

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014981.D
 Acq On : 20 Feb 2020 16:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:35:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	646150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	599822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	317789	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	233848	47.32	ug/l	-0.01
Spiked Amount						
			Recovery	=		94.64%
35) Dibromofluoromethane	5.48	113	195886	49.31	ug/l	0.00
Spiked Amount						
			Recovery	=		98.62%
50) Toluene-d8	8.71	98	745715	49.18	ug/l	0.00
Spiked Amount						
			Recovery	=		98.36%
62) 4-Bromofluorobenzene	11.13	95	272683	49.92	ug/l	0.00
Spiked Amount						
			Recovery	=		99.84%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	202523	48.834	ug/l	100
3) Chloromethane	1.32	50	219690	46.724	ug/l	100
4) Vinyl Chloride	1.40	62	236433	46.679	ug/l	97
5) Bromomethane	1.63	94	158010	48.195	ug/l	97
6) Chloroethane	1.72	64	150885	46.556	ug/l	98
7) Trichlorofluoromethane	1.92	101	346191	48.919	ug/l	98
8) Diethyl Ether	2.18	74	140589	47.907	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201654	49.091	ug/l	100
10) Methyl Iodide	2.50	142	229690	50.143	ug/l	98
11) Tert butyl alcohol	3.02	59	213343	244.482	ug/l	100
12) 1,1-Dichloroethene	2.36	96	190824	47.540	ug/l	99
13) Acrolein	2.28	56	136468	205.188	ug/l	100
14) Allyl chloride	2.72	41	332864	46.772	ug/l	99
15) Acrylonitrile	3.12	53	549455	248.376	ug/l	99
16) Acetone	2.43	43	557769	208.269	ug/l	99
17) Carbon Disulfide	2.56	76	483214	43.086	ug/l	100
18) Methyl Acetate	2.76	43	256770	51.585	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	658556	50.412	ug/l	99
20) Methylene Chloride	2.84	84	219772	46.226	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	207132	46.766	ug/l	99
22) Diisopropyl ether	3.84	45	691007	50.838	ug/l	93
23) Vinyl Acetate	3.80	43	2946632	262.980	ug/l	99
24) 1,1-Dichloroethane	3.69	63	378133	49.293	ug/l	99
25) 2-Butanone	4.65	43	794241	236.050	ug/l	99
26) 2,2-Dichloropropane	4.57	77	319732	48.364	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	242113	48.902	ug/l	99
28) Bromochloromethane	5.00	49	144491	48.594	ug/l	99
29) Tetrahydrofuran	5.11	42	481346	251.654	ug/l	99
30) Chloroform	5.19	83	381217	50.088	ug/l	97
31) Cyclohexane	5.56	56	332174	47.542	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	324073	48.676	ug/l	99
36) 1,1-Dichloropropene	5.79	75	284809	49.275	ug/l	99
37) Ethyl Acetate	4.81	43	305919	50.746	ug/l	99
38) Carbon Tetrachloride	5.77	117	281903	50.047	ug/l	97

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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)
39) Methylcyclohexane	7.45	83	353746	48.936	ug/l	98
40) Benzene	6.13	78	846802	49.034	ug/l	97
41) Methacrylonitrile	5.02	41	170524	52.507	ug/l	98
42) 1,2-Dichloroethane	6.18	62	308249	49.385	ug/l	100
43) Isopropyl Acetate	6.42	43	510499	51.334	ug/l	99
44) Trichloroethene	7.20	130	242251	48.321	ug/l	99
45) 1,2-Dichloropropane	7.50	63	220681	50.106	ug/l	98
46) Dibromomethane	7.65	93	146765	48.750	ug/l	99
47) Bromodichloromethane	7.89	83	298271	49.967	ug/l	99
48) Methyl methacrylate	7.76	41	252149	51.521	ug/l	100
49) 1,4-Dioxane	7.73	88	91956	1004.930	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	1541911	256.778	ug/l	100
52) Toluene	8.78	92	545043	49.691	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	332445	50.817	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	367216	50.811	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	222619	50.165	ug/l	98
56) Ethyl methacrylate	9.17	69	349675	52.423	ug/l	99
57) 1,3-Dichloropropane	9.36	76	373935	50.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	891795	255.644	ug/l	100
59) 2-Hexanone	9.48	43	1181406	250.304	ug/l	99
60) Dibromochloromethane	9.57	129	244773	51.254	ug/l	97
61) 1,2-Dibromoethane	9.67	107	237354	49.571	ug/l	98
64) Tetrachloroethene	9.33	164	243981	43.505	ug/l	98
65) Chlorobenzene	10.13	112	595820	48.974	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	226714	51.330	ug/l	100
67) Ethyl Benzene	10.25	91	1054427	50.962	ug/l	99
68) m/p-Xylenes	10.36	106	798948	100.236	ug/l	100
69) o-Xylene	10.69	106	392399	51.214	ug/l	98
70) Styrene	10.70	104	671762	51.825	ug/l	100
71) Bromoform	10.85	173	195081	52.915	ug/l	99
73) Isopropylbenzene	11.01	105	1046643	52.519	ug/l	100
74) N-amyl acetate	10.89	43	447804	54.079	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	335792	51.545	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	391350	68.100	ug/l	92
77) Bromobenzene	11.25	156	280648	50.455	ug/l	97
78) n-propylbenzene	11.35	91	1197626	51.958	ug/l	99
79) 2-Chlorotoluene	11.42	91	692049	51.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	881899	52.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113876	50.723	ug/l	97
82) 4-Chlorotoluene	11.50	91	818698	51.018	ug/l	100
83) tert-Butylbenzene	11.76	119	863960	54.790	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	885042	52.740	ug/l	100
85) sec-Butylbenzene	11.94	105	1031426	52.654	ug/l	99
86) p-Isopropyltoluene	12.06	119	968015	52.808	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	496419	49.747	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	498123	48.882	ug/l	99
89) n-Butylbenzene	12.38	91	843329	51.368	ug/l	99
90) Hexachloroethane	12.59	117	172308	53.825	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	496722	50.759	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	73301	47.961	ug/l	99

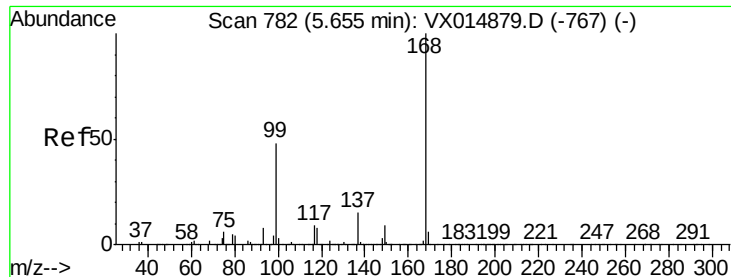
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	365565	50.611	ug/l	98
94) Hexachlorobutadiene	13.78	225	178773	51.171	ug/l	99
95) Naphthalene	13.83	128	1032966	53.787	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	355724	50.975	ug/l	99

(#) = 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: VX014981.D

Acq: 20 Feb 2020 16:50

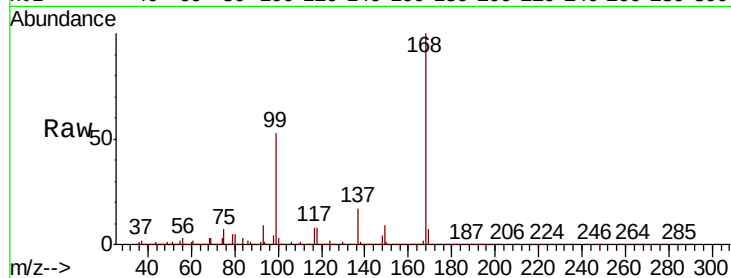
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 437923

Ion Ratio Lower Upper

168 100

99 52.5 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

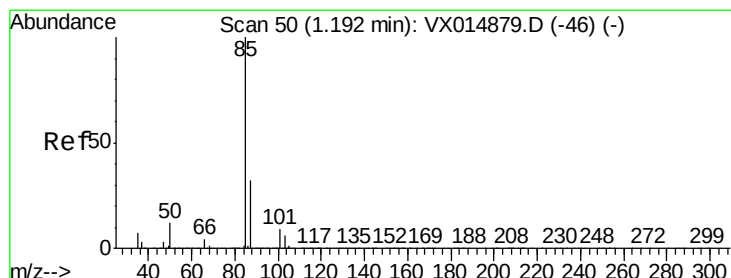
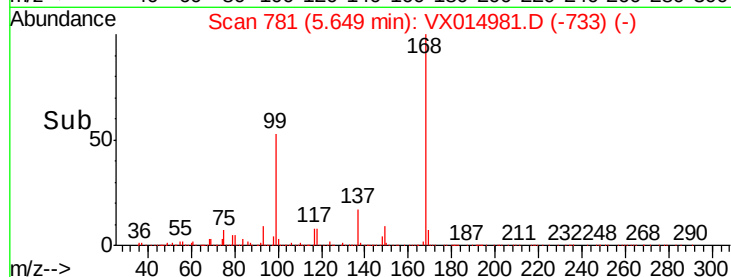
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.834 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014981.D

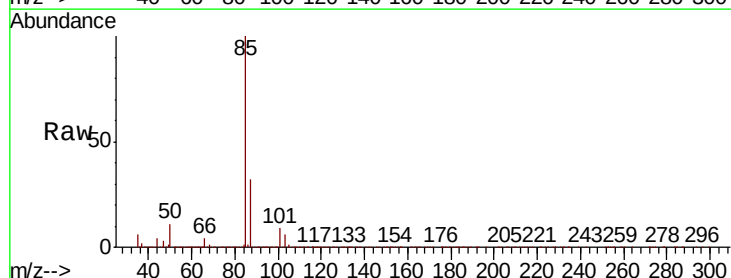
Acq: 20 Feb 2020 16:50

Tgt Ion: 85 Resp: 202523

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

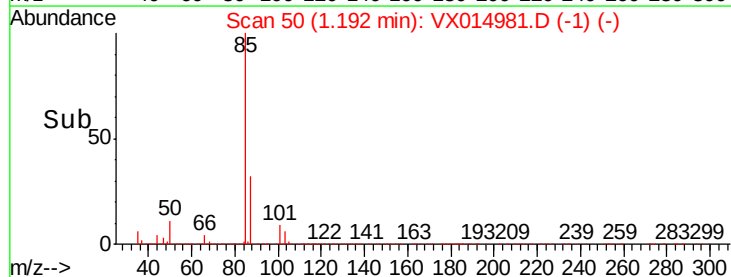
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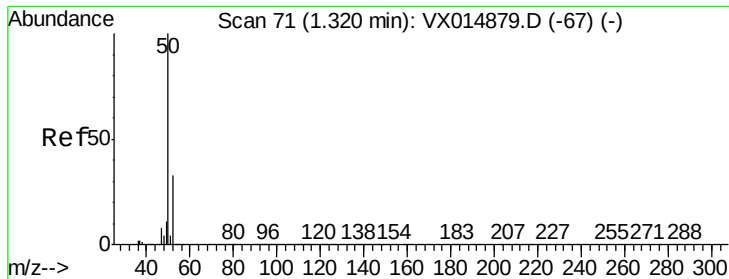
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 46.724 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

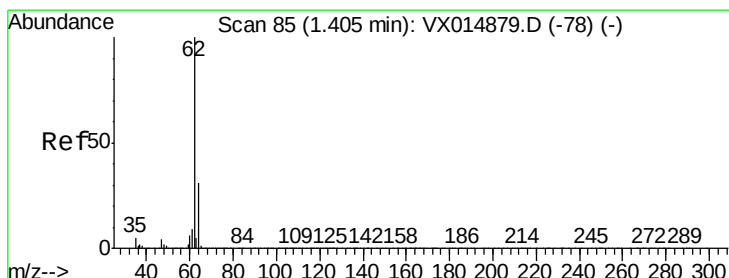
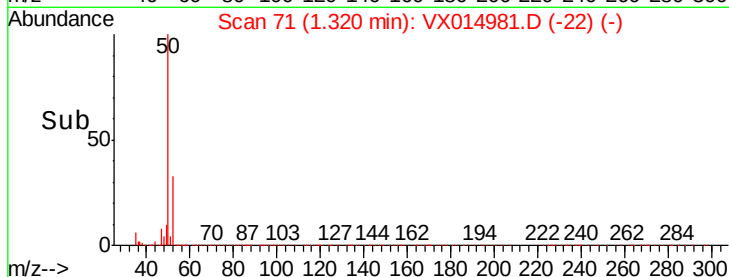
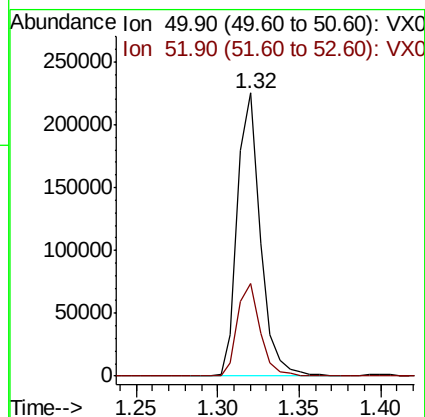
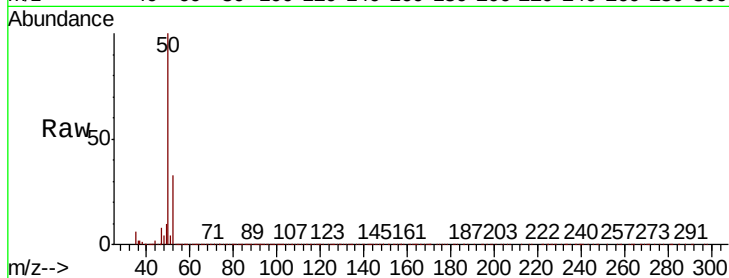
ClientSampleId :

Tot Ion: 50 Resp: 219690

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 46.679 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014981.D

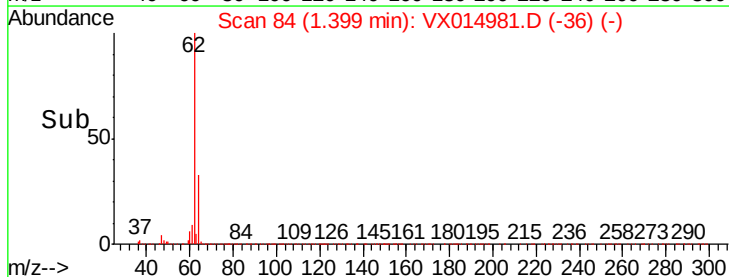
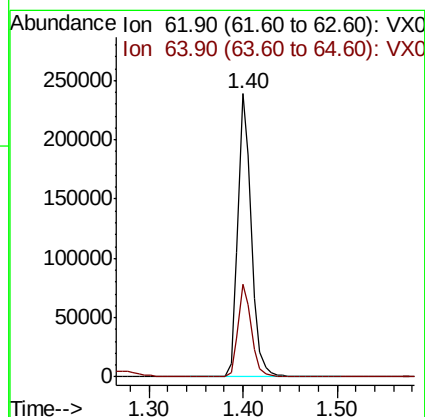
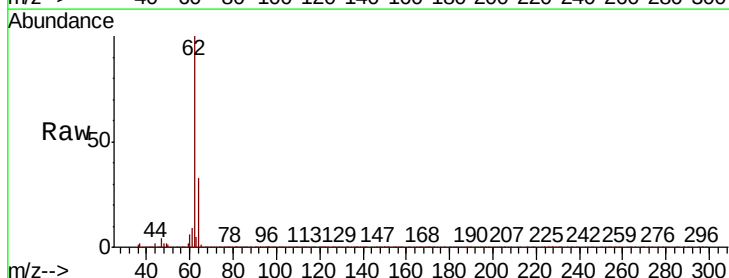
Acq: 20 Feb 2020 16:50

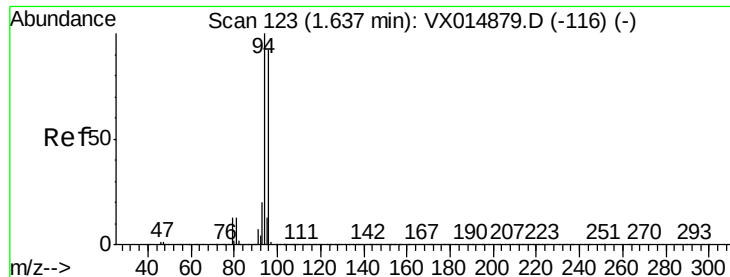
Tgt Ion: 62 Resp: 236433

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 48.195 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

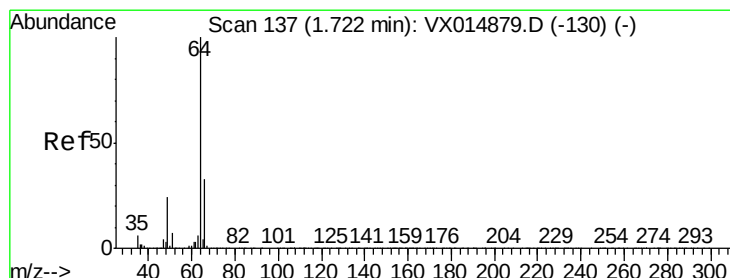
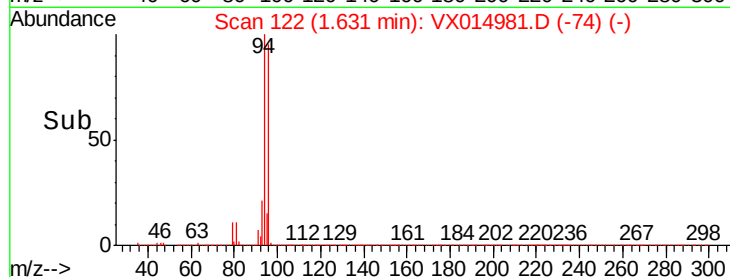
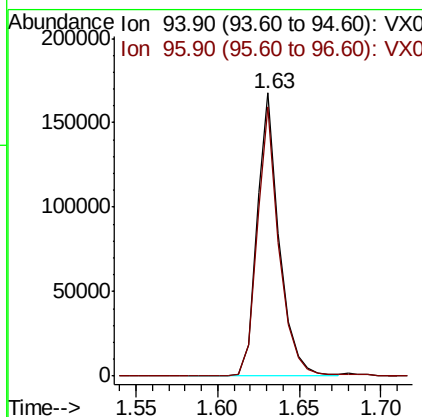
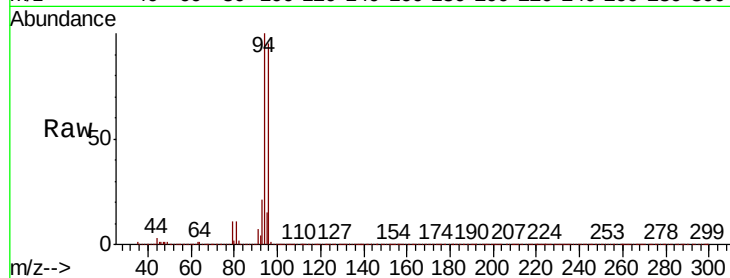
ClientSampleId :

Tot Ion: 94 Resp: 158010

Ion Ratio Lower Upper

94 100

96 94.9 73.7 110.5



#6

Chloroethane

Concen: 46.556 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014981.D

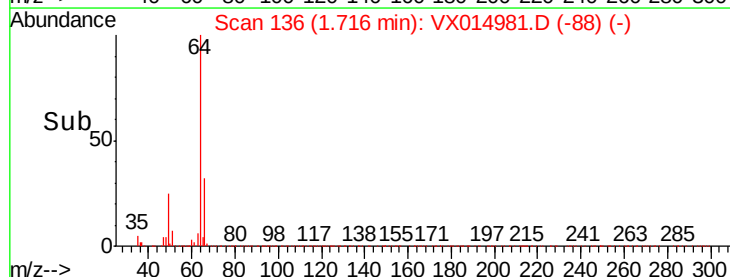
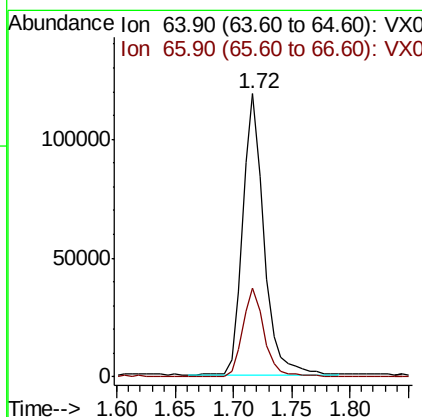
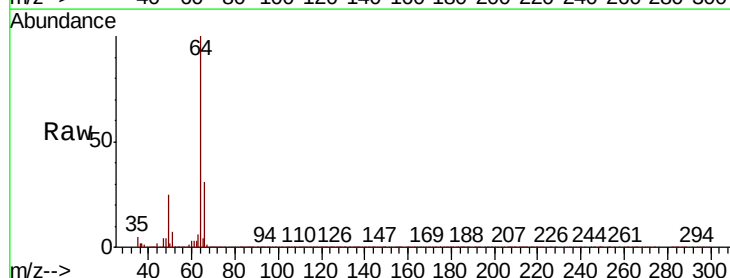
Acq: 20 Feb 2020 16:50

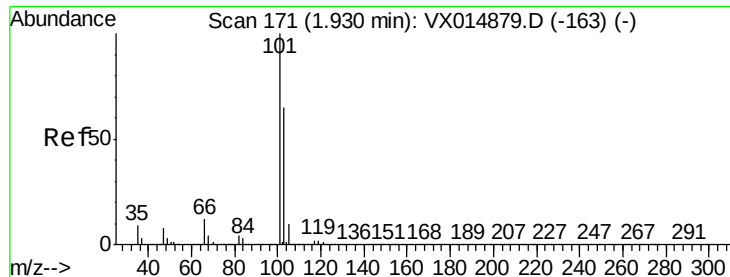
Tgt Ion: 64 Resp: 150885

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4



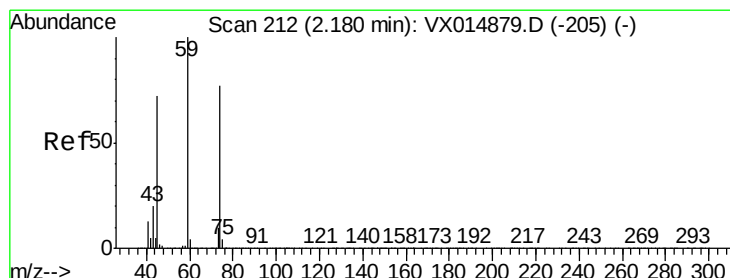
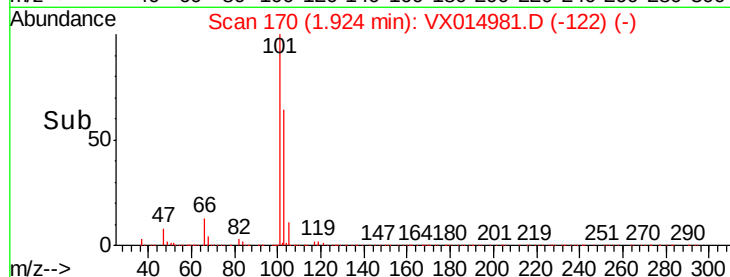
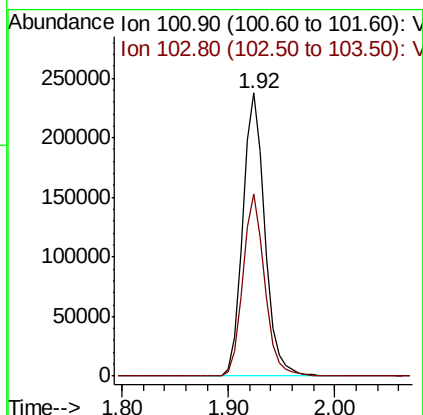
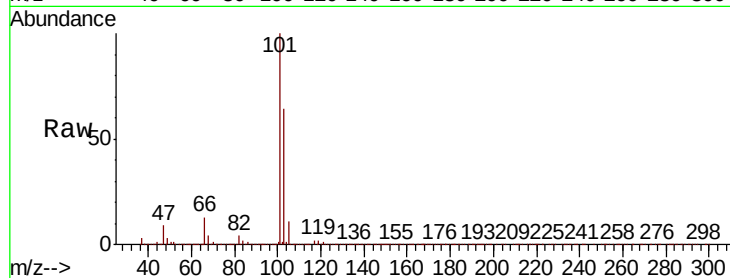


#7

Trichlorofluoromethane
Concen: 48.919 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampled :

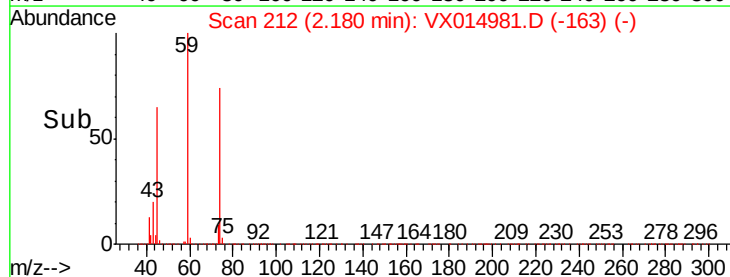
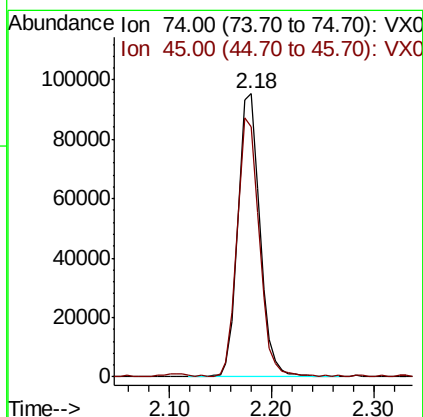
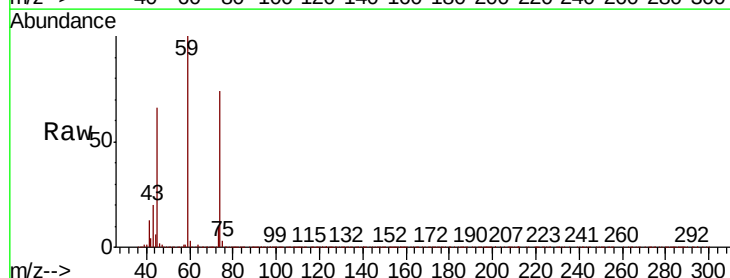
Tot Ion:101 Resp: 346191
Ion Ratio Lower Upper
101 100
103 64.0 52.2 78.4

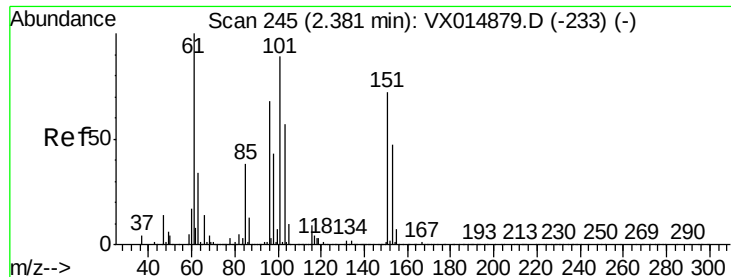


#8

Diethyl Ether
Concen: 47.907 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 74 Resp: 140589
Ion Ratio Lower Upper
74 100
45 91.7 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.091 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

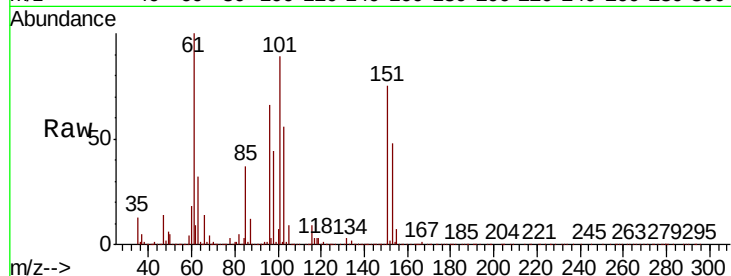
Tot Ion:101 Resp: 201654

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

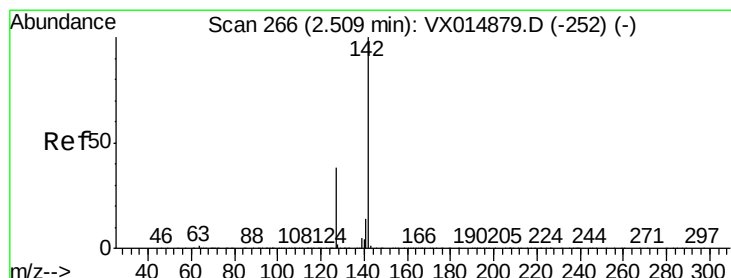
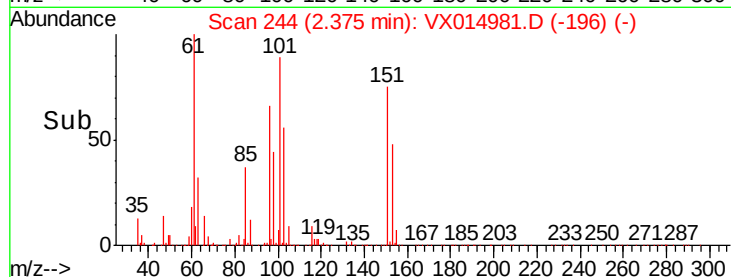
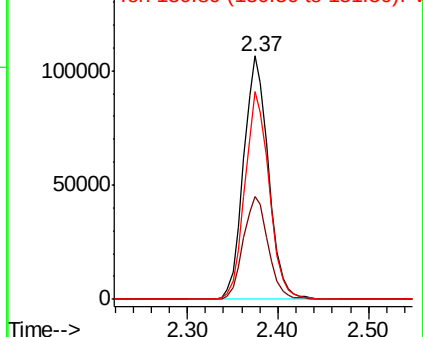
151 84.0 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.143 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

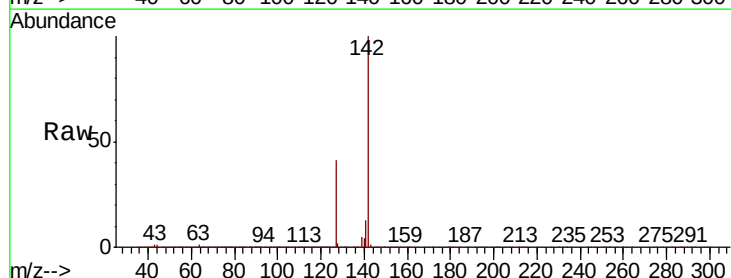
Tgt Ion:142 Resp: 229690

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

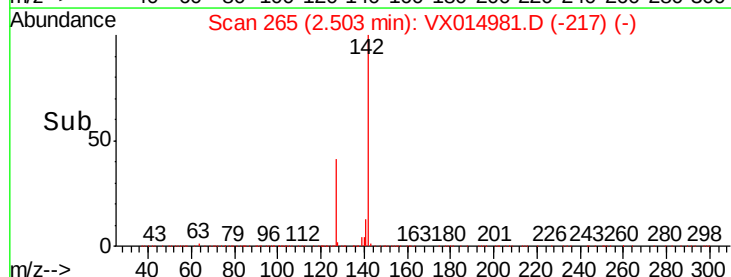
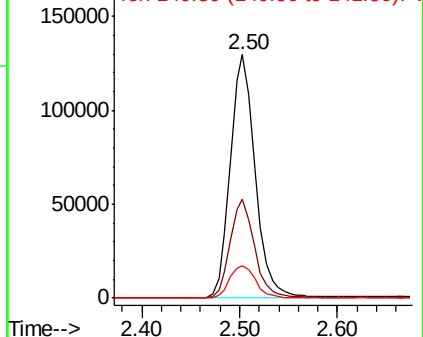
141 14.2 11.3 16.9

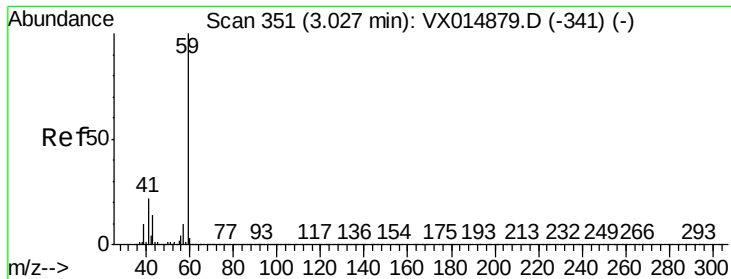


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



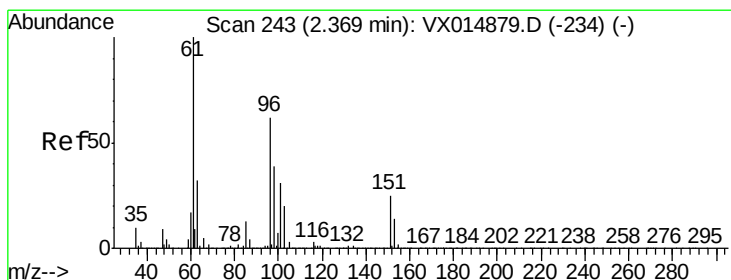
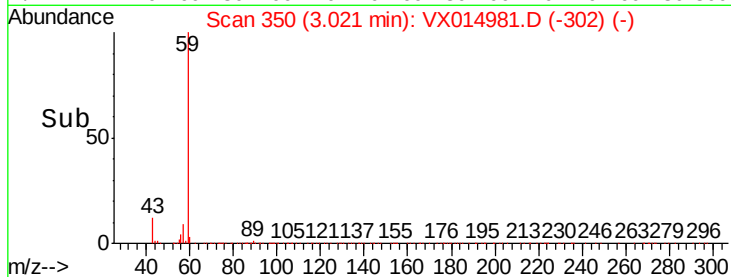
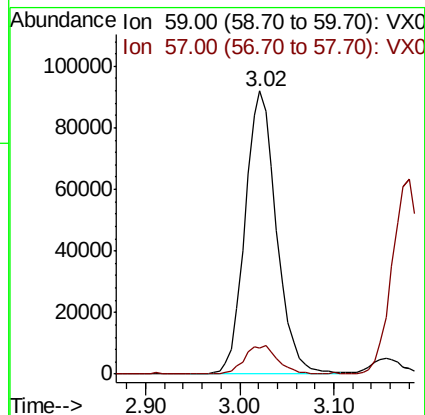
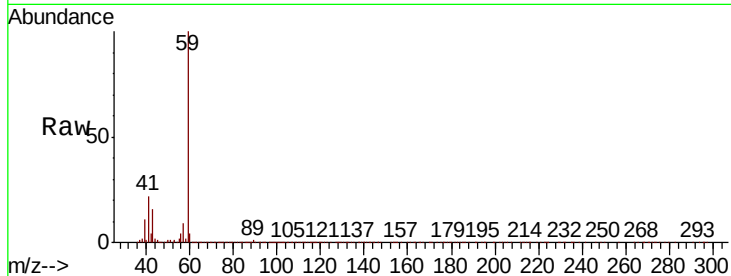


#11

Tert butyl alcohol
Concen: 244.482 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampled :

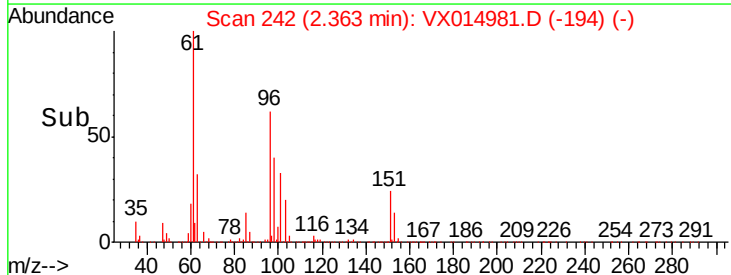
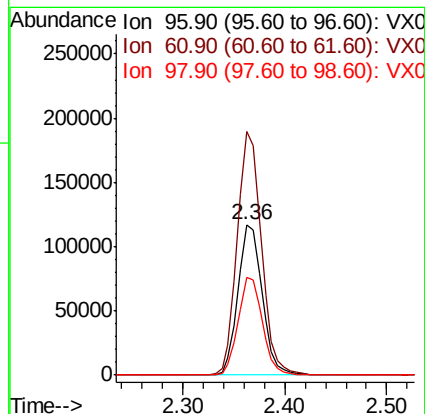
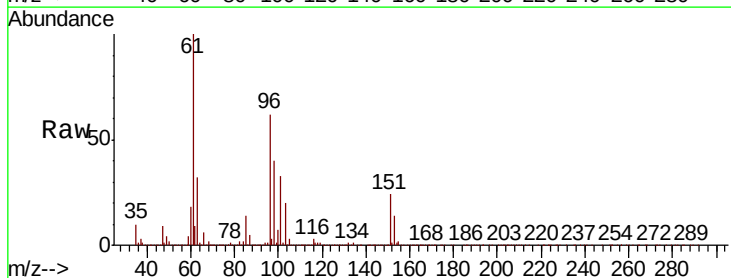
Tot Ion: 59 Resp: 213343
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

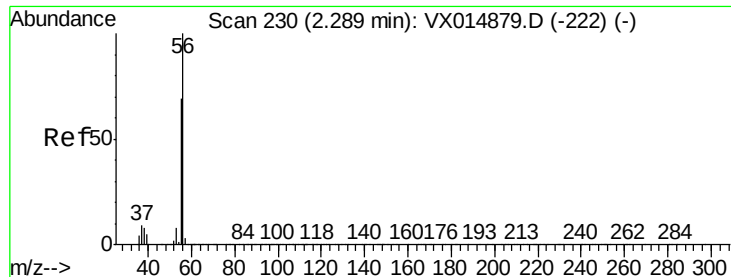


#12

1,1-Dichloroethene
Concen: 47.540 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 96 Resp: 190824
Ion Ratio Lower Upper
96 100
61 161.5 129.5 194.3
98 64.9 50.6 76.0





#13

Acrolein

Concen: 205.188 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

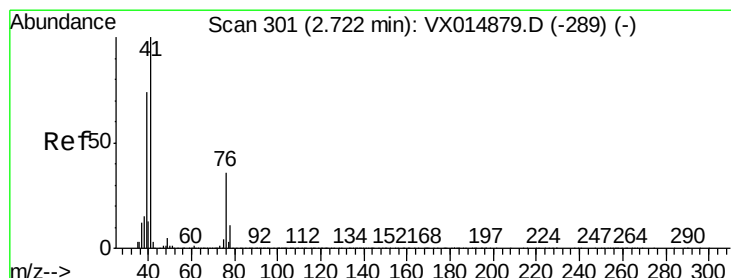
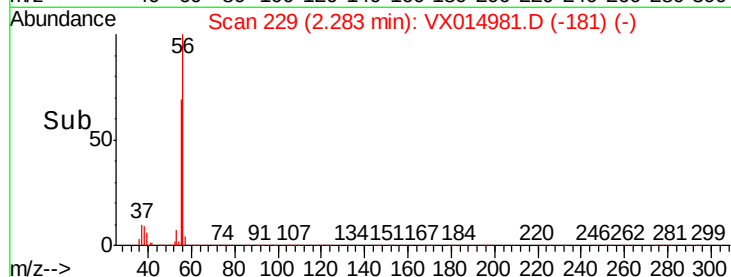
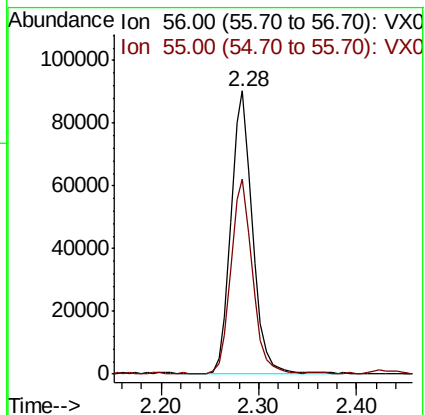
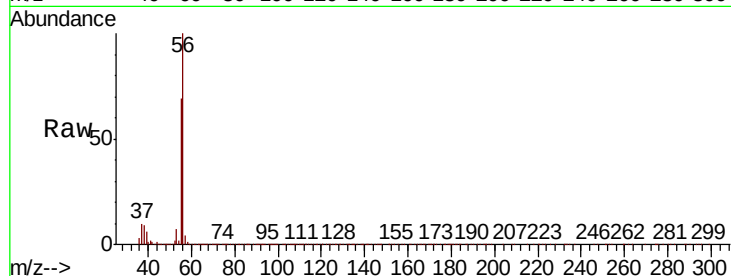
ClientSampleId :

Tot Ion: 56 Resp: 136468

Ion Ratio Lower Upper

56 100

55 69.1 55.0 82.4



#14

Allyl chloride

Concen: 46.772 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

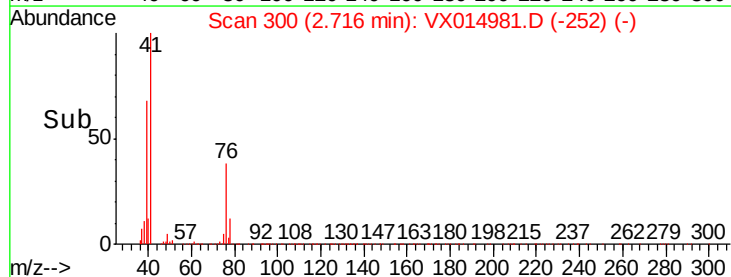
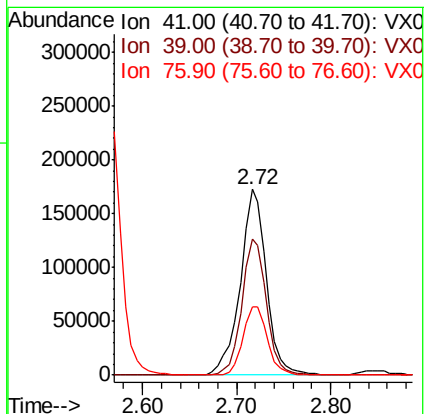
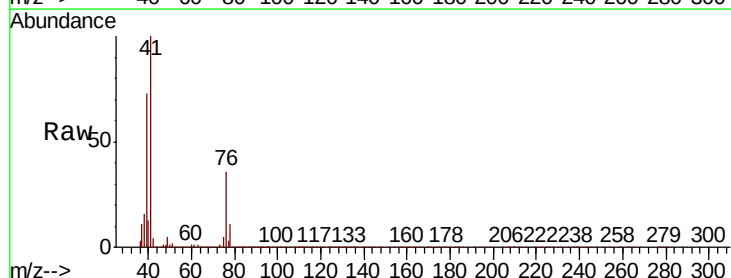
Tgt Ion: 41 Resp: 332864

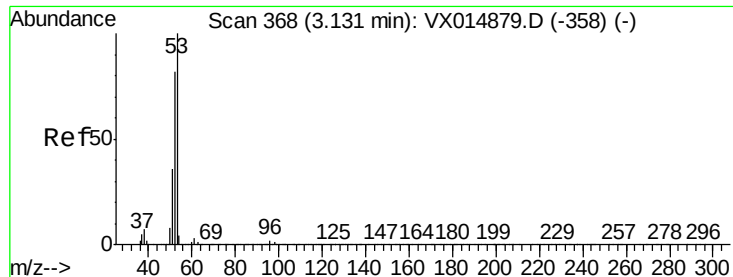
Ion Ratio Lower Upper

41 100

39 69.5 55.2 82.8

76 34.5 26.8 40.2





#15

Acrylonitrile

Concen: 248.376 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

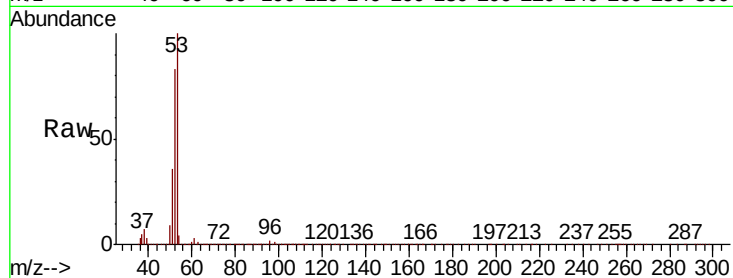
Tot Ion: 53 Resp: 549455

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

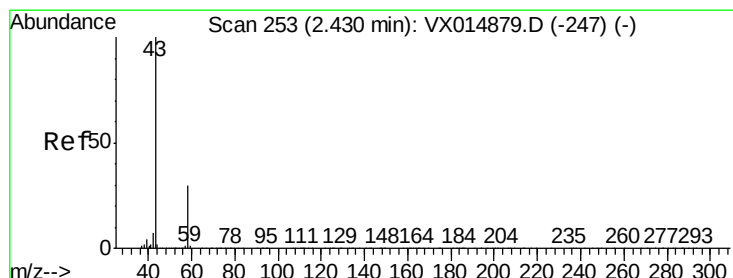
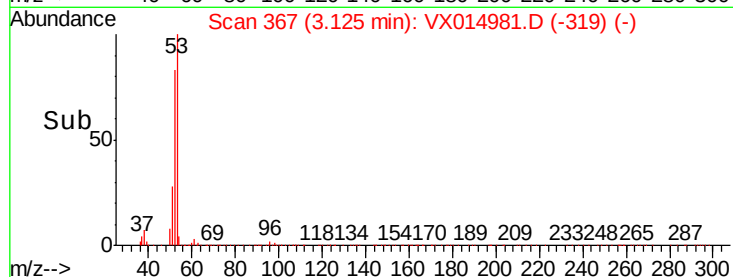
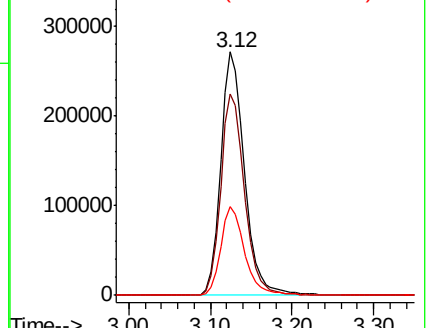
51 36.9 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 208.269 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014981.D

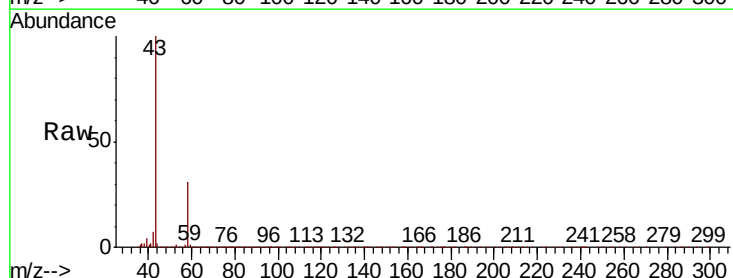
Acq: 20 Feb 2020 16:50

Tgt Ion: 43 Resp: 557769

Ion Ratio Lower Upper

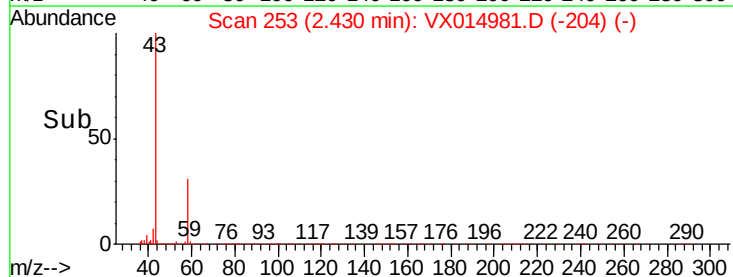
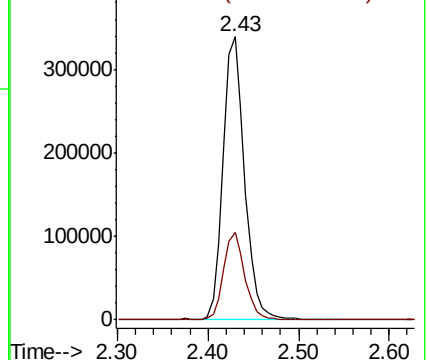
43 100

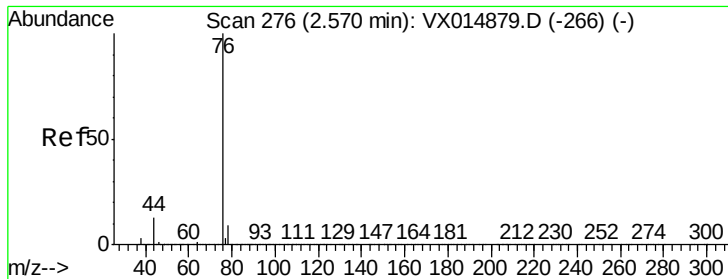
58 30.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.086 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

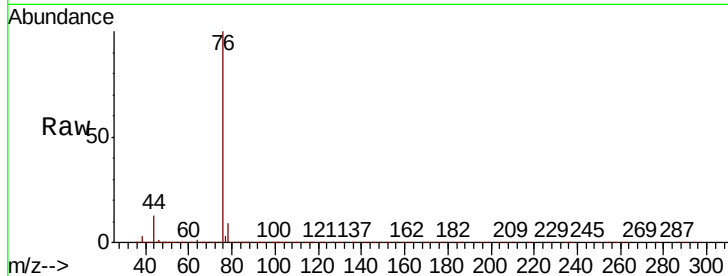
ClientSampleId :

Tot Ion: 76 Resp: 483214

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

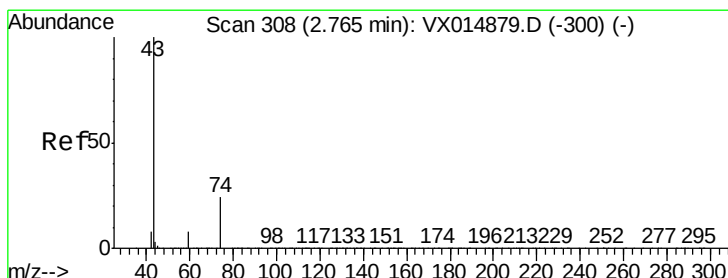
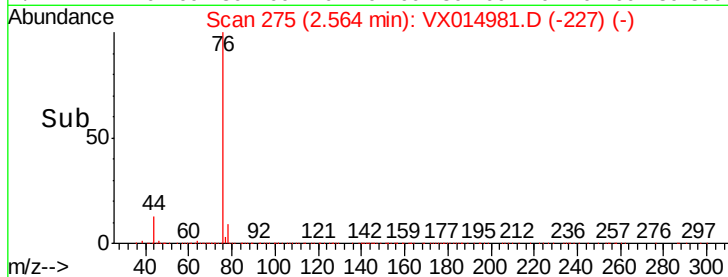
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 51.585 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014981.D

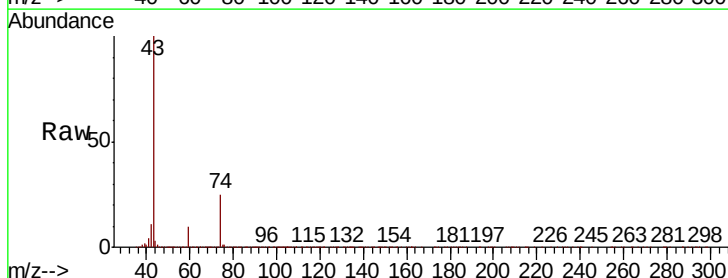
Acq: 20 Feb 2020 16:50

Tgt Ion: 43 Resp: 256770

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

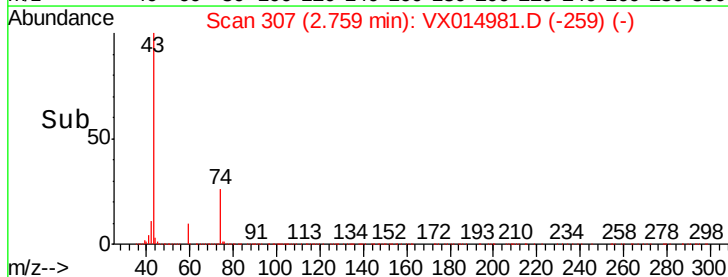
150000

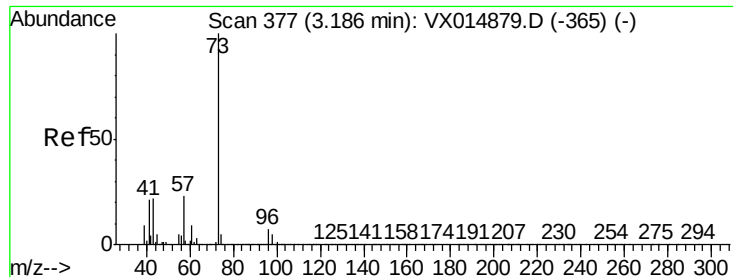
100000

50000

0

Time-->

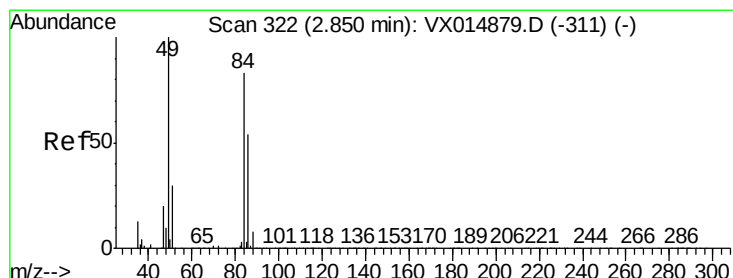
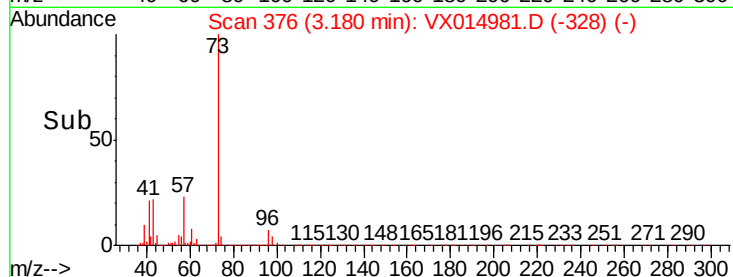
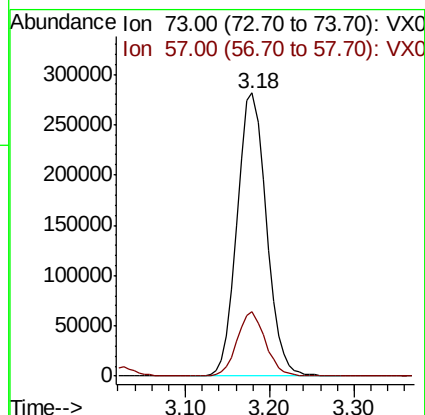
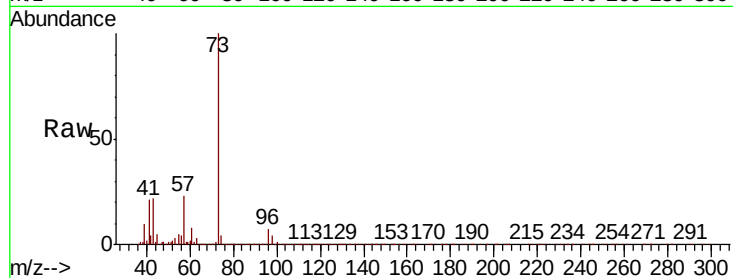




#19
Methyl tert-butyl Ether
Concen: 50.412 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

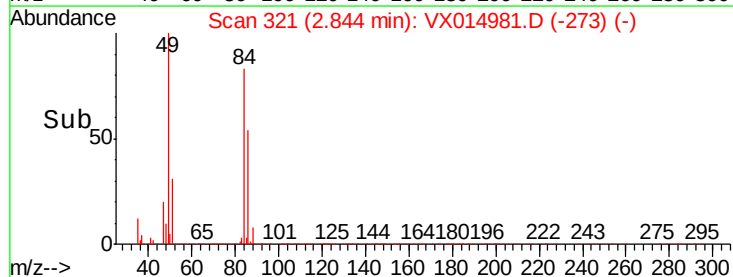
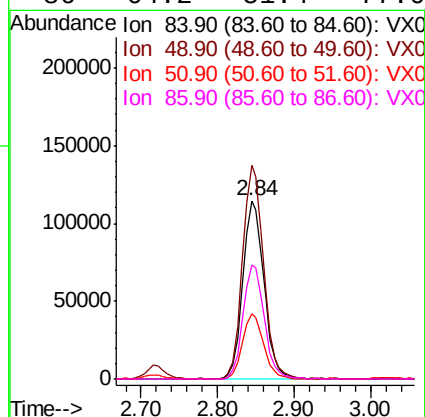
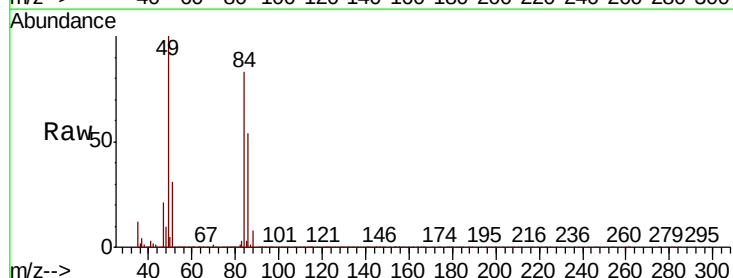
Instrument :
MSVOA_X
ClientSampleId :

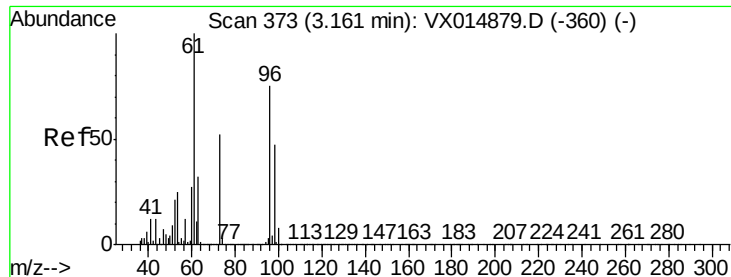
Tot Ion: 73 Resp: 658556
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4



#20
Methylene Chloride
Concen: 46.226 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 84 Resp: 219772
Ion Ratio Lower Upper
84 100
49 119.9 95.6 143.4
51 36.5 29.0 43.6
86 64.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 46.766 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

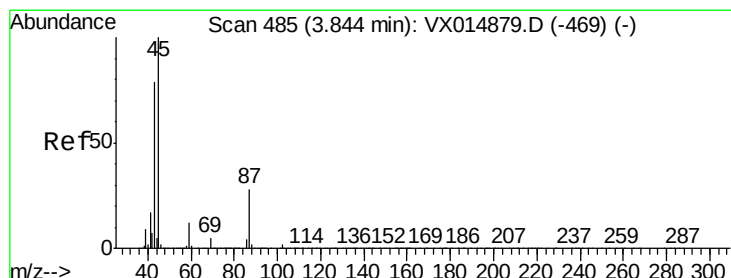
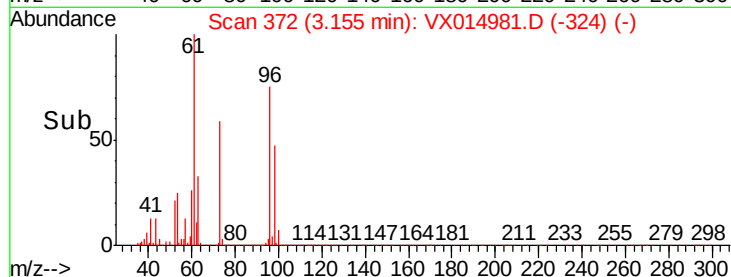
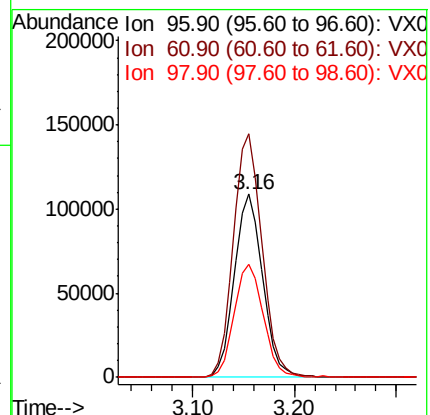
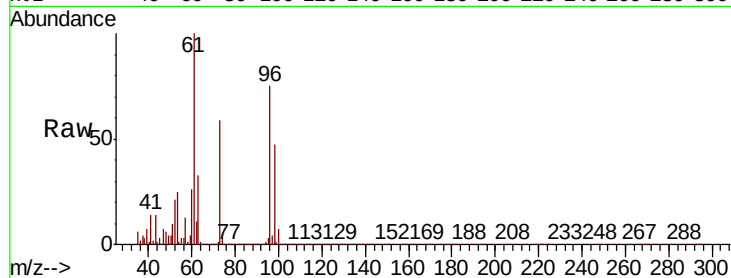
Tot Ion: 96 Resp: 207132

Ion Ratio Lower Upper

96 100

61 133.1 106.9 160.3

98 62.1 50.7 76.1



#22

Diisopropyl ether

Concen: 50.838 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion: 45 Resp: 691007

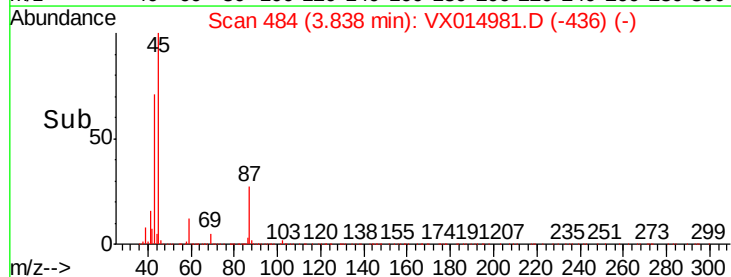
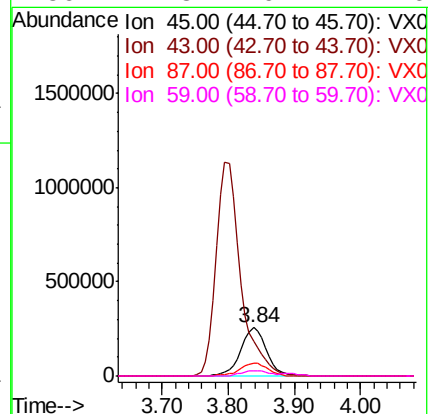
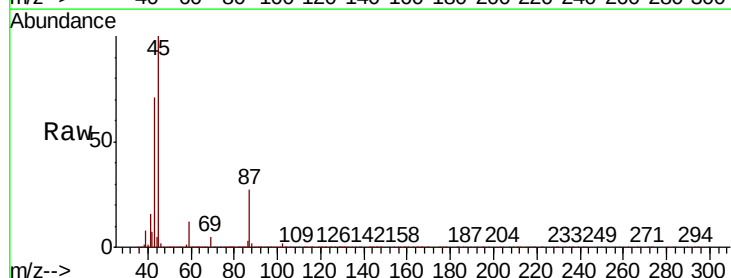
Ion Ratio Lower Upper

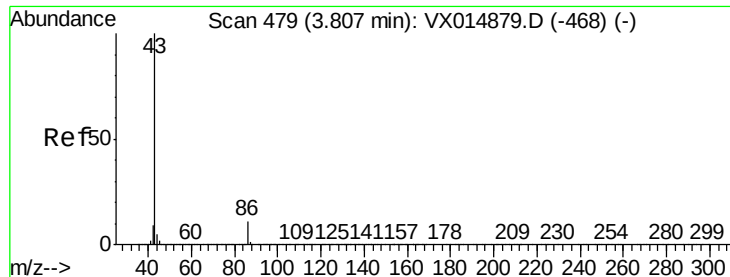
45 100

43 70.7 63.5 95.3

87 26.5 22.2 33.4

59 11.8 9.4 14.0

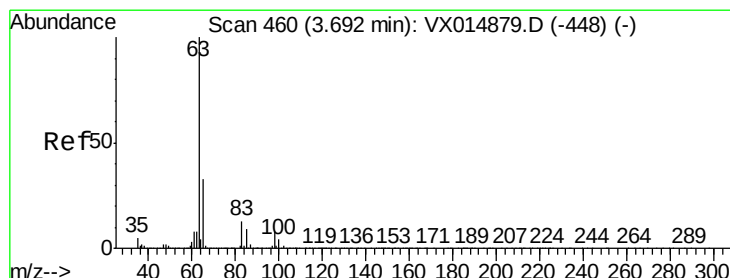
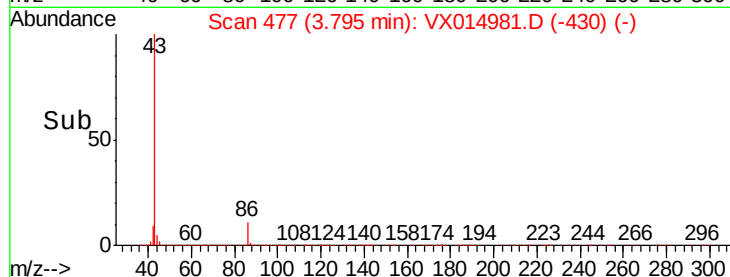
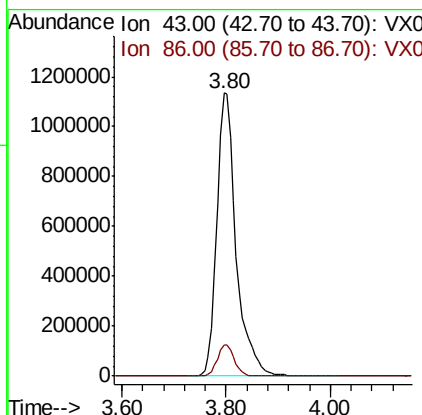
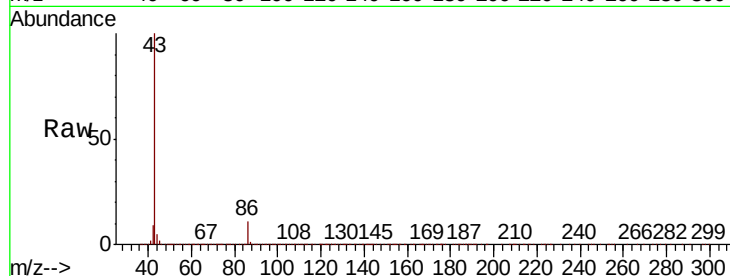




#23
 Vinyl Acetate
 Concen: 262.980 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

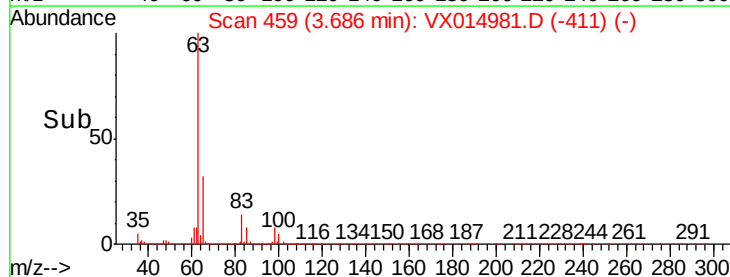
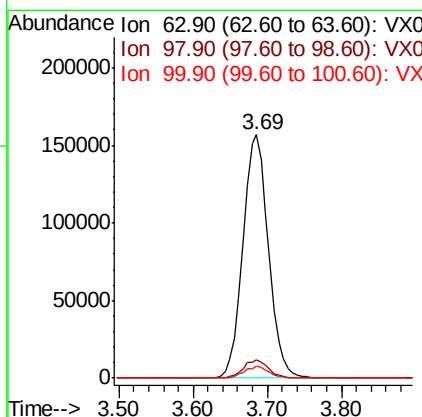
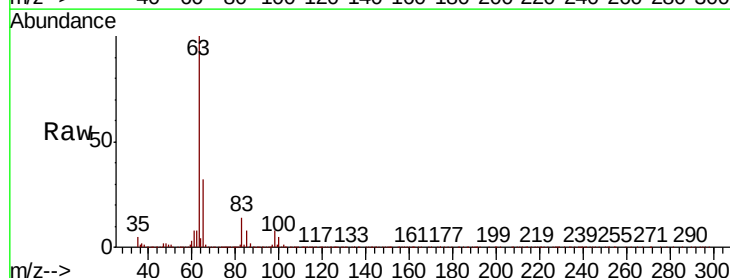
Instrument :
 MSVOA_X
 ClientSampleId :

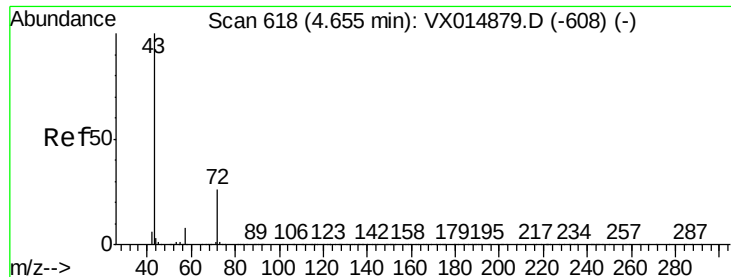
Tot Ion: 43 Resp: 2946632
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 49.293 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion: 63 Resp: 378133
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.9 2.2 6.6

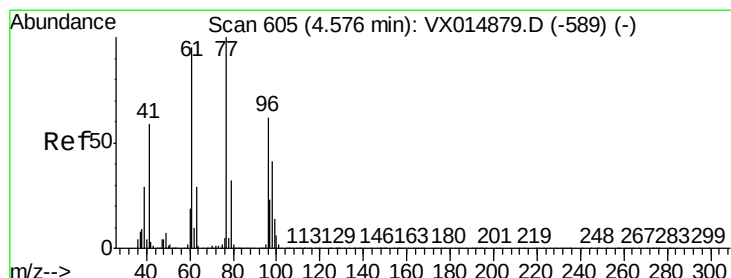
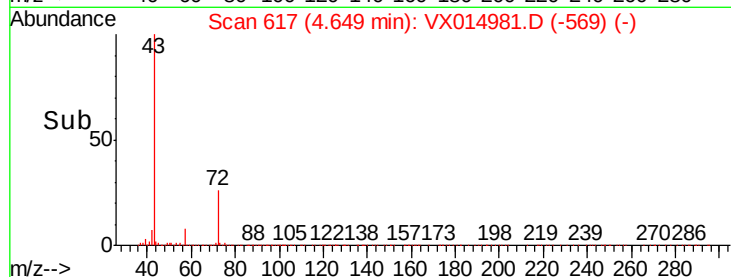
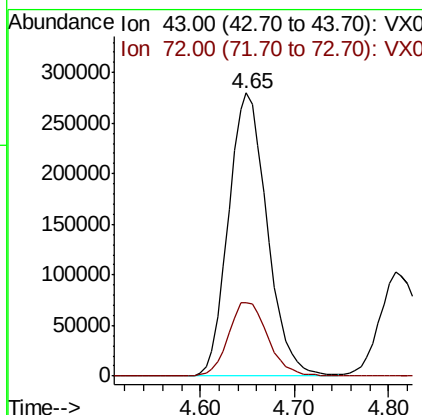
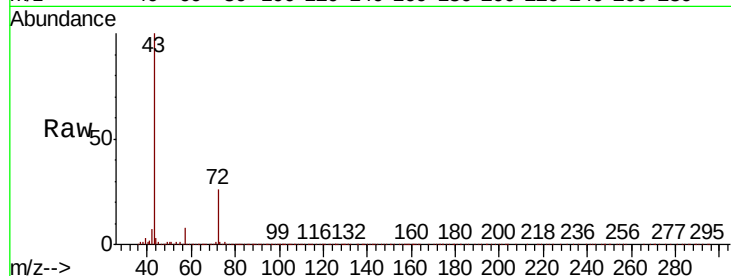




#25
2-Butanone
Concen: 236.050 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

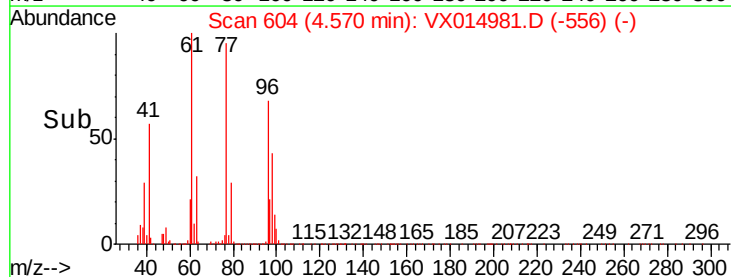
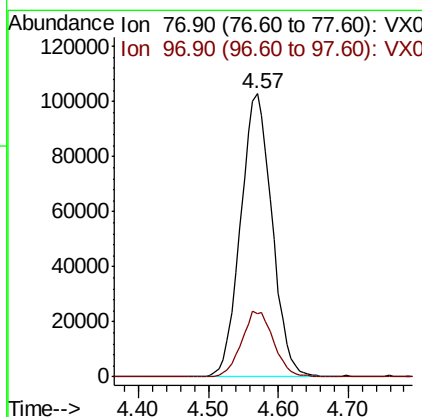
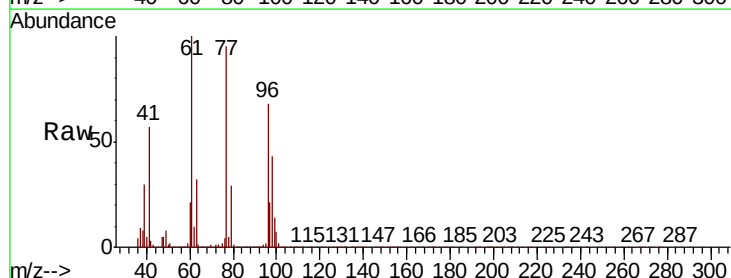
Instrument :
MSVOA_X
ClientSampled :

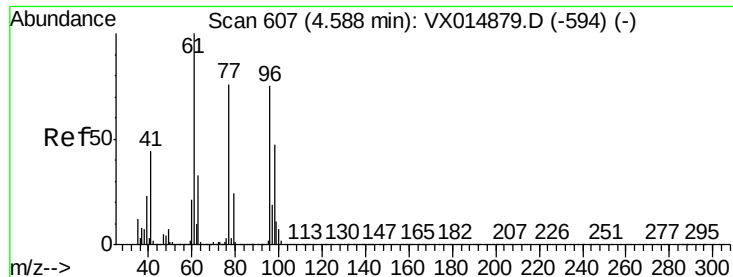
Tot Ion: 43 Resp: 794241
Ion Ratio Lower Upper
43 100
72 26.0 21.0 31.6



#26
2,2-Dichloropropane
Concen: 48.364 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 77 Resp: 319732
Ion Ratio Lower Upper
77 100
97 23.5 11.9 35.5



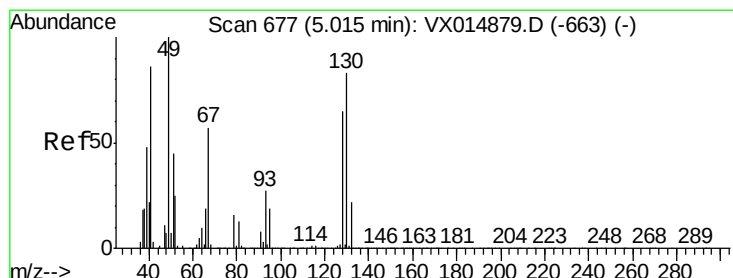
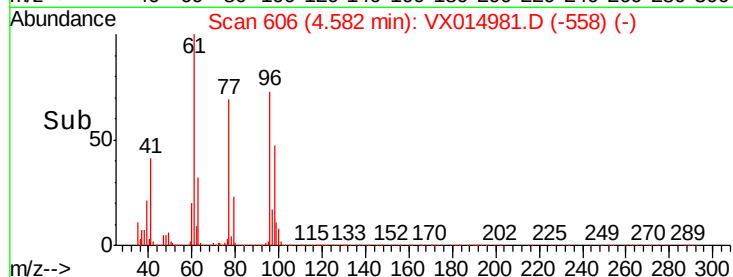
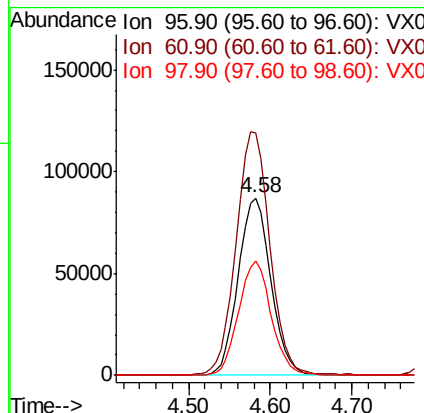
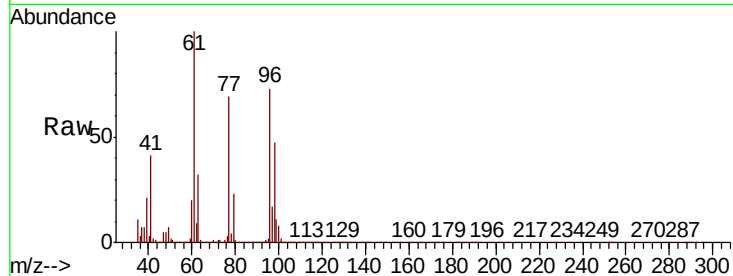


#27

cis-1,2-Dichloroethene
Concen: 48.902 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampled :

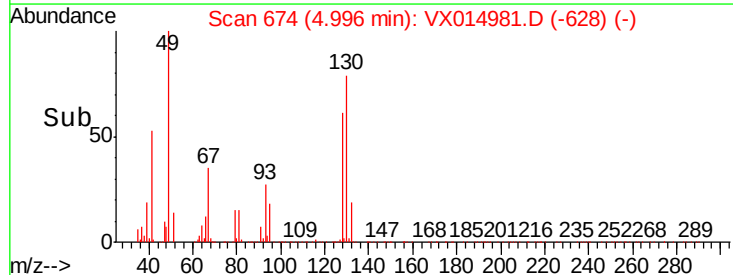
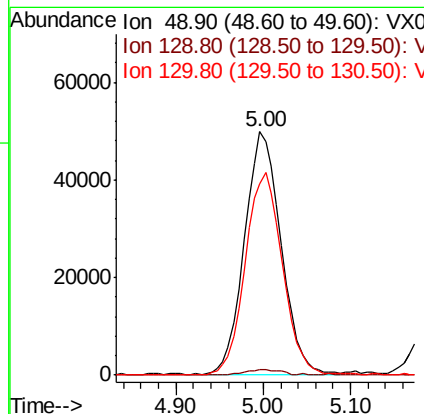
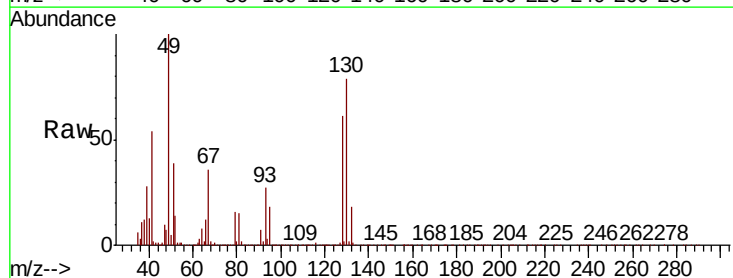
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	286.2
98	64.5	0.0	131.0

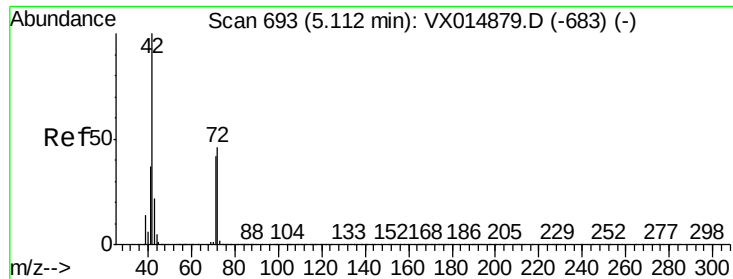


#28

Bromochloromethane
Concen: 48.594 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	85.3	67.4	101.2

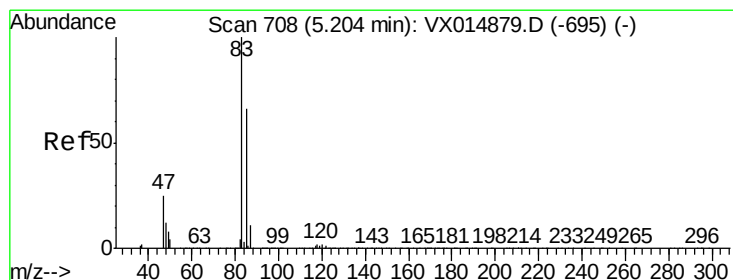
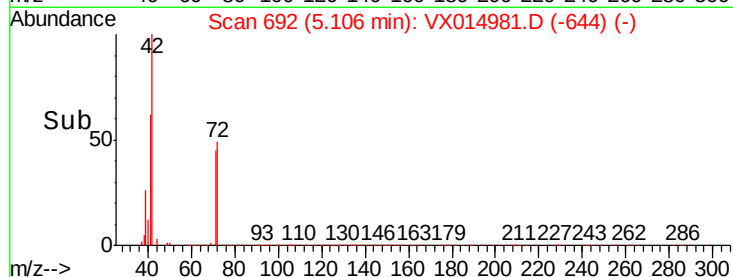
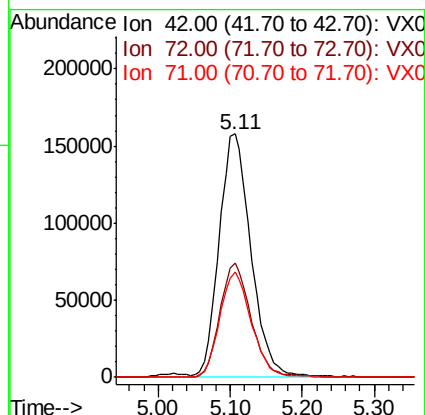
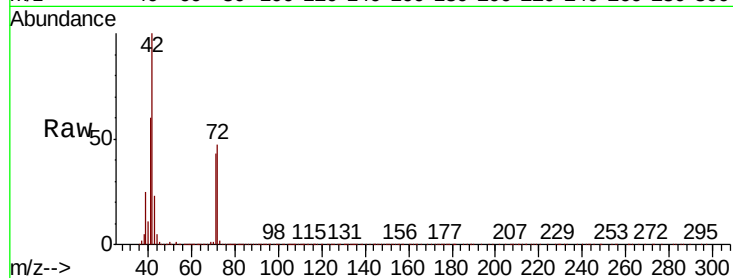




#29
Tetrahydrofuran
Concen: 251.654 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

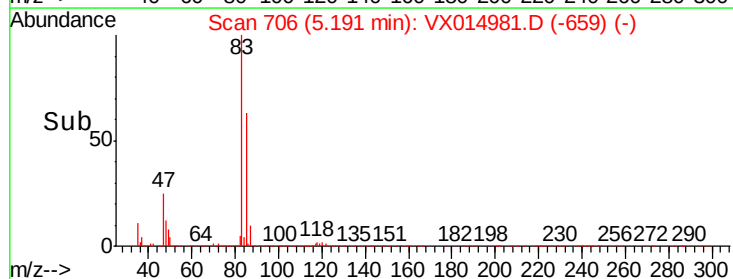
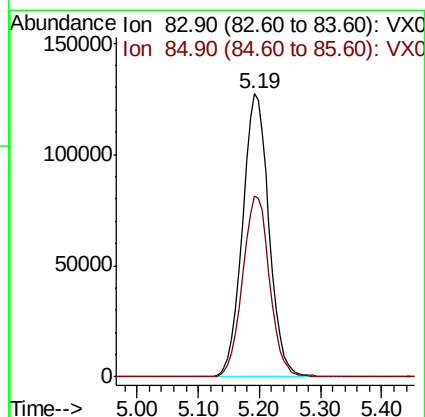
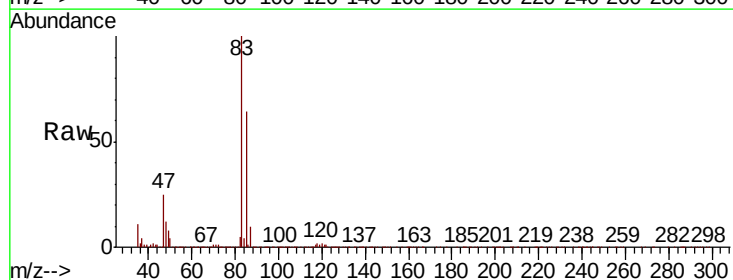
Instrument :
MSVOA_X
ClientSampleId :

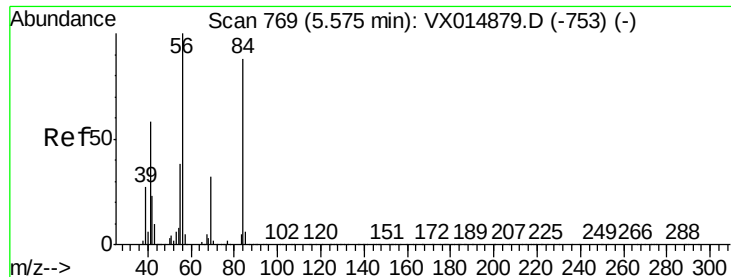
Tot Ion: 42 Resp: 481346
Ion Ratio Lower Upper
42 100
72 46.7 36.9 55.3
71 42.9 34.1 51.1



#30
Chloroform
Concen: 50.088 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 83 Resp: 381217
Ion Ratio Lower Upper
83 100
85 63.9 52.9 79.3

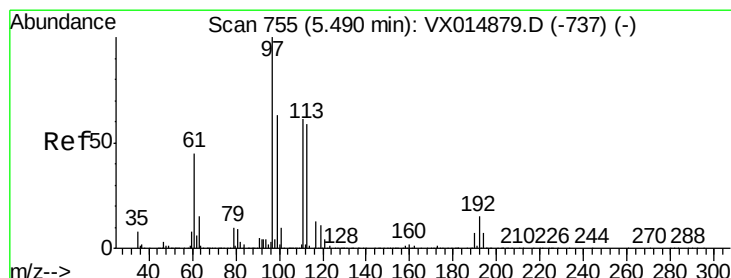
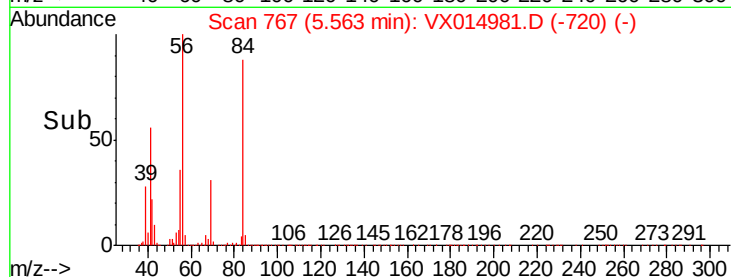
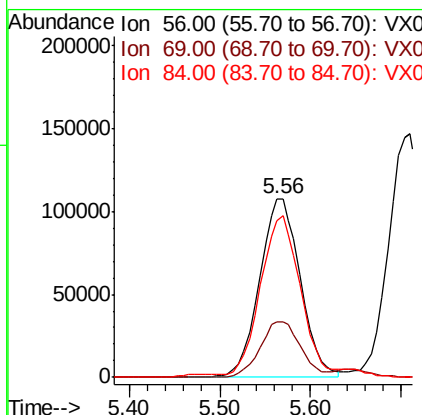
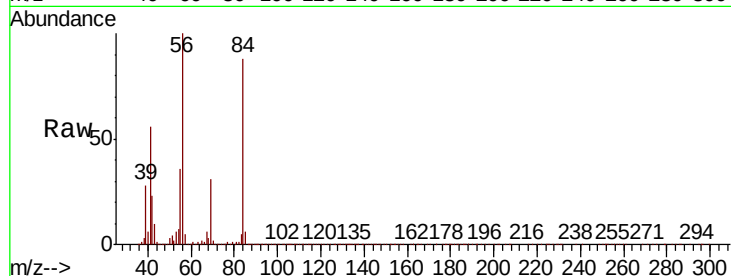




#31
Cyclohexane
Concen: 47.542 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

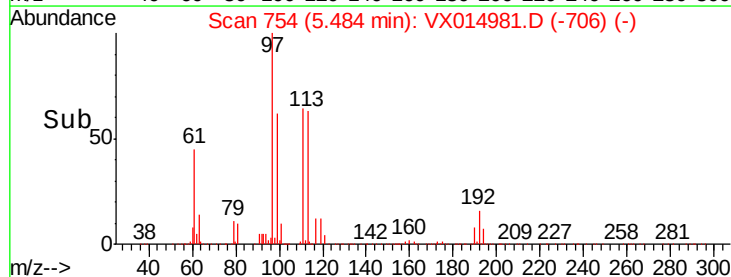
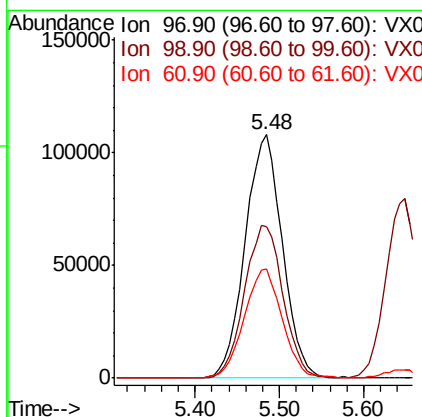
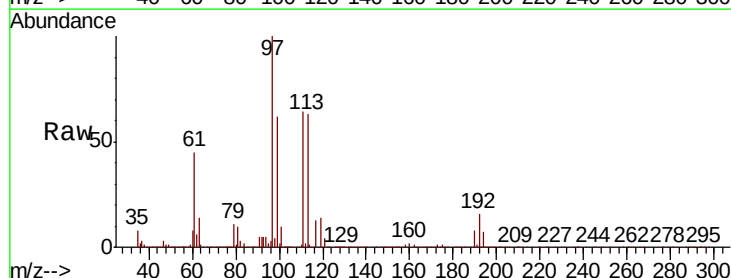
Instrument :
MSVOA_X
ClientSampleId :

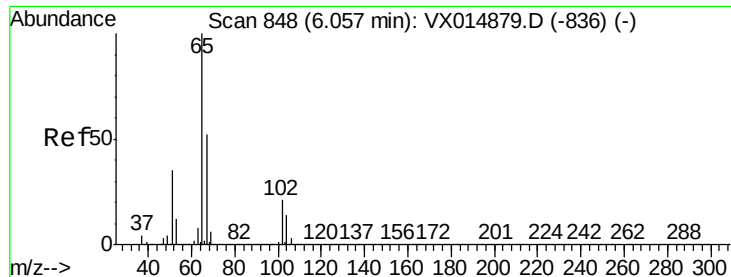
Tot Ion: 56 Resp: 332174
Ion Ratio Lower Upper
56 100
69 31.0 25.9 38.9
84 86.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 48.676 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 97 Resp: 324073
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 45.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 47.316 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

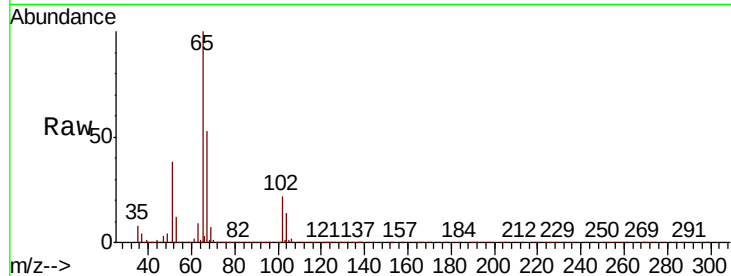
ClientSampleId :

Tot Ion: 65 Resp: 233848

Ion Ratio Lower Upper

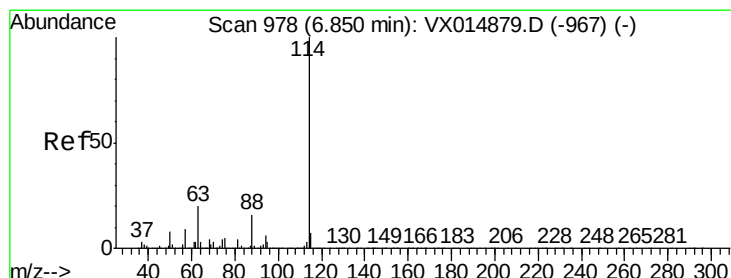
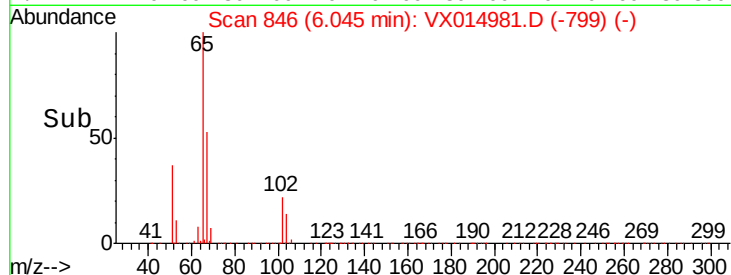
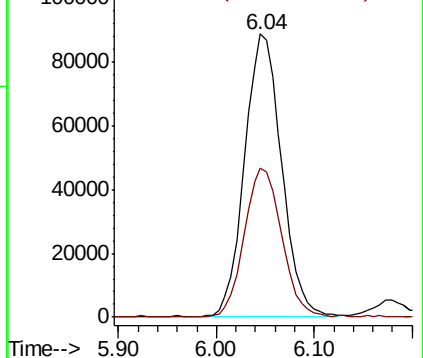
65 100

67 52.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

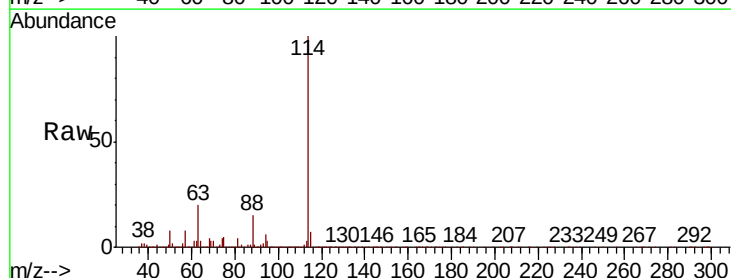
Tgt Ion: 114 Resp: 646150

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

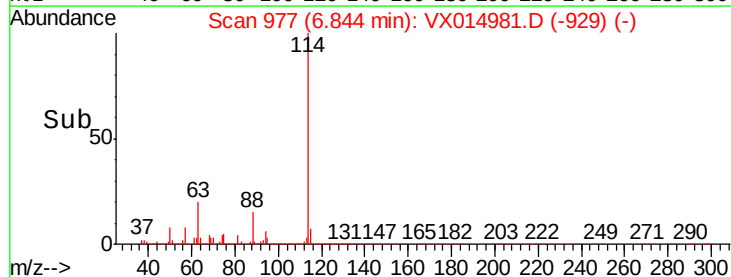
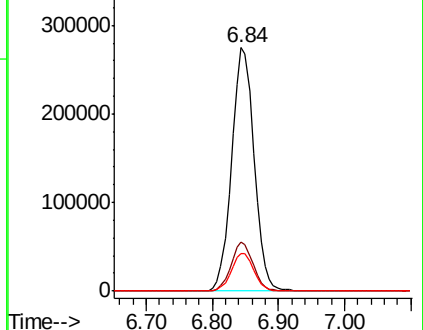
88 15.4 0.0 32.0

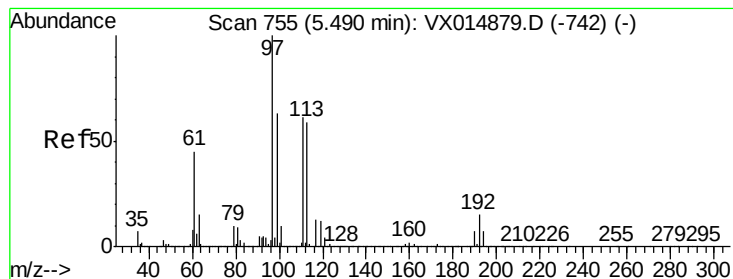


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.312 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :

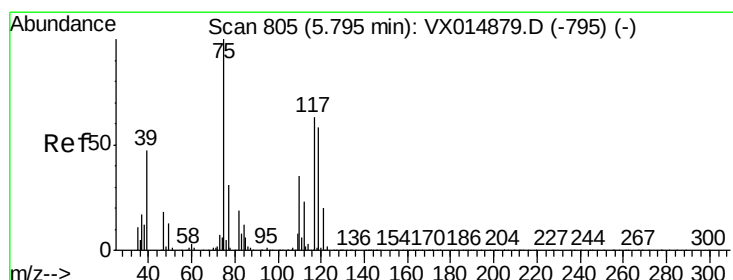
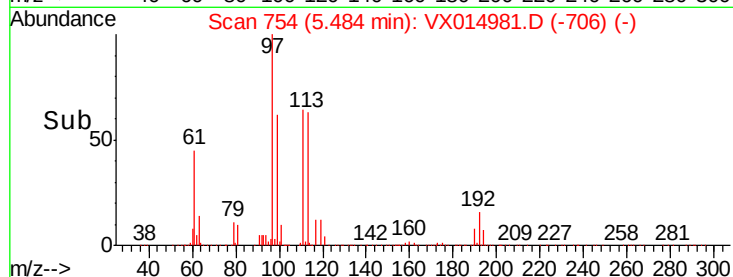
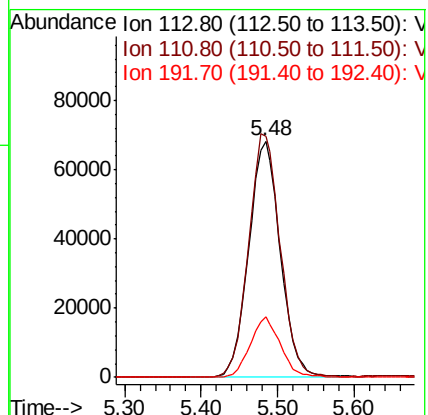
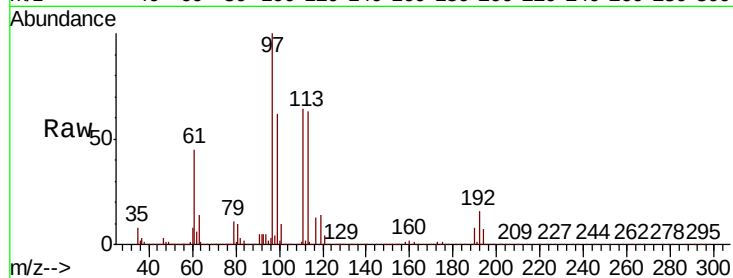
Tot Ion:113 Resp: 195886

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 24.5 19.1 28.7



#36

1,1-Dichloropropene

Concen: 49.275 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

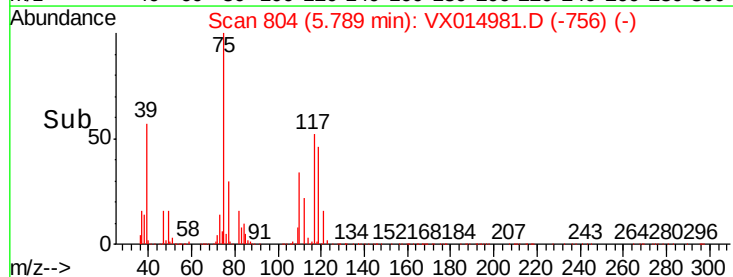
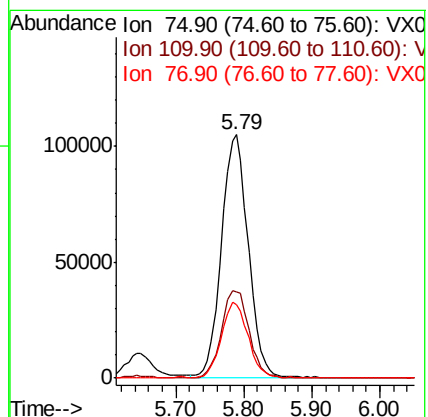
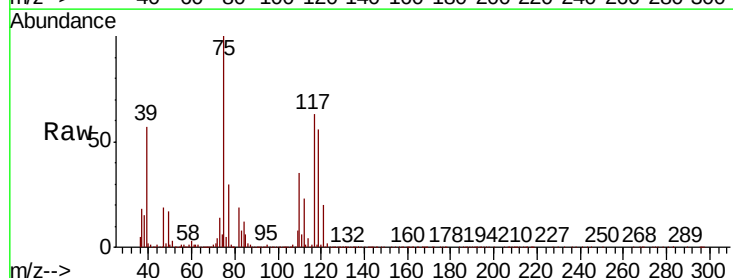
Tgt Ion: 75 Resp: 284809

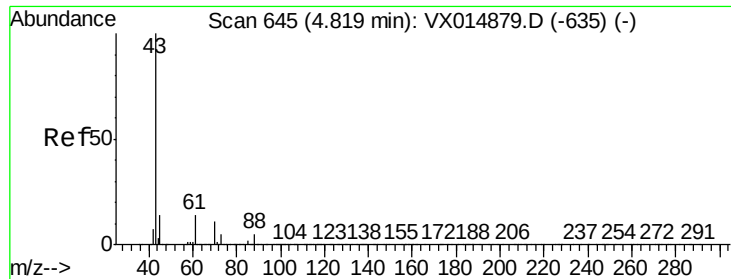
Ion Ratio Lower Upper

75 100

110 37.1 18.3 54.8

77 30.4 24.6 36.8

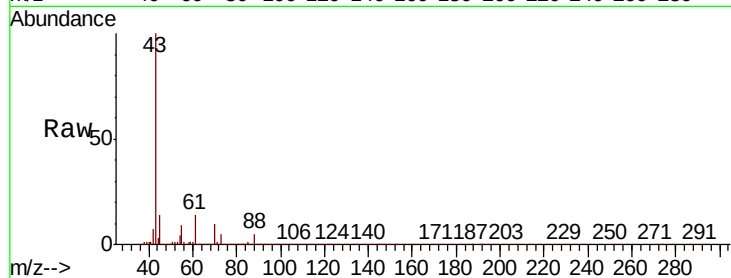




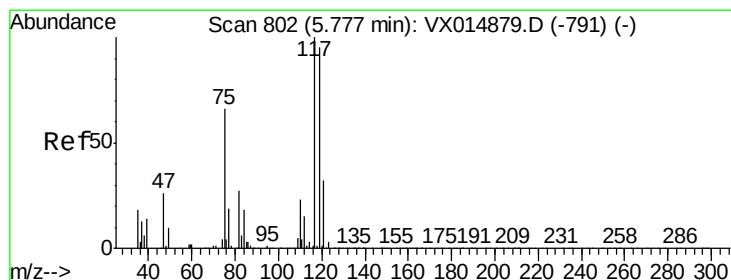
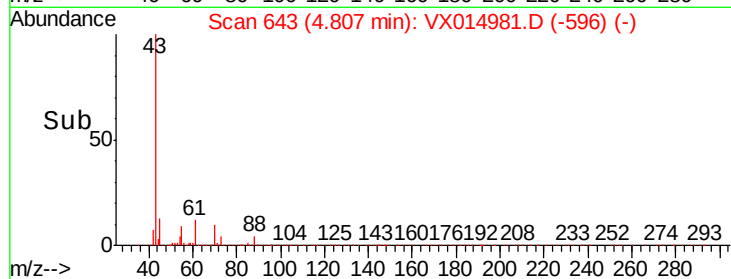
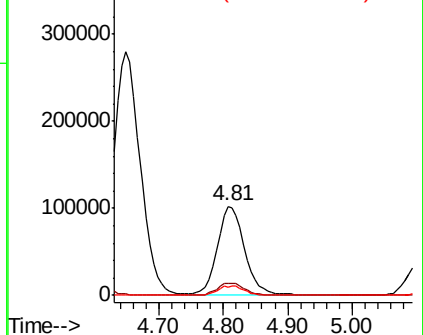
#37
Ethyl Acetate
Concen: 50.746 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 305919
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 10.6 8.7 13.1

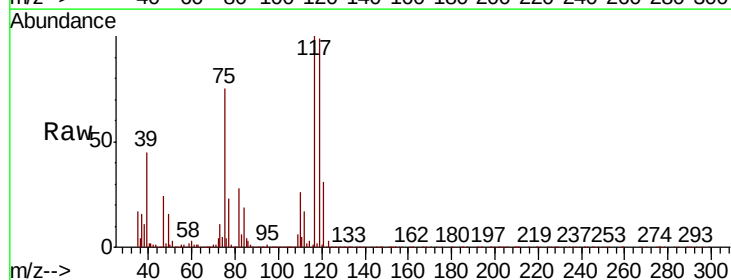


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

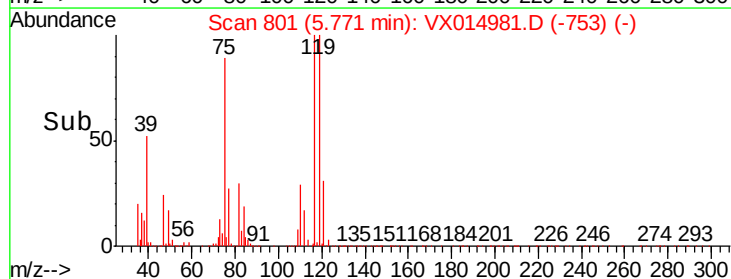
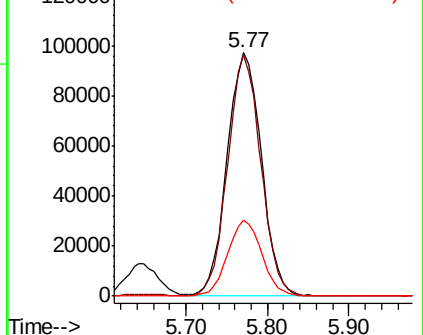


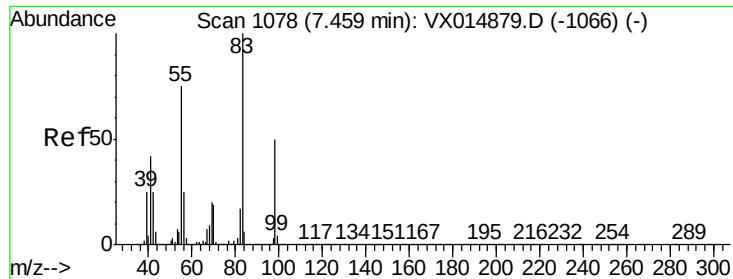
#38
Carbon Tetrachloride
Concen: 50.047 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 117 Resp: 281903
Ion Ratio Lower Upper
117 100
119 98.8 76.0 114.0
121 30.8 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

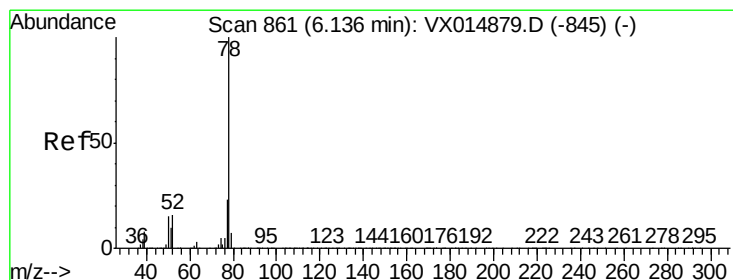
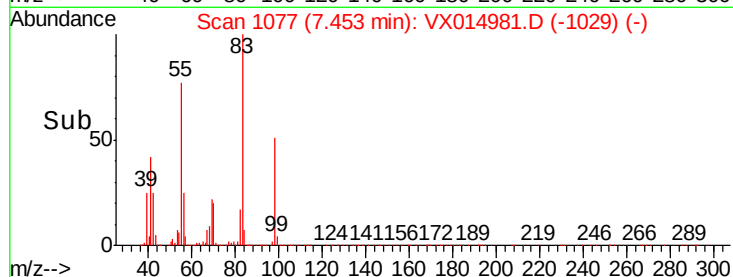
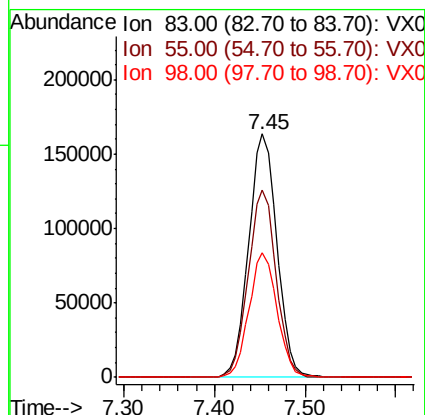
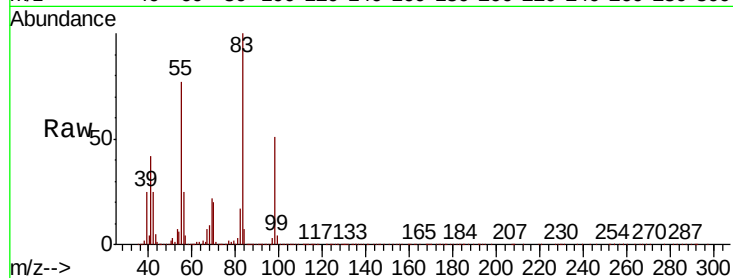




#39
Methylvlcyclohexane
Concen: 48.936 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

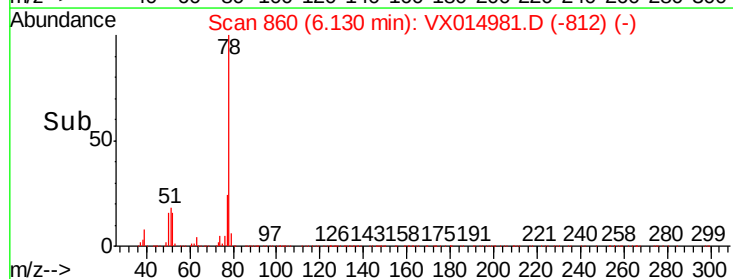
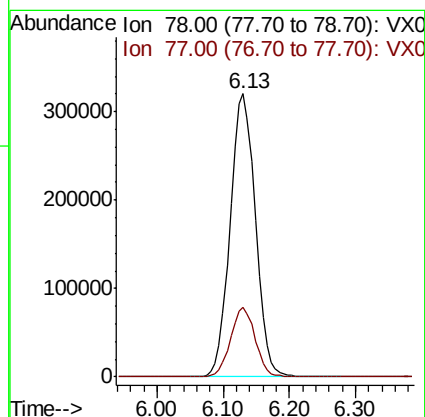
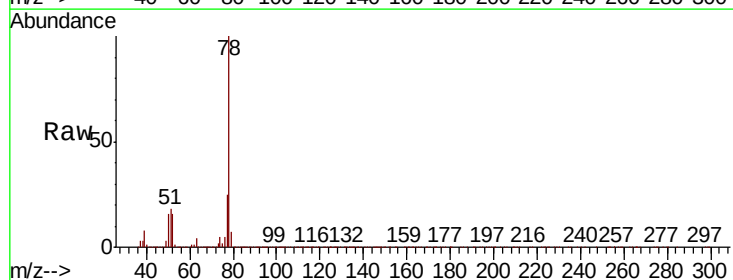
Instrument :
MSVOA_X
ClientSampleId :

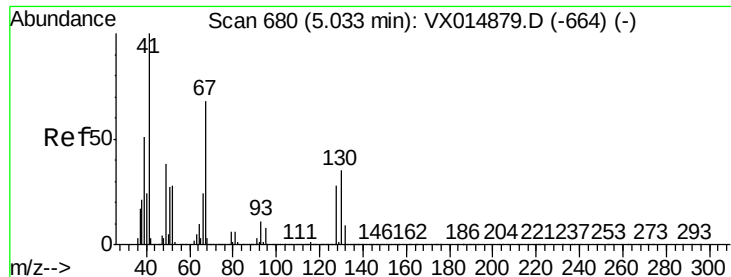
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.0	90.0
98	51.2	39.6	59.4



#40
Benzene
Concen: 49.034 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.8	28.2





#41

Methacrylonitrile

Concen: 52.507 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 170524

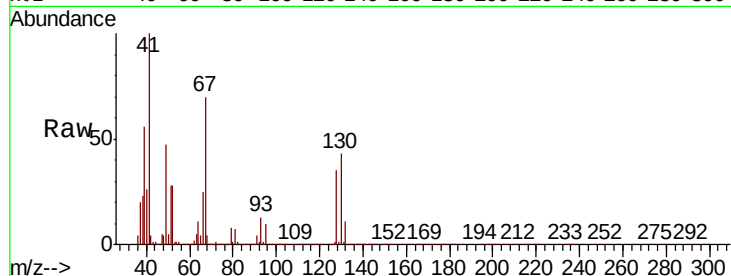
Ion Ratio Lower Upper

41 100

39 53.4 44.7 67.1

67 71.7 56.6 84.8

52 28.2 22.3 33.5



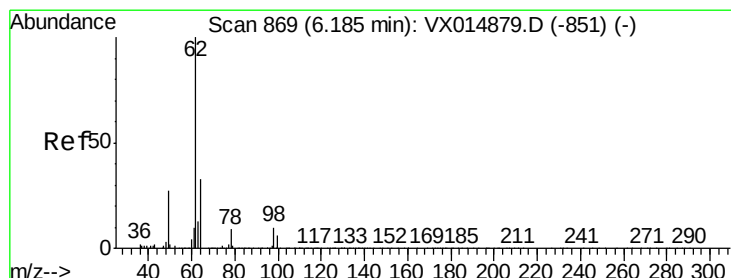
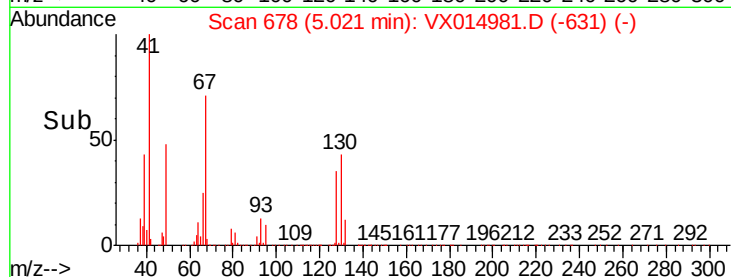
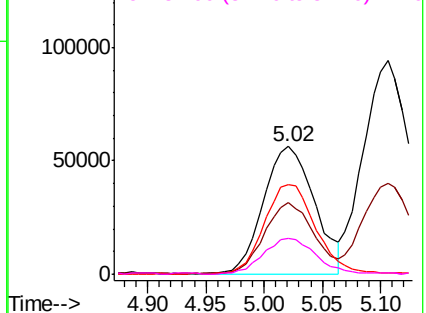
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.385 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014981.D

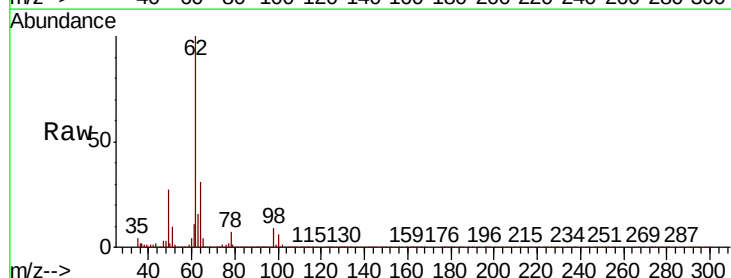
Acq: 20 Feb 2020 16:50

Tgt Ion: 62 Resp: 308249

Ion Ratio Lower Upper

62 100

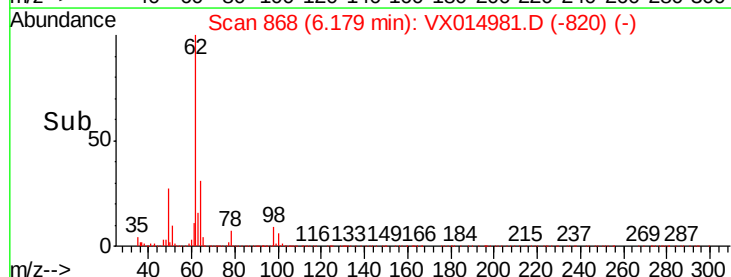
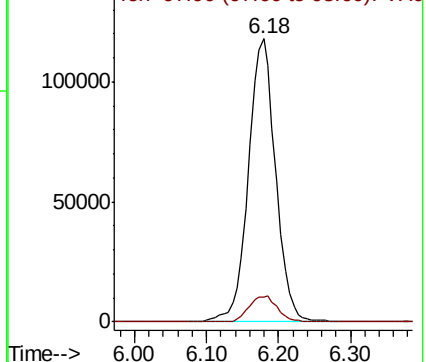
98 9.4 0.0 19.2

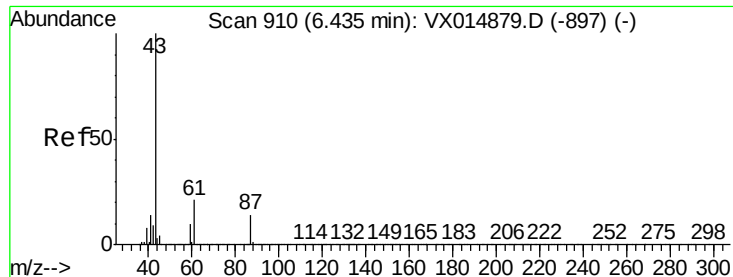


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.334 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

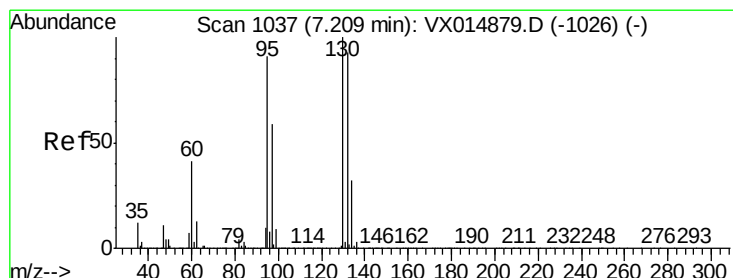
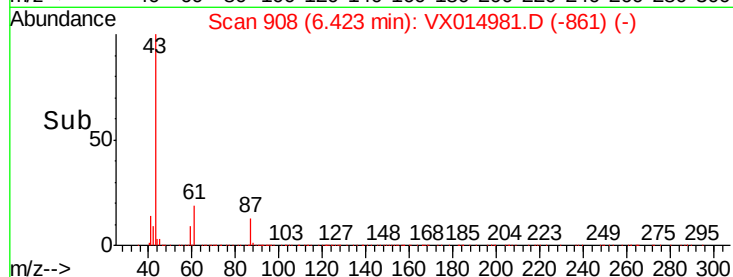
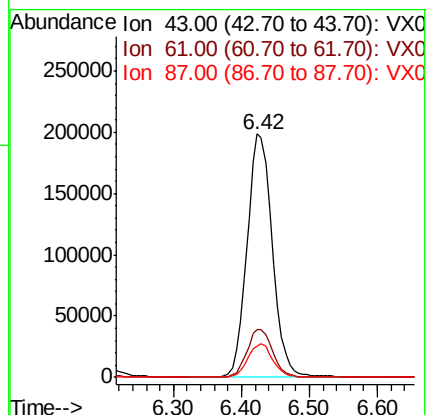
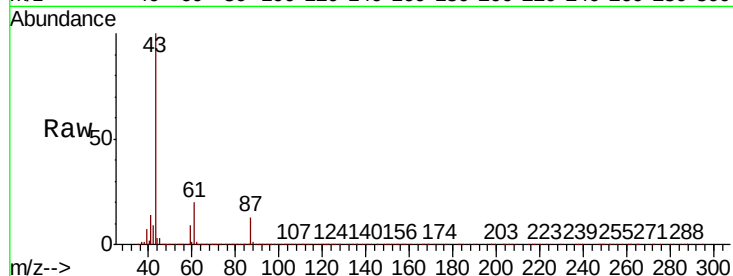
Tot Ion: 43 Resp: 510499

Ion Ratio Lower Upper

43 100

61 19.9 16.2 24.4

87 13.6 11.0 16.6



#44

Trichloroethene

Concen: 48.321 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014981.D

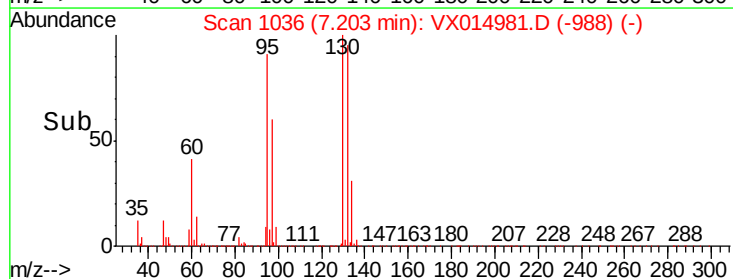
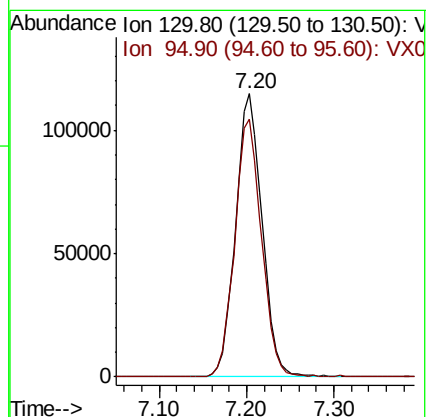
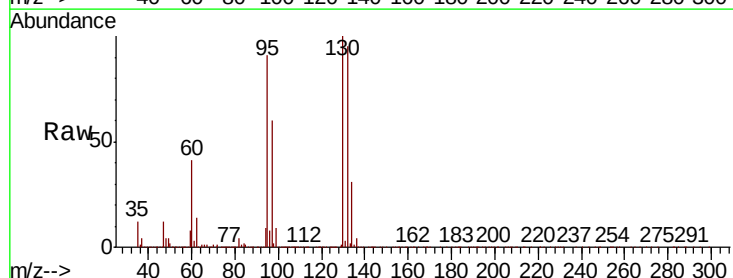
Acq: 20 Feb 2020 16:50

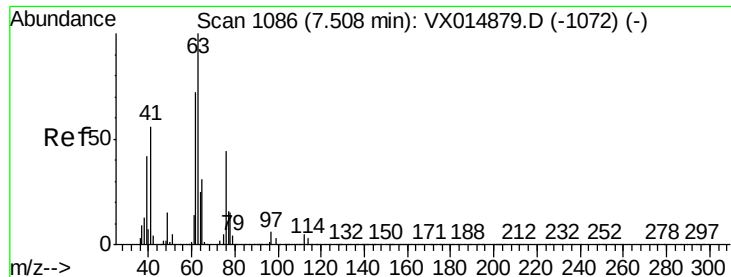
Tgt Ion:130 Resp: 242251

Ion Ratio Lower Upper

130 100

95 90.8 0.0 182.6

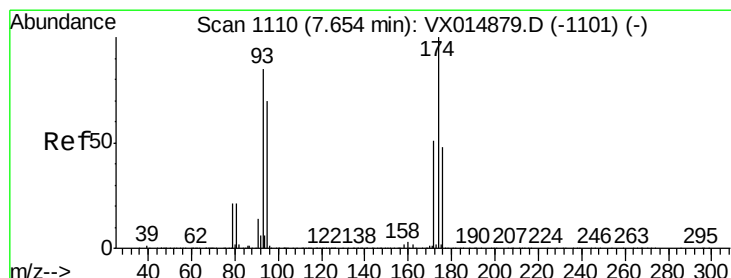
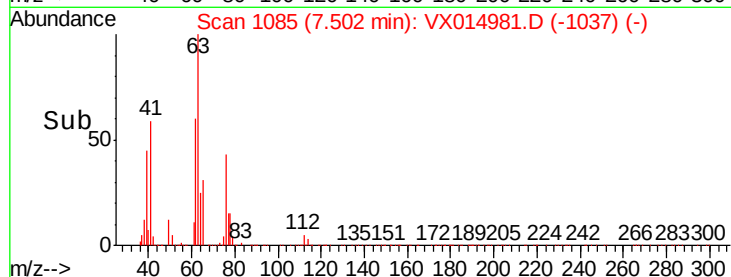
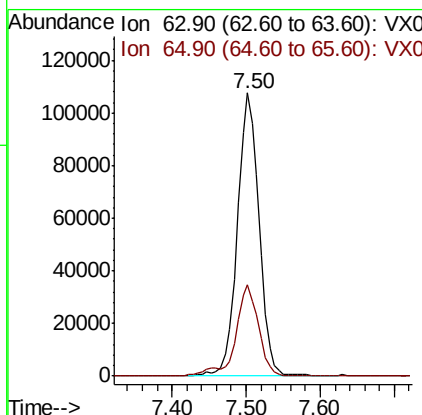
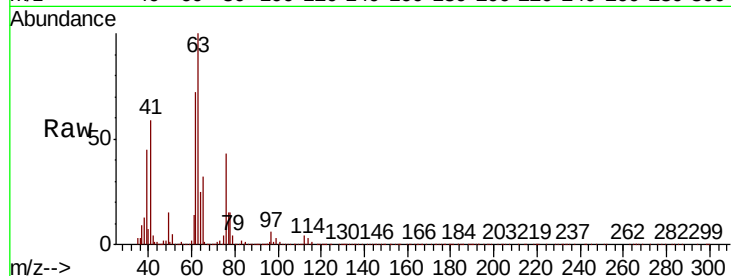




#45
 1,2-Dichloropropane
 Concen: 50.106 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

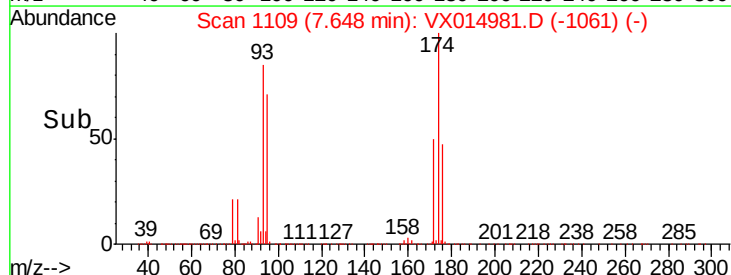
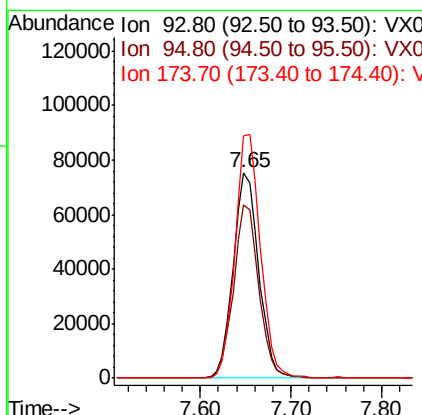
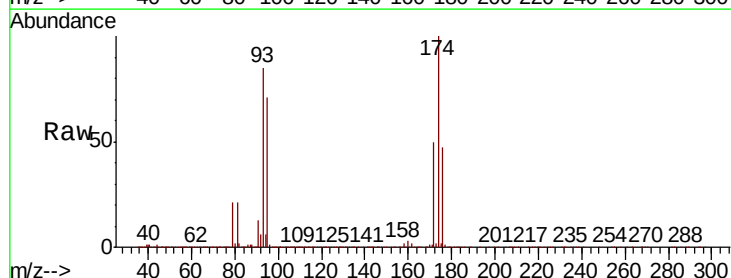
Instrument :
 MSVOA_X
 ClientSampleId :

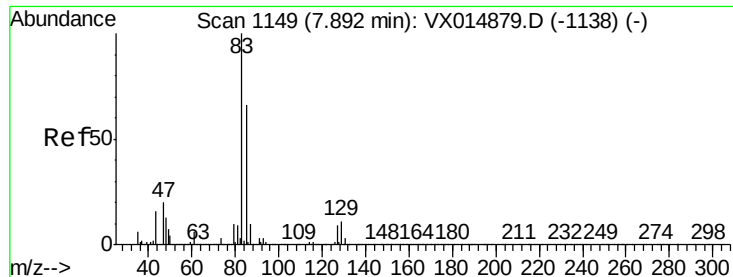
Tot Ion: 63 Resp: 220681
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.9 37.3



#46
 Dibromomethane
 Concen: 48.750 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion: 93 Resp: 146765
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.8
 174 118.9 95.4 143.2





#47

Bromodichloromethane

Concen: 49.967 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

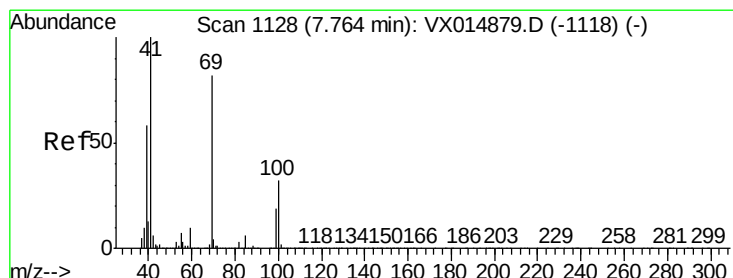
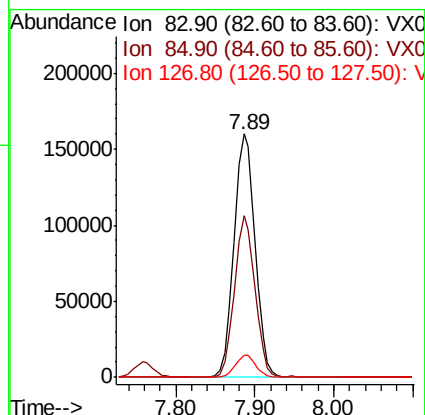
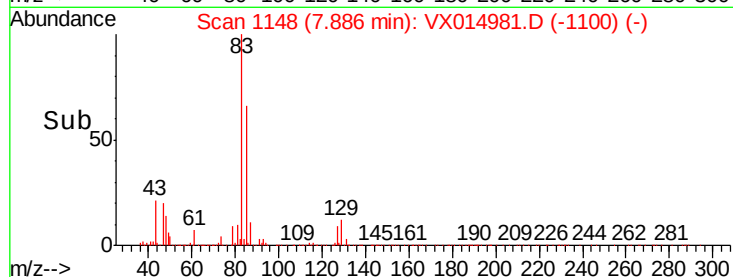
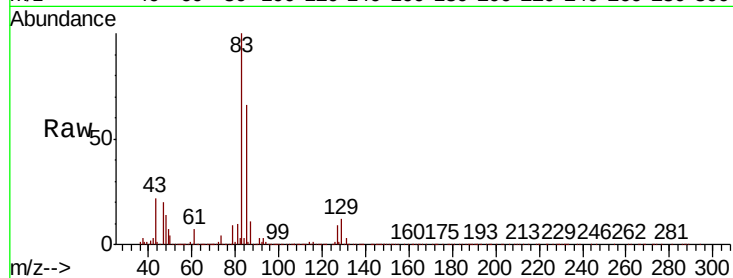
Tot Ion: 83 Resp: 298271

Ion Ratio Lower Upper

83 100

85 66.2 52.5 78.7

127 8.9 7.4 11.0



#48

Methyl methacrylate

Concen: 51.521 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

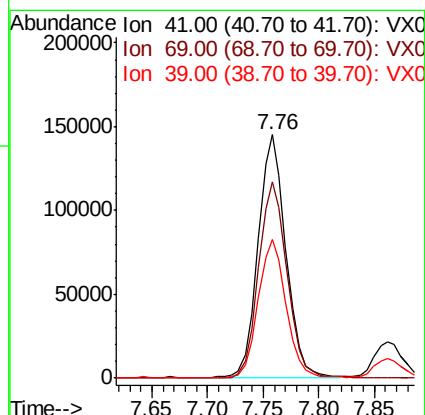
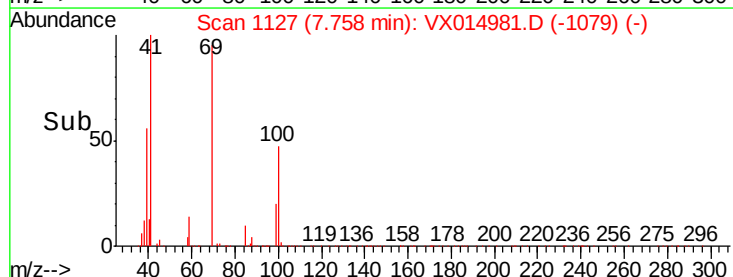
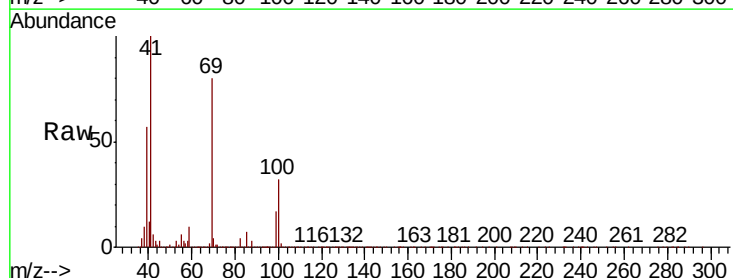
Tgt Ion: 41 Resp: 252149

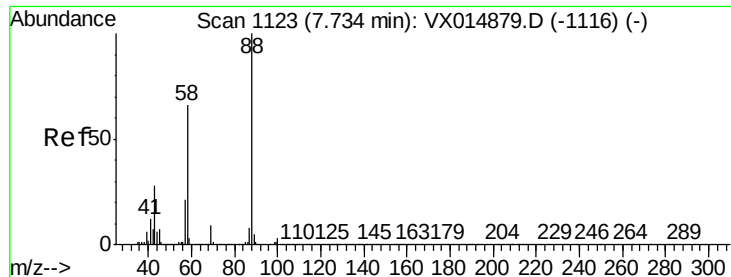
Ion Ratio Lower Upper

41 100

69 82.7 65.7 98.5

39 57.3 45.8 68.8

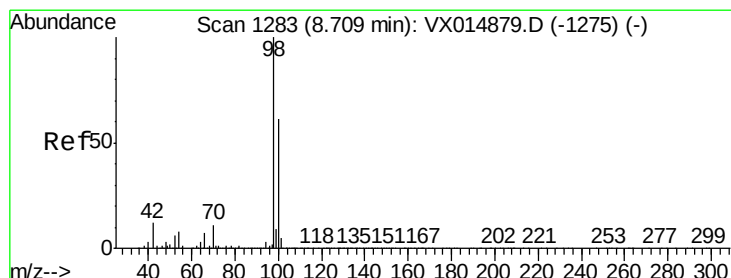
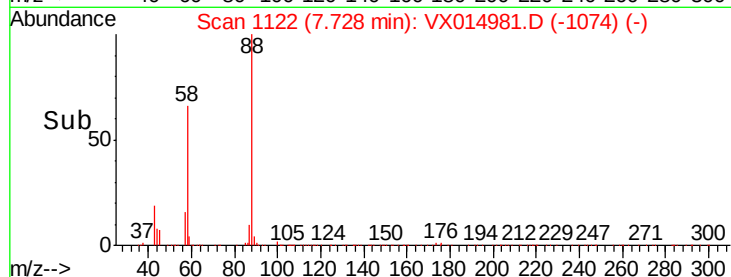
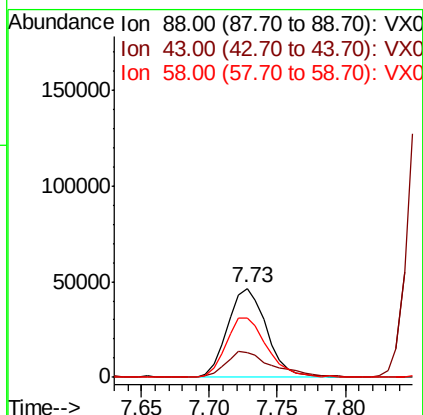
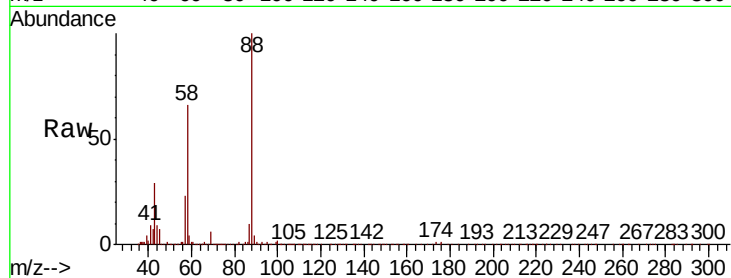




#49
1,4-Dioxane
Concen: 1004.930 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

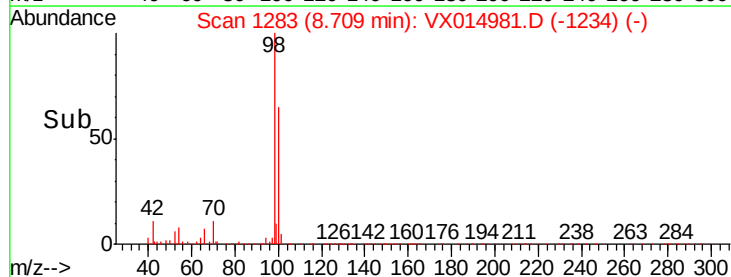
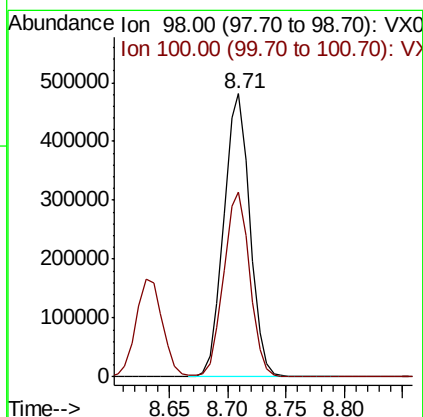
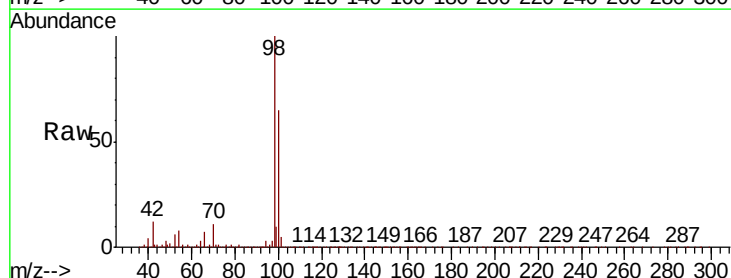
Instrument :
MSVOA_X
ClientSampleId :

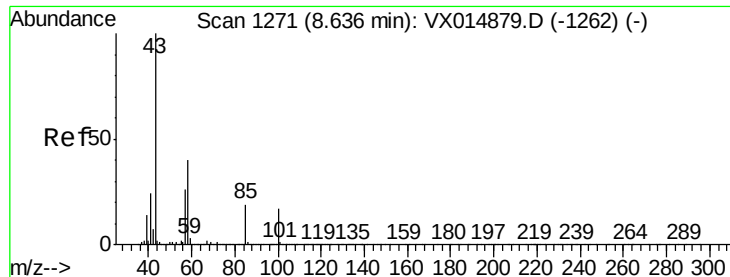
Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	69.7	53.2	79.8



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 256.778 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

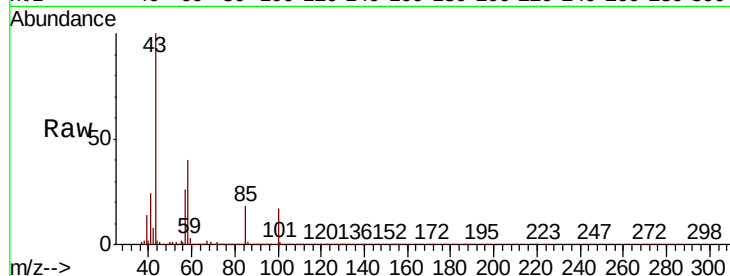
ClientSampled :

Tot Ion: 43 Resp: 1541911

Ion Ratio Lower Upper

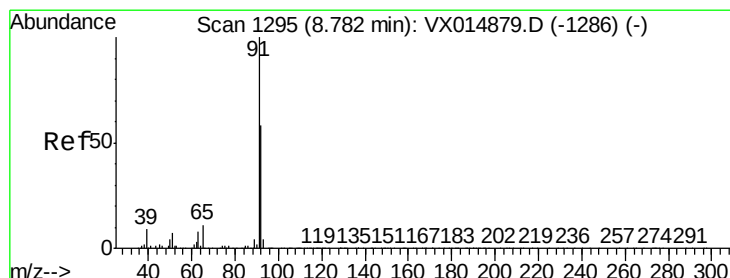
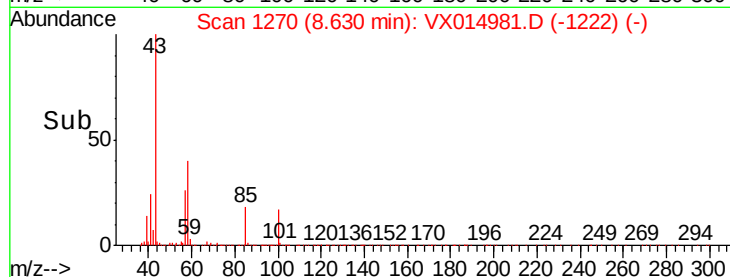
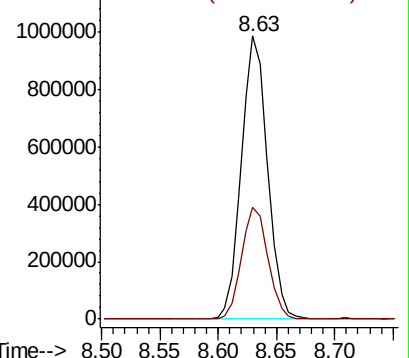
43 100

58 39.9 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.691 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014981.D

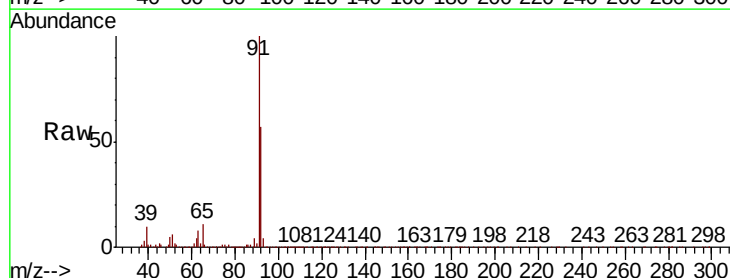
Acq: 20 Feb 2020 16:50

Tgt Ion: 92 Resp: 545043

Ion Ratio Lower Upper

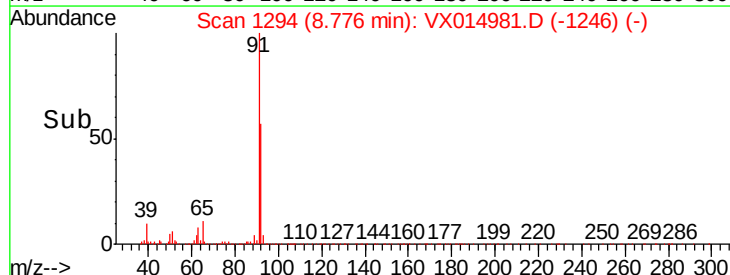
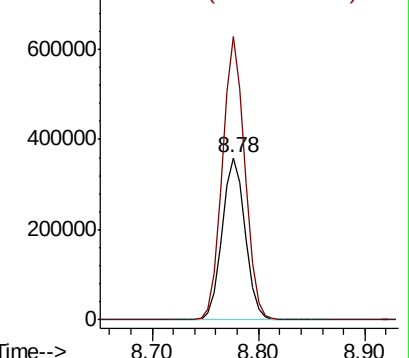
92 100

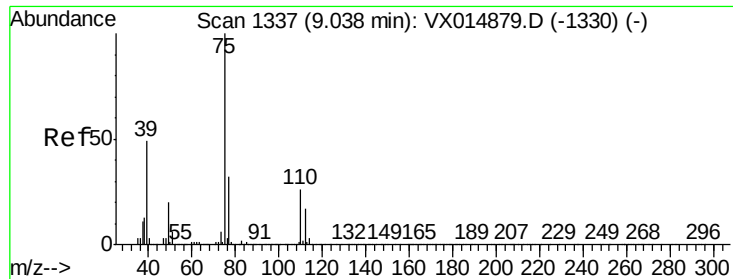
91 171.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

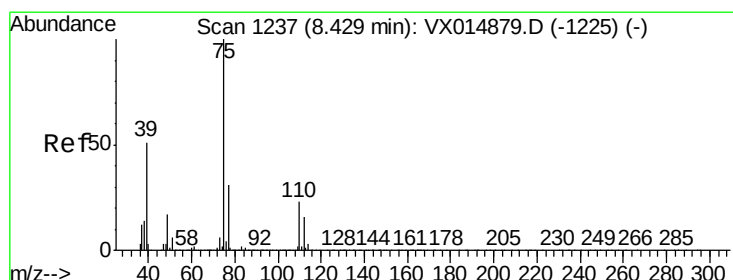
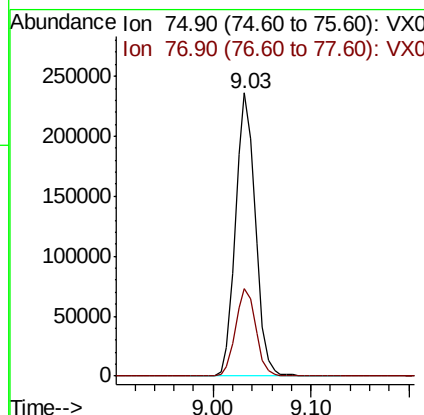
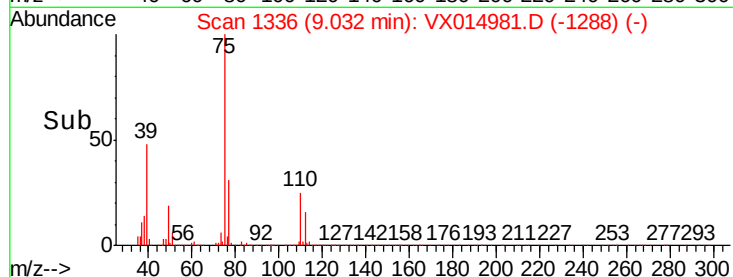
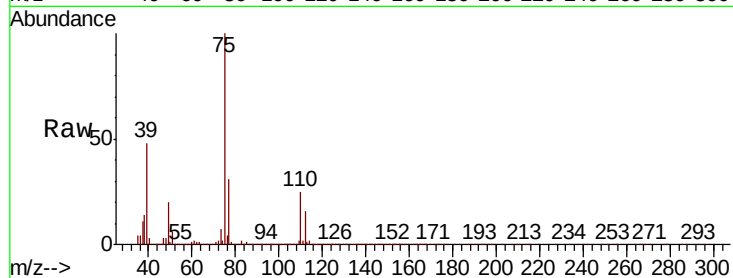




#53
 t-1,3-Dichloropropene
 Concen: 50.817 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

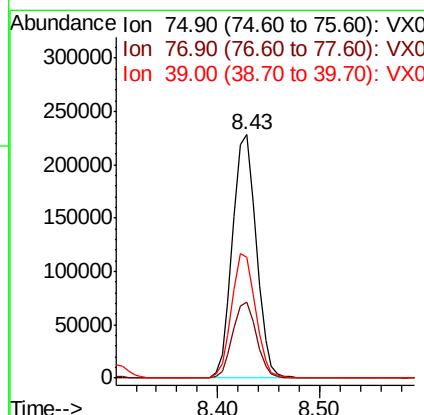
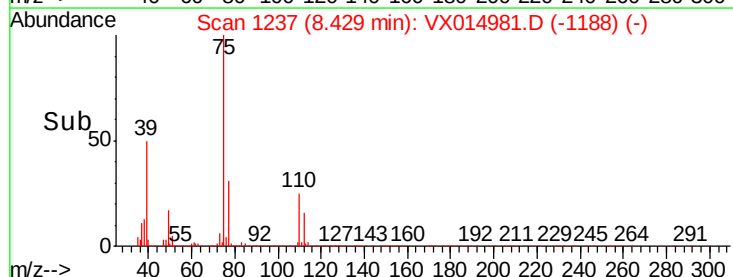
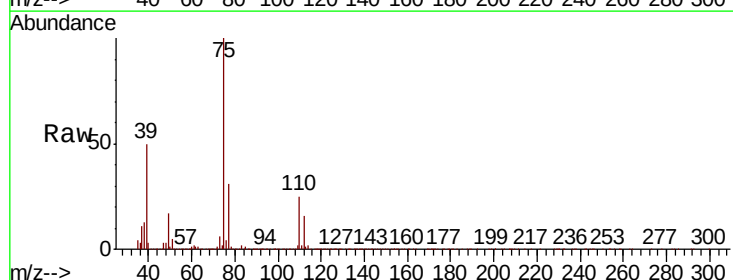
Instrument :
 MSVOA_X
 ClientSampleId :

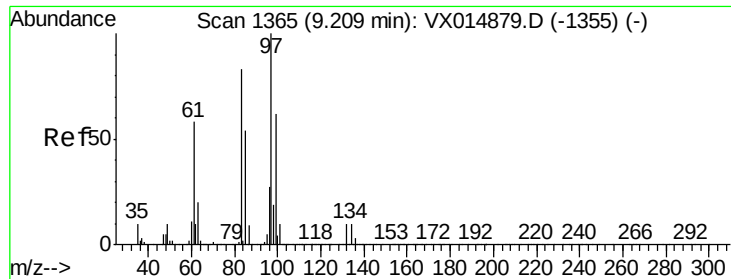
Tot Ion: 75 Resp: 332445
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.811 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion: 75 Resp: 367216
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0
 39 49.7 40.9 61.3

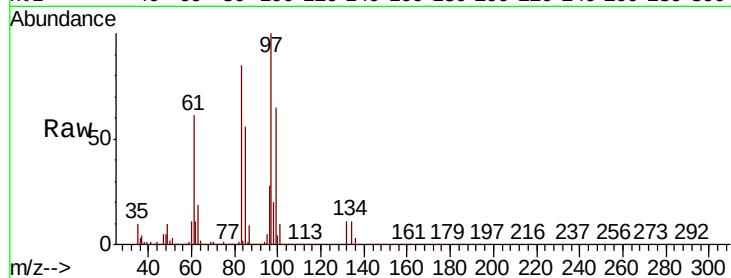




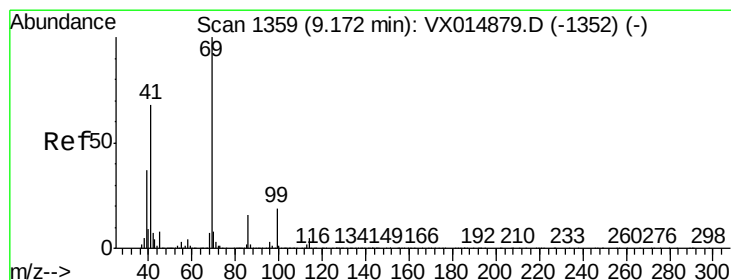
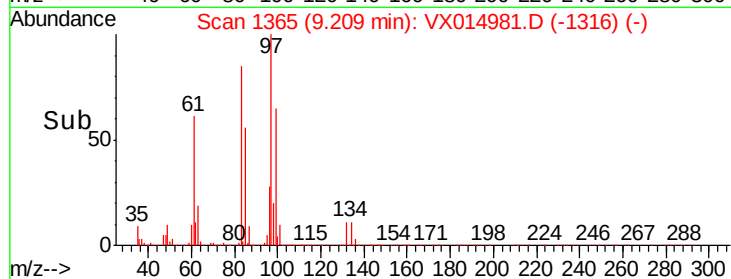
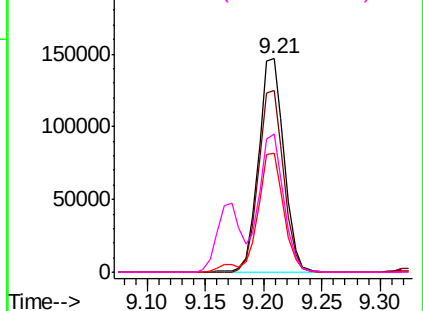
#55
 1,1,2-Trichloroethane
 Concen: 50.165 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	222619
Ion	Ratio	Lower	Upper
97	100		
83	84.8	66.6	99.8
85	55.6	43.5	65.3
99	64.8	49.6	74.4

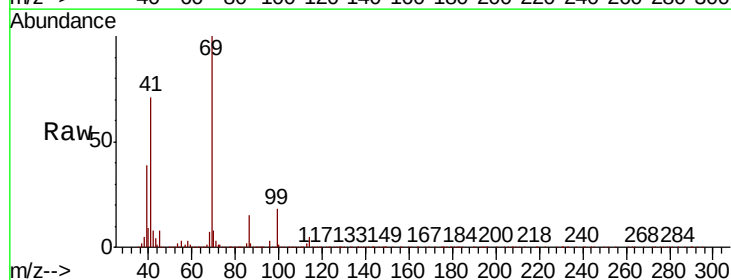


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

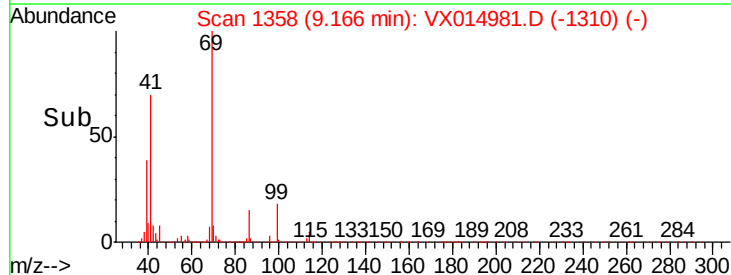
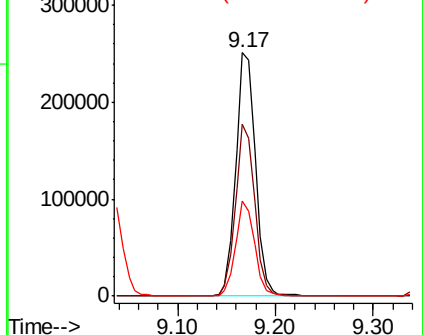


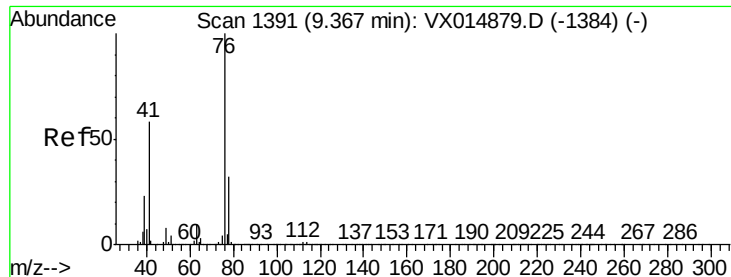
#56
 Ethyl methacrylate
 Concen: 52.423 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion:	69	Resp:	349675
Ion	Ratio	Lower	Upper
69	100		
41	69.2	54.8	82.2
39	37.6	29.9	44.9



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





#57

1,3-Dichloropropane

Concen: 50.057 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

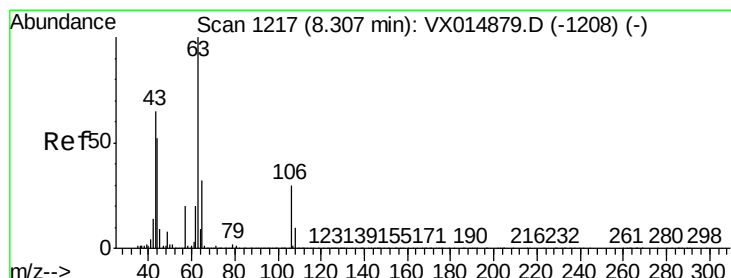
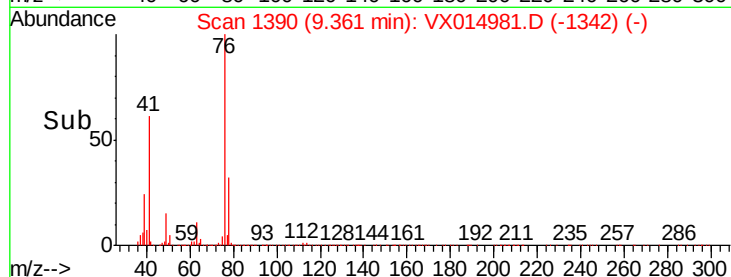
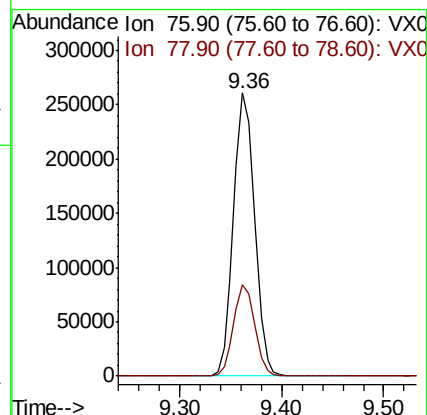
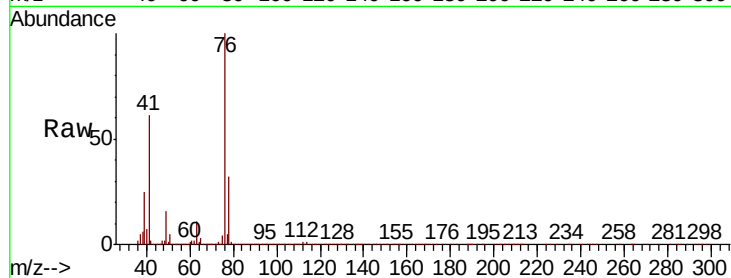
ClientSampleId :

Tot Ion: 76 Resp: 373935

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.644 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014981.D

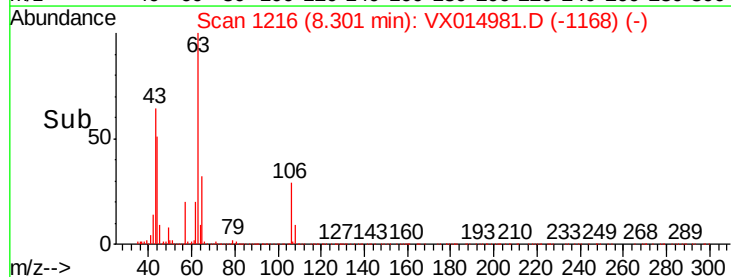
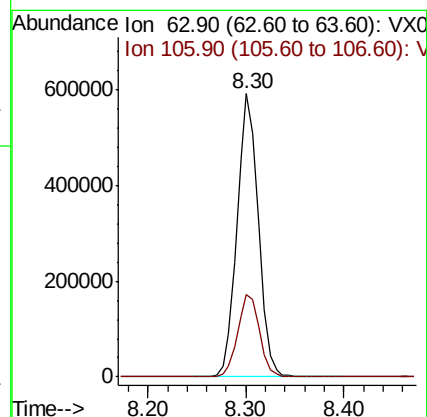
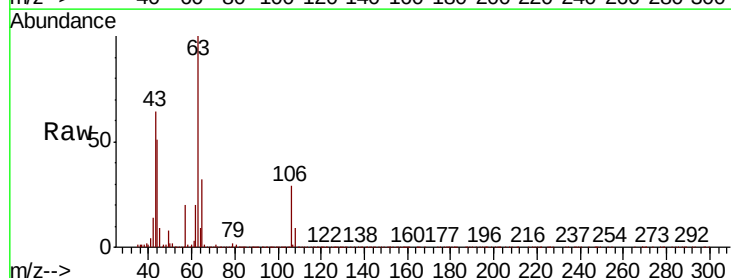
Acq: 20 Feb 2020 16:50

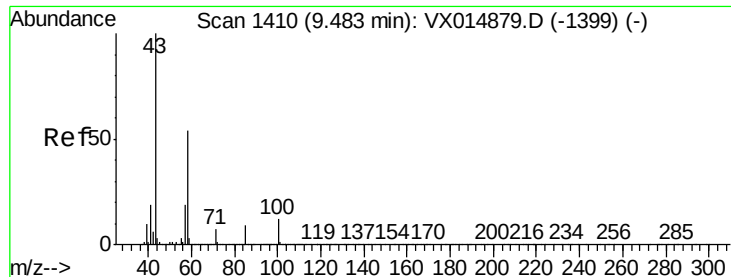
Tgt Ion: 63 Resp: 891795

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8

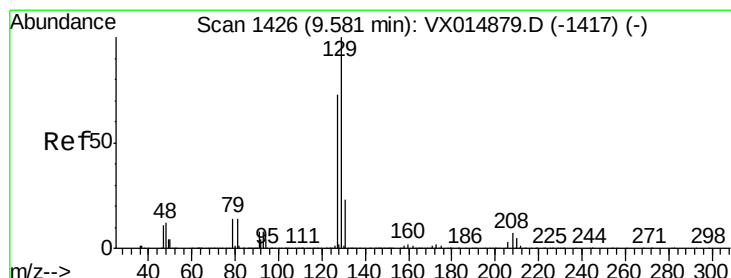
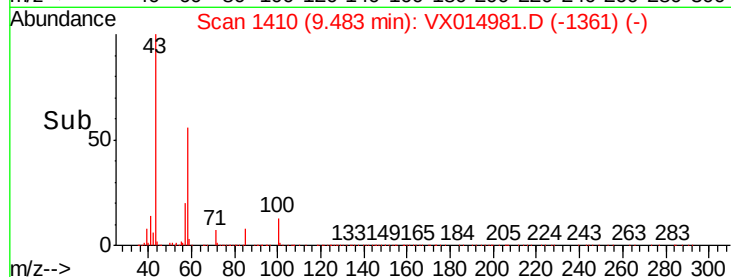
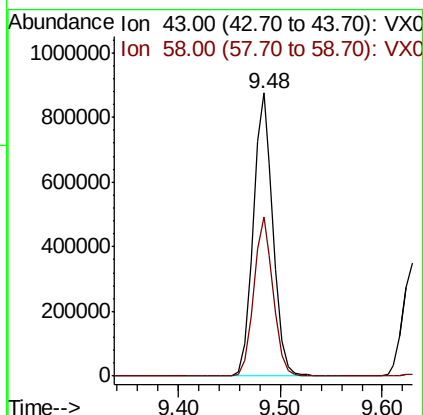
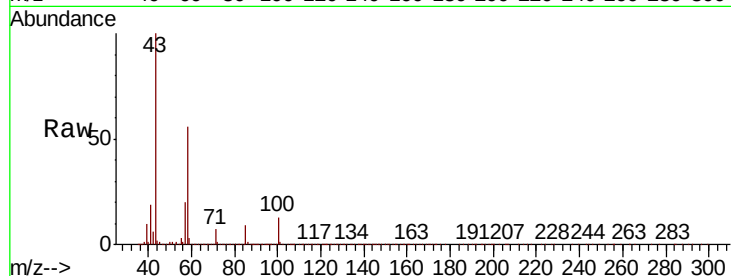




#59
2-Hexanone
Concen: 250.304 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

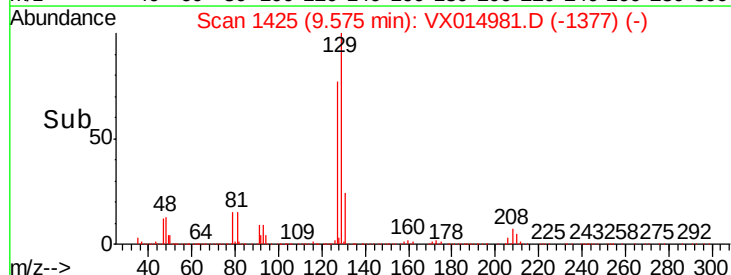
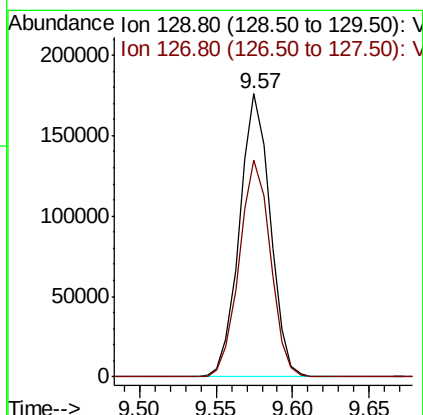
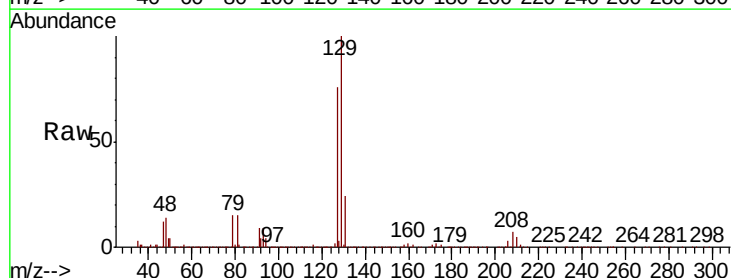
Instrument :
MSVOA_X
ClientSampleId :

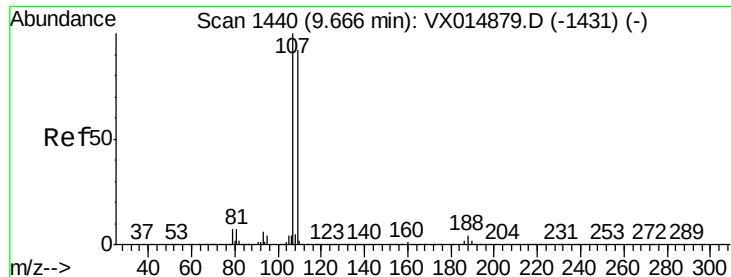
Tot Ion: 43 Resp: 1181406
Ion Ratio Lower Upper
43 100
58 55.7 27.5 82.5



#60
Dibromochloromethane
Concen: 51.254 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 129 Resp: 244773
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.3





#61

1,2-Dibromoethane

Concen: 49.571 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

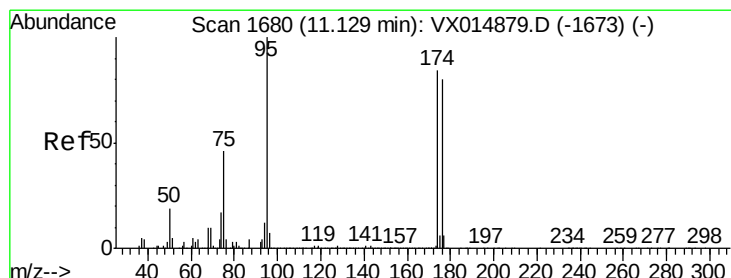
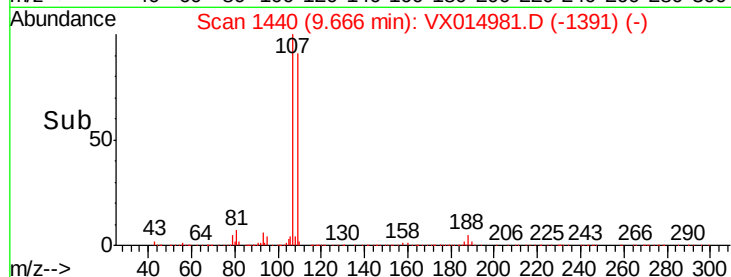
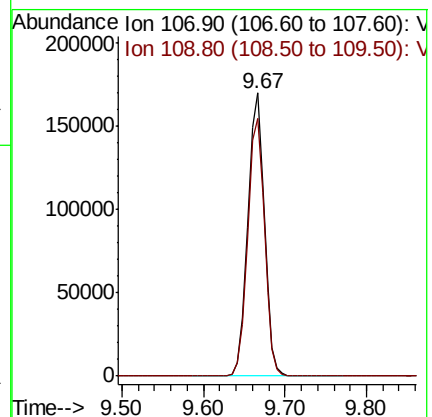
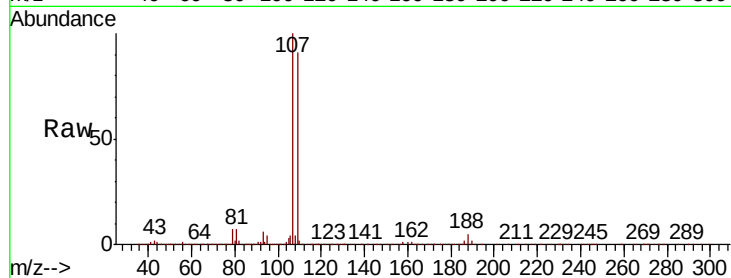
ClientSampleId :

Tot Ion: 107 Resp: 237354

Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.922 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

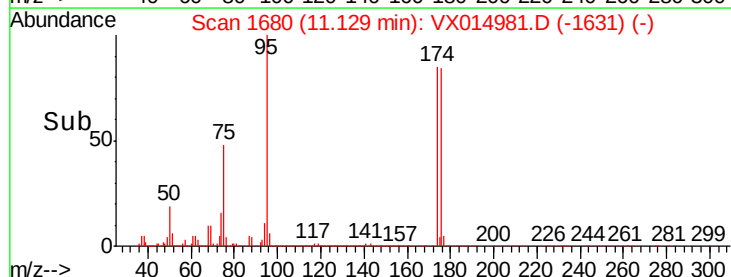
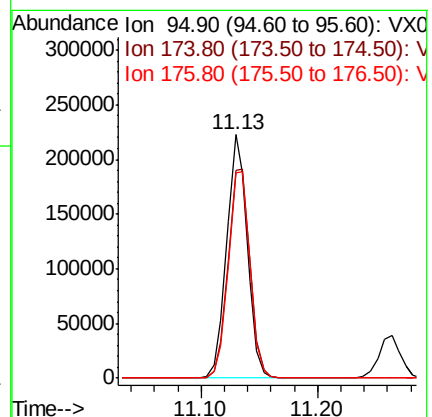
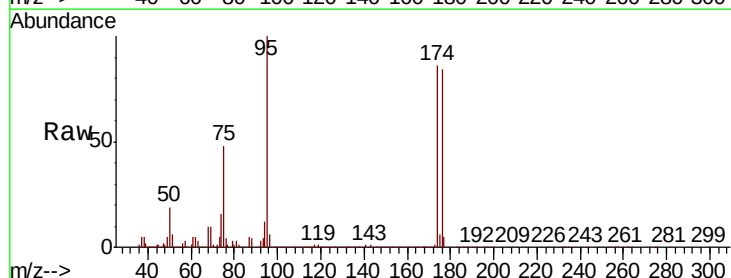
Tgt Ion: 95 Resp: 272683

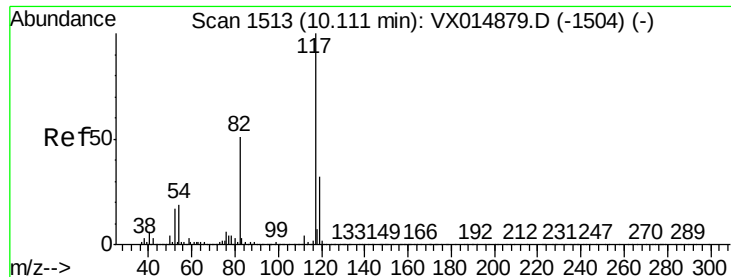
Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.0

176 89.0 0.0 178.0

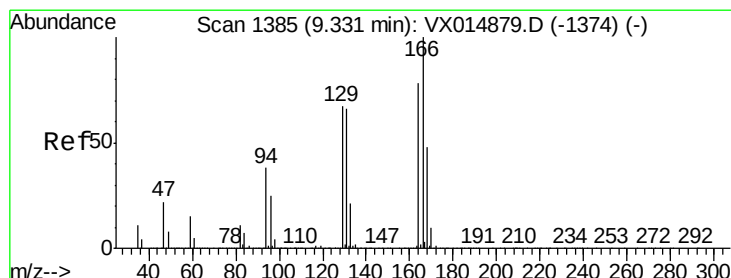
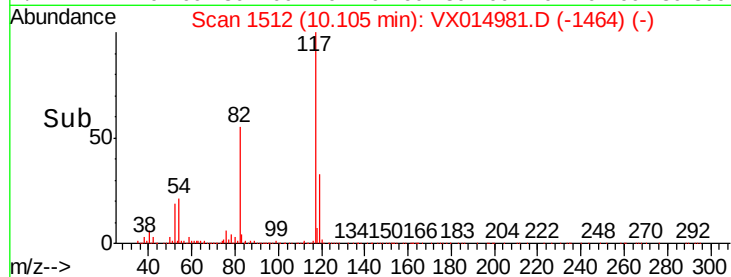
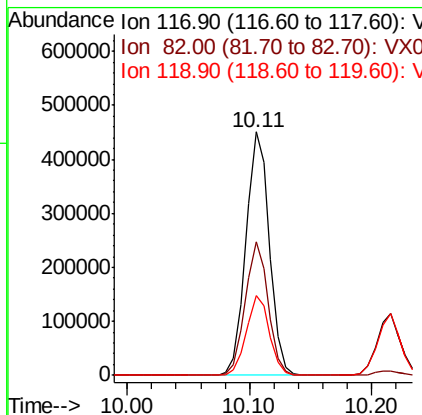
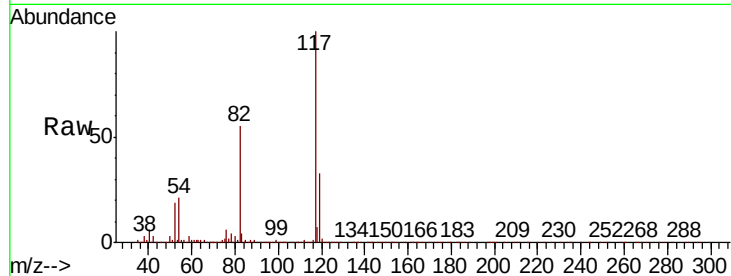




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

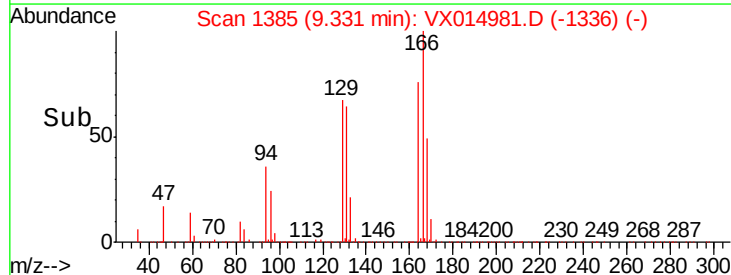
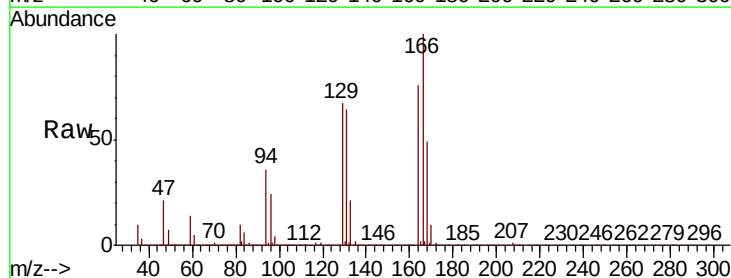
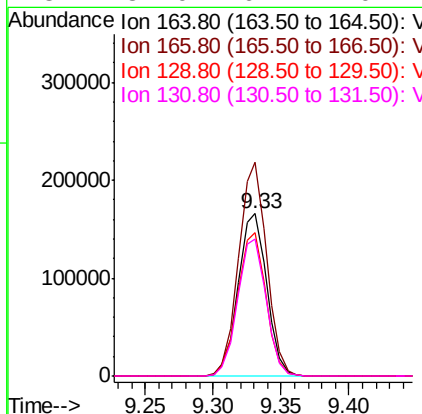
Instrument :
MSVOA_X
ClientSampled :

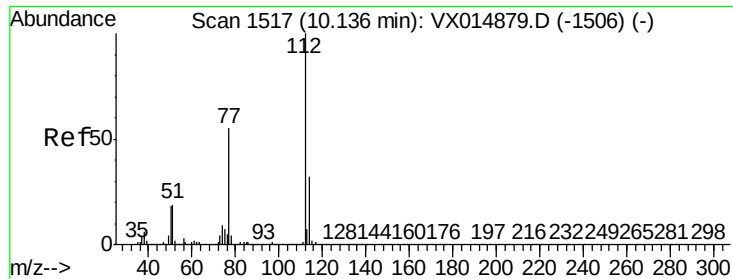
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	40.5	60.7
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 43.505 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	102.6	153.8
129	88.4	68.3	102.5
131	84.0	67.4	101.2

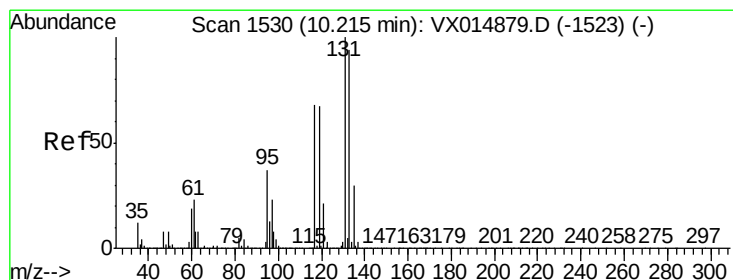
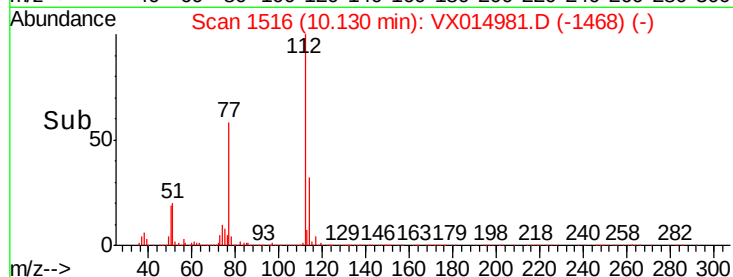
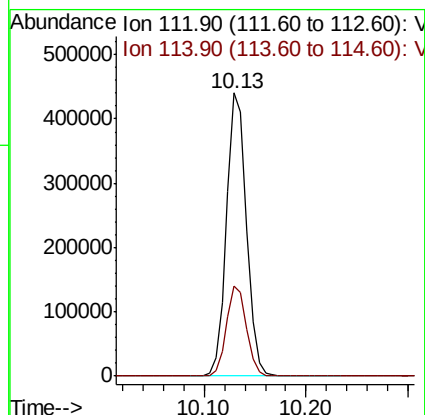
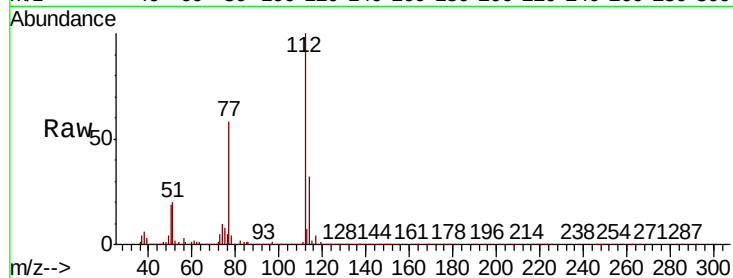




#65
Chlorobenzene
Concen: 48.974 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

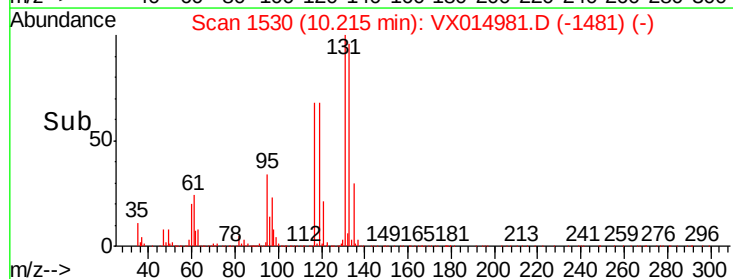
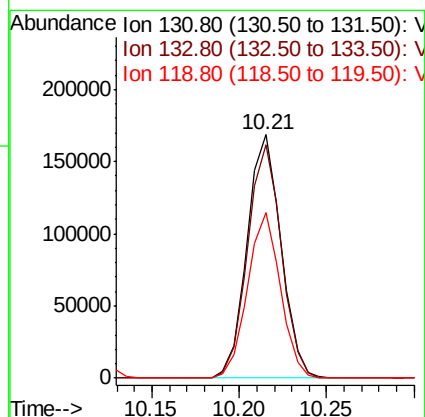
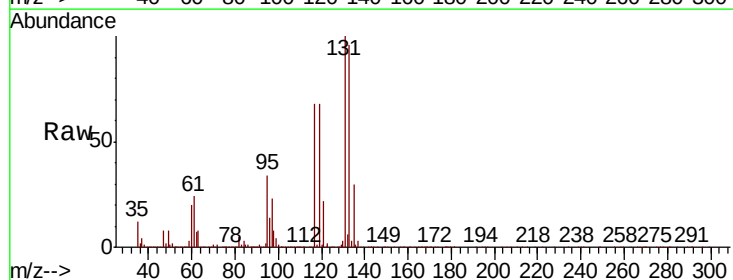
Instrument :
MSVOA_X
ClientSampleId :

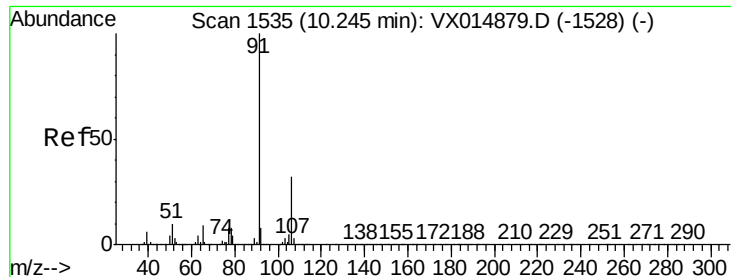
Tot Ion:112 Resp: 595820
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.330 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion:131 Resp: 226714
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.4
119 66.3 33.0 99.0

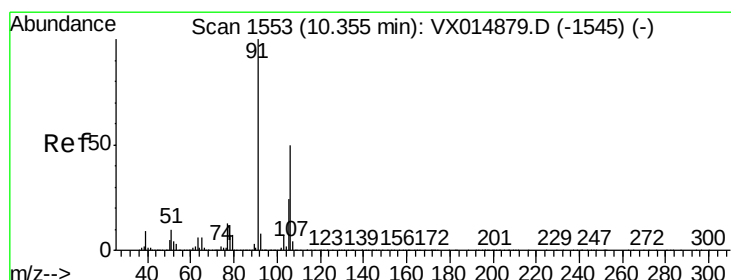
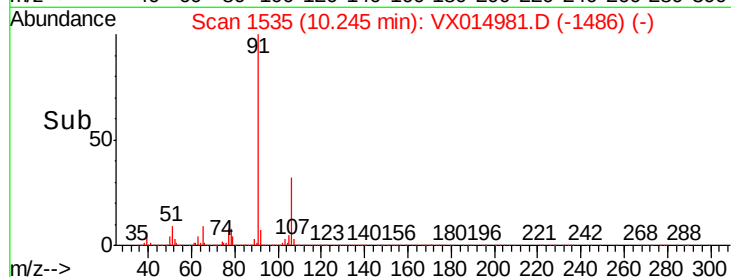
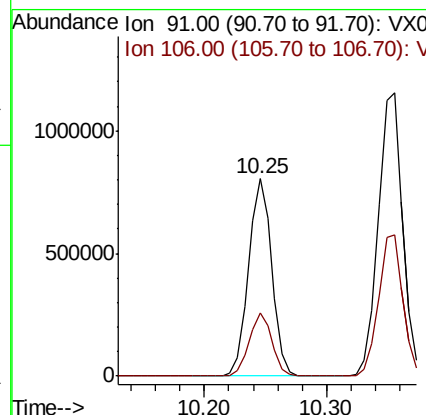
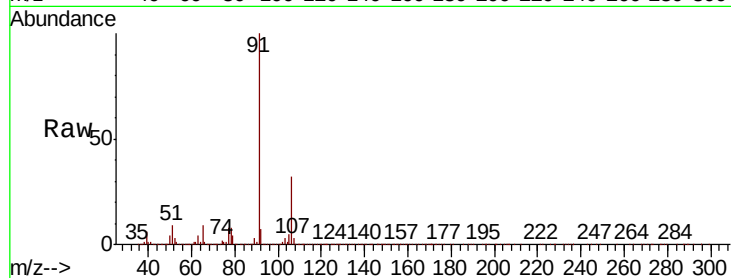




#67
Ethyl Benzene
Concen: 50.962 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

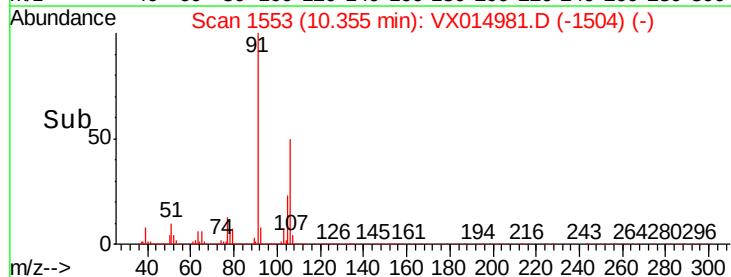
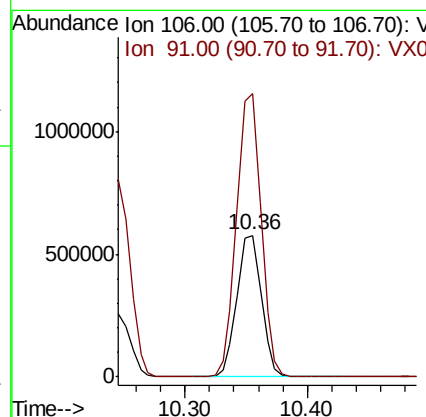
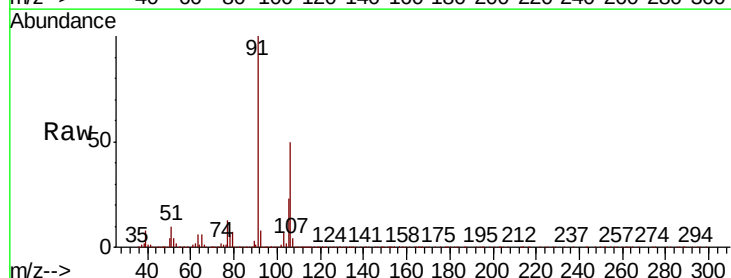
Instrument :
MSVOA_X
ClientSampleId :

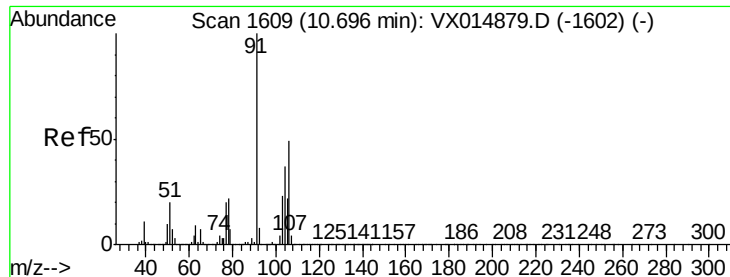
Tot Ion: 91 Resp: 1054427
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



#68
m/p-Xylenes
Concen: 100.236 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 106 Resp: 798948
Ion Ratio Lower Upper
106 100
91 200.6 160.6 240.8

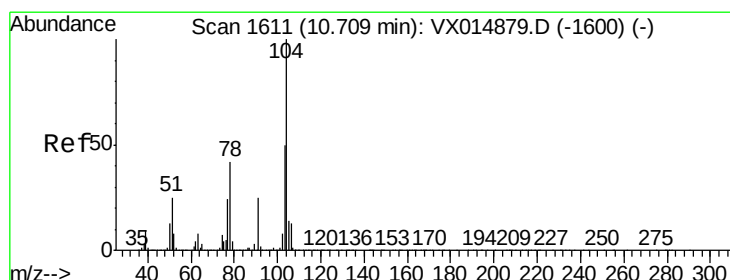
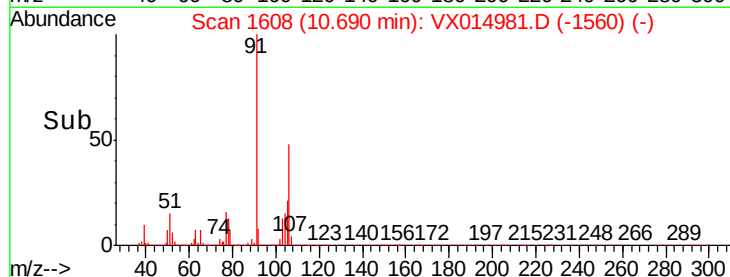
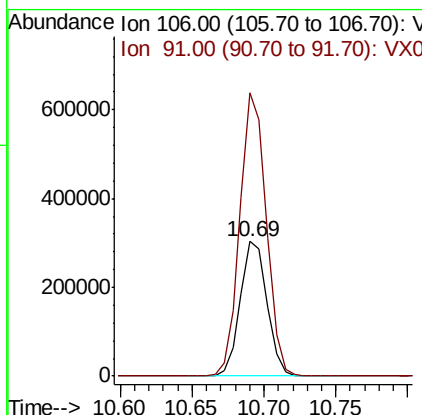
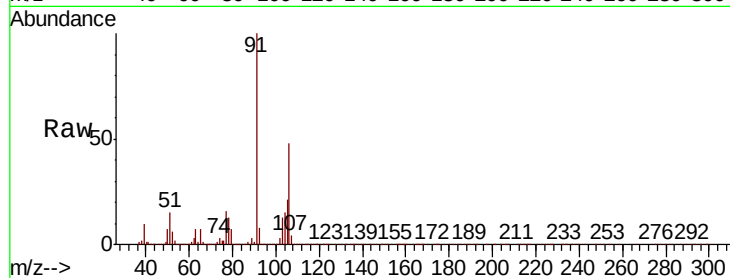




#69
o-Xylene
Concen: 51.214 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

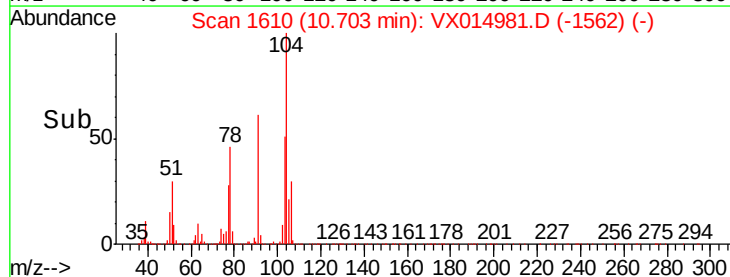
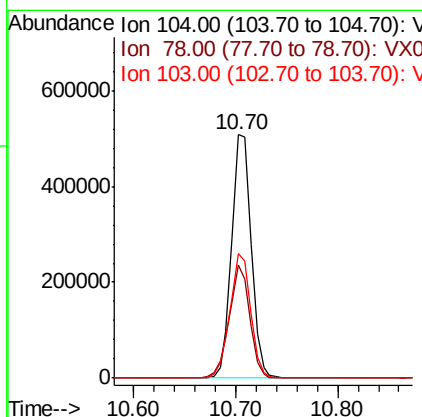
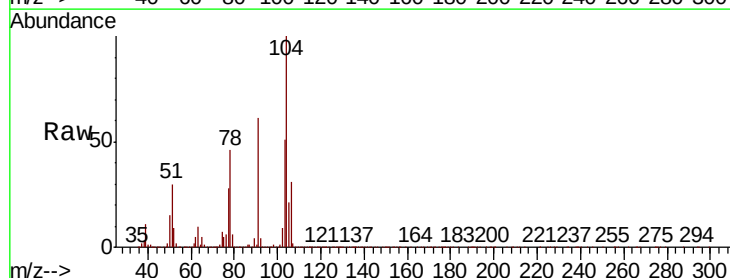
Instrument :
MSVOA_X
ClientSampleId :

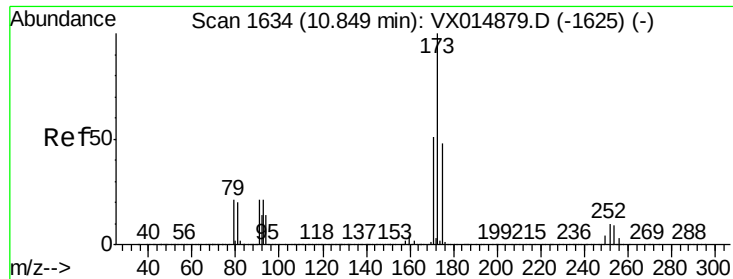
Tot Ion:106 Resp: 392399
Ion Ratio Lower Upper
106 100
91 207.5 105.1 315.3



#70
Styrene
Concen: 51.825 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion:104 Resp: 671762
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.0 43.4 65.0





#71

Bromoform

Concen: 52.915 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

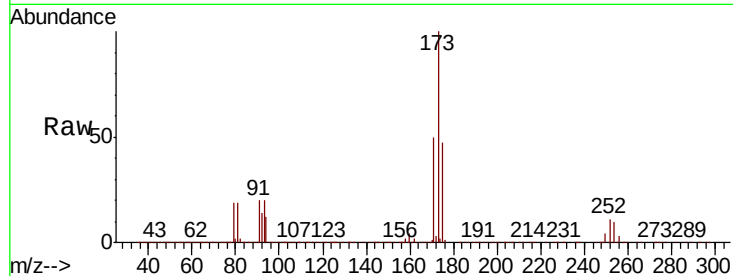
Tot Ion:173 Resp: 195081

Ion Ratio Lower Upper

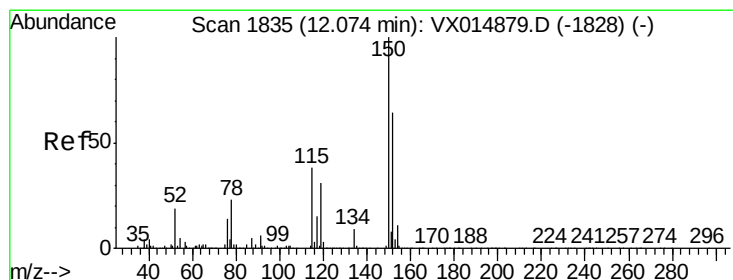
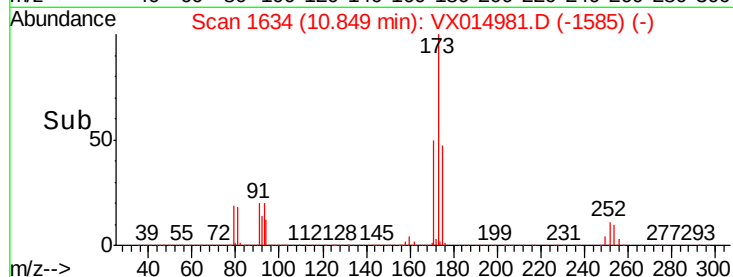
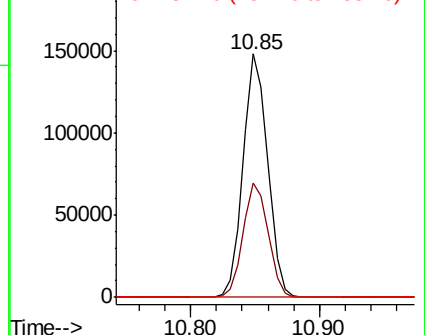
173 100

175 48.0 24.2 72.6

254 0.2 0.2 0.2



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: VX014981.D

Acq: 20 Feb 2020 16:50

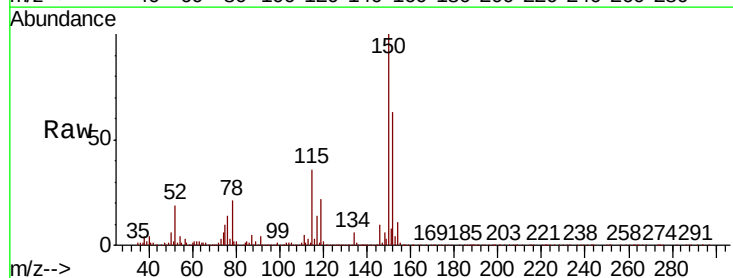
Tgt Ion:152 Resp: 317789

Ion Ratio Lower Upper

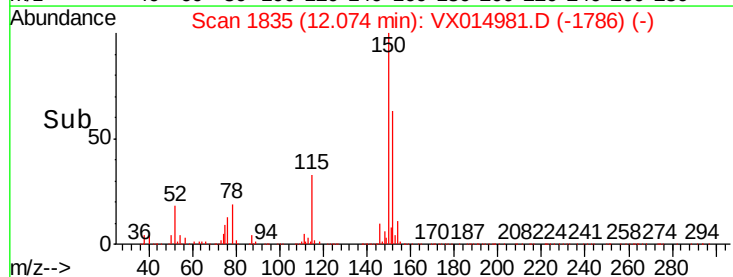
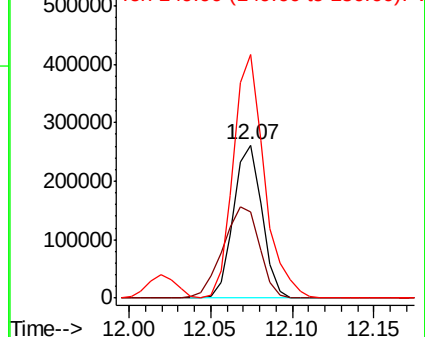
152 100

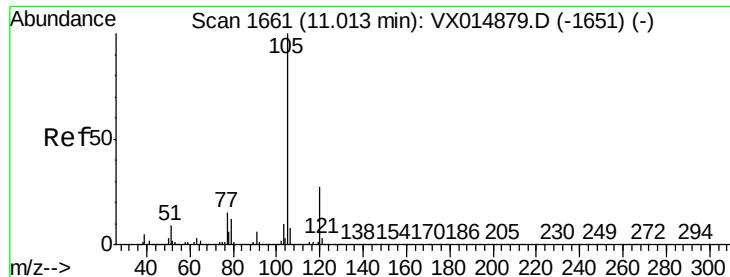
115 76.8 38.6 116.0

150 173.7 0.0 349.0



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: 52.519 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

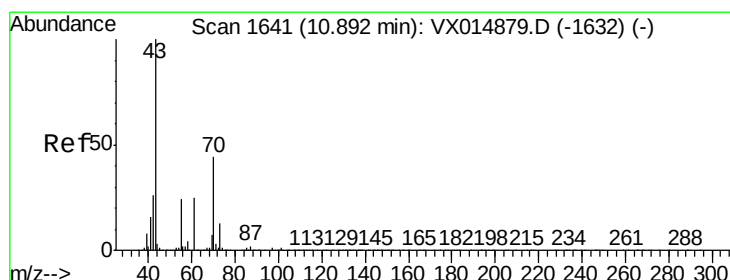
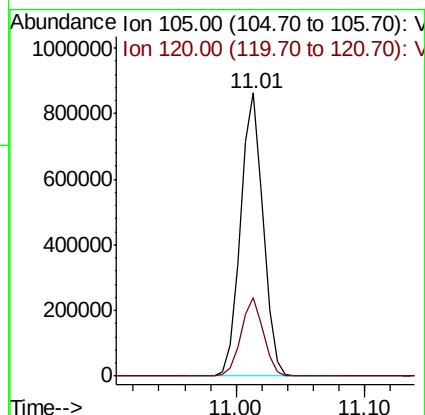
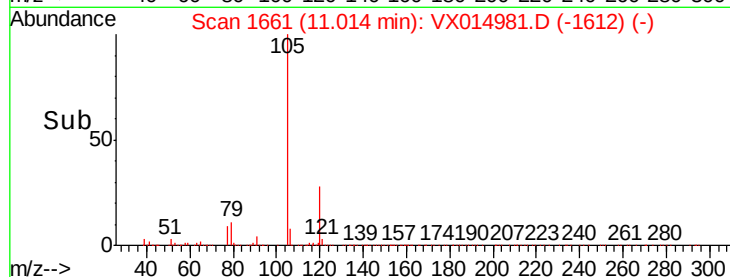
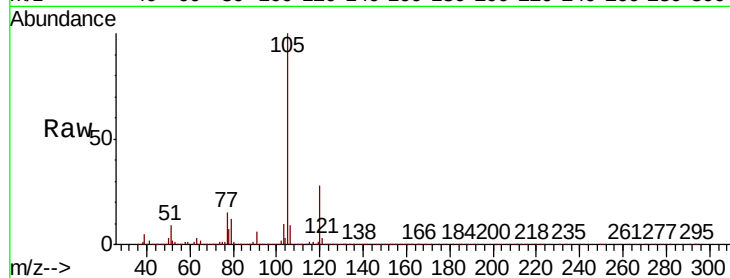
ClientSampleId :

Tot Ion:105 Resp: 1046643

Ion Ratio Lower Upper

105 100

120 27.3 13.6 40.8



#74

N-ethyl acetate

Concen: 54.079 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Tgt Ion: 43 Resp: 447804

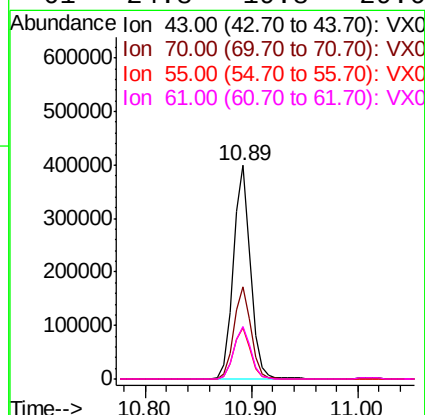
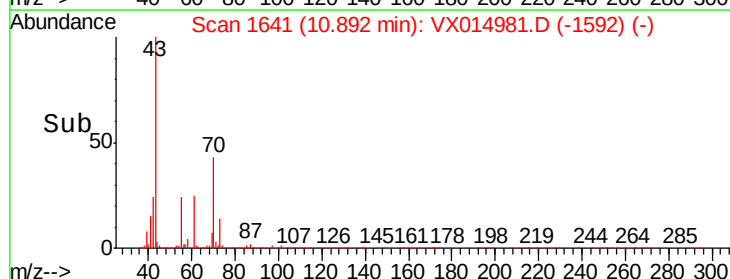
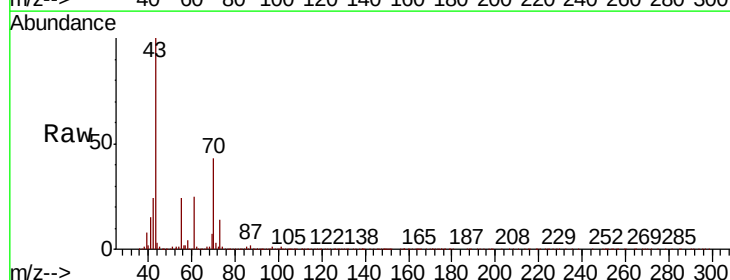
Ion Ratio Lower Upper

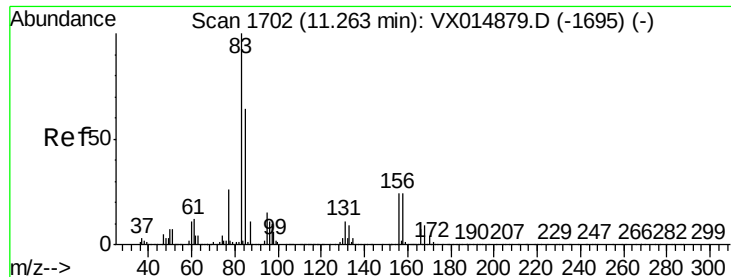
43 100

70 43.6 35.0 52.4

55 23.7 19.4 29.2

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.545 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

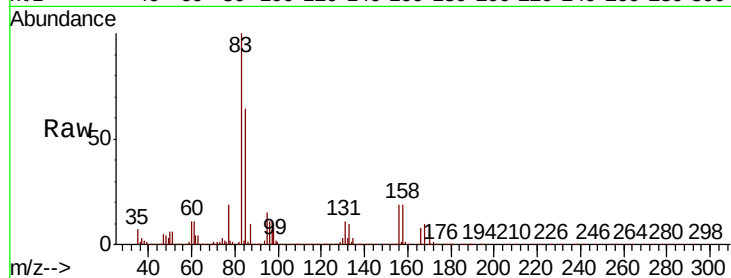
Tot Ion: 83 Resp: 335792

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

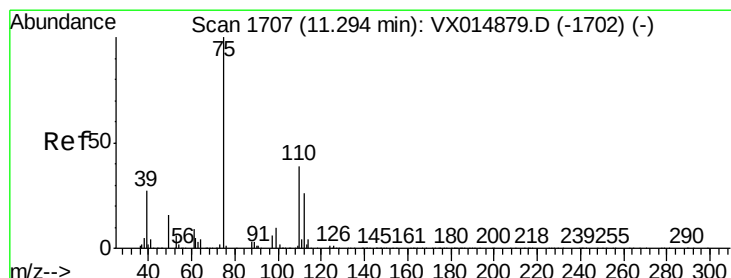
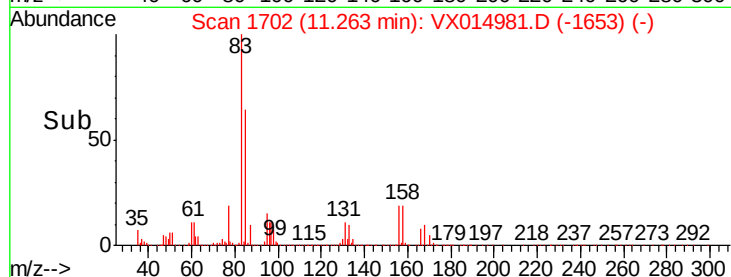
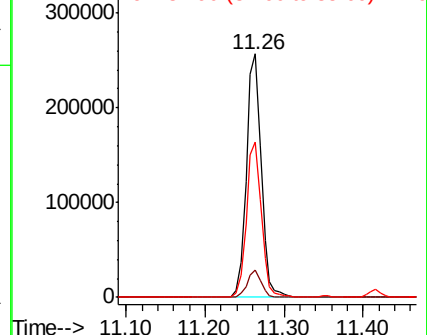
85 63.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.100 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014981.D

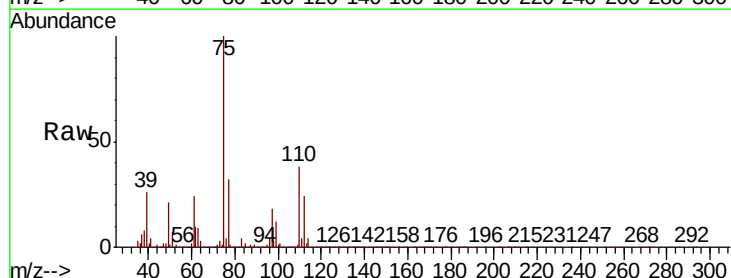
Acq: 20 Feb 2020 16:50

Tgt Ion: 75 Resp: 391350

Ion Ratio Lower Upper

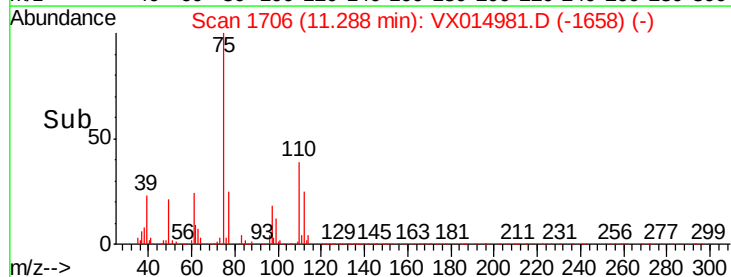
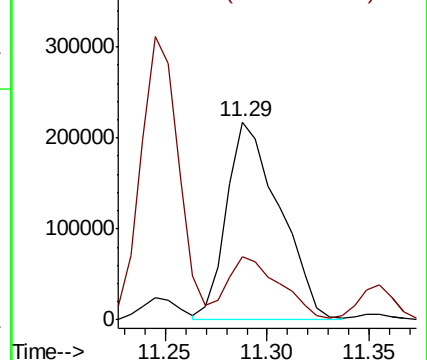
75 100

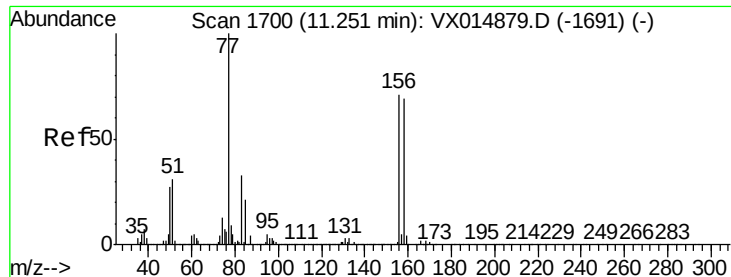
77 31.8 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.455 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

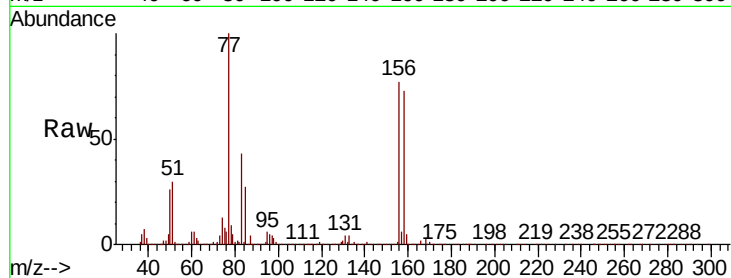
Tot Ion:156 Resp: 280648

Ion Ratio Lower Upper

156 100

77 142.7 74.0 222.0

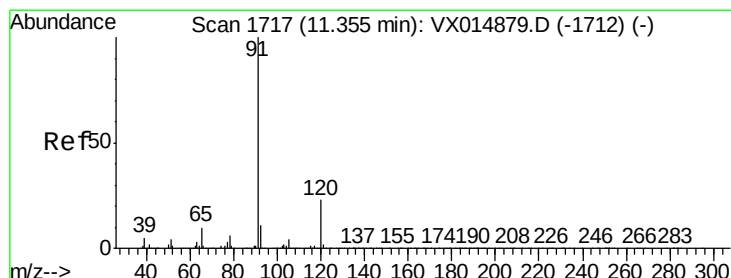
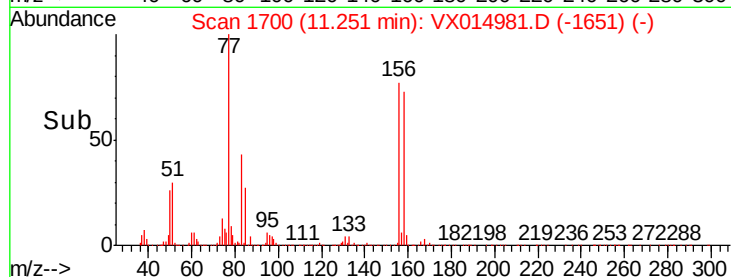
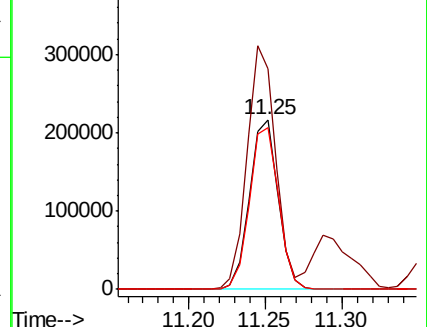
158 97.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.958 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014981.D

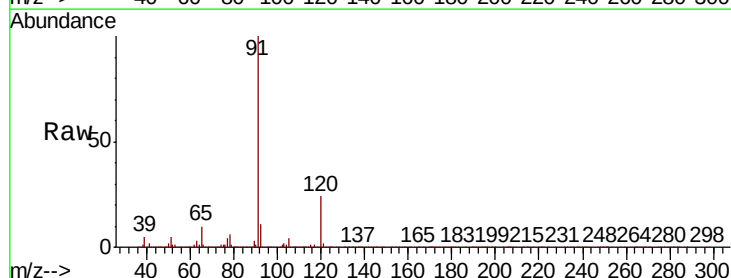
Acq: 20 Feb 2020 16:50

Tgt Ion: 91 Resp: 1197626

Ion Ratio Lower Upper

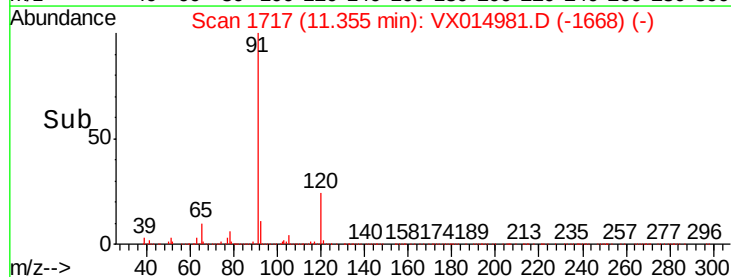
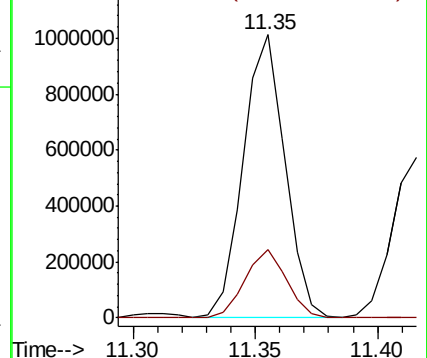
91 100

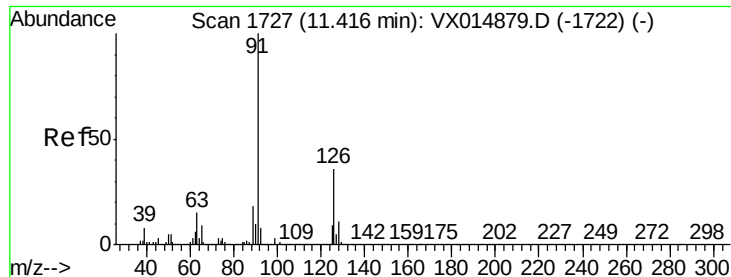
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

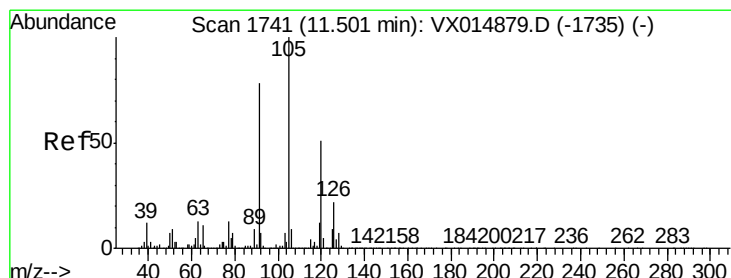
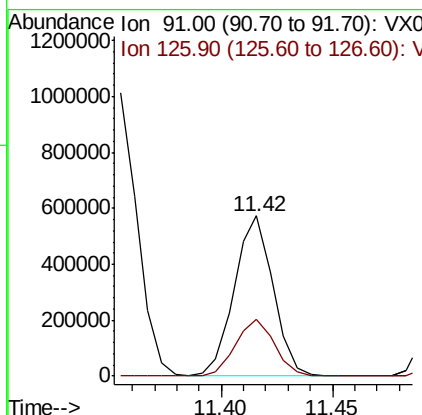
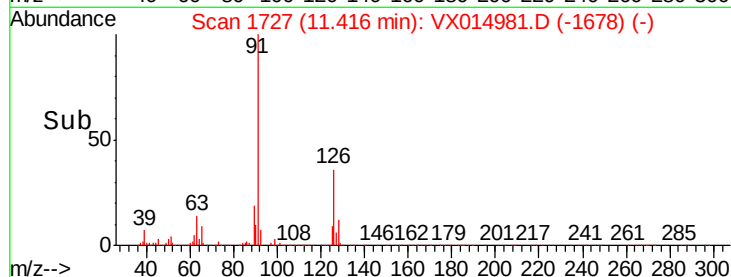
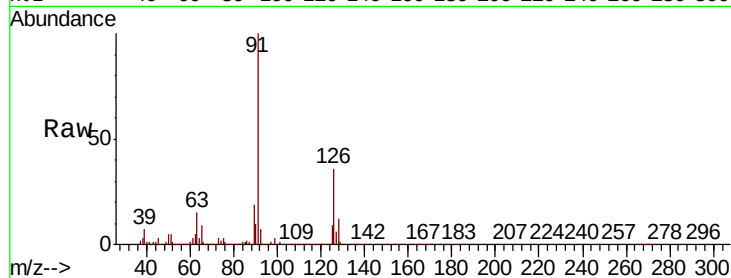




#79
2-Chlorotoluene
Concen: 51.071 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

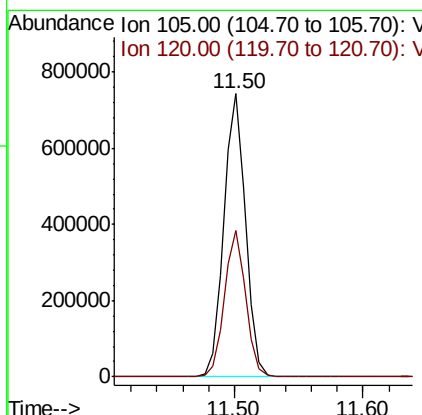
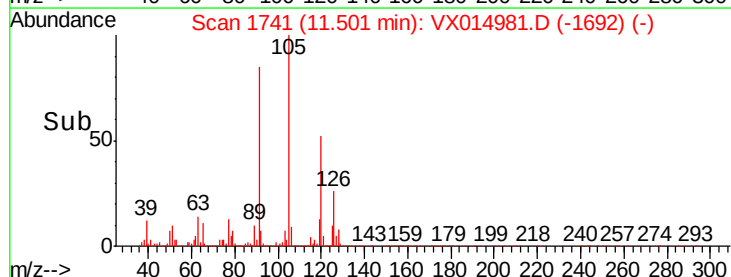
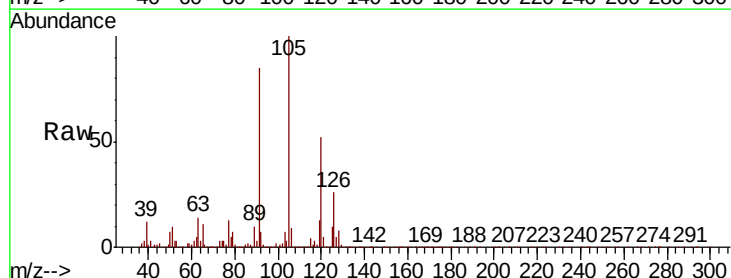
Instrument :
MSVOA_X
ClientSampled :

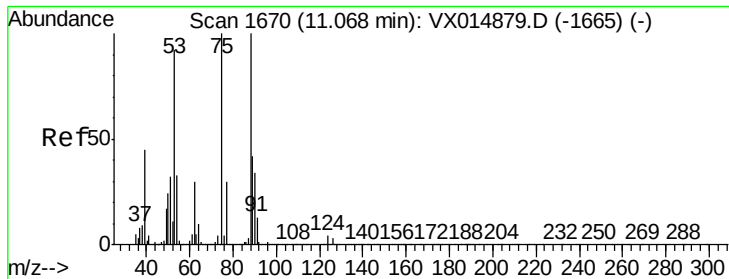
Tot Ion: 91 Resp: 692049
Ion Ratio Lower Upper
91 100
126 35.8 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 52.961 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion: 105 Resp: 881899
Ion Ratio Lower Upper
105 100
120 50.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.723 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampleId :

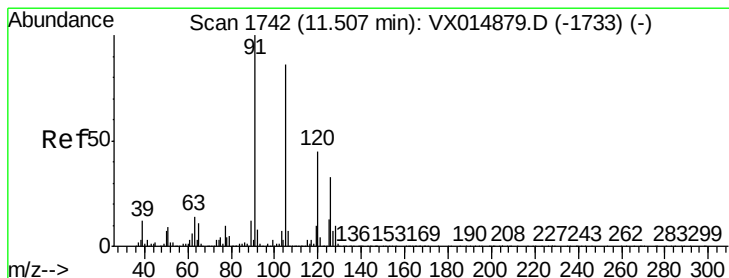
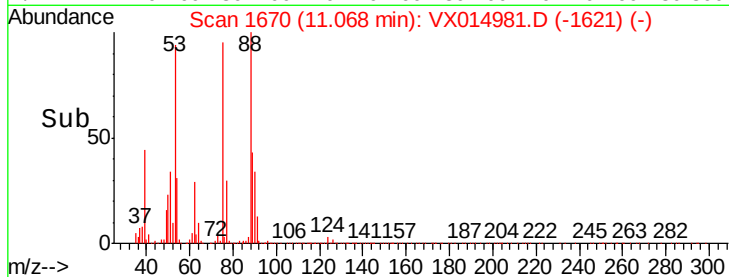
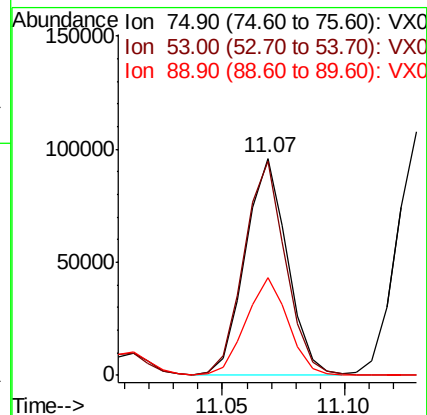
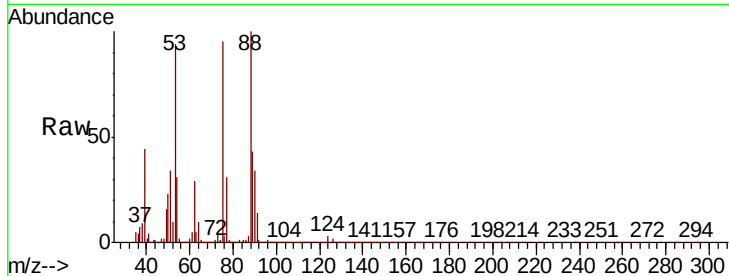
Tot Ion: 75 Resp: 113876

Ion Ratio Lower Upper

75 100

53 98.6 76.2 114.2

89 45.9 35.8 53.6



#82

4-Chlorotoluene

Concen: 51.018 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014981.D

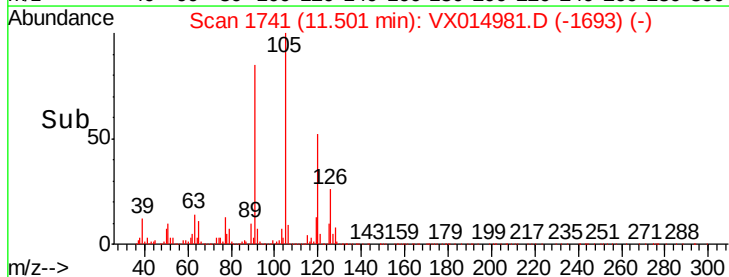
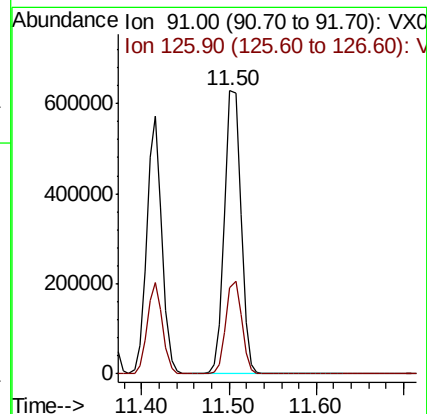
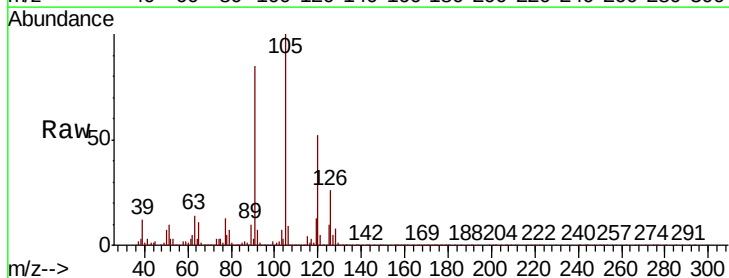
Acq: 20 Feb 2020 16:50

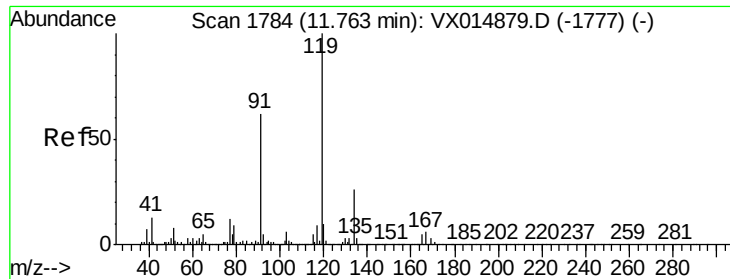
Tgt Ion: 91 Resp: 818698

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.0

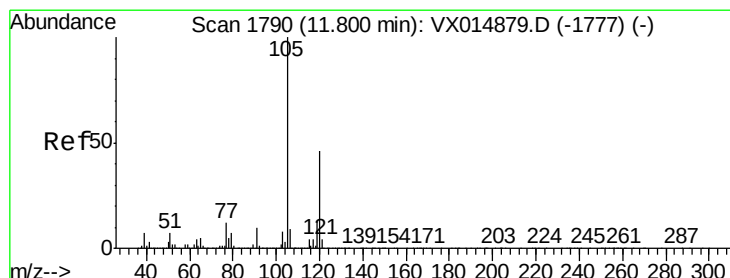
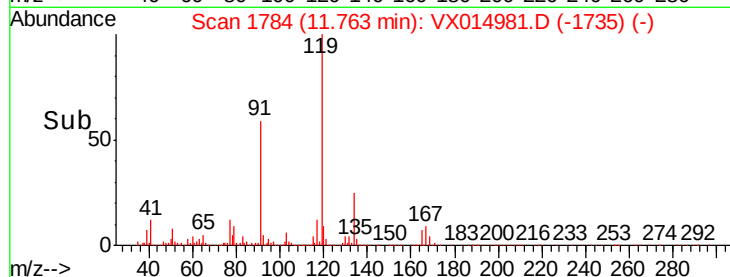
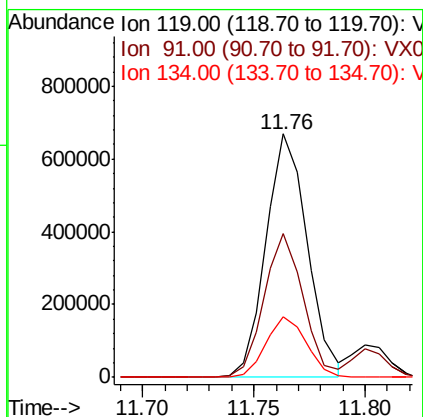
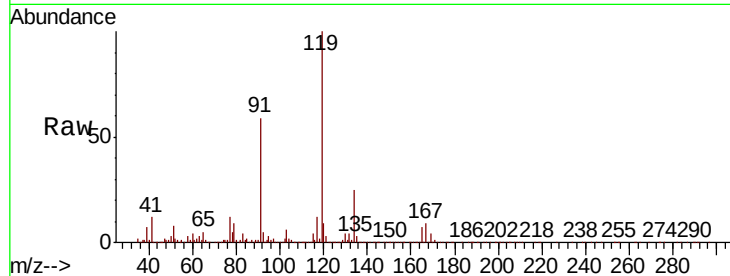




#83
 tert-Butylbenzene
 Concen: 54.790 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

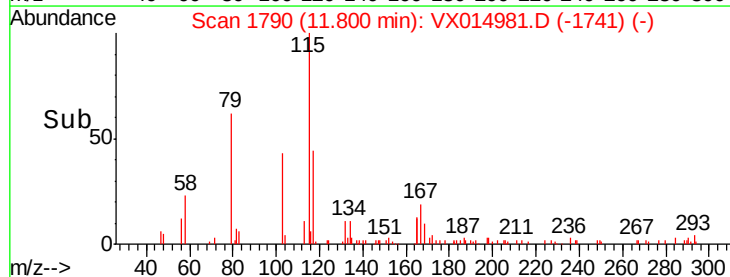
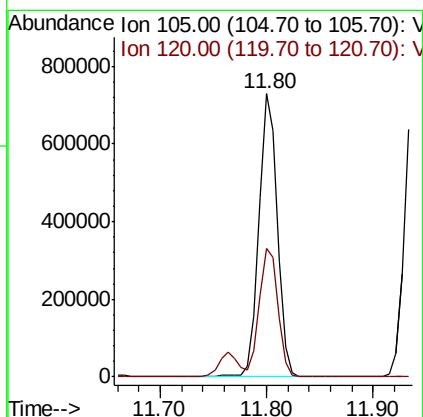
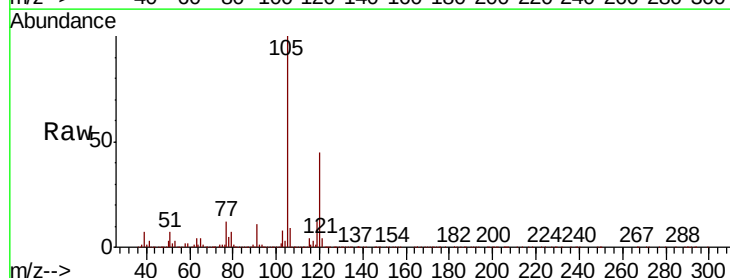
Instrument :
 MSVOA_X
 ClientSampled :

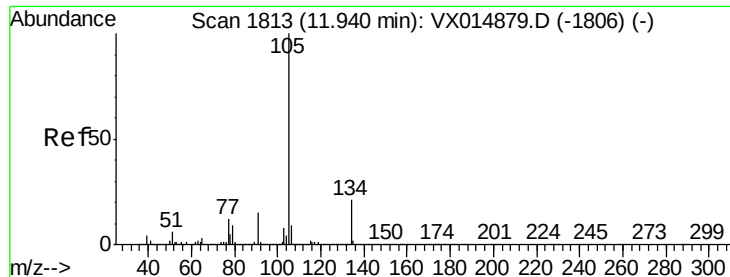
Tot Ion:119 Resp: 863960
 Ion Ratio Lower Upper
 119 100
 91 56.1 29.5 88.6
 134 24.4 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.740 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion:105 Resp: 885042
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0

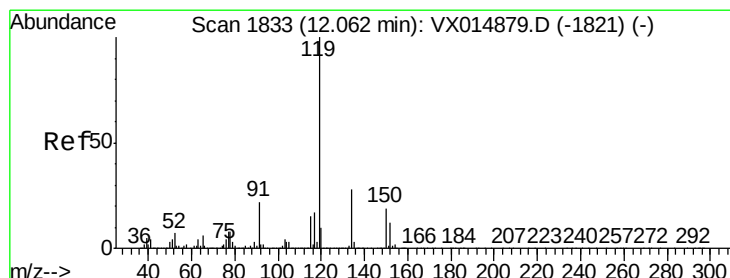
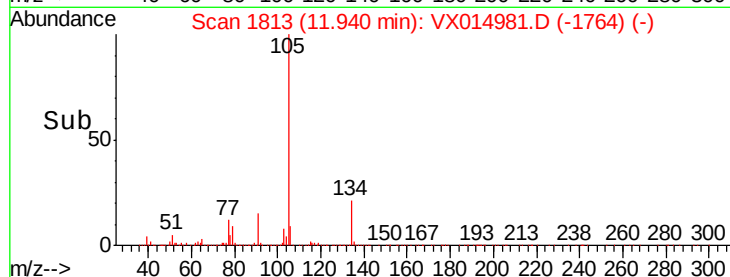
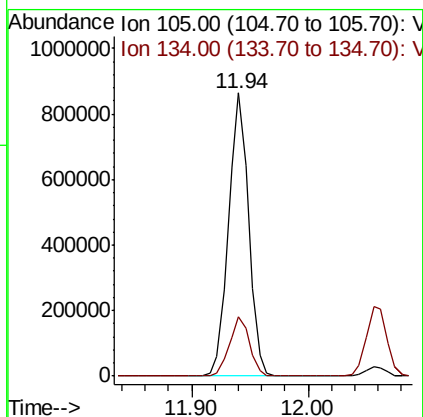
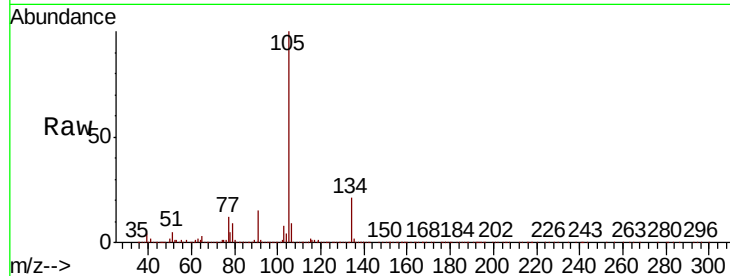




#85
 sec-Butylbenzene
 Concen: 52.654 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

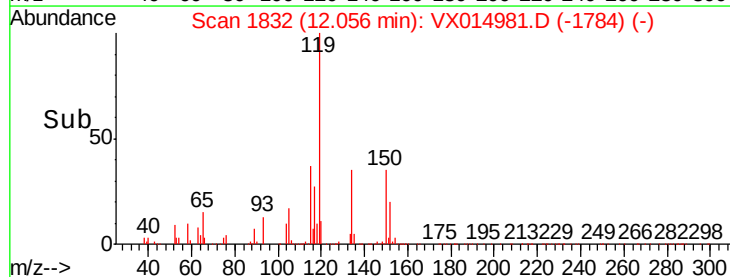
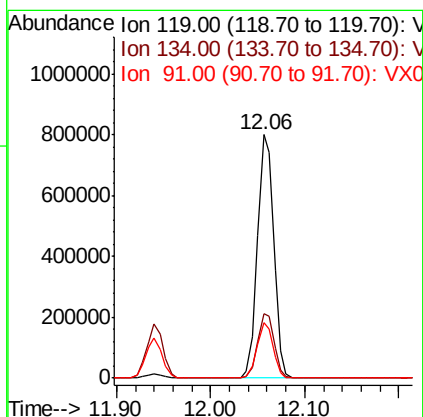
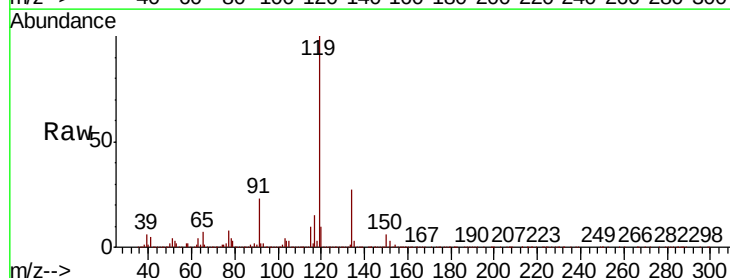
Instrument :
 MSVOA_X
 ClientSampleId :

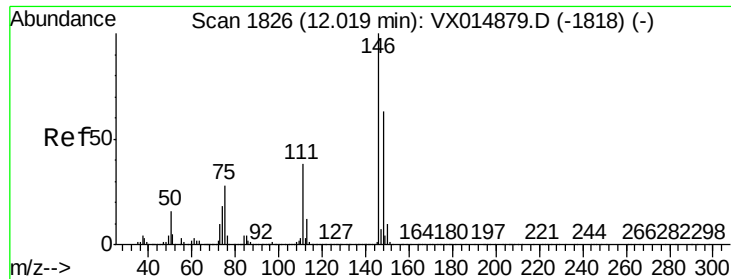
Tot Ion:105 Resp: 1031426
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 52.808 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion:119 Resp: 968015
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 22.3 11.4 34.1

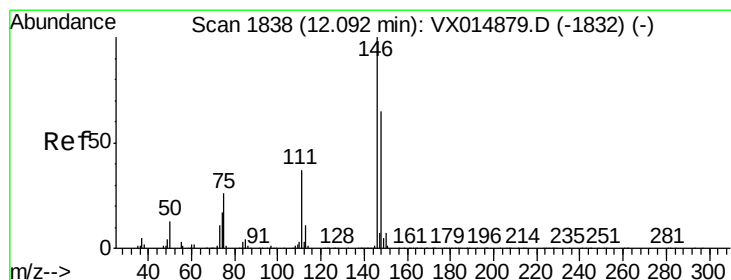
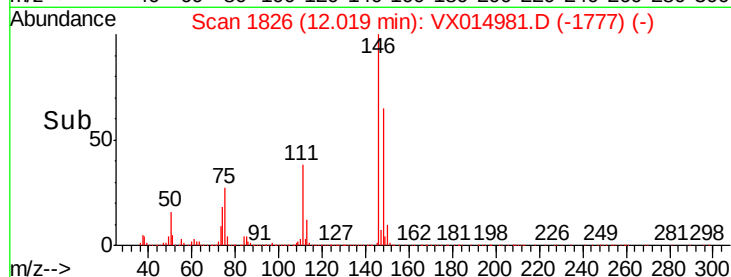
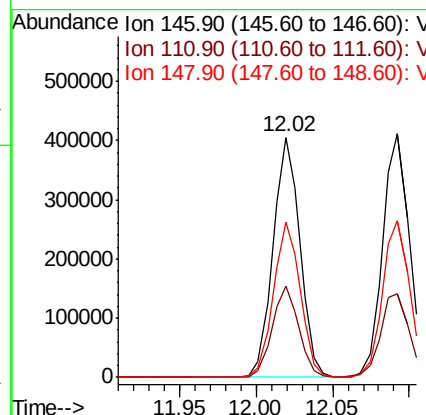
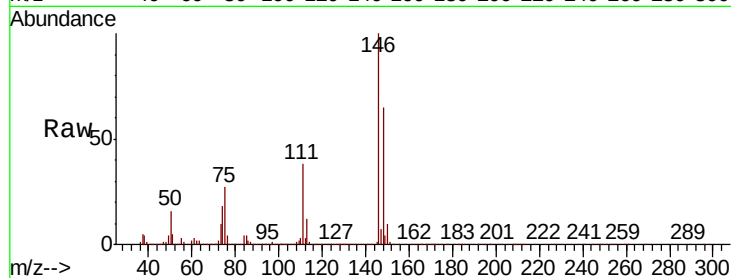




#87
 1,3-Dichlorobenzene
 Concen: 49.747 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

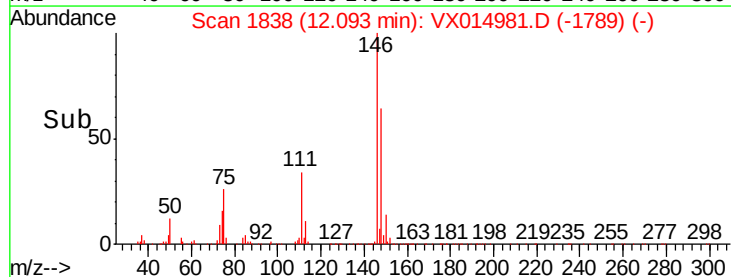
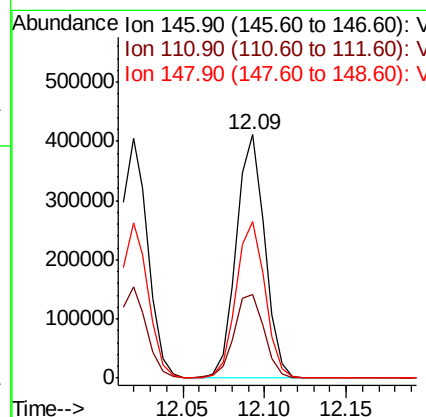
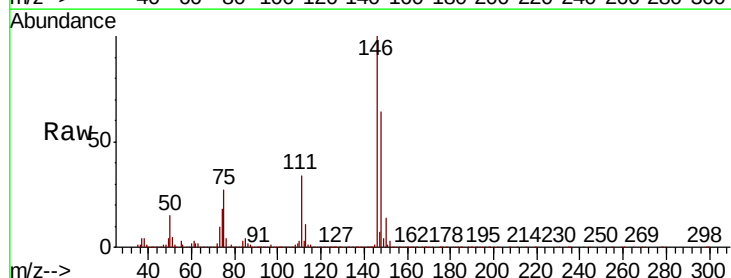
Instrument :
 MSVOA_X
 ClientSampleId :

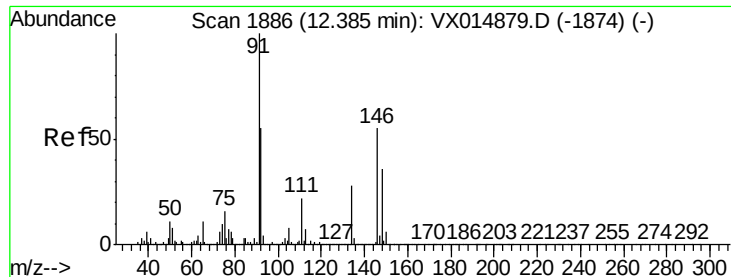
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	64.7	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.882 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	65.2	32.4	97.0





#89

n-Butylbenzene

Concen: 51.368 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014981.D

Acq: 20 Feb 2020 16:50

Instrument :

MSVOA_X

ClientSampled :

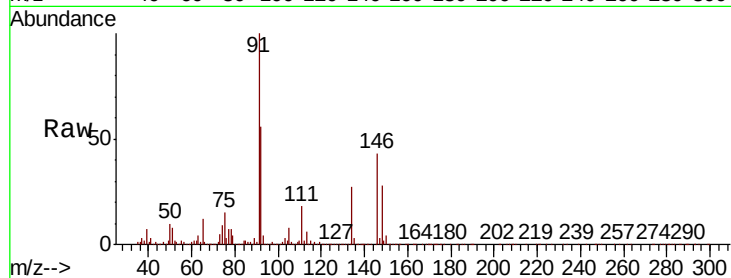
Tot Ion: 91 Resp: 843329

Ion Ratio Lower Upper

91 100

92 54.9 27.3 81.8

134 27.9 13.8 41.4

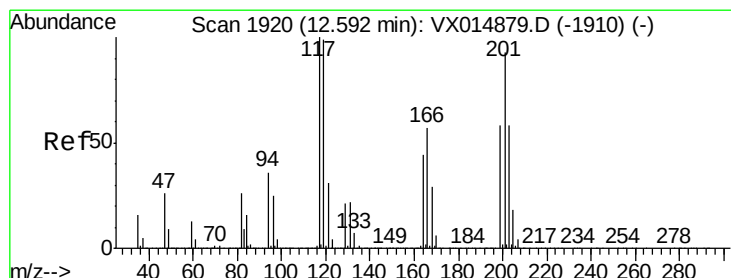
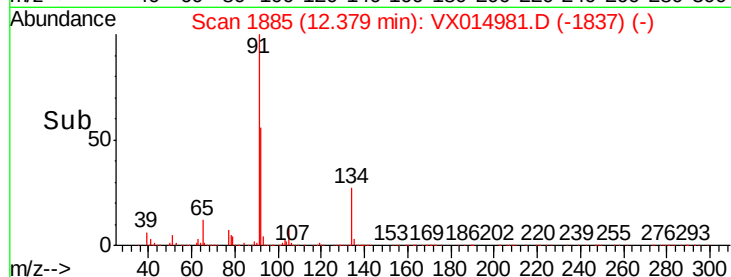


Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)

Time-->



#90

Hexachloroethane

Concen: 53.825 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014981.D

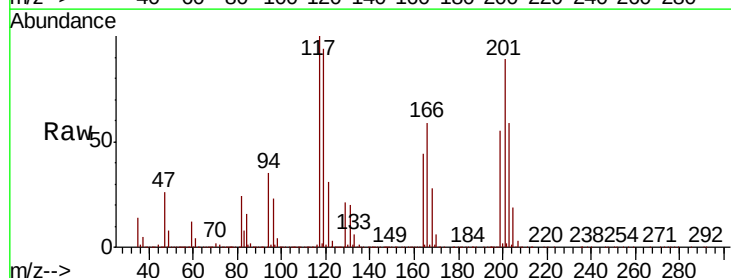
Acq: 20 Feb 2020 16:50

Tgt Ion: 117 Resp: 172308

Ion Ratio Lower Upper

117 100

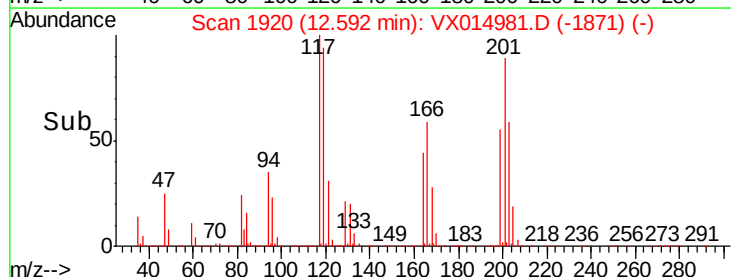
201 88.1 44.8 134.3

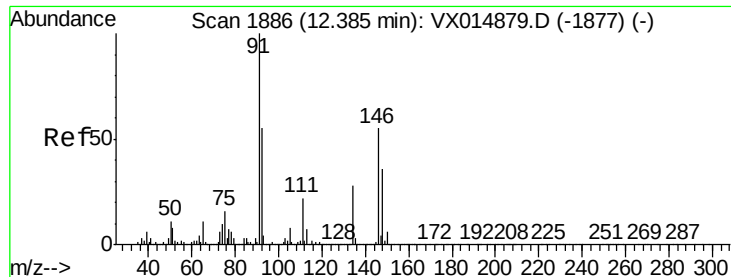


Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)

Time-->

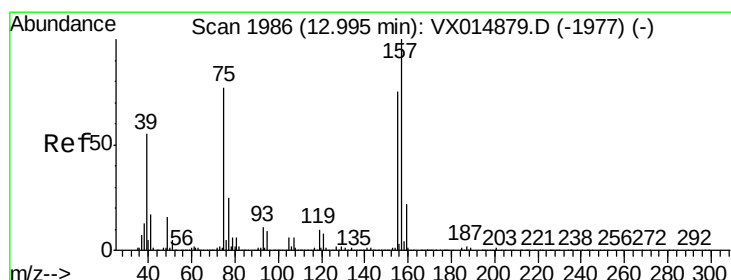
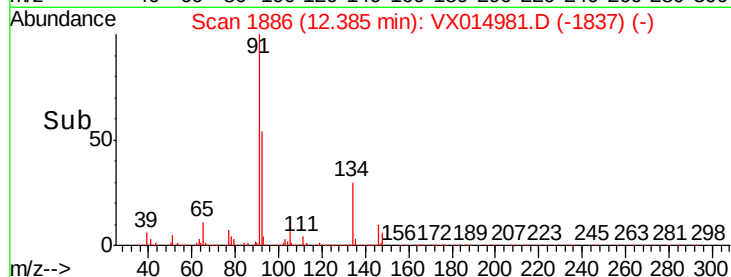
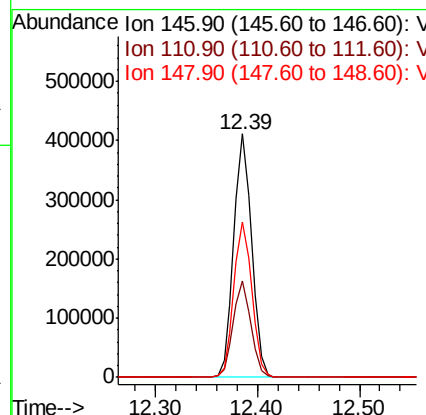
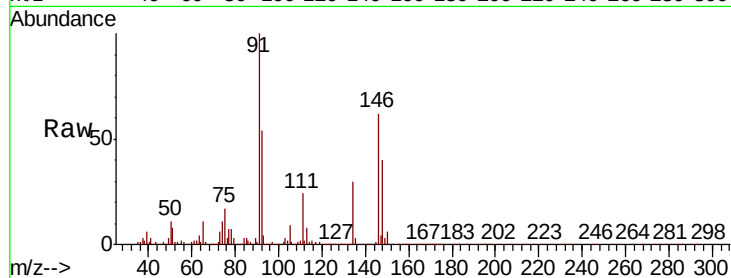




#91
 1,2-Dichlorobenzene
 Concen: 50.759 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

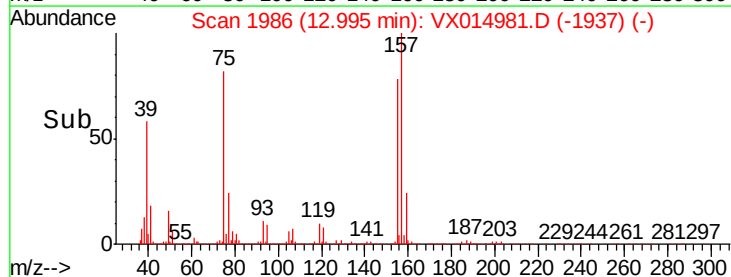
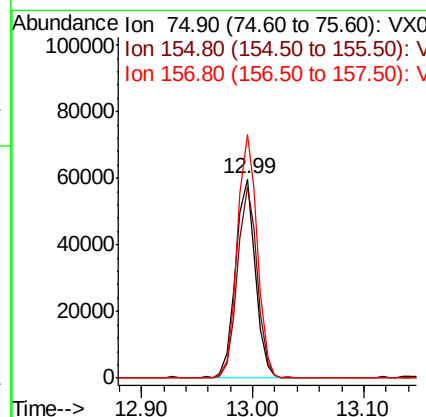
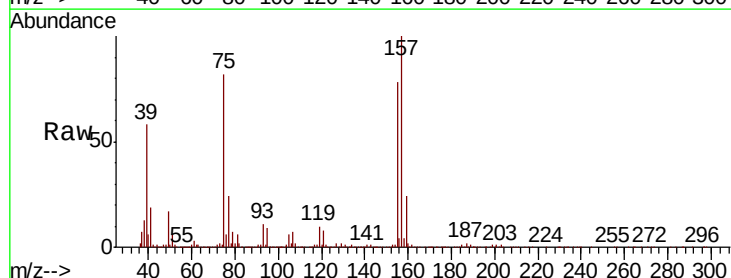
Instrument :
 MSVOA_X
 ClientSampleId :

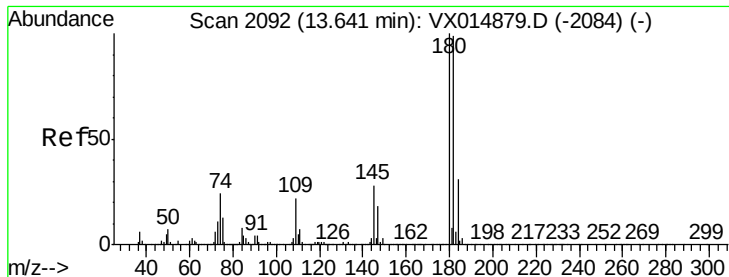
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	64.2	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.961 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	48.6	145.9
157	124.2	62.0	186.0

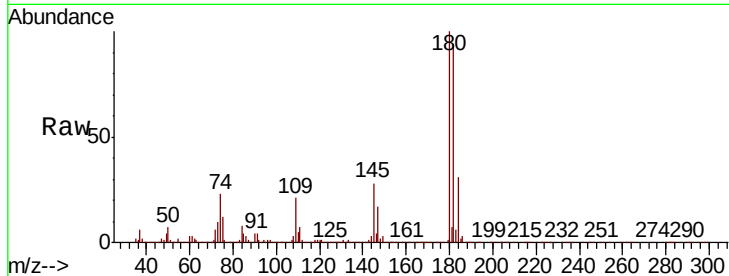




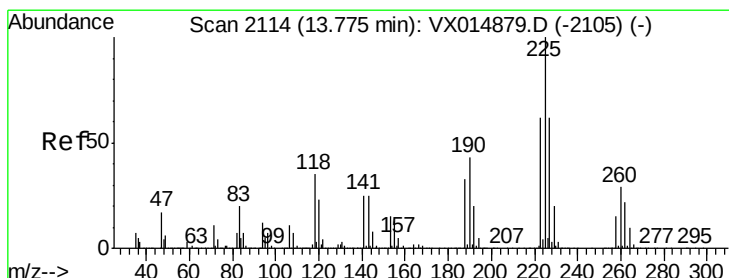
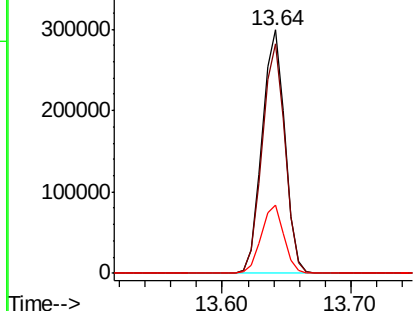
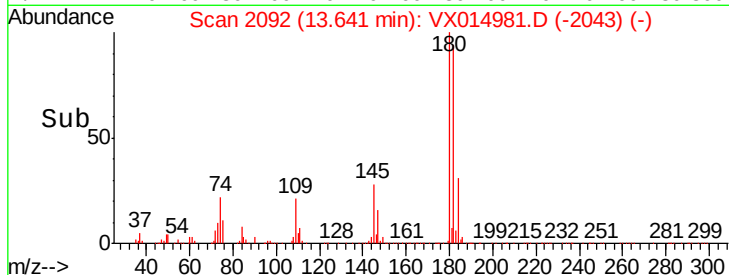
#93
 1,2,4-Trichlorobenzene
 Concen: 50.611 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.3
145	27.9	14.1	42.4

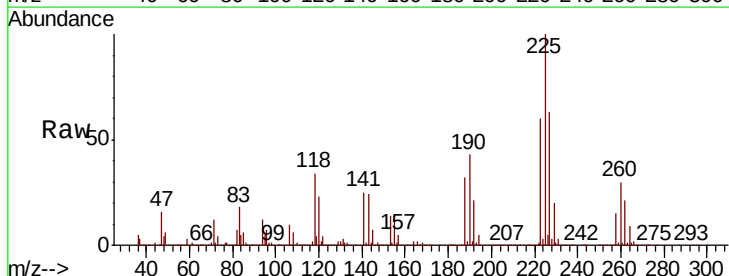


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

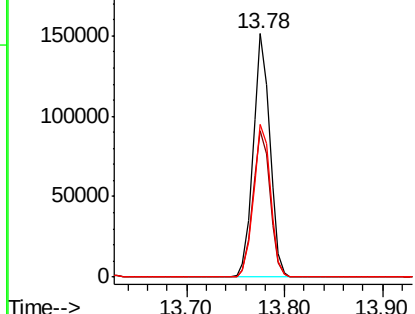
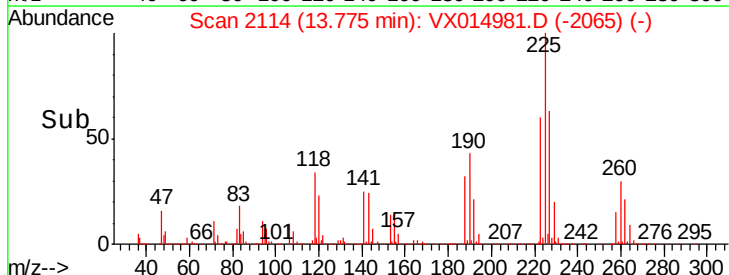


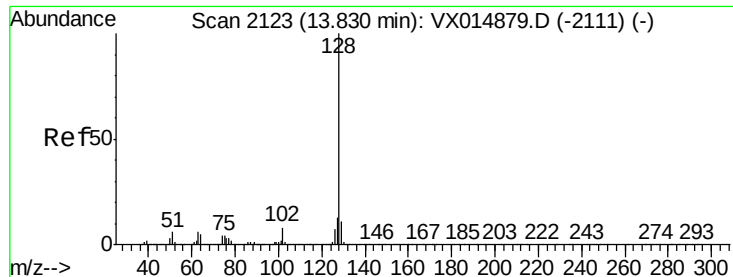
#94
 Hexachlorobutadiene
 Concen: 51.171 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014981.D
 Acq: 20 Feb 2020 16:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.2
227	63.8	30.9	92.5



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

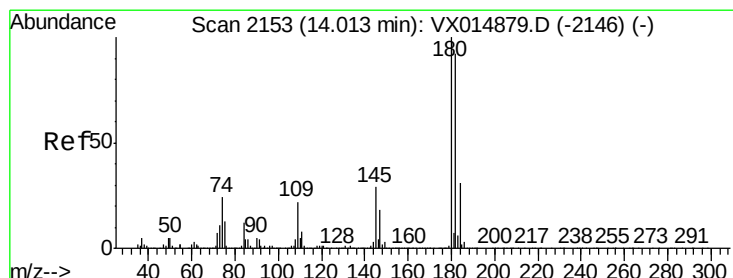
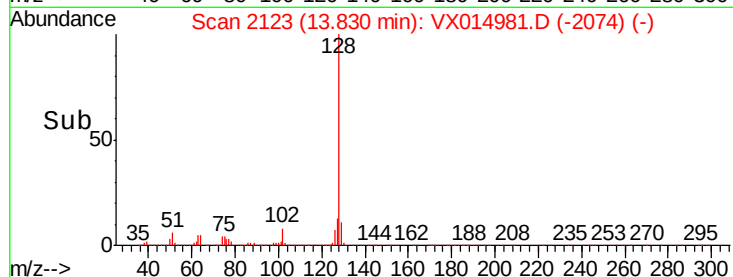
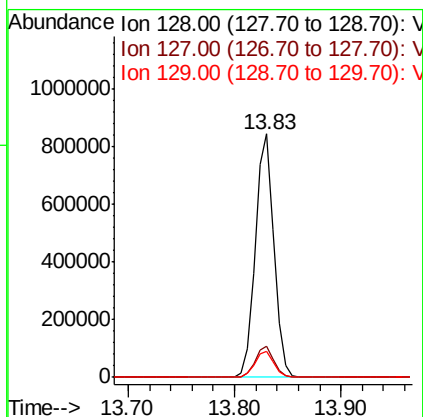
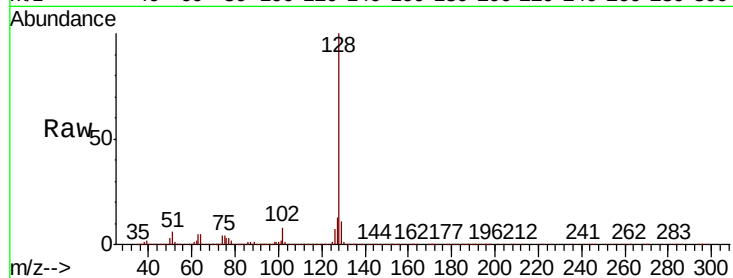




#95
Naphthalene
Concen: 53.787 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1032966
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.975 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014981.D
Acq: 20 Feb 2020 16:50

Tgt Ion:180 Resp: 355724
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 30.1 14.5 43.5

