 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

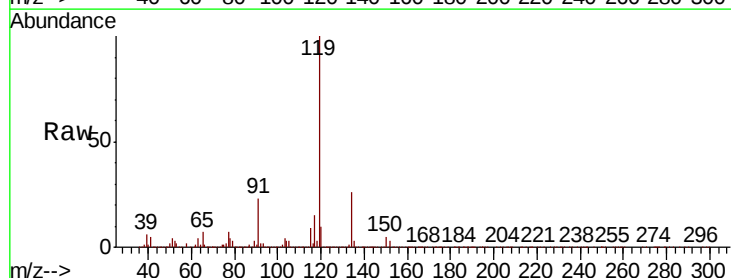
Tgt Ion:119 Resp: 1064780

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

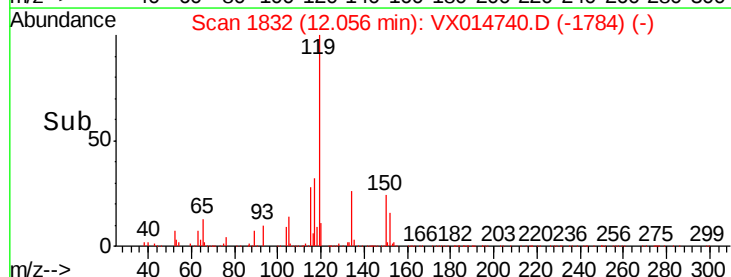
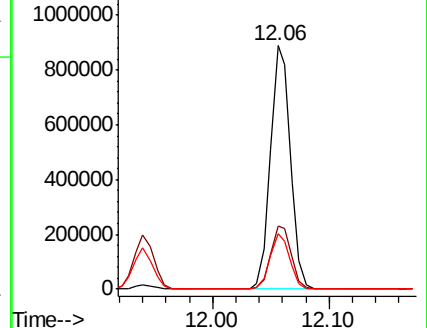
91 22.4 11.3 33.8

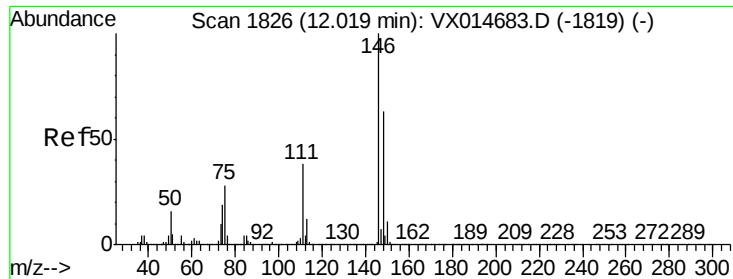


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

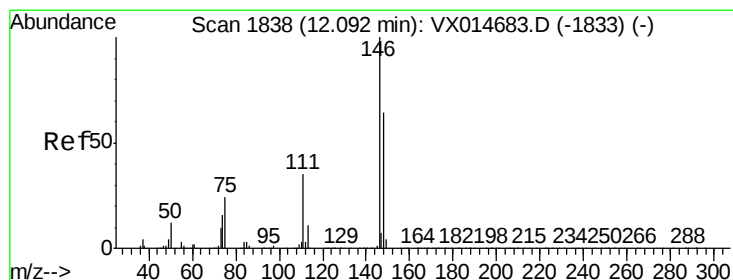
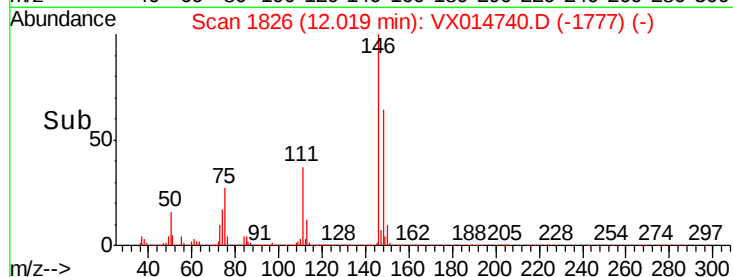
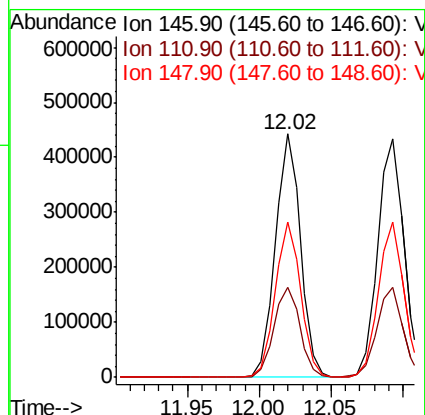
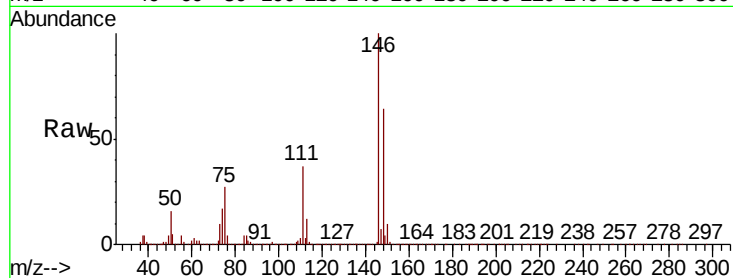




#87
 1,3-Dichlorobenzene
 Concen: 49.273 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

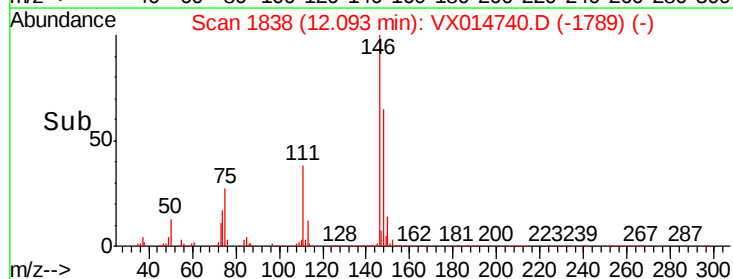
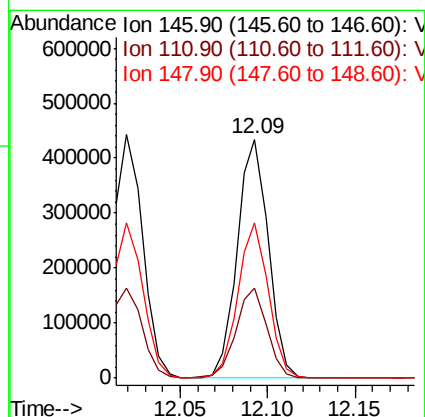
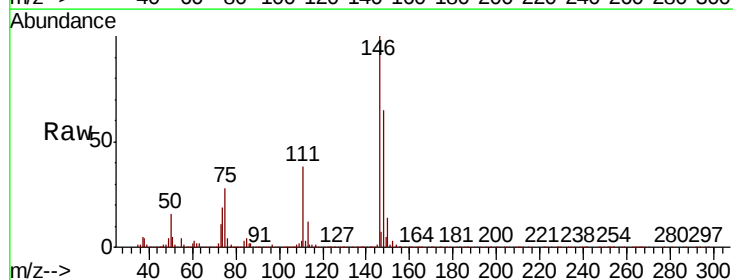
Instrument :
 MSVOA_X
 ClientSampled :

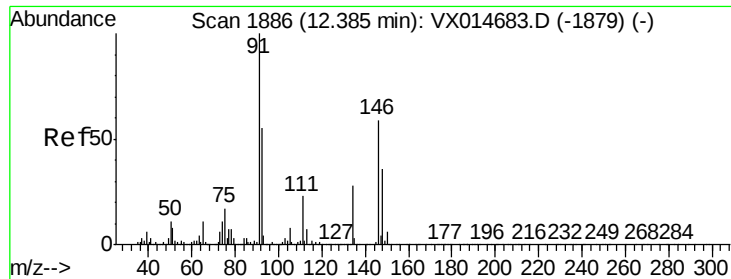
Tot Ion:146 Resp: 538532
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.0 57.0
 148 64.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.888 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion:146 Resp: 535228
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.6 55.8
 148 63.7 32.0 96.2

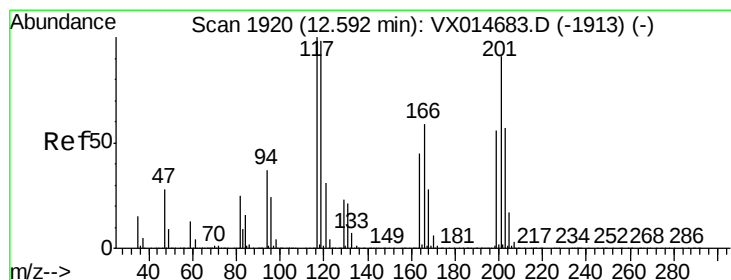
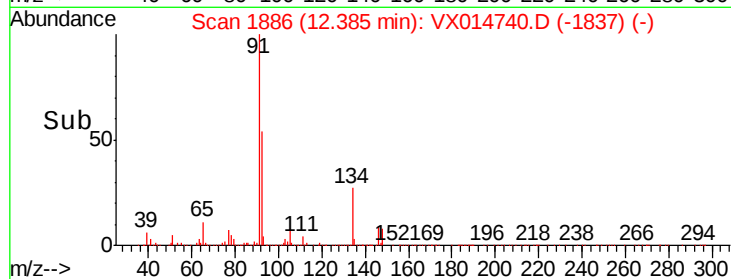
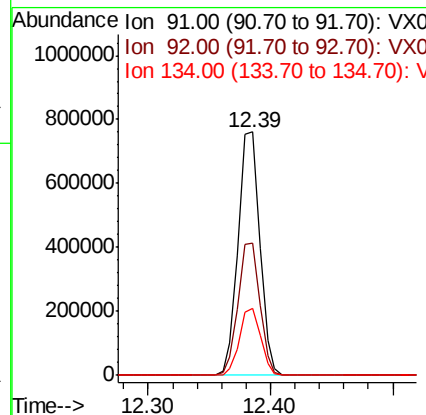
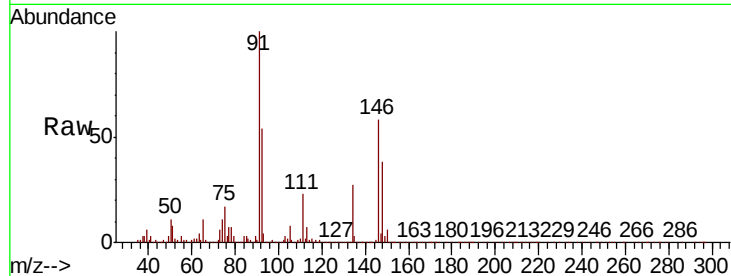




#89
n-Butylbenzene
Concen: 53.352 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

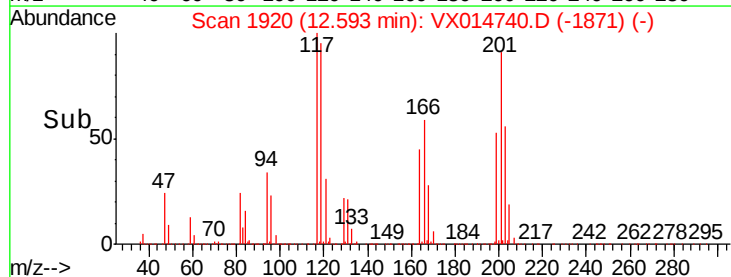
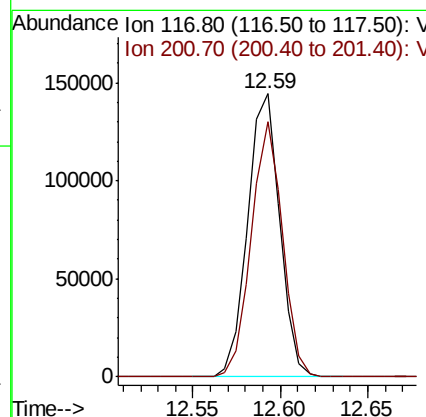
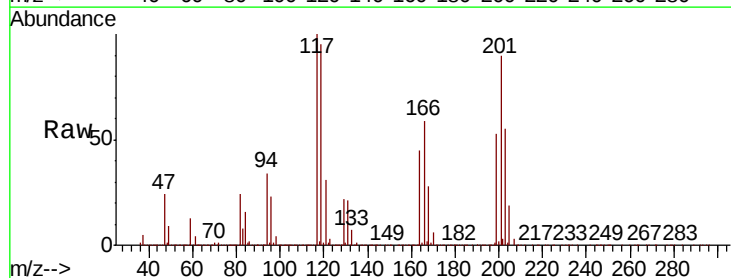
Instrument :
MSVOA_X
ClientSampled :

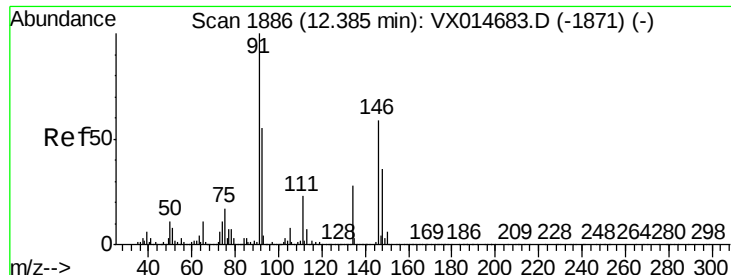
Tot Ion: 91 Resp: 928774
Ion Ratio Lower Upper
91 100
92 54.5 27.6 82.7
134 26.7 13.3 39.8



#90
Hexachloroethane
Concen: 49.649 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion: 117 Resp: 184329
Ion Ratio Lower Upper
117 100
201 87.6 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 49.598 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014740.D

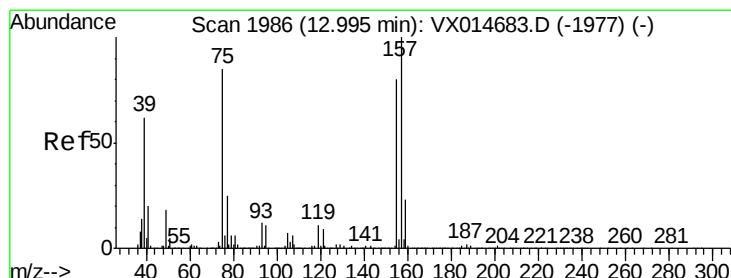
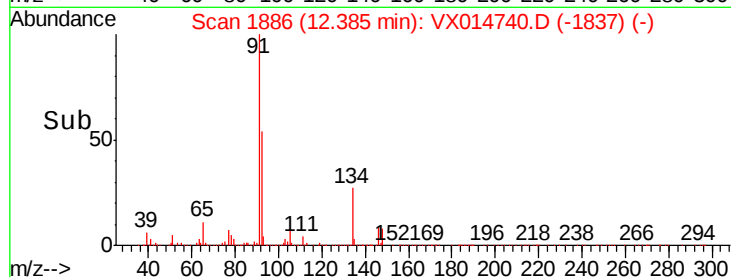
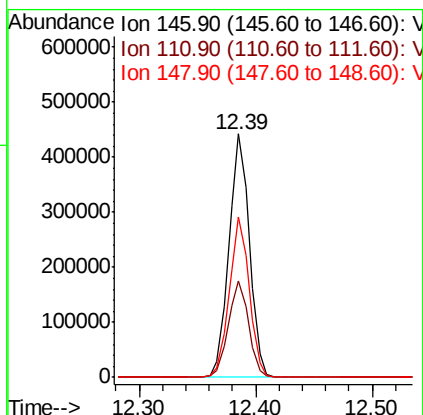
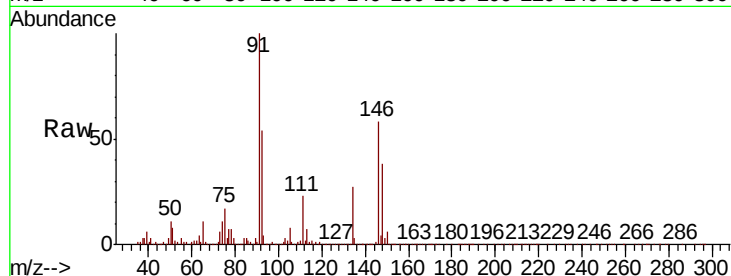
Acq: 28 Jan 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	538393
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.3	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.554 ug/l

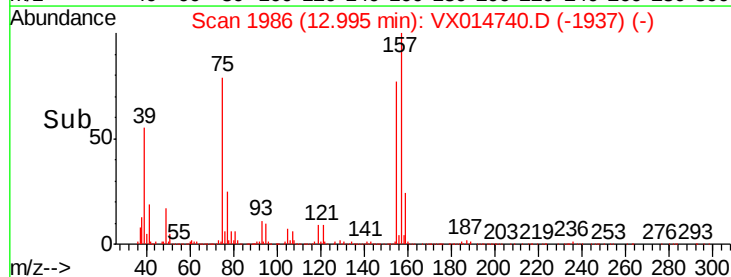
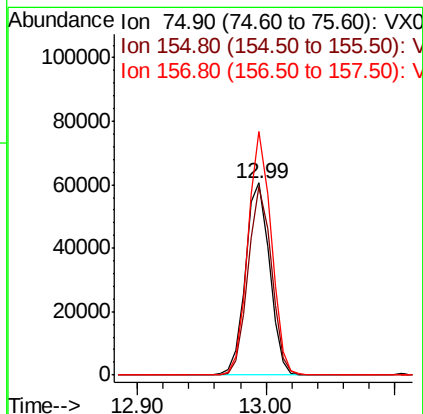
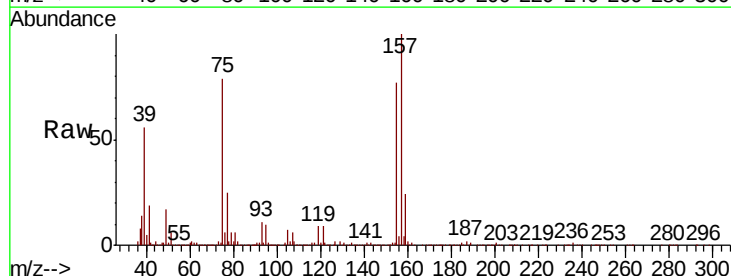
RT: 12.99 min Scan# 1986

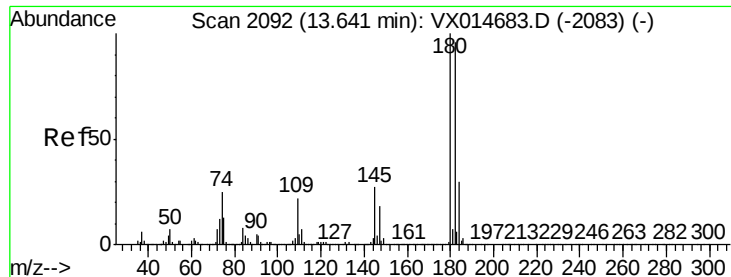
Delta R.T. 0.00 min

Lab File: VX014740.D

Acq: 28 Jan 2020 10:17

Tgt Ion:	75	Resp:	77371
Ion	Ratio	Lower	Upper
75	100		
155	95.6	45.6	136.9
157	122.2	60.3	180.9

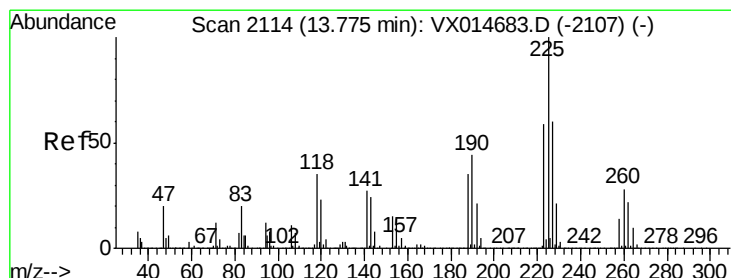
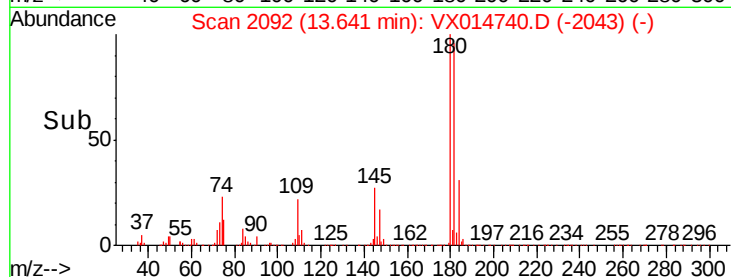
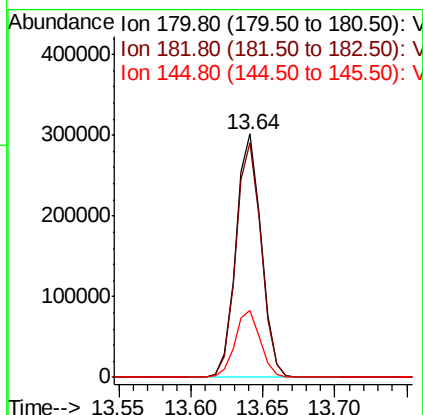
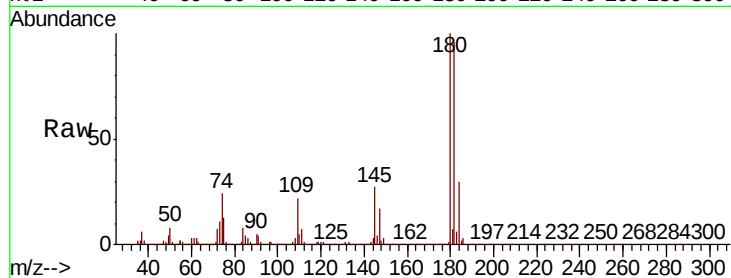




#93
 1,2,4-Trichlorobenzene
 Concen: 52.784 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

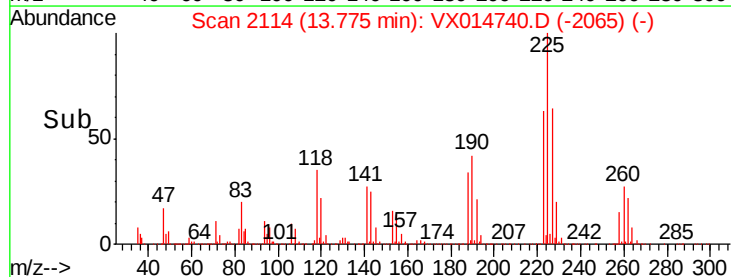
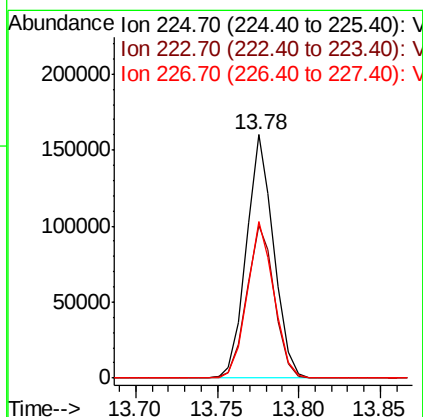
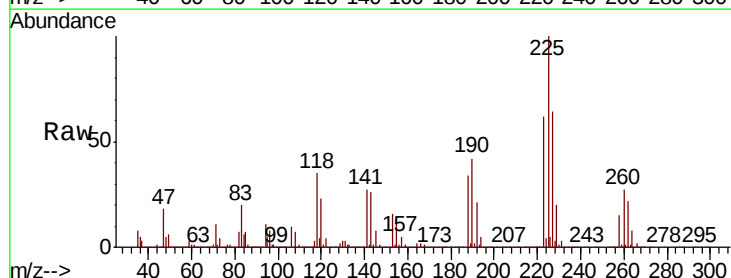
Instrument :
 MSVOA_X
 ClientSampleId :

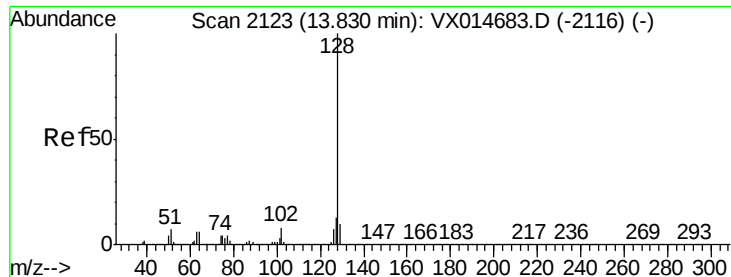
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.5	145.6
145	27.6	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 51.663 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014740.D
 Acq: 28 Jan 2020 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.6	91.8
227	63.4	31.4	94.0

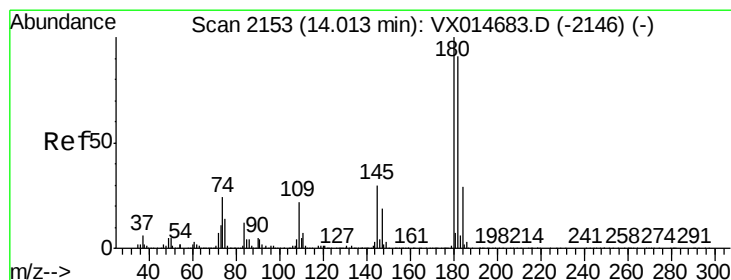
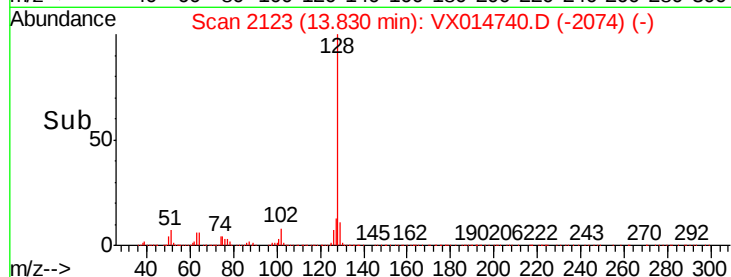
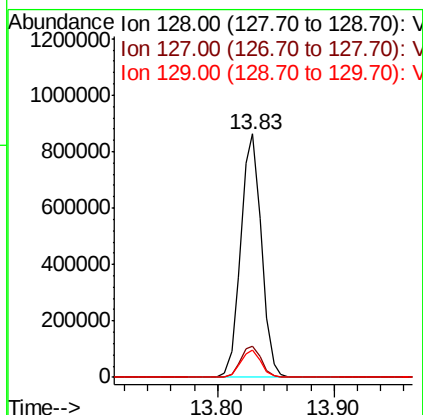
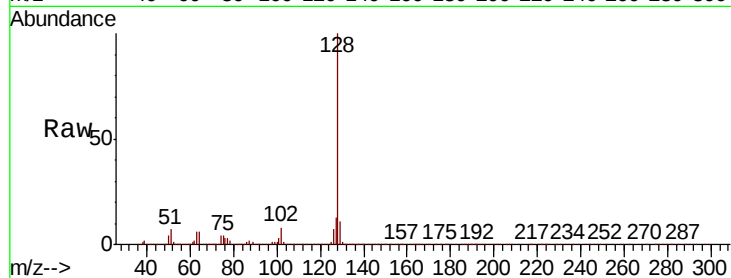




#95
Naphthalene
Concen: 47.311 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1066574
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.431 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014740.D
Acq: 28 Jan 2020 10:17

Tgt Ion:180 Resp: 371035
Ion Ratio Lower Upper
180 100
182 96.9 46.6 139.7
145 30.1 14.7 44.1

