

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014773.D
 Acq On : 30 Jan 2020 17:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 31 04:20:11 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	426715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	629784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	575425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	237565	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
35) Dibromofluoromethane	5.48	113	198547	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	754677	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.13	95	269607	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	256752	44.882	ug/l	98
3) Chloromethane	1.32	50	250254	43.351	ug/l	100
4) Vinyl Chloride	1.40	62	291254	46.663	ug/l	100
5) Bromomethane	1.63	94	182731	43.102	ug/l	97
6) Chloroethane	1.72	64	164413	45.928	ug/l	99
7) Trichlorofluoromethane	1.92	101	331663	45.635	ug/l	97
8) Diethyl Ether	2.18	74	142615	44.958	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	204003	47.816	ug/l	99
10) Methyl Iodide	2.50	142	267892	47.853	ug/l	99
11) Tert butyl alcohol	3.02	59	217612	194.515	ug/l	99
12) 1,1-Dichloroethene	2.37	96	190644	44.943	ug/l	98
13) Acrolein	2.28	56	207364	235.080	ug/l	100
14) Allyl chloride	2.72	41	351132	46.053	ug/l	98
15) Acrylonitrile	3.13	53	573689	221.629	ug/l	100
16) Acetone	2.43	43	487562	178.570	ug/l	100
17) Carbon Disulfide	2.56	76	492543	42.484	ug/l	98
18) Methyl Acetate	2.76	43	350313	44.938	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	663329	47.742	ug/l	100
20) Methylene Chloride	2.85	84	224441	44.413	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	208935	44.734	ug/l	98
22) Diisopropyl ether	3.84	45	726371	47.884	ug/l	94
23) Vinyl Acetate	3.80	43	2792163	241.462	ug/l	100
24) 1,1-Dichloroethane	3.69	63	389923	47.331	ug/l	99
25) 2-Butanone	4.65	43	787654	201.298	ug/l	98
26) 2,2-Dichloropropane	4.58	77	317232	48.109	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	241890	46.274	ug/l	100
28) Bromochloromethane	5.00	49	163010	45.029	ug/l	99
29) Tetrahydrofuran	5.11	42	511079	220.068	ug/l	100
30) Chloroform	5.20	83	382342	46.851	ug/l	98
31) Cyclohexane	5.57	56	352441	45.486	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	325046	47.121	ug/l	99
36) 1,1-Dichloropropene	5.79	75	288026	49.219	ug/l	99
37) Ethyl Acetate	4.81	43	308519	46.031	ug/l	100
38) Carbon Tetrachloride	5.78	117	279688	50.044	ug/l	97

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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	363643	49.603	ug/l	97
40) Benzene	6.13	78	876317	48.465	ug/l	99
41) Methacrylonitrile	5.03	41	172431	45.069	ug/l	97
42) 1,2-Dichloroethane	6.18	62	307822	49.300	ug/l	99
43) Isopropyl Acetate	6.43	43	514346	46.863	ug/l	100
44) Trichloroethene	7.20	130	241788	47.342	ug/l	96
45) 1,2-Dichloropropane	7.50	63	231071	49.606	ug/l	98
46) Dibromomethane	7.65	93	148927	49.364	ug/l	99
47) Bromodichloromethane	7.89	83	301240	50.910	ug/l	98
48) Methyl methacrylate	7.76	41	257638	49.129	ug/l	99
49) 1,4-Dioxane	7.73	88	88064	792.215	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1601174	231.142	ug/l	100
52) Toluene	8.78	92	548017	49.306	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	329716	51.750	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	369608	52.733	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	225169	49.481	ug/l	99
56) Ethyl methacrylate	9.17	69	353541	45.976	ug/l	100
57) 1,3-Dichloropropane	9.36	76	379362	48.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	542180	236.911	ug/l	99
59) 2-Hexanone	9.48	43	1205904	224.337	ug/l	99
60) Dibromochloromethane	9.57	129	237882	50.082	ug/l	98
61) 1,2-Dibromoethane	9.67	107	233084	48.445	ug/l	100
64) Tetrachloroethene	9.33	164	259457	45.551	ug/l	99
65) Chlorobenzene	10.13	112	593506	48.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	221231	48.750	ug/l	98
67) Ethyl Benzene	10.25	91	1061770	50.522	ug/l	99
68) m/p-Xylenes	10.35	106	817890	102.727	ug/l	98
69) o-Xylene	10.70	106	388967	50.605	ug/l	99
70) Styrene	10.71	104	671102	52.050	ug/l	100
71) Bromoform	10.85	173	186121	51.574	ug/l #	99
73) Isopropylbenzene	11.01	105	1044337	50.382	ug/l	100
74) N-amyl acetate	10.89	43	449965	49.537	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	335992	45.398	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	397803	57.999	ug/l	91
77) Bromobenzene	11.25	156	271840	48.816	ug/l	97
78) n-propylbenzene	11.35	91	1212875	51.549	ug/l	100
79) 2-Chlorotoluene	11.42	91	694241	48.765	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	879068	51.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115063	47.742	ug/l	100
82) 4-Chlorotoluene	11.51	91	811430	50.065	ug/l	99
83) tert-Butylbenzene	11.76	119	831744	51.450	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	885450	51.312	ug/l	99
85) sec-Butylbenzene	11.94	105	1028353	51.925	ug/l	100
86) p-Isopropyltoluene	12.06	119	941126	51.421	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	482862	48.249	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	482326	48.113	ug/l	100
89) n-Butylbenzene	12.38	91	833281	52.275	ug/l	99
90) Hexachloroethane	12.59	117	167822	49.366	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	483426	48.636	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70637	44.423	ug/l	97

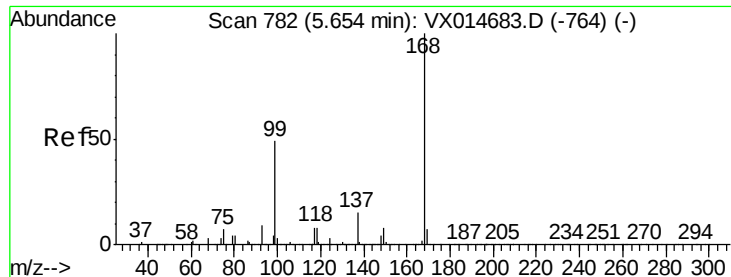
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013020\
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ClientSampleId :

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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	330382	51.555	ug/l	98
94) Hexachlorobutadiene	13.77	225	169977	51.535	ug/l	97
95) Naphthalene	13.83	128	952130	46.148	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	329163	50.798	ug/l	98

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

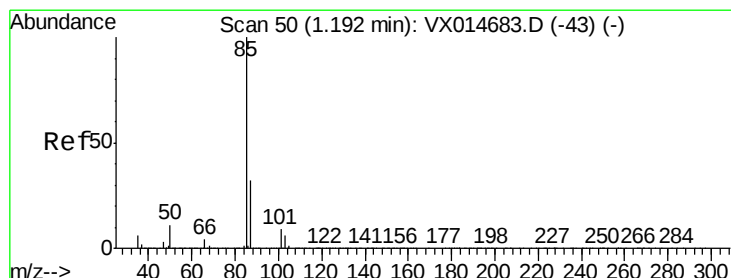
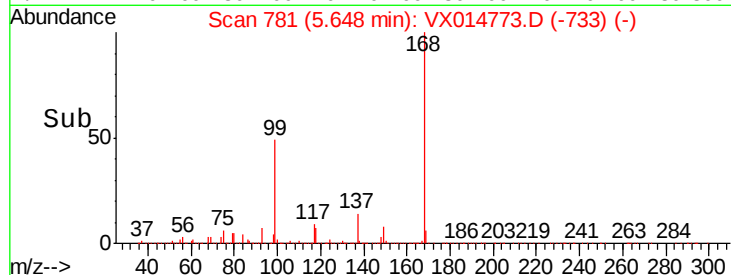
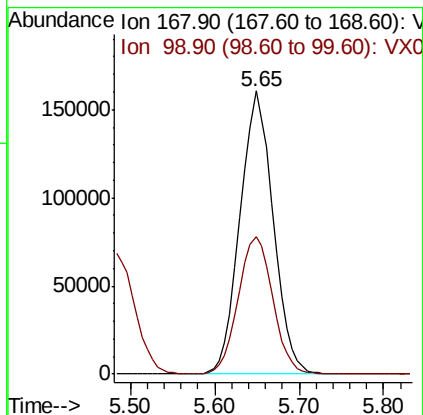
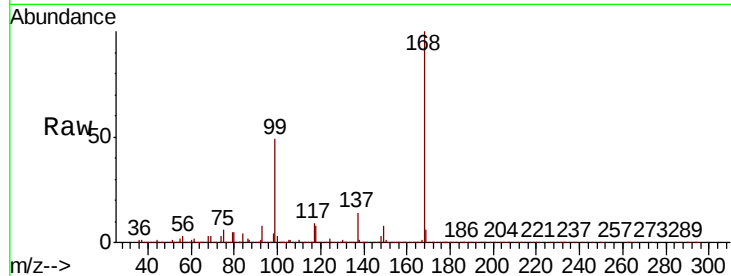


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :

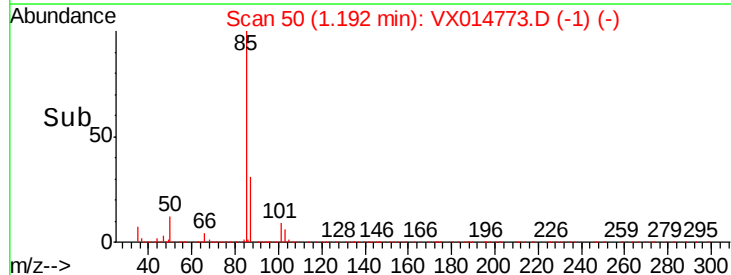
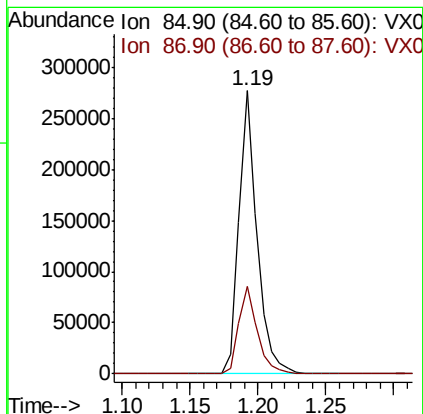
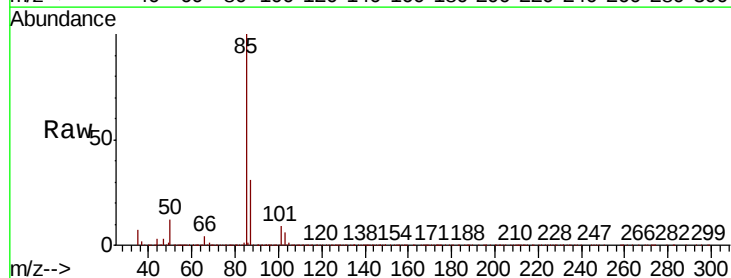
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Ion Ratio Lower Upper
168 100
99 48.4 39.8 59.6

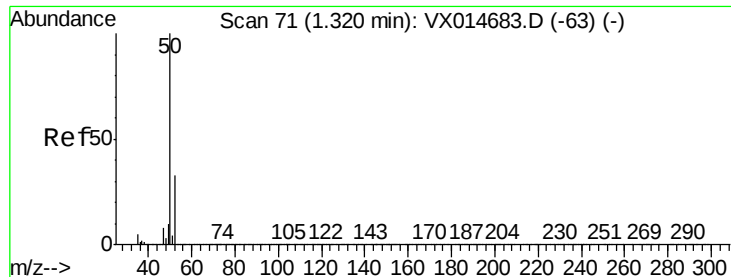


#2

Dichlorodifluoromethane
Concen: 44.882 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 85 Resp: 256752
Ion Ratio Lower Upper
85 100
87 31.0 16.2 48.5

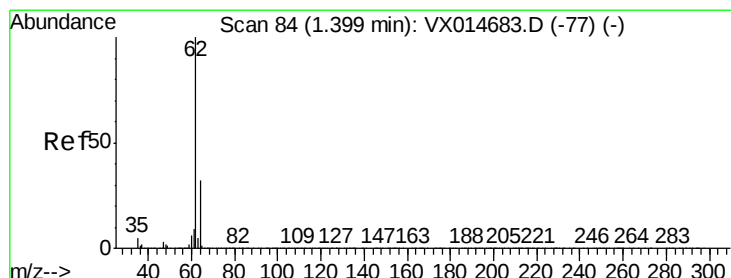
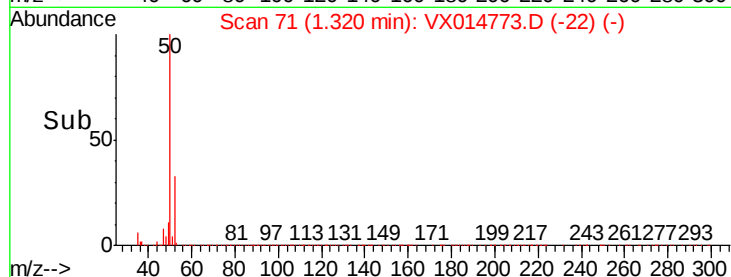
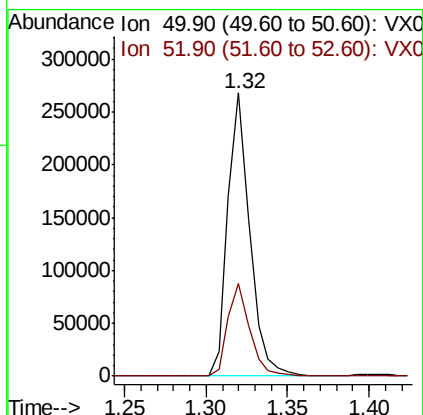
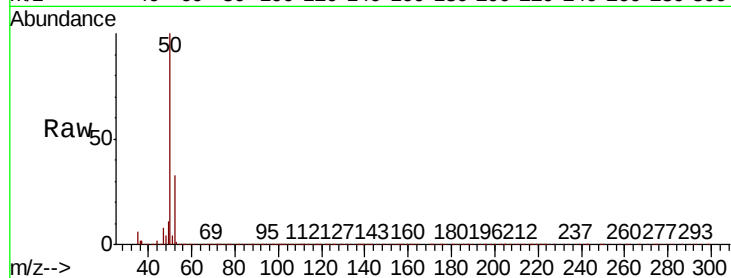




#3
Chloromethane
Concen: 43.351 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

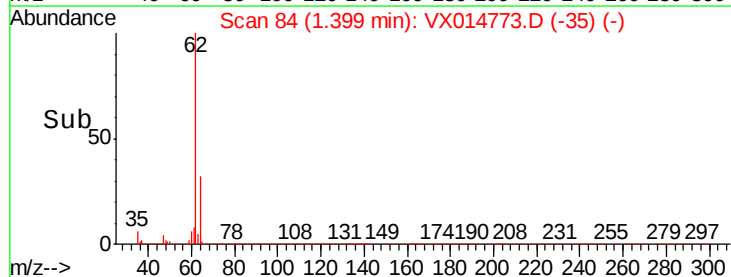
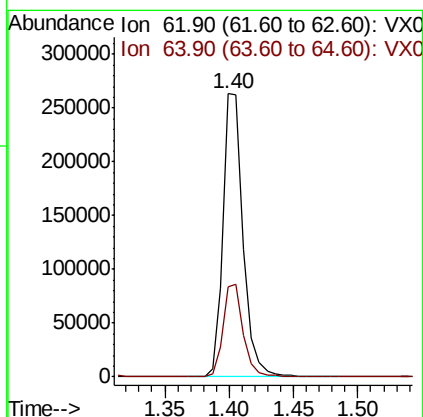
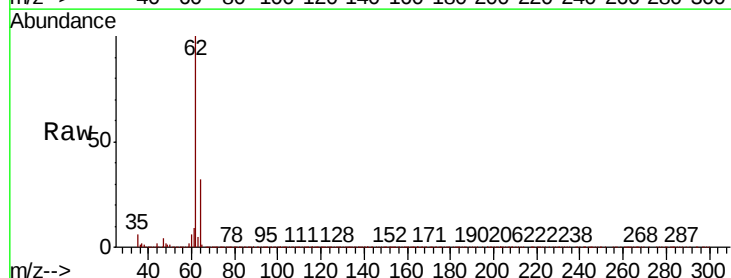
Instrument :
MSVOA_X
ClientSampleId :

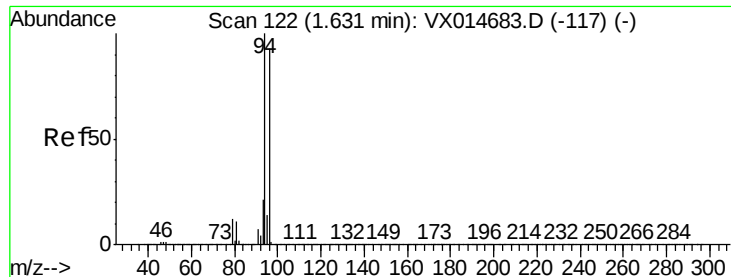
Tot Ion: 50 Resp: 250254
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 46.663 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 62 Resp: 291254
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5

Bromomethane

Concen: 43.102 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

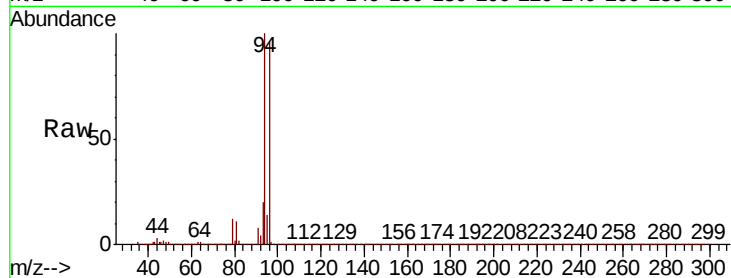
ClientSampleId :

Tot Ion: 94 Resp: 182731

Ion Ratio Lower Upper

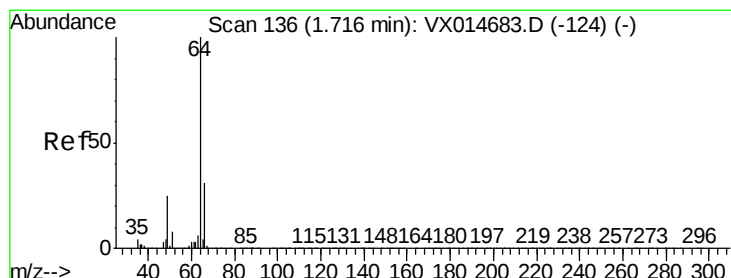
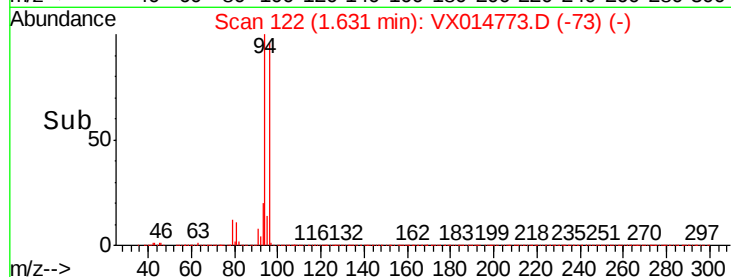
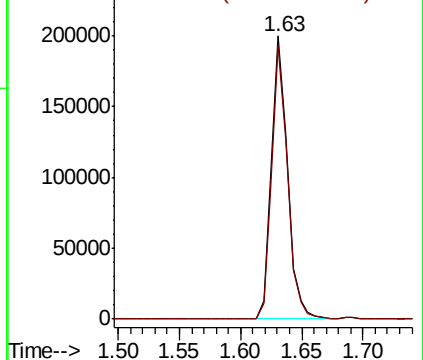
94 100

96 96.3 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.928 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014773.D

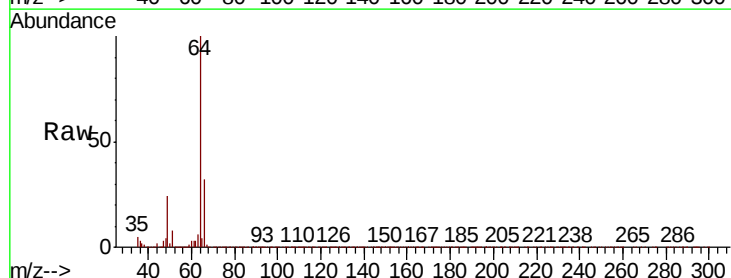
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Tgt Ion: 64 Resp: 164413

Ion Ratio Lower Upper

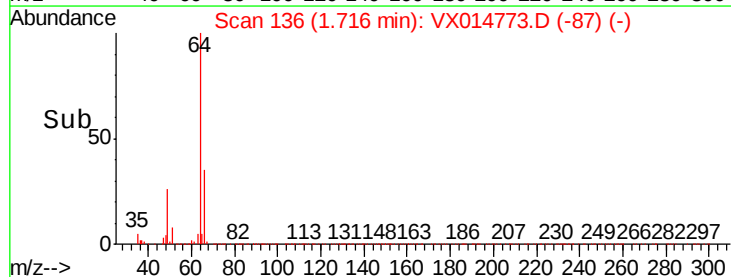
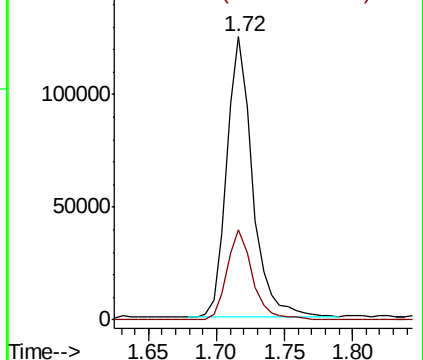
64 100

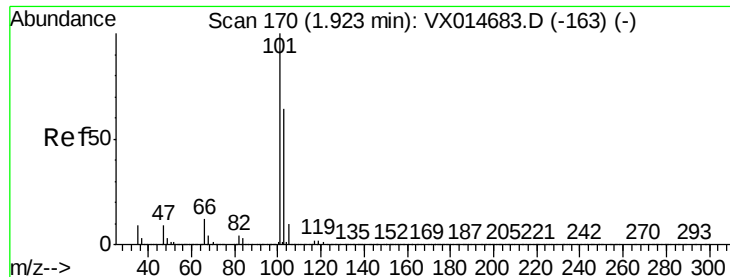
66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



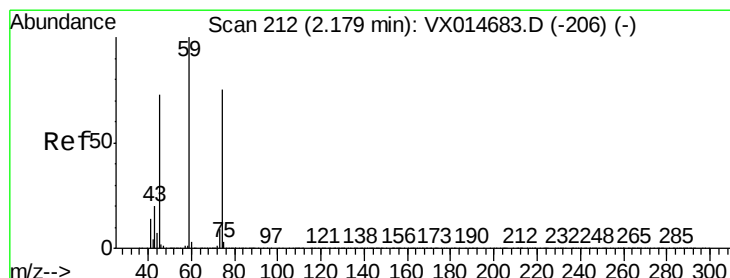
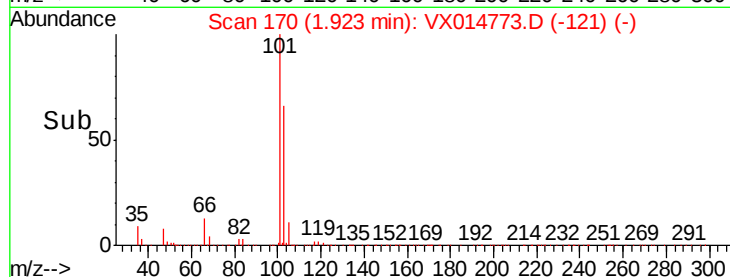
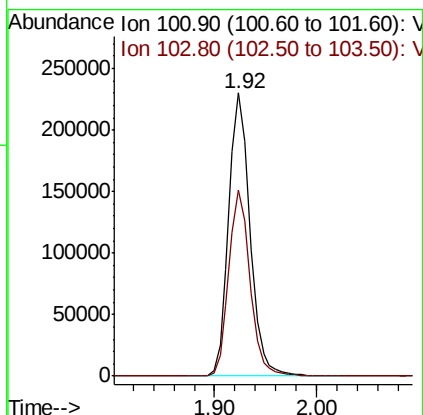
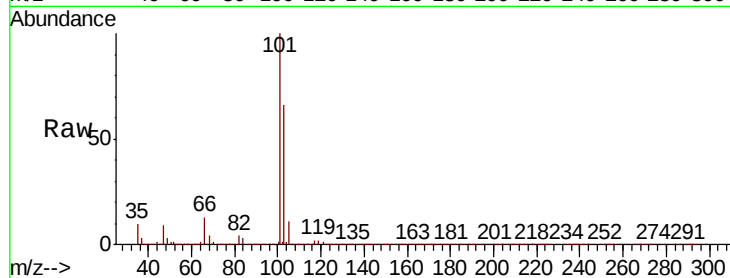


#7

Trichlorofluoromethane
Concen: 45.635 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :

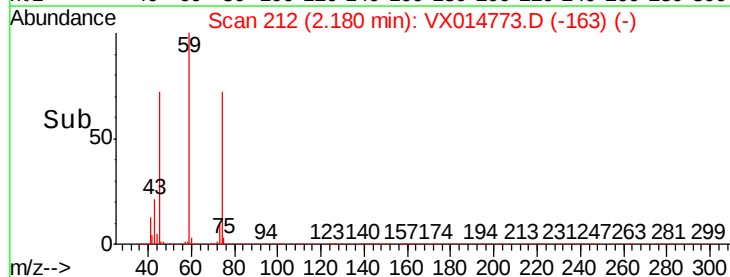
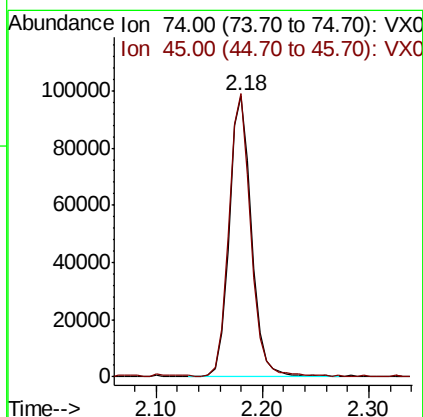
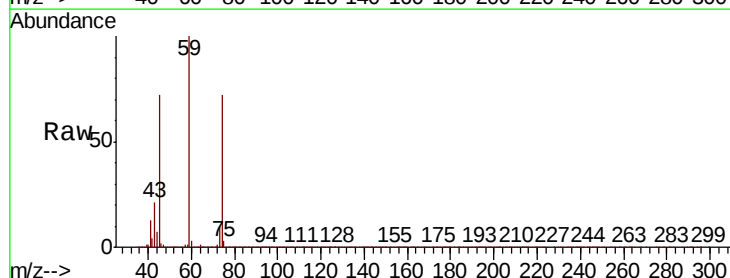
Tot Ion:101 Resp: 331663
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.6

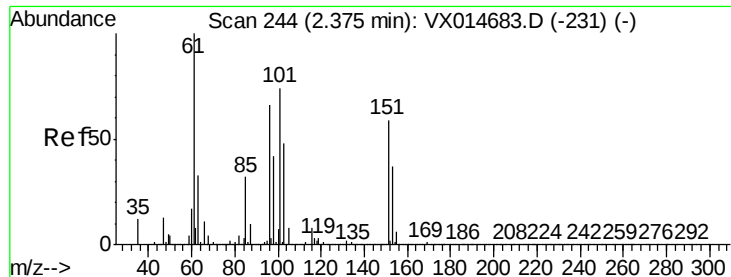


#8

Diethyl Ether
Concen: 44.958 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 74 Resp: 142615
Ion Ratio Lower Upper
74 100
45 99.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.816 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampled :

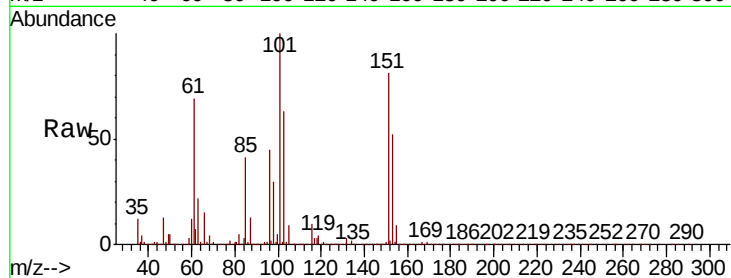
Tot Ion:101 Resp: 204003

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

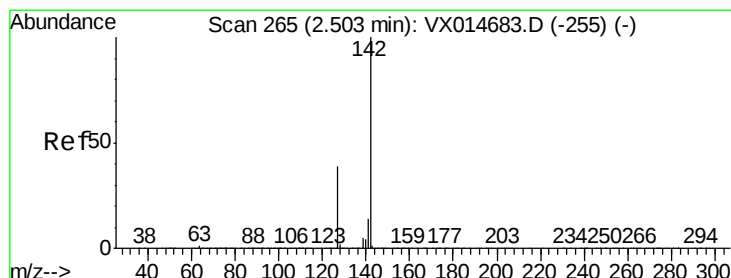
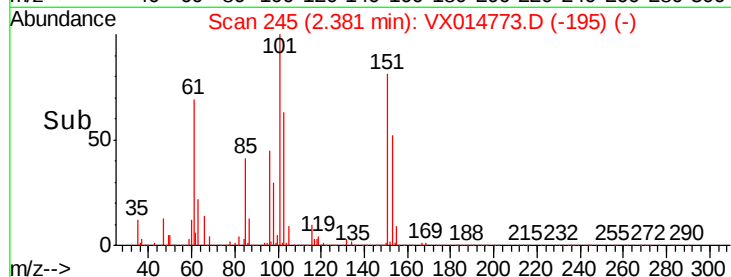
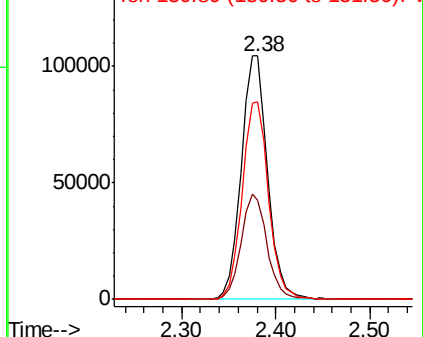
151 81.5 64.7 97.1



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: 47.853 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

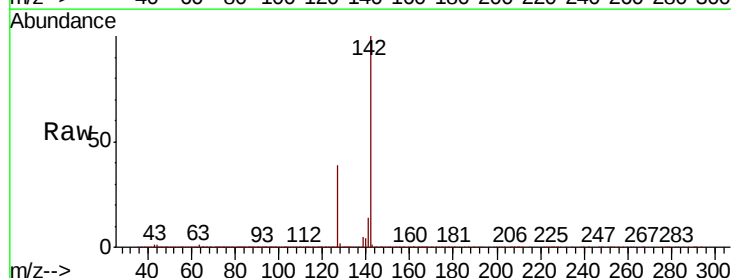
Tgt Ion:142 Resp: 267892

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

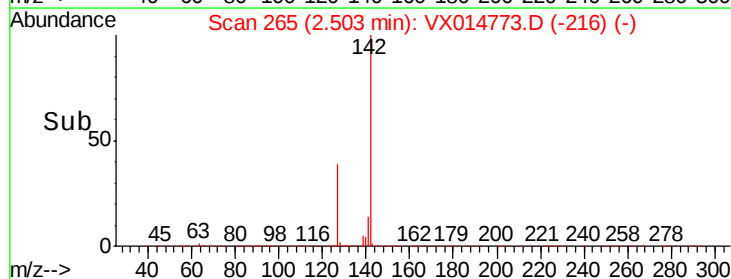
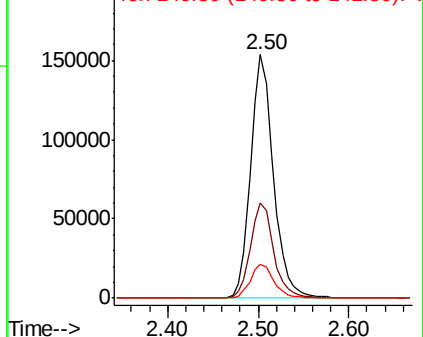
141 14.5 11.3 16.9

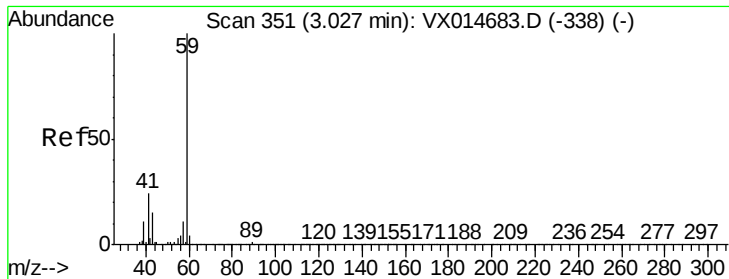


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

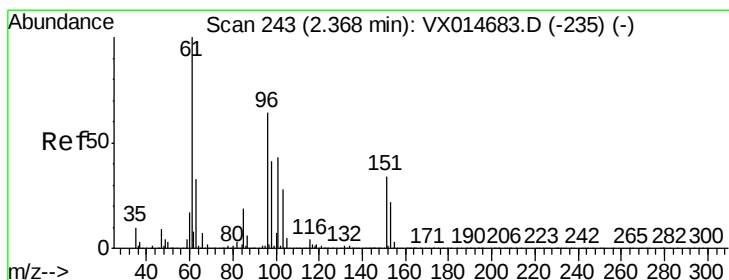
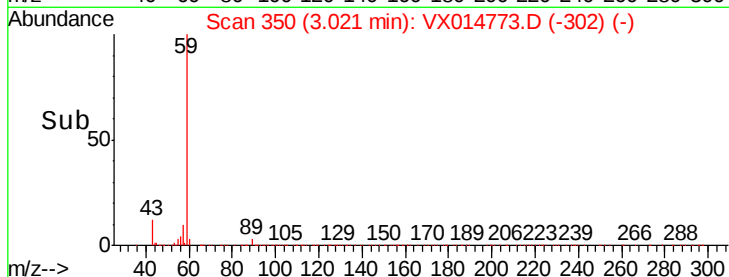
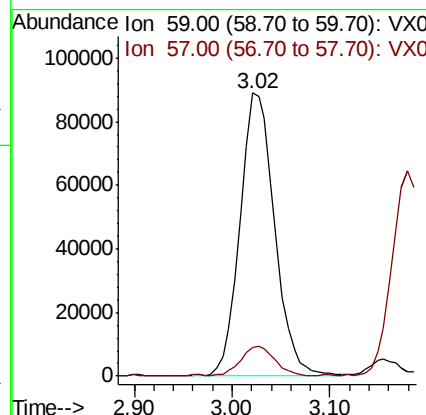
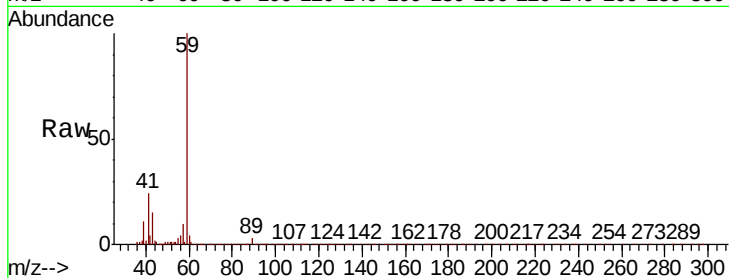




#11
Tert butyl alcohol
Concen: 194.515 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

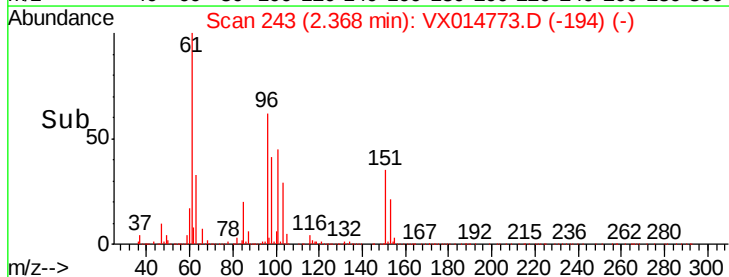
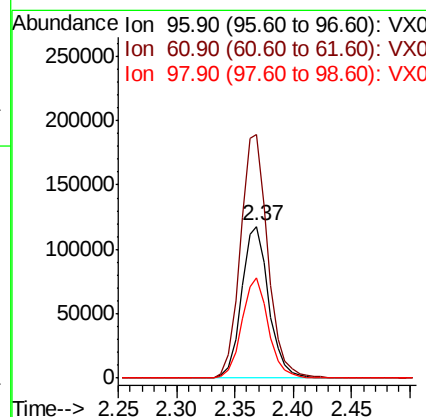
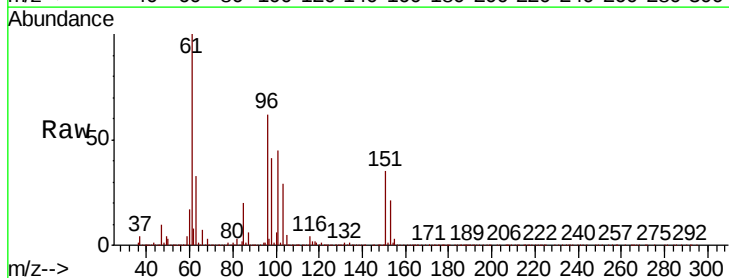
Instrument :
MSVOA_X
ClientSampleId :

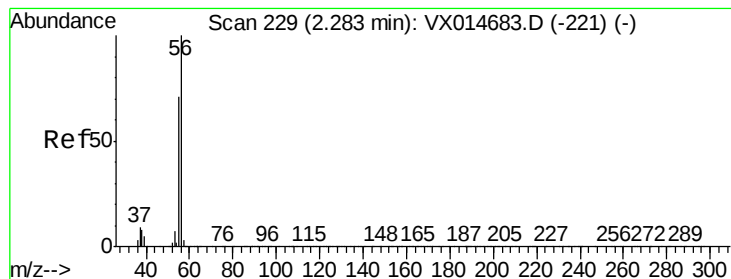
Tot Ion: 59 Resp: 217612
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.943 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 96 Resp: 190644
Ion Ratio Lower Upper
96 100
61 160.6 125.8 188.8
98 65.9 51.5 77.3





#13

Acrolein

Concen: 235.080 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

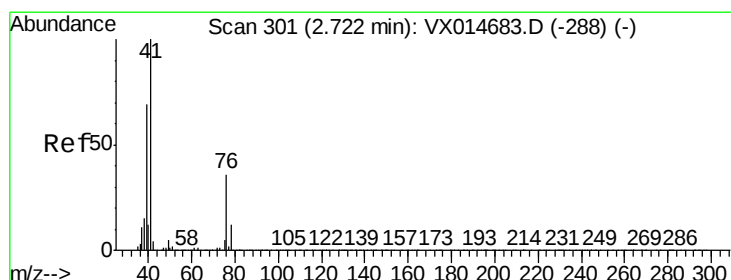
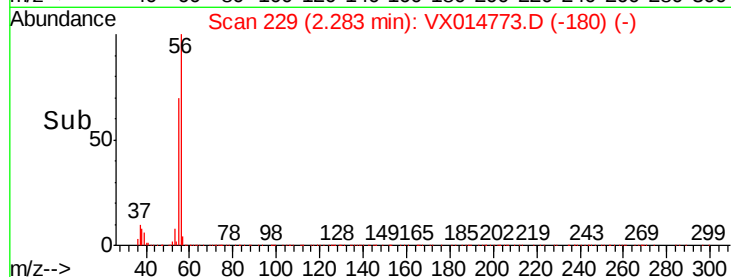
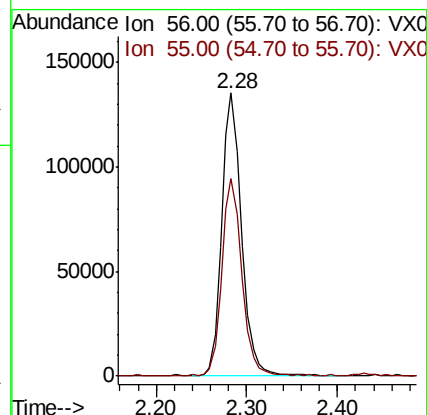
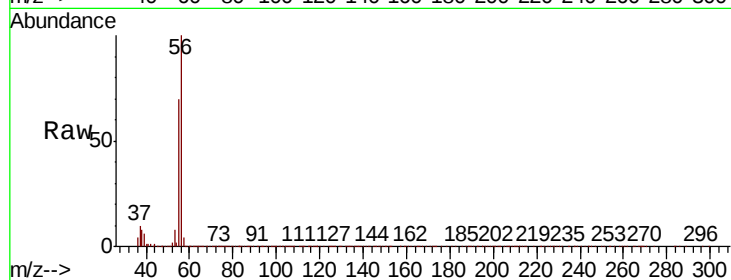
ClientSampleId :

Tot Ion: 56 Resp: 207364

Ion Ratio Lower Upper

56 100

55 70.4 56.6 84.8



#14

Allyl chloride

Concen: 46.053 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

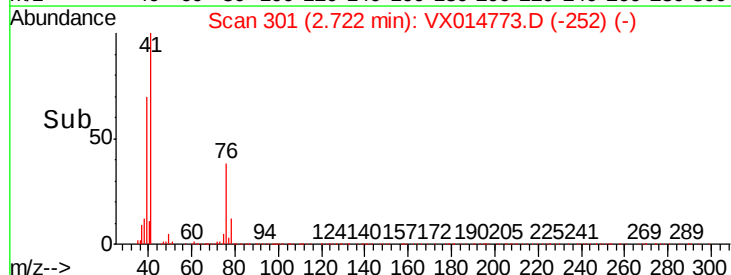
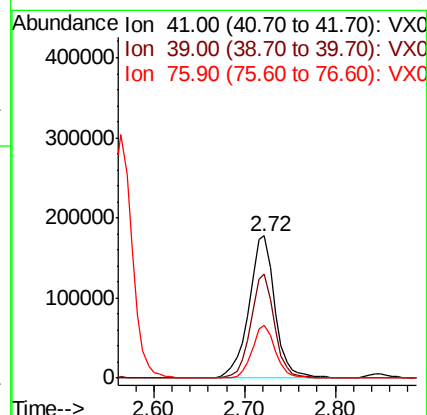
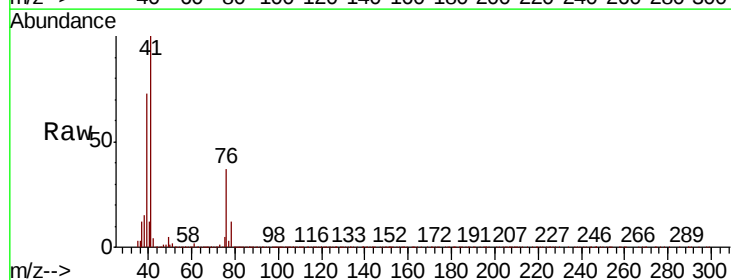
Tgt Ion: 41 Resp: 351132

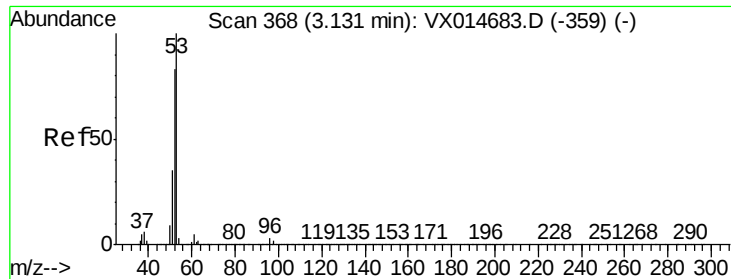
Ion Ratio Lower Upper

41 100

39 66.6 52.0 78.0

76 33.0 26.0 39.0

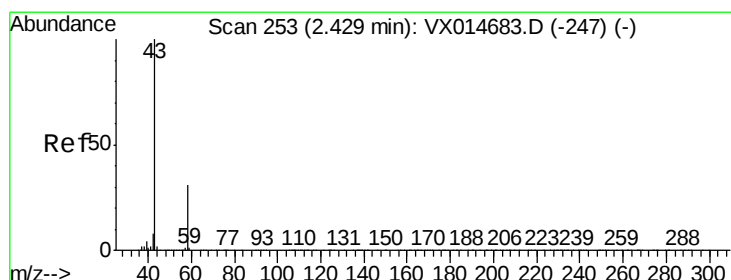
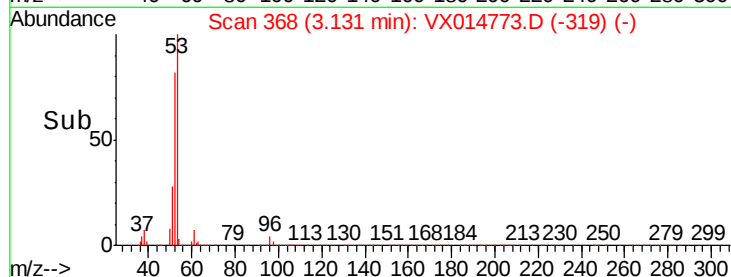
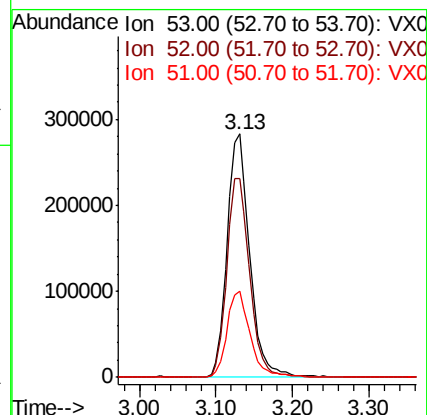
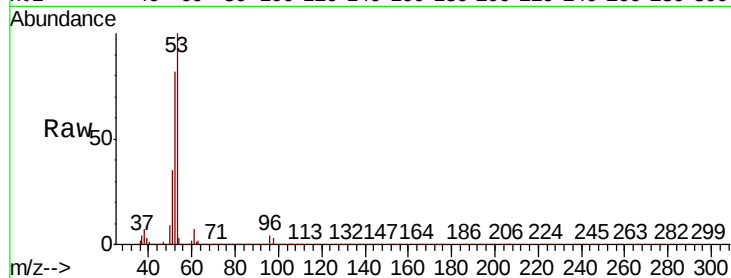




#15
 Acrylonitrile
 Concen: 221.629 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

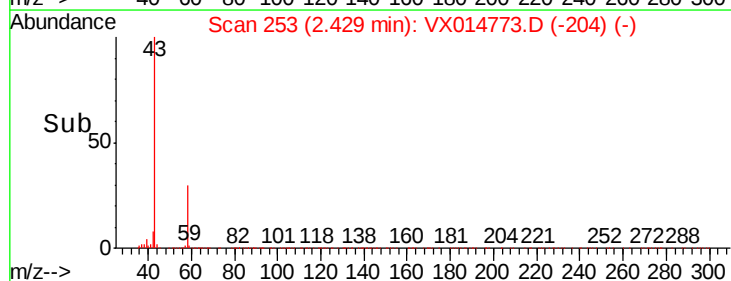
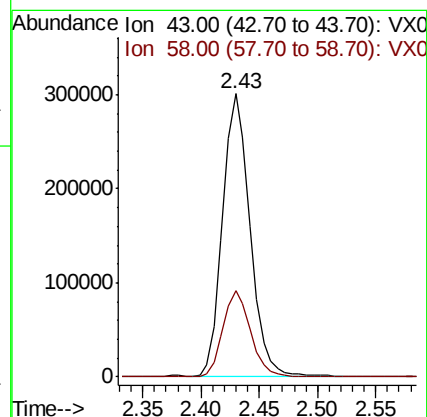
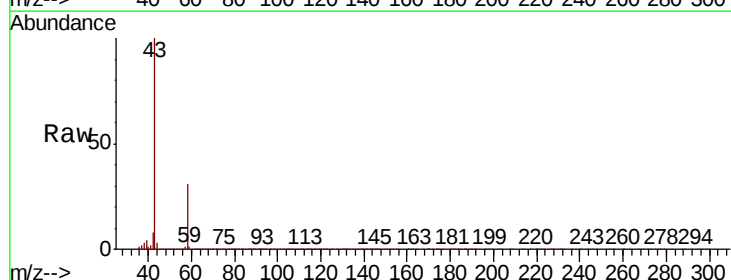
Instrument :
 MSVOA_X
 ClientSampleId :

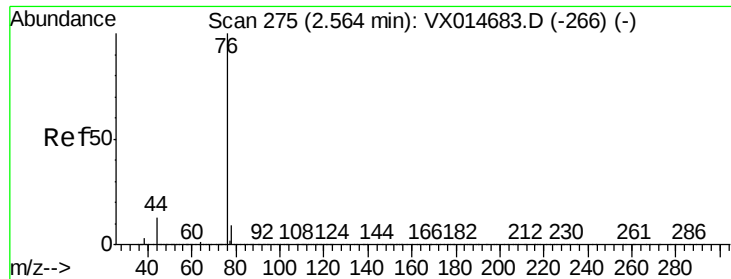
Tot Ion:	53	Resp:	573689
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.4	99.6
51	36.3	28.7	43.1



#16
 Acetone
 Concen: 178.570 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion:	43	Resp:	487562
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.5	36.7





#17

Carbon Disulfide

Concen: 42.484 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

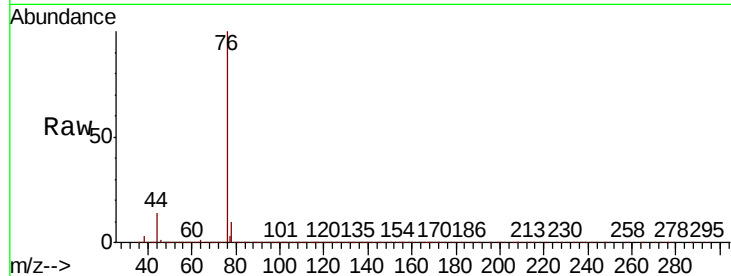
ClientSampleId :

Tot Ion: 76 Resp: 492543

Ion Ratio Lower Upper

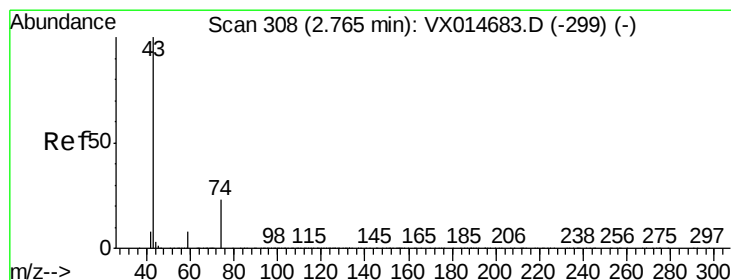
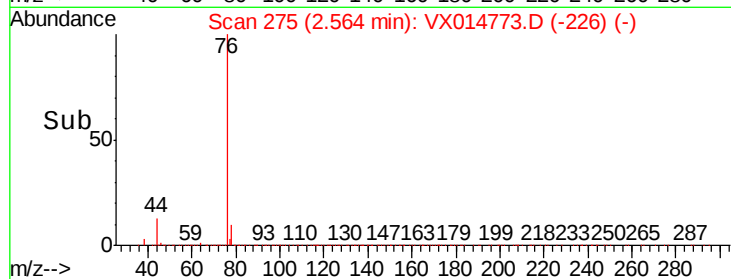
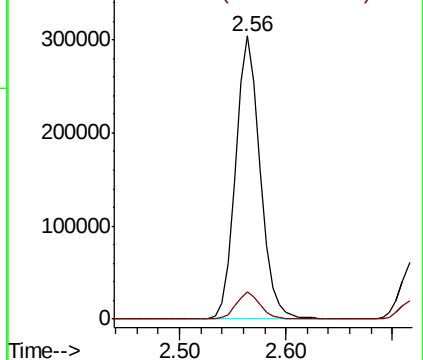
76 100

78 9.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.938 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014773.D

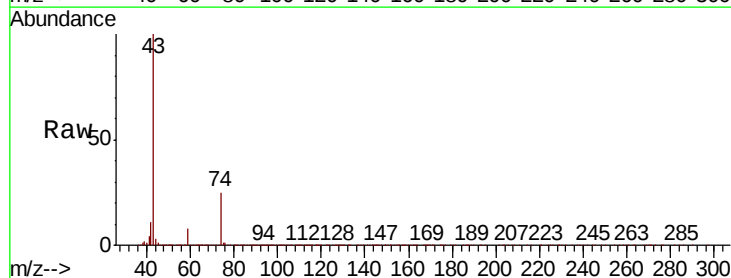
Acq: 30 Jan 2020 17:47

Tgt Ion: 43 Resp: 350313

Ion Ratio Lower Upper

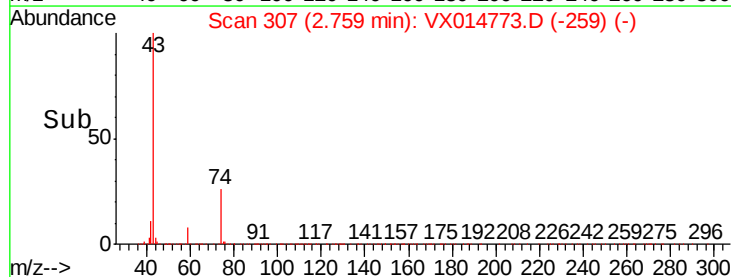
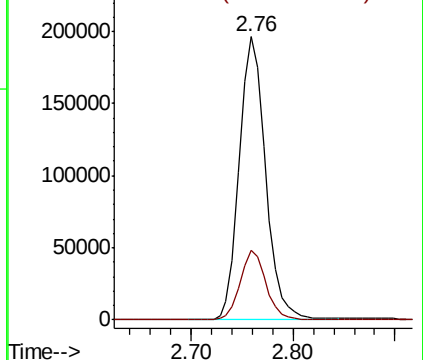
43 100

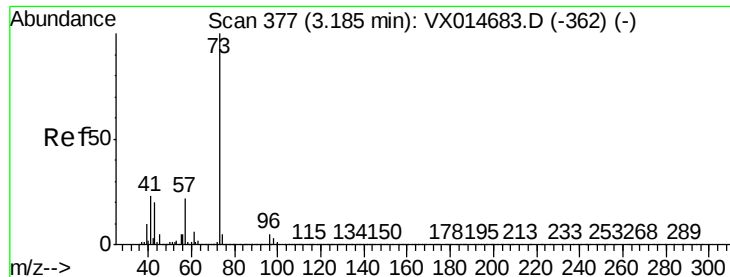
74 24.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



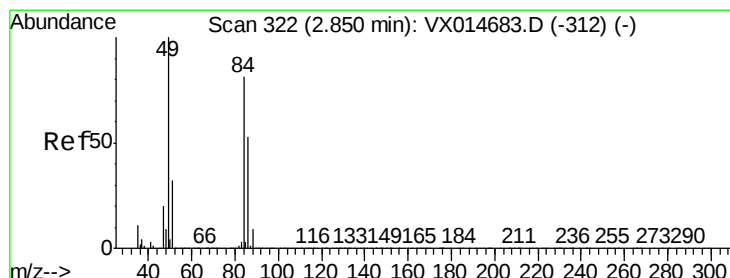
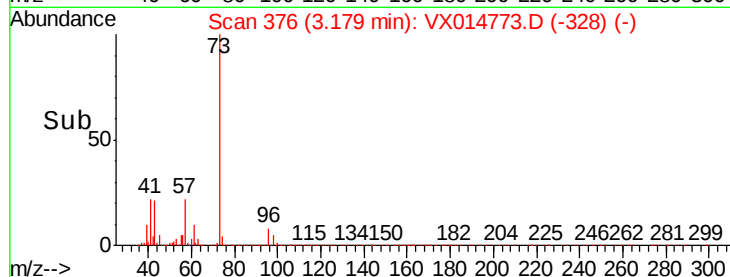
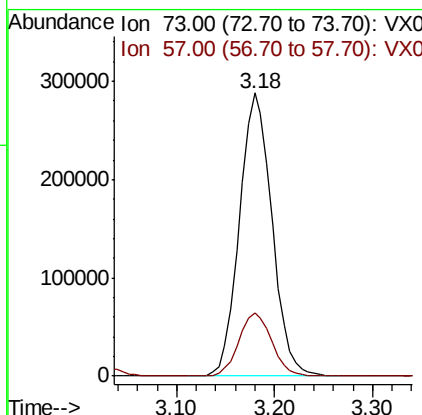
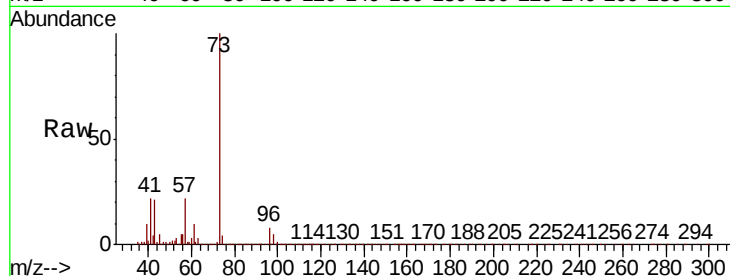


#19

Methyl tert-butyl Ether
 Concen: 47.742 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :

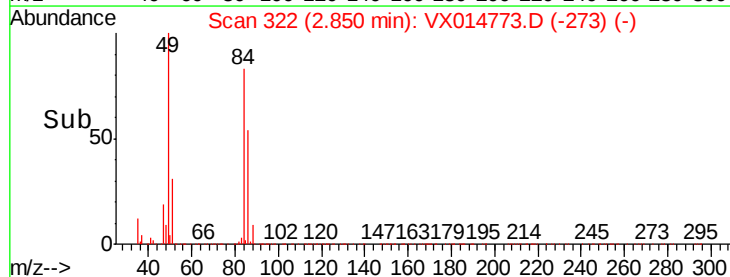
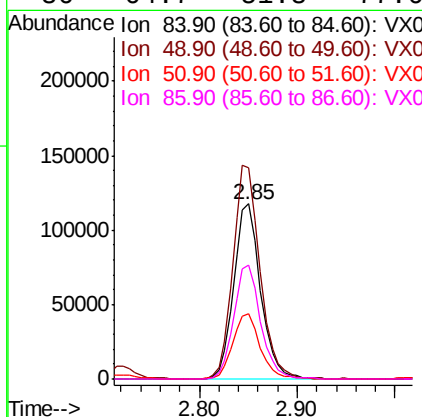
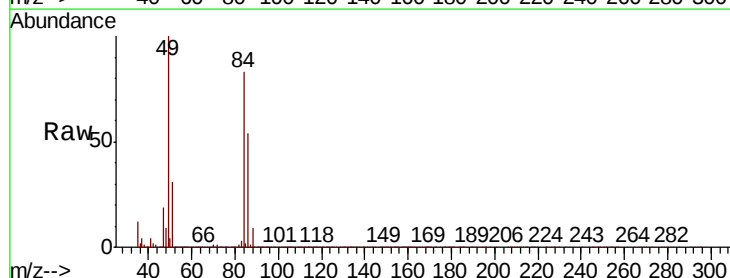
Tot Ion: 73 Resp: 663329
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.0 27.0

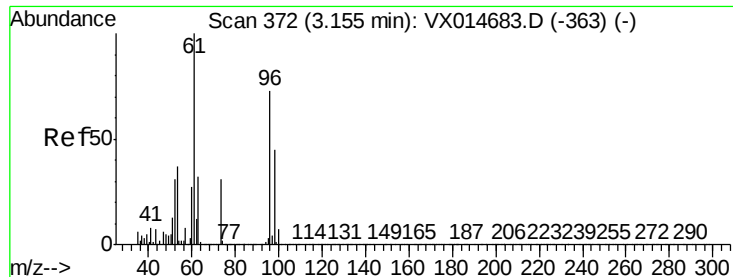


#20

Methylene Chloride
 Concen: 44.413 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion: 84 Resp: 224441
 Ion Ratio Lower Upper
 84 100
 49 120.6 98.2 147.4
 51 37.1 31.3 46.9
 86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 44.734 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :

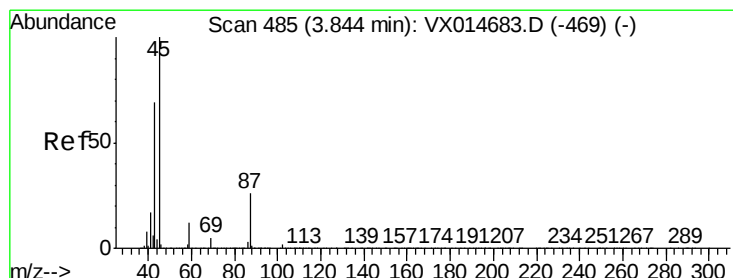
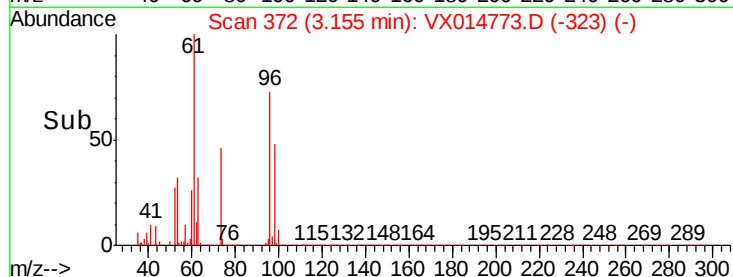
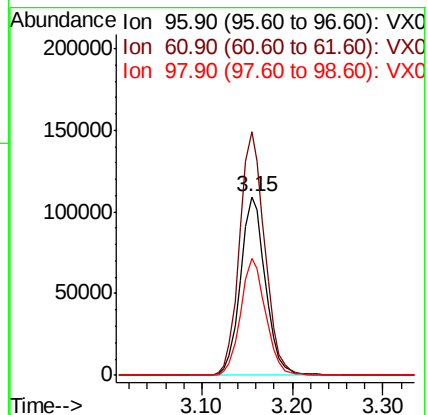
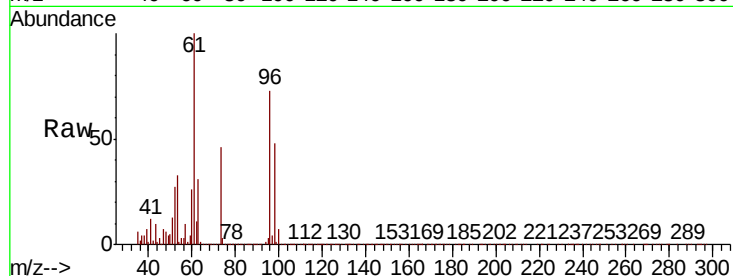
Tot Ion: 96 Resp: 208935

Ion Ratio Lower Upper

96 100

61 136.3 109.8 164.6

98 65.2 49.6 74.4



#22

Diisopropyl ether

Concen: 47.884 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion: 45 Resp: 726371

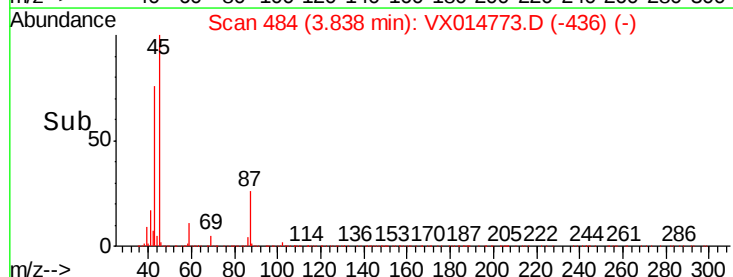
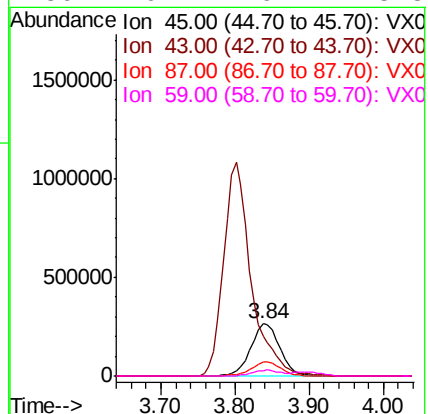
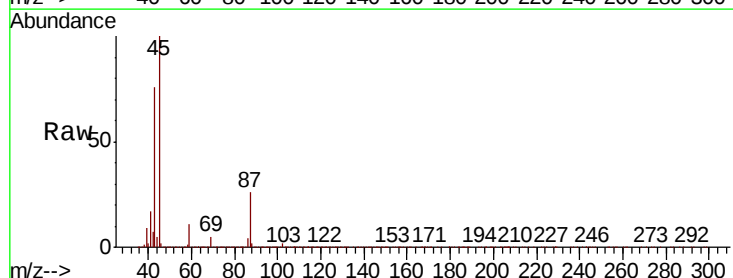
Ion Ratio Lower Upper

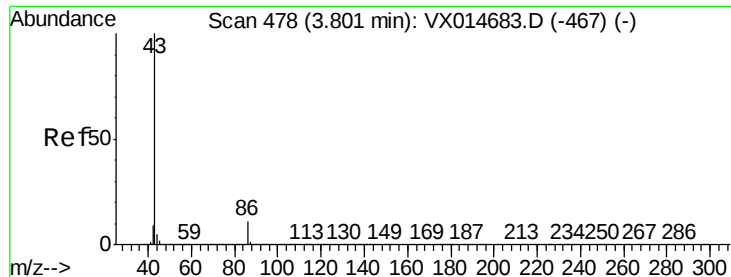
45 100

43 76.3 55.1 82.7

87 26.2 20.7 31.1

59 10.7 9.2 13.8





#23

Vinyl Acetate

Concen: 241.462 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

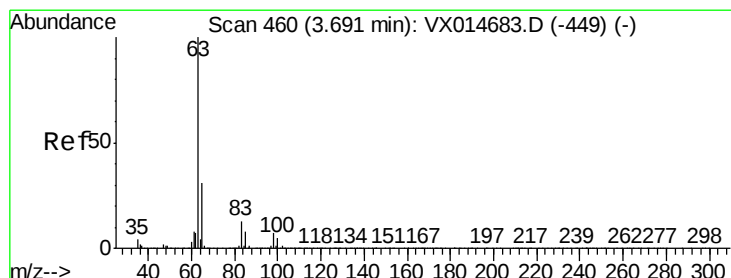
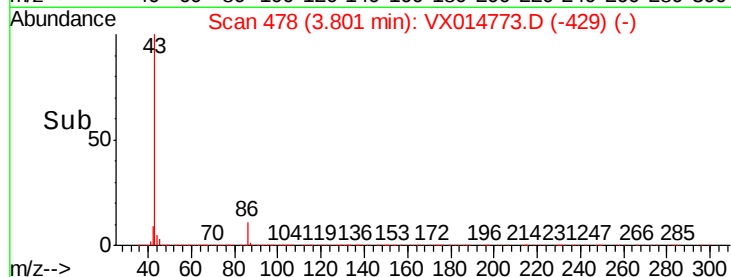
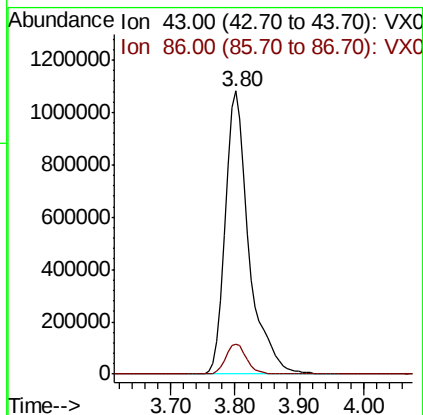
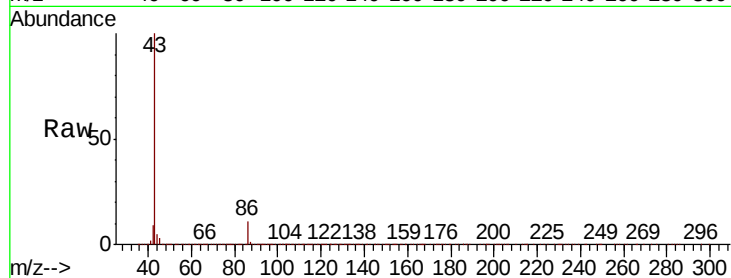
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 2792163

Ion Ratio Lower Upper

43 100

86 10.5 8.4 12.6



#24

1,1-Dichloroethane

Concen: 47.331 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

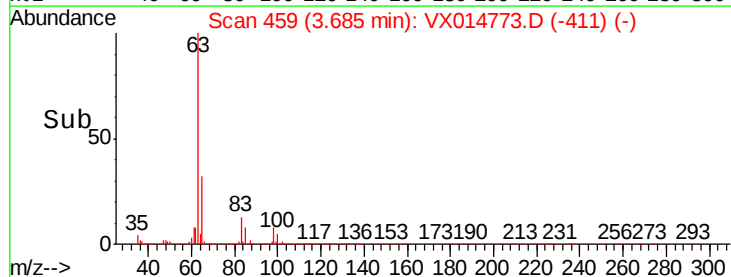
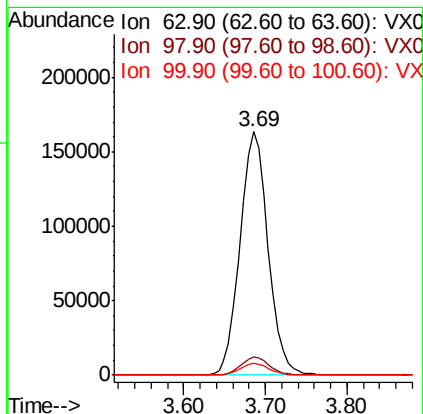
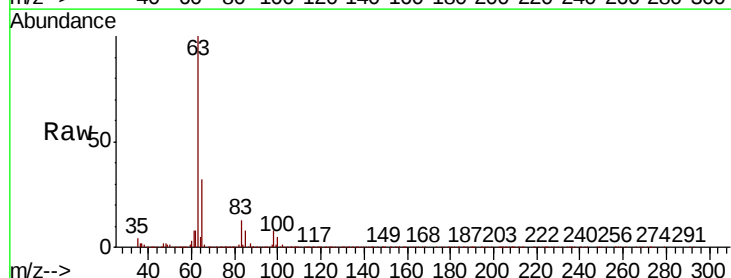
Tgt Ion: 63 Resp: 389923

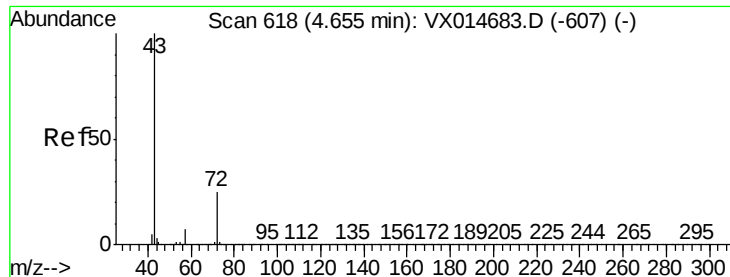
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.8 2.2 6.6

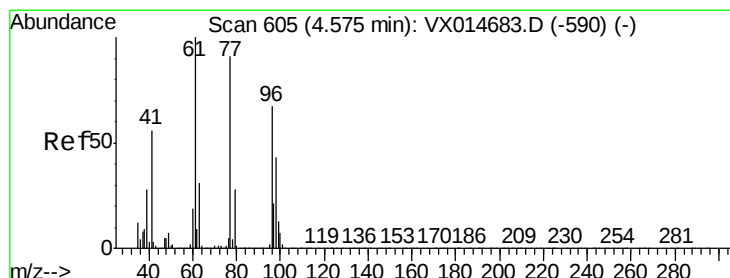
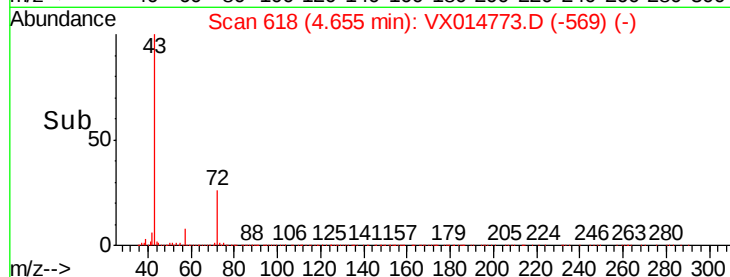
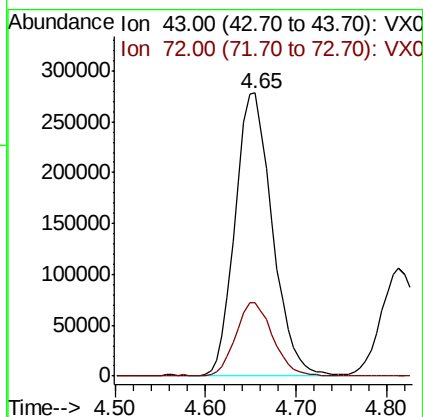
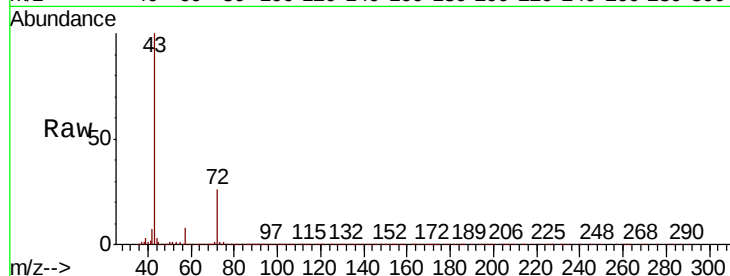




#25
2-Butanone
Concen: 201.298 ug/l
RT: 4.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

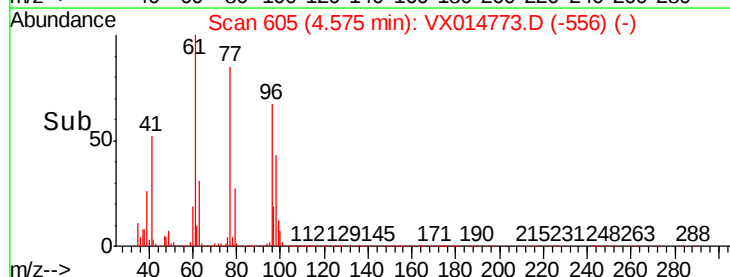
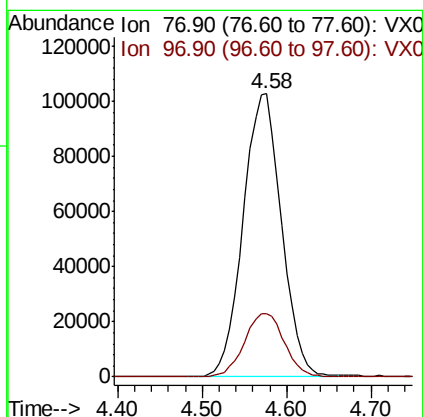
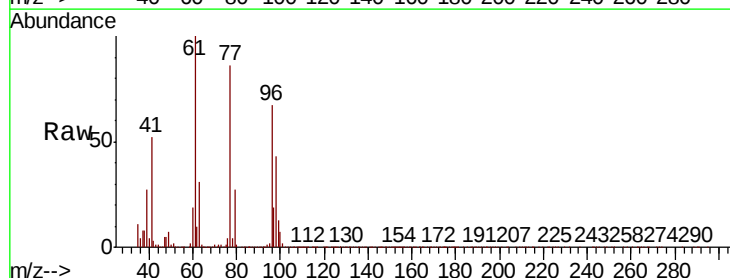
Instrument :
MSVOA_X
ClientSampleId :

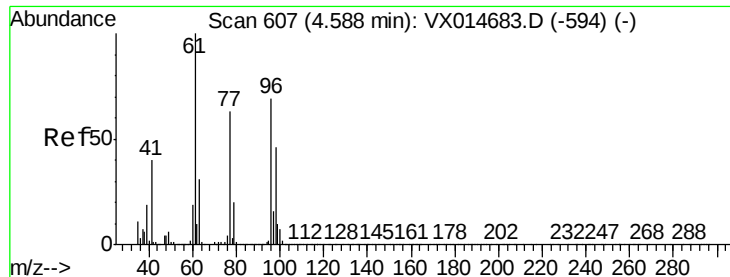
Tot Ion: 43 Resp: 787654
Ion Ratio Lower Upper
43 100
72 25.7 19.9 29.9



#26
2,2-Dichloropropane
Concen: 48.109 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 77 Resp: 317232
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3



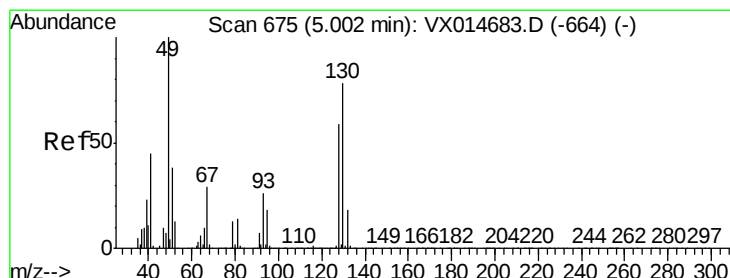
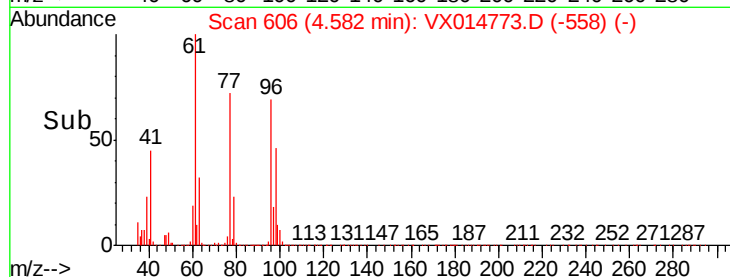
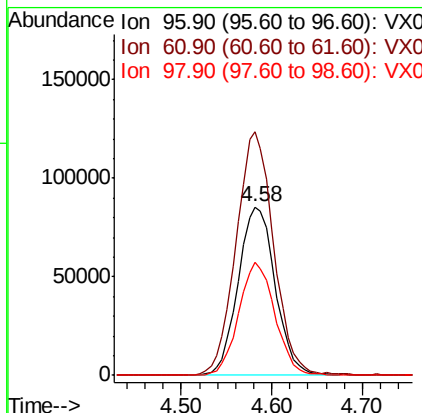
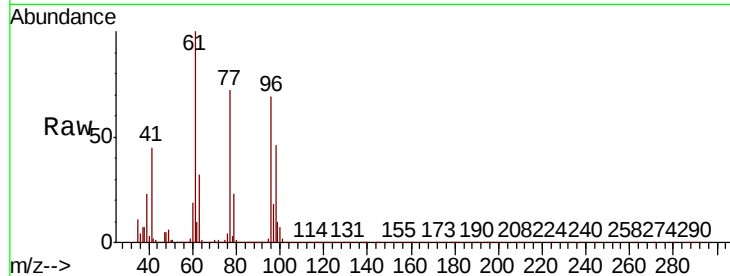


#27

cis-1,2-Dichloroethene
Concen: 46.274 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :

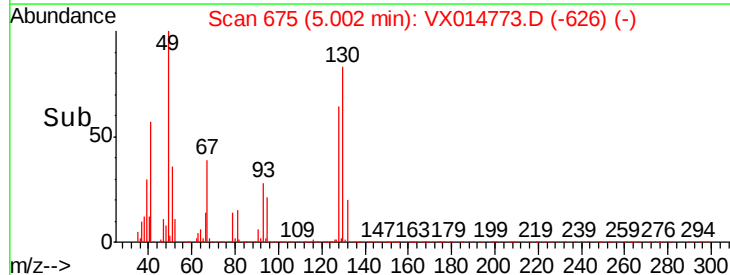
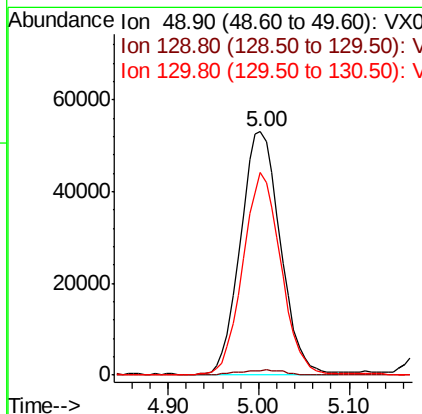
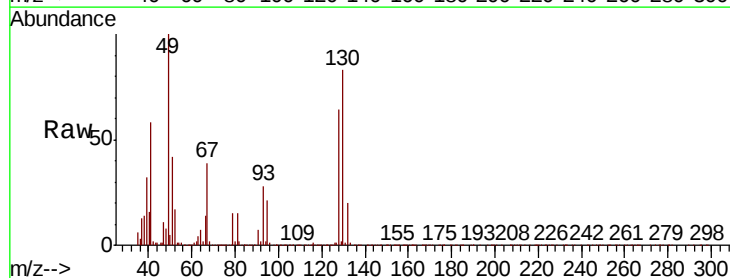
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	291.0
98	65.0	0.0	129.8

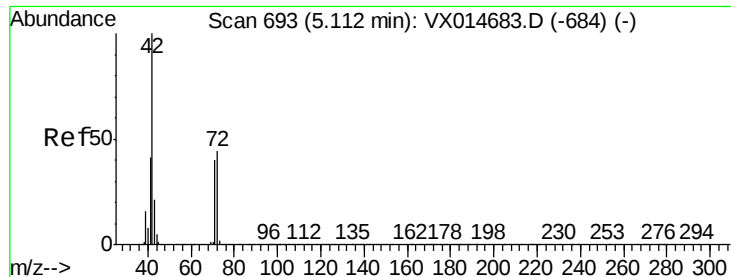


#28

Bromochloromethane
Concen: 45.029 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	78.7	62.4	93.6





#29

Tetrahydrofuran

Concen: 220.068 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

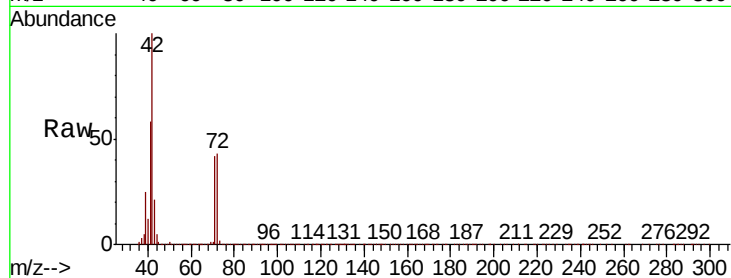
Tot Ion: 42 Resp: 511079

Ion Ratio Lower Upper

42 100

72 44.5 35.3 52.9

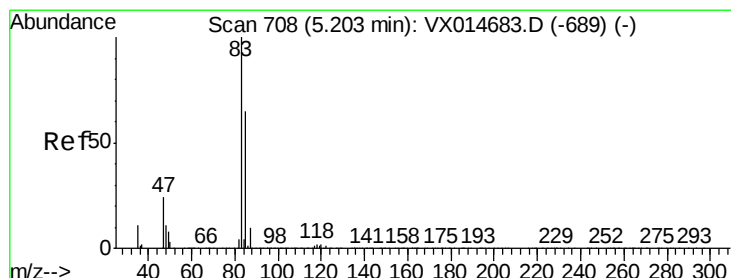
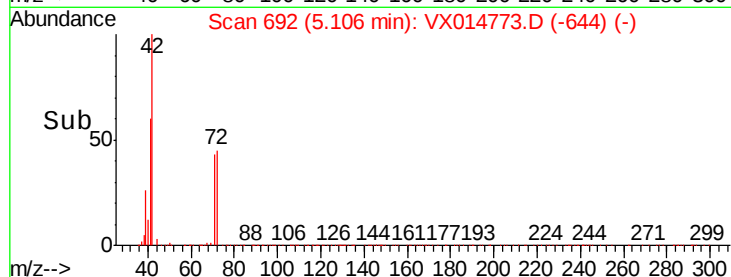
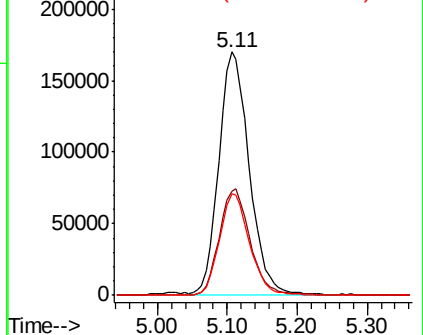
71 41.4 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.851 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014773.D

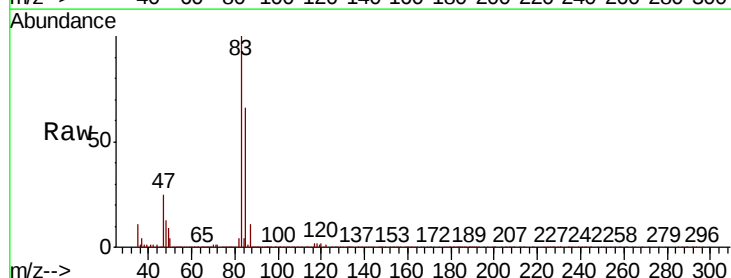
Acq: 30 Jan 2020 17:47

Tgt Ion: 83 Resp: 382342

Ion Ratio Lower Upper

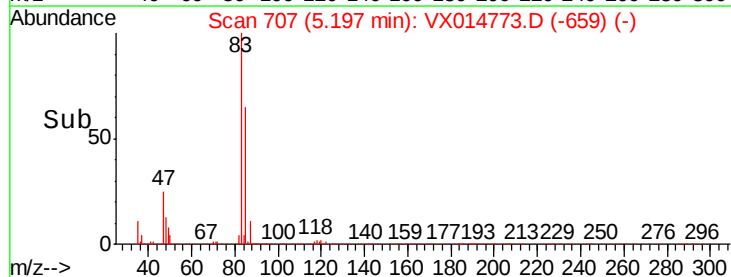
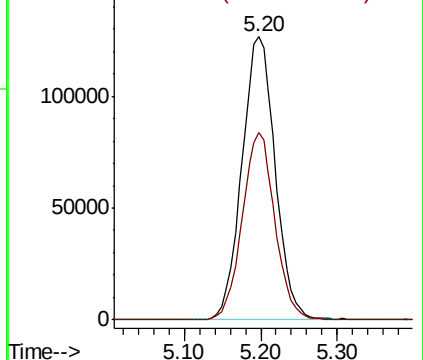
83 100

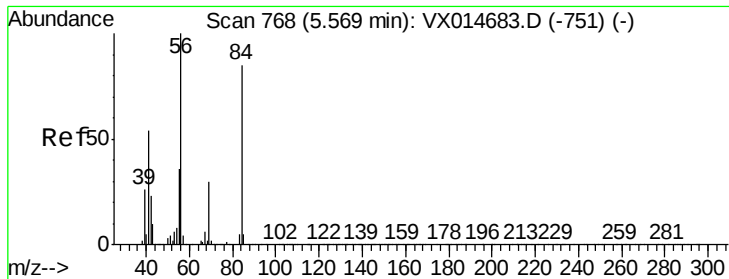
85 65.9 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

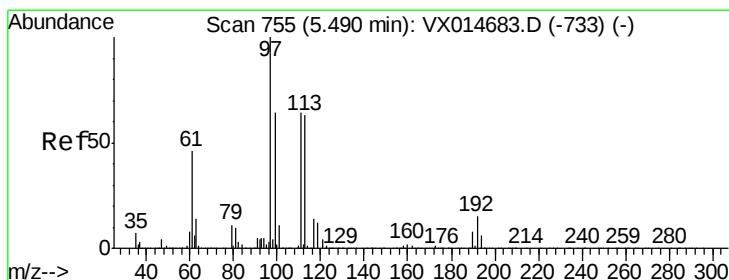
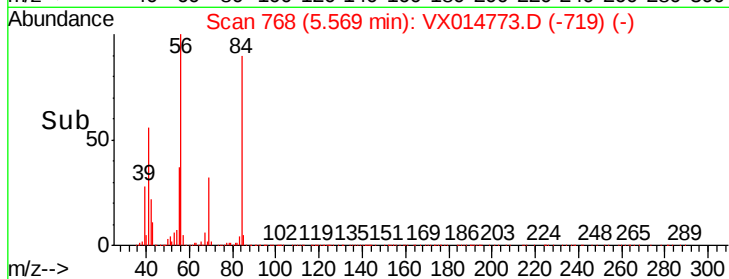
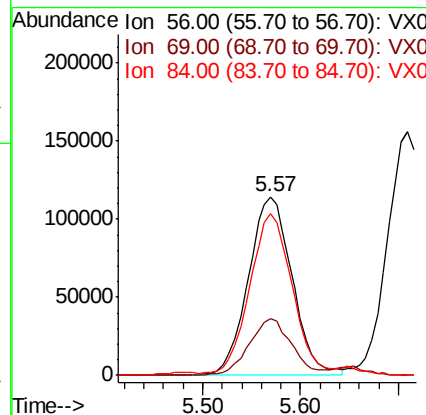
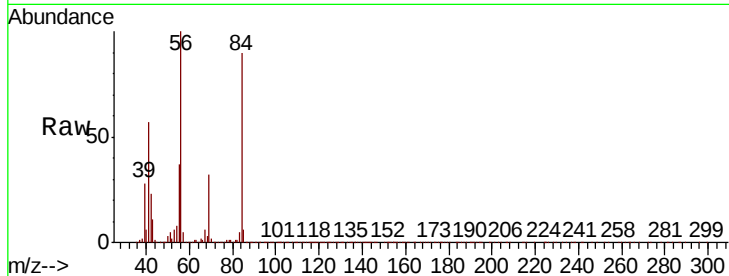




#31
Cyclohexane
Concen: 45.486 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

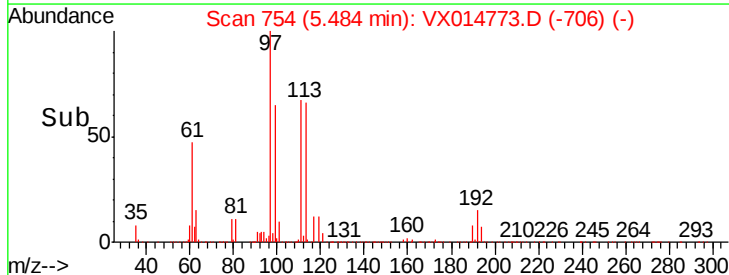
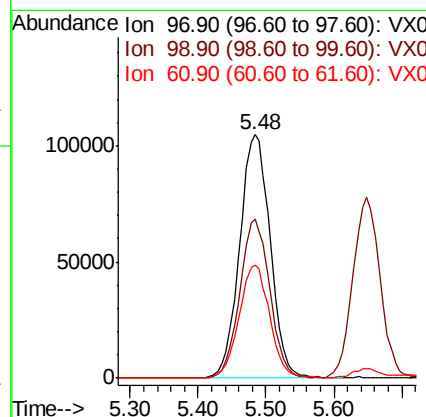
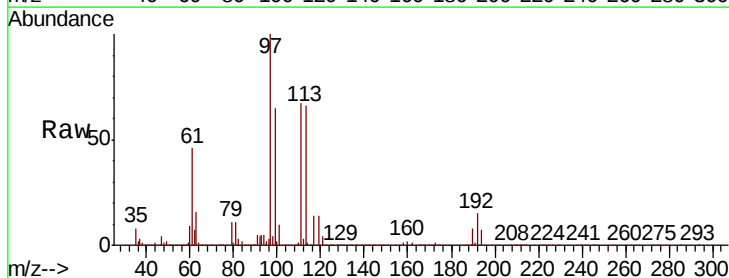
Instrument :
MSVOA_X
ClientSampleId :

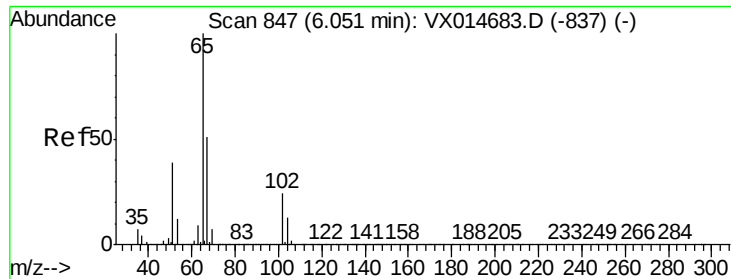
Tot Ion: 56 Resp: 352441
Ion Ratio Lower Upper
56 100
69 31.6 23.4 35.2
84 89.0 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 47.121 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 97 Resp: 325046
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 45.9 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 47.675 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

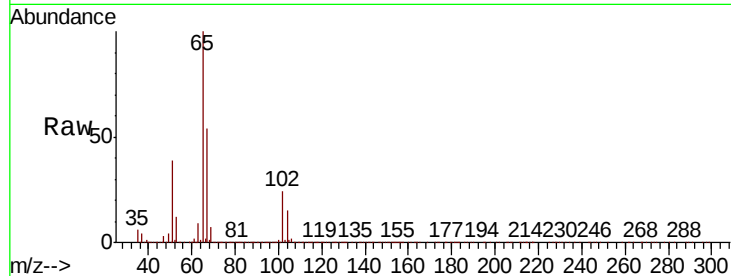
ClientSampled :

Tot Ion: 65 Resp: 237565

Ion Ratio Lower Upper

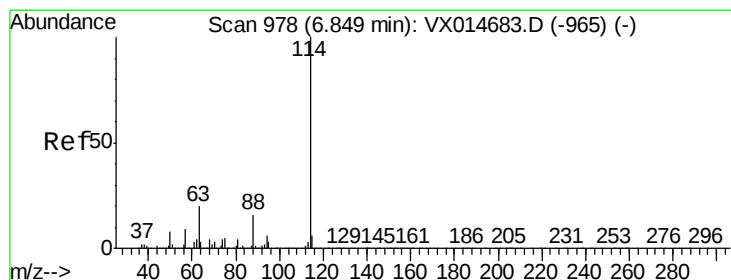
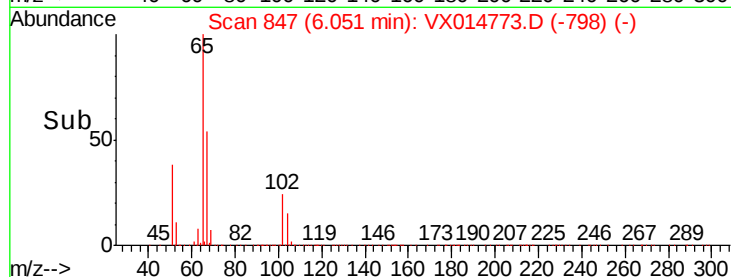
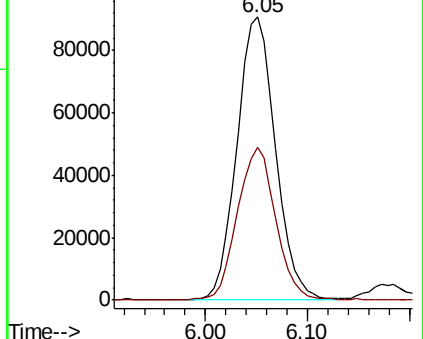
65 100

67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

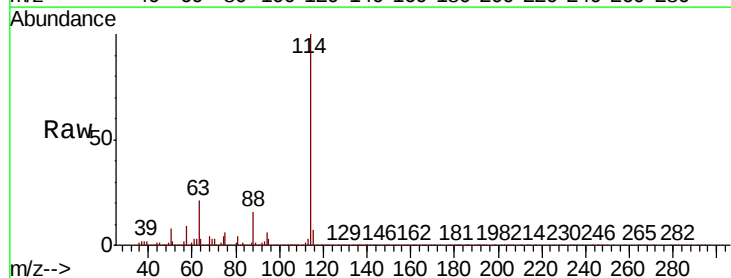
Tgt Ion: 114 Resp: 629784

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

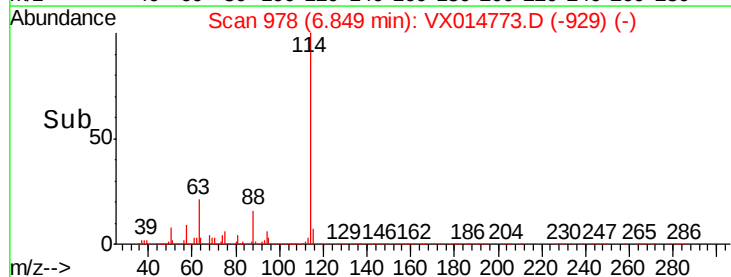
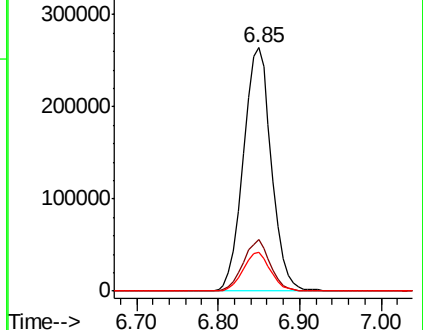
88 15.7 0.0 31.2

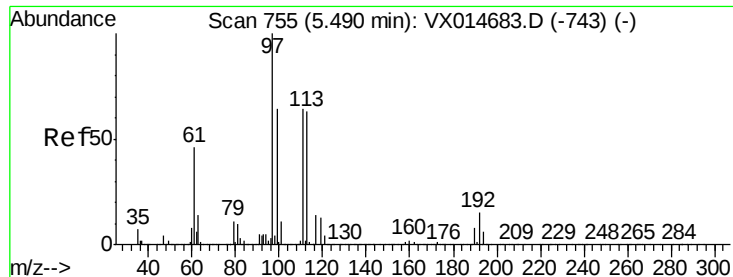


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

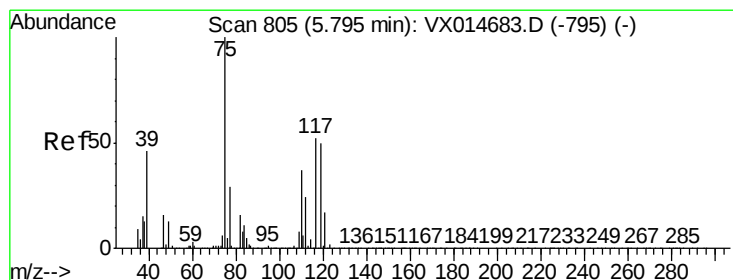
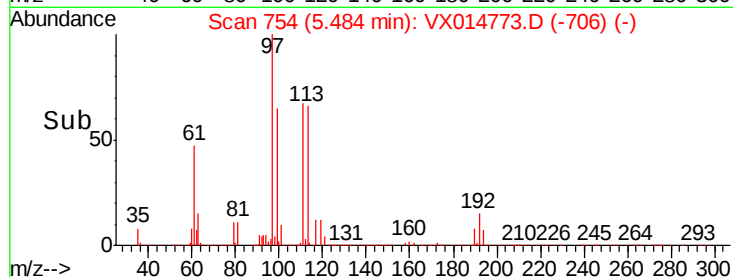
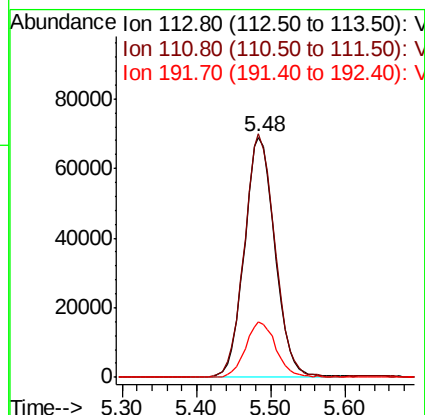
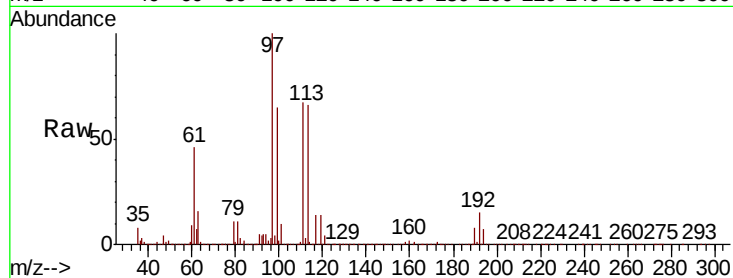




#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

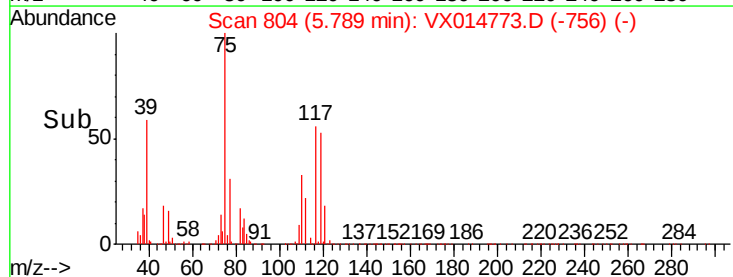
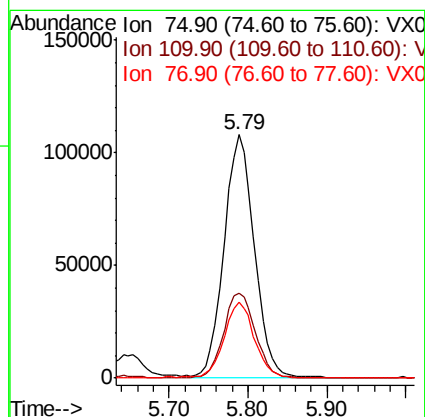
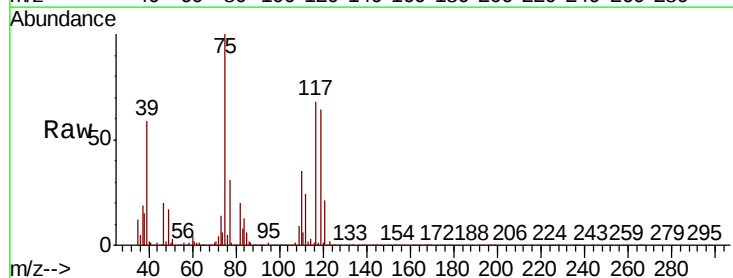
Instrument :
MSVOA_X
ClientSampleId :

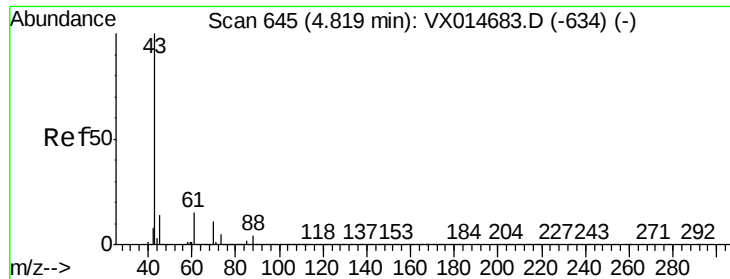
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.7	121.1
192	23.1	18.5	27.7



#36
1,1-Dichloropropene
Concen: 49.219 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.9	53.7
77	31.0	24.1	36.1

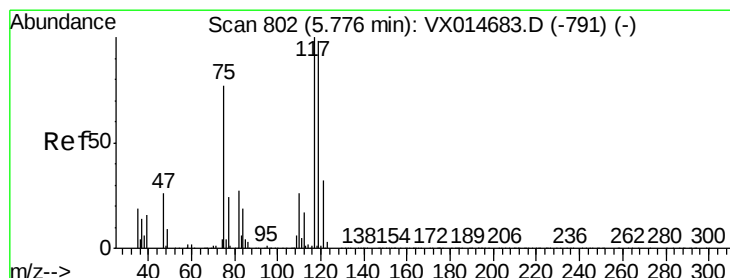
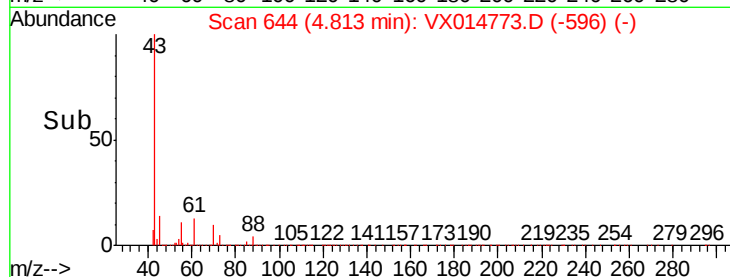
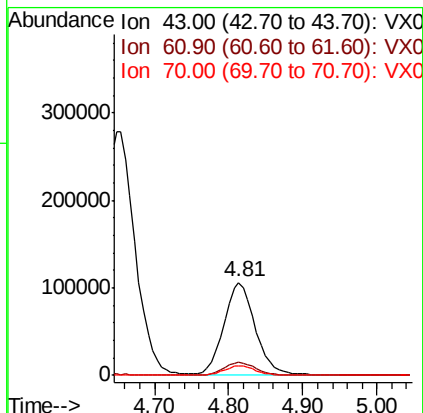
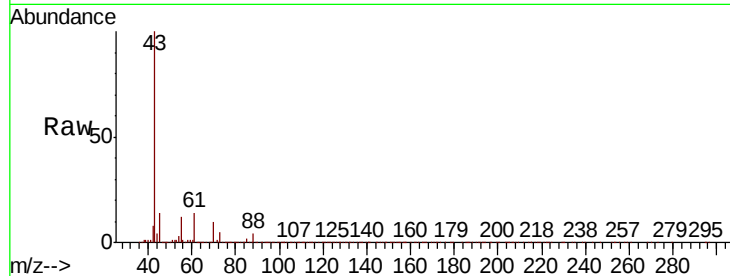




#37
Ethyl Acetate
Concen: 46.031 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

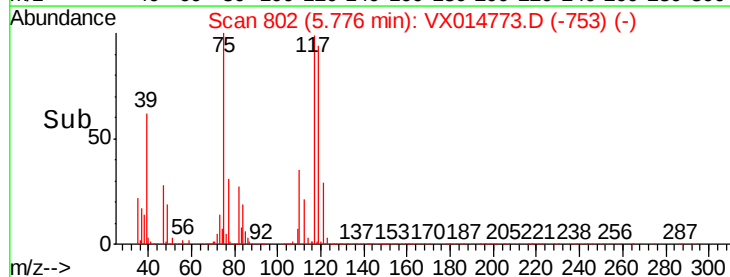
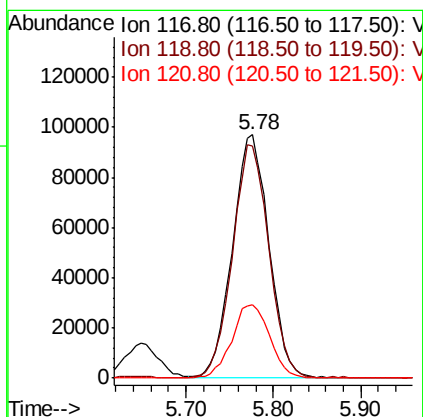
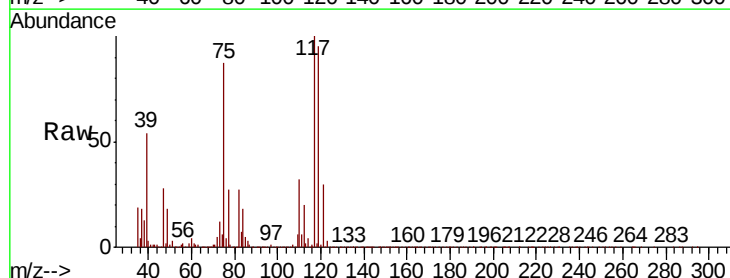
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 308519
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.044 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 117 Resp: 279688
Ion Ratio Lower Upper
117 100
119 95.1 77.9 116.9
121 29.9 25.4 38.2

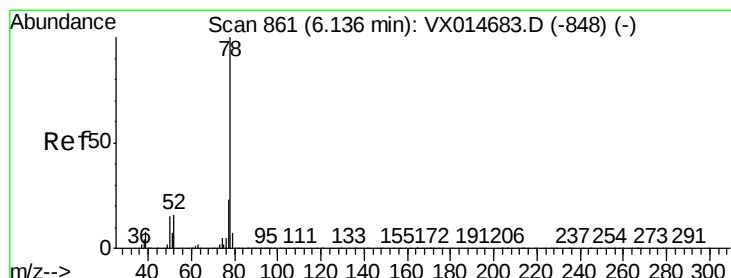
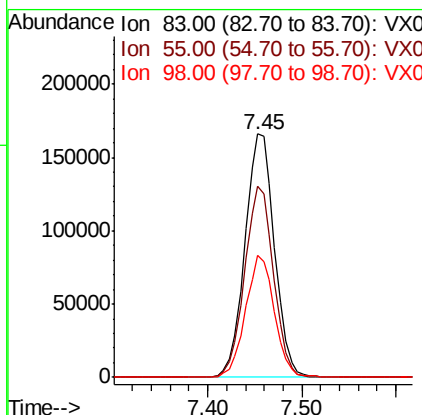
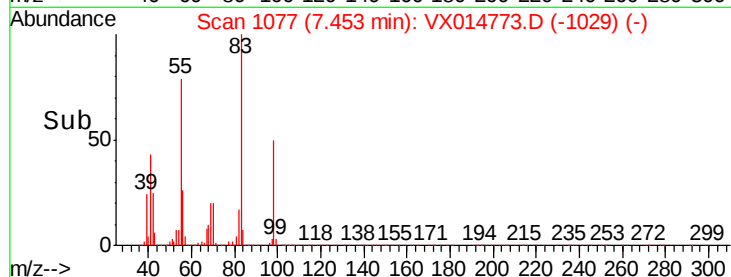
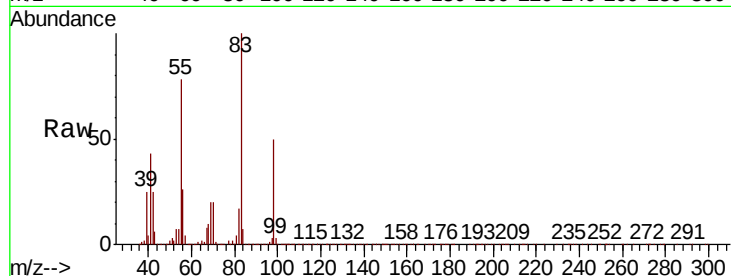




#39
Methvlcvclohexane
Concen: 49.603 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

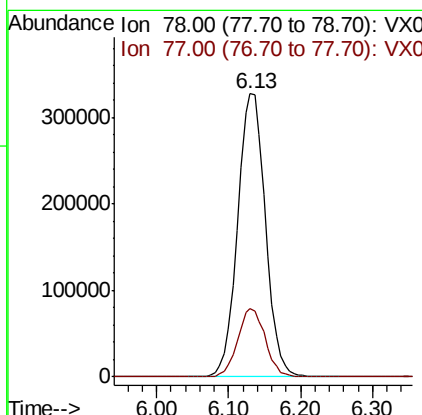
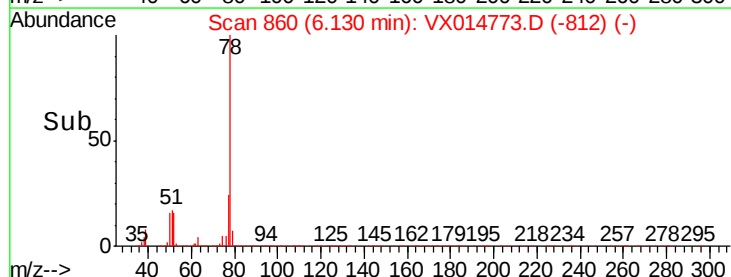
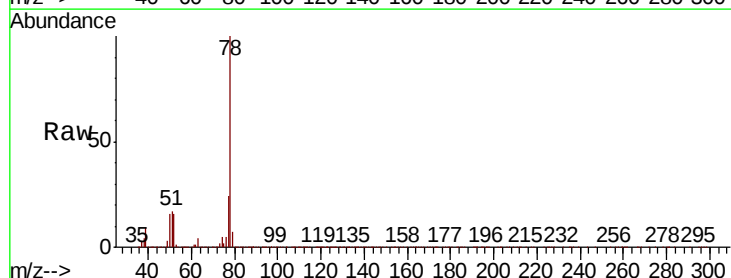
Instrument :
MSVOA_X
ClientSampleId :

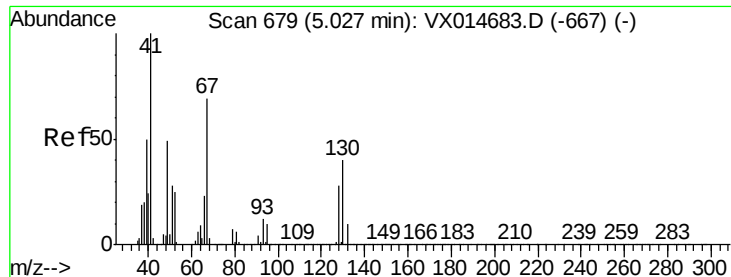
Tot Ion: 83 Resp: 363643
Ion Ratio Lower Upper
83 100
55 78.4 65.6 98.4
98 50.3 40.2 60.4



#40
Benzene
Concen: 48.465 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 78 Resp: 876317
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

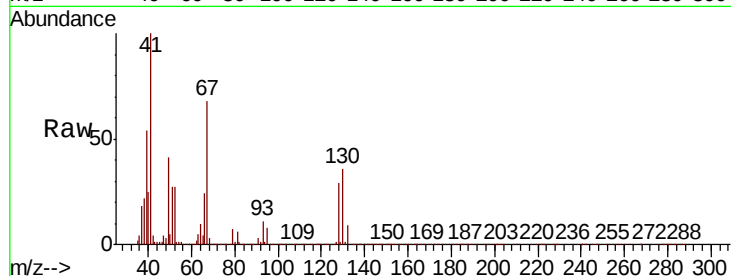




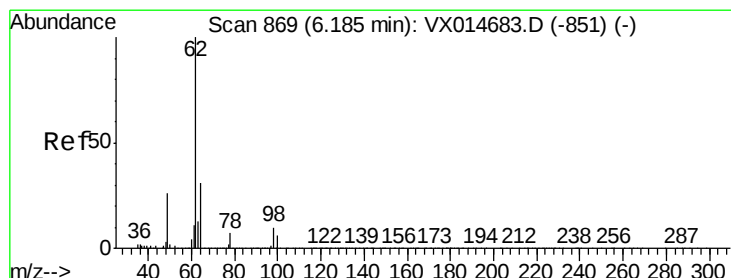
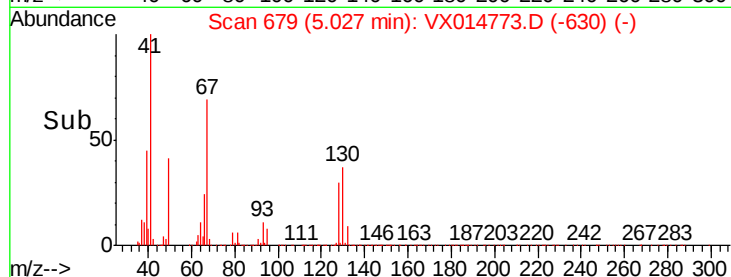
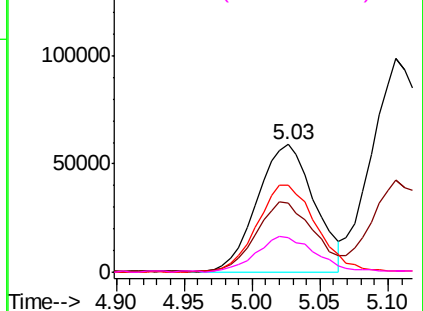
#41
Methacrylonitrile
Concen: 45.069 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	172431
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.2	63.2
67	72.0	55.4	83.0
52	28.4	22.1	33.1

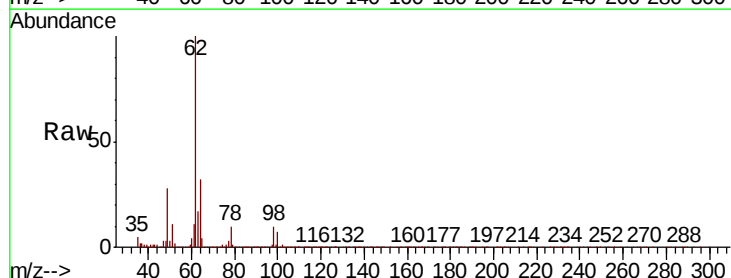


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

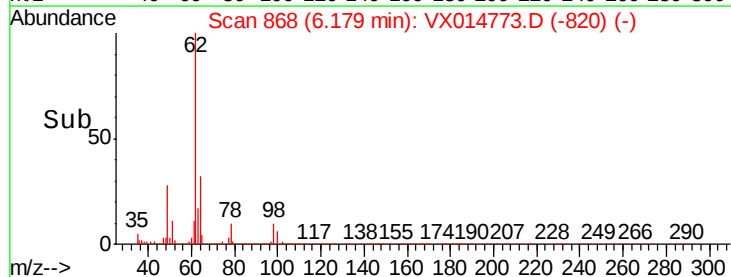
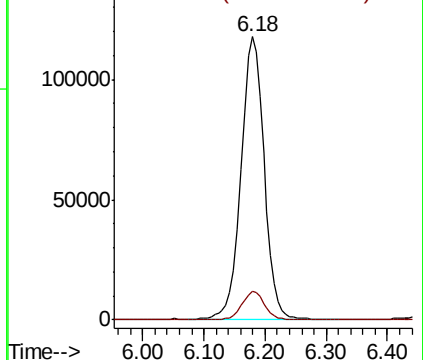


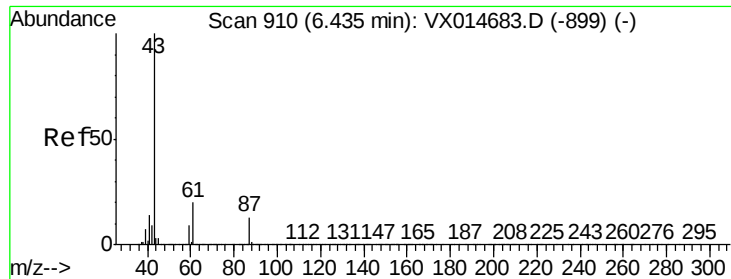
#42
1,2-Dichloroethane
Concen: 49.300 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion:	62	Resp:	307822
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0



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



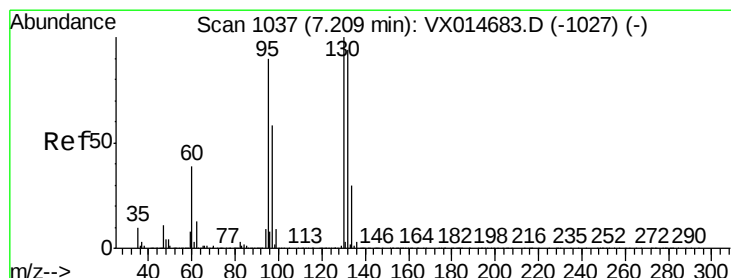
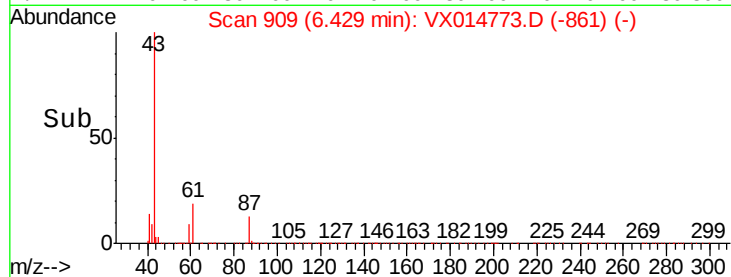
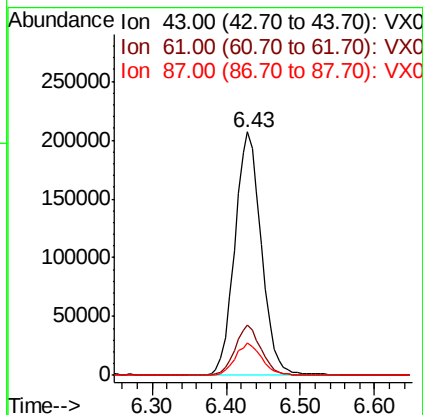
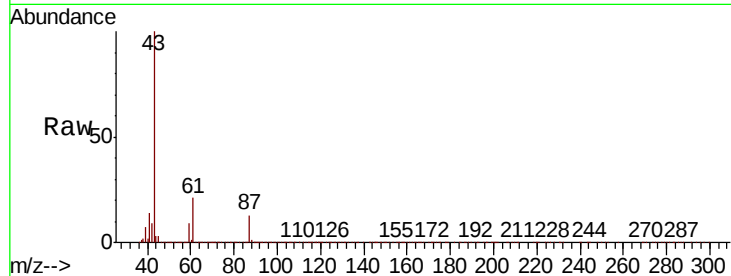


#43

Isopropyl Acetate
 Concen: 46.863 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampled :

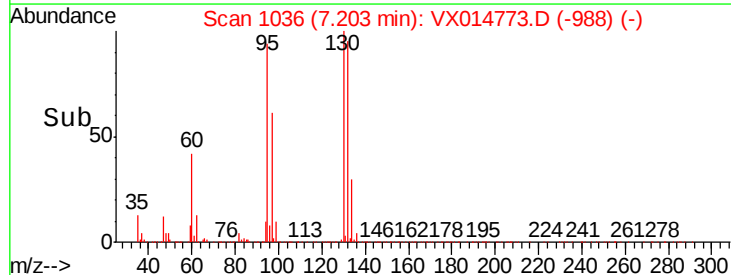
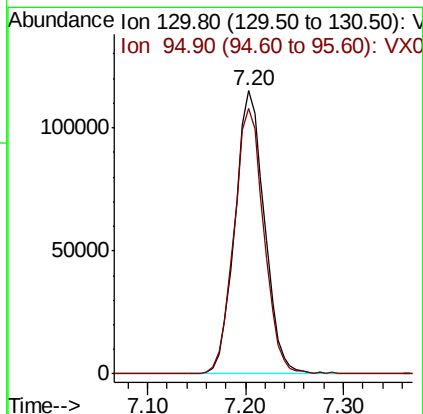
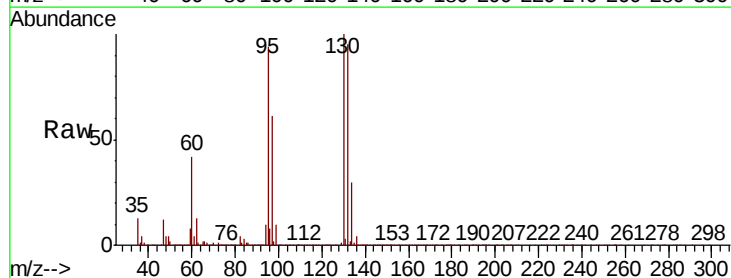
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.0	10.5	15.7

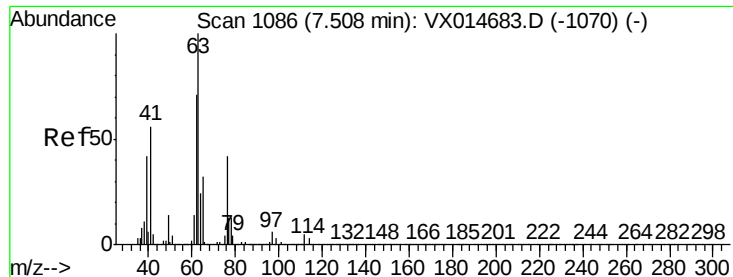


#44

Trichloroethene
 Concen: 47.342 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	179.8





#45

1,2-Dichloropropane

Concen: 49.606 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

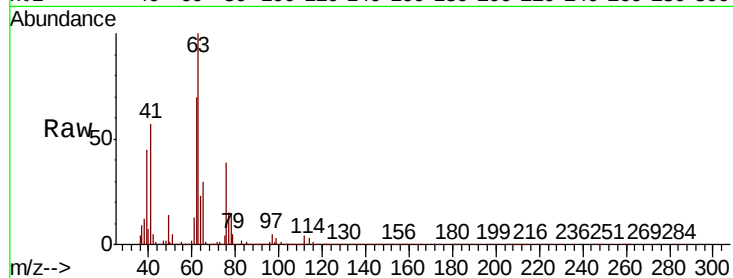
ClientSampleId :

Tot Ion: 63 Resp: 231071

Ion Ratio Lower Upper

63 100

65 30.2 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

120000

100000

80000

60000

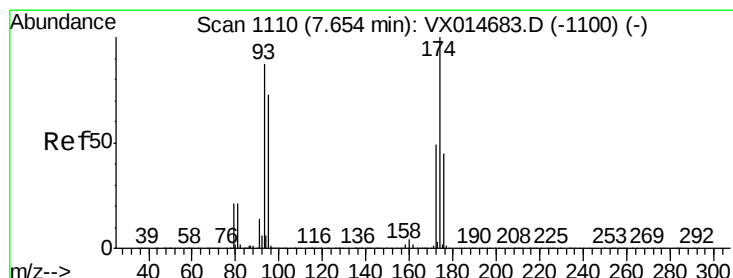
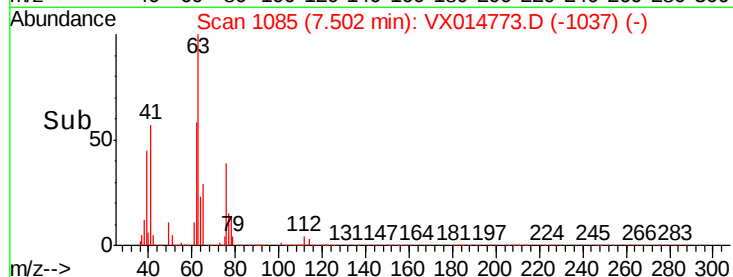
40000

20000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.364 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

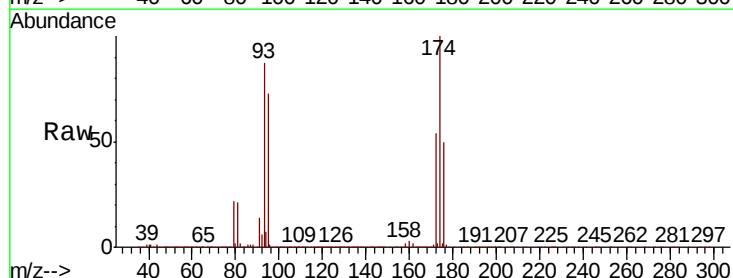
Tgt Ion: 93 Resp: 148927

Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.4

174 113.5 90.2 135.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

60000

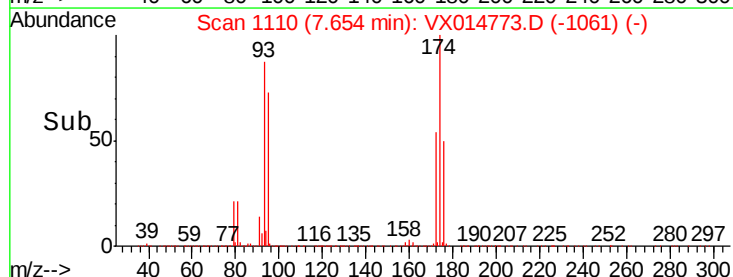
40000

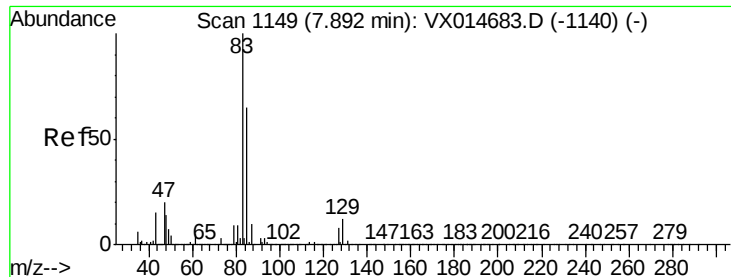
20000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 50.910 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

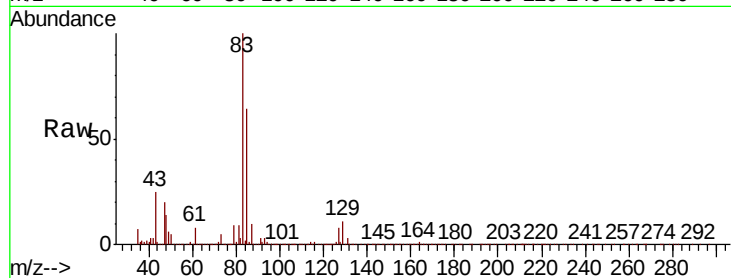
Tot Ion: 83 Resp: 301240

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.2

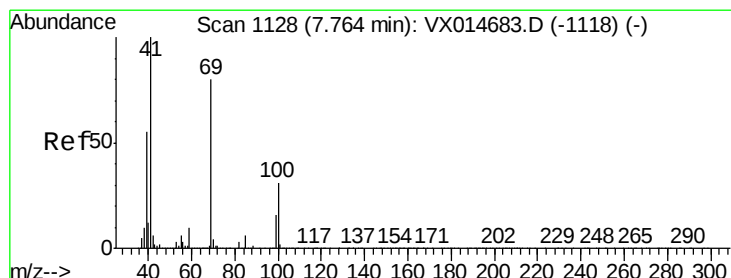
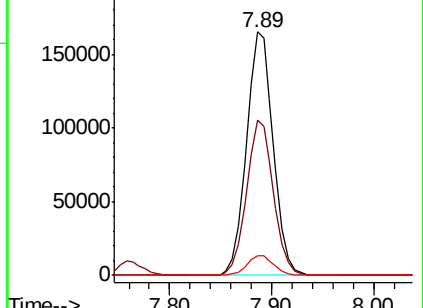
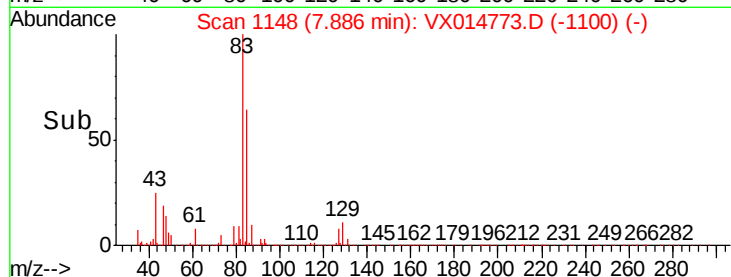
127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.129 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

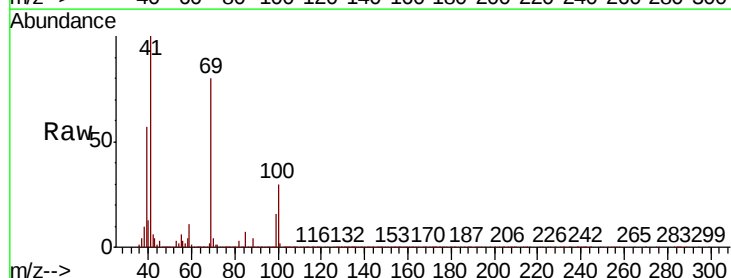
Tgt Ion: 41 Resp: 257638

Ion Ratio Lower Upper

41 100

69 79.9 63.5 95.3

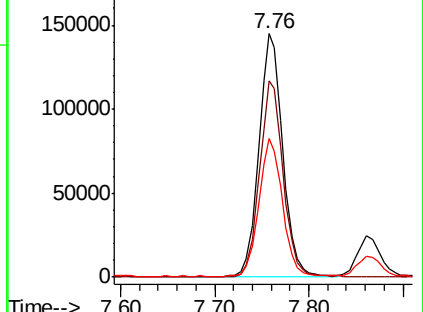
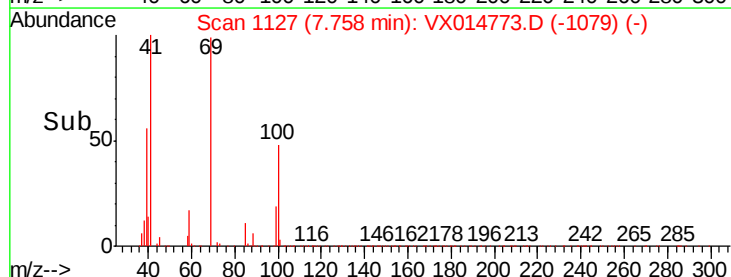
39 56.2 43.7 65.5

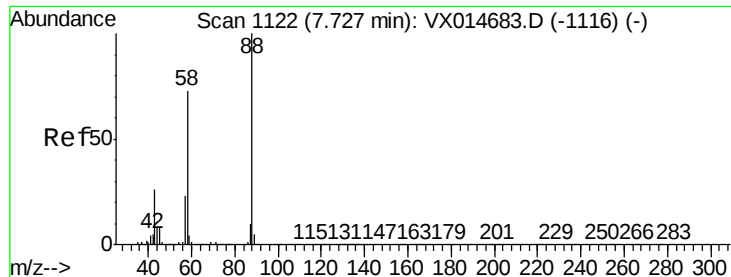


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

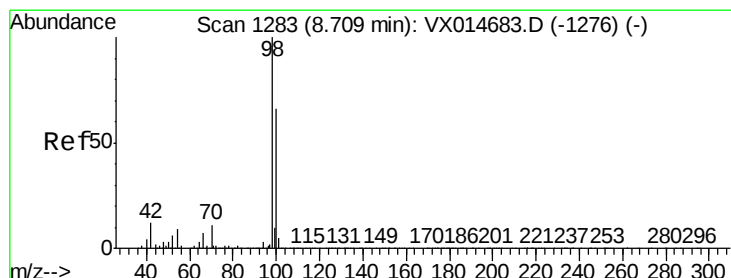
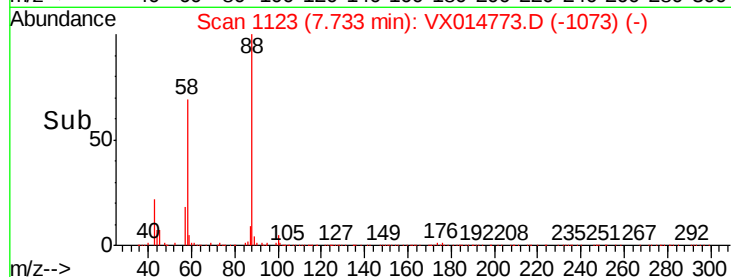
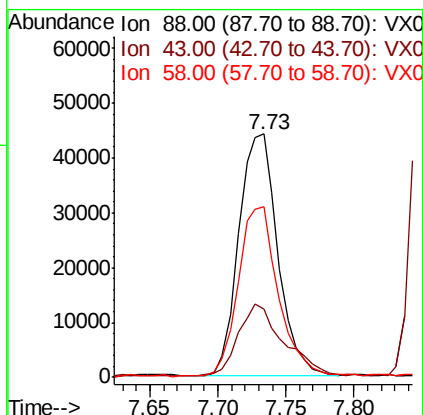
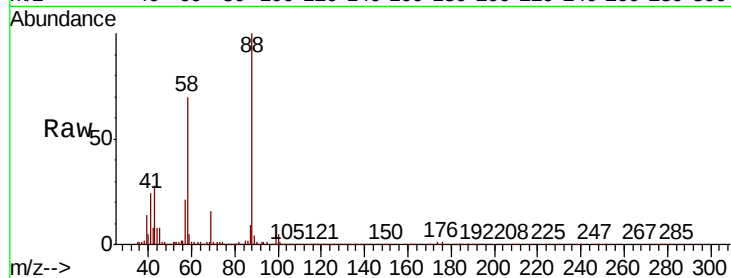




#49
1,4-Dioxane
Concen: 792.215 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

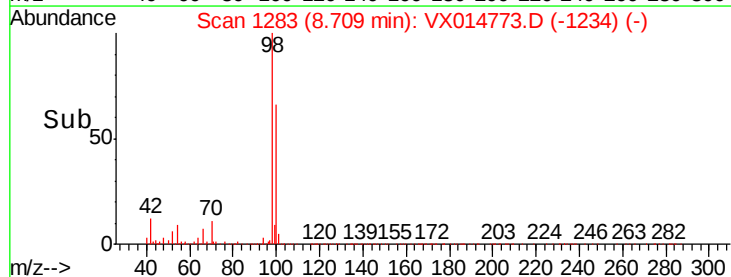
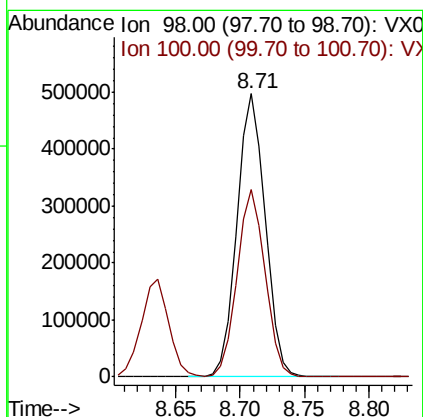
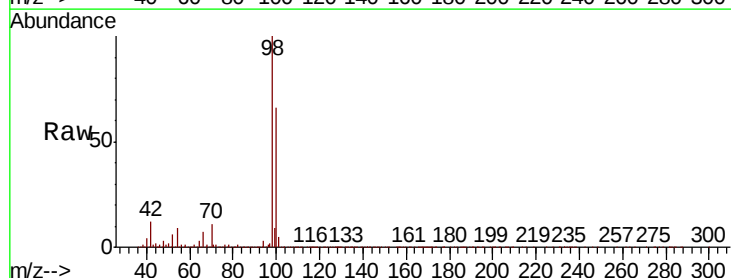
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 88064
Ion Ratio Lower Upper
88 100
43 34.8 26.2 39.2
58 72.2 56.6 85.0



#50
Toluene-d8
Concen: 49.399 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 98 Resp: 754677
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 231.142 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

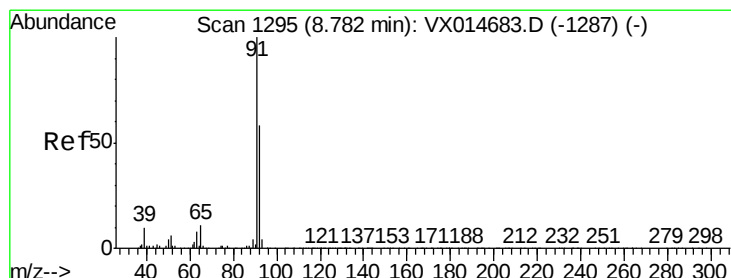
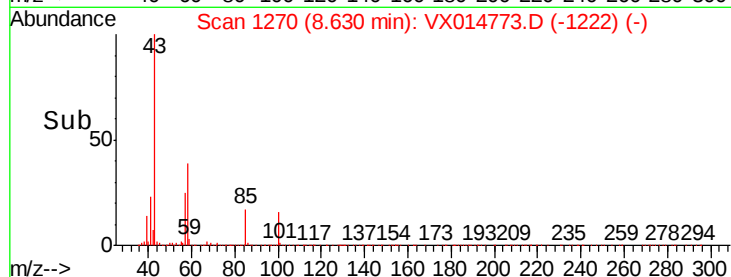
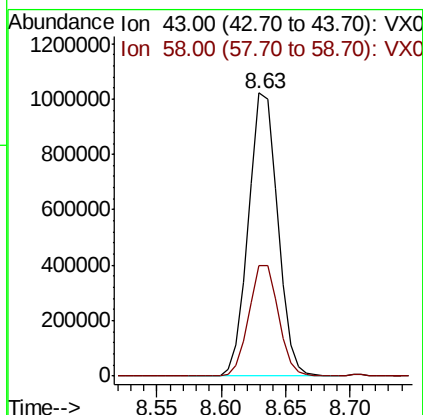
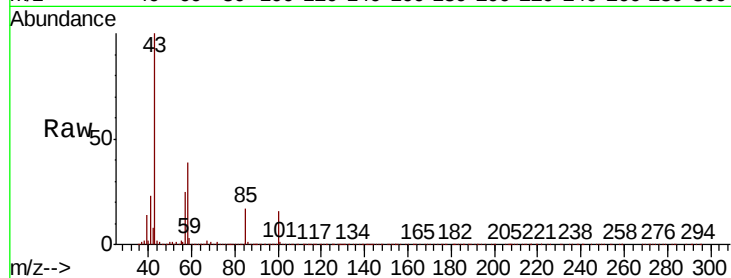
ClientSampled :

Tot Ion: 43 Resp: 1601174

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 49.306 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014773.D

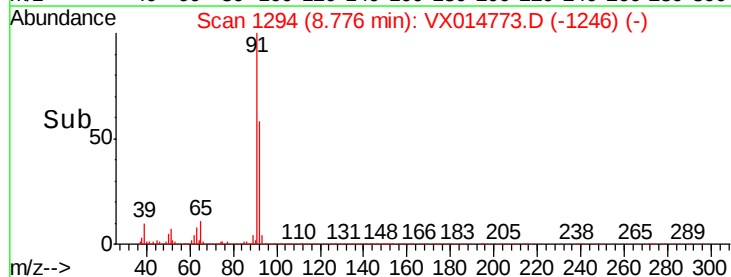
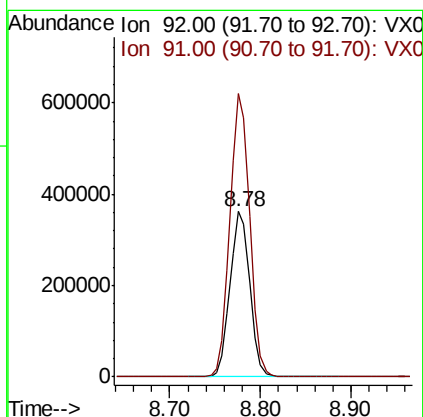
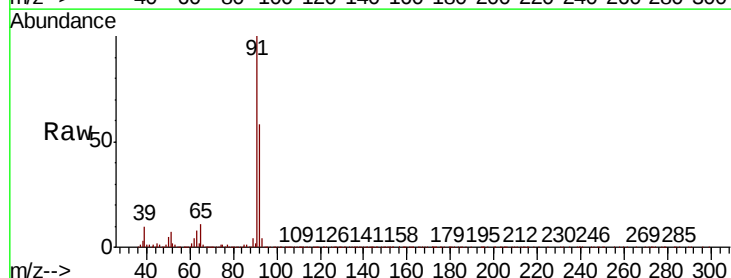
Acq: 30 Jan 2020 17:47

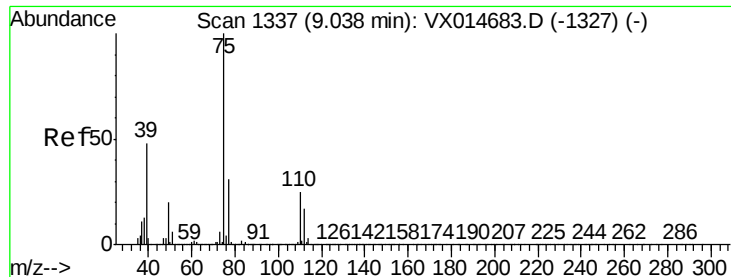
Tgt Ion: 92 Resp: 548017

Ion Ratio Lower Upper

92 100

91 171.4 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 51.750 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

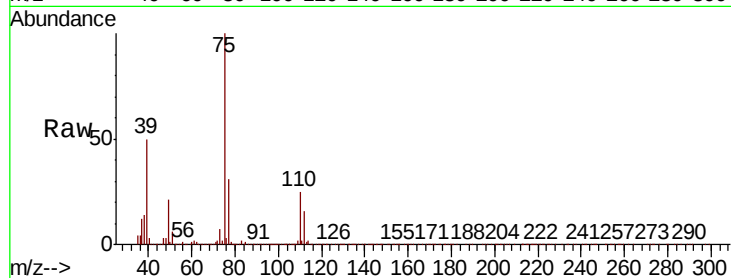
ClientSampleId :

Tot Ion: 75 Resp: 329716

Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

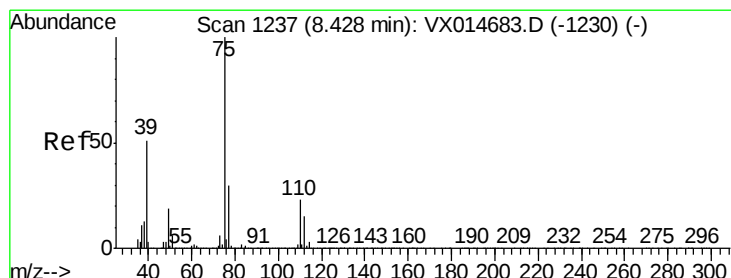
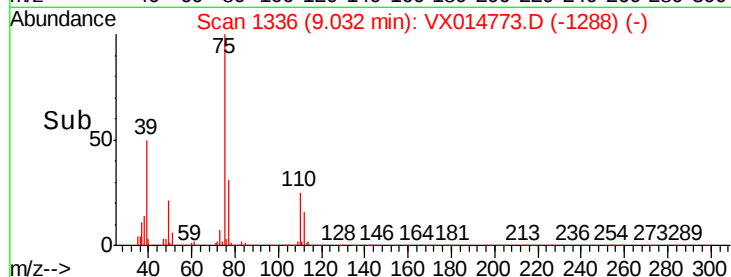
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.733 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

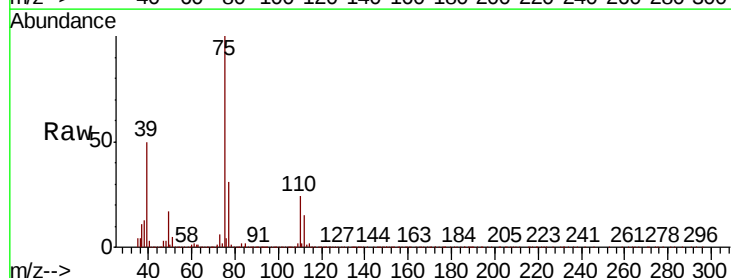
Tgt Ion: 75 Resp: 369608

Ion Ratio Lower Upper

75 100

77 31.3 23.9 35.9

39 49.9 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300000

250000

200000

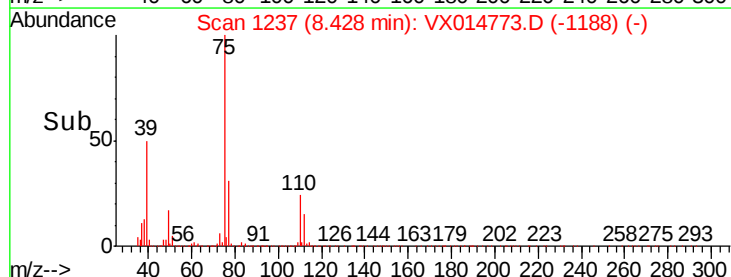
150000

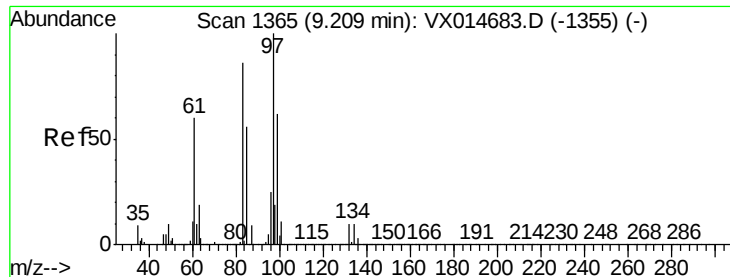
100000

50000

0

Time-->

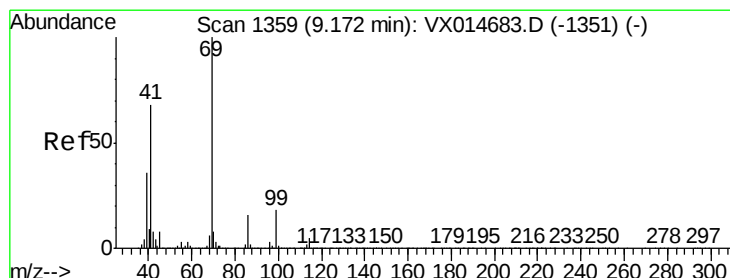
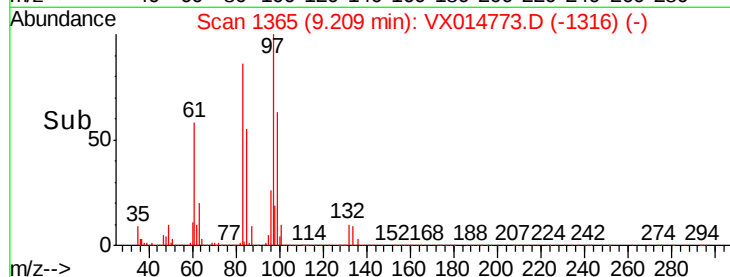
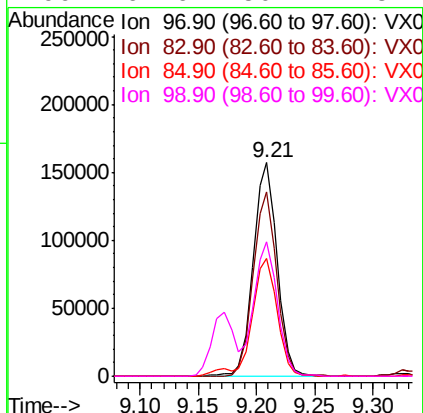
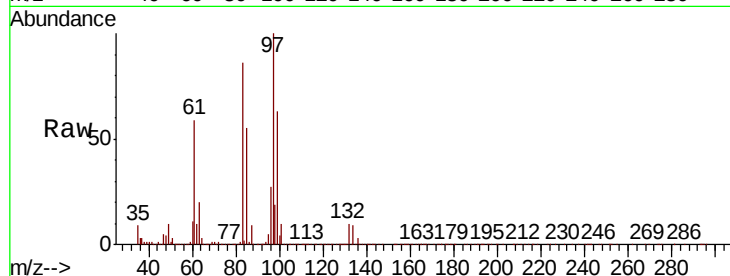




#55
 1,1,2-Trichloroethane
 Concen: 49.481 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

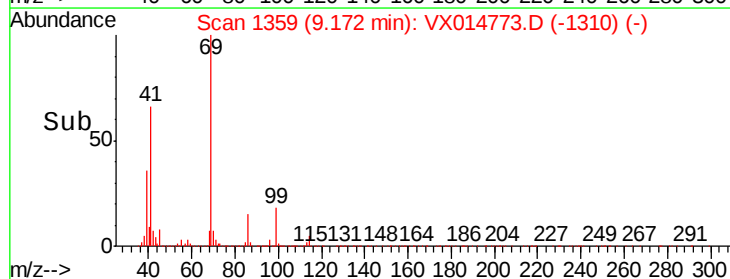
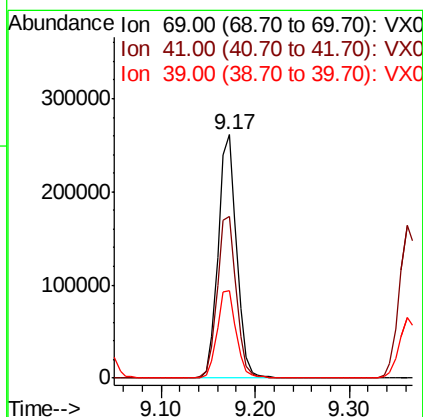
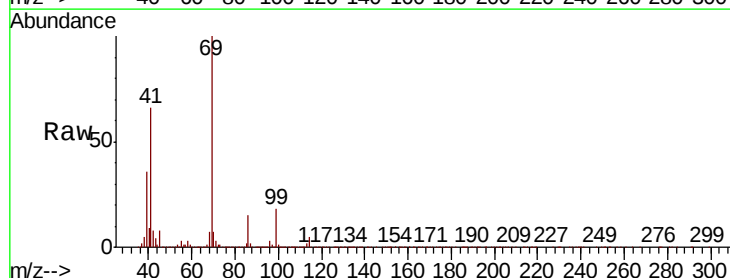
Instrument :
 MSVOA_X
 ClientSampleId :

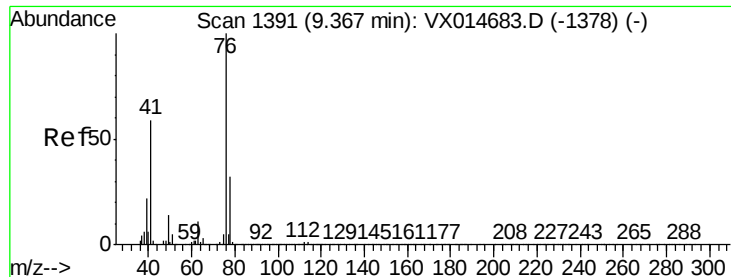
Tot Ion:	97	Resp:	225169
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.2	103.8
85	55.0	44.6	67.0
99	62.6	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 45.976 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion:	69	Resp:	353541
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.9	82.3
39	36.6	29.3	43.9





#57

1,3-Dichloropropane

Concen: 48.767 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

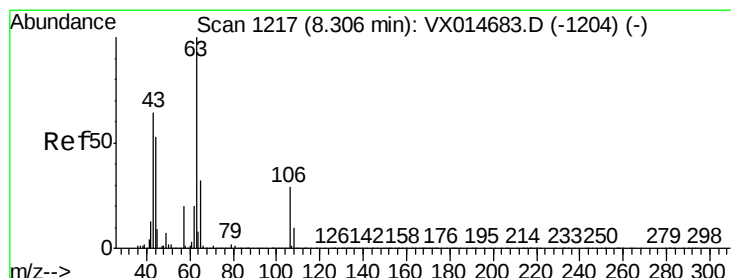
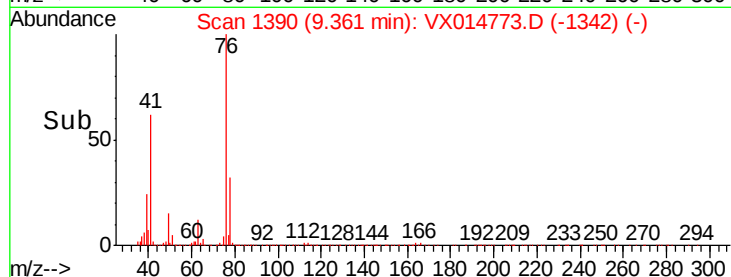
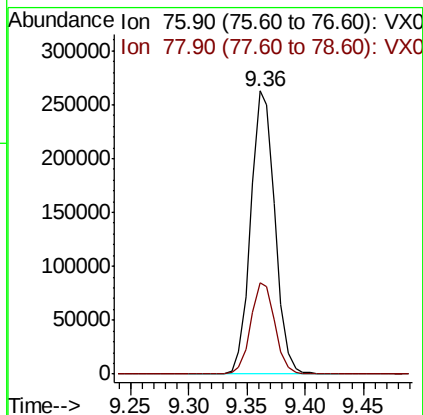
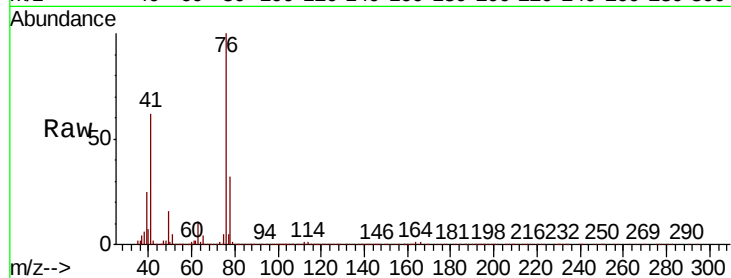
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 379362

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 236.911 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014773.D

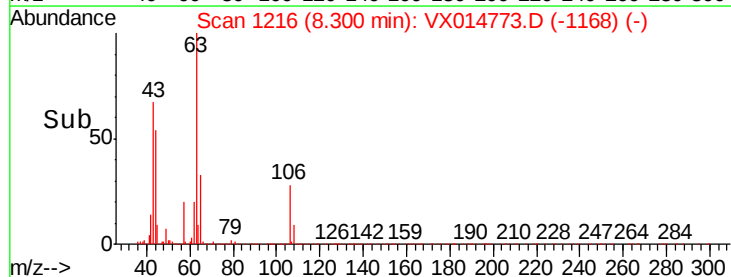
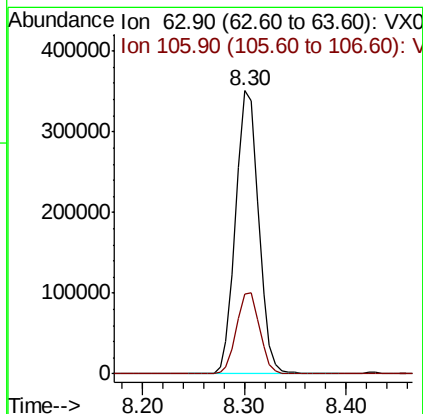
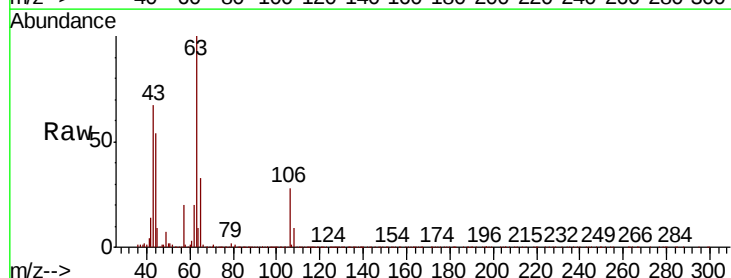
Acq: 30 Jan 2020 17:47

Tgt Ion: 63 Resp: 542180

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1

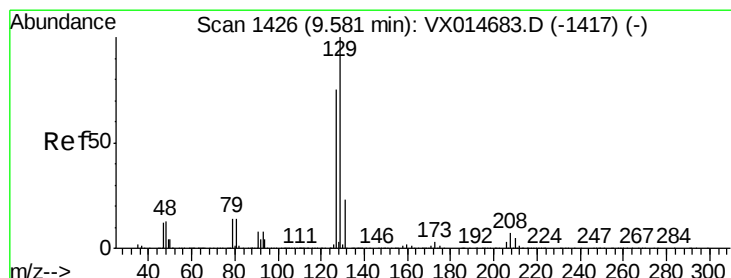
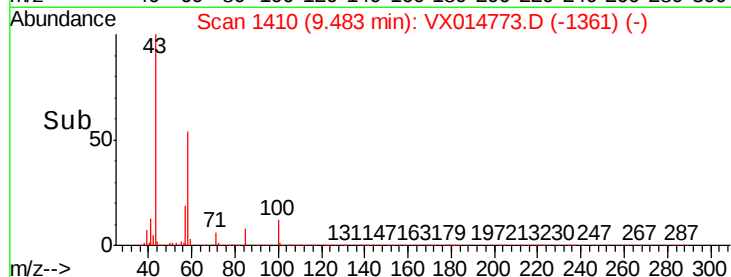
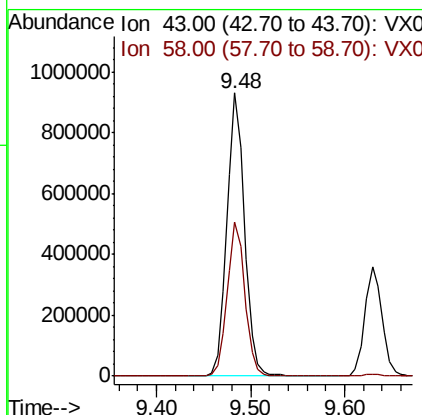
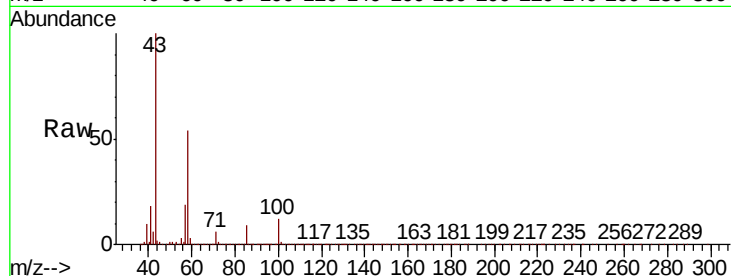




#59
2-Hexanone
Concen: 224.337 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

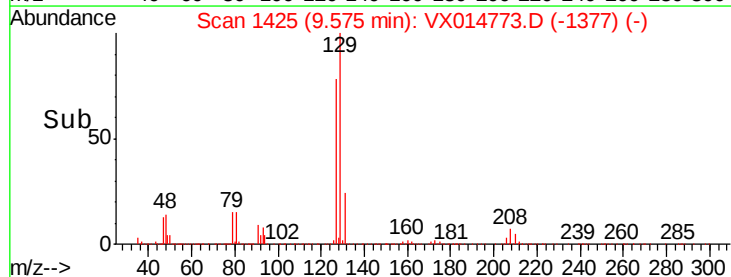
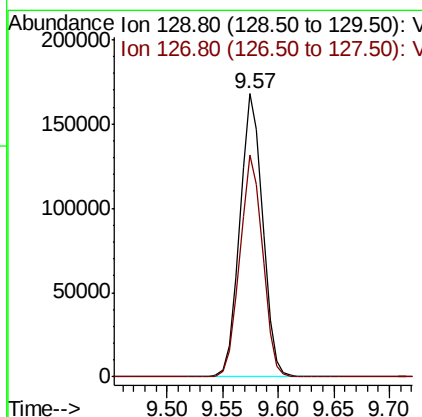
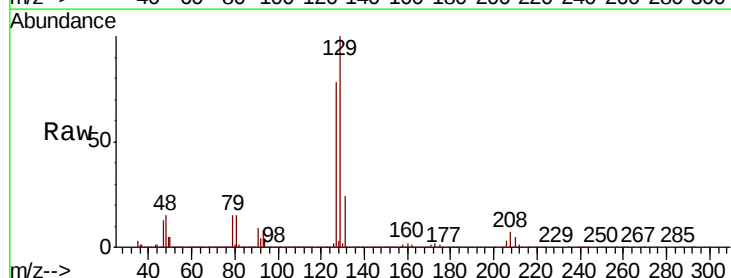
Instrument :
MSVOA_X
ClientSampled :

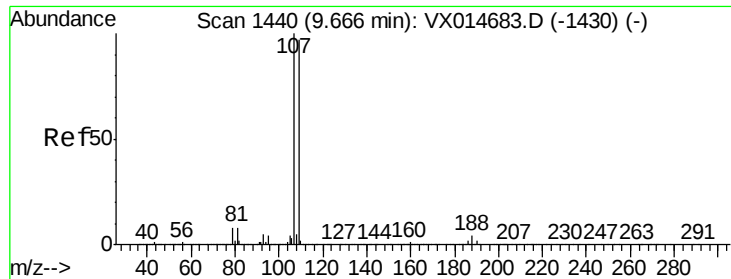
Tot Ion: 43 Resp: 1205904
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 50.082 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion:129 Resp: 237882
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

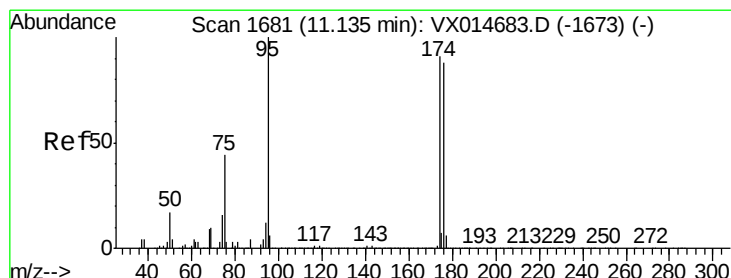
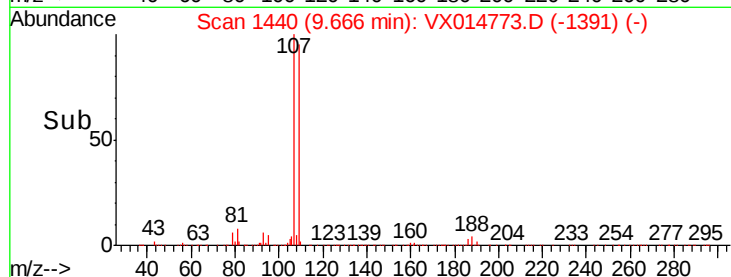
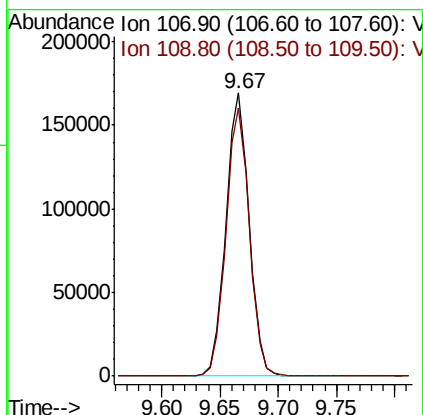
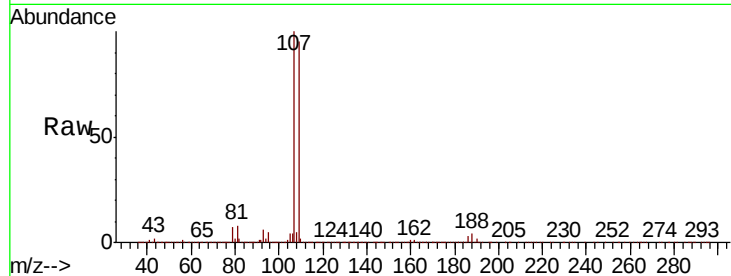




#61
 1,2-Dibromoethane
 Concen: 48.445 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

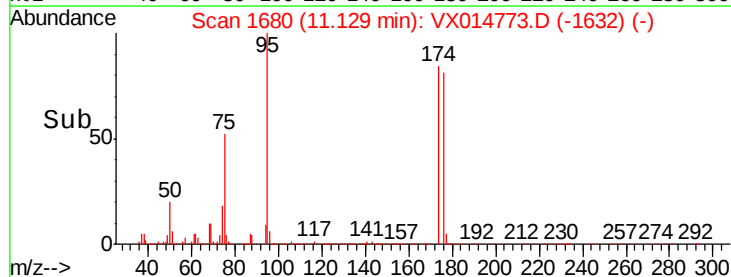
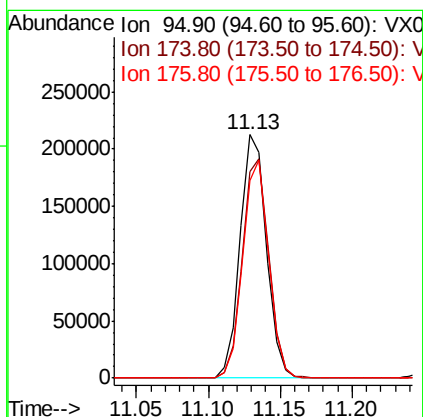
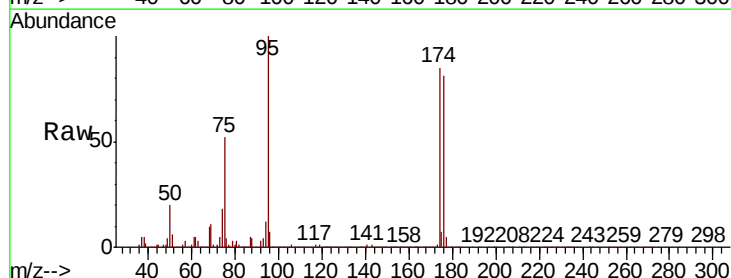
Instrument :
 MSVOA_X
 ClientSampleId :

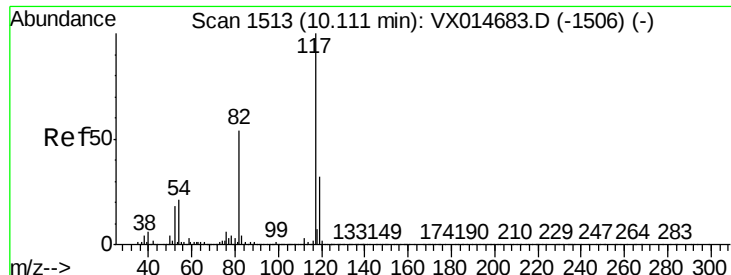
Tot Ion:107 Resp: 233084
 Ion Ratio Lower Upper
 107 100
 109 95.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.541 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion: 95 Resp: 269607
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 176.0
 176 87.6 0.0 172.2

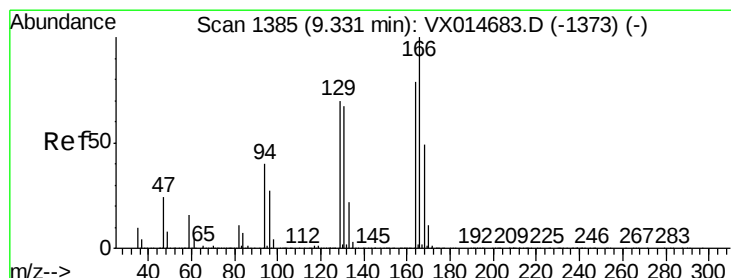
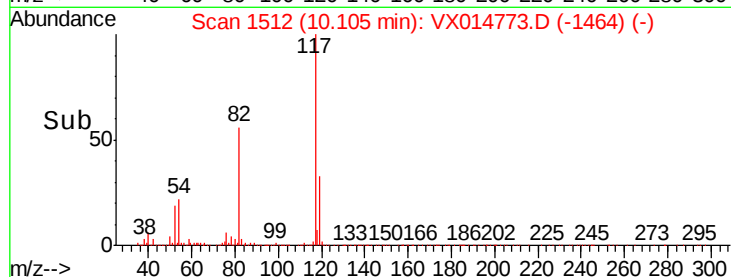
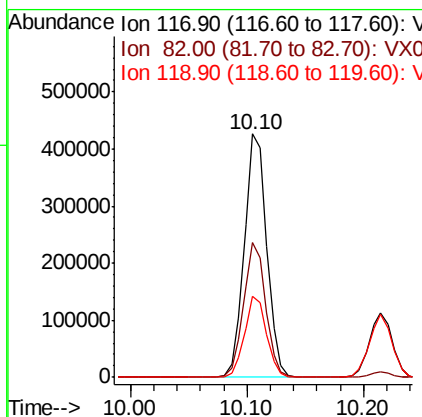
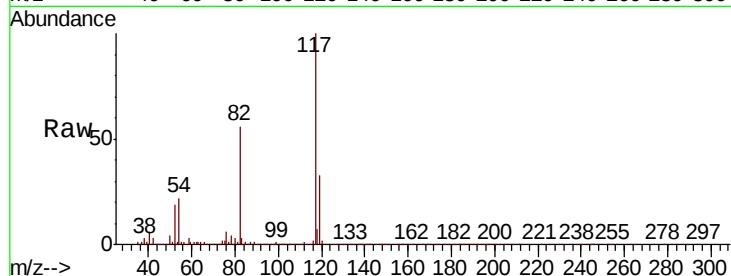




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

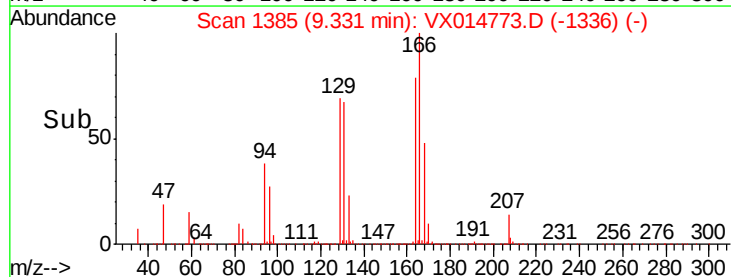
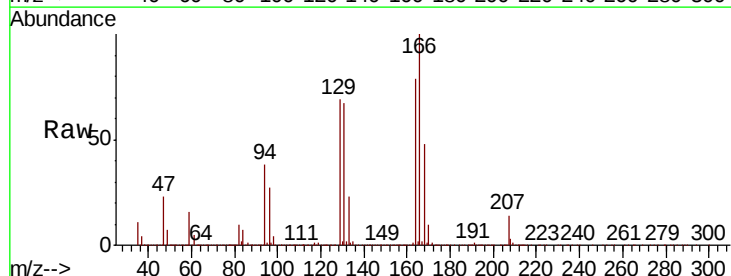
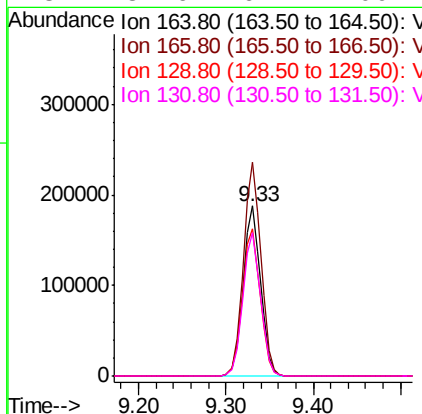
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 575425
Ion Ratio Lower Upper
117 100
82 55.5 43.2 64.8
119 33.0 25.8 38.6



#64
Tetrachloroethene
Concen: 45.551 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion:164 Resp: 259457
Ion Ratio Lower Upper
164 100
166 125.9 100.9 151.3
129 86.4 71.0 106.6
131 84.6 67.1 100.7





#65

Chlorobenzene

Concen: 48.221 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

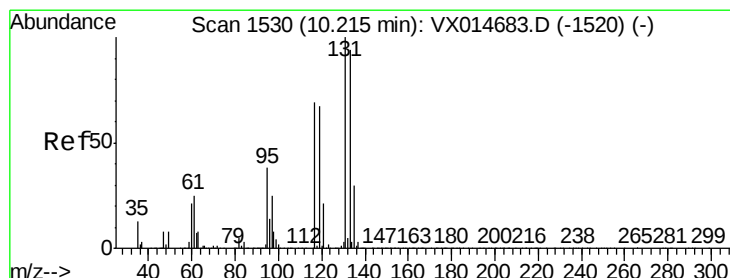
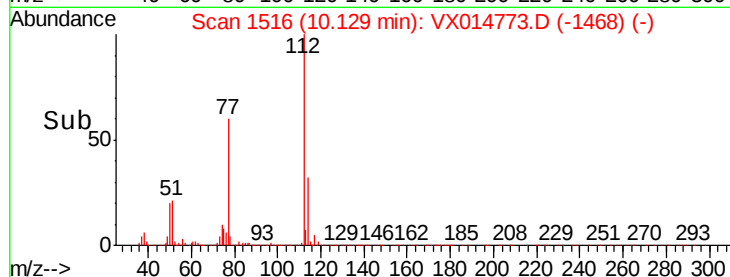
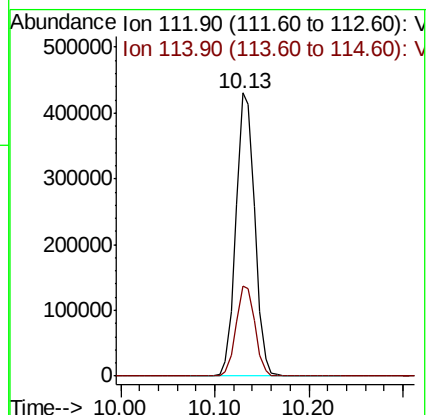
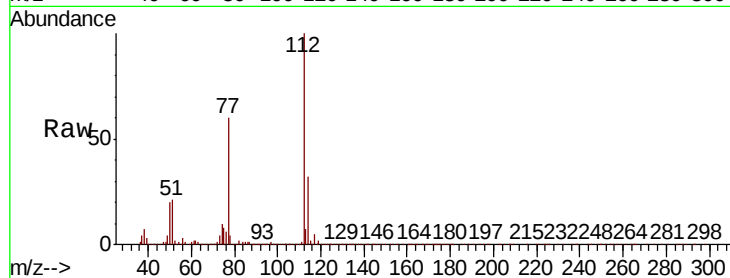
ClientSampleId :

Tot Ion:112 Resp: 593506

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.750 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

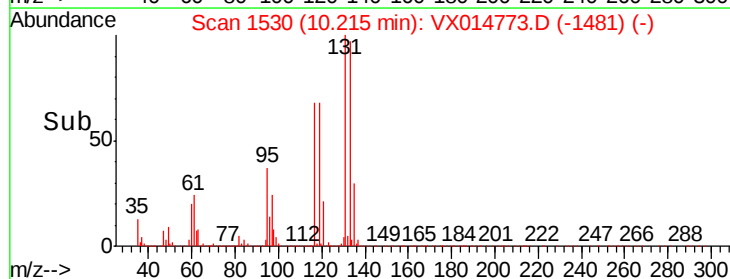
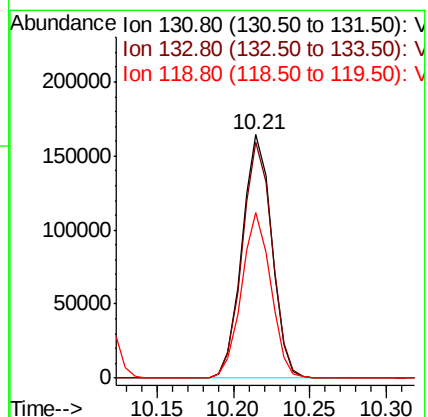
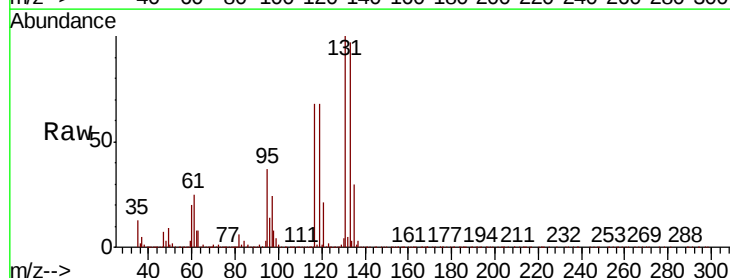
Tgt Ion:131 Resp: 221231

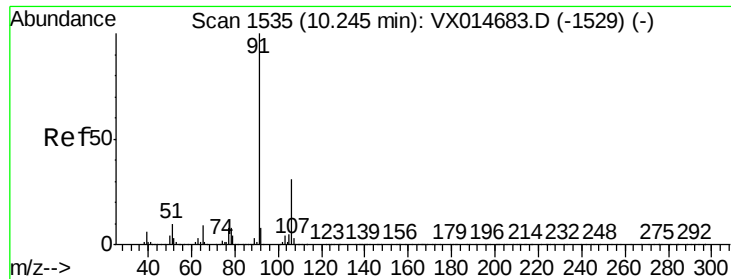
Ion Ratio Lower Upper

131 100

133 97.7 47.4 142.3

119 66.8 33.3 99.8

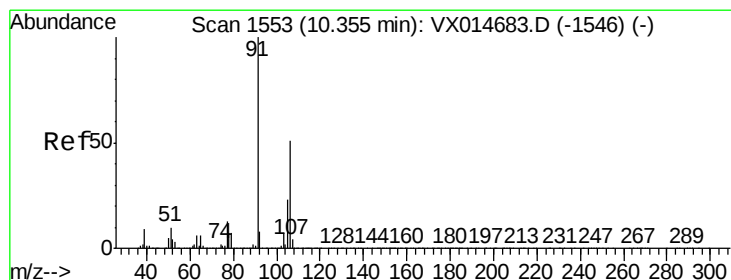
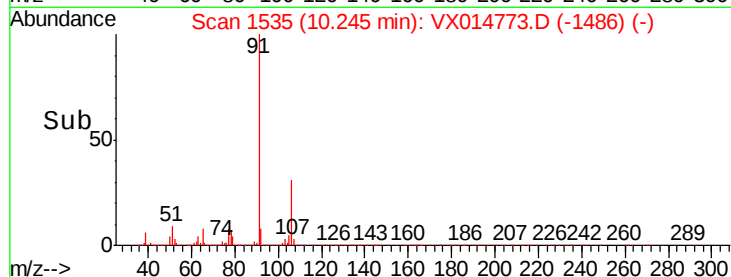
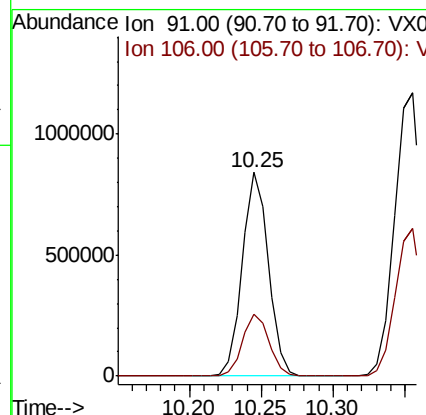
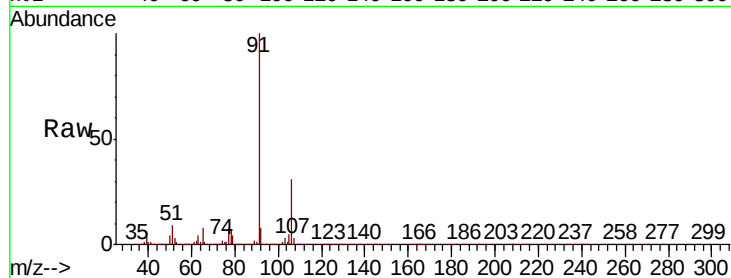




#67
Ethyl Benzene
Concen: 50.522 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

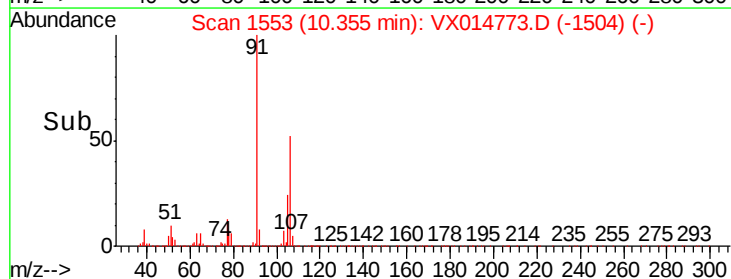
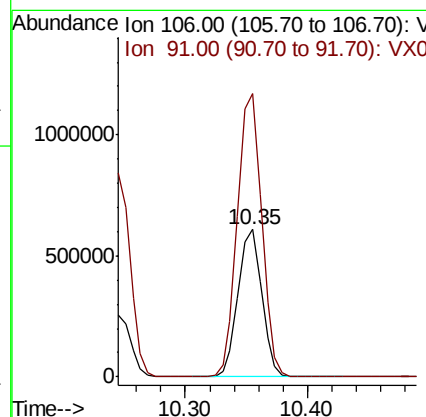
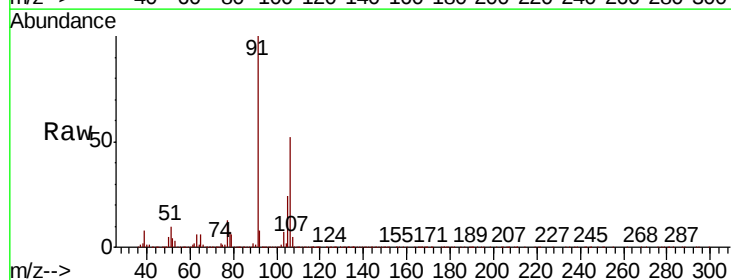
Instrument :
MSVOA_X
ClientSampleId :

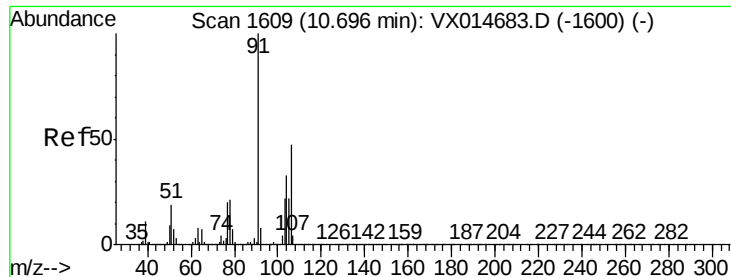
Tot Ion: 91 Resp: 1061770
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3



#68
m/p-Xylenes
Concen: 102.727 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 106 Resp: 817890
Ion Ratio Lower Upper
106 100
91 196.5 159.4 239.2

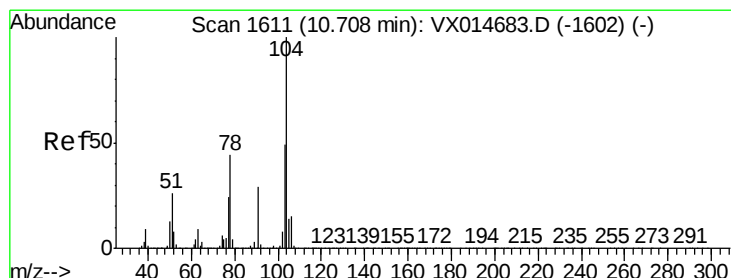
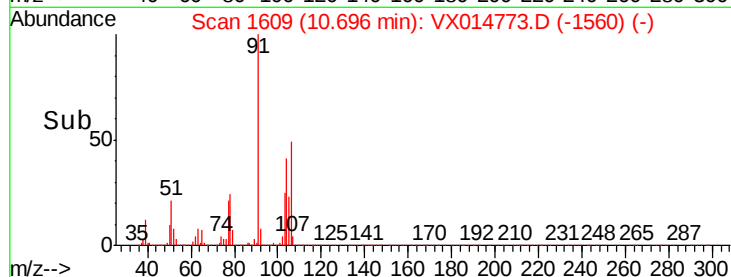
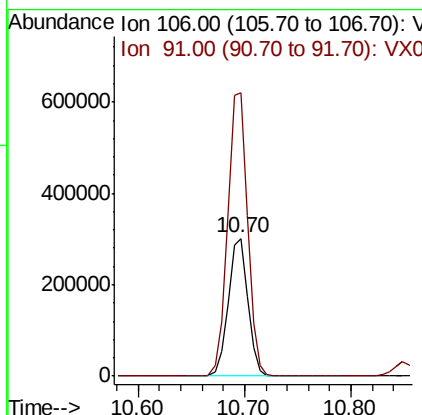
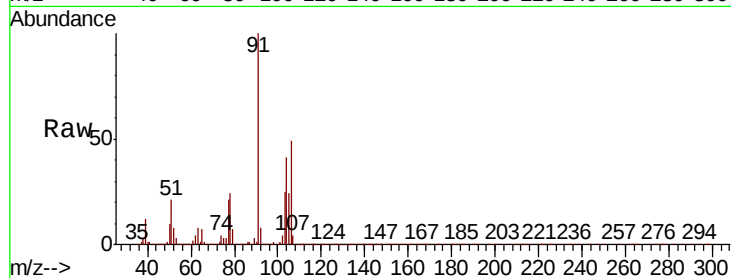




#69
o-Xylene
Concen: 50.605 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

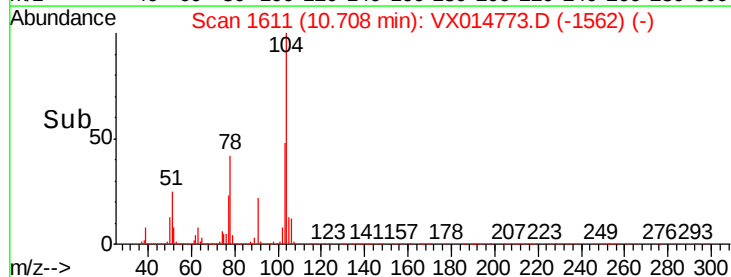
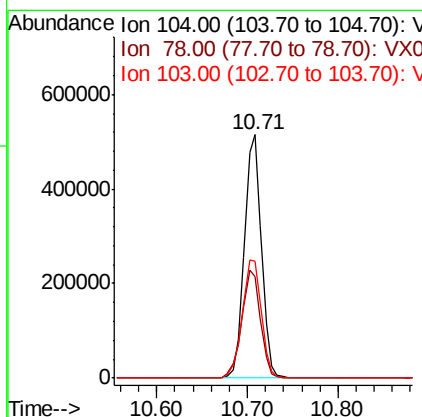
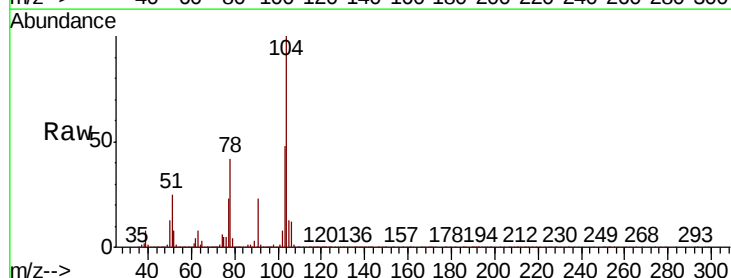
Instrument :
MSVOA_X
ClientSampleId :

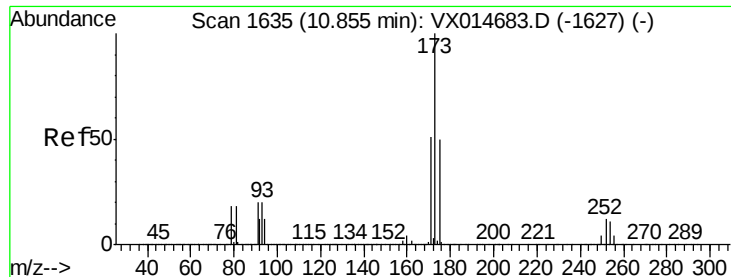
Tot Ion:106 Resp: 388967
Ion Ratio Lower Upper
106 100
91 210.8 106.2 318.6



#70
Styrene
Concen: 52.050 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion:104 Resp: 671102
Ion Ratio Lower Upper
104 100
78 48.8 39.3 58.9
103 54.2 43.5 65.3





#71

Bromoform

Concen: 51.574 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014773.D

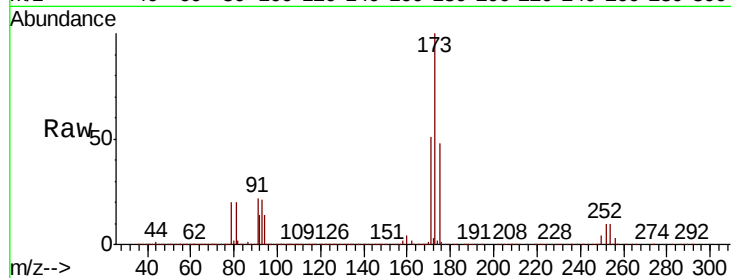
Acq: 30 Jan 2020 17:47

Instrument :

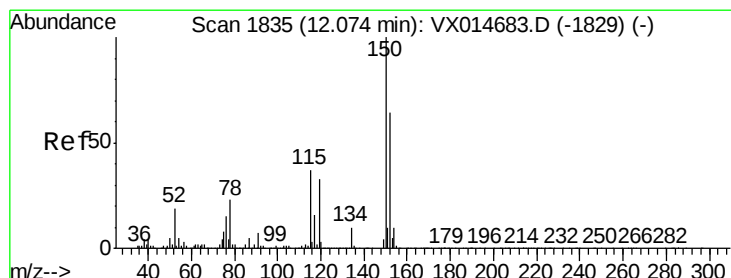
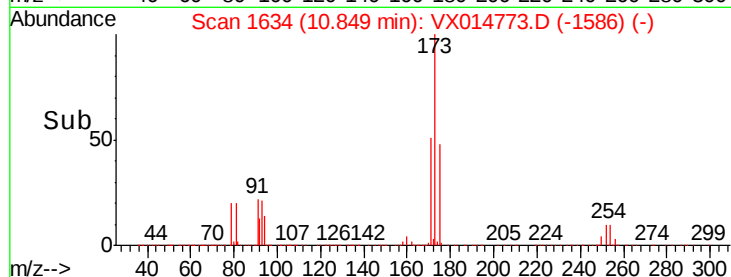
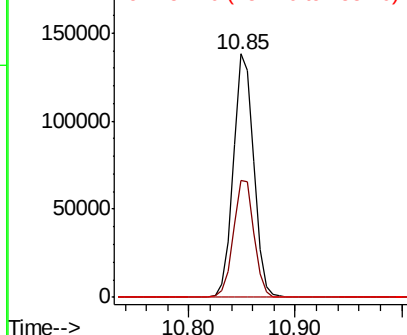
MSVOA_X

ClientSampleId :

Tot Ion:	173	Resp:	186121
Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.2	0.1	0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

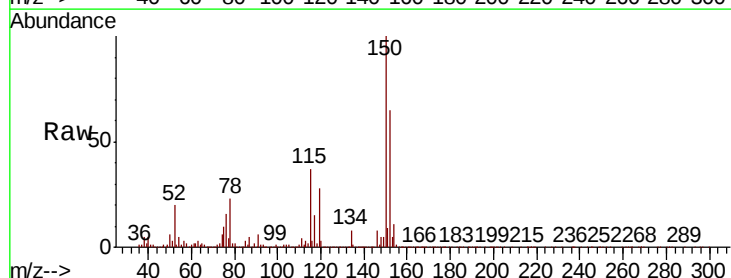
RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

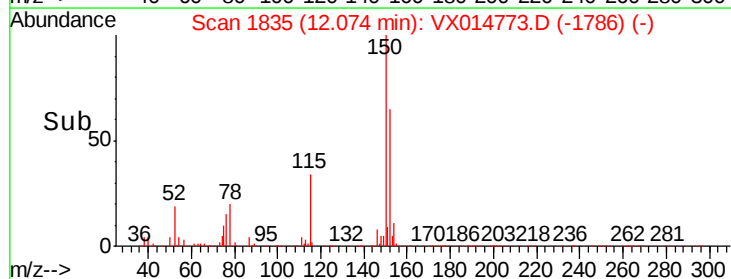
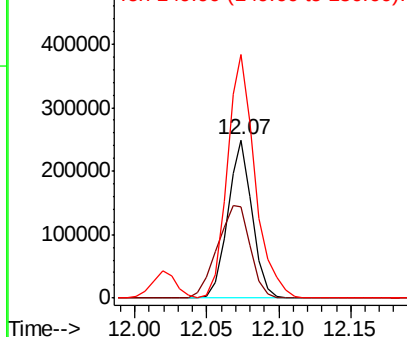
Lab File: VX014773.D

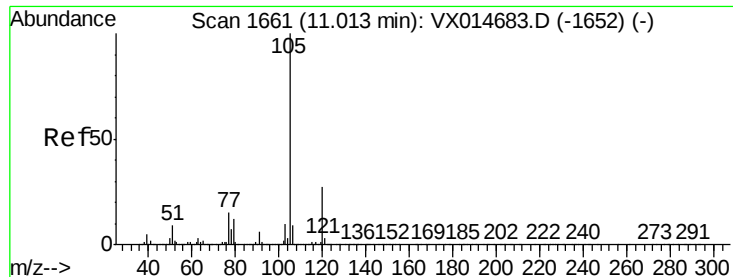
Acq: 30 Jan 2020 17:47

Tgt Ion:	152	Resp:	294801
Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.4	118.1
150	175.1	0.0	351.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.382 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

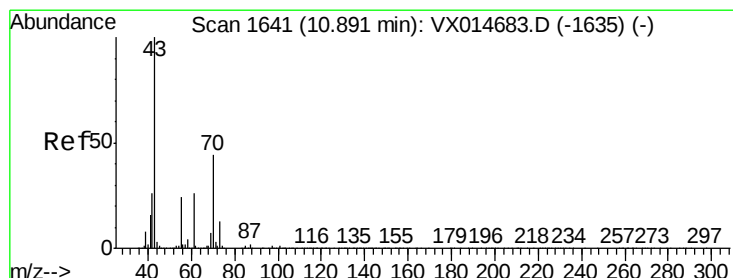
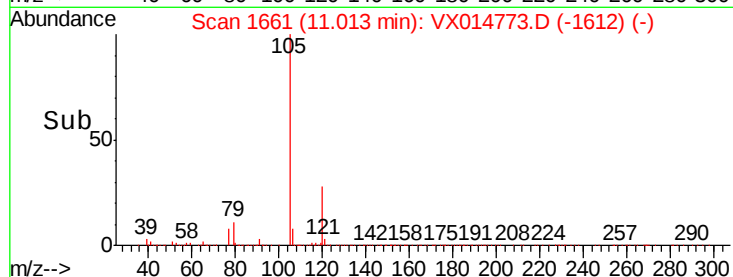
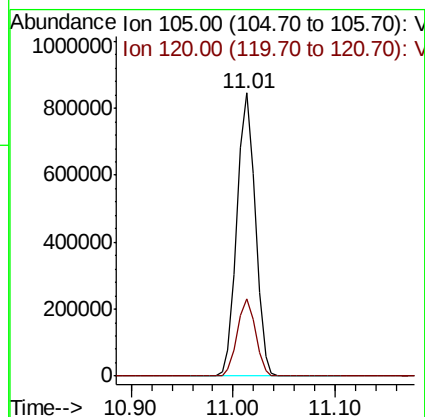
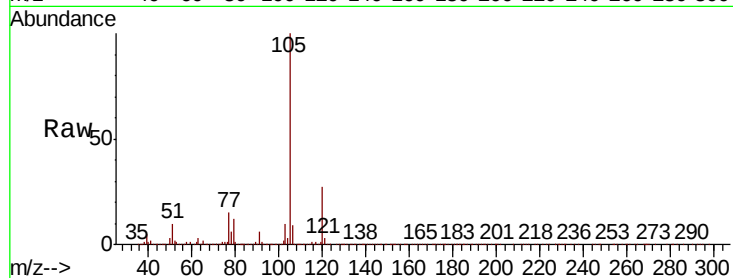
ClientSampleId :

Tot Ion:105 Resp: 1044337

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#74

N-ethyl acetate

Concen: 49.537 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion: 43 Resp: 449965

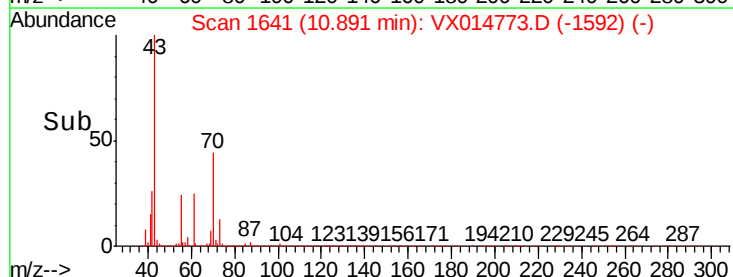
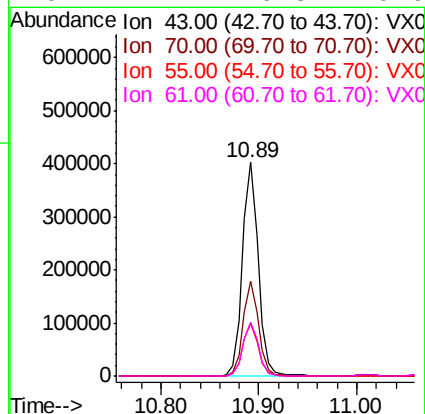
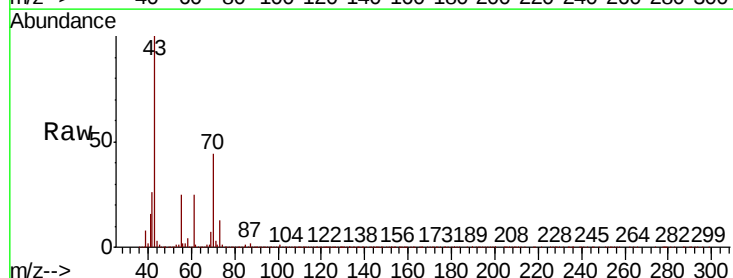
Ion Ratio Lower Upper

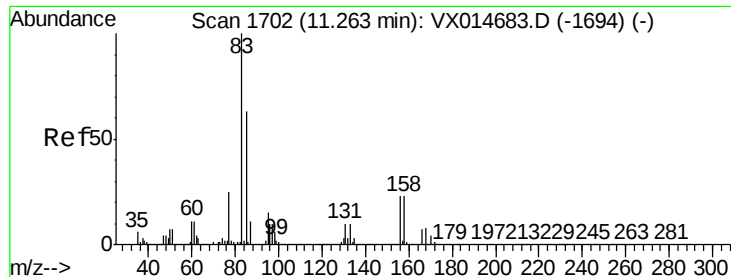
43 100

70 43.4 34.6 52.0

55 24.7 19.4 29.2

61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.398 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

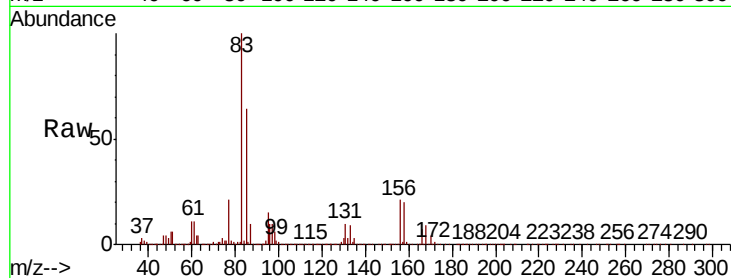
Tot Ion: 83 Resp: 335992

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

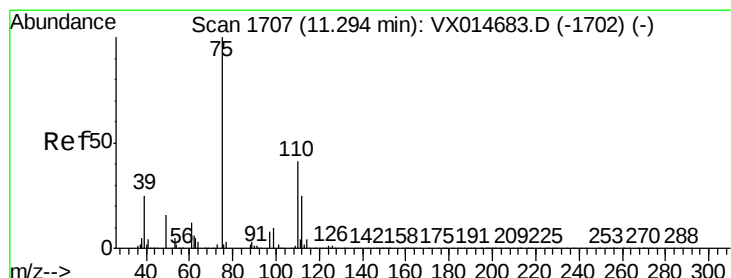
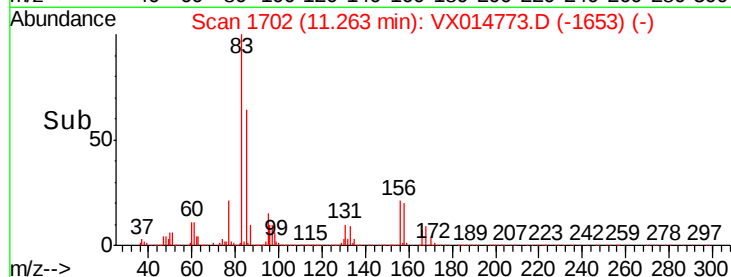
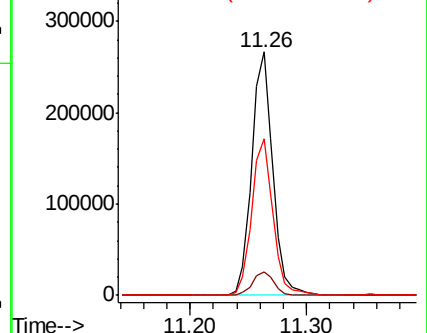
85 65.2 31.7 95.1



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: 57.999 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014773.D

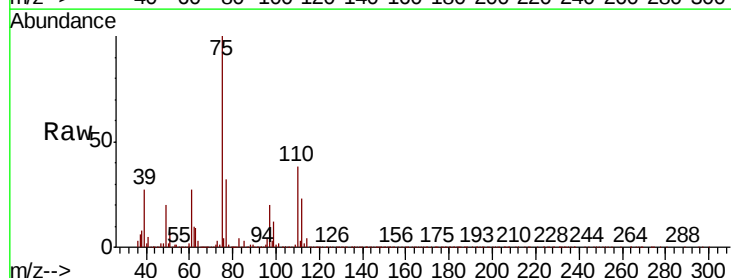
Acq: 30 Jan 2020 17:47

Tgt Ion: 75 Resp: 397803

Ion Ratio Lower Upper

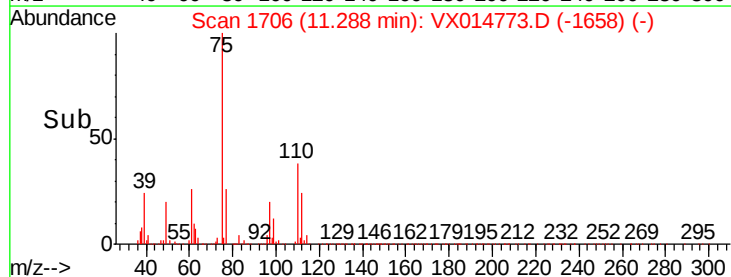
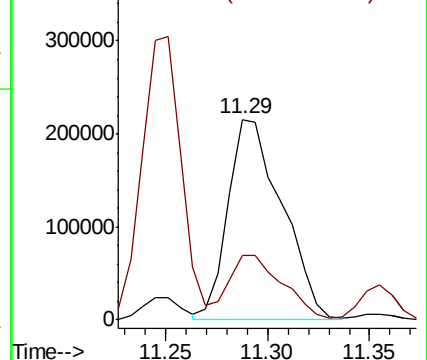
75 100

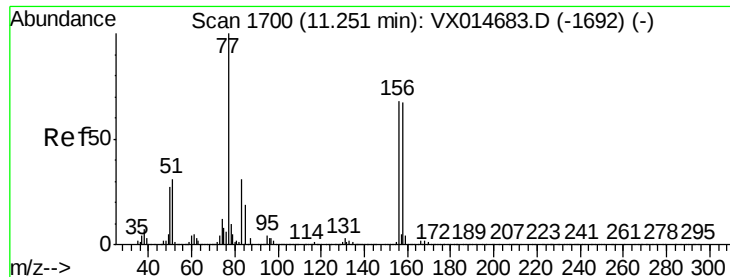
77 32.1 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.816 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampleId :

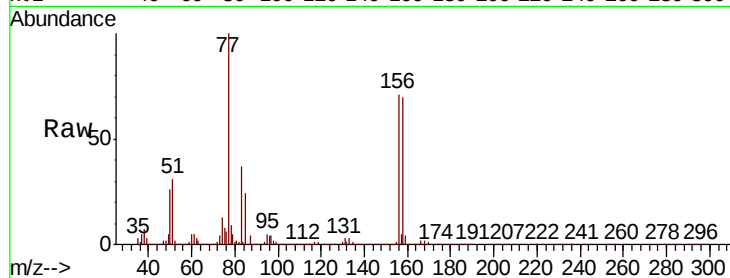
Tot Ion:156 Resp: 271840

Ion Ratio Lower Upper

156 100

77 149.5 77.5 232.5

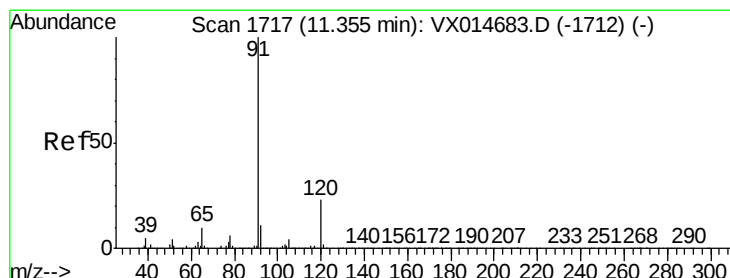
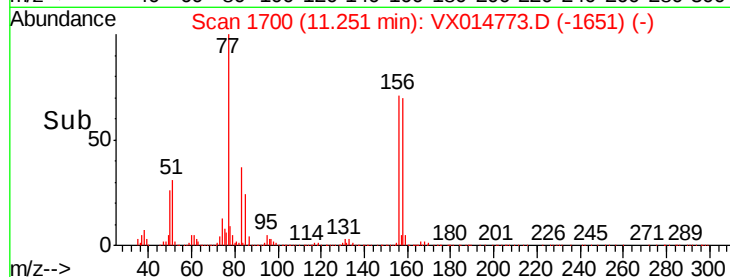
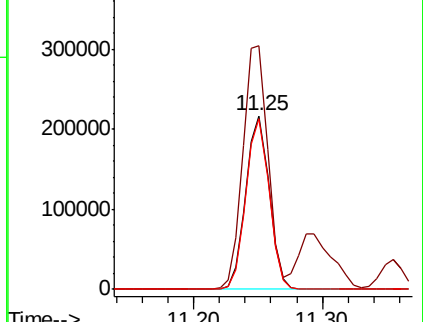
158 97.8 49.1 147.3



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: 51.549 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014773.D

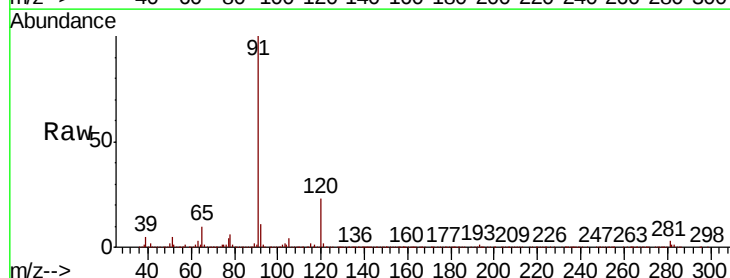
Acq: 30 Jan 2020 17:47

Tgt Ion: 91 Resp: 1212875

Ion Ratio Lower Upper

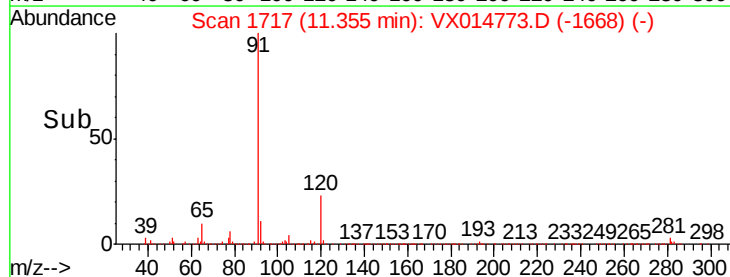
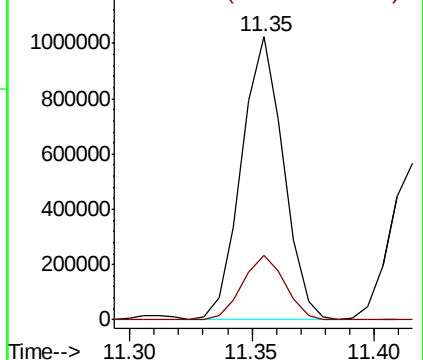
91 100

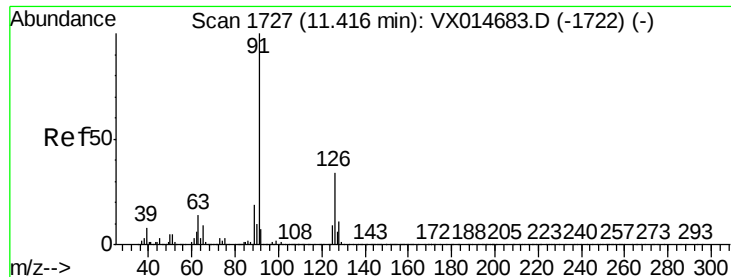
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

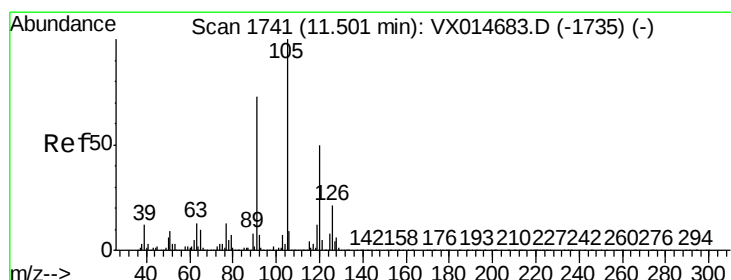
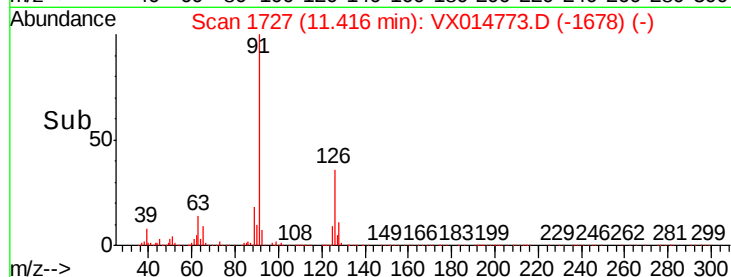
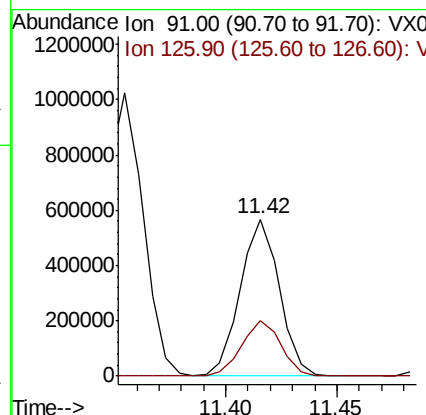
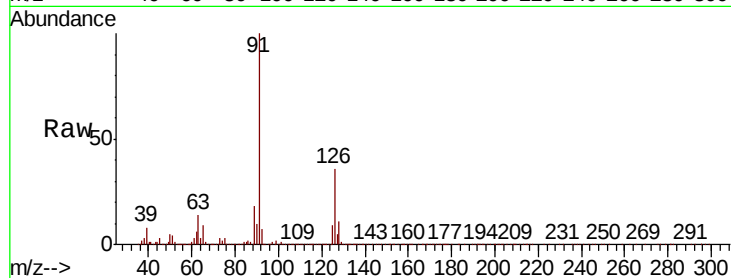




#79
2-Chlorotoluene
Concen: 48.765 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

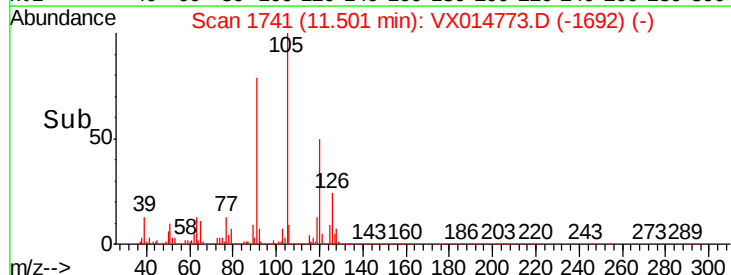
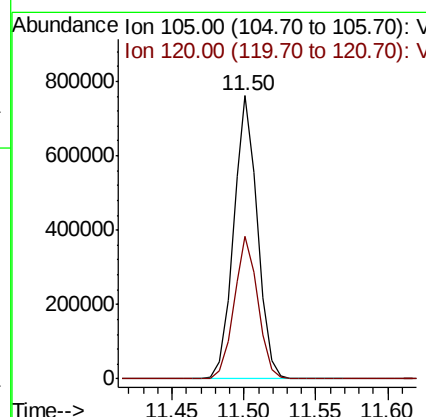
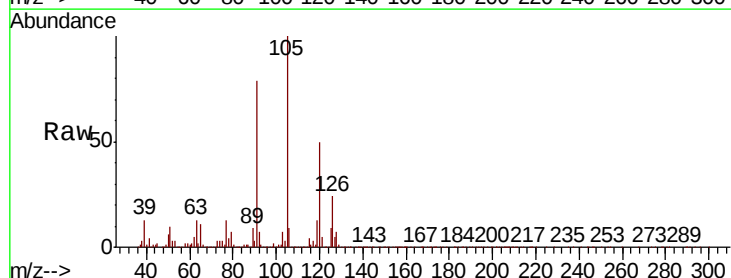
Instrument :
MSVOA_X
ClientSampled :

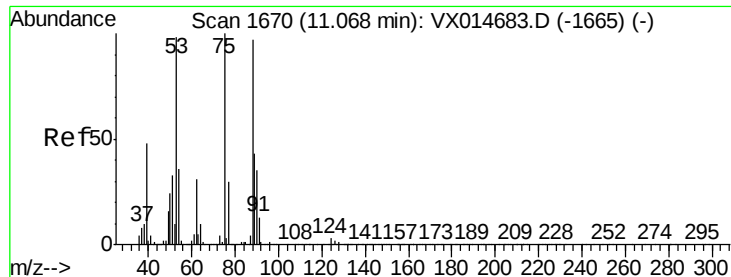
Tot Ion: 91 Resp: 694241
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 51.097 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion: 105 Resp: 879068
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6

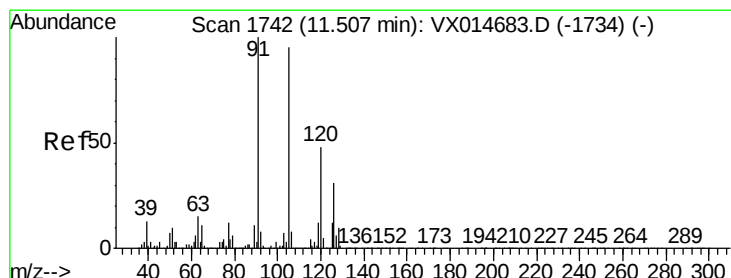
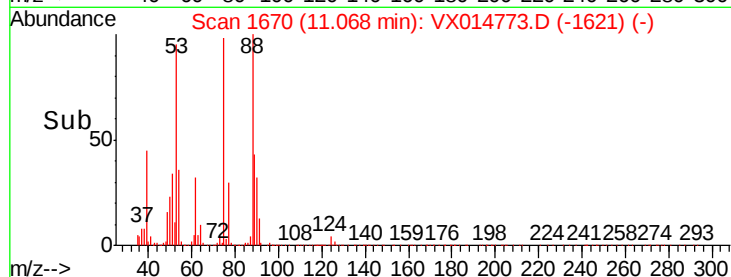
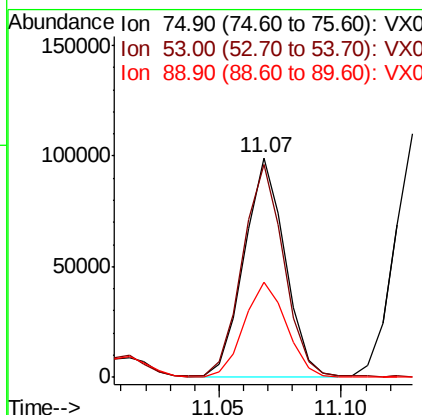
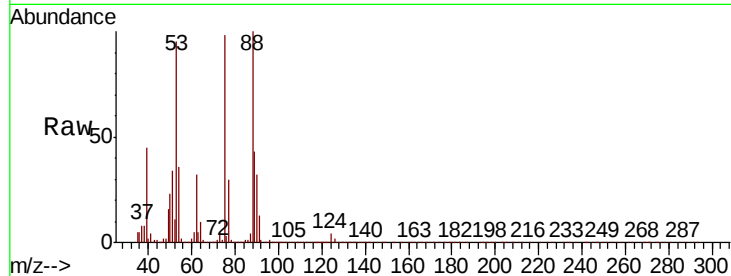




#81
trans-1,4-Dichloro-2-butene
Concen: 47.742 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

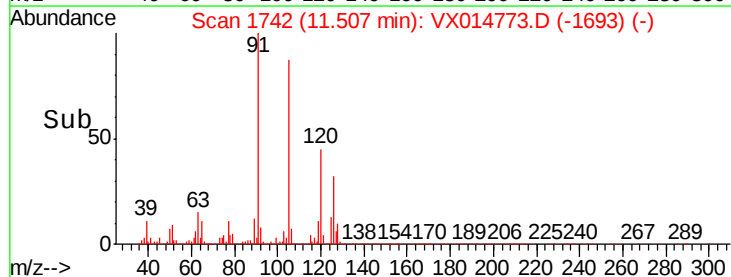
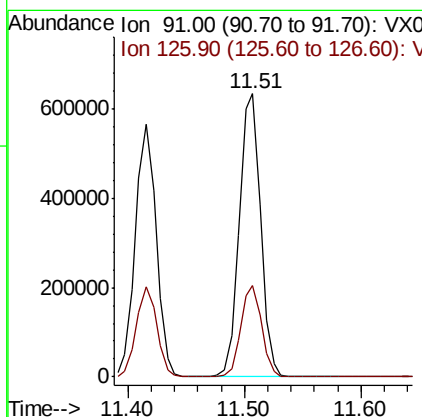
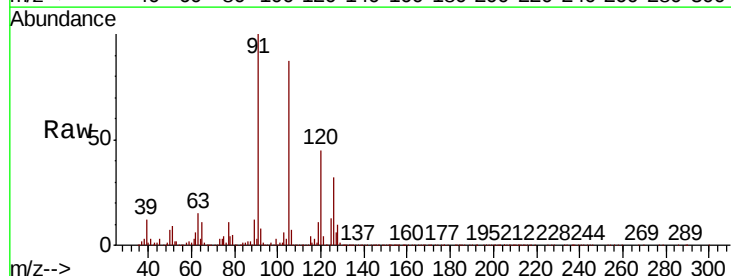
Instrument :
MSVOA_X
ClientSampled :

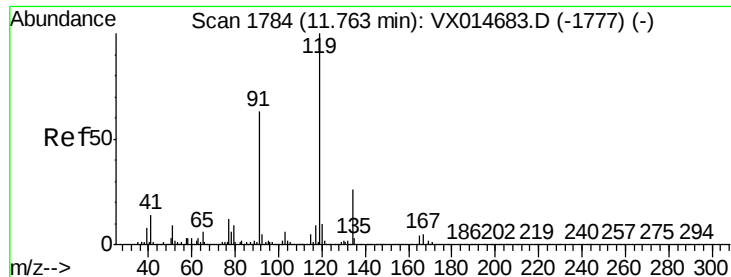
Tot Ion	Ratio	Lower	Upper
75	100		
53	98.6	78.8	118.2
89	44.7	35.4	53.0



#82
4-Chlorotoluene
Concen: 50.065 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4

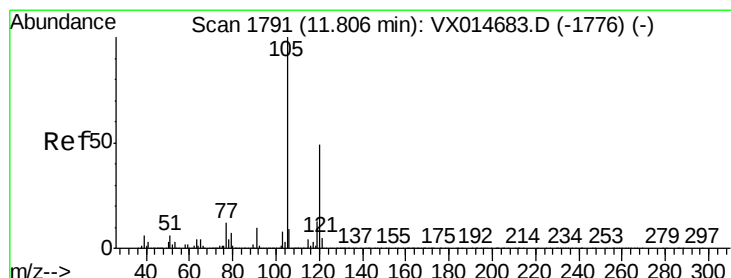
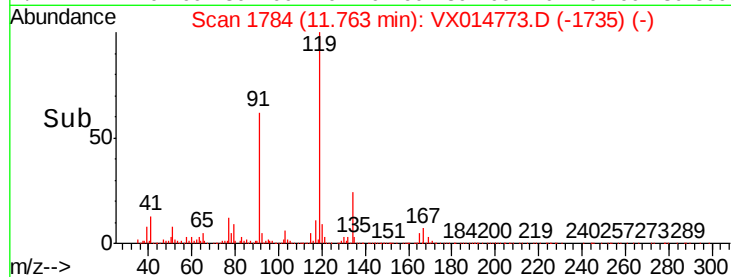
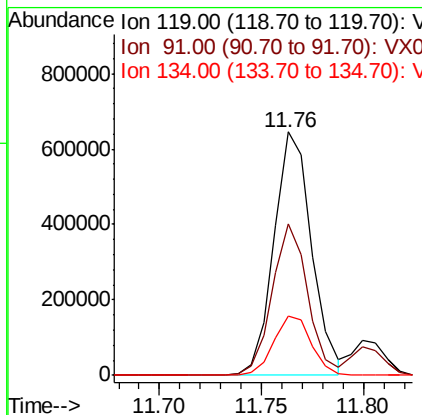
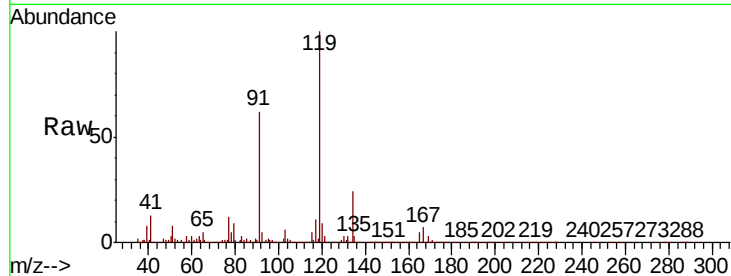




#83
tert-Butylbenzene
Concen: 51.450 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

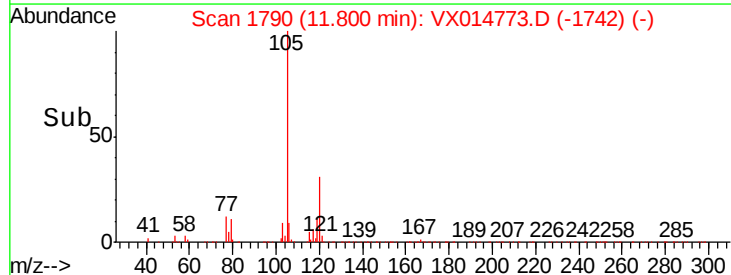
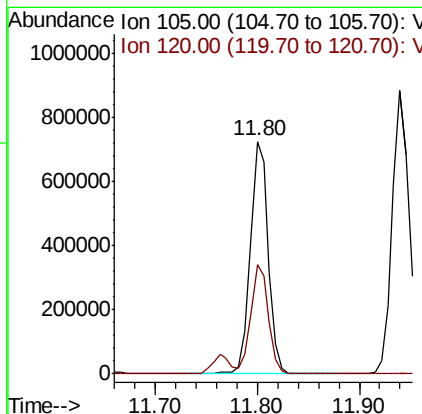
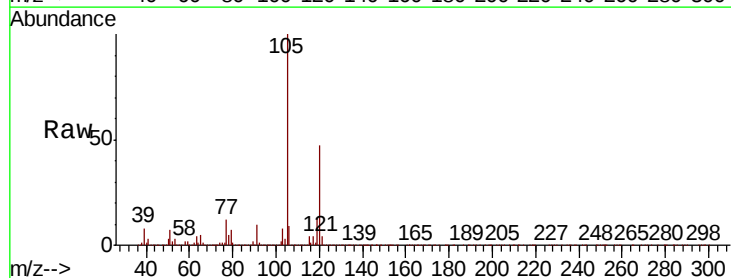
Instrument :
MSVOA_X
ClientSampleId :

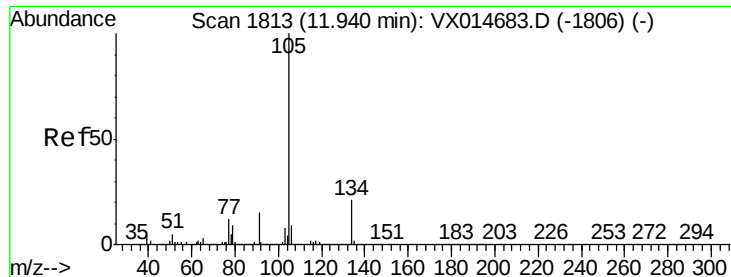
Tot Ion:119 Resp: 831744
Ion Ratio Lower Upper
119 100
91 58.5 30.0 90.0
134 24.4 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 51.312 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion:105 Resp: 885450
Ion Ratio Lower Upper
105 100
120 46.0 23.4 70.0

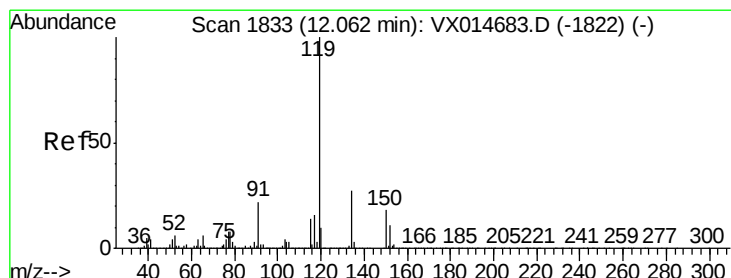
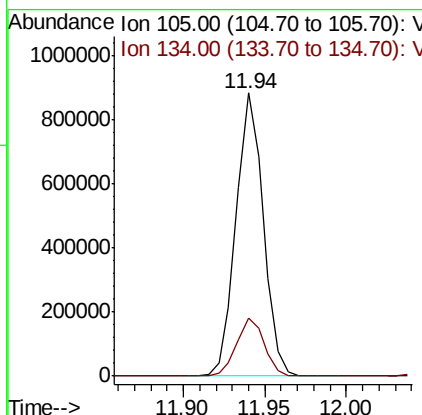
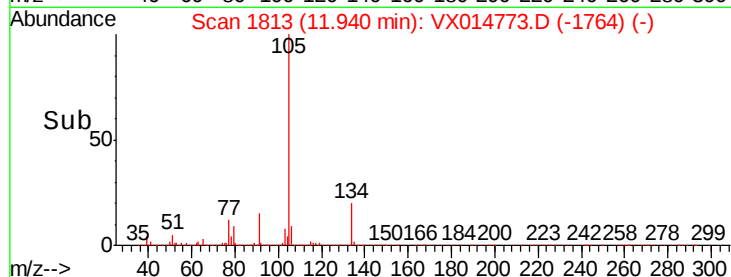
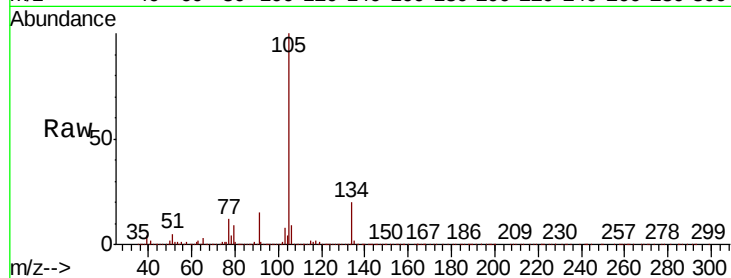




#85
 sec-Butylbenzene
 Concen: 51.925 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

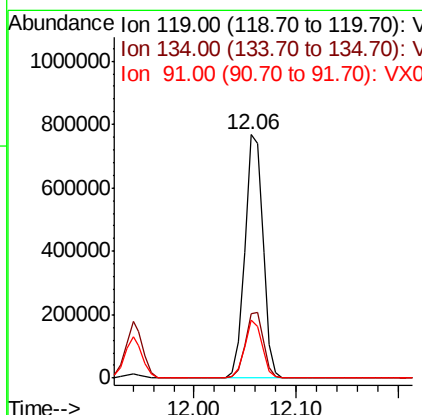
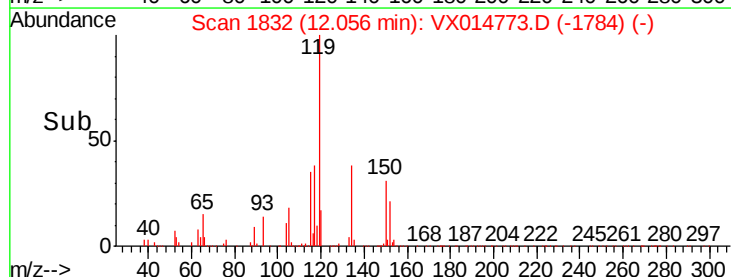
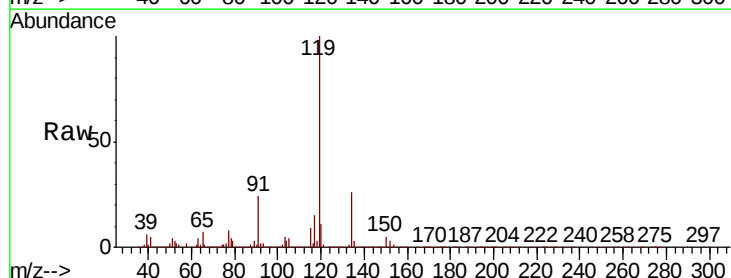
Instrument :
 MSVOA_X
 ClientSampleId :

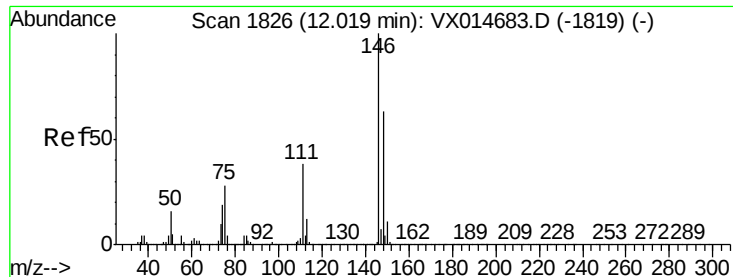
Tot Ion:105 Resp: 1028353
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 51.421 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion:119 Resp: 941126
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.8 11.3 33.8

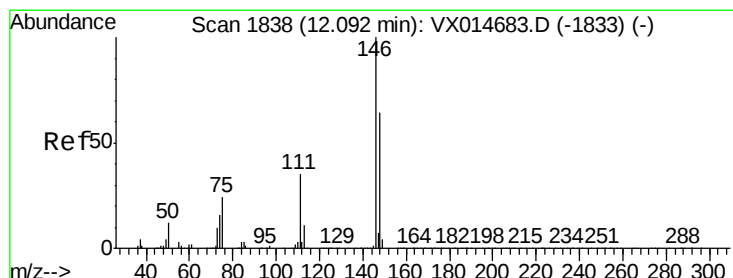
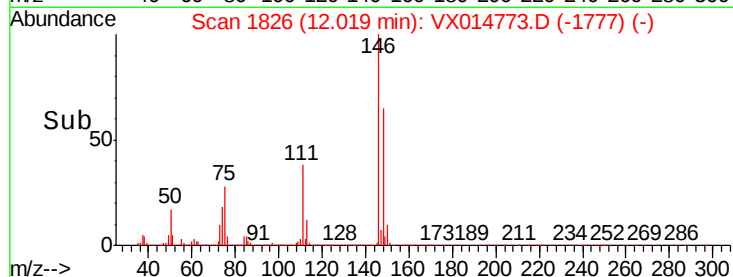
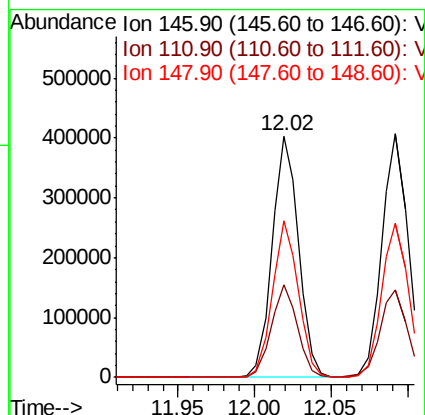
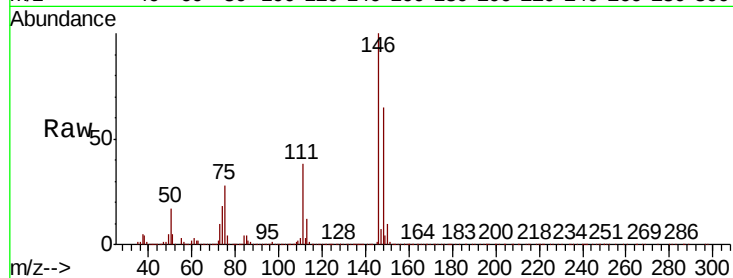




#87
 1,3-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

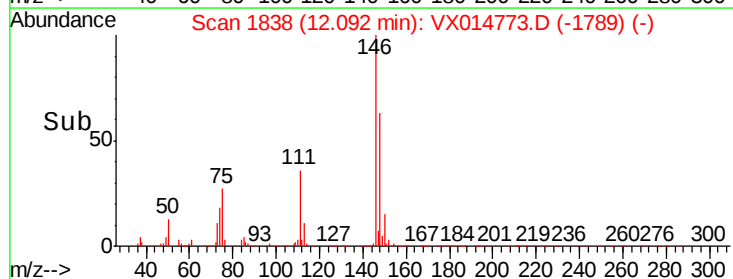
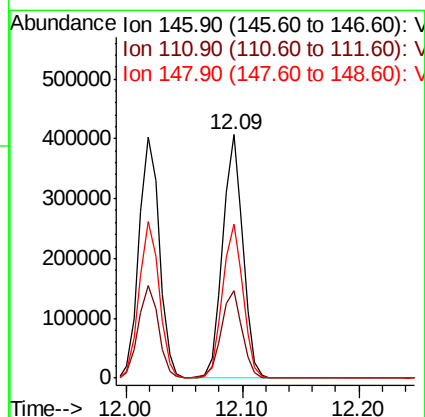
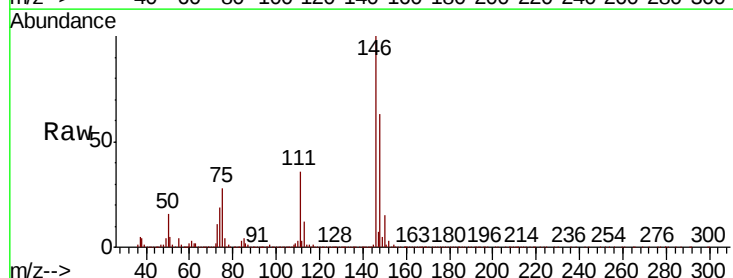
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	63.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.113 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.4	32.0	96.2





#89

n-Butylbenzene

Concen: 52.275 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampled :

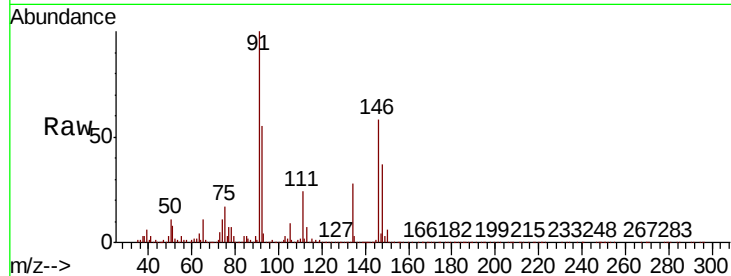
Tot Ion: 91 Resp: 833281

Ion Ratio Lower Upper

91 100

92 54.7 27.6 82.7

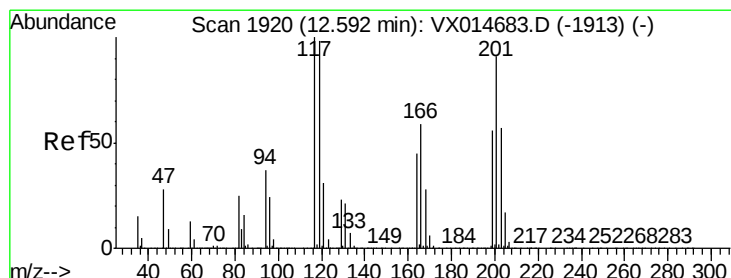
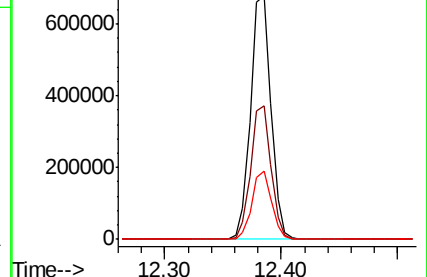
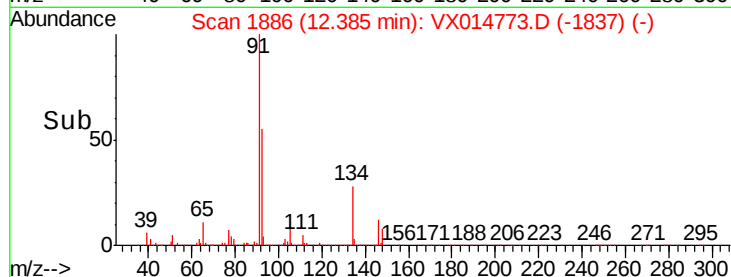
134 26.9 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 49.366 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014773.D

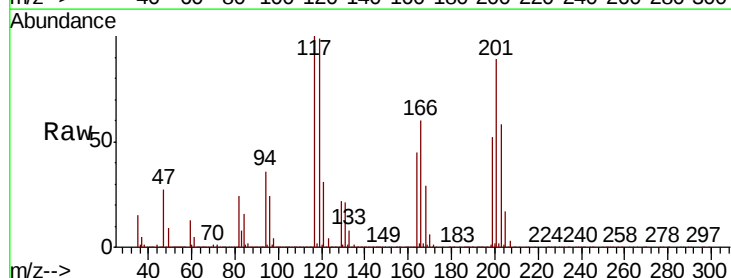
Acq: 30 Jan 2020 17:47

Tgt Ion: 117 Resp: 167822

Ion Ratio Lower Upper

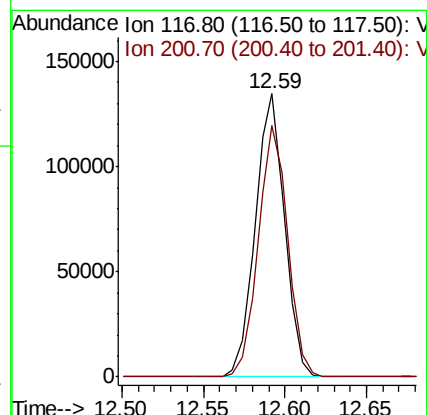
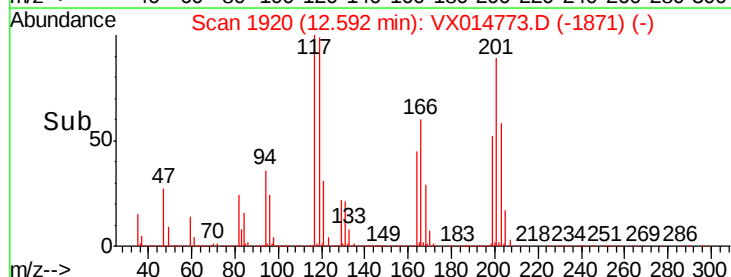
117 100

201 89.2 44.4 133.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 48.636 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014773.D

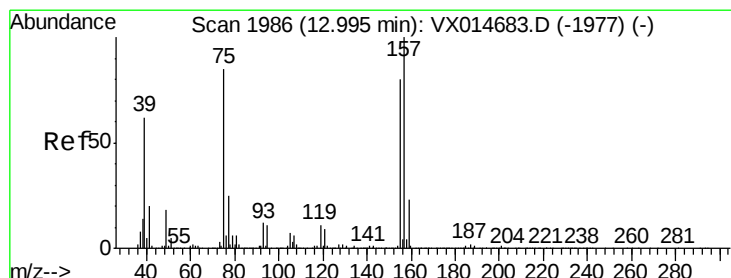
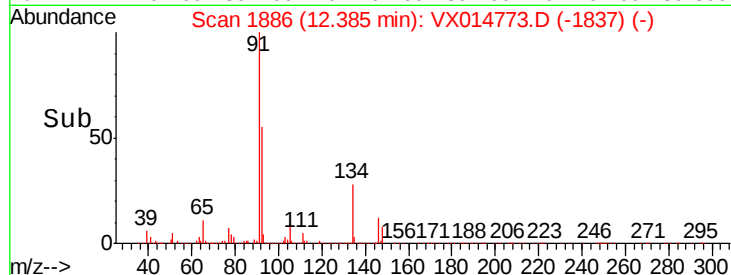
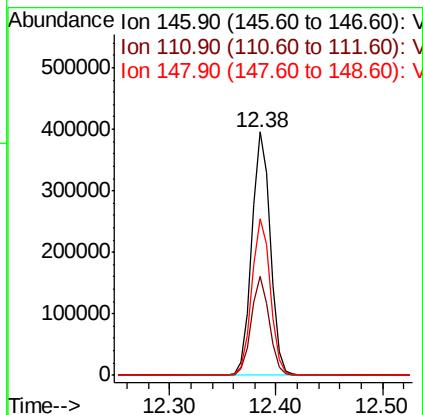
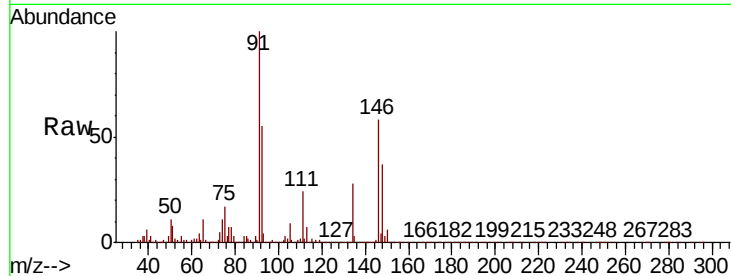
Acq: 30 Jan 2020 17:47

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	483426
Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	64.4	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.423 ug/l

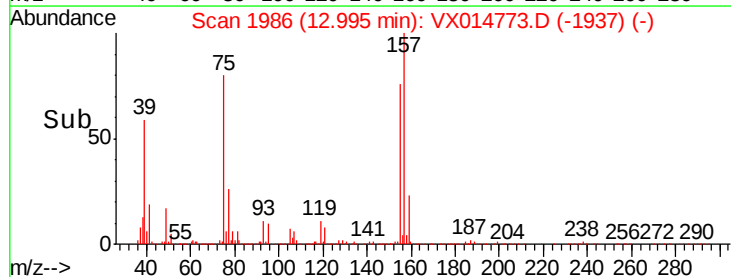
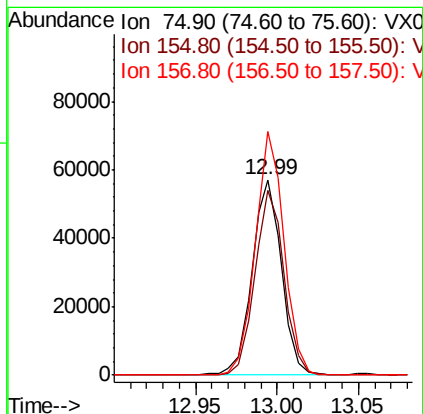
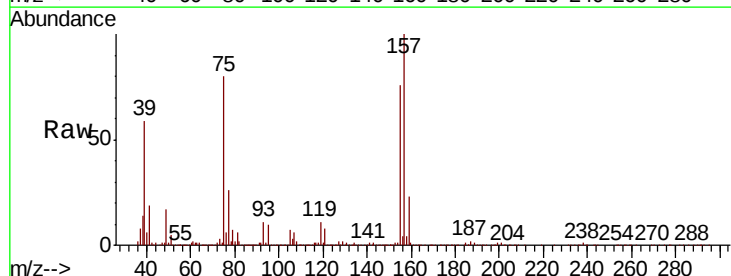
RT: 12.99 min Scan# 1986

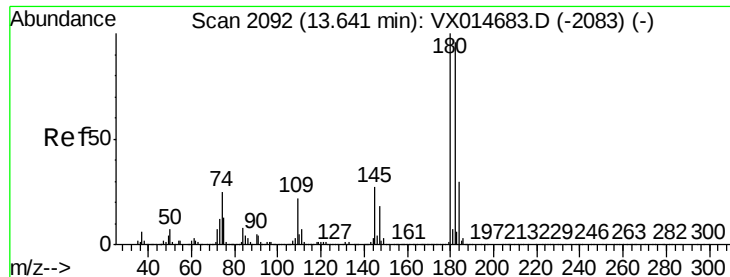
Delta R.T. 0.00 min

Lab File: VX014773.D

Acq: 30 Jan 2020 17:47

Tgt Ion:	75	Resp:	70637
Ion	Ratio	Lower	Upper
75	100		
155	95.1	45.6	136.9
157	123.5	60.3	180.9

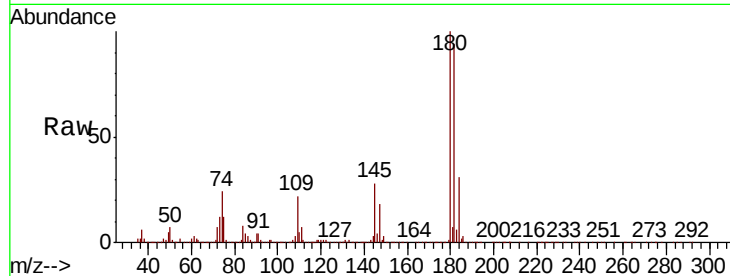




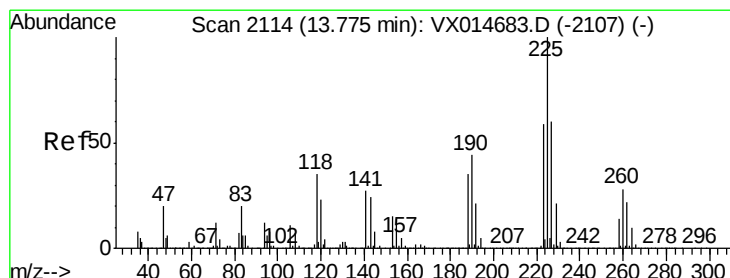
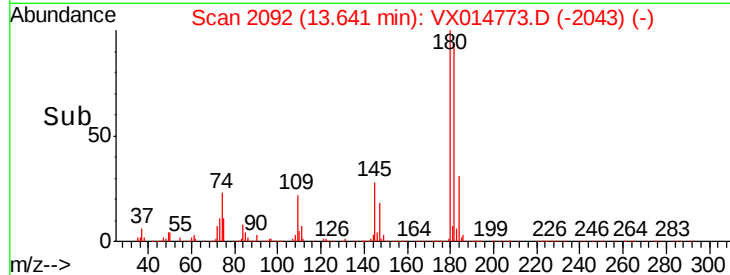
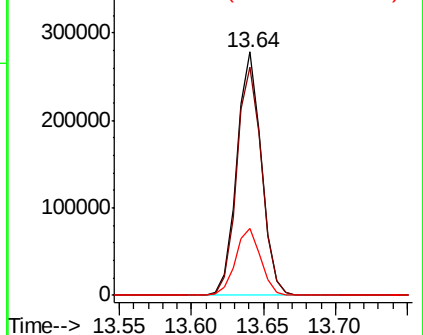
#93
 1,2,4-Trichlorobenzene
 Concen: 51.555 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.5	145.6
145	28.3	14.0	41.9

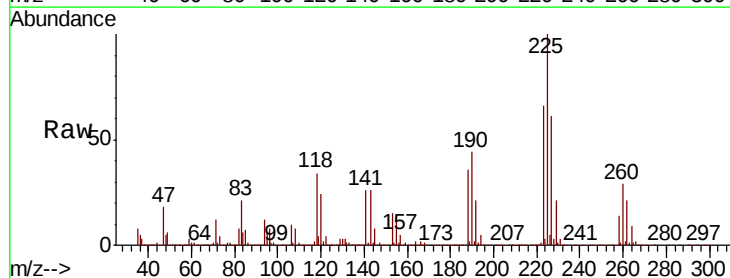


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

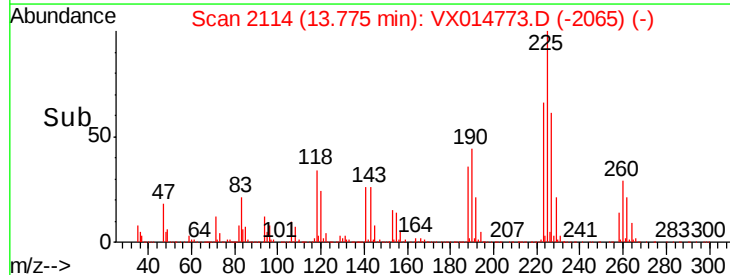
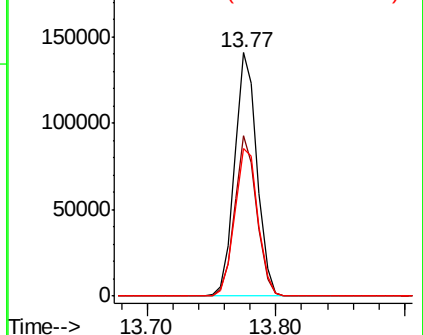


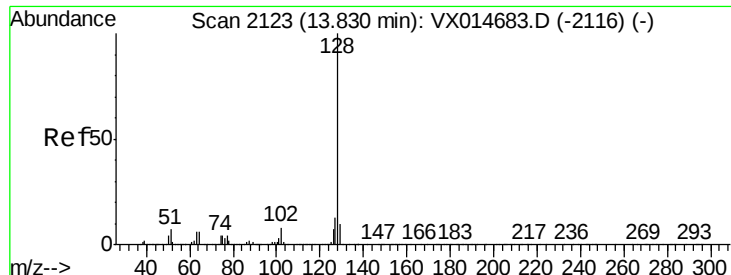
#94
 Hexachlorobutadiene
 Concen: 51.535 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014773.D
 Acq: 30 Jan 2020 17:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	30.6	91.8
227	63.5	31.4	94.0



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

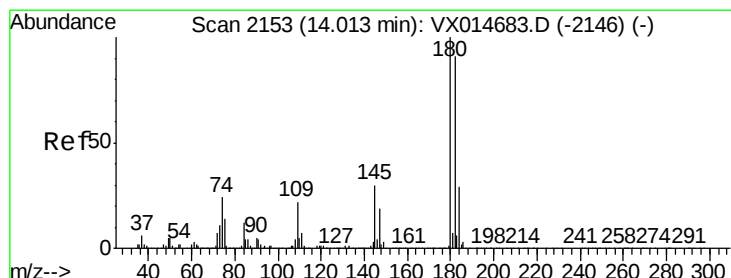
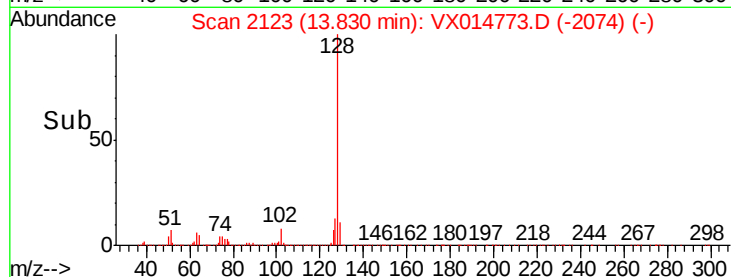
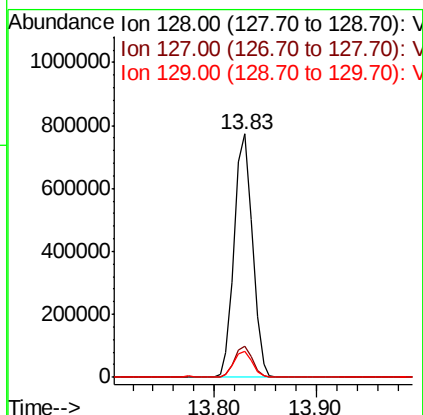
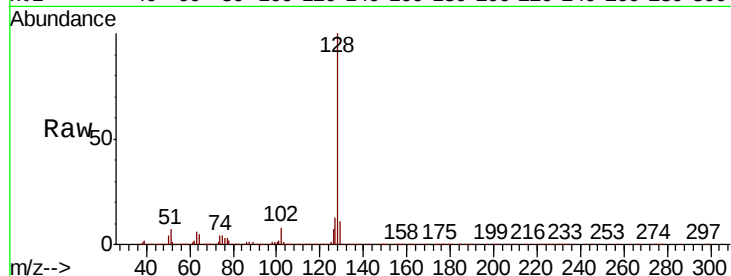




#95
Naphthalene
Concen: 46.148 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 952130
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.798 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014773.D
Acq: 30 Jan 2020 17:47

Tgt Ion:180 Resp: 329163
Ion Ratio Lower Upper
180 100
182 95.3 46.6 139.7
145 29.8 14.7 44.1

