

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014957.D
 Acq On : 19 Feb 2020 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 00:19:57 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	448958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325597	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	247024	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	5.49	113	207850	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
50) Toluene-d8	8.71	98	784280	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	287342	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	220553	51.874	ug/l	100
3) Chloromethane	1.32	50	234765	48.703	ug/l	97
4) Vinyl Chloride	1.41	62	254137	48.941	ug/l	98
5) Bromomethane	1.63	94	163934	48.773	ug/l	99
6) Chloroethane	1.72	64	161844	48.710	ug/l	99
7) Trichlorofluoromethane	1.92	101	361959	49.890	ug/l	100
8) Diethyl Ether	2.18	74	147767	49.116	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	211881	50.313	ug/l	99
10) Methyl Iodide	2.50	142	244008	51.801	ug/l	100
11) Tert butyl alcohol	3.02	59	215783	241.200	ug/l	99
12) 1,1-Dichloroethene	2.37	96	202925	49.312	ug/l	98
13) Acrolein	2.28	56	153338	224.886	ug/l	97
14) Allyl chloride	2.72	41	350463	48.035	ug/l	99
15) Acrylonitrile	3.13	53	558722	246.357	ug/l	99
16) Acetone	2.43	43	706304	259.936	ug/l	100
17) Carbon Disulfide	2.56	76	525930	45.742	ug/l	99
18) Methyl Acetate	2.76	43	263607	51.657	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	675878	50.466	ug/l	99
20) Methylene Chloride	2.85	84	229591	47.104	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	216136	47.599	ug/l	96
22) Diisopropyl ether	3.84	45	719038	51.600	ug/l	97
23) Vinyl Acetate	3.80	43	3032187	263.964	ug/l	100
24) 1,1-Dichloroethane	3.69	63	391154	49.737	ug/l	99
25) 2-Butanone	4.65	43	882280	255.771	ug/l	99
26) 2,2-Dichloropropane	4.57	77	329685	48.644	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	252180	49.683	ug/l	99
28) Bromochloromethane	5.00	49	155973	51.166	ug/l	100
29) Tetrahydrofuran	5.11	42	497613	253.764	ug/l	99
30) Chloroform	5.20	83	394071	50.504	ug/l	100
31) Cyclohexane	5.57	56	351731	49.103	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	344032	50.404	ug/l	100
36) 1,1-Dichloropropene	5.79	75	300488	50.795	ug/l	99
37) Ethyl Acetate	4.81	43	305751	49.555	ug/l	99
38) Carbon Tetrachloride	5.78	117	294833	51.142	ug/l	99

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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	375813	50.796	ug/l	98
40) Benzene	6.13	78	891197	50.421	ug/l	100
41) Methacrylonitrile	5.03	41	171733	51.666	ug/l	98
42) 1,2-Dichloroethane	6.18	62	321438	50.317	ug/l	100
43) Isopropyl Acetate	6.43	43	518139	50.907	ug/l	99
44) Trichloroethene	7.20	130	255896	49.872	ug/l	100
45) 1,2-Dichloropropane	7.50	63	230723	51.184	ug/l	99
46) Dibromomethane	7.65	93	154748	50.222	ug/l	98
47) Bromodichloromethane	7.89	83	313682	51.344	ug/l	100
48) Methyl methacrylate	7.76	41	260247	51.956	ug/l	100
49) 1,4-Dioxane	7.73	88	99322	1060.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1584086	257.750	ug/l	100
52) Toluene	8.78	92	566628	50.474	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	343364	51.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	376650	50.921	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	229240	50.472	ug/l	99
56) Ethyl methacrylate	9.17	69	363384	53.229	ug/l	99
57) 1,3-Dichloropropane	9.36	76	388421	50.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	925647	259.262	ug/l	99
59) 2-Hexanone	9.48	43	1271793	263.274	ug/l	100
60) Dibromochloromethane	9.57	129	253343	51.832	ug/l	98
61) 1,2-Dibromoethane	9.67	107	245763	50.150	ug/l	99
64) Tetrachloroethene	9.33	164	266740	46.505	ug/l	98
65) Chlorobenzene	10.13	112	624669	50.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	234629	51.940	ug/l	100
67) Ethyl Benzene	10.25	91	1105414	52.237	ug/l	100
68) m/p-Xylenes	10.35	106	848136	104.039	ug/l	99
69) o-Xylene	10.69	106	409307	52.232	ug/l	99
70) Styrene	10.71	104	702870	53.018	ug/l	100
71) Bromoform	10.85	173	195776	51.922	ug/l #	98
73) Isopropylbenzene	11.01	105	1097362	53.743	ug/l	100
74) N-amyl acetate	10.89	43	456097	53.760	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	342101	51.254	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	399292	67.816	ug/l	93
77) Bromobenzene	11.25	156	288897	50.692	ug/l	99
78) n-propylbenzene	11.35	91	1259476	53.331	ug/l	100
79) 2-Chlorotoluene	11.42	91	728231	52.452	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	918447	53.834	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	116760	50.761	ug/l	97
82) 4-Chlorotoluene	11.51	91	857333	52.145	ug/l	100
83) tert-Butylbenzene	11.76	119	889938	55.084	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	928817	54.022	ug/l	99
85) sec-Butylbenzene	11.94	105	1089321	54.275	ug/l	99
86) p-Isopropyltoluene	12.06	119	1008019	53.671	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	518012	50.667	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	523045	50.097	ug/l	100
89) n-Butylbenzene	12.39	91	886107	52.679	ug/l	100
90) Hexachloroethane	12.59	117	177672	54.170	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	517379	51.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	74266	47.427	ug/l	99

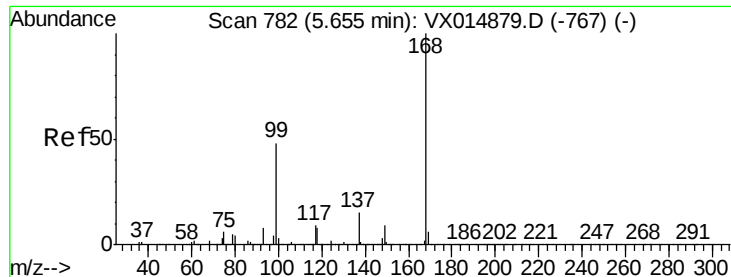
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	379464	51.276	ug/l	98
94) Hexachlorobutadiene	13.78	225	192134	53.677	ug/l	99
95) Naphthalene	13.83	128	1065034	54.127	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	371819	52.004	ug/l	99

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

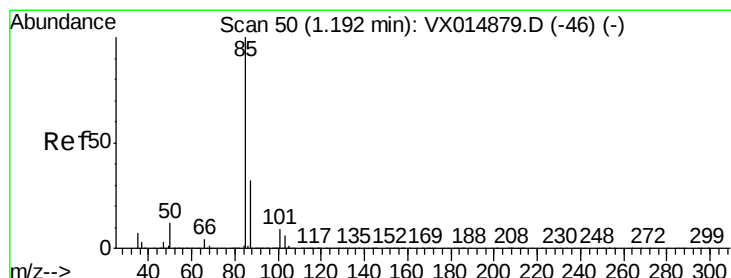
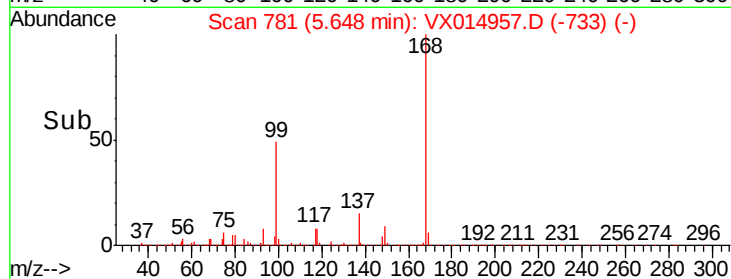
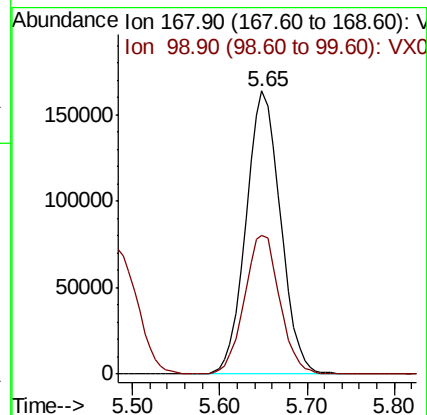
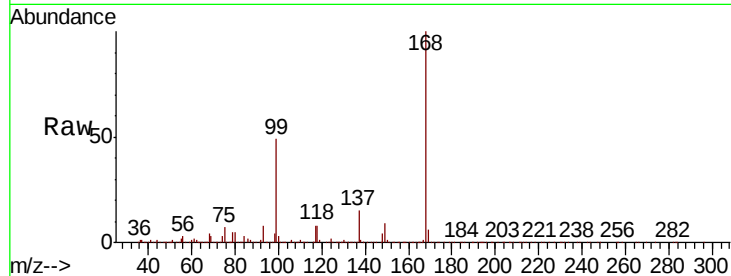


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampleId :

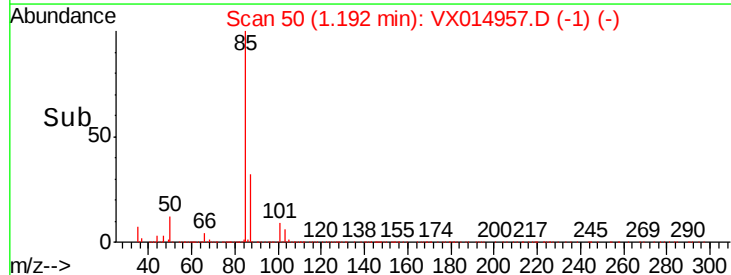
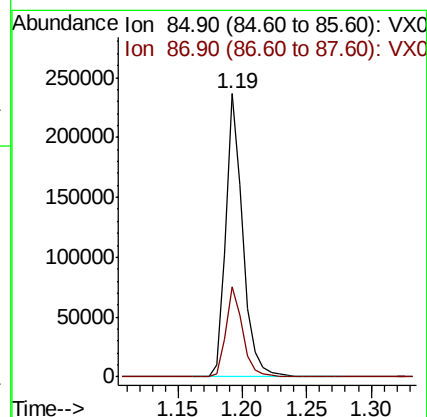
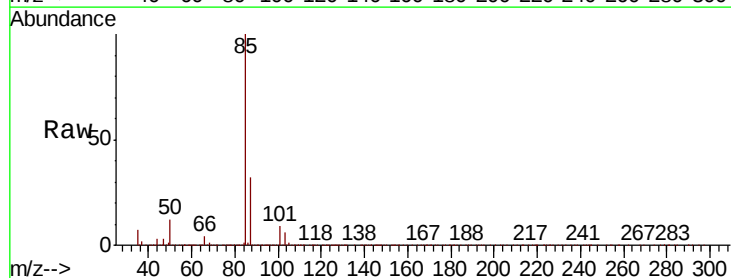
Tot Ion:168 Resp: 448958
 Ion Ratio Lower Upper
 168 100
 99 48.8 38.7 58.1

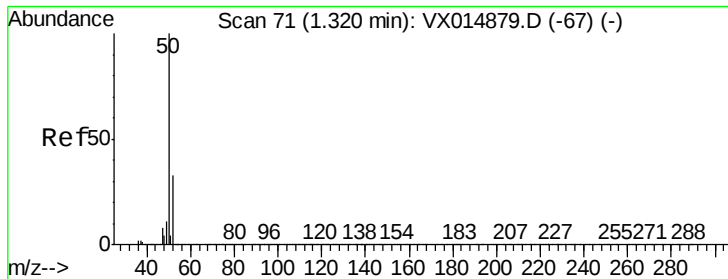


#2

Dichlorodifluoromethane
 Concen: 51.874 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion: 85 Resp: 220553
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.1 48.2





#3

Chloromethane

Concen: 48.703 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

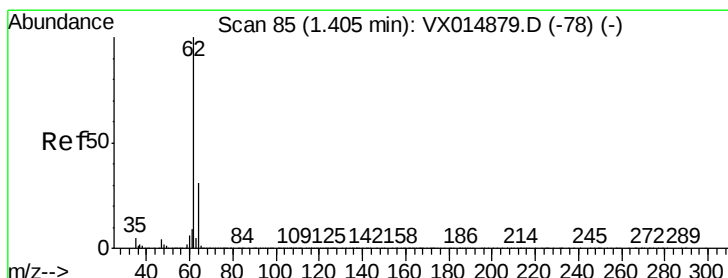
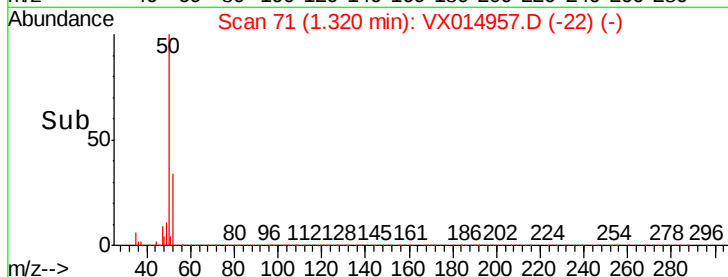
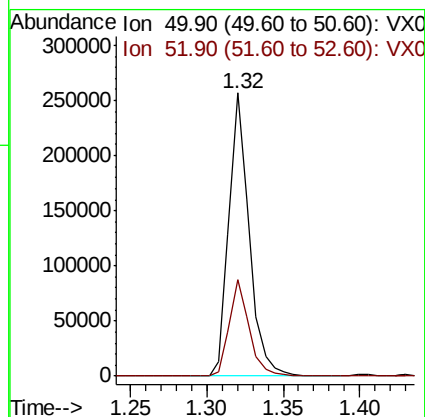
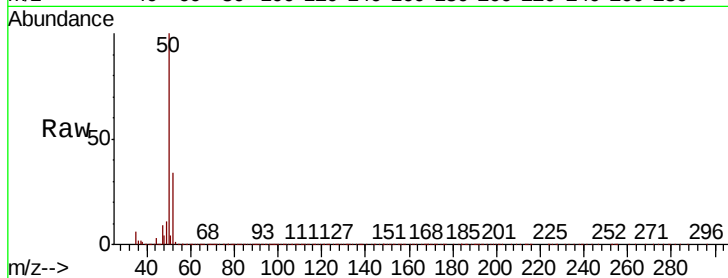
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 234765

Ion Ratio Lower Upper

50 100

52 34.3 26.2 39.2



#4

Vinyl Chloride

Concen: 48.941 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014957.D

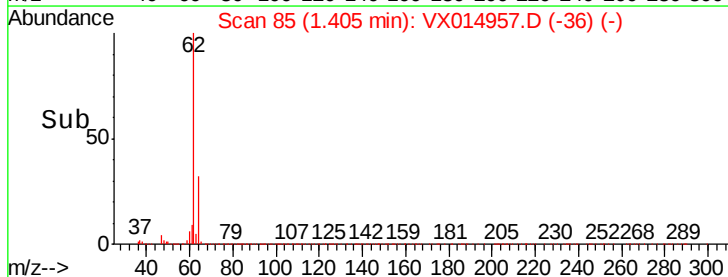
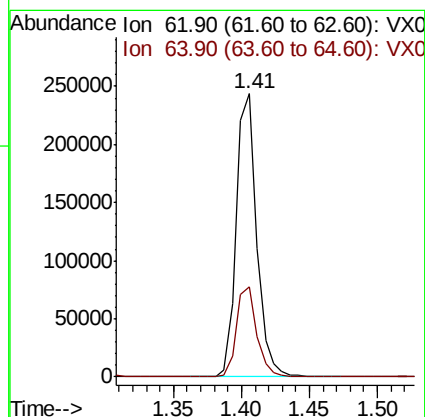
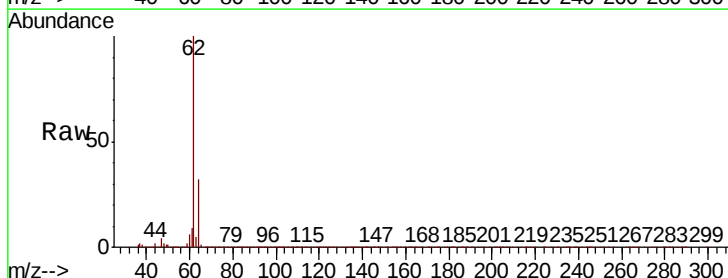
Acq: 19 Feb 2020 10:17

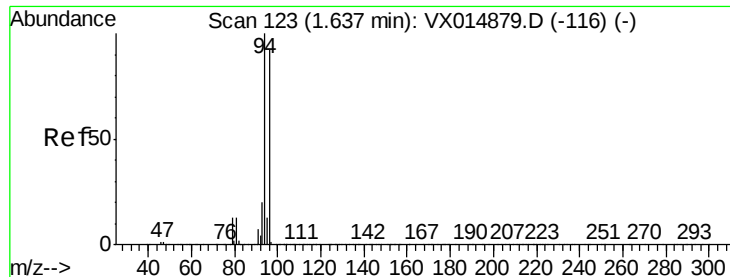
Tgt Ion: 62 Resp: 254137

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 48.773 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

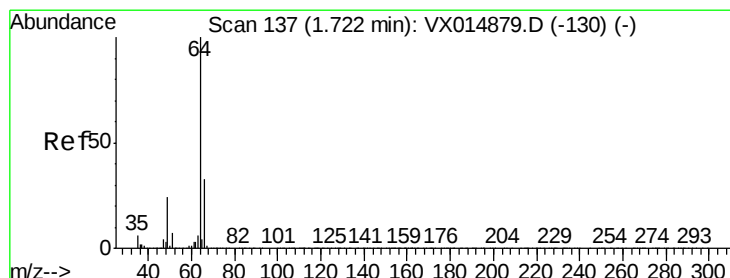
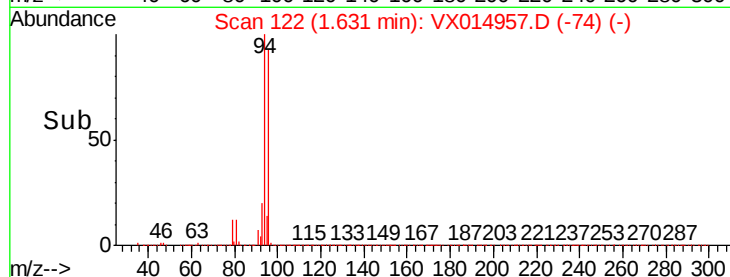
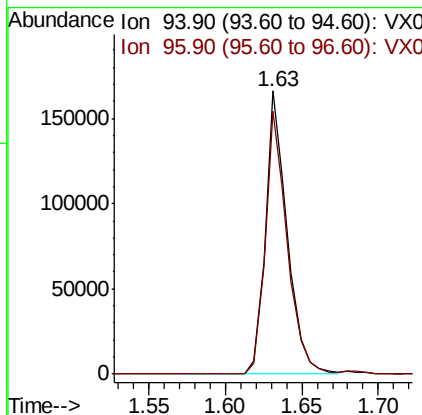
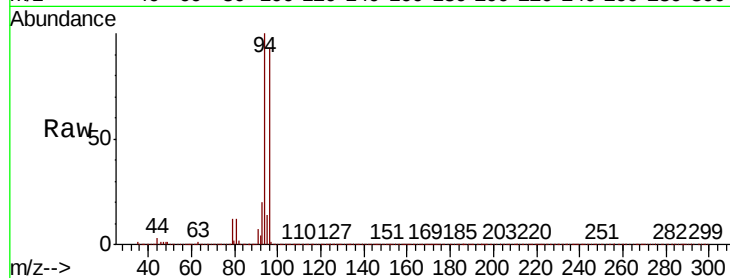
ClientSampleId :

Tot Ion: 94 Resp: 163934

Ion Ratio Lower Upper

94 100

96 92.7 73.7 110.5



#6

Chloroethane

Concen: 48.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014957.D

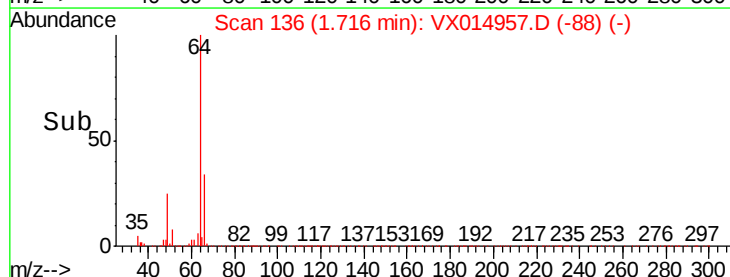
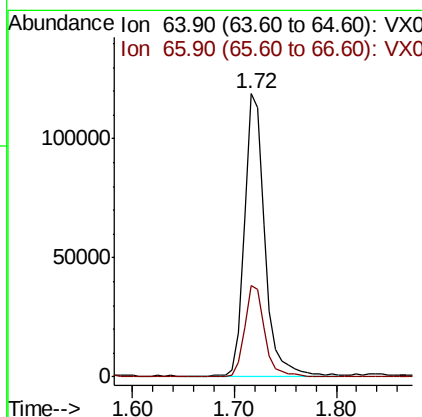
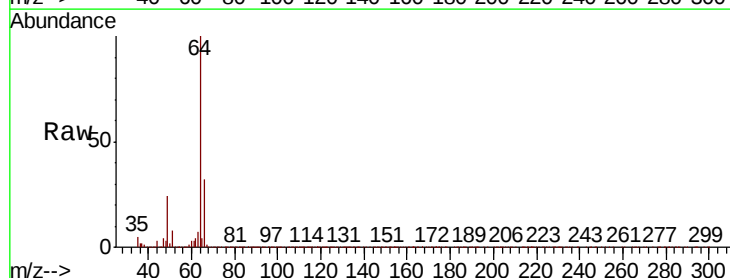
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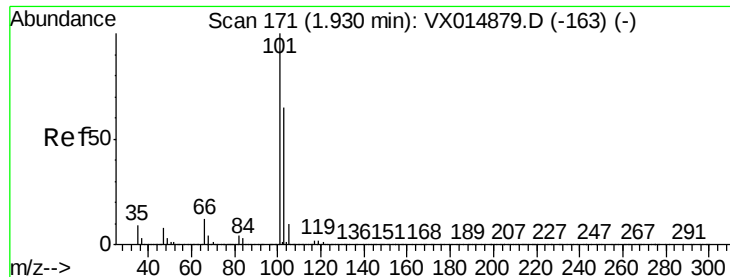
Tgt Ion: 64 Resp: 161844

Ion Ratio Lower Upper

64 100

66 32.3 26.2 39.4



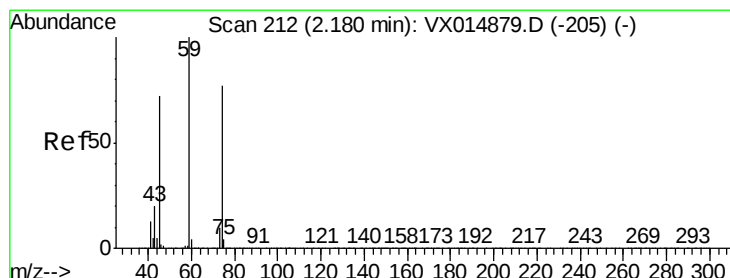
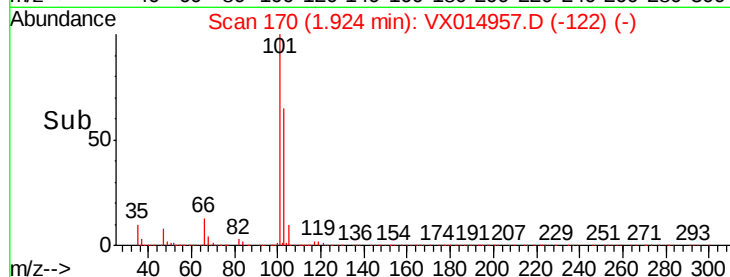
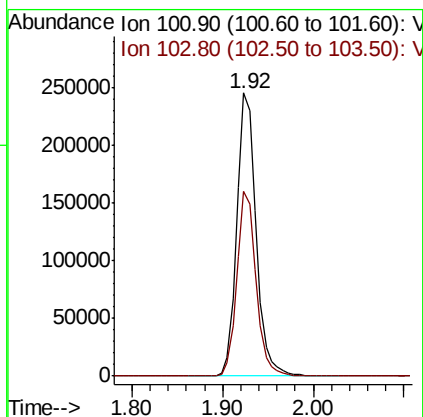
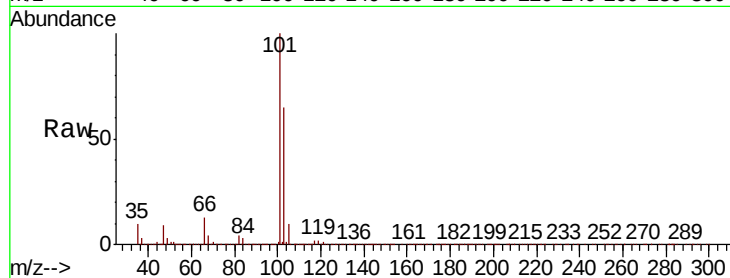


#7

Trichlorofluoromethane
Concen: 49.890 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

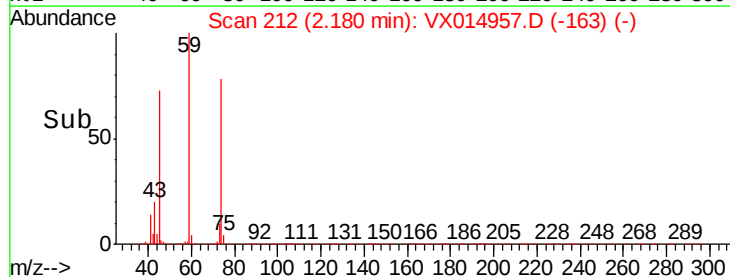
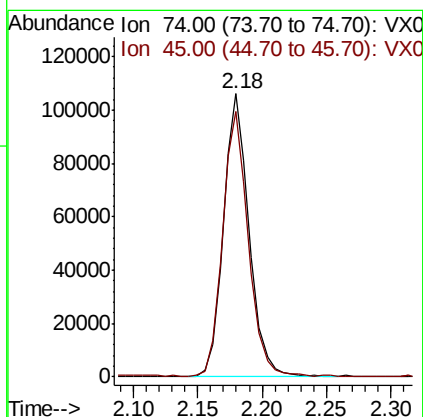
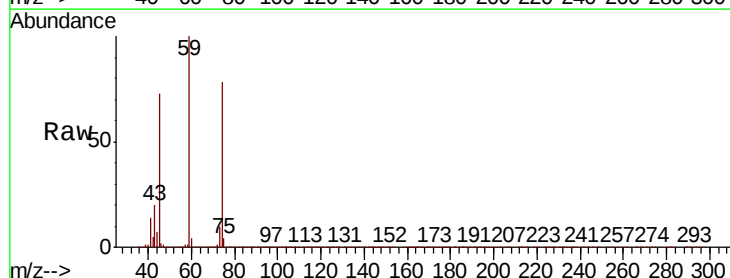
Tot Ion:101 Resp: 361959
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

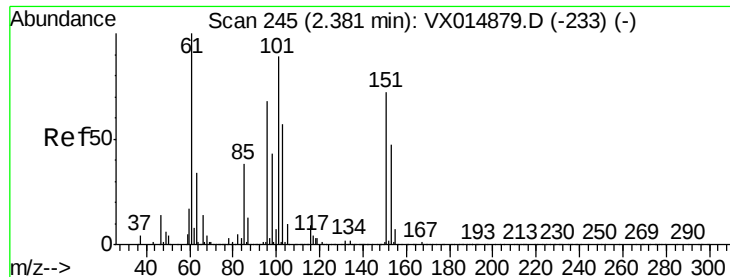


#8

Diethyl Ether
Concen: 49.116 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 74 Resp: 147767
Ion Ratio Lower Upper
74 100
45 94.0 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.313 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampled :

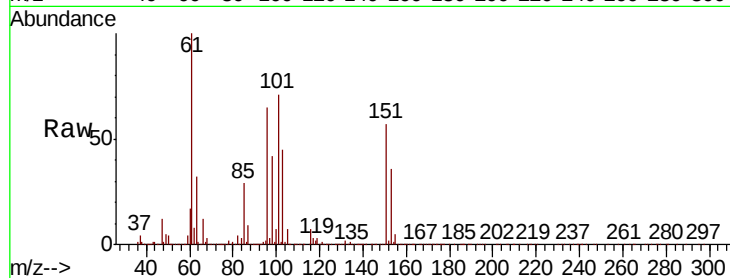
Tot Ion:101 Resp: 211881

Ion Ratio Lower Upper

101 100

85 42.3 34.1 51.1

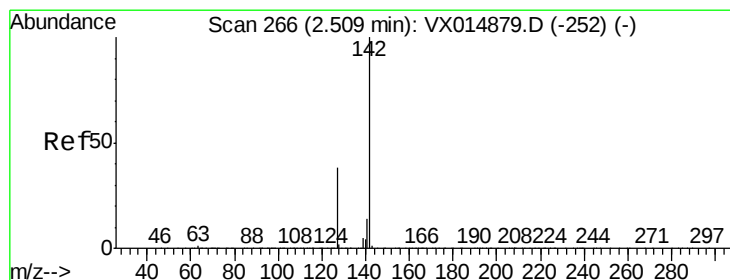
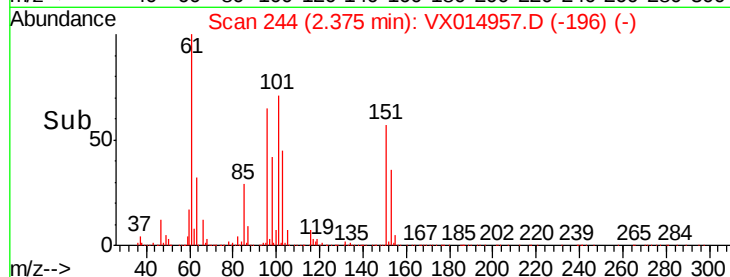
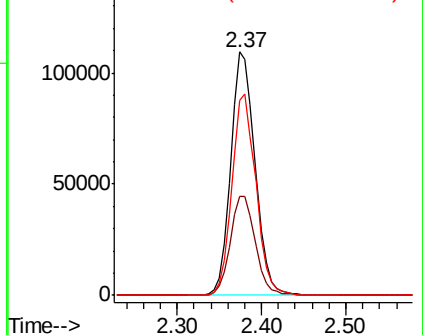
151 82.4 67.3 100.9



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: 51.801 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

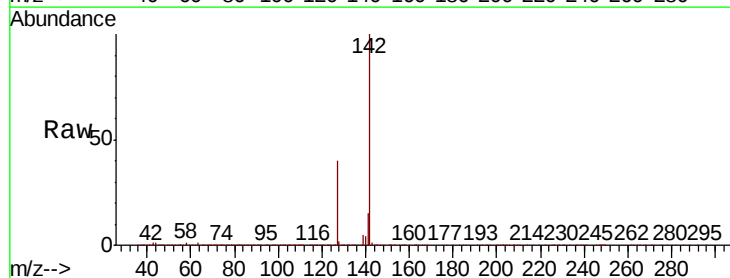
Tgt Ion:142 Resp: 244008

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

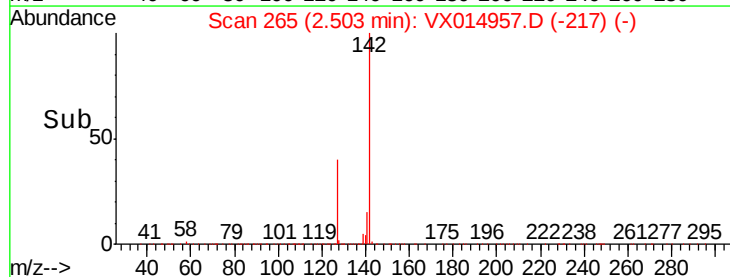
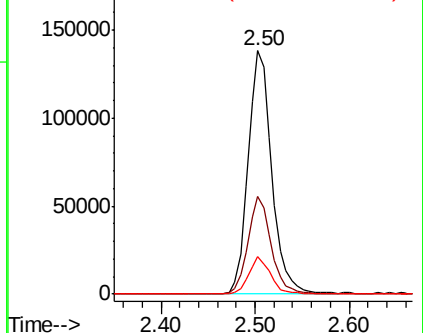
141 14.4 11.3 16.9

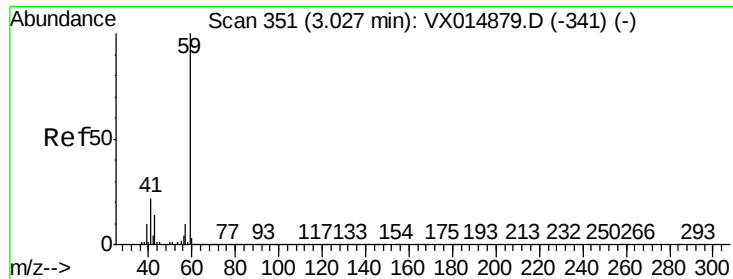


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



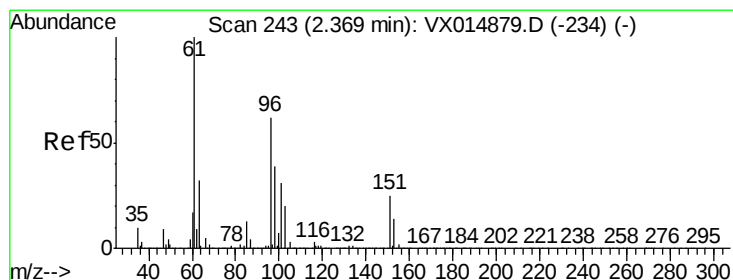
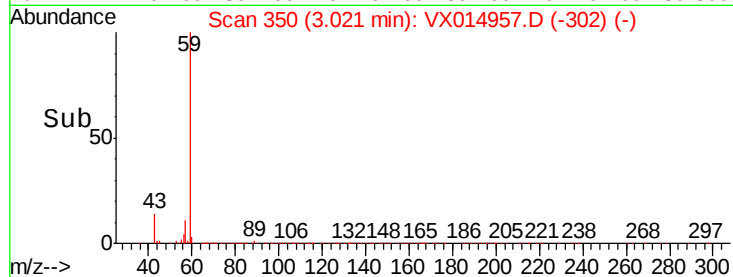
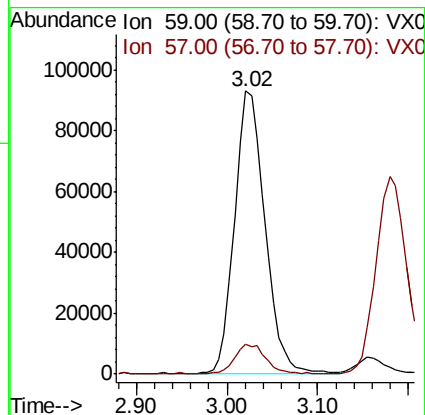
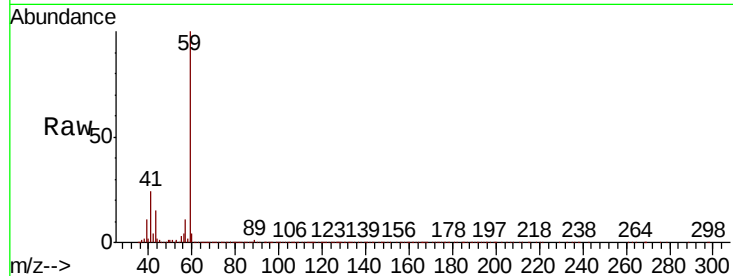


#11

Tert butyl alcohol
Concen: 241.200 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampled :

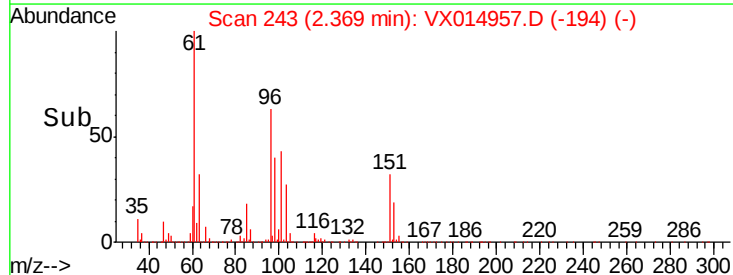
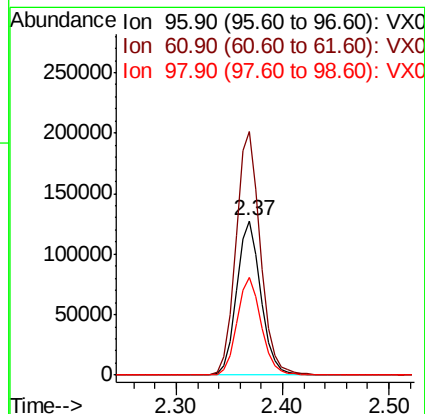
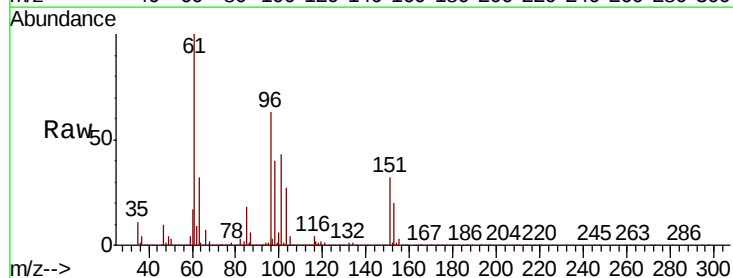
Tot Ion: 59 Resp: 215783
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

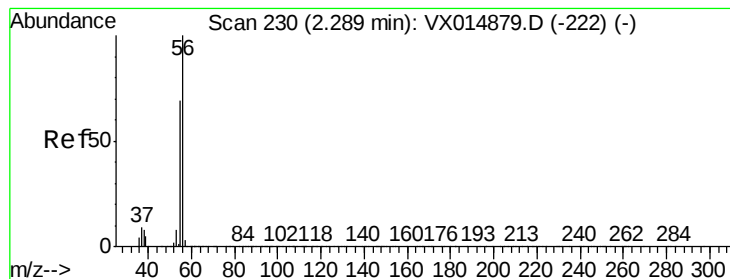


#12

1,1-Dichloroethene
Concen: 49.312 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 96 Resp: 202925
Ion Ratio Lower Upper
96 100
61 158.0 129.5 194.3
98 63.3 50.6 76.0





#13

Acrolein

Concen: 224.886 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

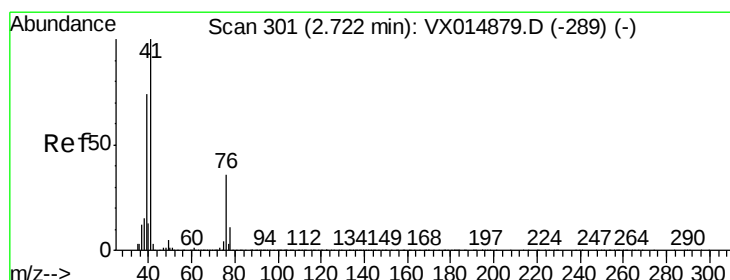
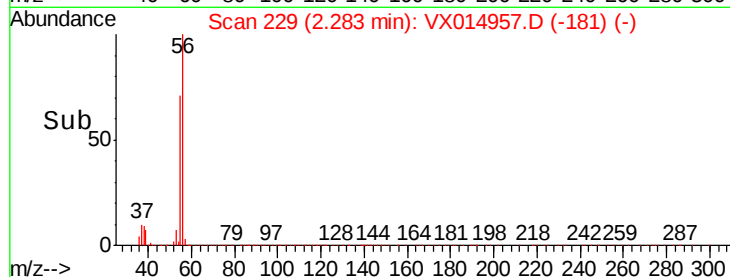
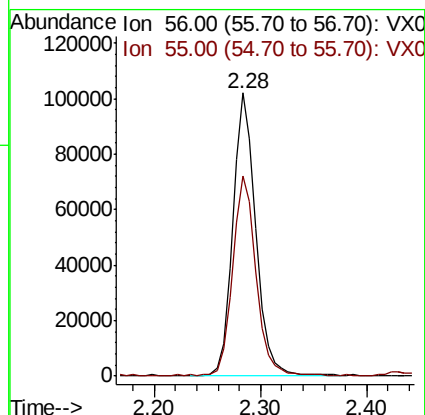
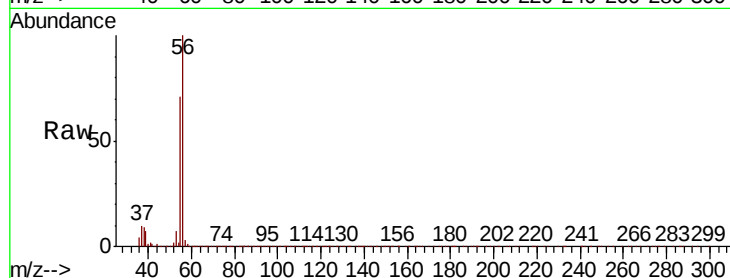
ClientSampleId :

Tot Ion: 56 Resp: 153338

Ion Ratio Lower Upper

56 100

55 71.0 55.0 82.4



#14

Allyl chloride

Concen: 48.035 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

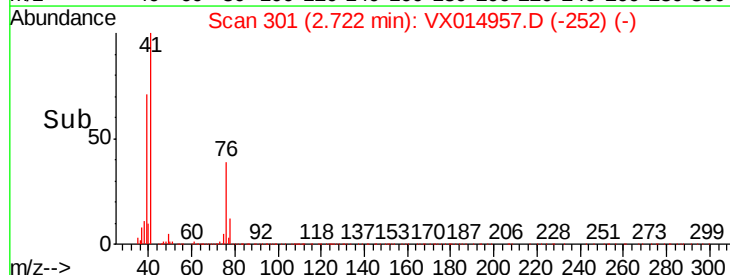
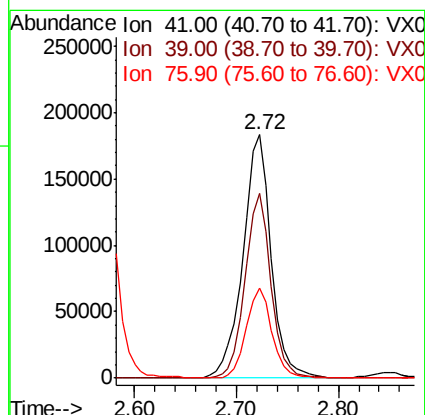
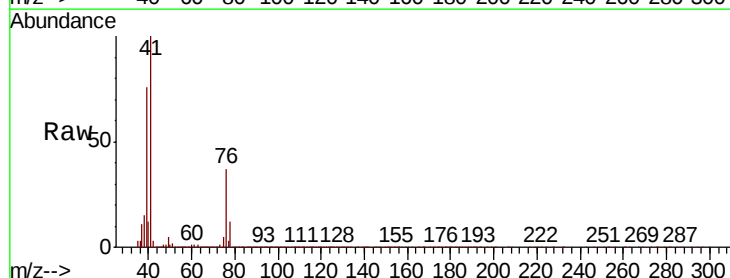
Tgt Ion: 41 Resp: 350463

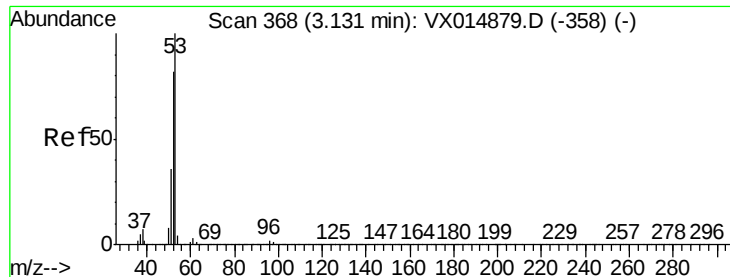
Ion Ratio Lower Upper

41 100

39 69.9 55.2 82.8

76 33.8 26.8 40.2





#15

Acrylonitrile

Concen: 246.357 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

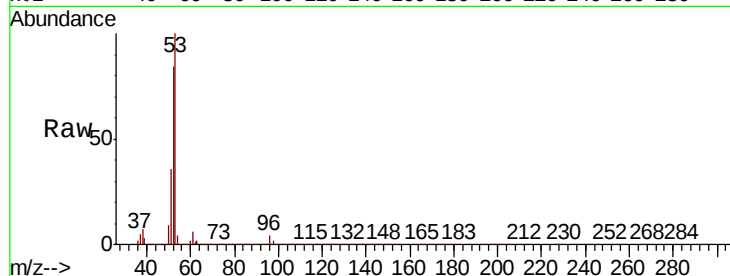
Tot Ion: 53 Resp: 558722

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.6

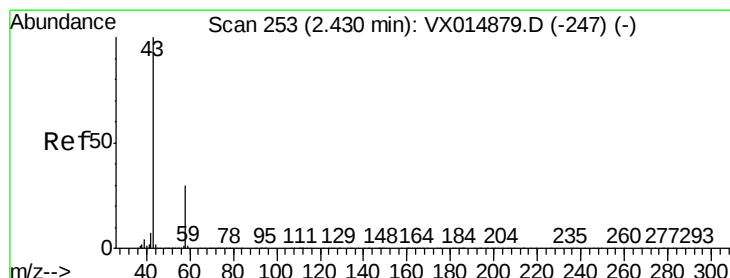
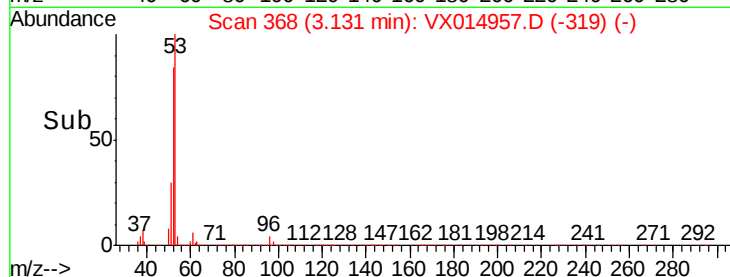
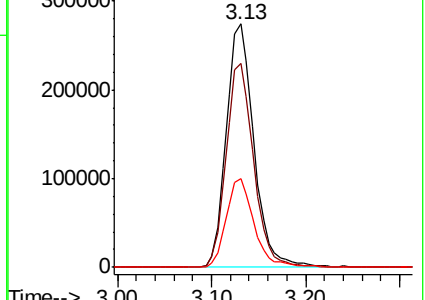
51 36.8 29.1 43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 259.936 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014957.D

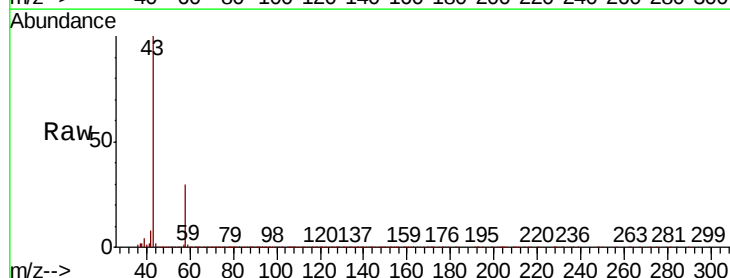
Acq: 19 Feb 2020 10:17

Tgt Ion: 43 Resp: 706304

Ion Ratio Lower Upper

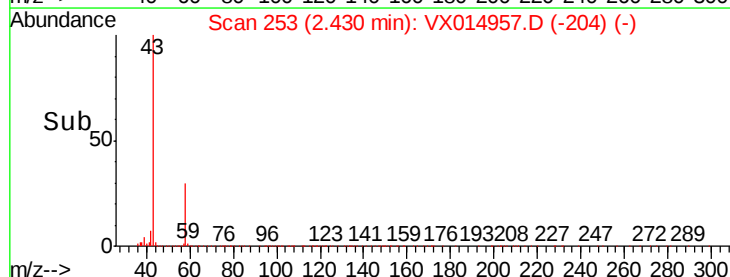
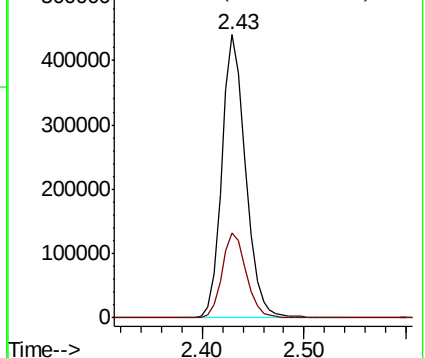
43 100

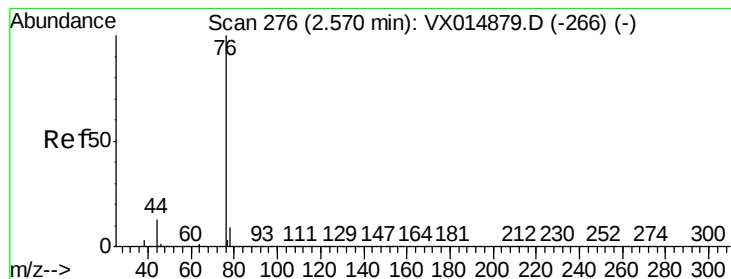
58 29.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.742 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

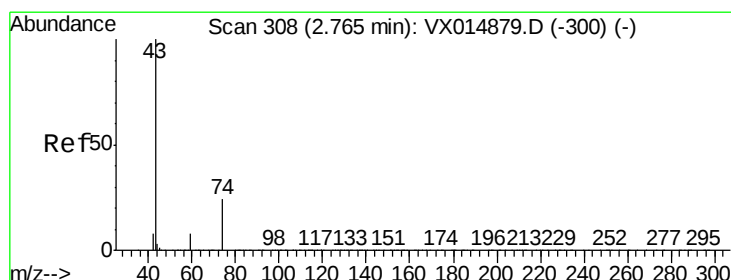
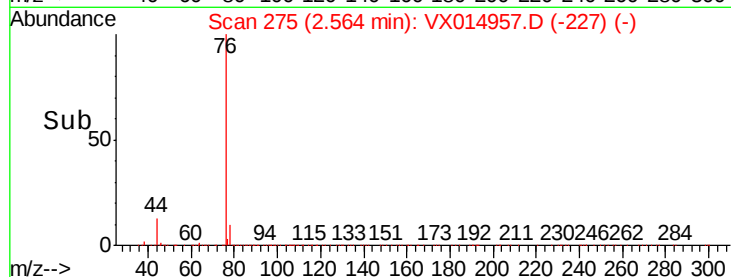
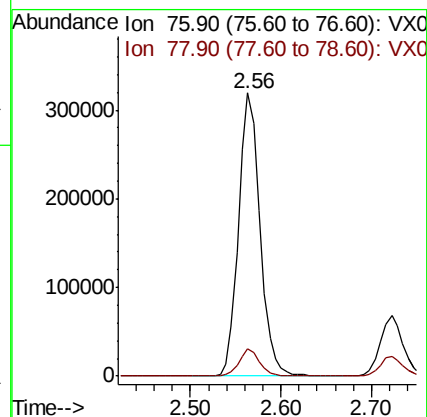
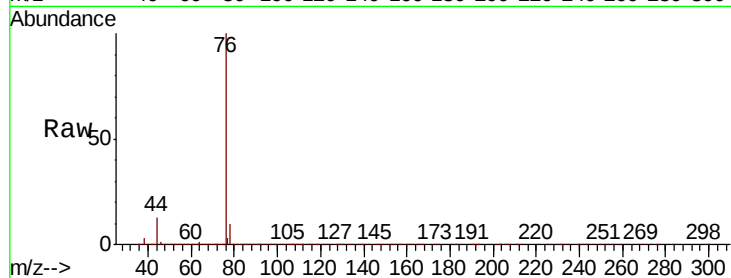
ClientSampleId :

Tot Ion: 76 Resp: 525930

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 51.657 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014957.D

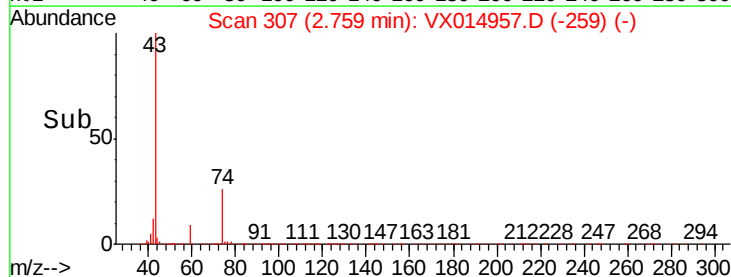
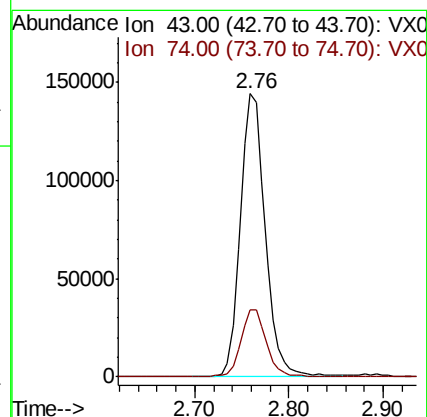
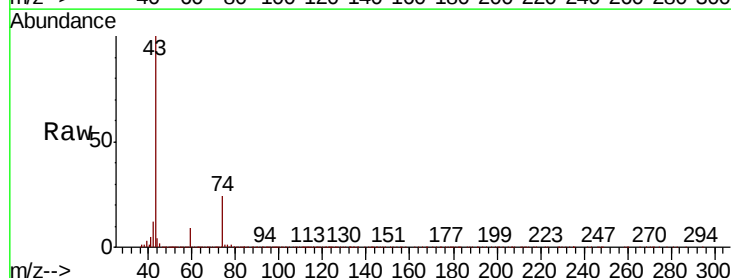
Acq: 19 Feb 2020 10:17

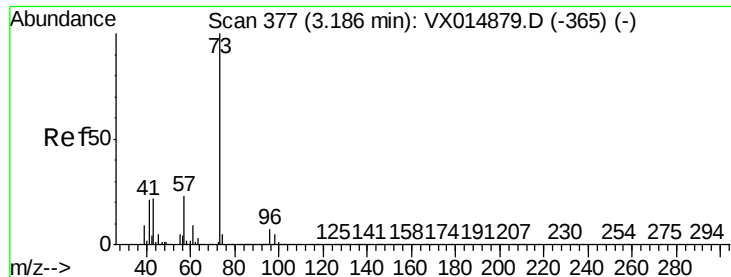
Tgt Ion: 43 Resp: 263607

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.0

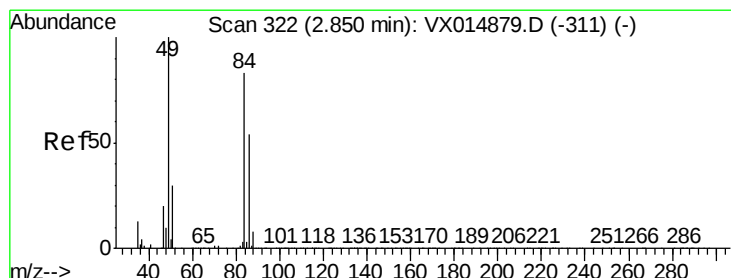
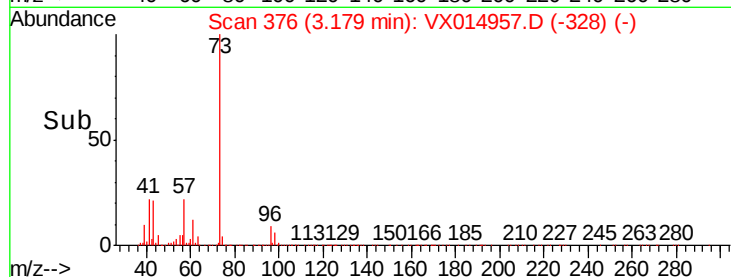
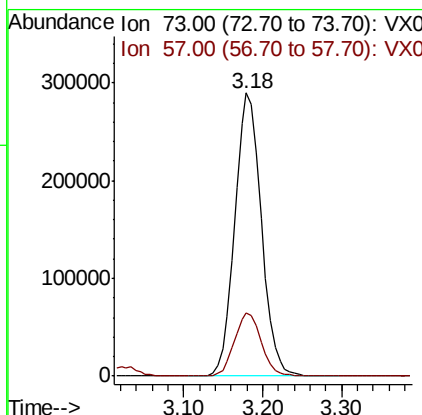
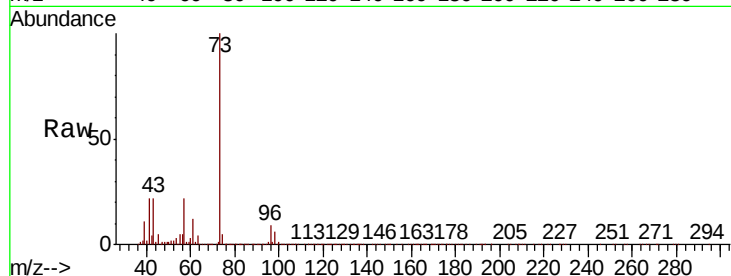




#19
Methvl tert-butvl Ether
Concen: 50.466 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

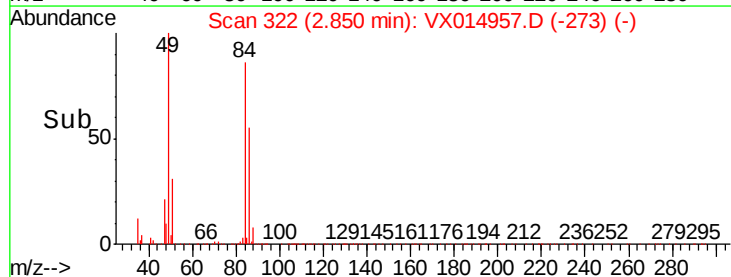
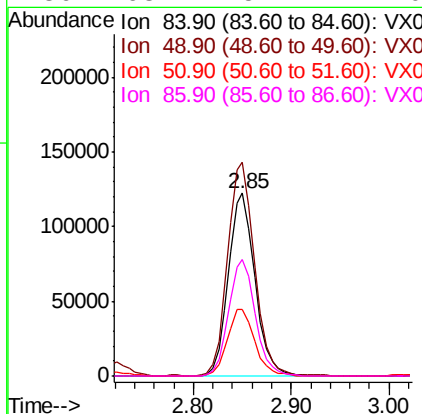
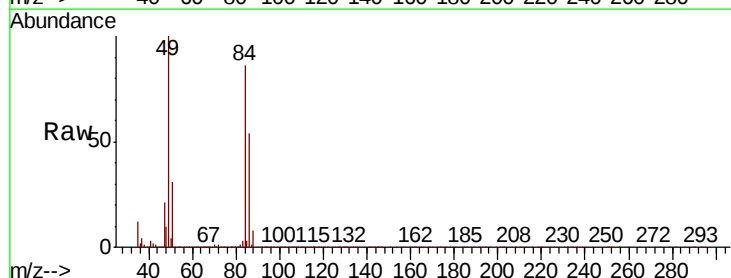
Instrument :
MSVOA_X
ClientSampleId :

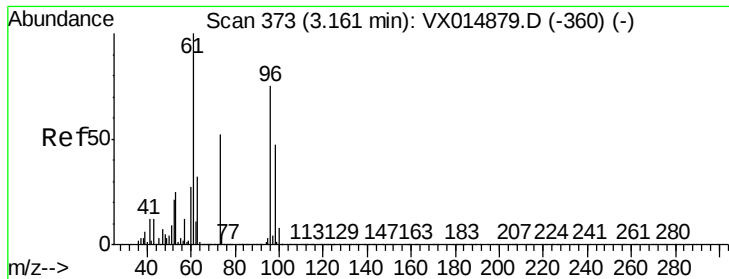
Tot Ion: 73 Resp: 675878
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 47.104 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 84 Resp: 229591
Ion Ratio Lower Upper
84 100
49 116.6 95.6 143.4
51 36.5 29.0 43.6
86 63.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.599 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

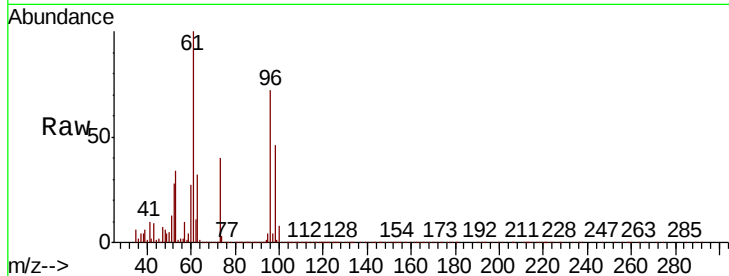
Tot Ion: 96 Resp: 216136

Ion Ratio Lower Upper

96 100

61 139.6 106.9 160.3

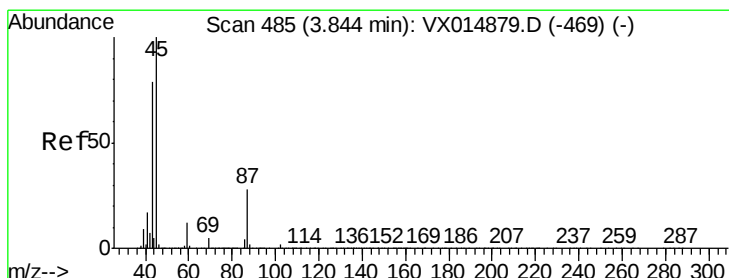
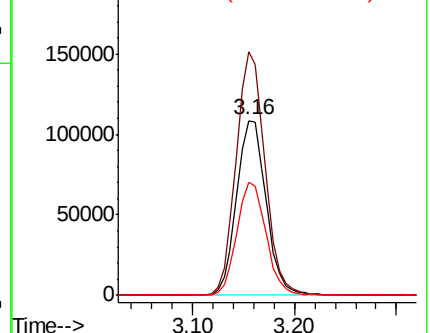
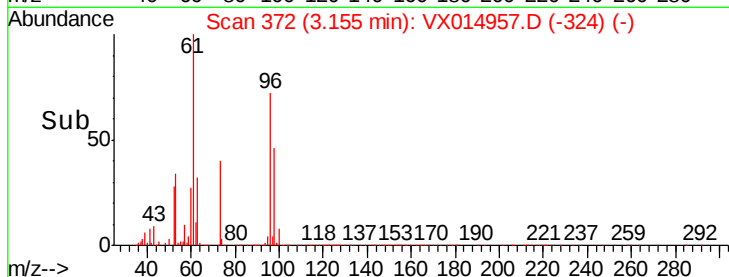
98 64.4 50.7 76.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.600 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion: 45 Resp: 719038

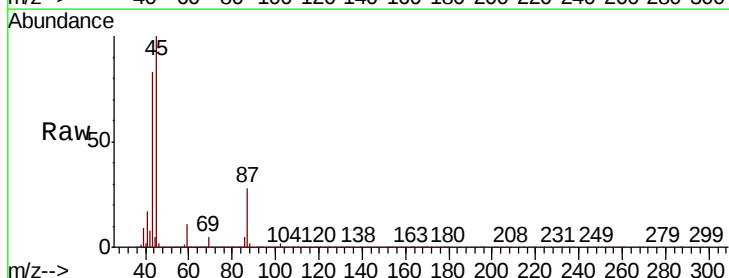
Ion Ratio Lower Upper

45 100

43 83.3 63.5 95.3

87 27.8 22.2 33.4

59 11.2 9.4 14.0

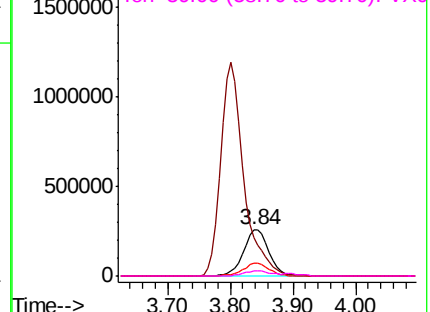
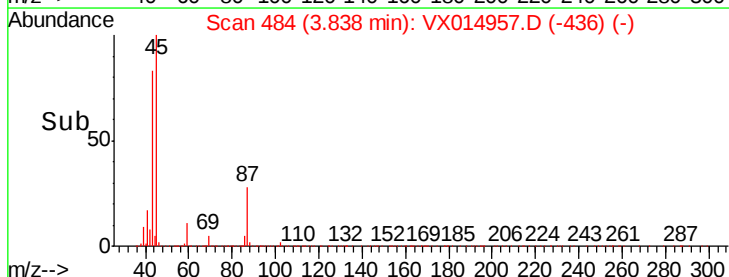


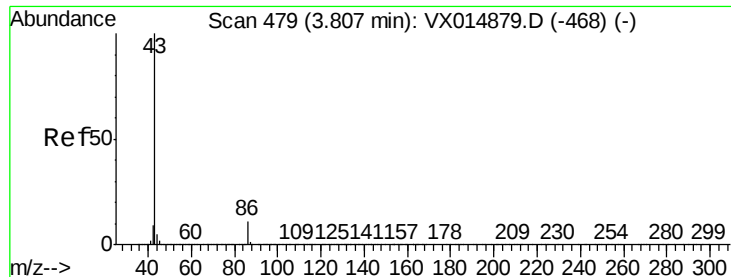
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.964 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

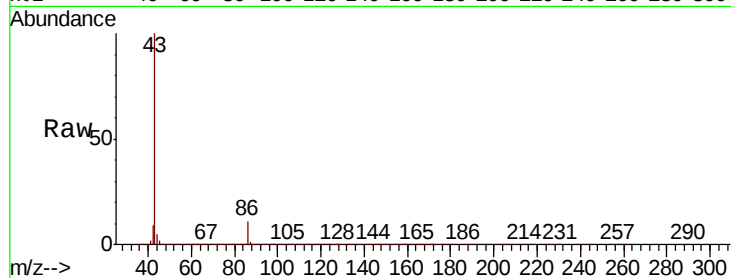
ClientSampled :

Tot Ion: 43 Resp: 3032187

Ion Ratio Lower Upper

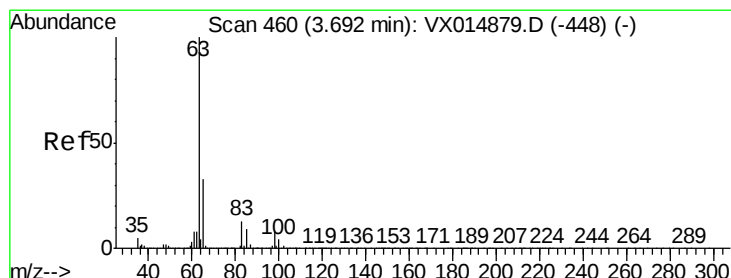
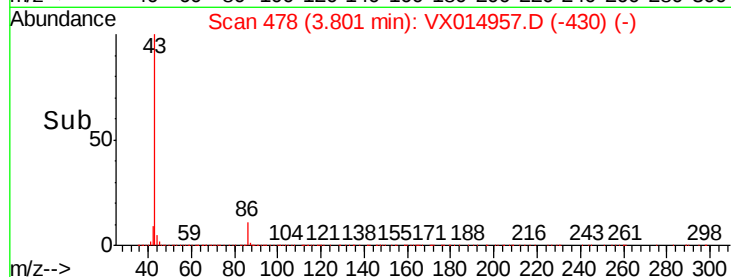
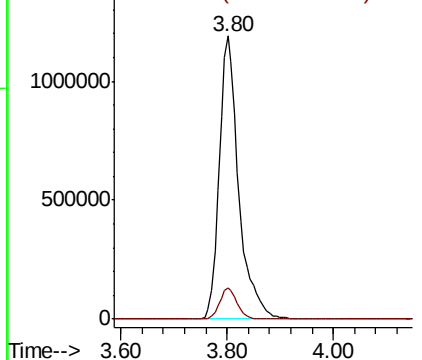
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.737 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

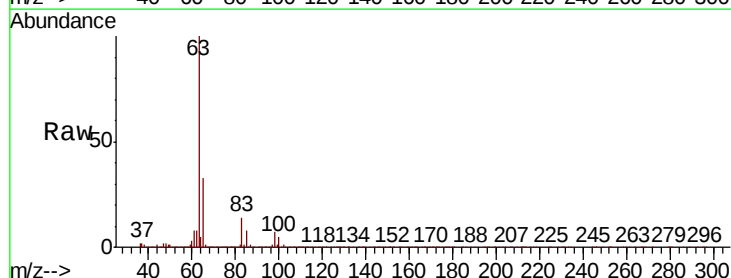
Tgt Ion: 63 Resp: 391154

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

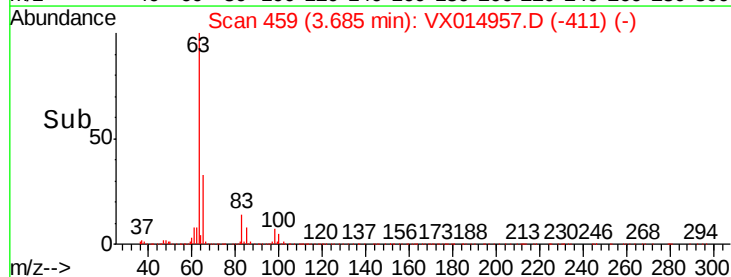
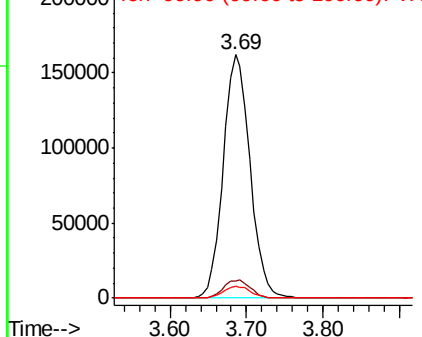
100 4.7 2.2 6.6

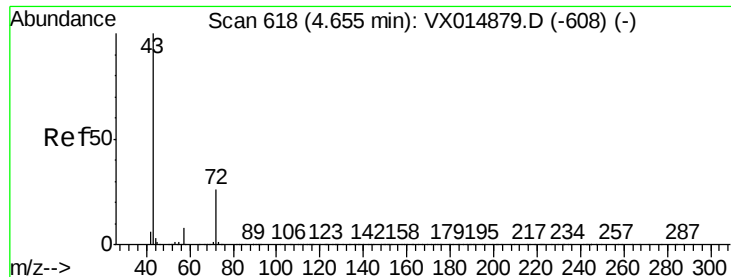


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.771 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

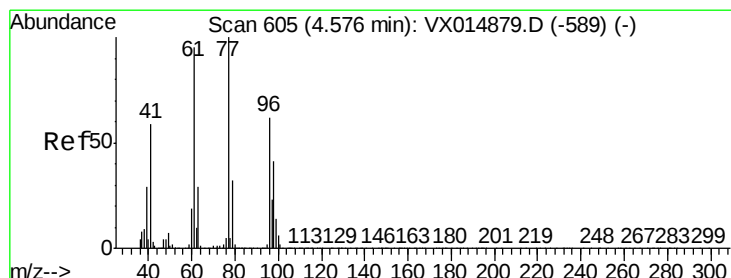
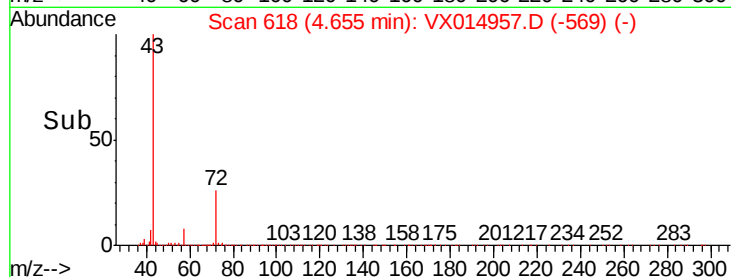
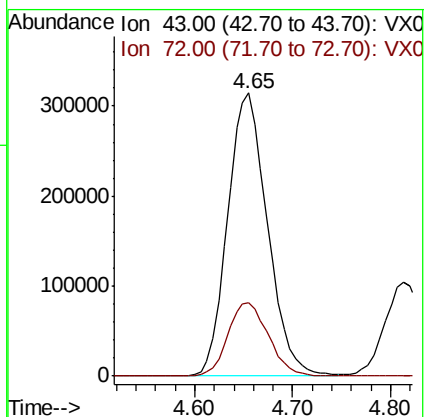
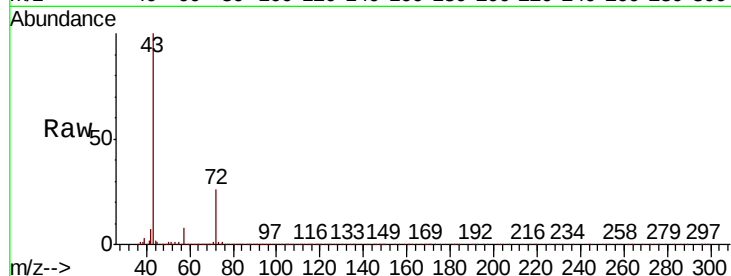
ClientSampleId :

Tot Ion: 43 Resp: 882280

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.644 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014957.D

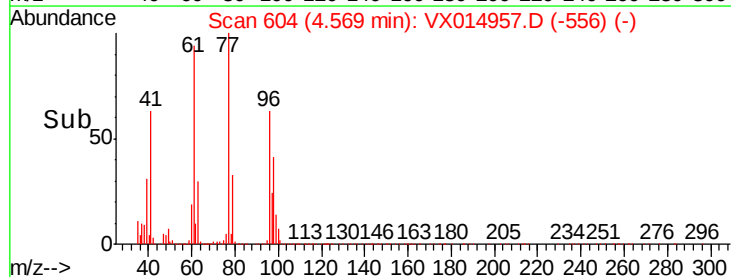
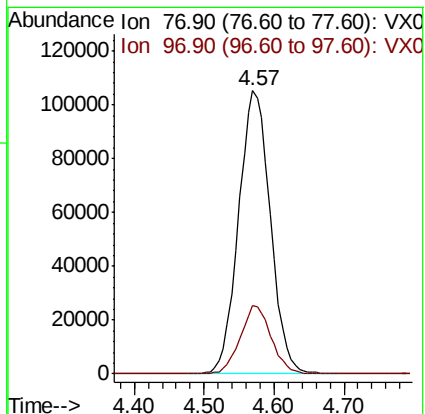
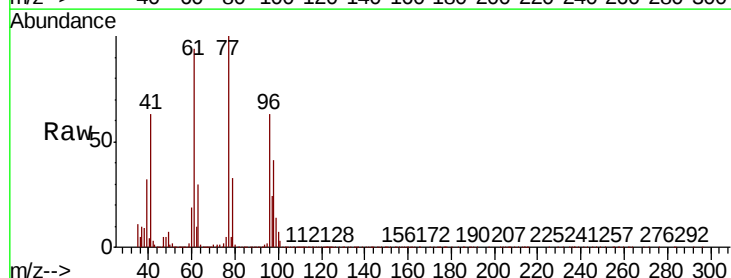
Acq: 19 Feb 2020 10:17

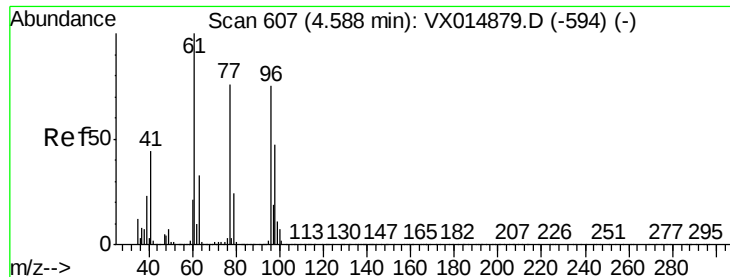
Tgt Ion: 77 Resp: 329685

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.5



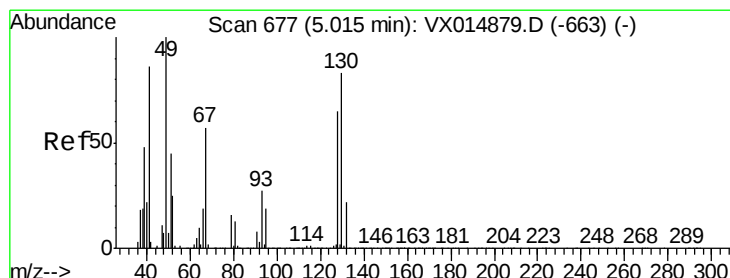
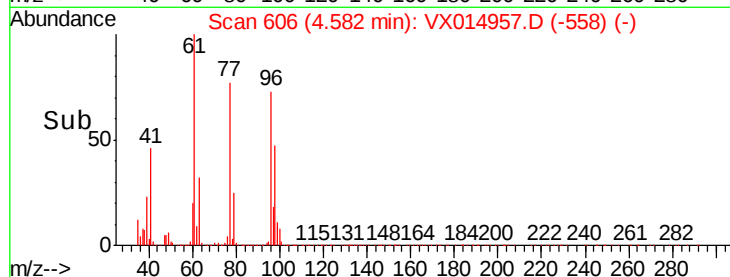
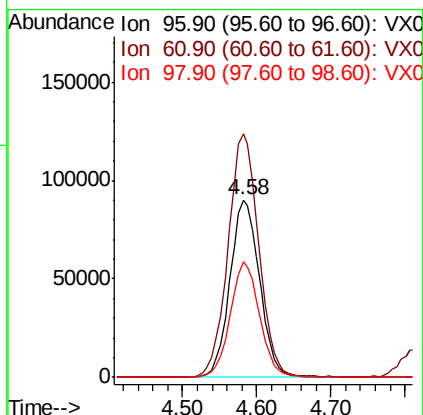
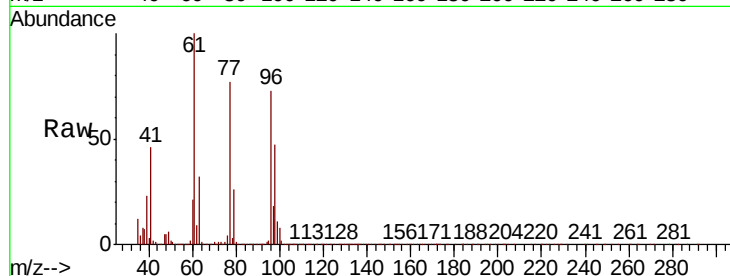


#27

cis-1,2-Dichloroethene
Concen: 49.683 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

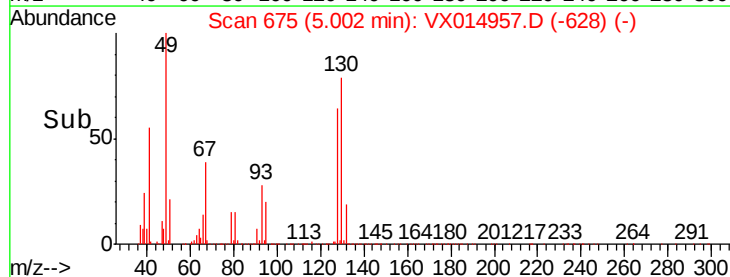
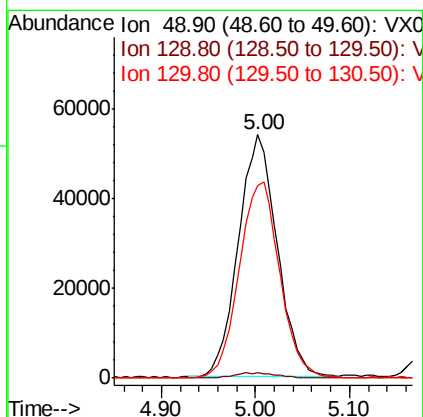
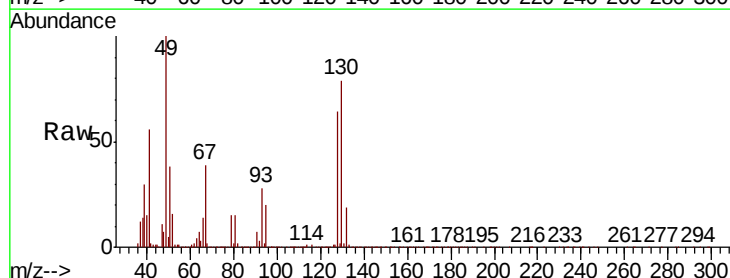
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	286.2
98	64.3	0.0	131.0

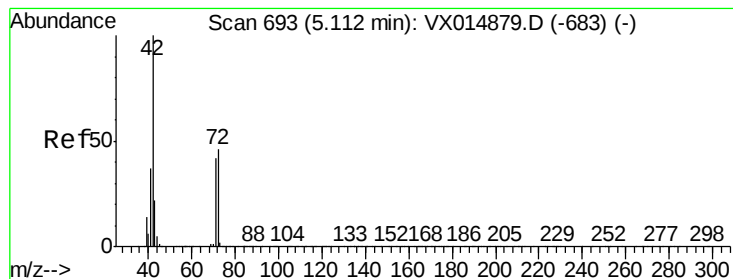


#28

Bromochloromethane
Concen: 51.166 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	84.3	67.4	101.2





#29

Tetrahydrofuran

Concen: 253.764 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

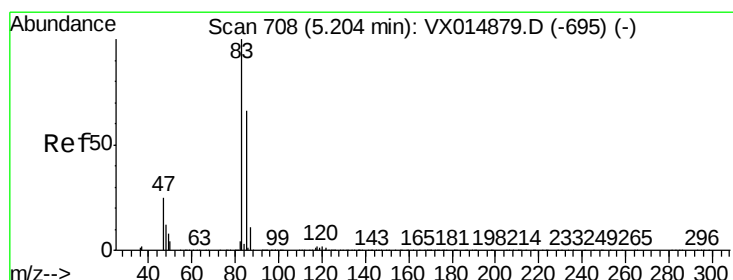
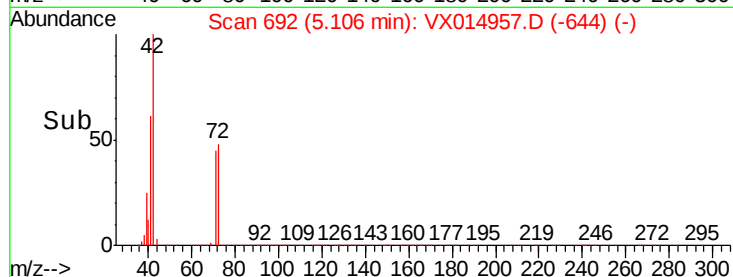
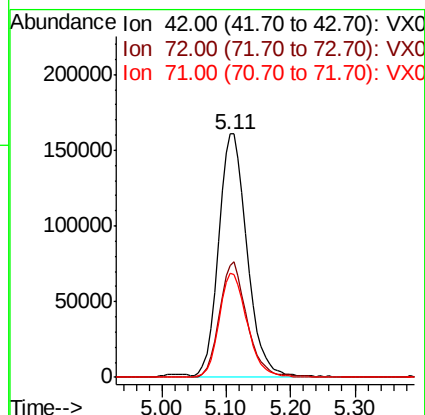
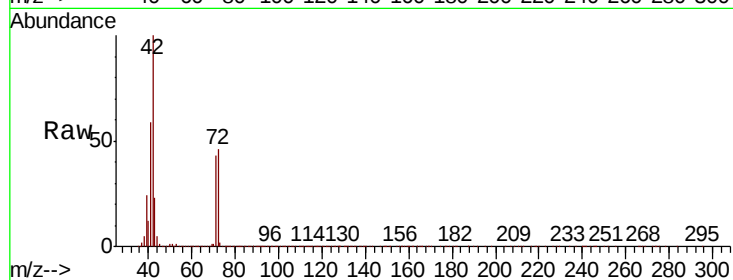
Tot Ion: 42 Resp: 497613

Ion Ratio Lower Upper

42 100

72 45.6 36.9 55.3

71 42.2 34.1 51.1



#30

Chloroform

Concen: 50.504 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014957.D

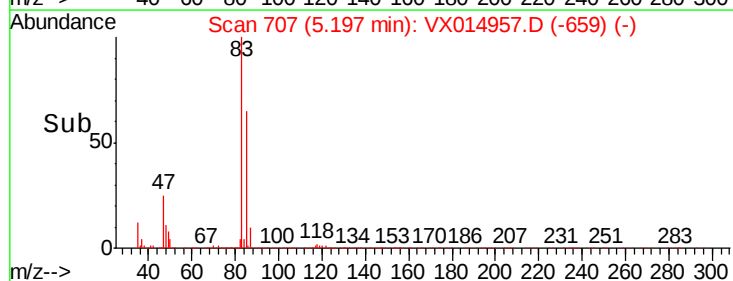
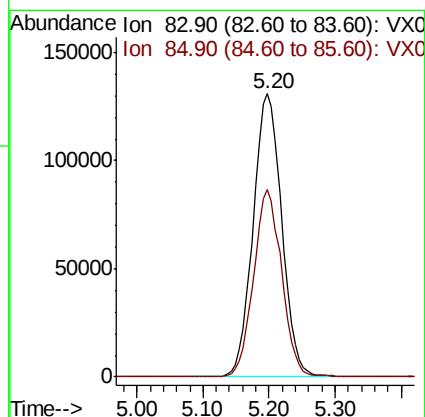
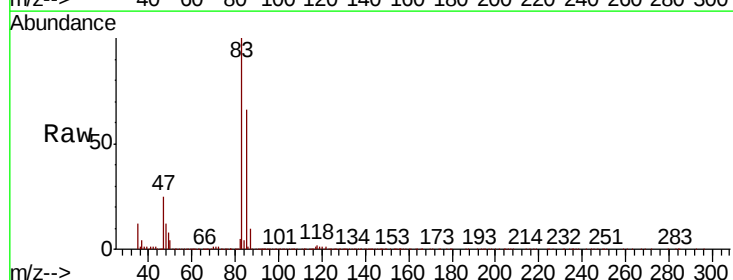
Acq: 19 Feb 2020 10:17

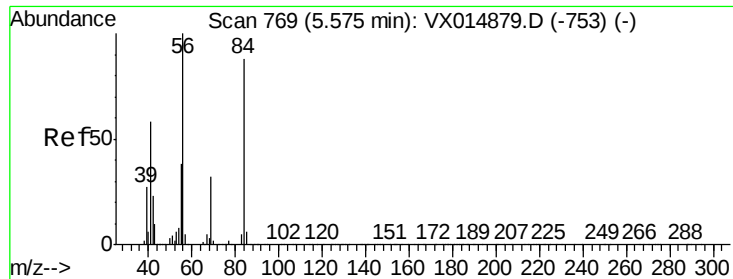
Tgt Ion: 83 Resp: 394071

Ion Ratio Lower Upper

83 100

85 66.2 52.9 79.3

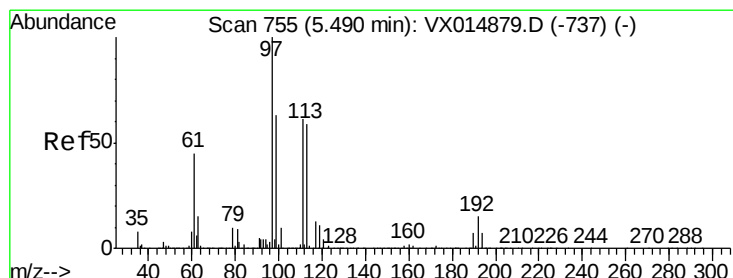
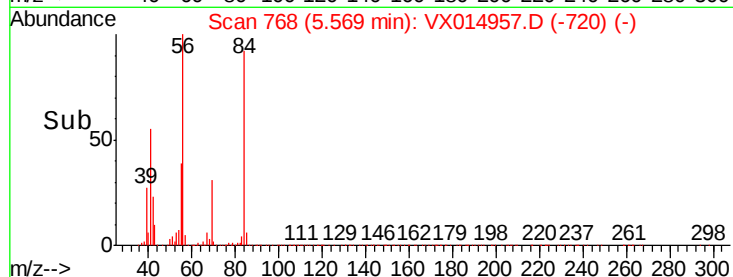
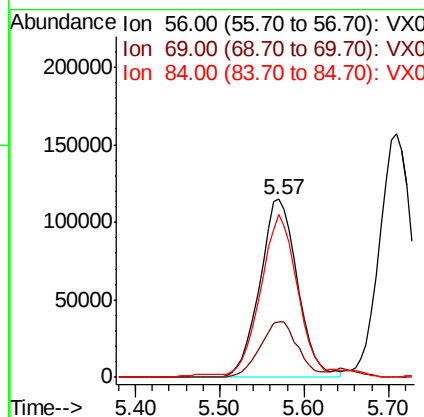
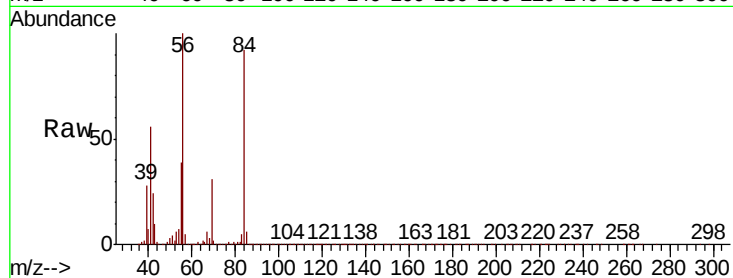




#31
Cyclohexane
Concen: 49.103 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

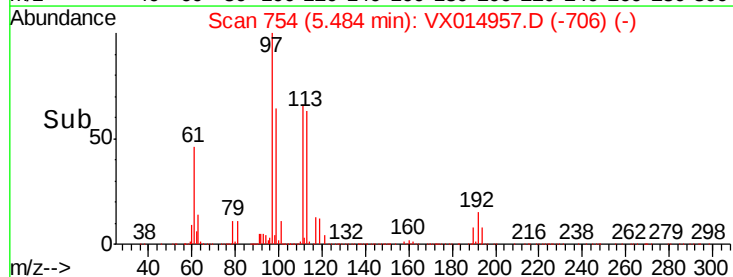
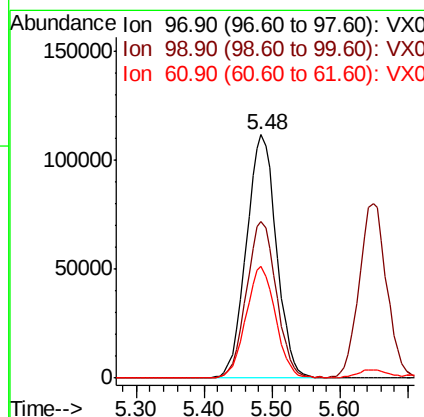
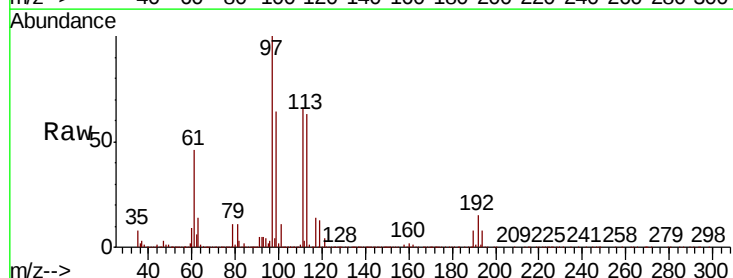
Instrument :
MSVOA_X
ClientSampled :

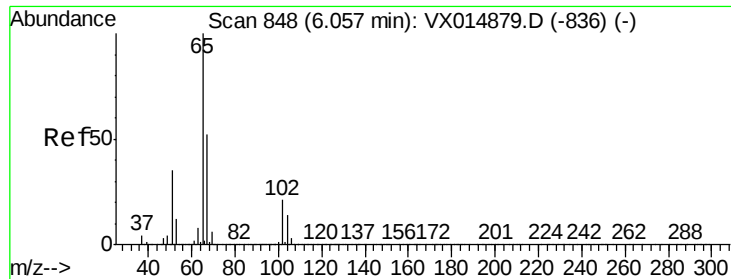
Tot Ion: 56 Resp: 351731
Ion Ratio Lower Upper
56 100
69 31.0 25.9 38.9
84 90.7 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 50.404 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 97 Resp: 344032
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 45.2 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.753 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

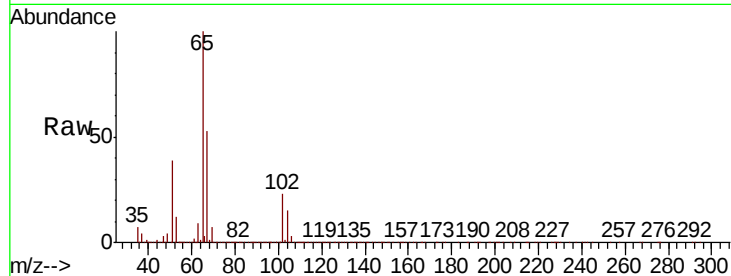
ClientSampled :

Tot Ion: 65 Resp: 247024

Ion Ratio Lower Upper

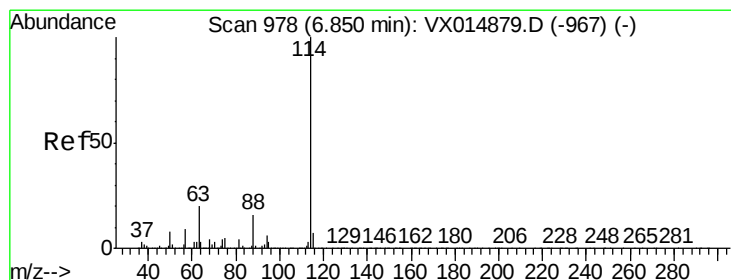
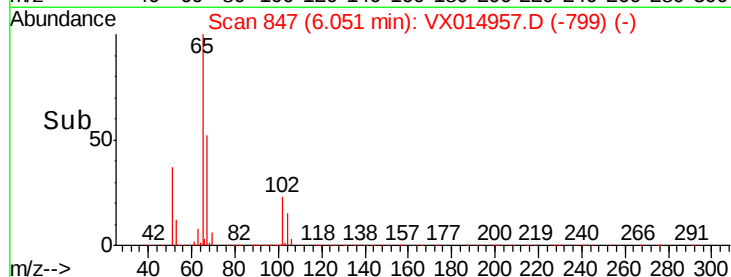
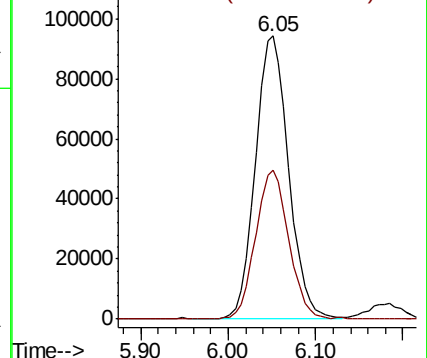
65 100

67 52.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

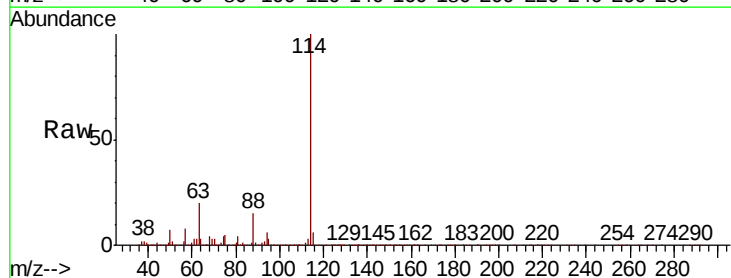
Tgt Ion: 114 Resp: 661319

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

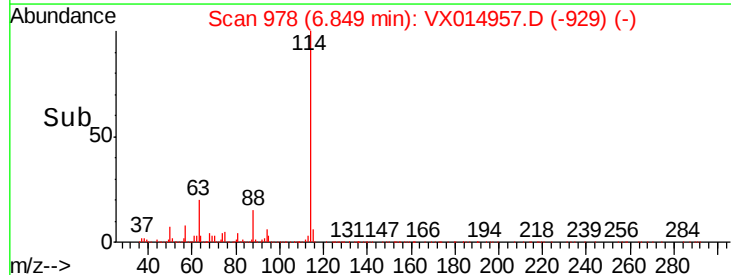
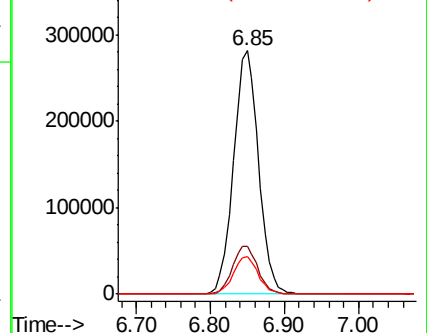
88 15.2 0.0 32.0

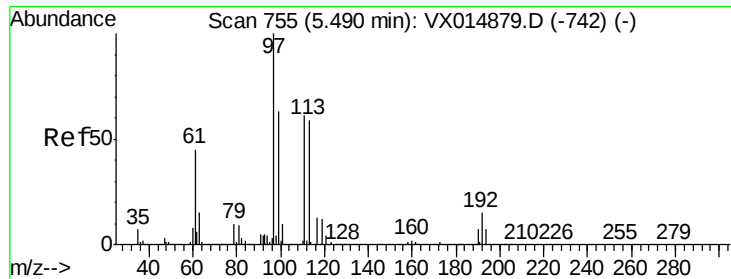


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

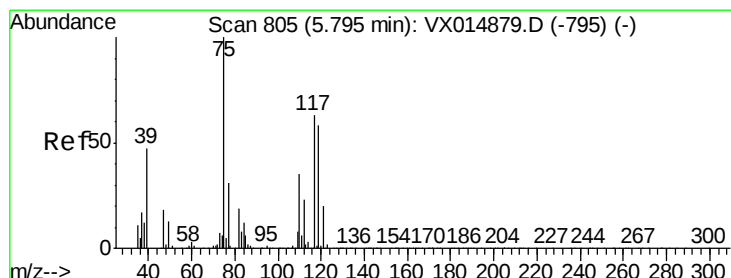
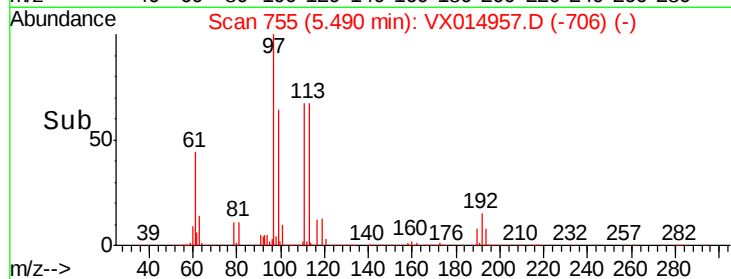
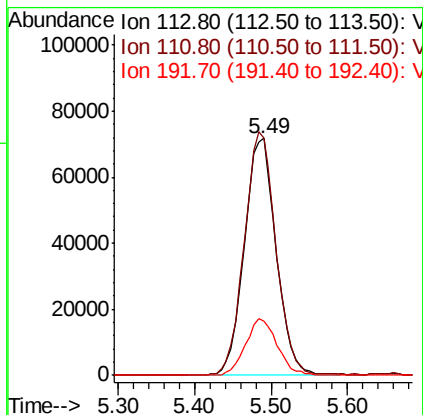
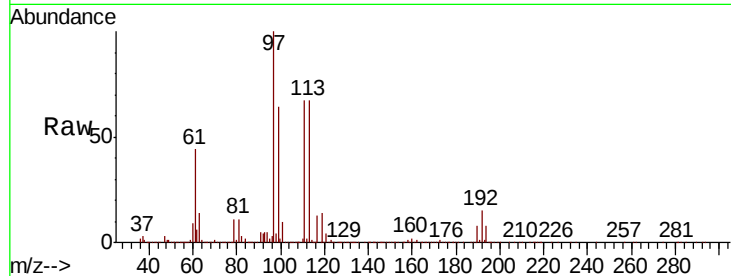




#35
 Dibromofluoromethane
 Concen: 51.124 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

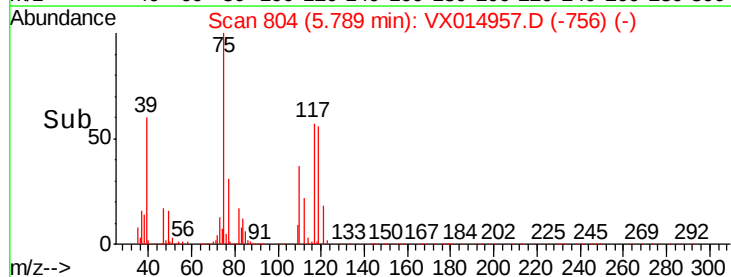
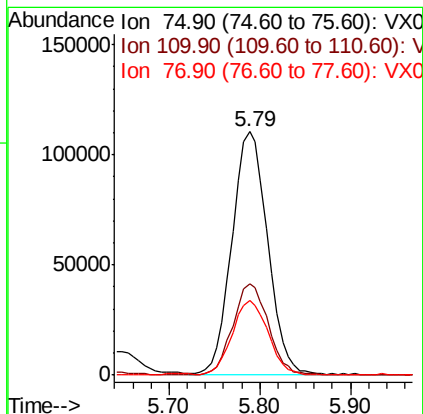
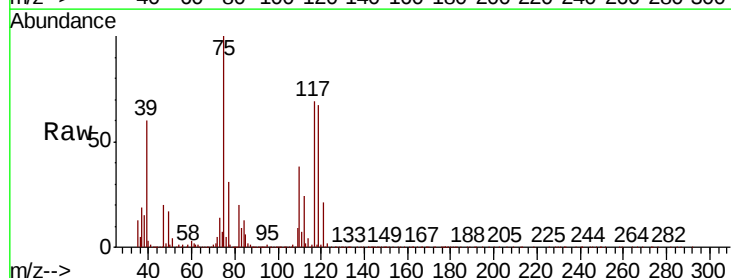
Instrument :
 MSVOA_X
 ClientSampleId :

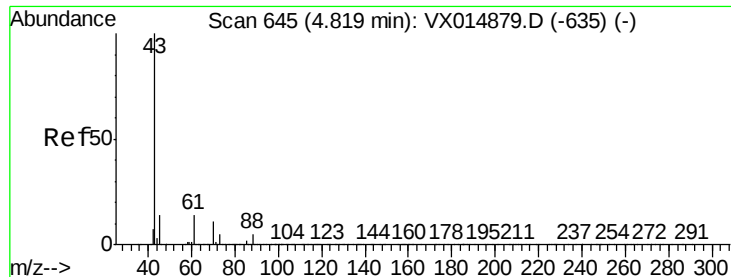
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	23.9	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 50.795 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.8	18.3	54.8
77	30.6	24.6	36.8

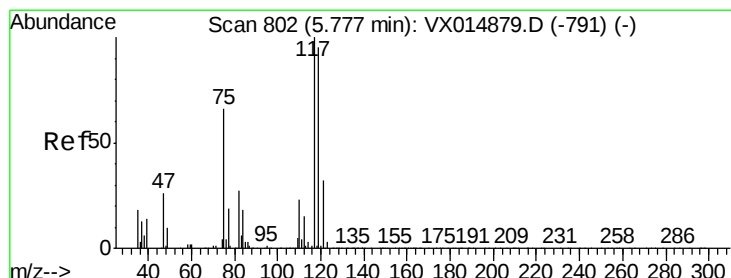
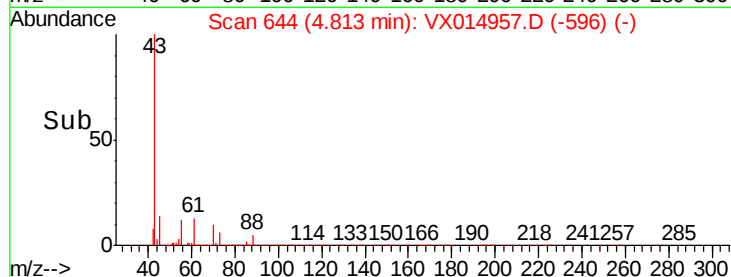
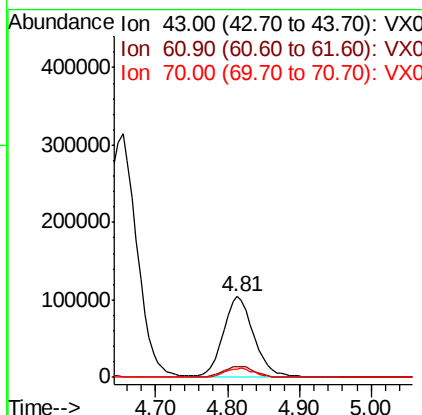
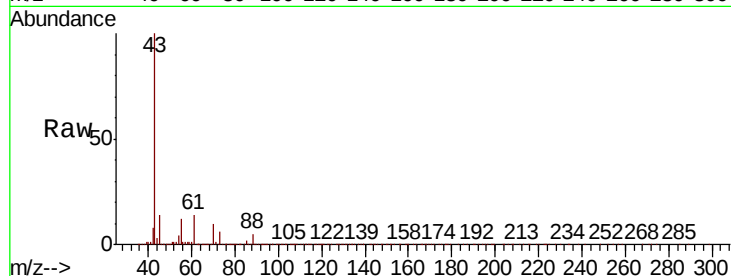




#37
Ethyl Acetate
Concen: 49.555 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

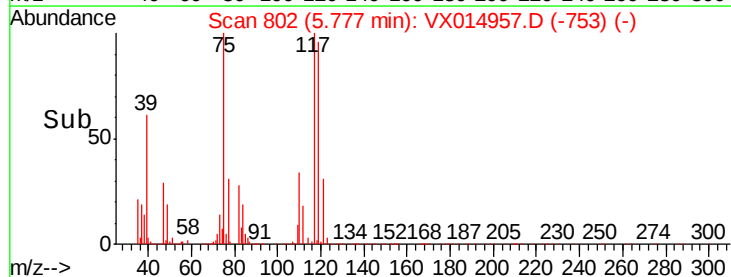
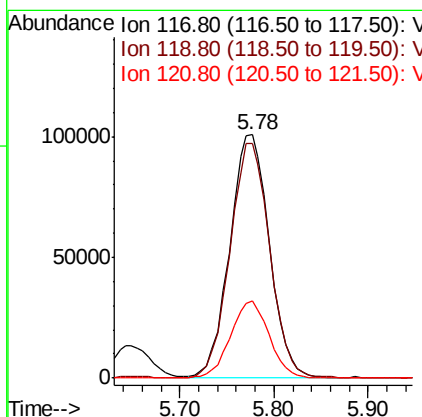
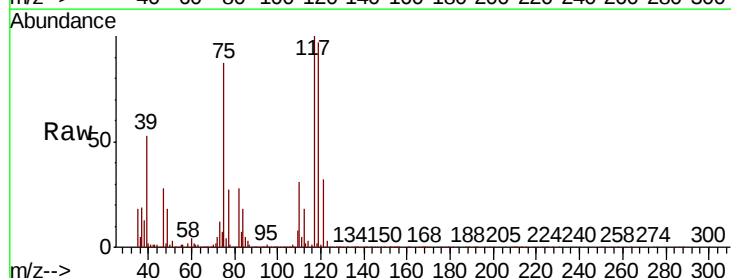
Instrument :
MSVOA_X
ClientSampleId :

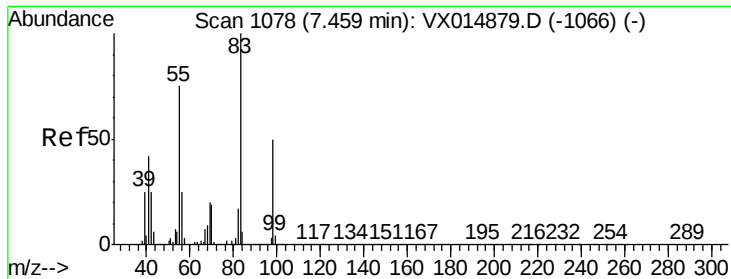
Tot Ion: 43 Resp: 305751
Ion Ratio Lower Upper
43 100
61 13.9 10.9 16.3
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 51.142 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 117 Resp: 294833
Ion Ratio Lower Upper
117 100
119 96.5 76.0 114.0
121 31.9 25.4 38.2

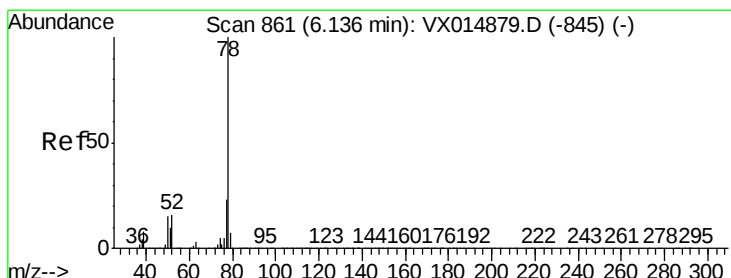
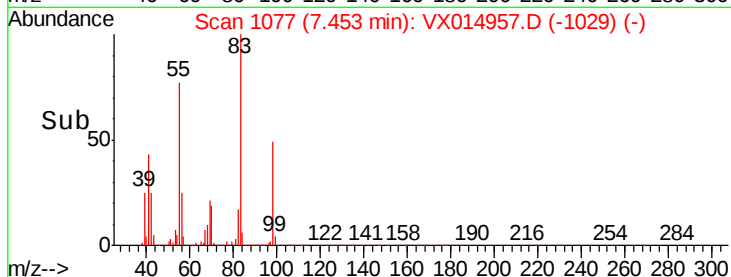
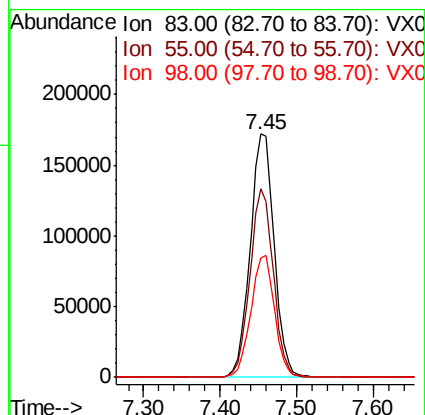
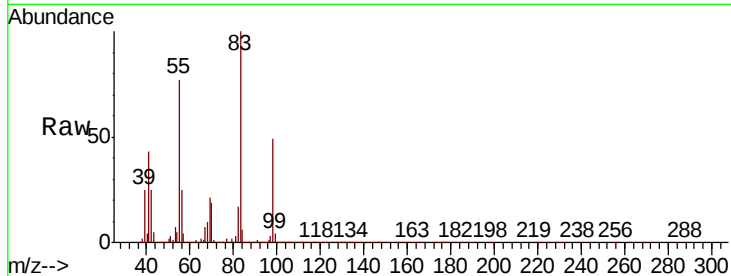




#39
Methvlcvclohexane
Concen: 50.796 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

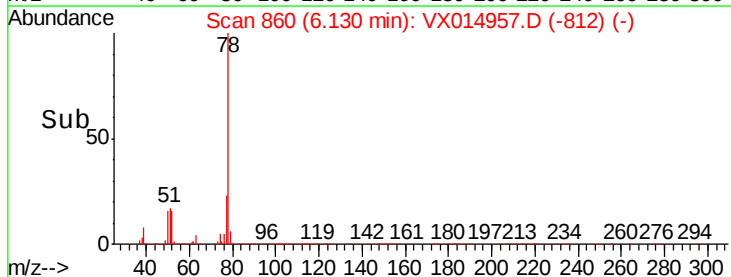
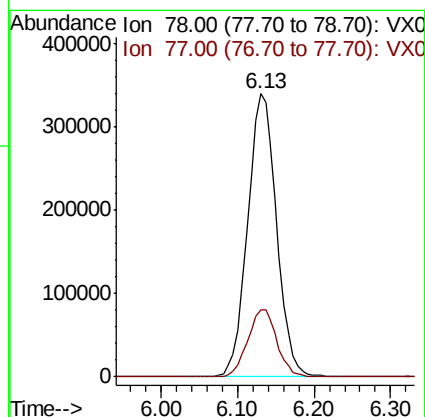
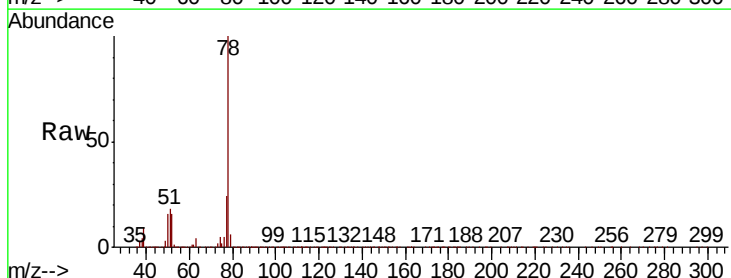
Instrument :
MSVOA_X
ClientSampleId :

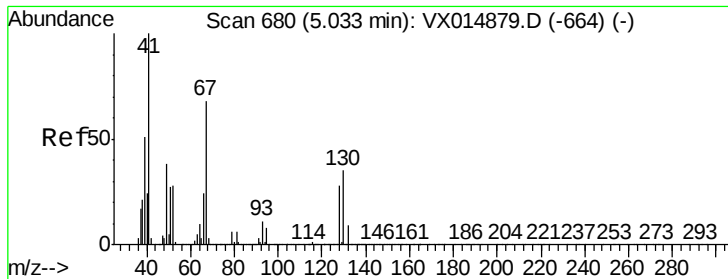
Tot Ion: 83 Resp: 375813
Ion Ratio Lower Upper
83 100
55 77.1 60.0 90.0
98 49.1 39.6 59.4



#40
Benzene
Concen: 50.421 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 78 Resp: 891197
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2





#41

Methacrylonitrile

Concen: 51.666 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 171733

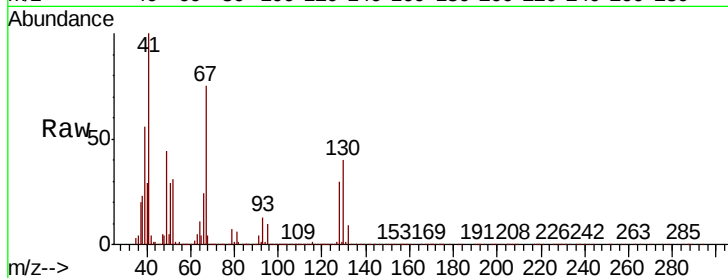
Ion Ratio Lower Upper

41 100

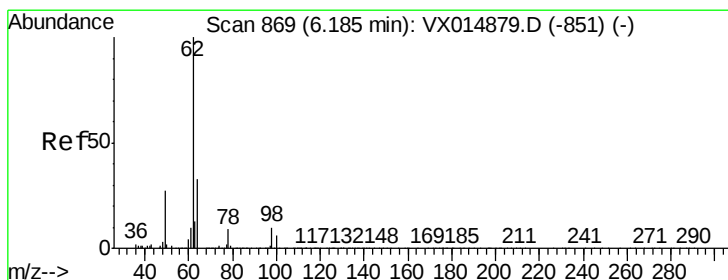
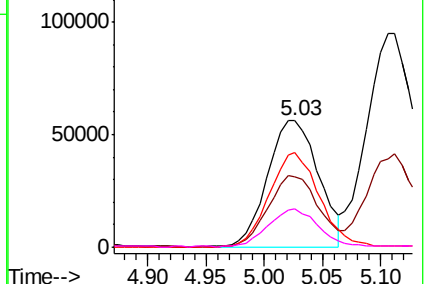
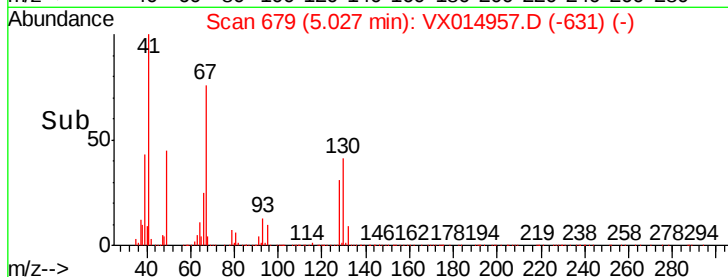
39 56.1 44.7 67.1

67 73.0 56.6 84.8

52 28.9 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: 50.317 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014957.D

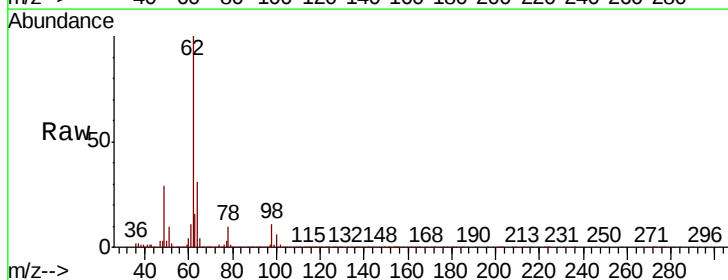
Acq: 19 Feb 2020 10:17

Tgt Ion: 62 Resp: 321438

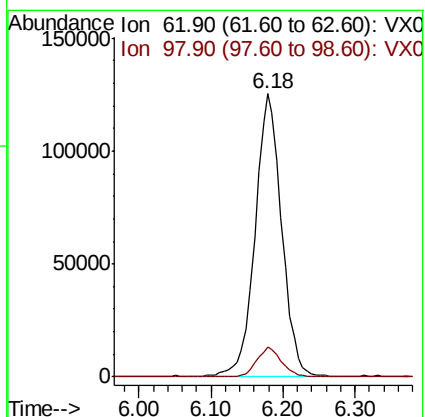
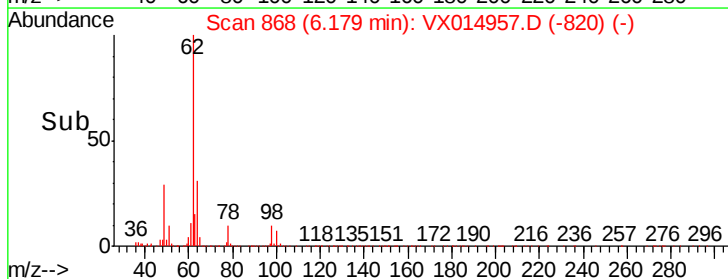
Ion Ratio Lower Upper

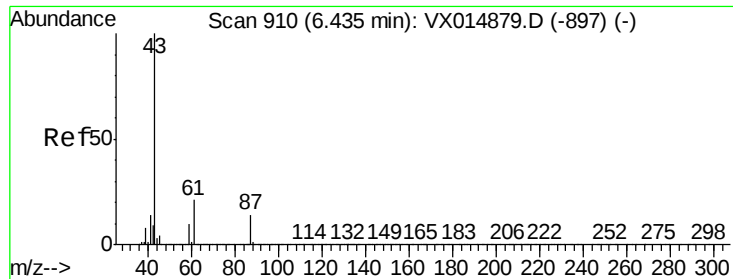
62 100

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



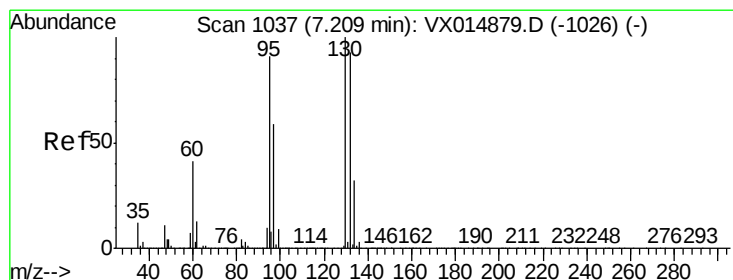
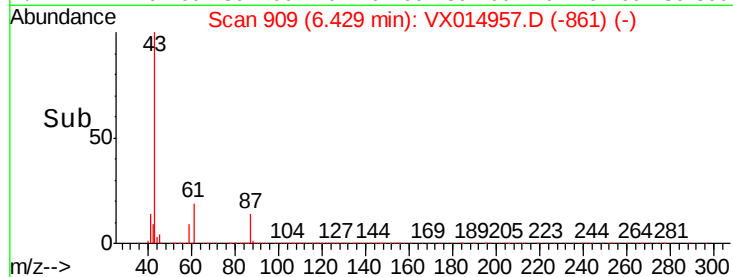
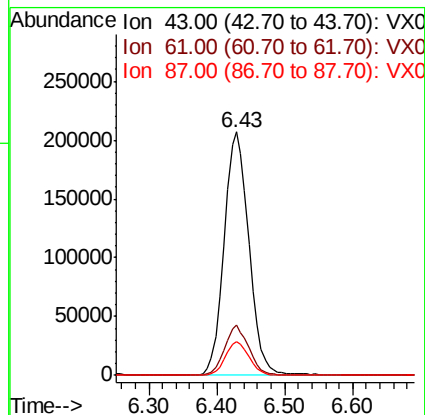
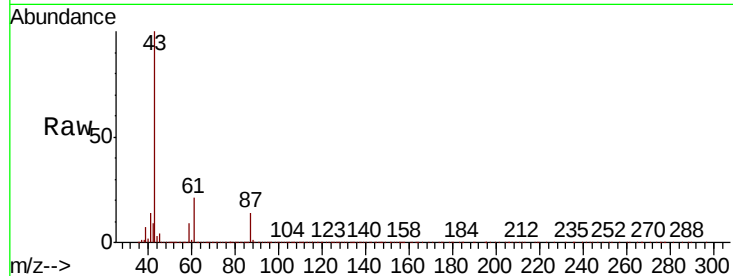


#43

Isopropyl Acetate
 Concen: 50.907 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Instrument :
 MSVOA_X
 ClientSampled :

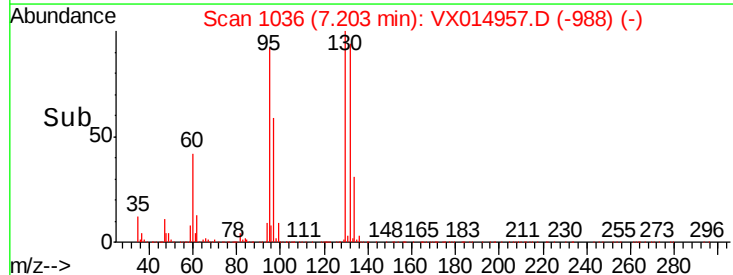
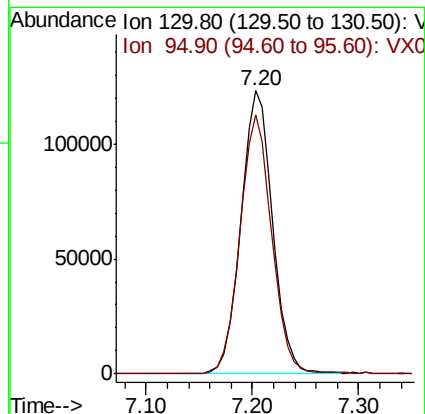
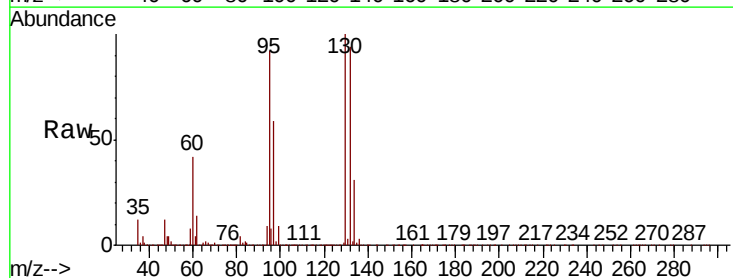
Tot Ion	43	Resp	518139
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.2	24.4
87	13.4	11.0	16.6

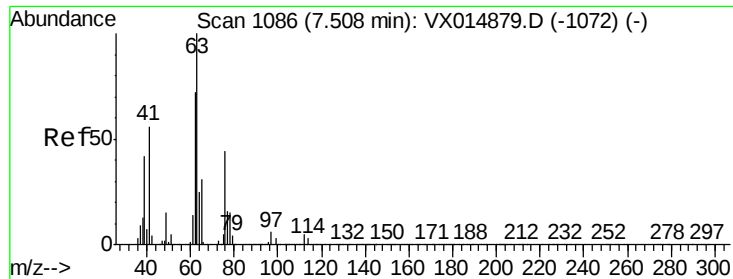


#44

Trichloroethene
 Concen: 49.872 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	130	Resp	255896
Ion Ratio	Lower	Upper	
130	100		
95	91.6	0.0	182.6

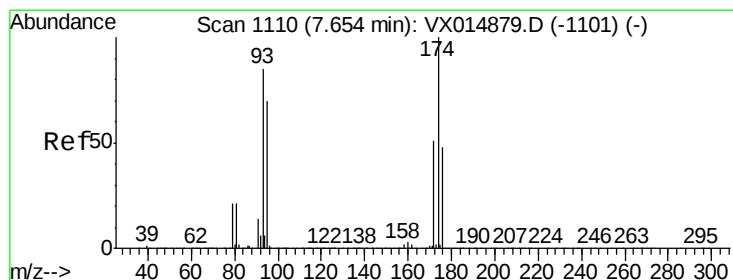
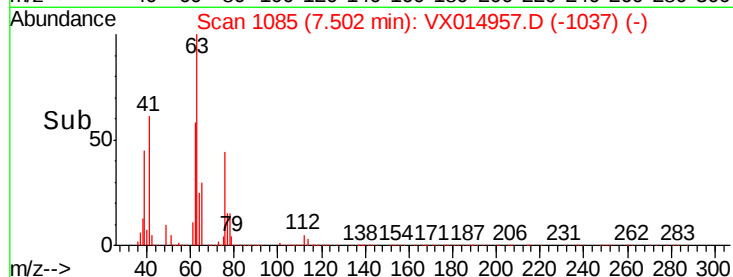
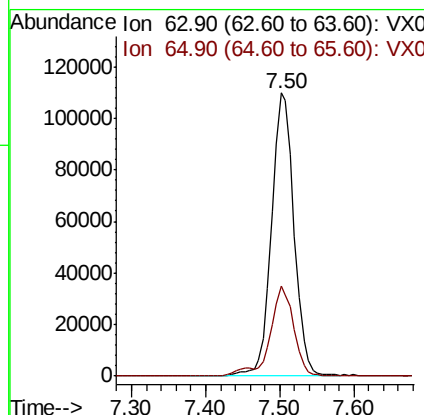
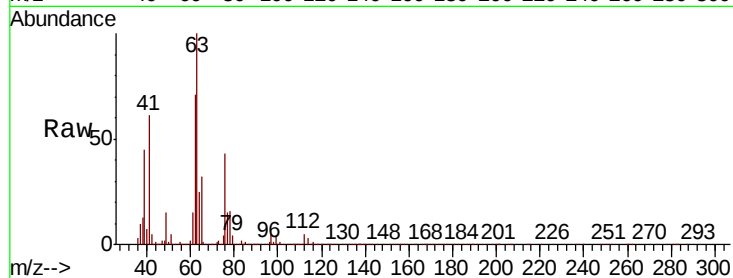




#45
 1,2-Dichloropropane
 Concen: 51.184 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

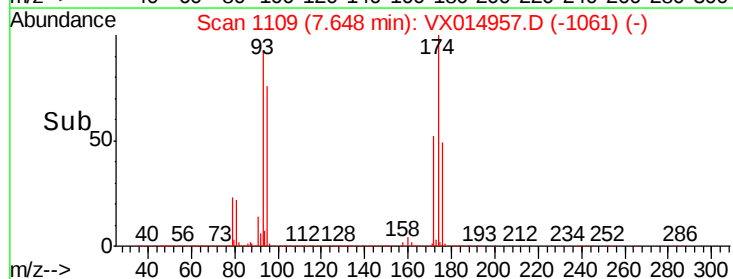
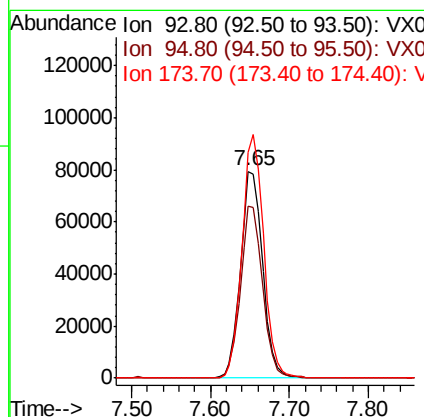
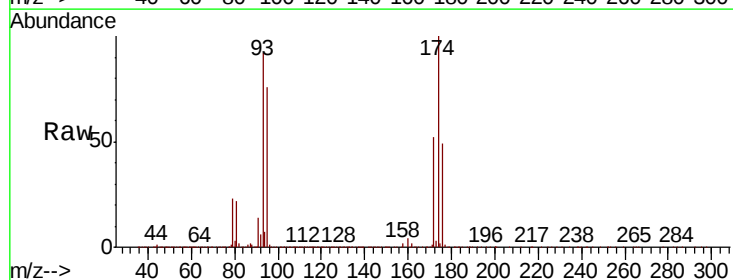
Instrument :
 MSVOA_X
 ClientSampleId :

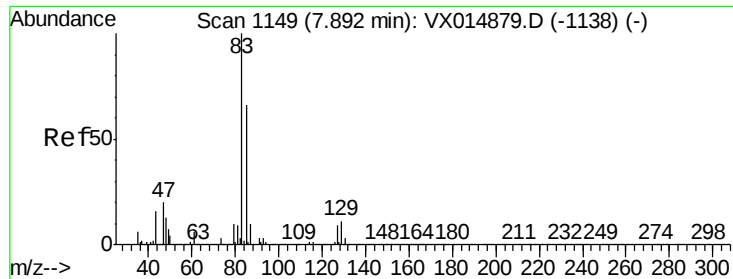
Tot Ion: 63 Resp: 230723
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.9 37.3



#46
 Dibromomethane
 Concen: 50.222 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion: 93 Resp: 154748
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.8 98.8
 174 116.1 95.4 143.2

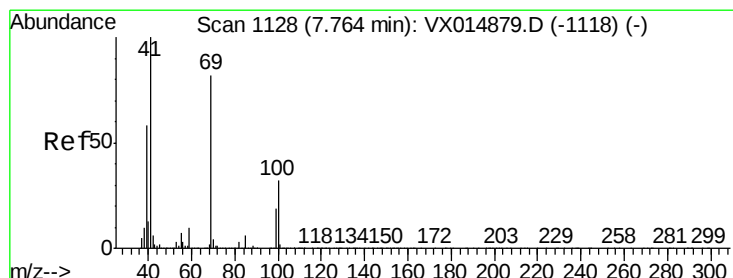
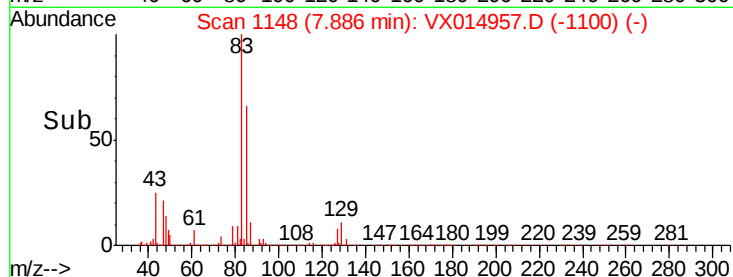
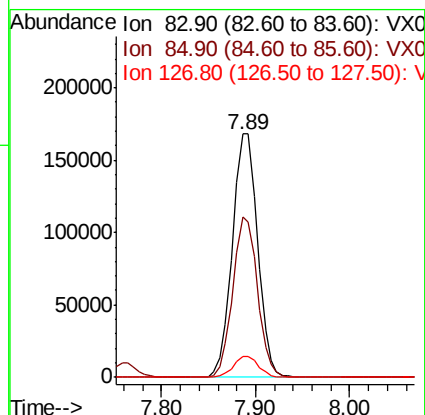
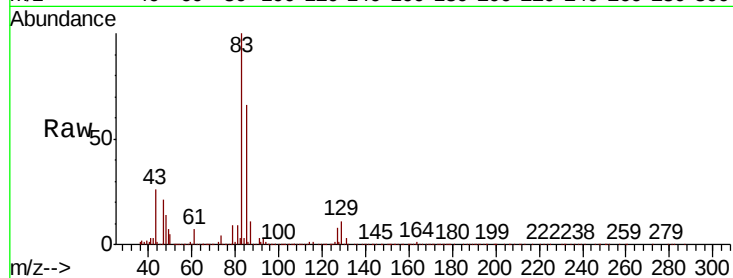




#47
Bromodichloromethane
Concen: 51.344 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

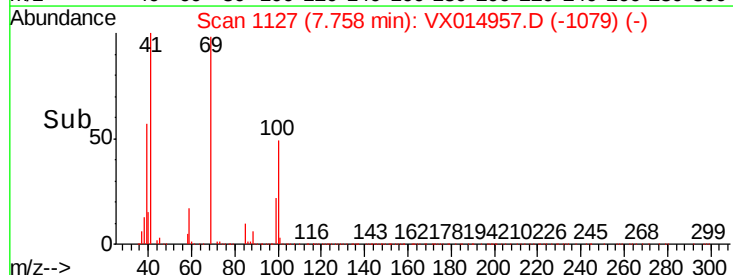
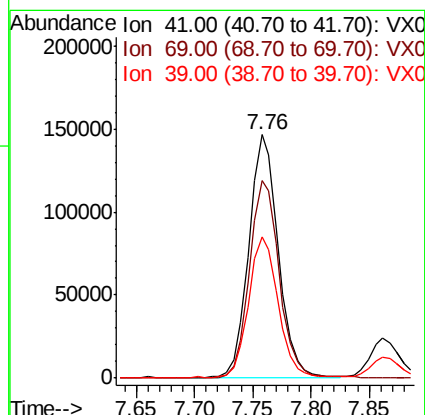
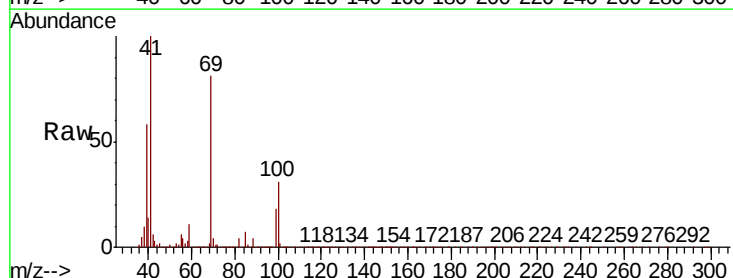
Instrument :
MSVOA_X
ClientSampleId :

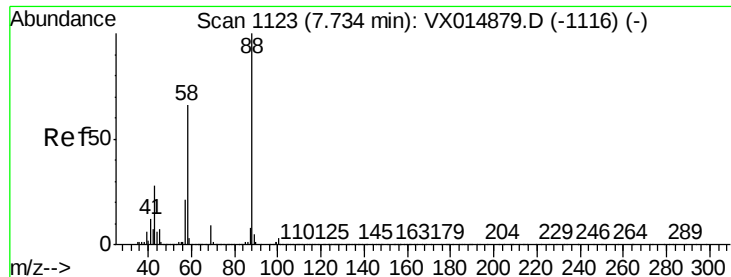
Tot Ion: 83 Resp: 313682
Ion Ratio Lower Upper
83 100
85 65.7 52.5 78.7
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 51.956 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 41 Resp: 260247
Ion Ratio Lower Upper
41 100
69 82.2 65.7 98.5
39 57.6 45.8 68.8





#49

1,4-Dioxane

Concen: 1060.532 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

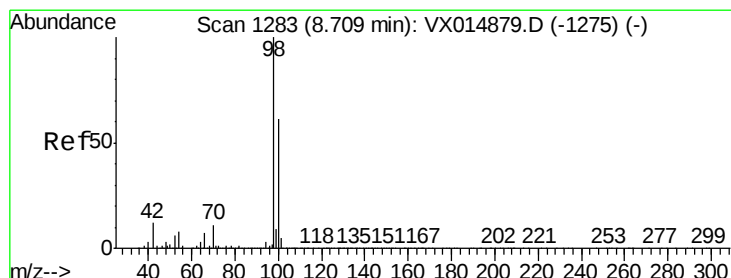
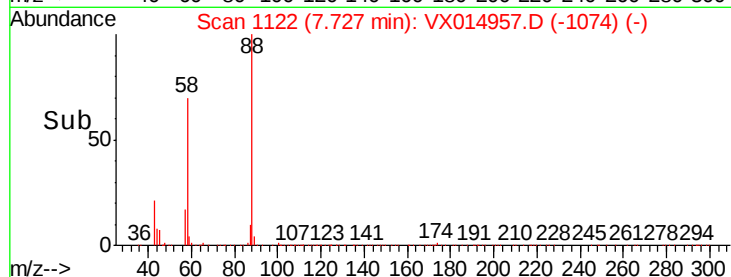
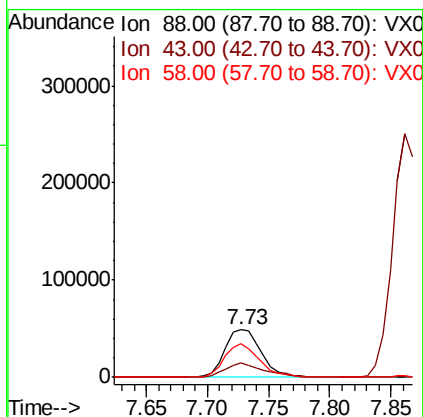
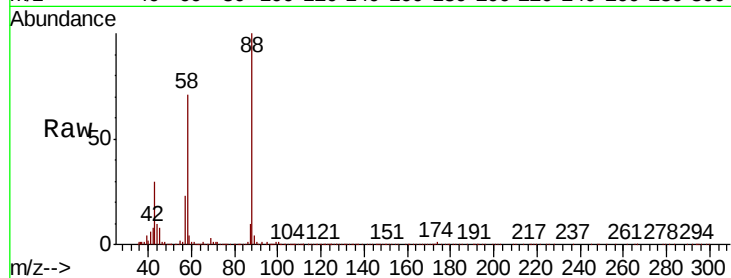
Tot Ion: 88 Resp: 99322

Ion Ratio Lower Upper

88 100

43 33.0 27.0 40.4

58 68.1 53.2 79.8



#50

Toluene-d8

Concen: 50.537 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014957.D

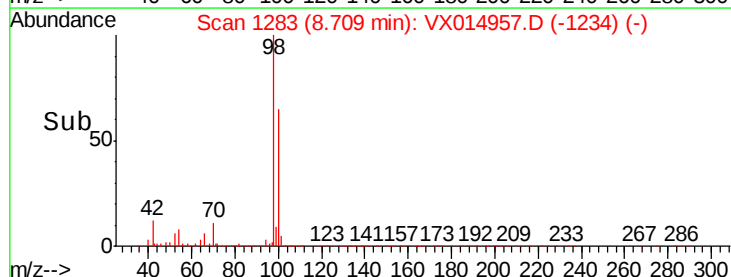
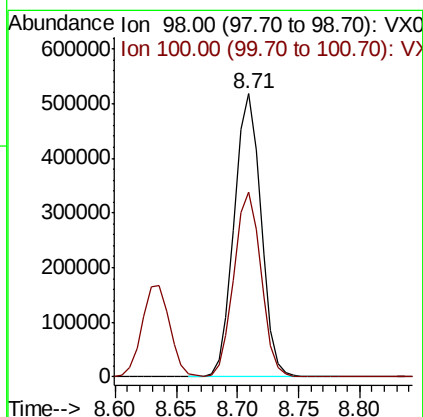
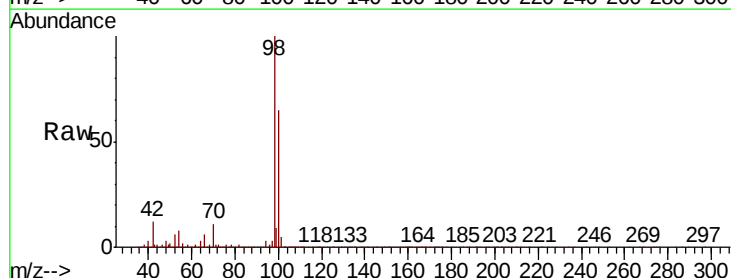
Acq: 19 Feb 2020 10:17

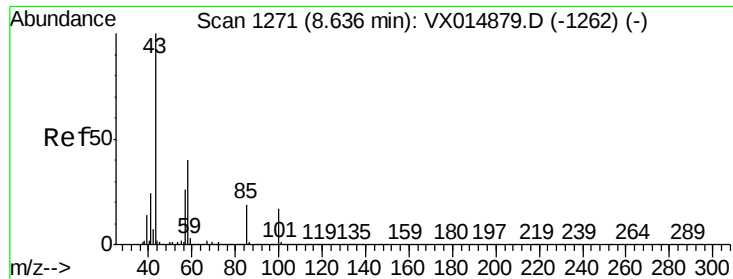
Tgt Ion: 98 Resp: 784280

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6

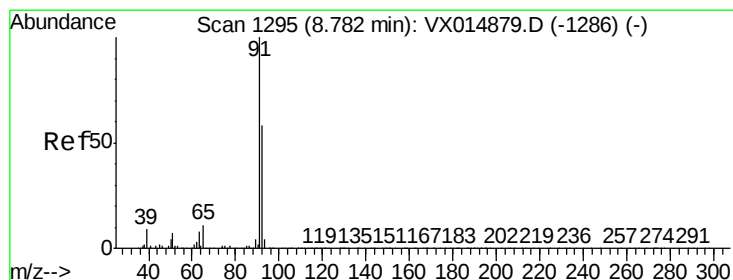
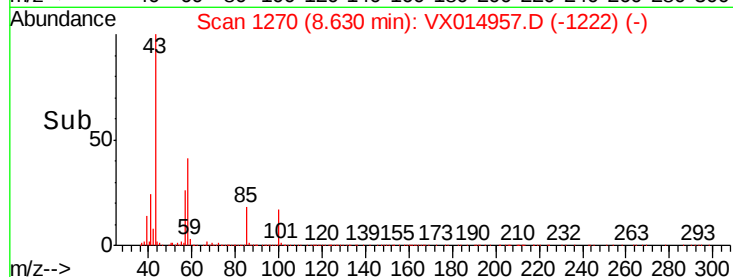
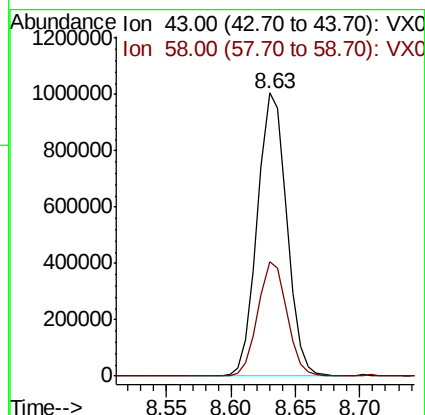
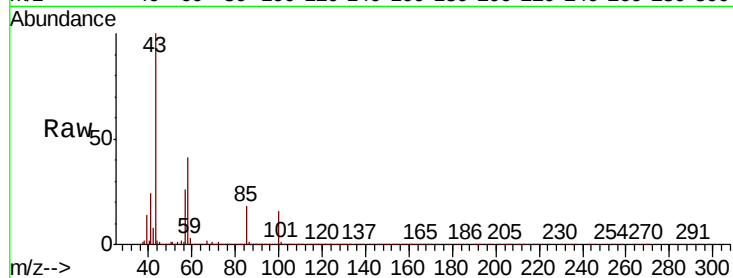




#51
4-Methyl-2-Pentanone
Concen: 257.750 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

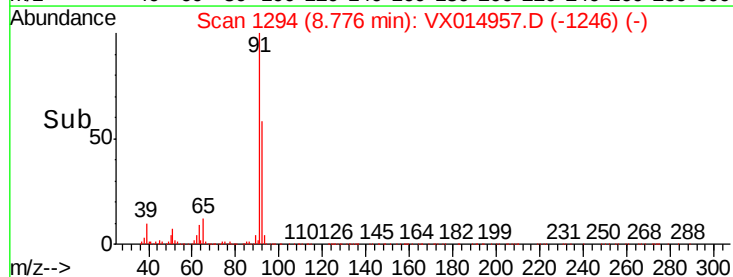
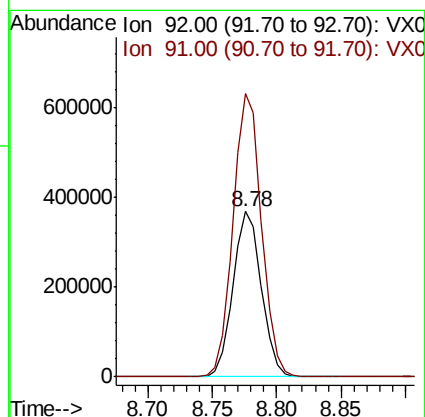
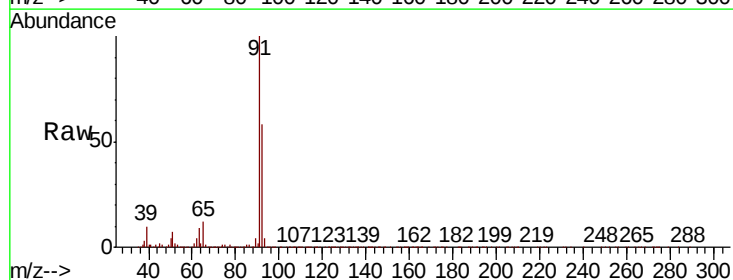
Instrument :
MSVOA_X
ClientSampleId :

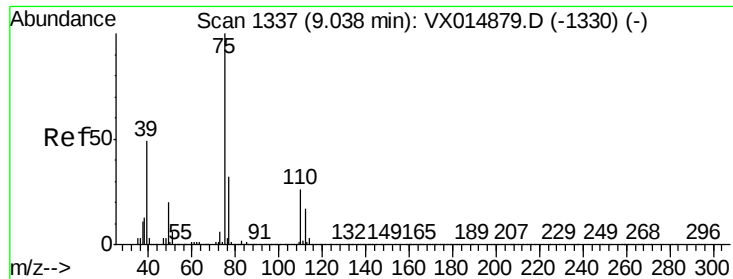
Tot Ion: 43 Resp: 1584086
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9



#52
Toluene
Concen: 50.474 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 92 Resp: 566628
Ion Ratio Lower Upper
92 100
91 172.1 137.0 205.4

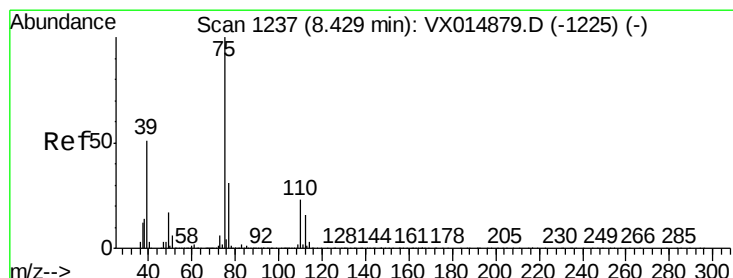
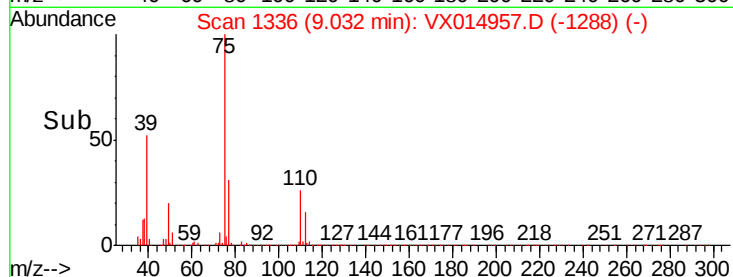
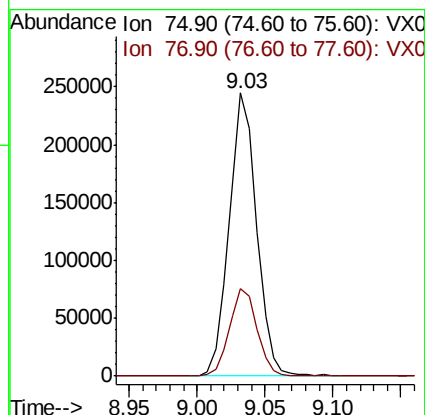
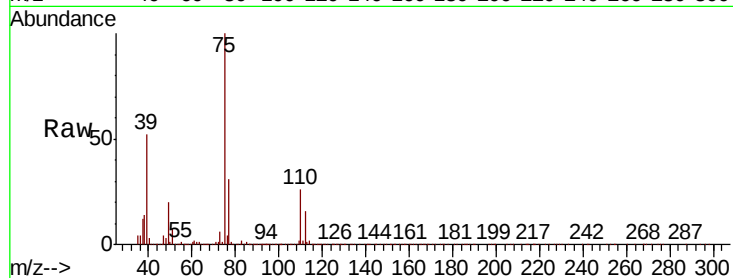




#53
 t-1,3-Dichloropropene
 Concen: 51.282 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

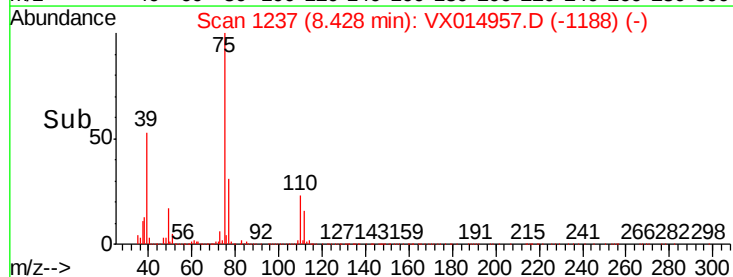
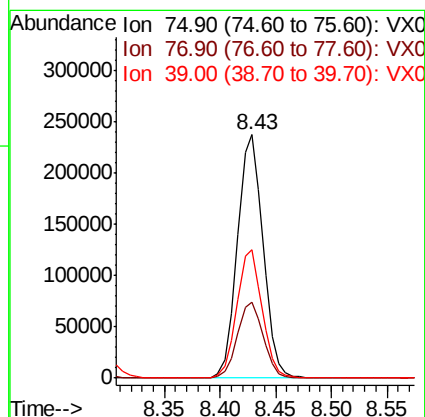
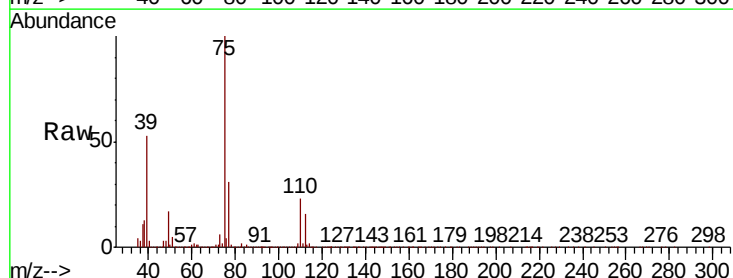
Instrument :
 MSVOA_X
 ClientSampled :

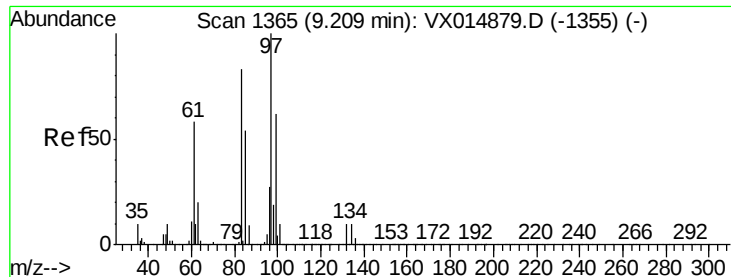
Tot Ion: 75 Resp: 343364
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.921 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion: 75 Resp: 376650
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.6 37.0
 39 52.8 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 50.472 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 229240

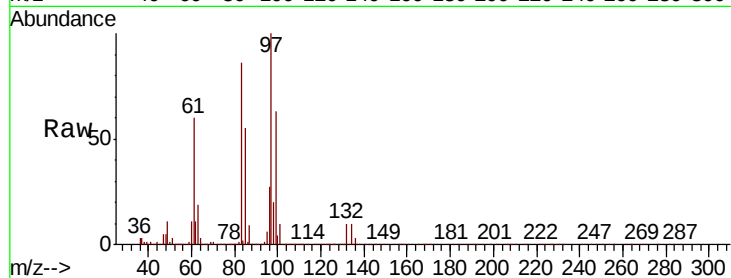
Ion Ratio Lower Upper

97 100

83 85.6 66.6 99.8

85 54.8 43.5 65.3

99 62.4 49.6 74.4

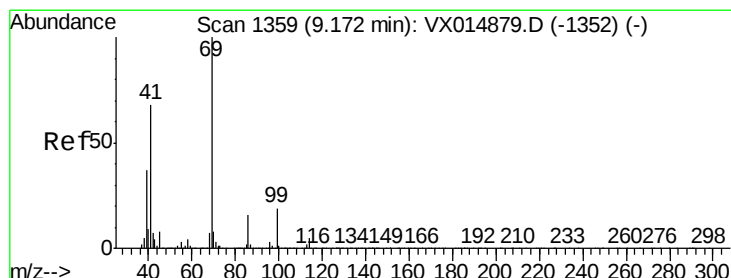
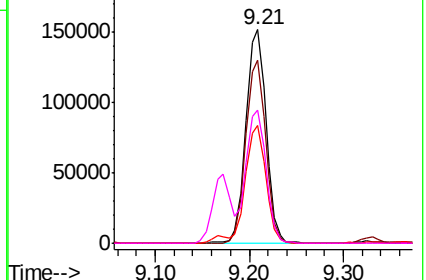
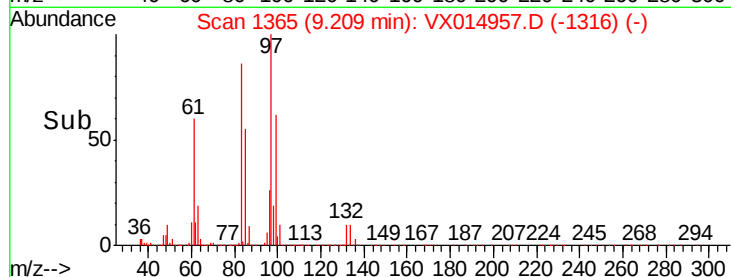


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 53.229 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

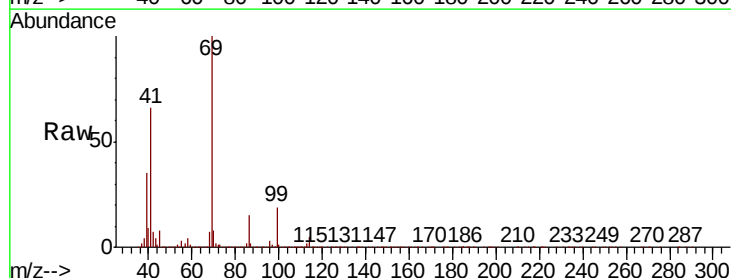
Tgt Ion: 69 Resp: 363384

Ion Ratio Lower Upper

69 100

41 68.2 54.8 82.2

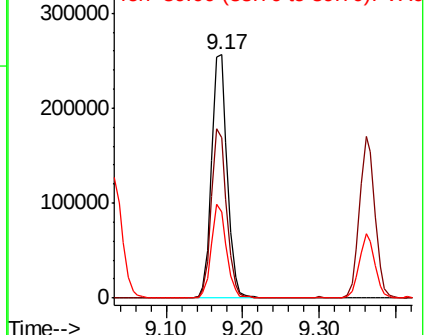
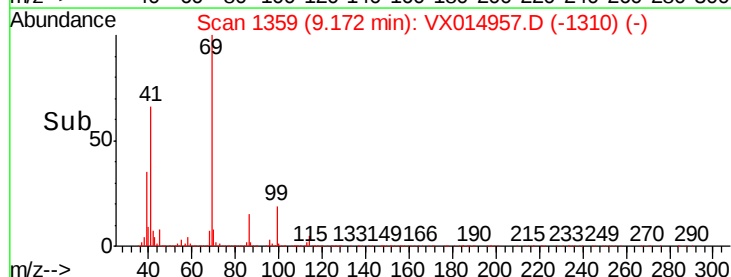
39 37.0 29.9 44.9

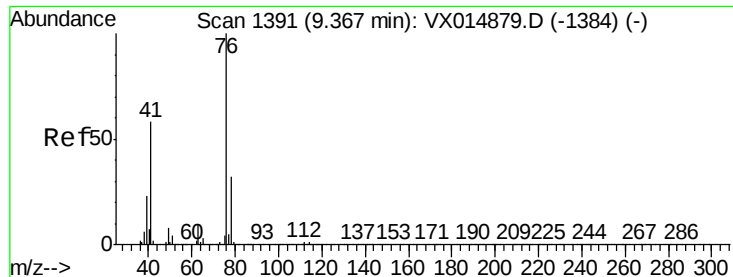


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.804 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

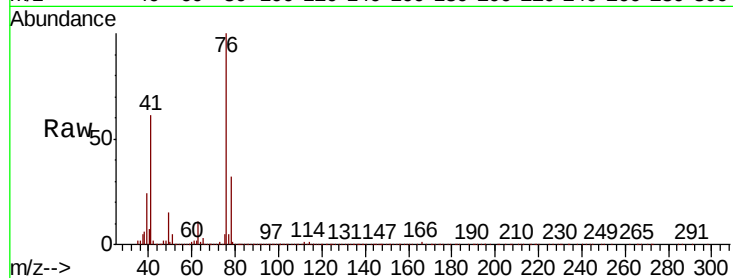
ClientSampleId :

Tot Ion: 76 Resp: 388421

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

250000

200000

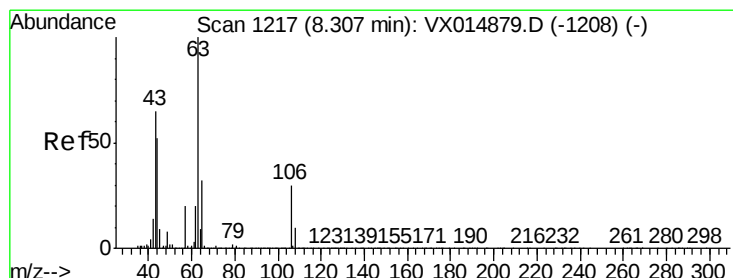
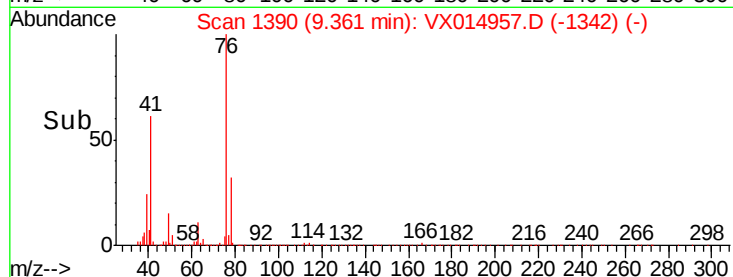
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 259.262 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014957.D

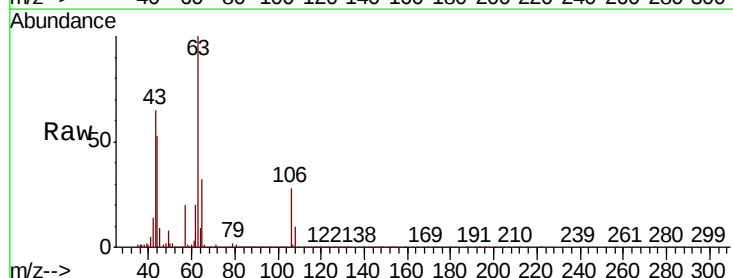
Acq: 19 Feb 2020 10:17

Tgt Ion: 63 Resp: 925647

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

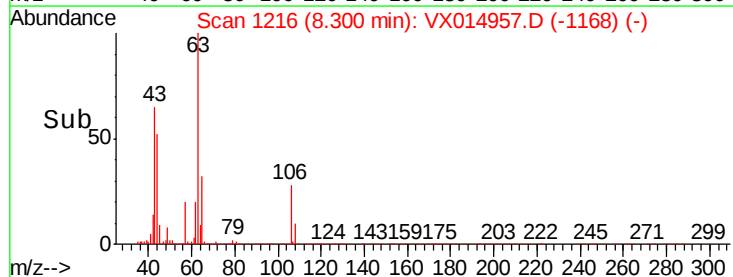
600000

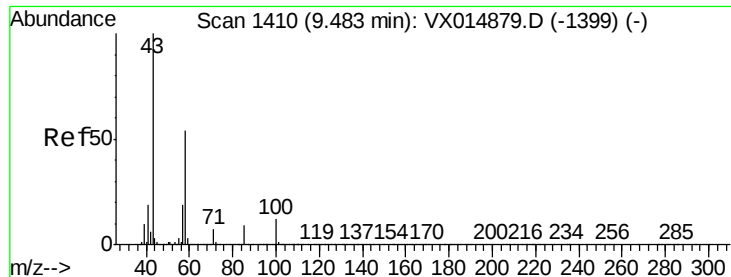
400000

200000

0

Time-->

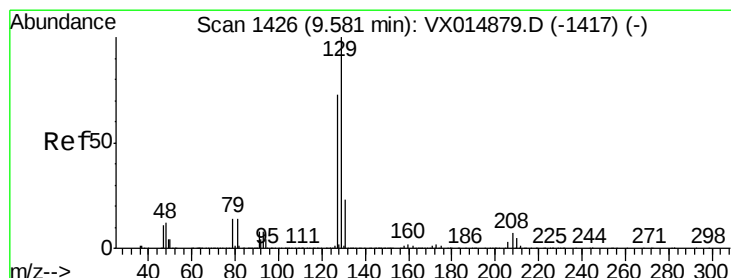
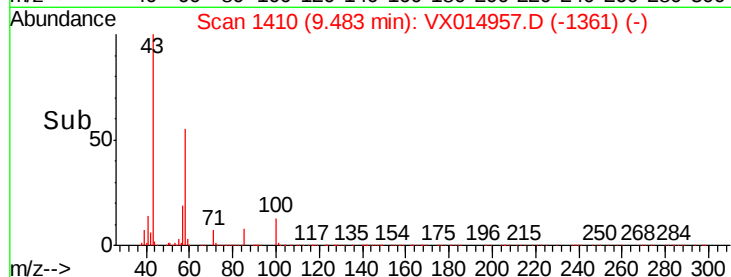
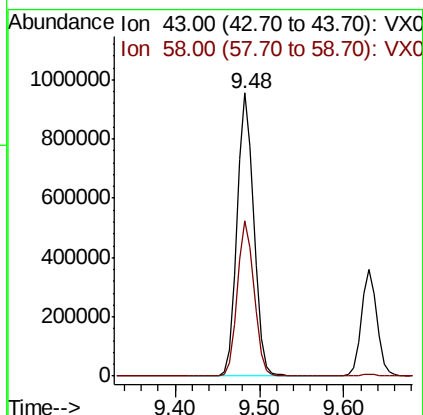
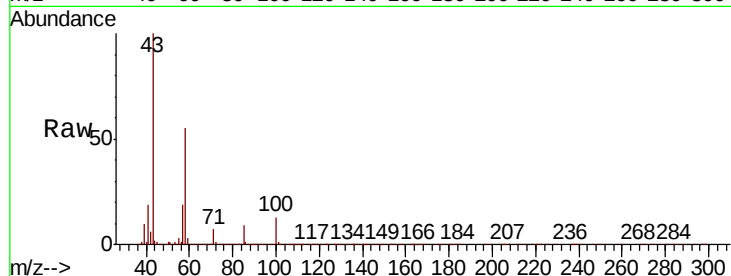




#59
2-Hexanone
Concen: 263.274 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

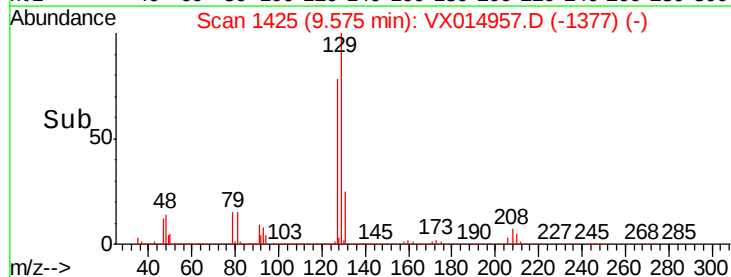
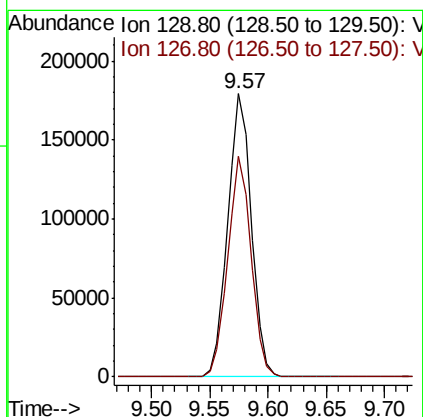
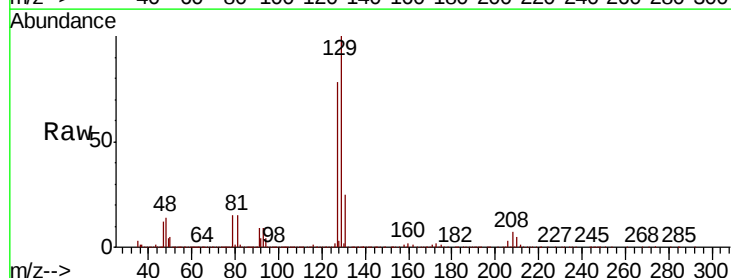
Instrument :
MSVOA_X
ClientSampled :

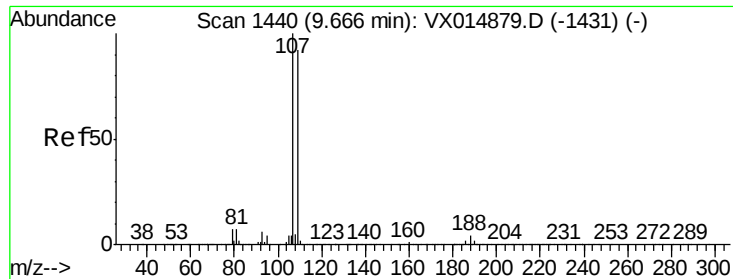
Tot Ion: 43 Resp: 1271793
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.5



#60
Dibromochloromethane
Concen: 51.832 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion: 129 Resp: 253343
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.3

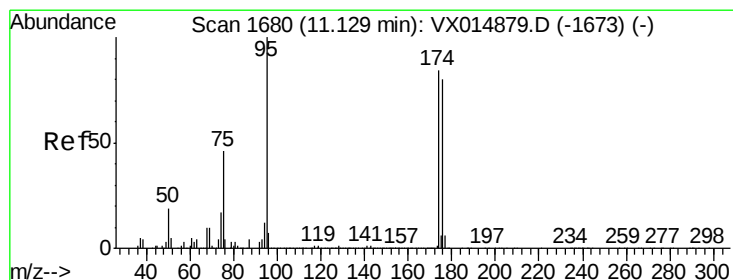
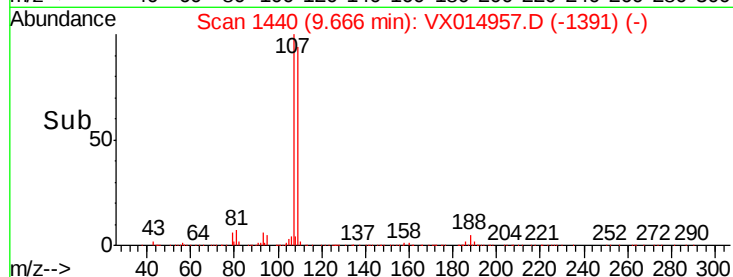
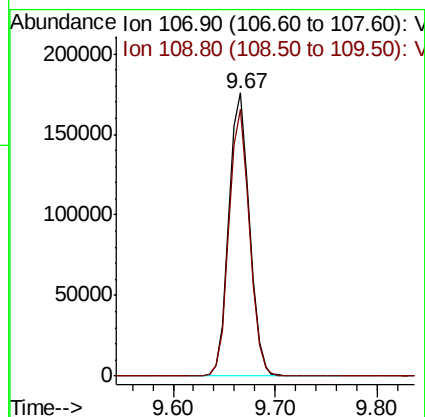
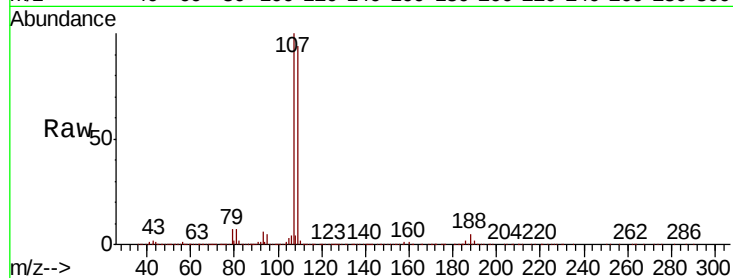




#61
 1,2-Dibromoethane
 Concen: 50.150 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

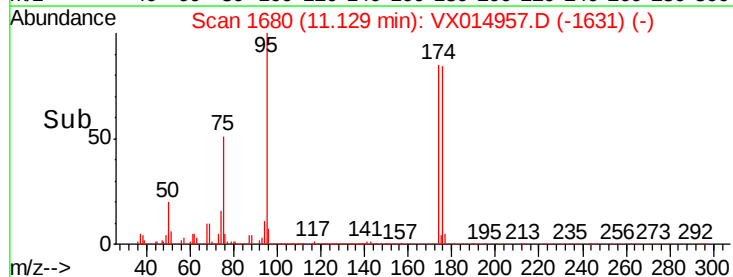
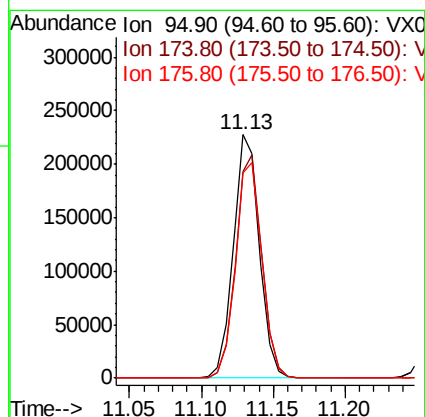
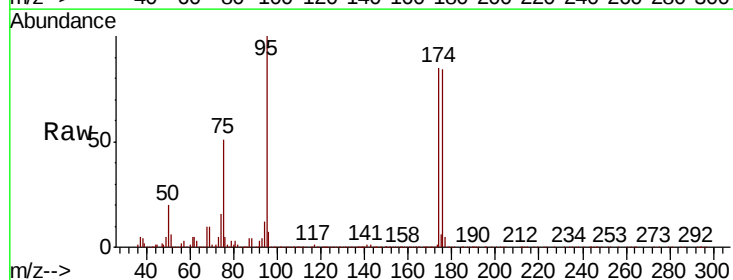
Instrument :
 MSVOA_X
 ClientSampleId :

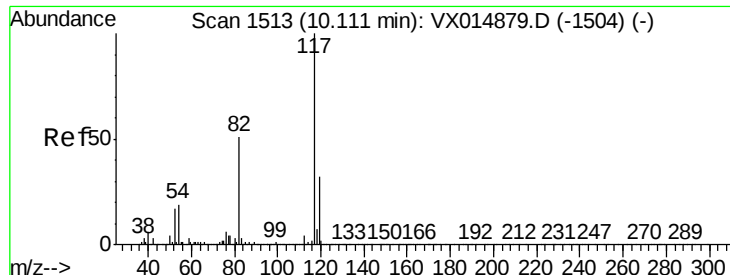
Tot Ion:107 Resp: 245763
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.399 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion: 95 Resp: 287342
 Ion Ratio Lower Upper
 95 100
 174 92.0 0.0 183.0
 176 90.0 0.0 178.0

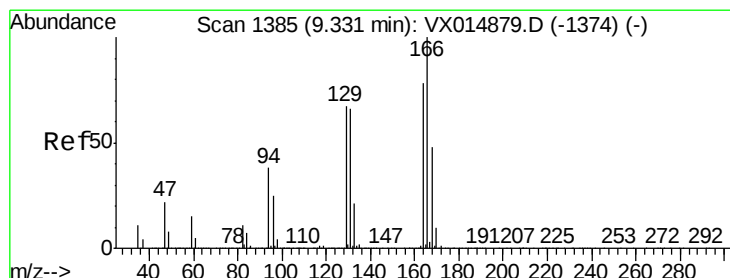
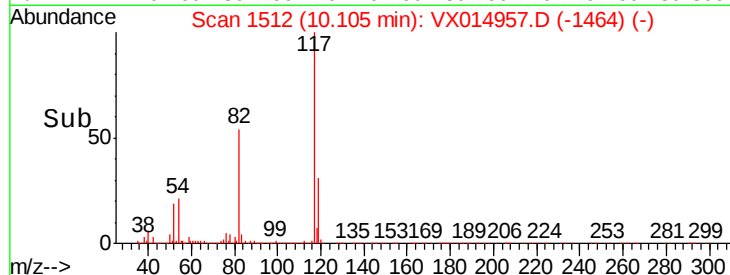
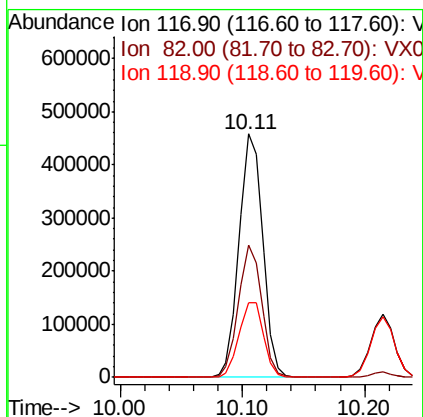
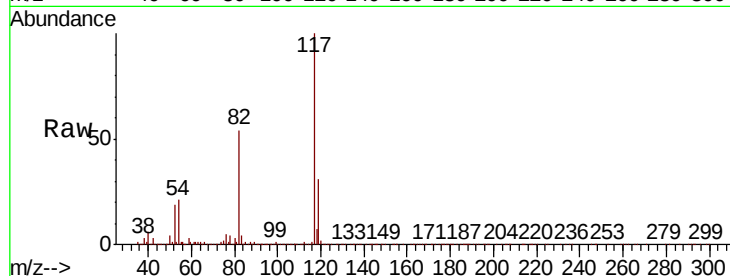




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

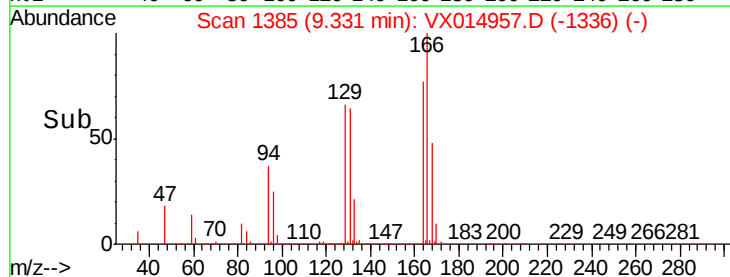
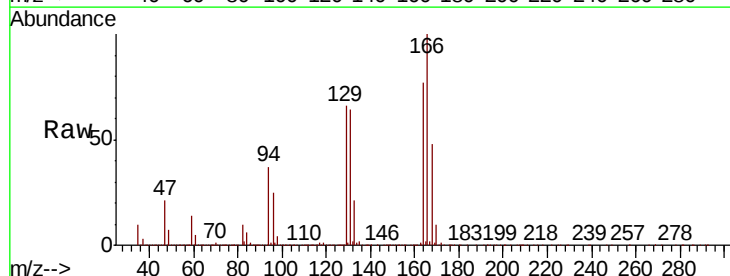
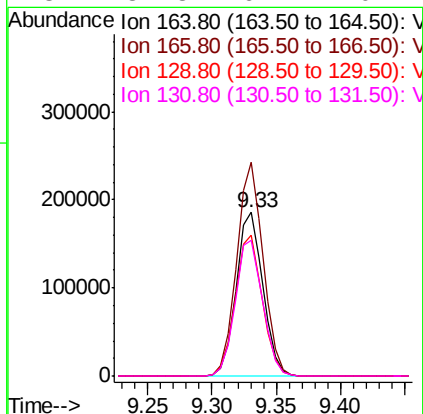
Instrument :
MSVOA_X
ClientSampled :

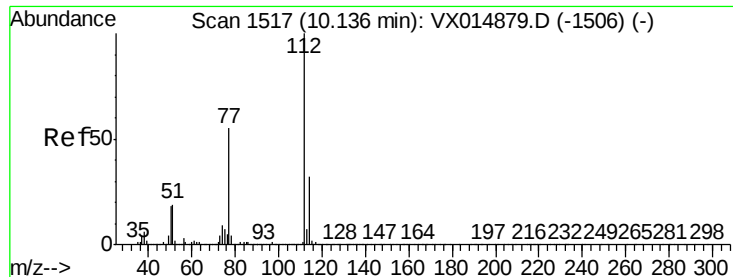
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.5	60.7
119	30.8	25.8	38.6



#64
Tetrachloroethene
Concen: 46.505 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	102.6	153.8
129	86.2	68.3	102.5
131	82.8	67.4	101.2

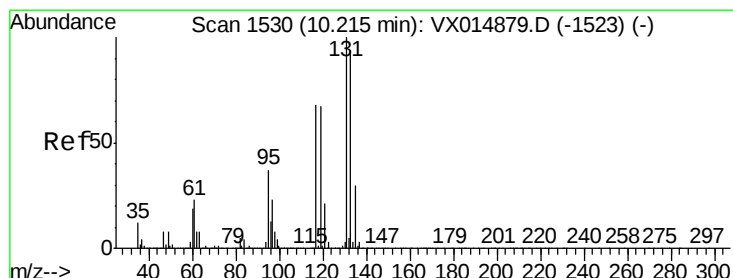
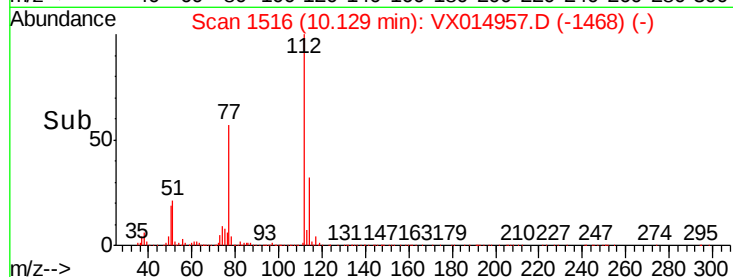
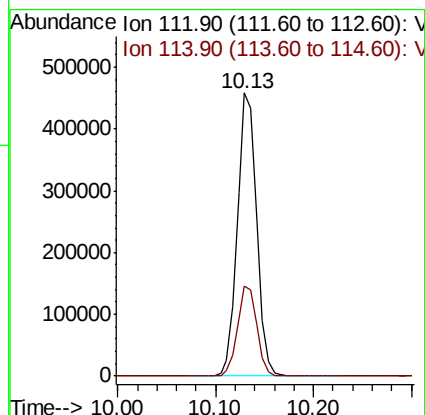
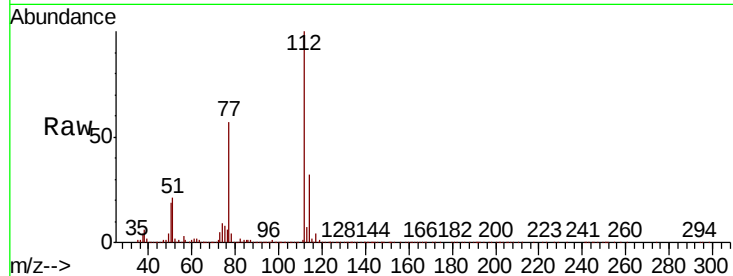




#65
Chlorobenzene
Concen: 50.203 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

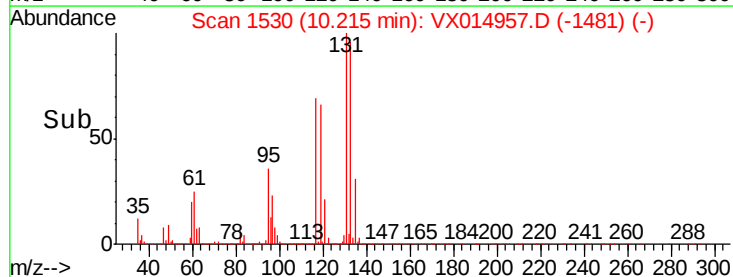
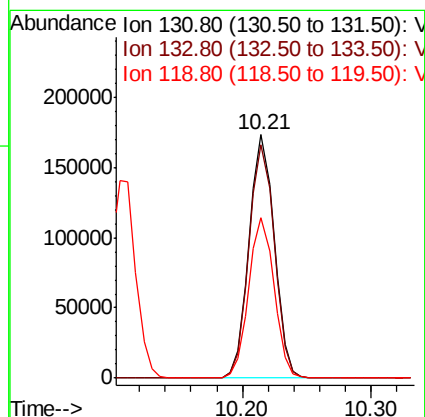
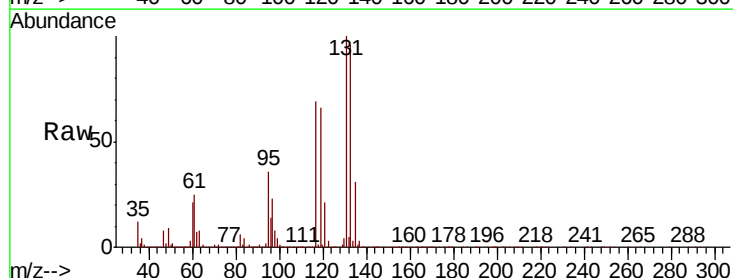
Instrument :
MSVOA_X
ClientSampled :

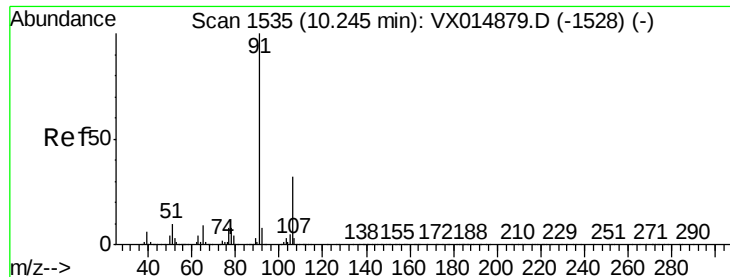
Tot Ion:112 Resp: 624669
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.940 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion:131 Resp: 234629
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.4
119 65.8 33.0 99.0





#67

Ethyl Benzene

Concen: 52.237 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

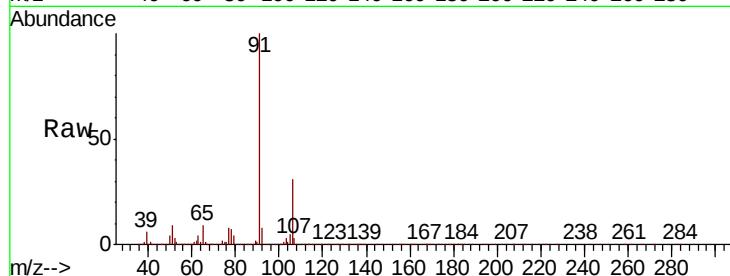
ClientSampleId :

Tot Ion: 91 Resp: 1105414

Ion Ratio Lower Upper

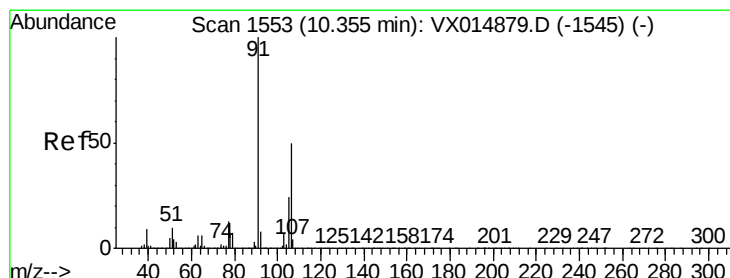
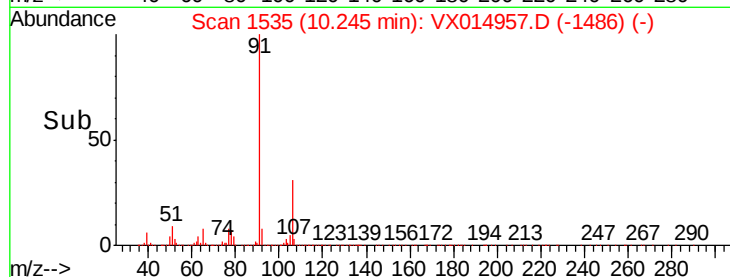
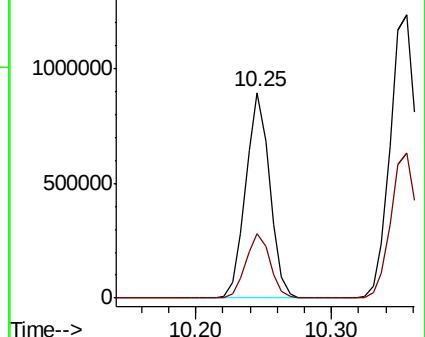
91 100

106 31.5 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1528) (-)

Ion 106.00 (105.70 to 106.70): VX014879.D (-1528) (-)



#68

m/p-Xylenes

Concen: 104.039 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014957.D

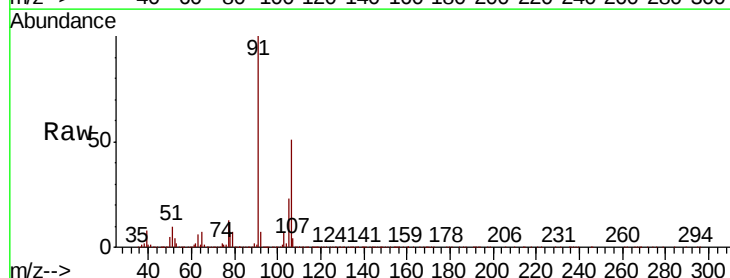
Acq: 19 Feb 2020 10:17

Tgt Ion: 106 Resp: 848136

Ion Ratio Lower Upper

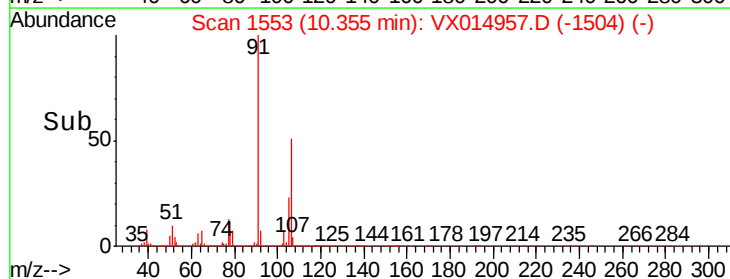
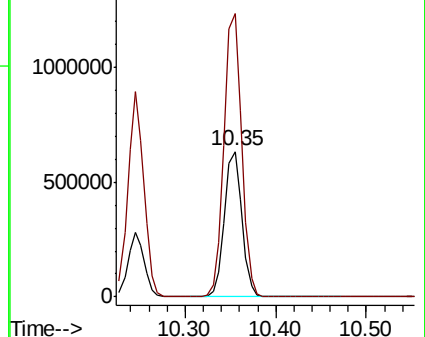
106 100

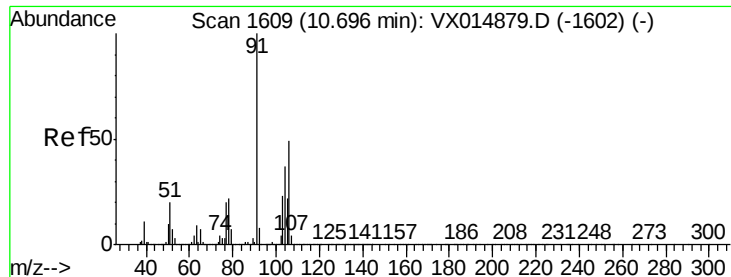
91 198.8 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): VX014879.D (-1545) (-)

Ion 91.00 (90.70 to 91.70): VX014879.D (-1545) (-)

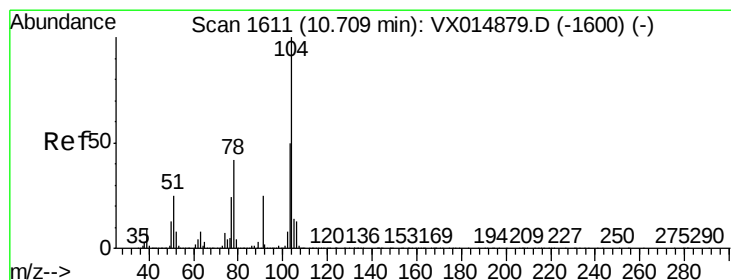
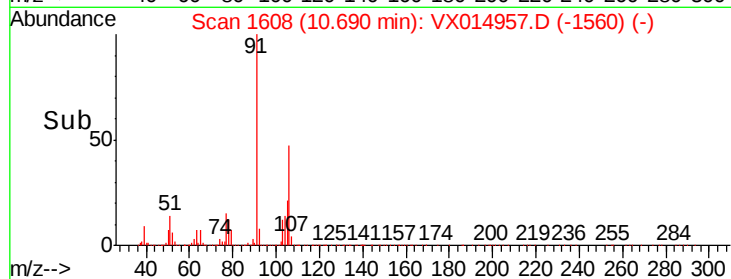
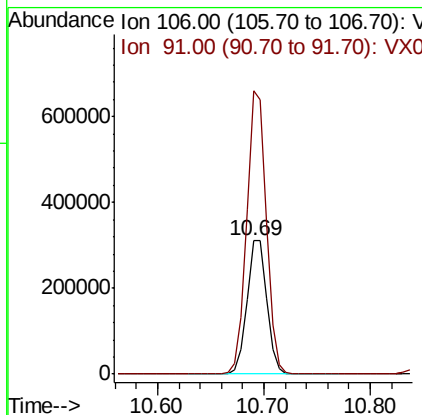
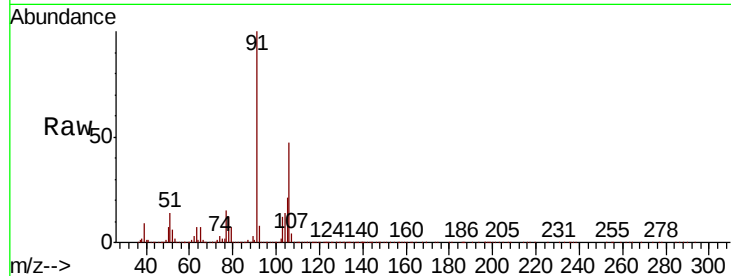




#69
o-Xylene
Concen: 52.232 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

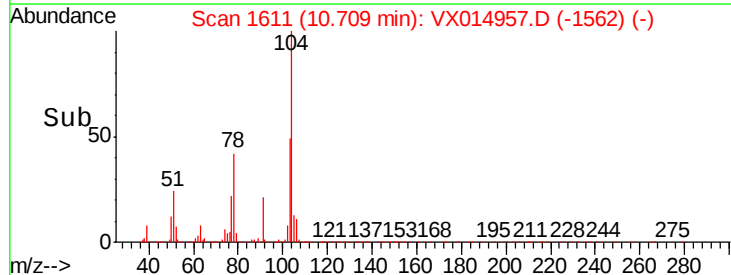
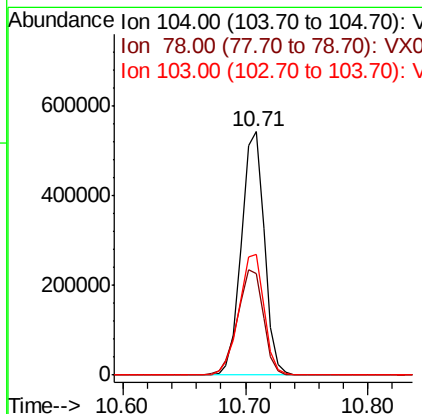
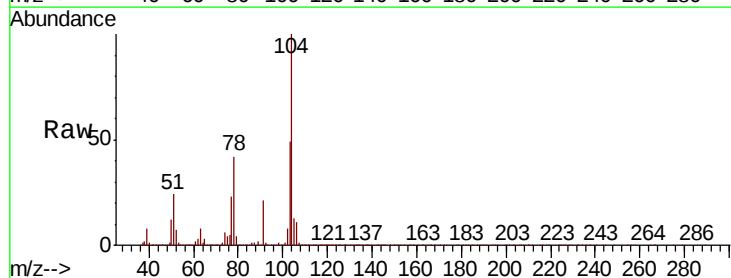
Instrument :
MSVOA_X
ClientSampleId :

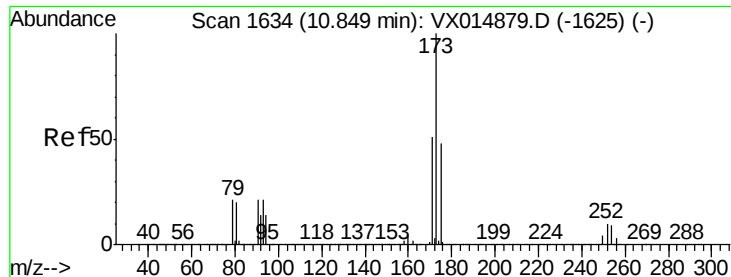
Tot Ion:106 Resp: 409307
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.3



#70
Styrene
Concen: 53.018 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion:104 Resp: 702870
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.4
103 54.4 43.4 65.0





#71

Bromoform

Concen: 51.922 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

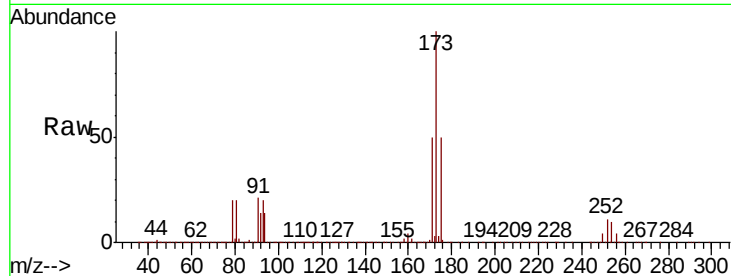
Tot Ion:173 Resp: 195776

Ion Ratio Lower Upper

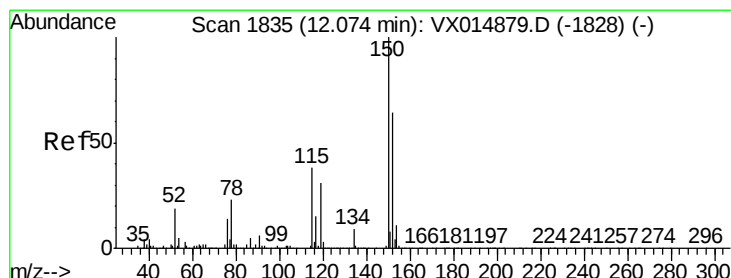
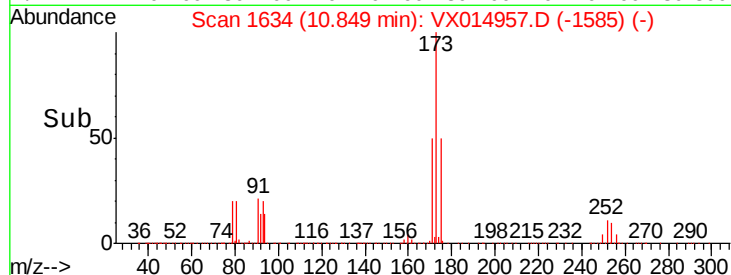
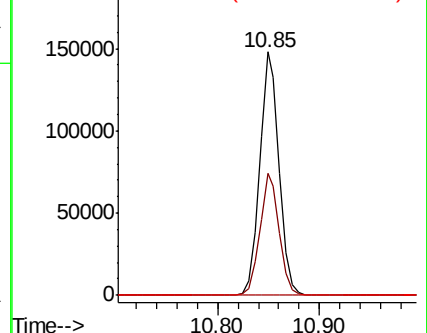
173 100

175 50.1 24.2 72.6

254 0.3 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: VX014957.D

Acq: 19 Feb 2020 10:17

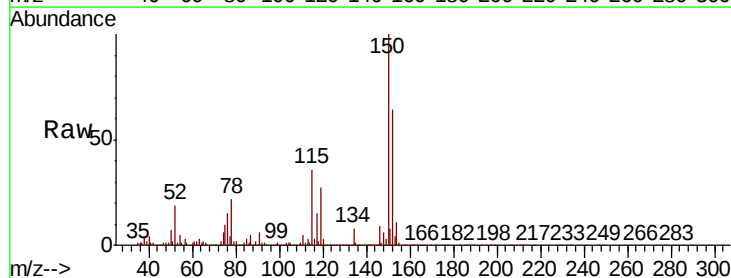
Tgt Ion:152 Resp: 325597

Ion Ratio Lower Upper

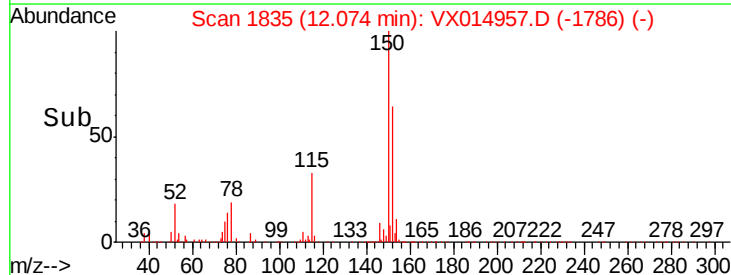
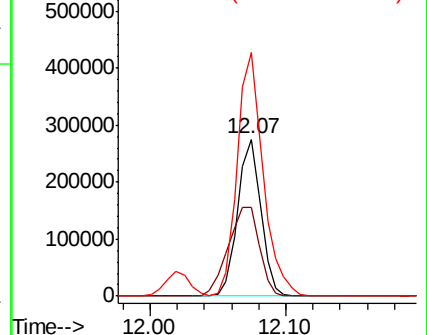
152 100

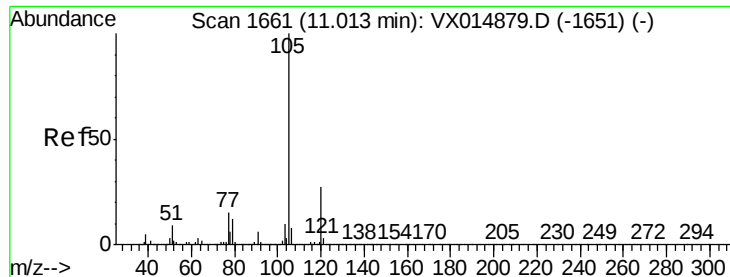
115 76.6 38.6 116.0

150 174.4 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: 53.743 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

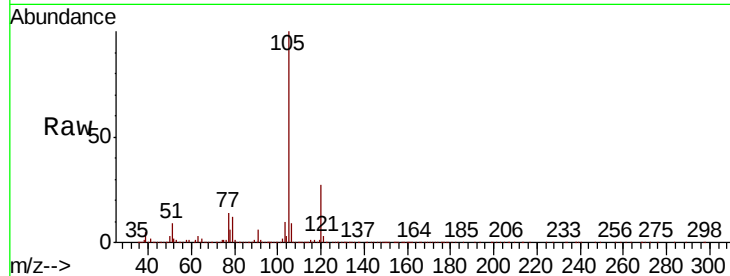
ClientSampled :

Tot Ion:105 Resp: 1097362

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

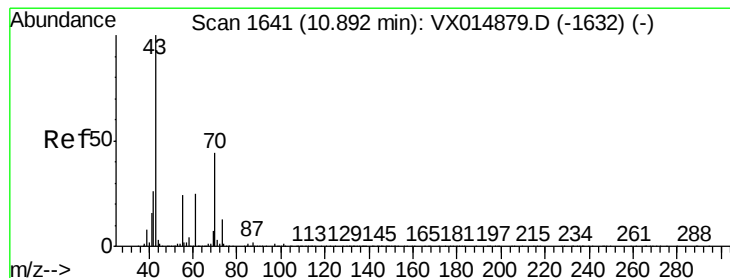
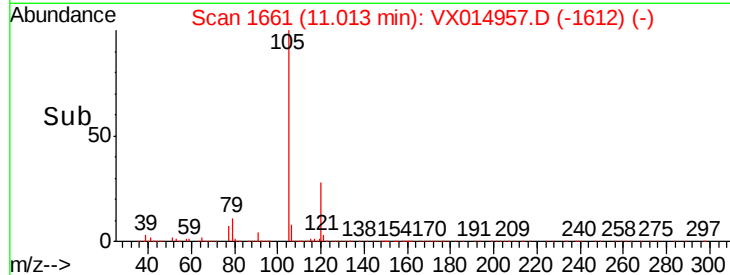
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 53.760 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion: 43 Resp: 456097

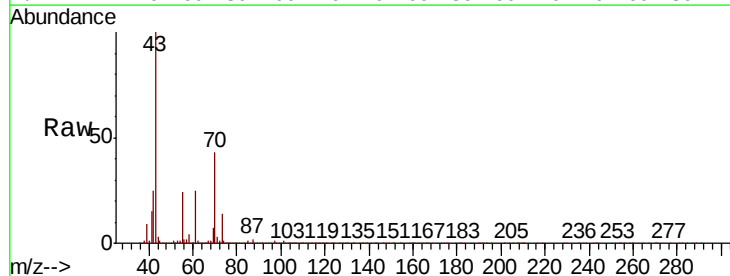
Ion Ratio Lower Upper

43 100

70 43.5 35.0 52.4

55 24.1 19.4 29.2

61 24.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

500000

400000

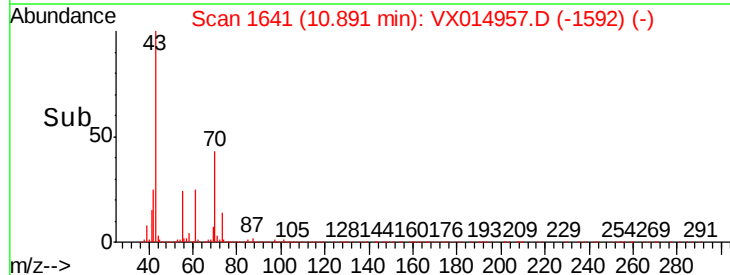
300000

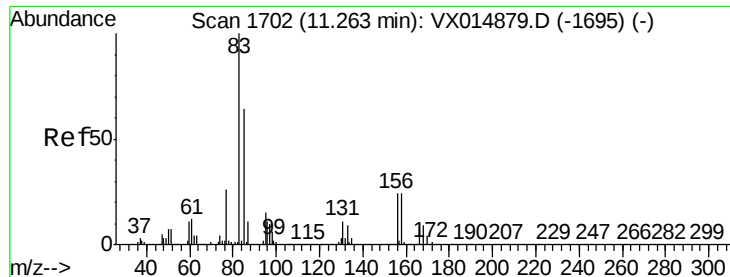
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 51.254 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

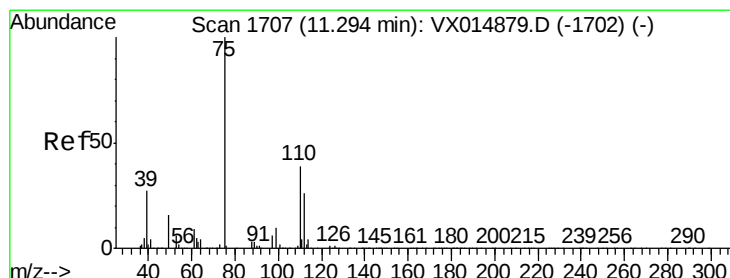
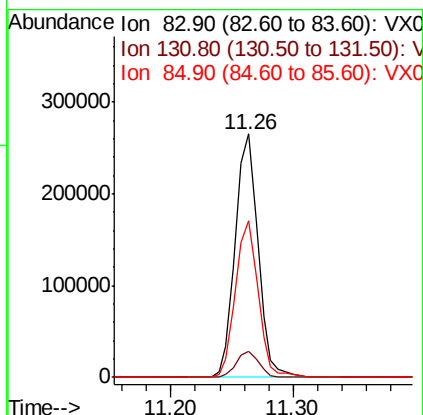
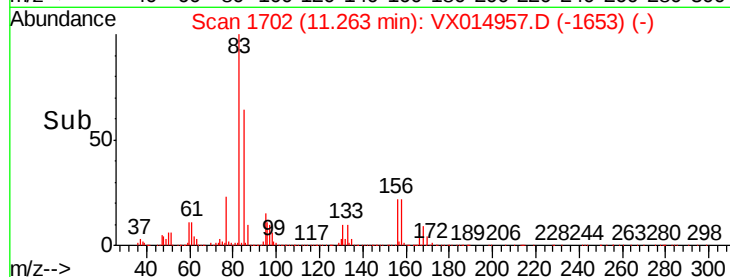
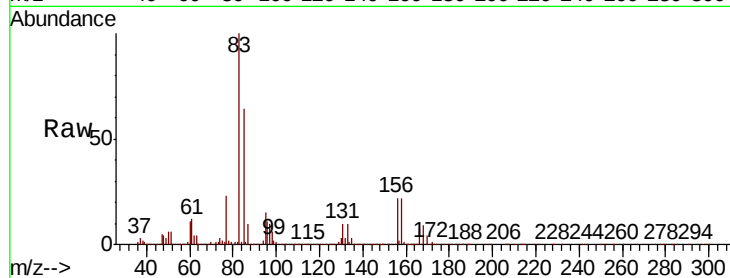
Tot Ion: 83 Resp: 342101

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

85 64.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 67.816 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014957.D

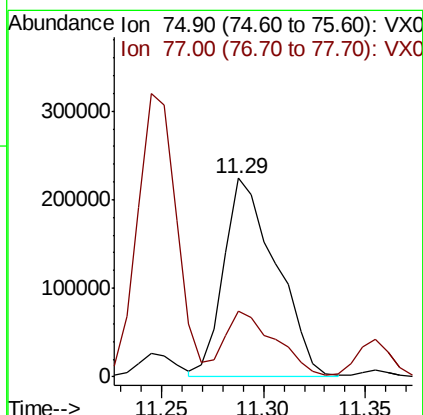
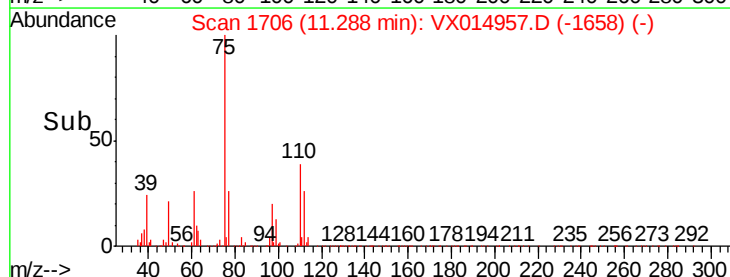
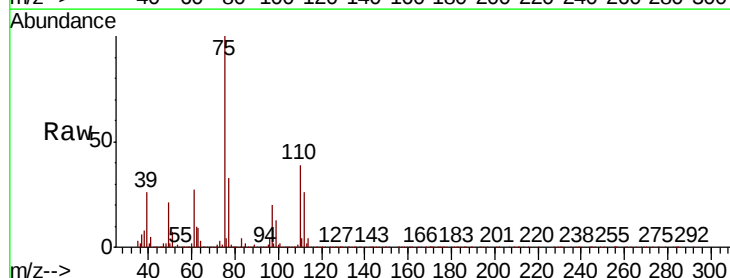
Acq: 19 Feb 2020 10:17

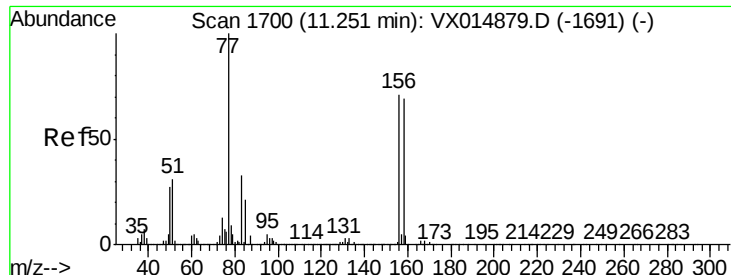
Tgt Ion: 75 Resp: 399292

Ion Ratio Lower Upper

75 100

77 32.3 18.4 55.0





#77

Bromobenzene

Concen: 50.692 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

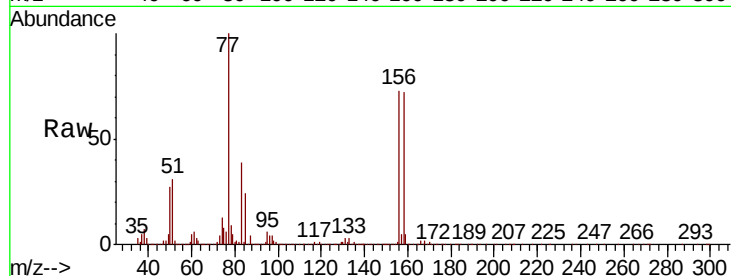
Tot Ion:156 Resp: 288897

Ion Ratio Lower Upper

156 100

77 145.9 74.0 222.0

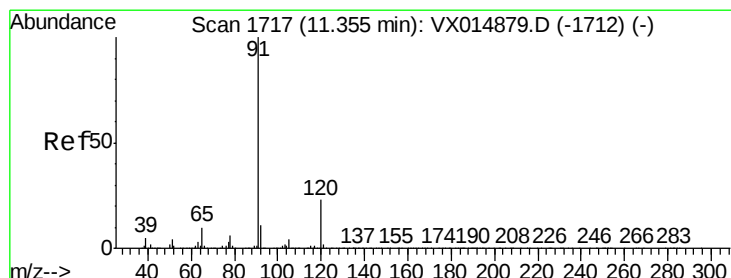
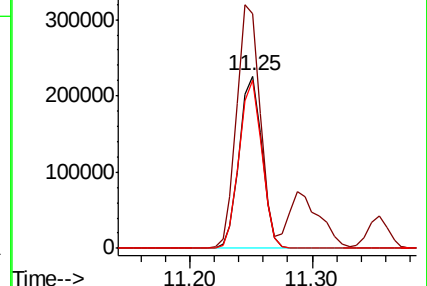
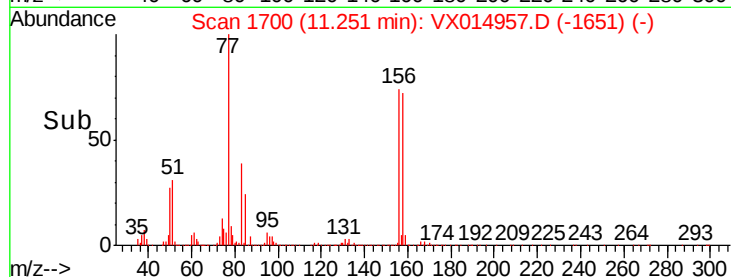
158 97.5 48.9 146.6



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: 53.331 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014957.D

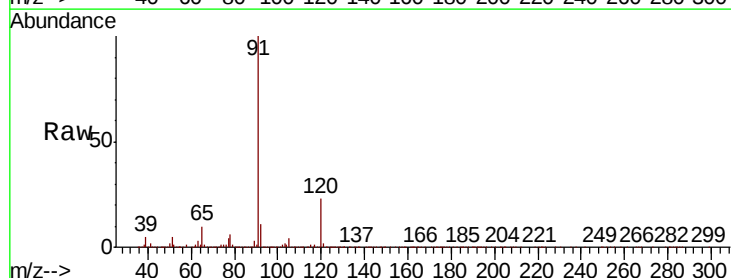
Acq: 19 Feb 2020 10:17

Tgt Ion: 91 Resp: 1259476

Ion Ratio Lower Upper

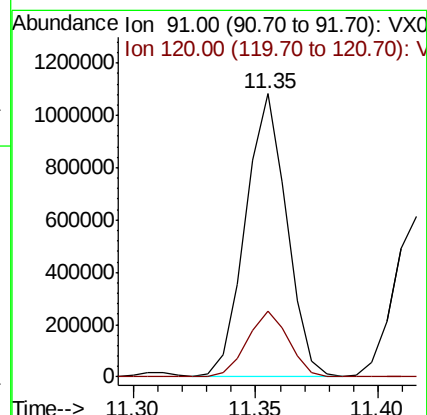
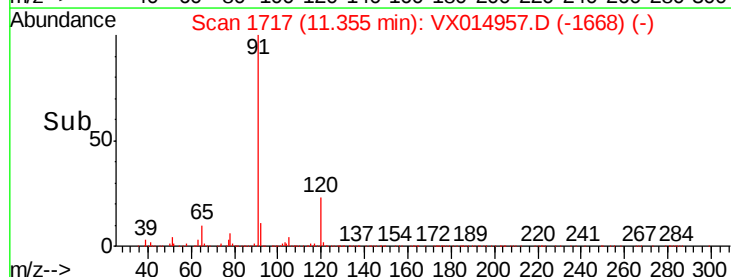
91 100

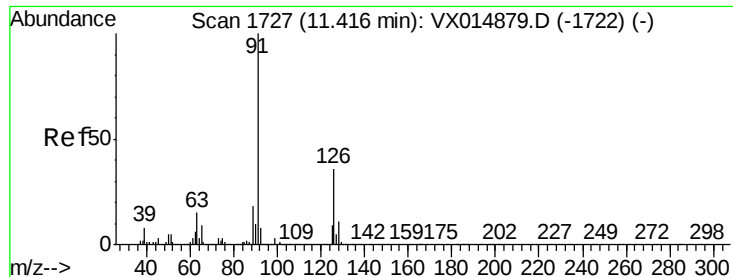
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

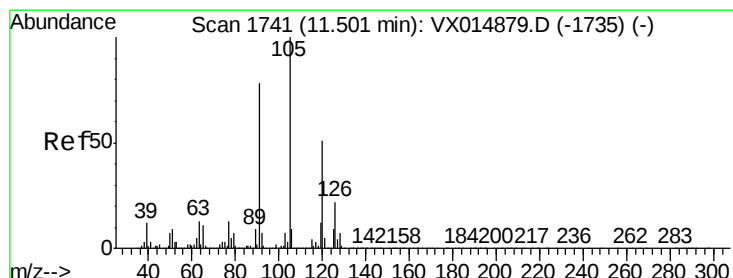
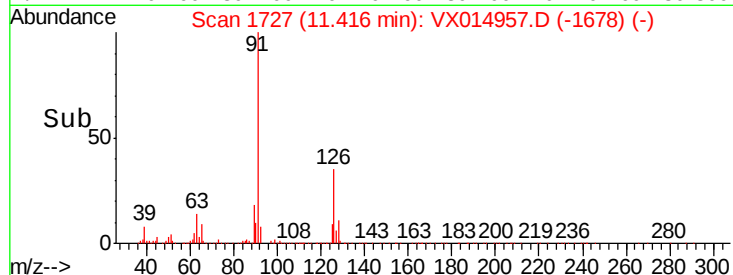
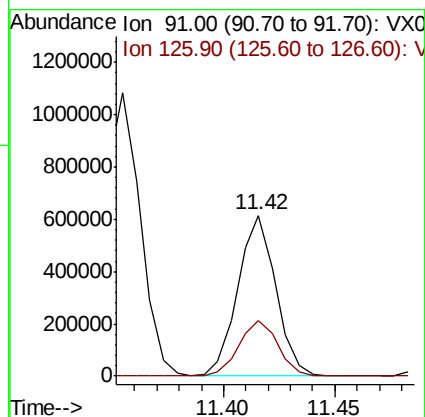
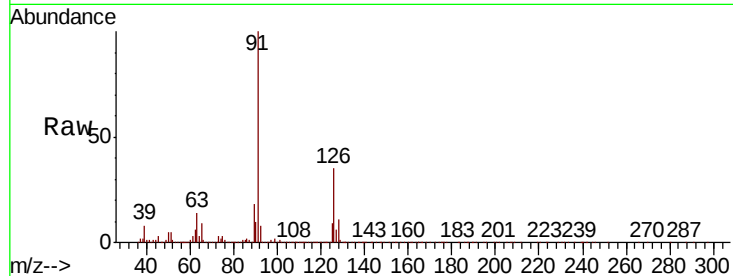




#79
 2-Chlorotoluene
 Concen: 52.452 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

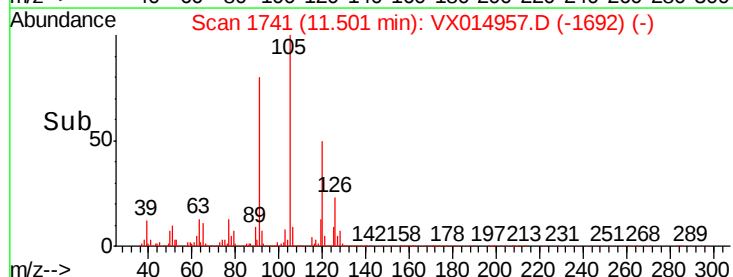
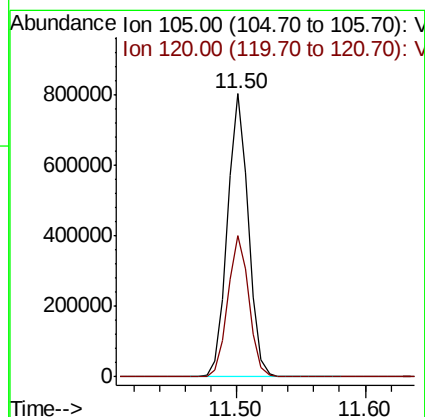
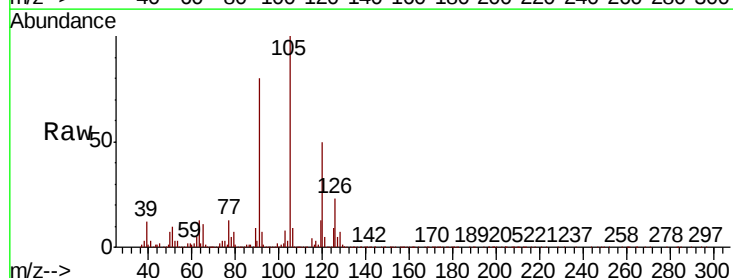
Instrument :
 MSVOA_X
 ClientSampleId :

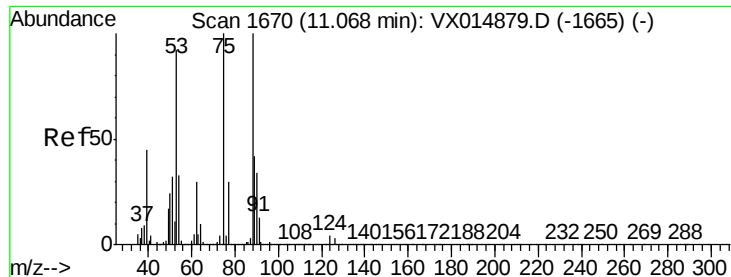
Tot Ion: 91 Resp: 728231
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.834 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion: 105 Resp: 918447
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.761 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

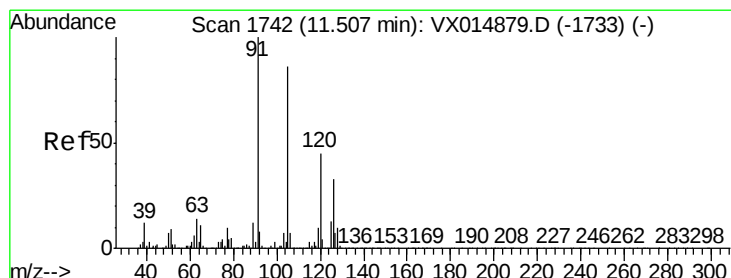
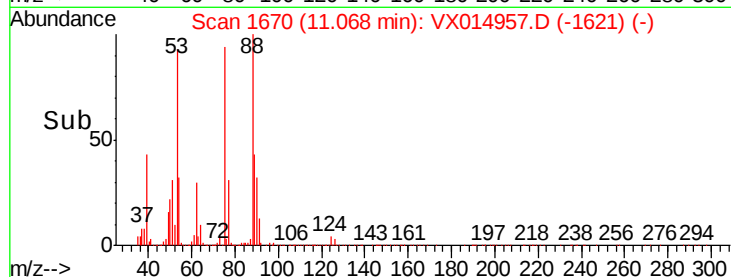
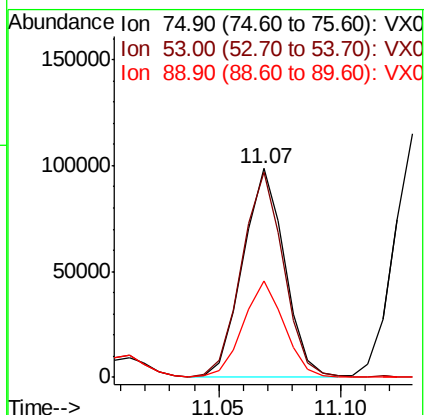
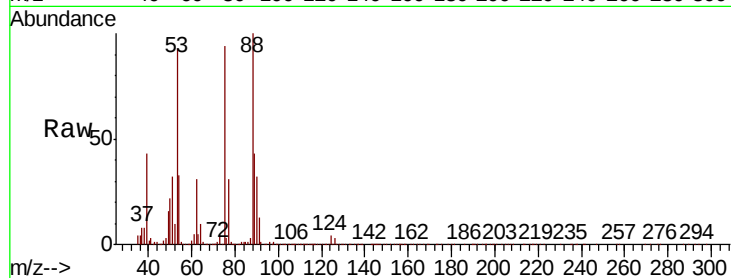
Tot Ion: 75 Resp: 116760

Ion Ratio Lower Upper

75 100

53 98.3 76.2 114.2

89 46.1 35.8 53.6



#82

4-Chlorotoluene

Concen: 52.145 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014957.D

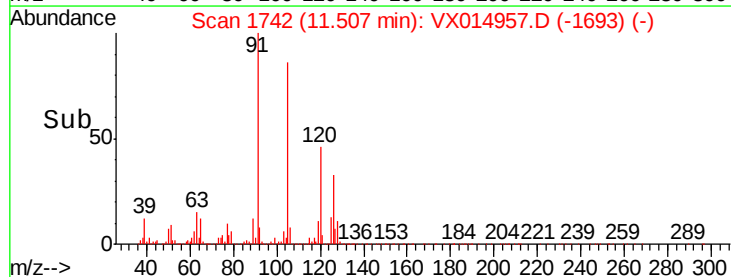
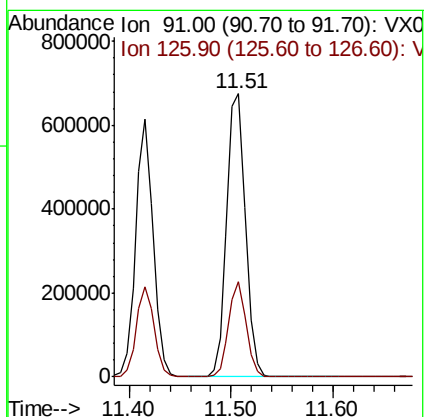
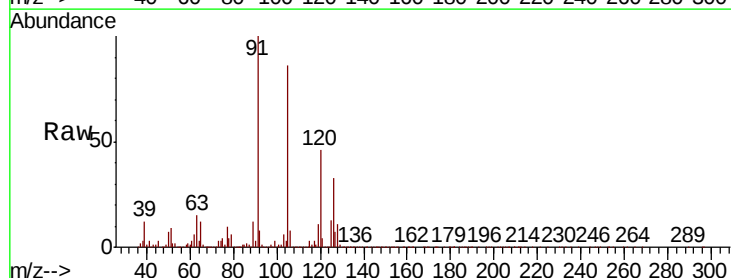
Acq: 19 Feb 2020 10:17

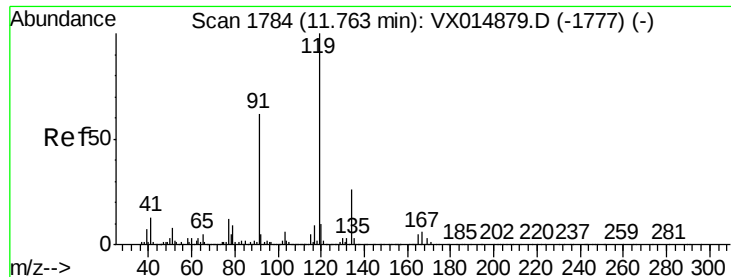
Tgt Ion: 91 Resp: 857333

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.0

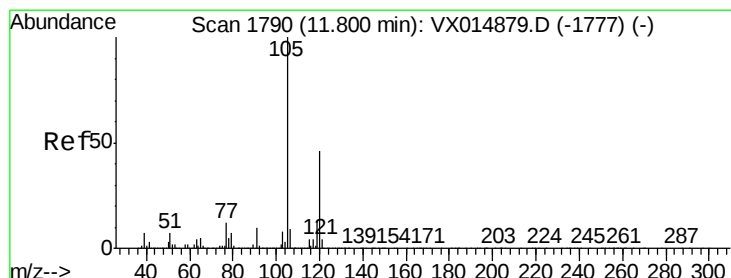
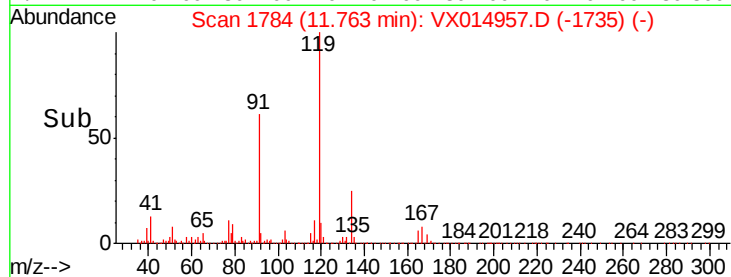
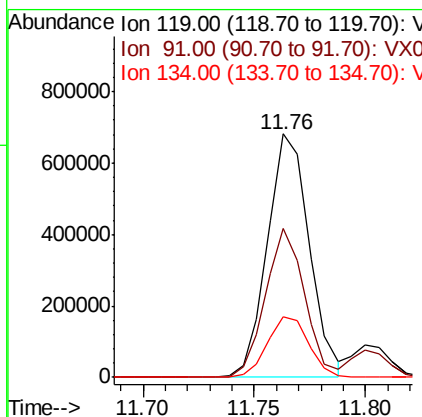
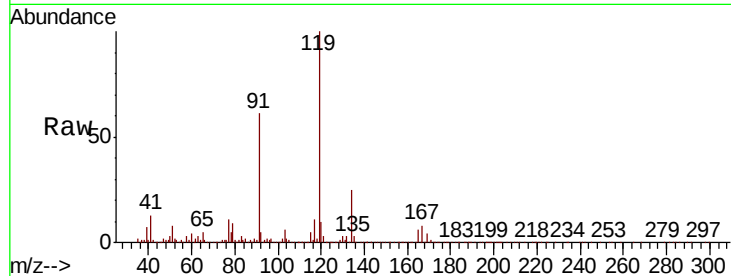




#83
tert-Butylbenzene
Concen: 55.084 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

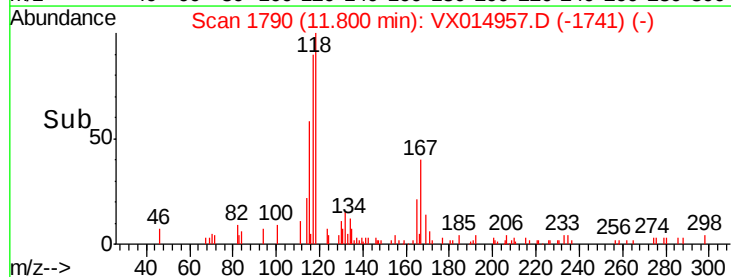
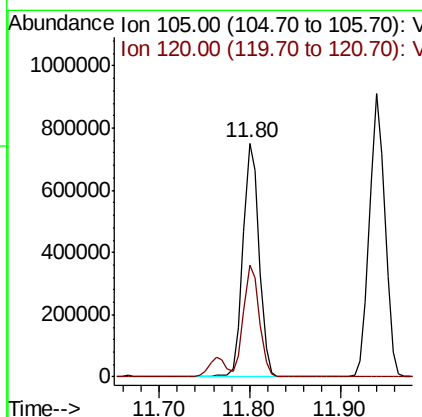
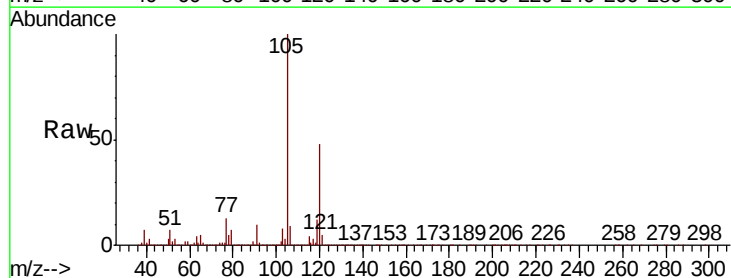
Instrument :
MSVOA_X
ClientSampled :

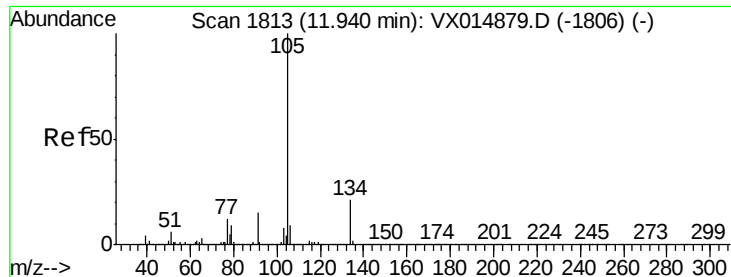
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	29.5	88.6
134	24.5	12.6	37.6



#84
1,2,4-Trimethylbenzene
Concen: 54.022 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 54.275 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

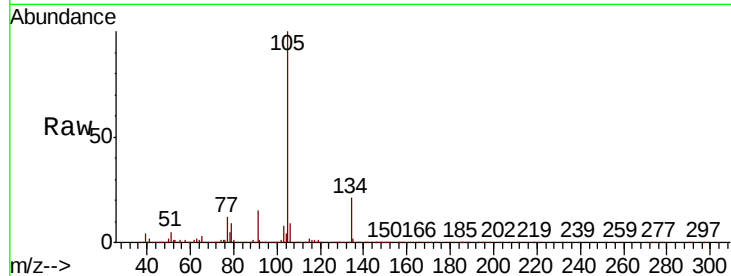
ClientSampleId :

Tot Ion:105 Resp: 1089321

Ion Ratio Lower Upper

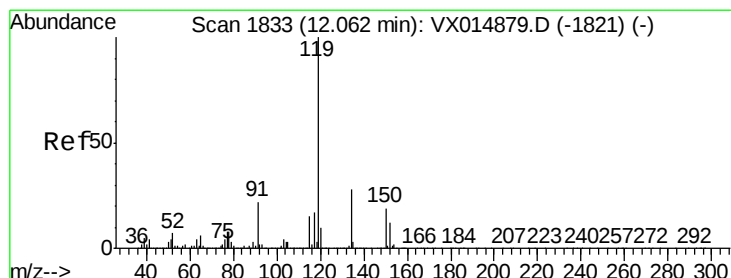
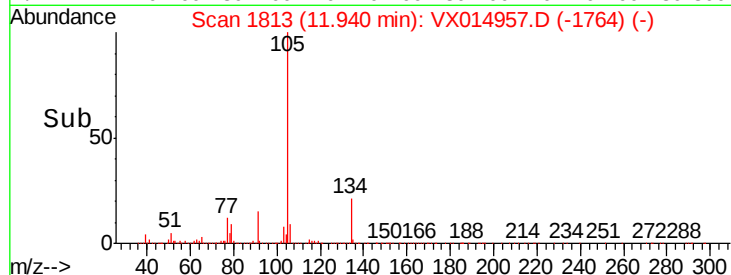
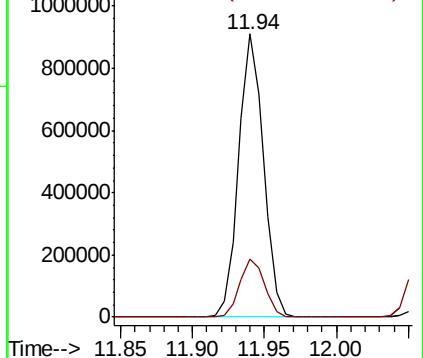
105 100

134 20.8 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.671 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

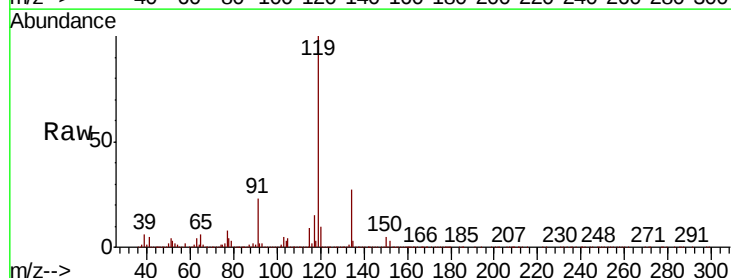
Tgt Ion:119 Resp: 1008019

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

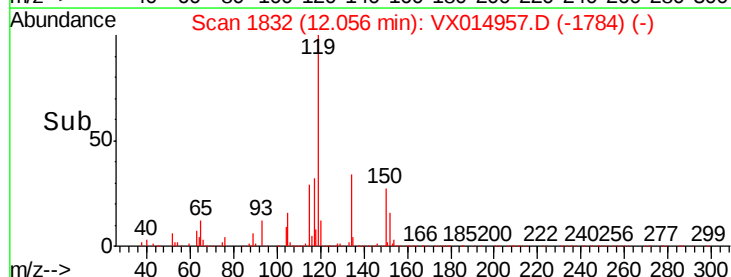
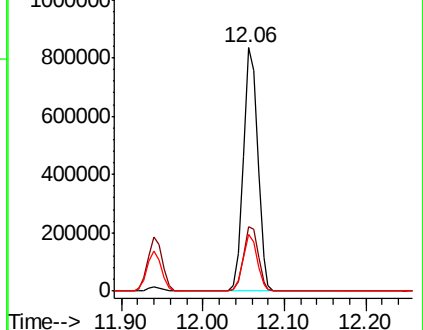
91 22.9 11.4 34.1

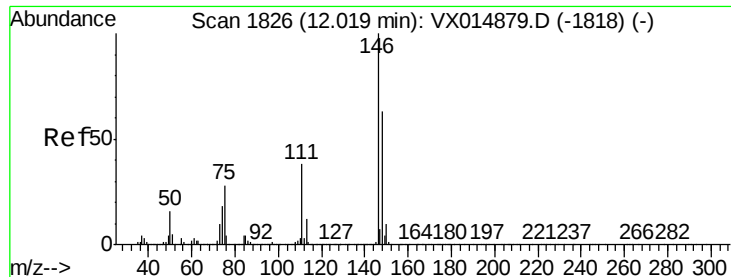


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

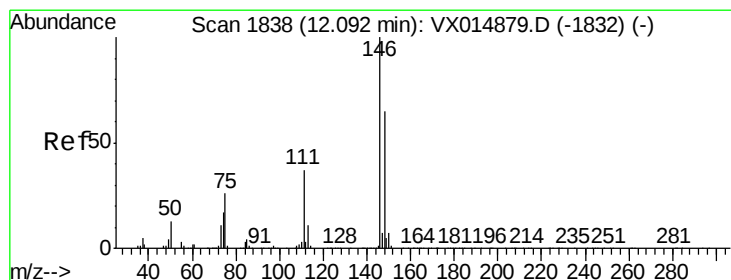
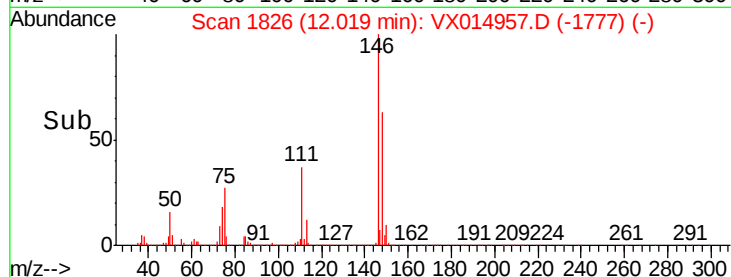
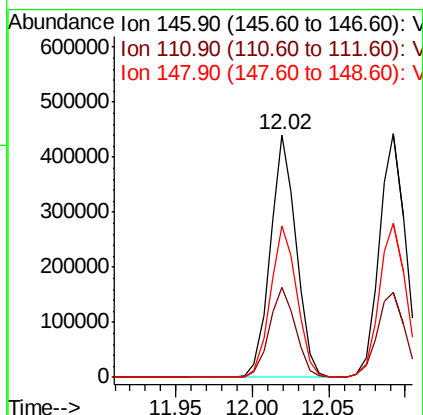
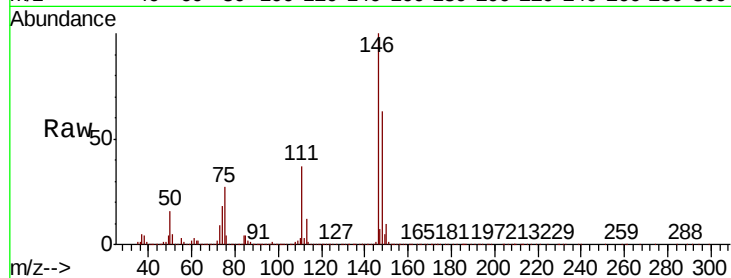




#87
 1,3-Dichlorobenzene
 Concen: 50.667 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

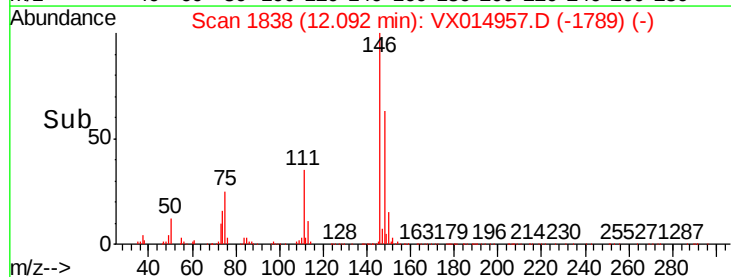
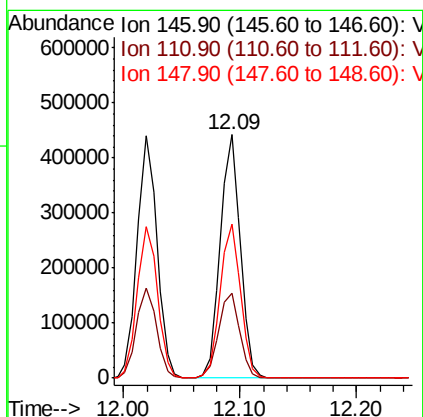
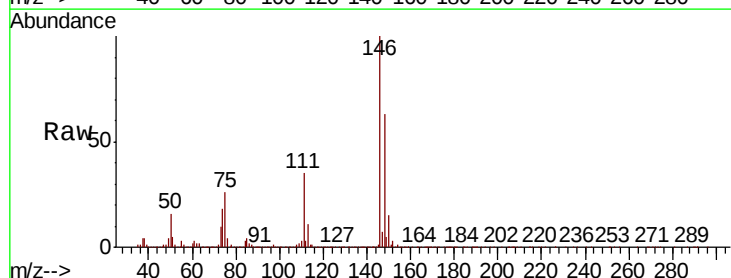
Instrument :
 MSVOA_X
 ClientSampleId :

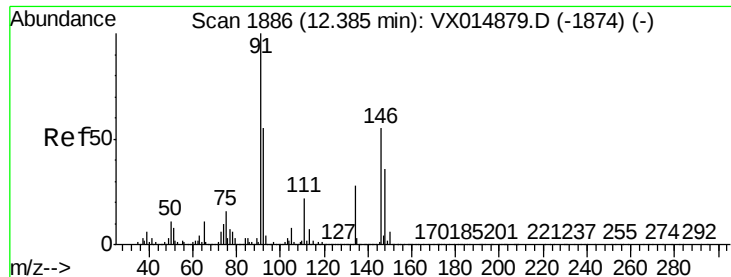
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	56.0
148	64.0	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.097 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.6
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 52.679 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

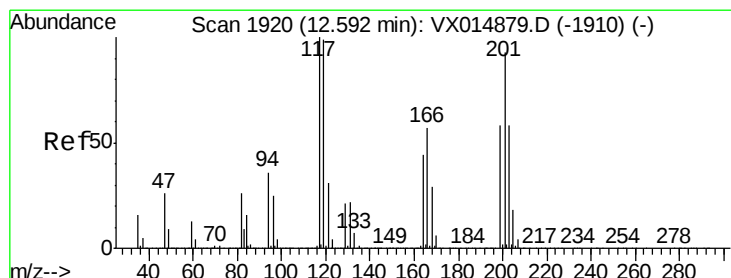
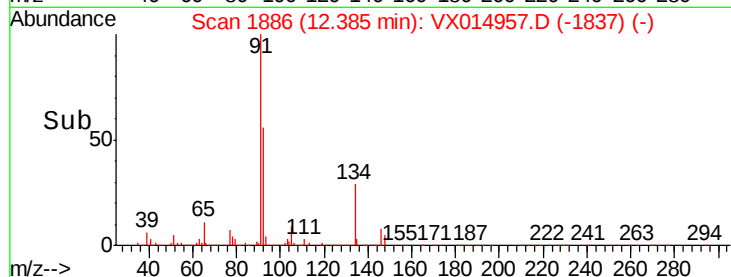
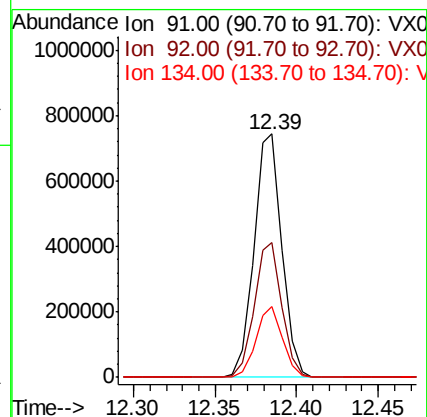
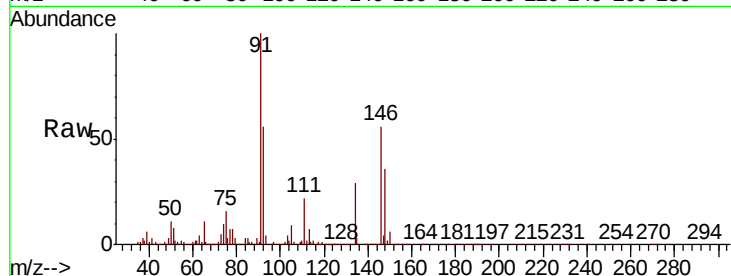
Tot Ion: 91 Resp: 886107

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 27.8 13.8 41.4



#90

Hexachloroethane

Concen: 54.170 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014957.D

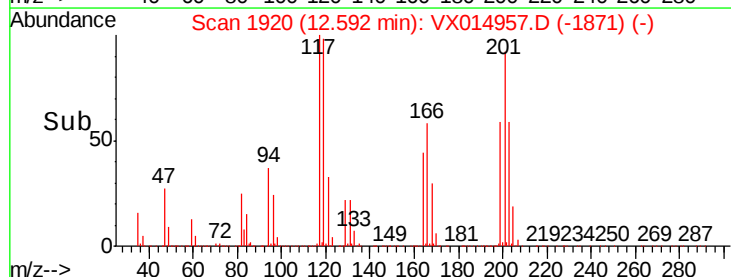
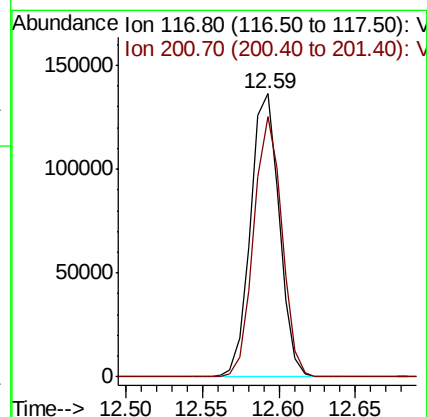
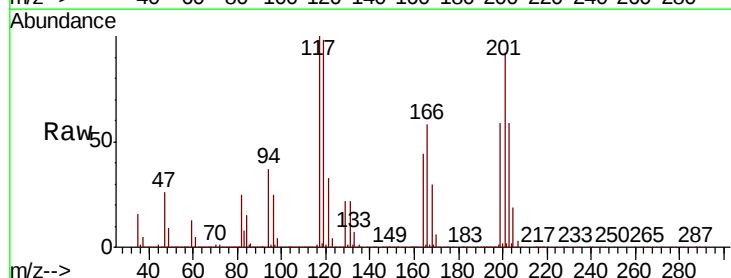
Acq: 19 Feb 2020 10:17

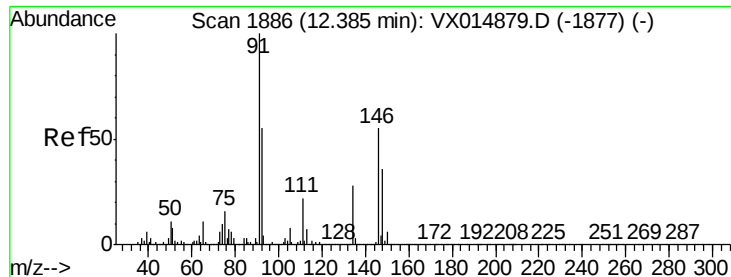
Tgt Ion: 117 Resp: 177672

Ion Ratio Lower Upper

117 100

201 90.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 51.602 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014957.D

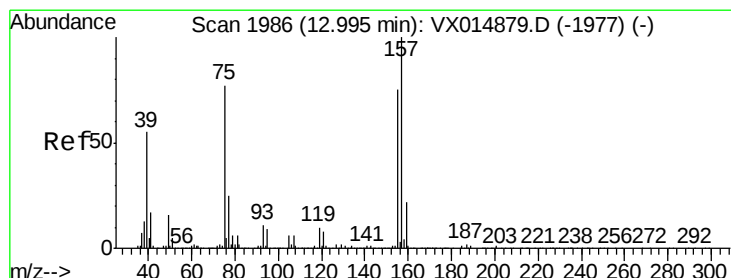
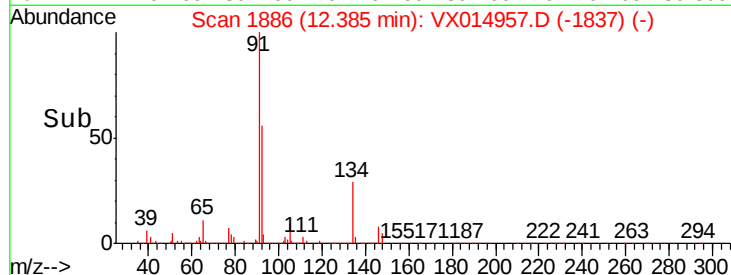
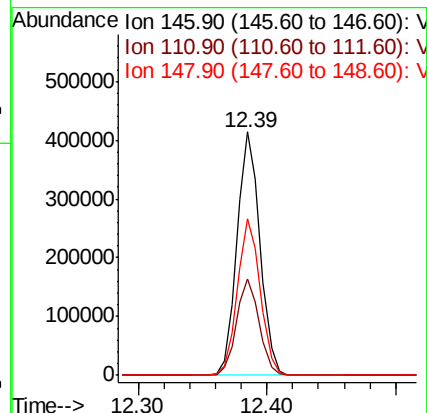
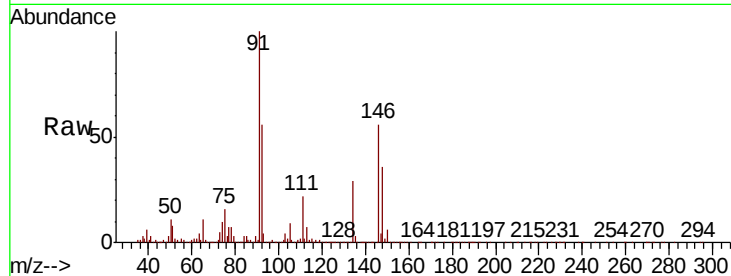
Acq: 19 Feb 2020 10:17

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	517379
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.8	59.3
148	63.7	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.427 ug/l

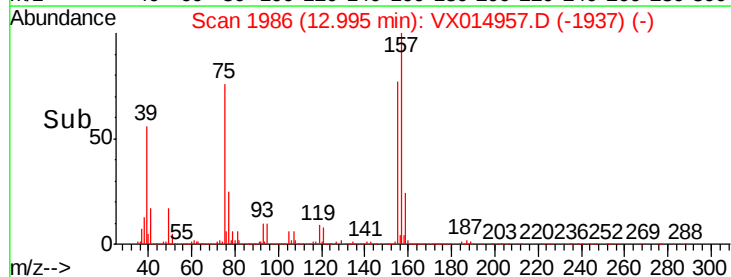
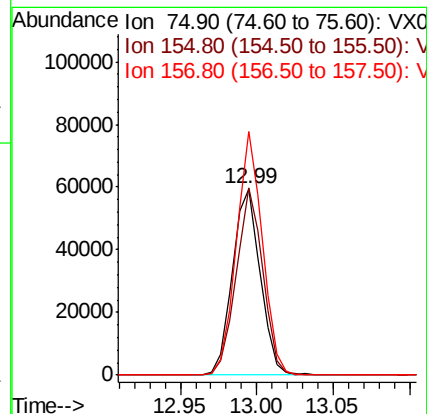
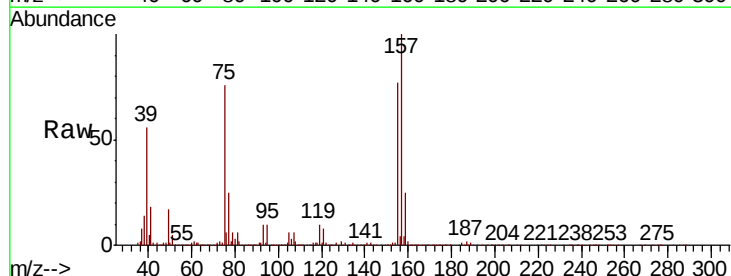
RT: 12.99 min Scan# 1986

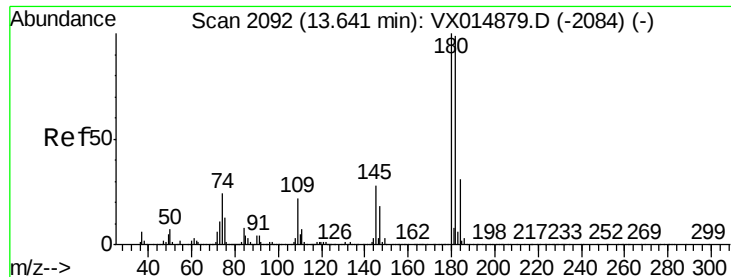
Delta R.T. -0.00 min

Lab File: VX014957.D

Acq: 19 Feb 2020 10:17

Tgt Ion:	75	Resp:	74266
Ion	Ratio	Lower	Upper
75	100		
155	96.8	48.6	145.9
157	123.2	62.0	186.0

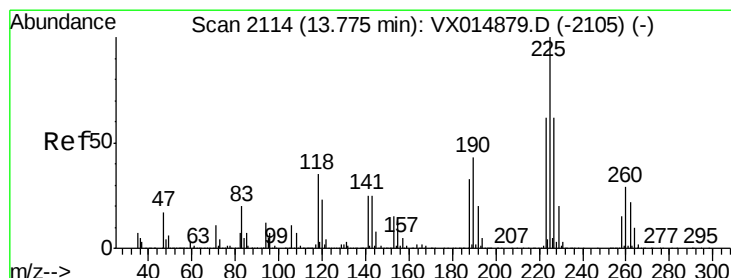
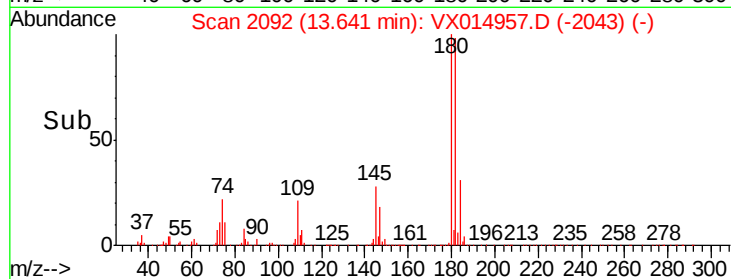
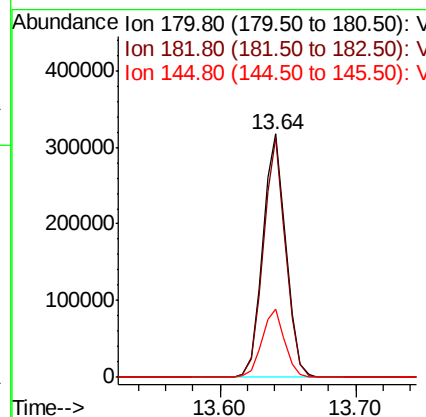
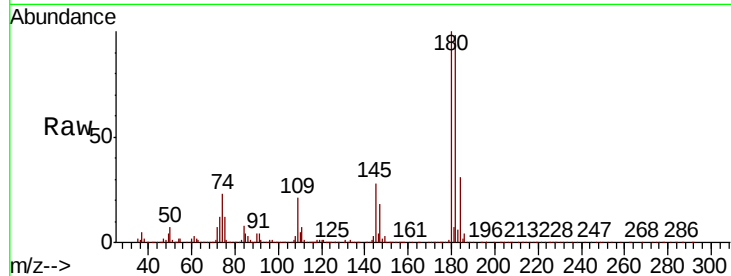




#93
 1,2,4-Trichlorobenzene
 Concen: 51.276 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

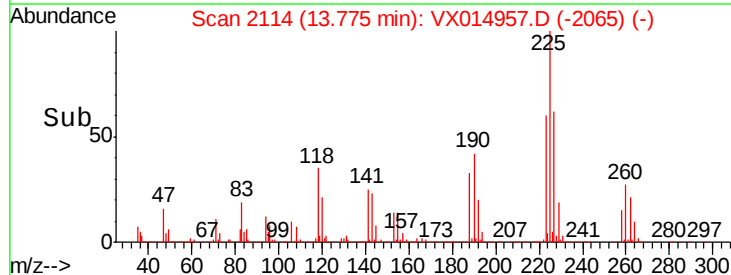
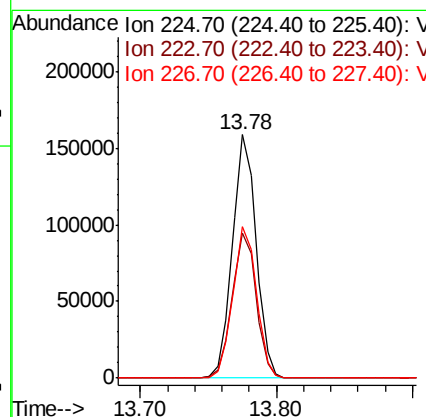
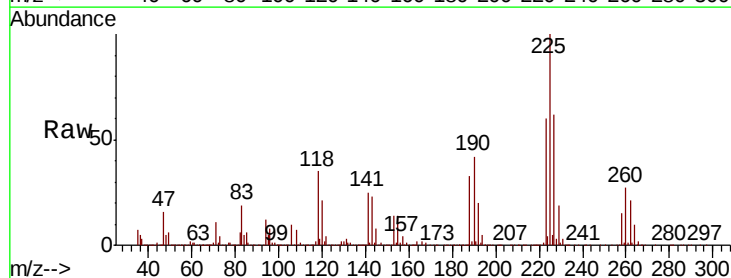
Instrument :
 MSVOA_X
 ClientSampleId :

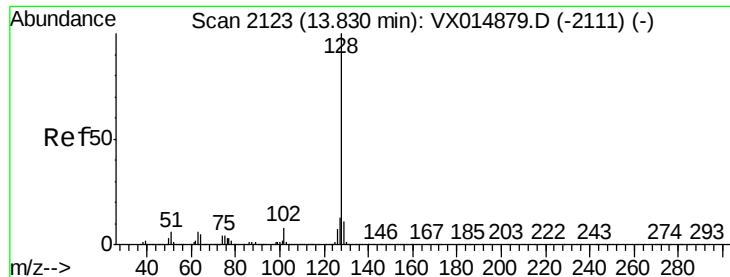
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.3
145	27.6	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 53.677 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014957.D
 Acq: 19 Feb 2020 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.2
227	62.5	30.9	92.5

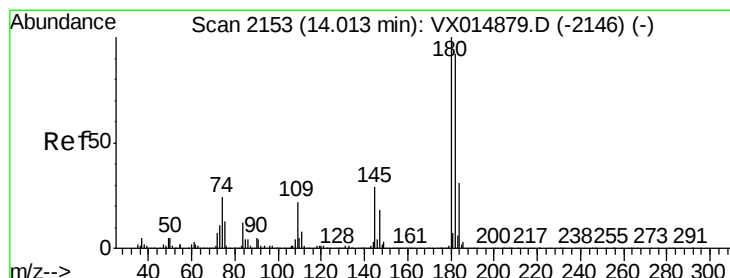
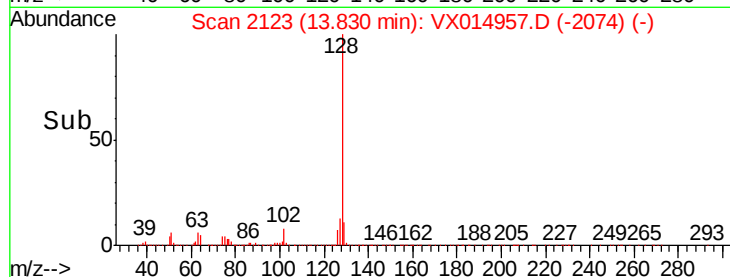
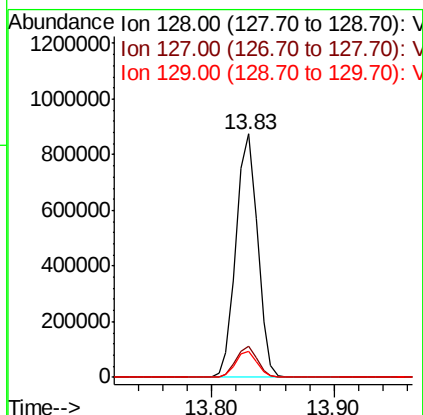
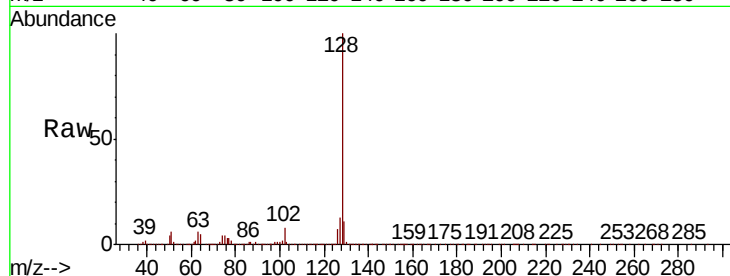




#95
Naphthalene
Concen: 54.127 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1065034
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.004 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014957.D
Acq: 19 Feb 2020 10:17

Tgt Ion:180 Resp: 371819
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.6
145 29.9 14.5 43.5

