

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011320\
 Data File : VX014578.D
 Acq On : 13 Jan 2020 11:47
 Operator : JC/SP
 Sample : VX0113WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

Quant Time: Jan 14 13:04:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	467263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	696856	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	249103	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
35) Dibromofluoromethane	5.48	113	205625	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	8.71	98	802487	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	11.13	95	281062	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	115204	20.011	ug/l 99
3) Chloromethane	1.32	50	121602	20.416	ug/l 100
4) Vinyl Chloride	1.40	62	138739	20.904	ug/l 99
5) Bromomethane	1.64	94	79661	18.107	ug/l 94
6) Chloroethane	1.72	64	75855	20.206	ug/l 98
7) Trichlorofluoromethane	1.92	101	148113	19.673	ug/l 98
8) Diethyl Ether	2.18	74	64458	18.766	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89835	19.613	ug/l 98
10) Methyl Iodide	2.50	142	98939	18.039	ug/l 99
11) Tert butyl alcohol	3.02	59	107324	98.540	ug/l 100
12) 1,1-Dichloroethene	2.37	96	87639	18.990	ug/l 97
13) Acrolein	2.28	56	59965	68.690	ug/l 98
14) Allyl chloride	2.72	41	157803	19.476	ug/l 98
15) Acrylonitrile	3.12	53	259461	98.704	ug/l 99
16) Acetone	2.43	43	272428	101.683	ug/l 100
17) Carbon Disulfide	2.56	76	233995	18.172	ug/l 97
18) Methyl Acetate	2.76	43	155688	20.766	ug/l 98
19) Methyl tert-butyl Ether	3.18	73	295248	19.930	ug/l 99
20) Methylene Chloride	2.85	84	109358	20.840	ug/l 97
21) trans-1,2-Dichloroethene	3.16	96	94243	18.706	ug/l 98
22) Diisopropyl ether	3.84	45	321573	20.537	ug/l 97
23) Vinyl Acetate	3.80	43	1240617	102.338	ug/l 99
24) 1,1-Dichloroethane	3.69	63	172729	20.278	ug/l 99
25) 2-Butanone	4.65	43	381675	97.956	ug/l 99
26) 2,2-Dichloropropane	4.57	77	137402	19.042	ug/l 99
27) cis-1,2-Dichloroethene	4.58	96	108527	19.269	ug/l 98
28) Bromochloromethane	5.00	49	74592	20.782	ug/l 96
29) Tetrahydrofuran	5.11	42	228560	99.214	ug/l 99
30) Chloroform	5.20	83	165940	19.936	ug/l 98
31) Cyclohexane	5.56	56	160723	20.159	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	141463	19.855	ug/l 99
36) 1,1-Dichloropropene	5.78	75	127798	19.501	ug/l 99
37) Ethyl Acetate	4.81	43	137900	19.373	ug/l 99
38) Carbon Tetrachloride	5.77	117	120107	19.916	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX011320\
 Data File : VX014578.D
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 Sample : VX0113WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

Quant Time: Jan 14 13:04:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164118	19.934	ug/l	98
40) Benzene	6.13	78	389258	20.013	ug/l	99
41) Methacrylonitrile	5.02	41	75494	19.888	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133474	19.627	ug/l	99
43) Isopropyl Acetate	6.43	43	230059	20.007	ug/l	99
44) Trichloroethene	7.20	130	108175	19.353	ug/l	100
45) 1,2-Dichloropropane	7.50	63	102146	20.599	ug/l	96
46) Dibromomethane	7.65	93	64744	18.707	ug/l	99
47) Bromodichloromethane	7.89	83	127183	20.195	ug/l	97
48) Methyl methacrylate	7.76	41	111882	20.315	ug/l	99
49) 1,4-Dioxane	7.73	88	47230	404.726	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	719219	102.641	ug/l	98
52) Toluene	8.78	92	245006	19.678	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	140490	19.161	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	158256	19.981	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99719	19.940	ug/l	95
56) Ethyl methacrylate	9.17	69	153041	19.975	ug/l	98
57) 1,3-Dichloropropane	9.36	76	168450	20.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	260764	100.032	ug/l	99
59) 2-Hexanone	9.48	43	555141	100.127	ug/l	99
60) Dibromochloromethane	9.57	129	99847	19.864	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104222	19.674	ug/l	98
64) Tetrachloroethene	9.33	164	115714	18.225	ug/l	98
65) Chlorobenzene	10.13	112	265192	19.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96112	19.589	ug/l	98
67) Ethyl Benzene	10.25	91	467064	19.932	ug/l	100
68) m/p-Xylenes	10.36	106	354125	39.172	ug/l	99
69) o-Xylene	10.69	106	170176	19.729	ug/l	99
70) Styrene	10.71	104	289484	19.447	ug/l	100
71) Bromoform	10.85	173	74993	18.682	ug/l #	100
73) Isopropylbenzene	11.01	105	456143	20.507	ug/l	99
74) N-amyl acetate	10.89	43	192173	19.583	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145208	20.357	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	169403	25.848	ug/l	82
77) Bromobenzene	11.25	156	117977	19.126	ug/l	100
78) n-propylbenzene	11.35	91	518664	20.361	ug/l	99
79) 2-Chlorotoluene	11.42	91	302100	19.898	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	380954	20.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	47168	19.028	ug/l	94
82) 4-Chlorotoluene	11.50	91	352259	19.767	ug/l	98
83) tert-Butylbenzene	11.76	119	355981	20.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380064	20.368	ug/l	100
85) sec-Butylbenzene	11.94	105	440093	20.289	ug/l	99
86) p-Isopropyltoluene	12.06	119	405379	20.139	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209104	18.889	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208304	19.673	ug/l	98
89) n-Butylbenzene	12.38	91	350701	19.056	ug/l	99
90) Hexachloroethane	12.59	117	69053	19.530	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	208945	19.265	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30310	18.890	ug/l	98

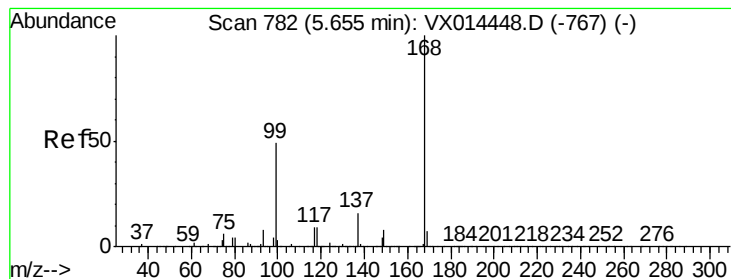
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011320\
Data File : VX014578.D
Acq On : 13 Jan 2020 11:47
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MSVOA_X
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Quant Time: Jan 14 13:04:06 2020
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	144904	18.966	ug/l	99
94) Hexachlorobutadiene	13.78	225	70451	19.798	ug/l	98
95) Naphthalene	13.83	128	414355	17.537	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144373	19.159	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

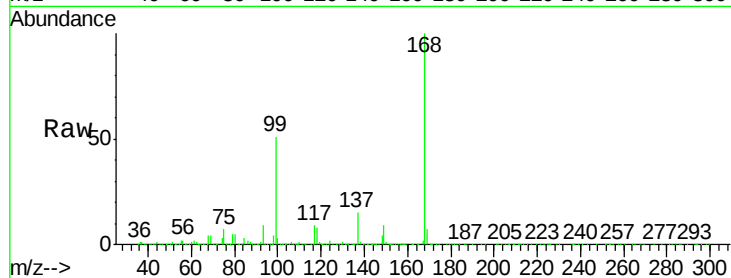
VX0113WBS01

Tgt Ion:168 Resp: 467263

Ion Ratio Lower Upper

168 100

99 50.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

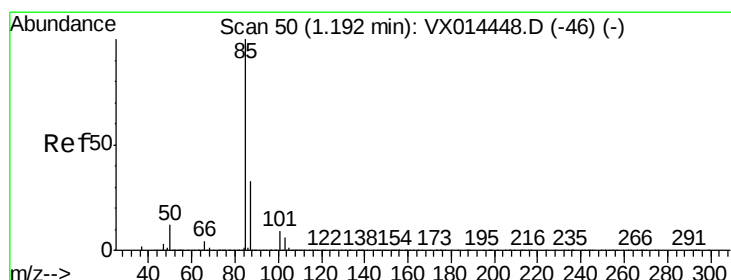
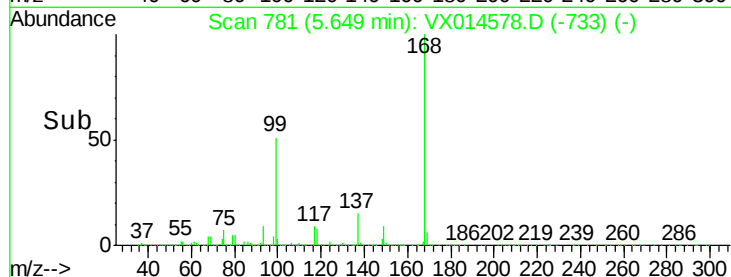
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.011 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014578.D

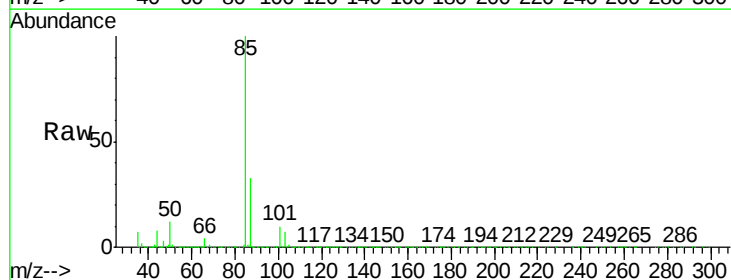
Acq: 13 Jan 2020 11:47

Tgt Ion: 85 Resp: 115204

Ion Ratio Lower Upper

85 100

87 32.5 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

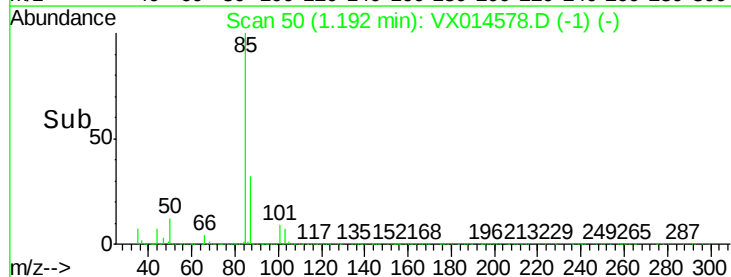
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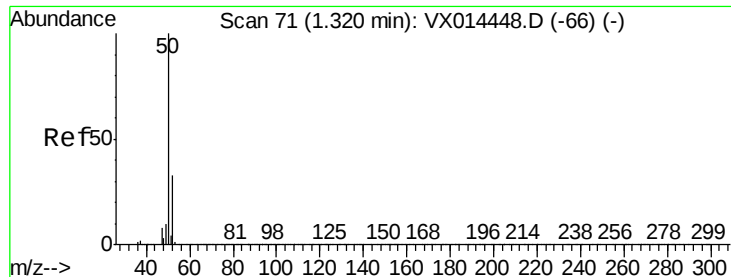
50000

0

Time-->

1.15 1.20 1.25

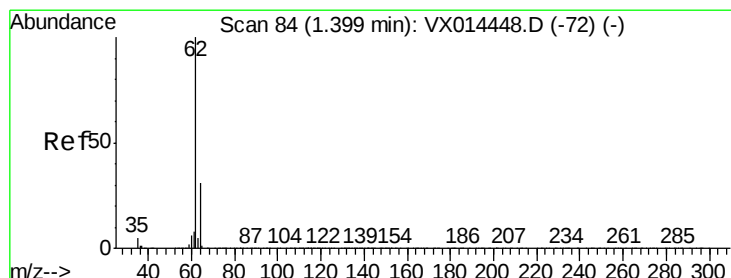
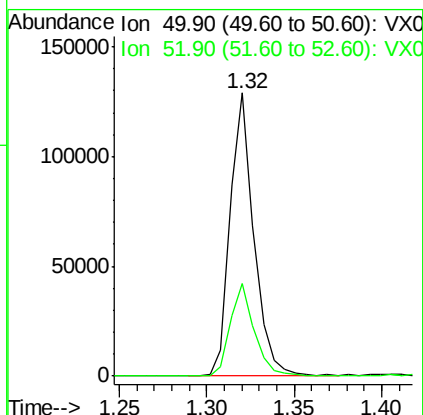
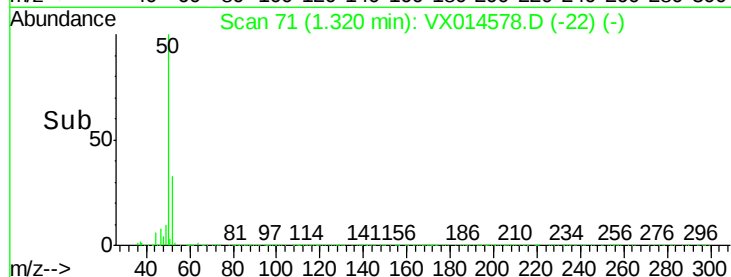
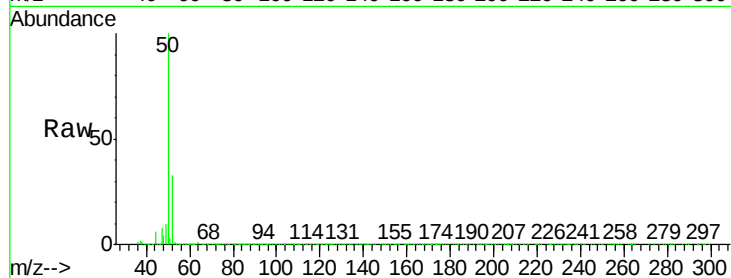




#3
Chloromethane
Concen: 20.416 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

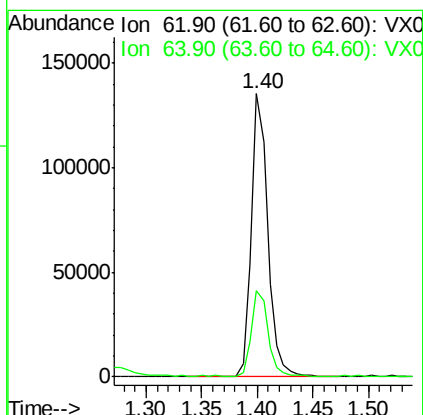
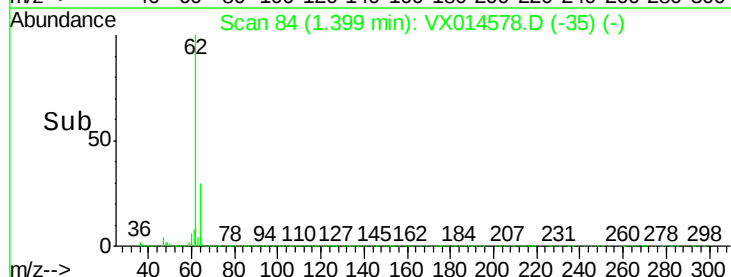
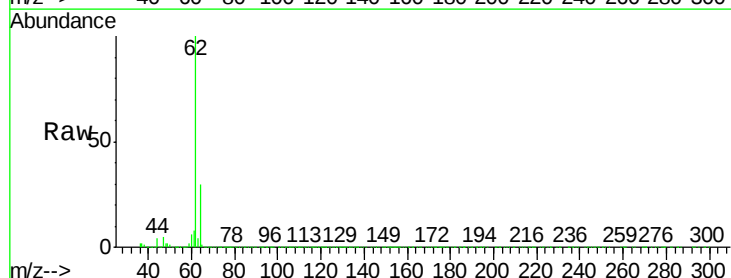
Instrument :
MSVOA_X
ClientSampled :
VX0113WBS01

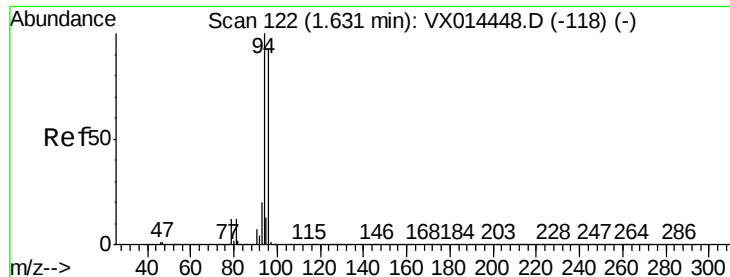
Tgt Ion: 50 Resp: 121602
Ion Ratio Lower Upper
50 100
52 32.7 26.1 39.1



#4
Vinyl Chloride
Concen: 20.904 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 62 Resp: 138739
Ion Ratio Lower Upper
62 100
64 30.0 24.6 37.0





#5

Bromomethane

Concen: 18.107 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

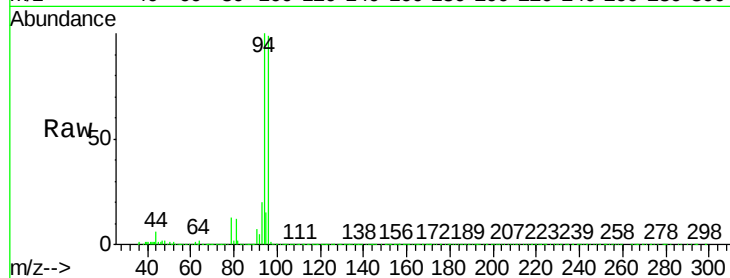
VX0113WBS01

Tgt Ion: 94 Resp: 79661

Ion Ratio Lower Upper

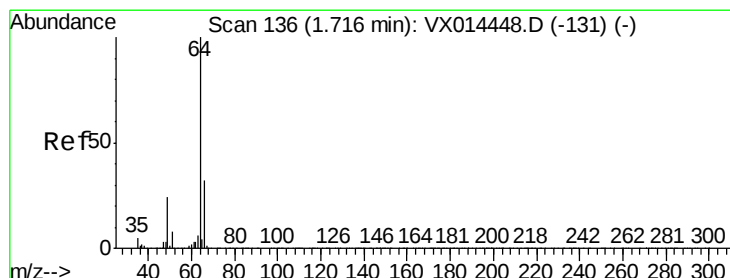
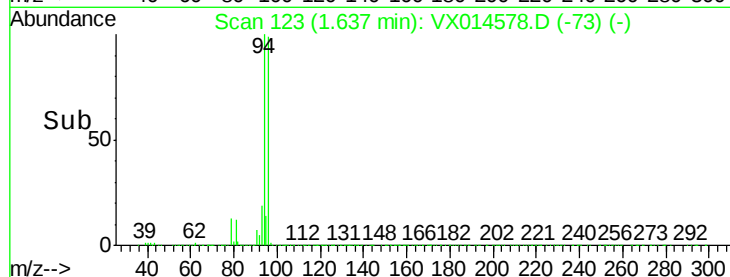
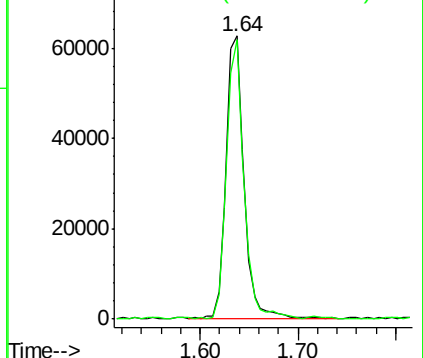
94 100

96 98.8 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.206 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014578.D

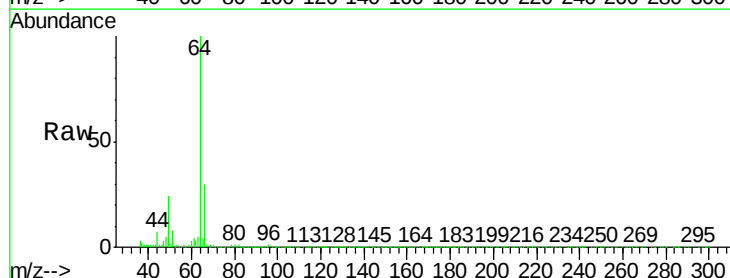
Acq: 13 Jan 2020 11:47

Tgt Ion: 64 Resp: 75855

Ion Ratio Lower Upper

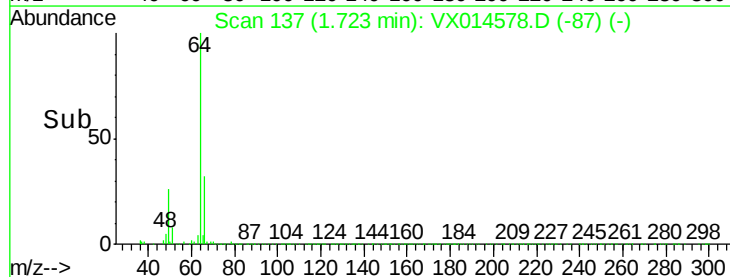
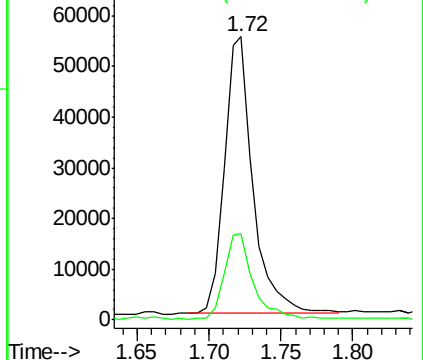
64 100

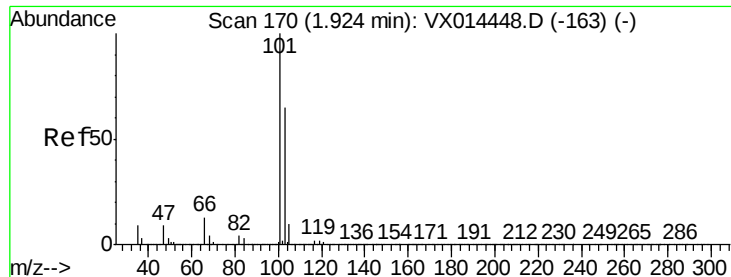
66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



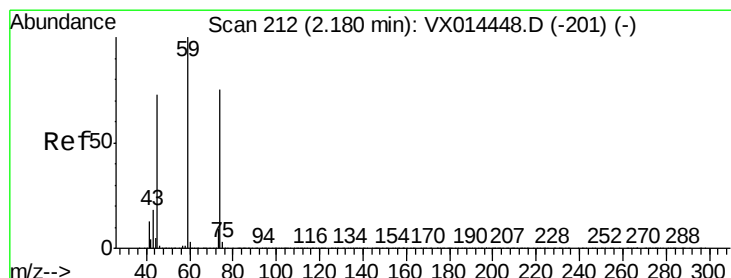
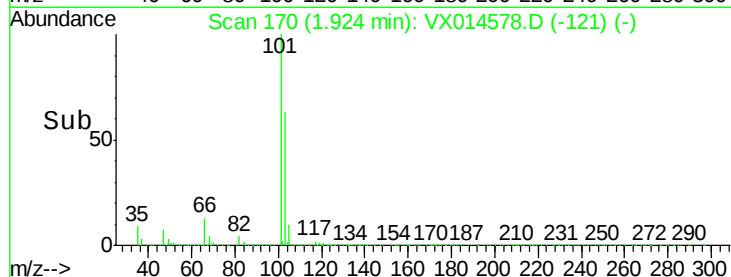
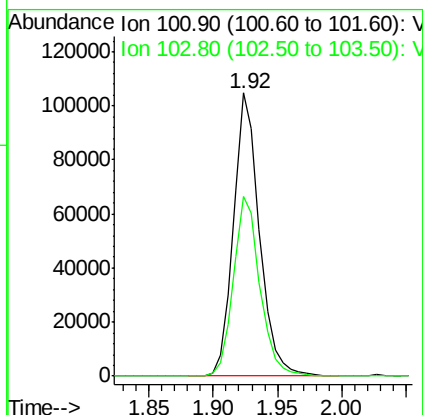
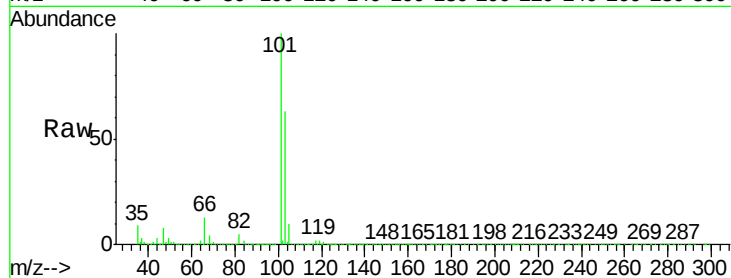


#7

Trichlorofluoromethane
Concen: 19.673 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

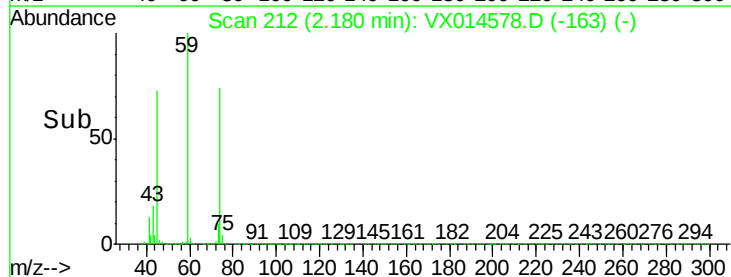
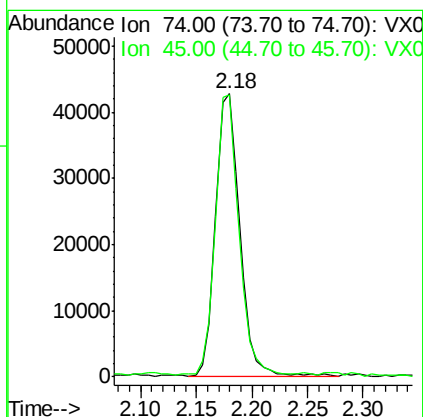
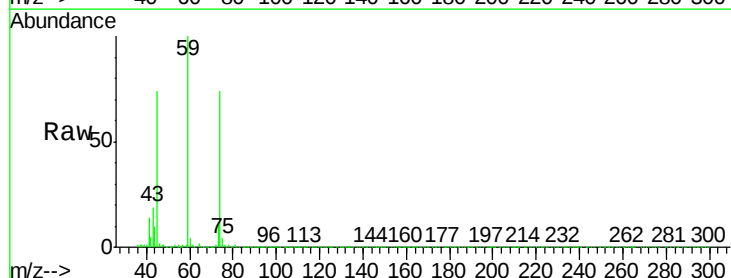
Tgt Ion:101 Resp: 148113
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4

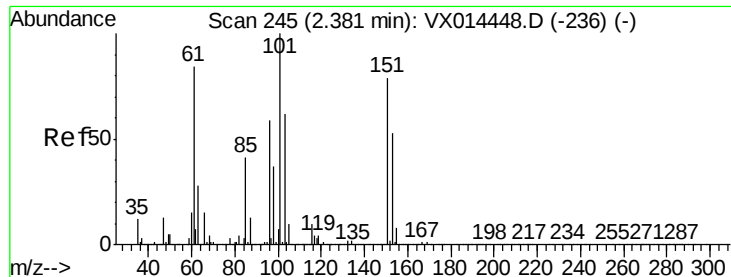


#8

Diethyl Ether
Concen: 18.766 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 74 Resp: 64458
Ion Ratio Lower Upper
74 100
45 95.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.613 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

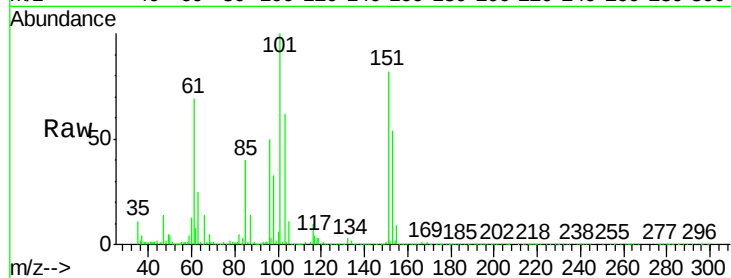
Tgt Ion:101 Resp: 89835

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.8

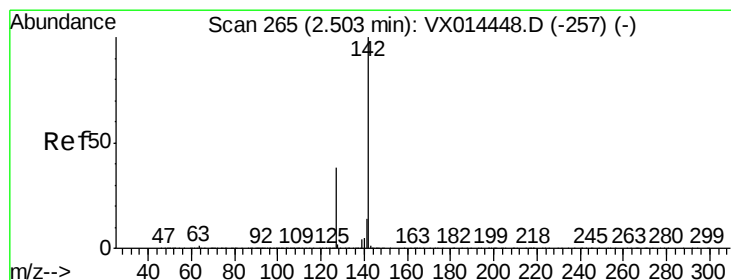
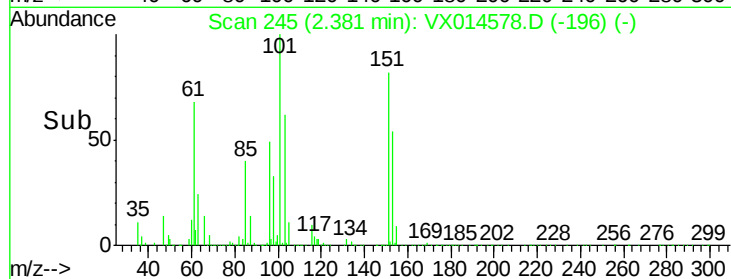
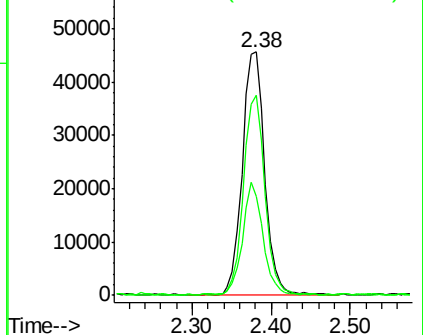
151 79.1 65.3 97.9



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: 18.039 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

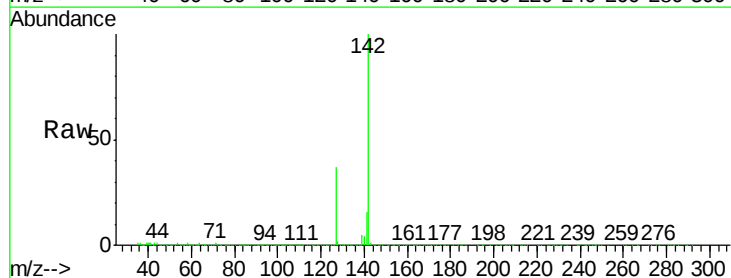
Tgt Ion:142 Resp: 98939

Ion Ratio Lower Upper

142 100

127 39.7 31.2 46.8

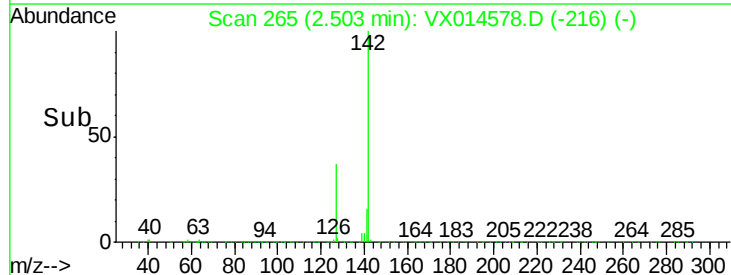
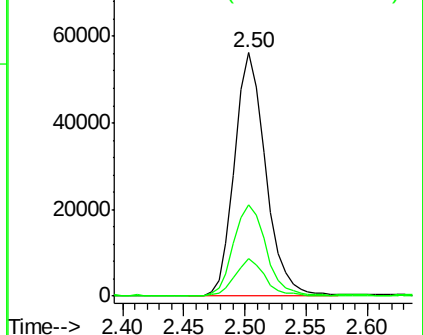
141 15.2 11.4 17.2

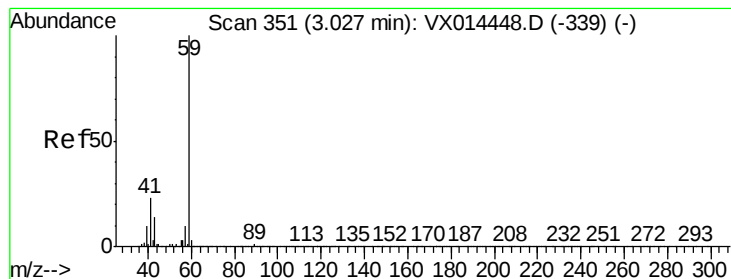


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



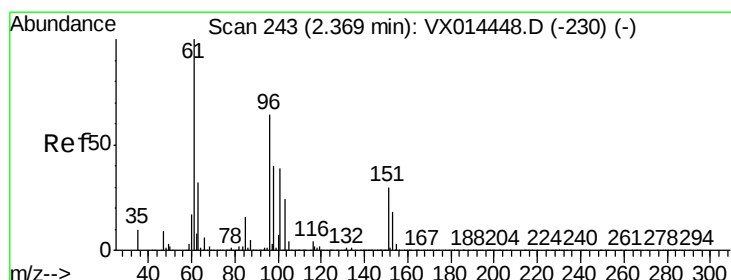
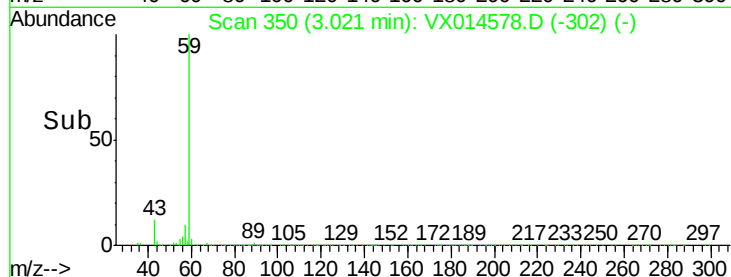
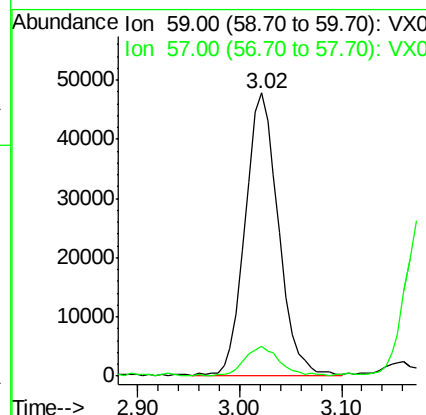
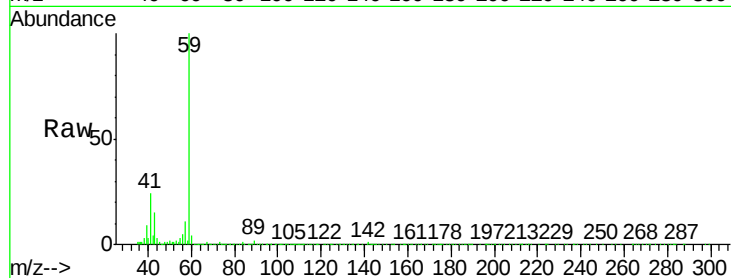


#11

Tert butyl alcohol
 Concen: 98.540 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

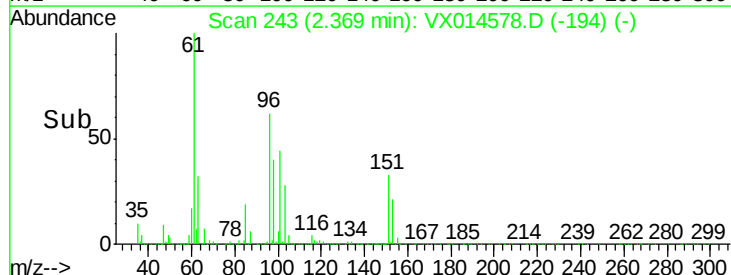
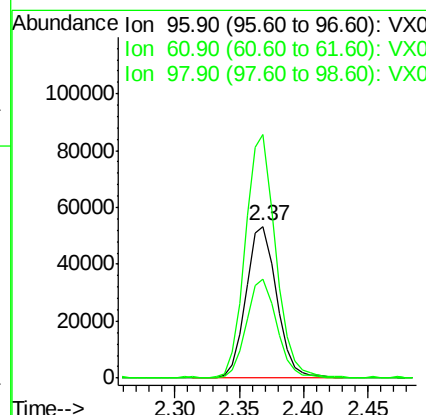
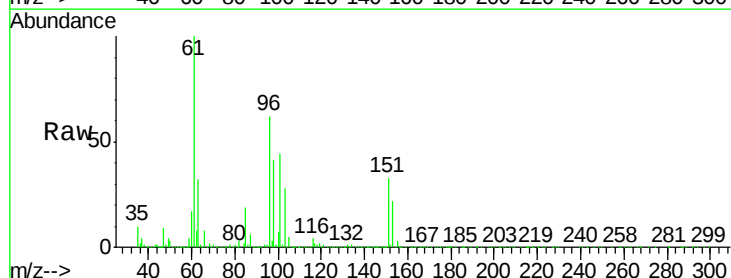
Tgt Ion: 59 Resp: 107324
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

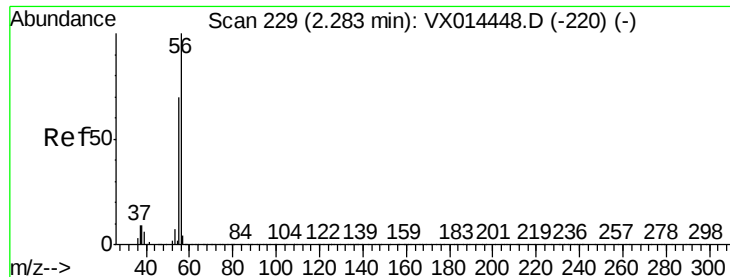


#12

1,1-Dichloroethene
 Concen: 18.990 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion: 96 Resp: 87639
 Ion Ratio Lower Upper
 96 100
 61 160.0 125.0 187.6
 98 64.8 50.2 75.2





#13

Acrolein

Concen: 68.690 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

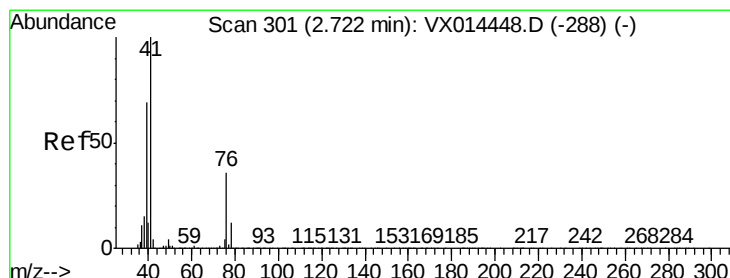
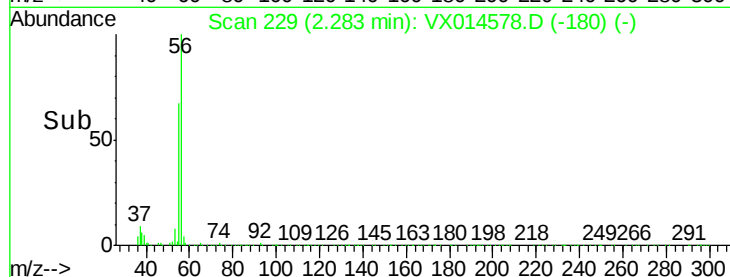
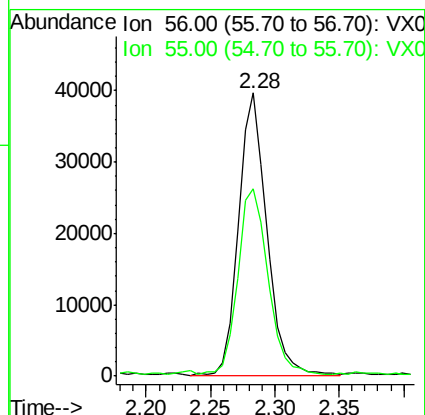
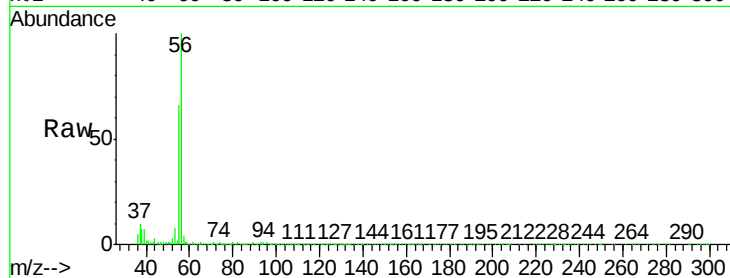
VX0113WBS01

Tgt Ion: 56 Resp: 59965

Ion Ratio Lower Upper

56 100

55 70.1 55.0 82.6



#14

Allyl chloride

Concen: 19.476 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

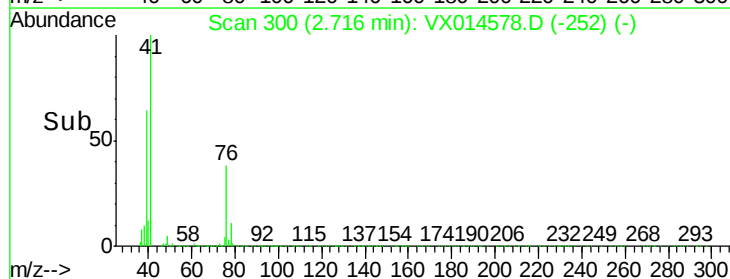
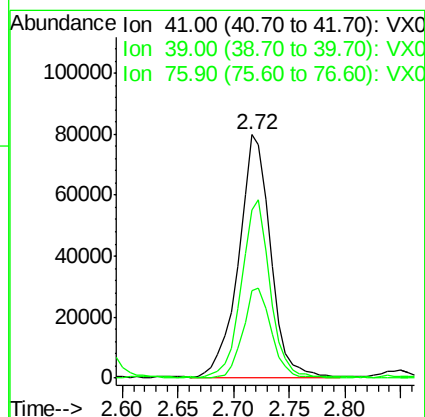
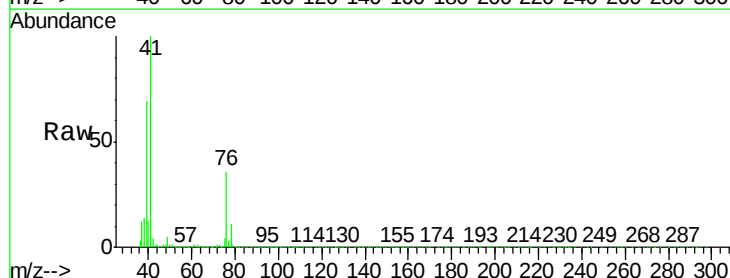
Tgt Ion: 41 Resp: 157803

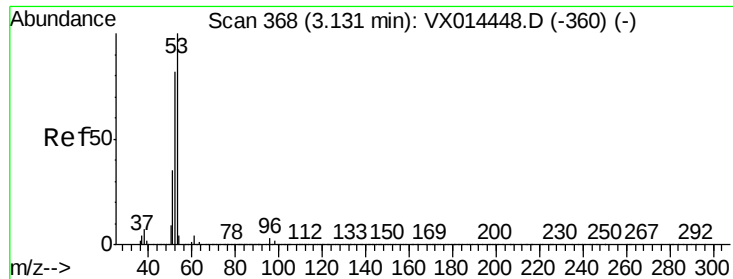
Ion Ratio Lower Upper

41 100

39 66.8 51.7 77.5

76 32.5 26.8 40.2





#15

Acrylonitrile

Concen: 98.704 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

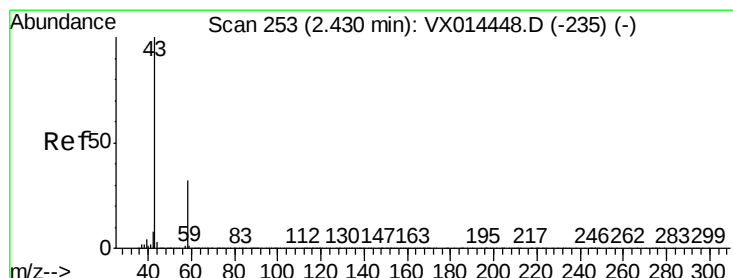
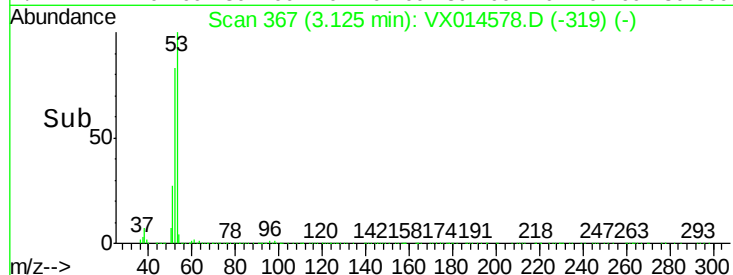
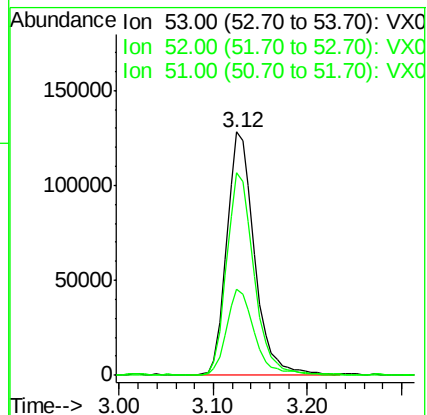
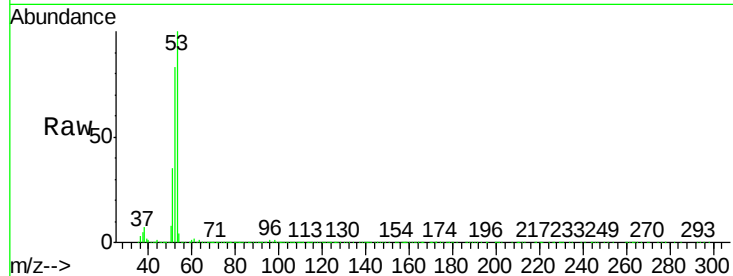
Tgt Ion: 53 Resp: 259461

Ion Ratio Lower Upper

53 100

52 82.5 67.0 100.4

51 35.9 28.5 42.7



#16

Acetone

Concen: 101.683 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014578.D

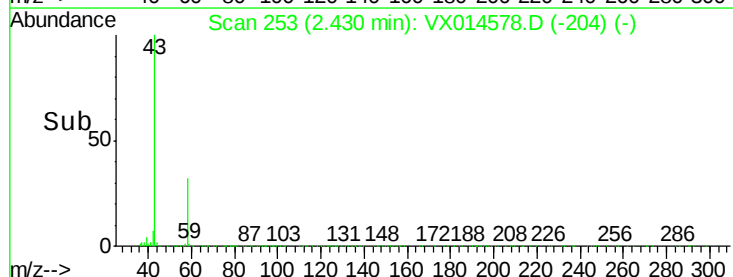
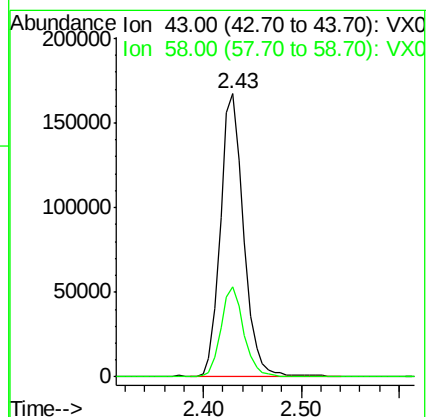
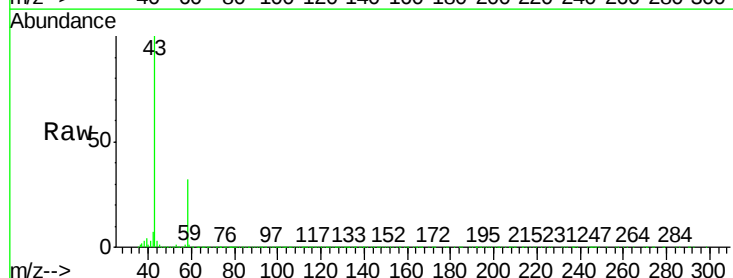
Acq: 13 Jan 2020 11:47

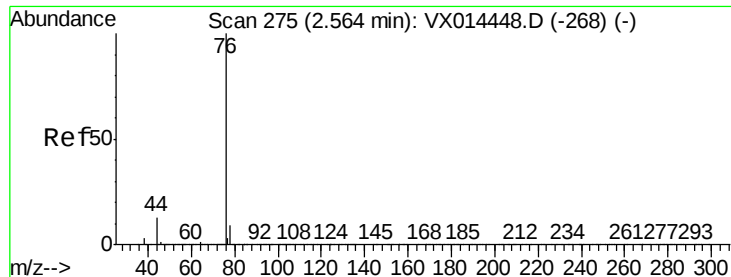
Tgt Ion: 43 Resp: 272428

Ion Ratio Lower Upper

43 100

58 31.6 25.4 38.0

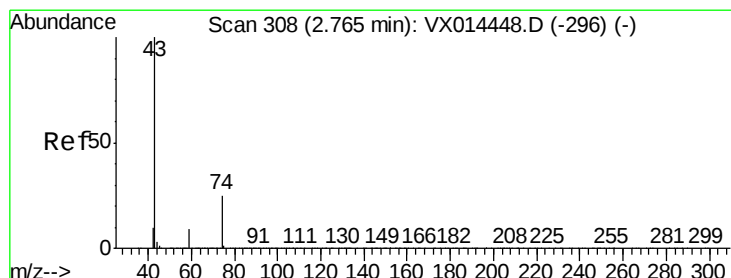
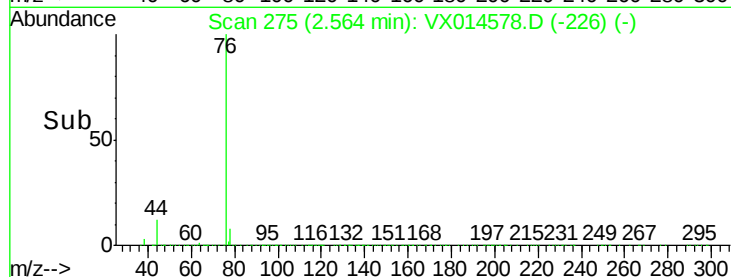
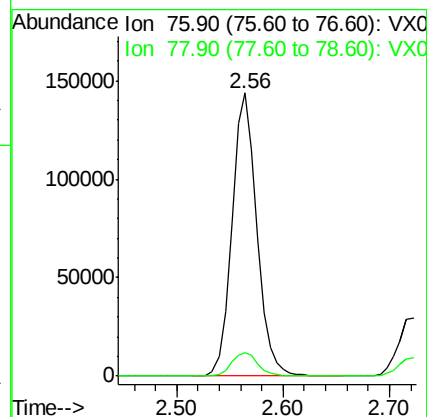
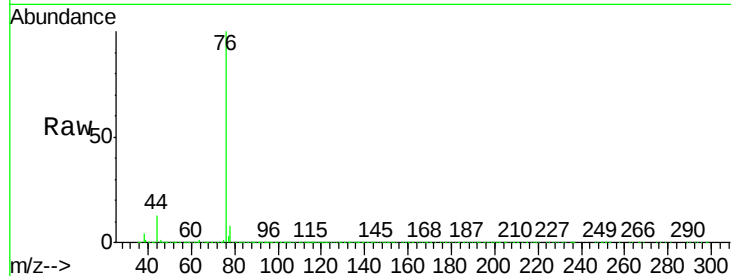




#17
Carbon Disulfide
Concen: 18.172 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

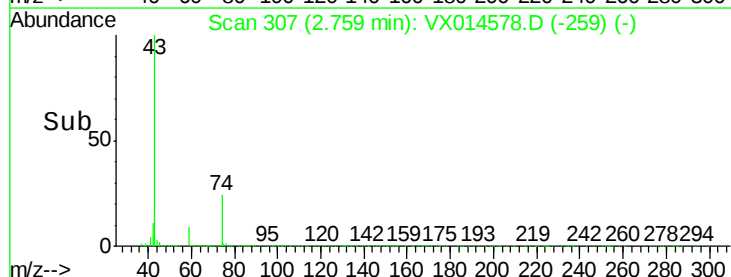
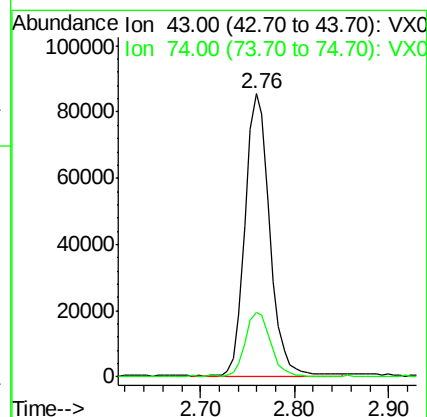
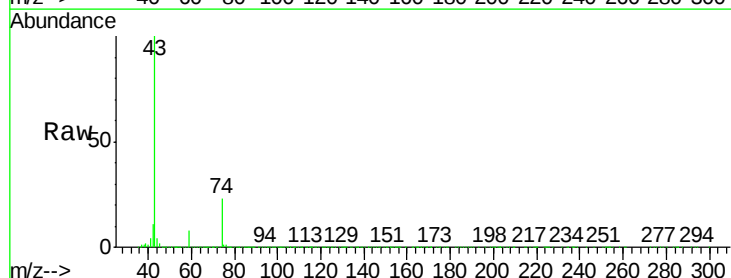
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

Tgt Ion: 76 Resp: 233995
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2



#18
Methyl Acetate
Concen: 20.766 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 43 Resp: 155688
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2



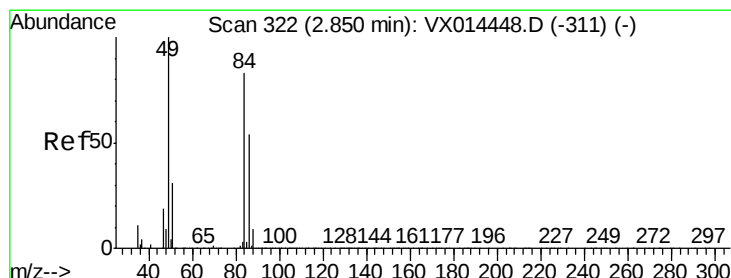
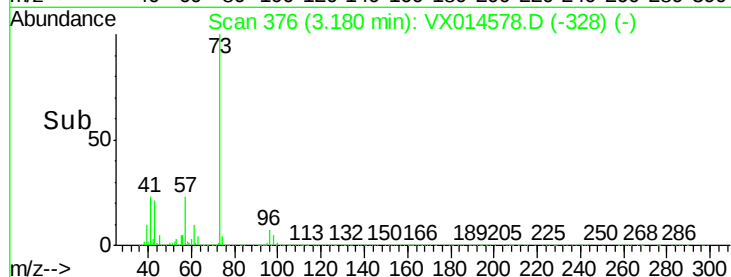
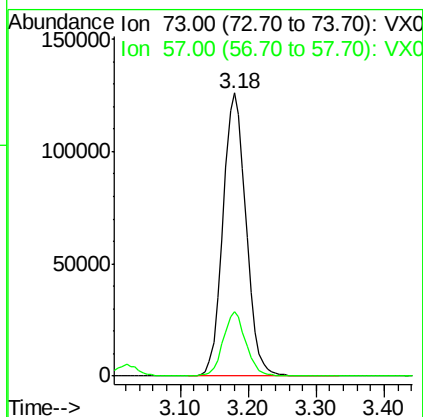
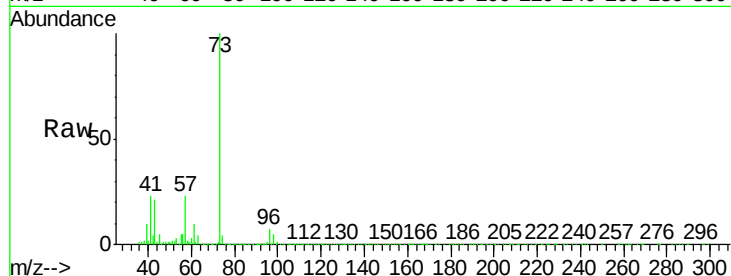


#19

Methyl tert-butyl Ether
 Concen: 19.930 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0113WBS01

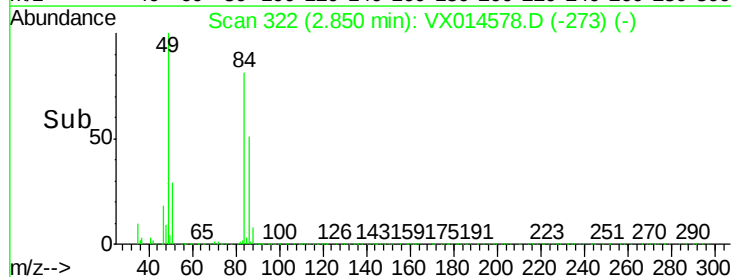
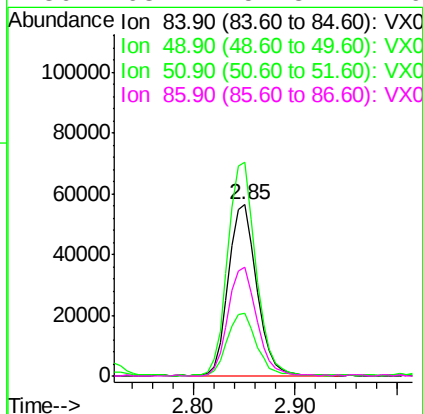
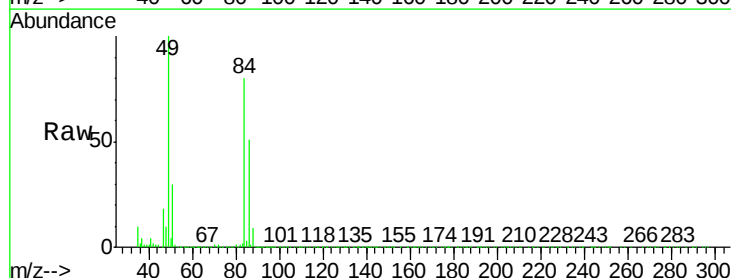
Tgt Ion: 73 Resp: 295248
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.8 26.8

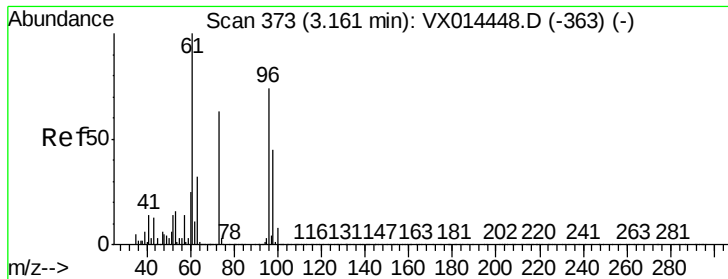


#20

Methylene Chloride
 Concen: 20.840 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion: 84 Resp: 109358
 Ion Ratio Lower Upper
 84 100
 49 124.2 95.8 143.8
 51 36.7 30.2 45.4
 86 63.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

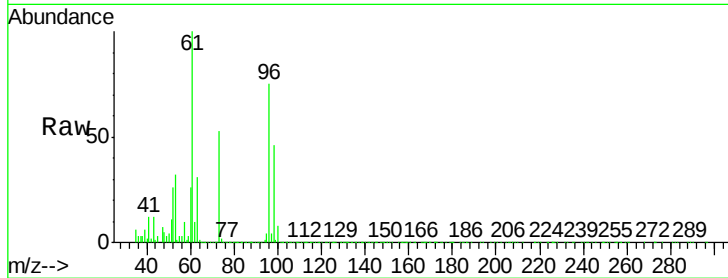
Tgt Ion: 96 Resp: 94243

Ion Ratio Lower Upper

96 100

61 132.8 108.2 162.4

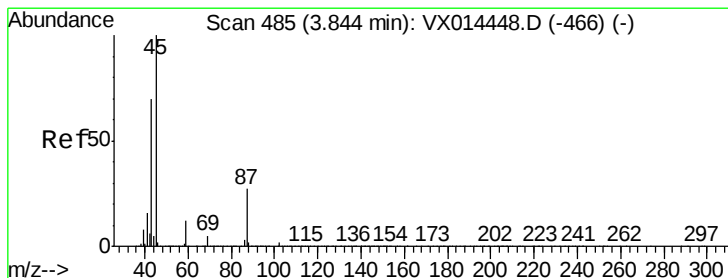
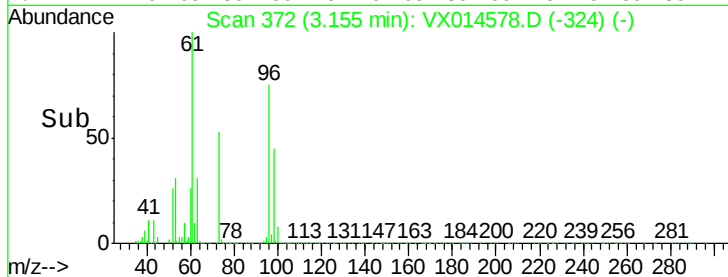
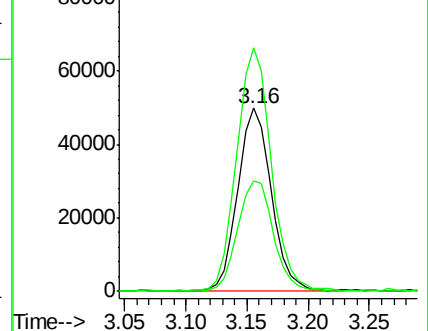
98 60.6 48.8 73.2



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: 20.537 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Tgt Ion: 45 Resp: 321573

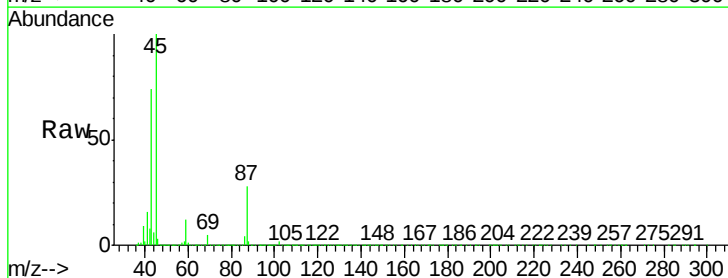
Ion Ratio Lower Upper

45 100

43 73.4 55.8 83.6

87 28.3 21.8 32.8

59 11.5 9.1 13.7

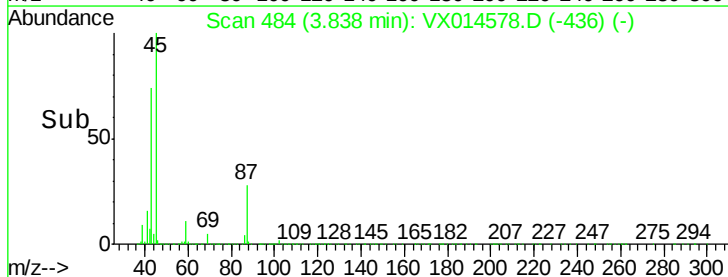
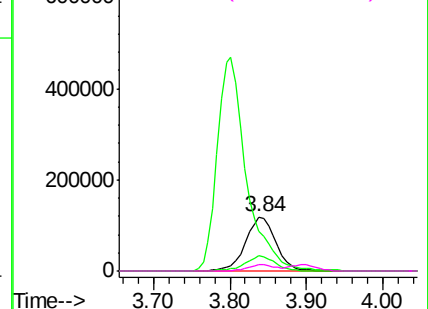


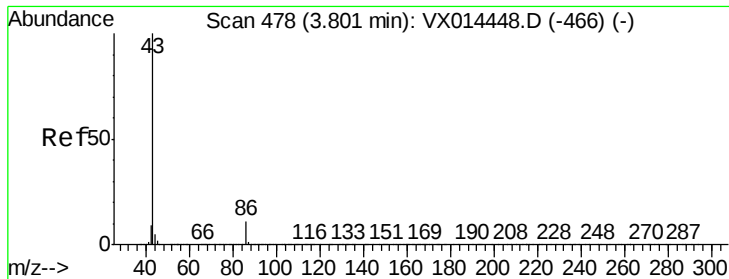
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 102.338 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

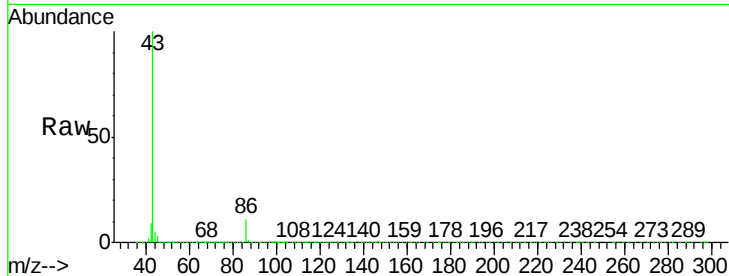
VX0113WBS01

Tgt Ion: 43 Resp: 1240617

Ion Ratio Lower Upper

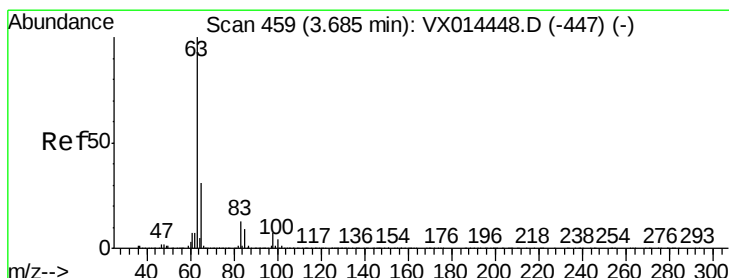
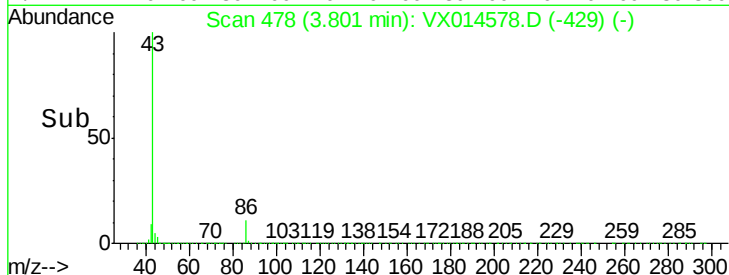
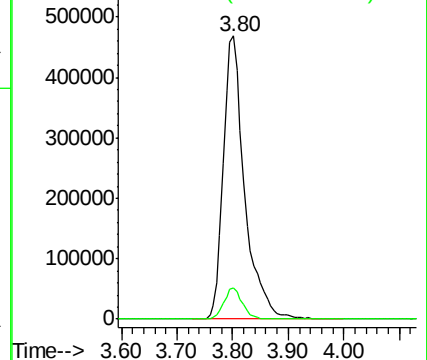
43 100

86 10.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.278 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

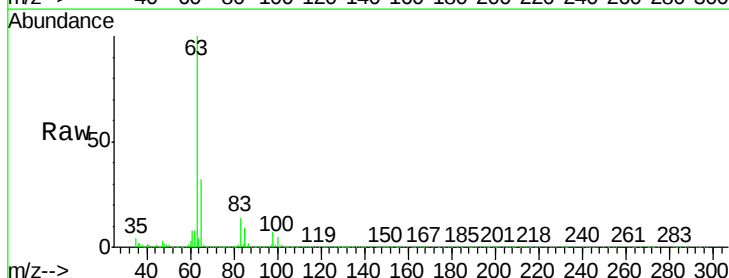
Tgt Ion: 63 Resp: 172729

Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.9

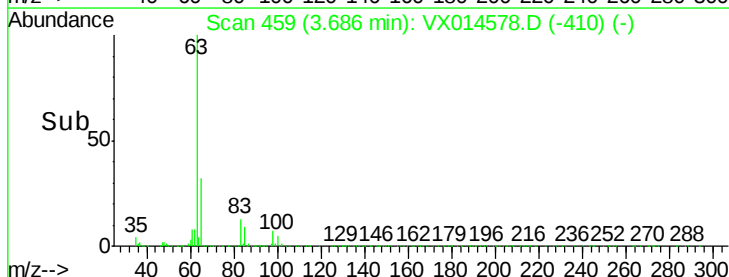
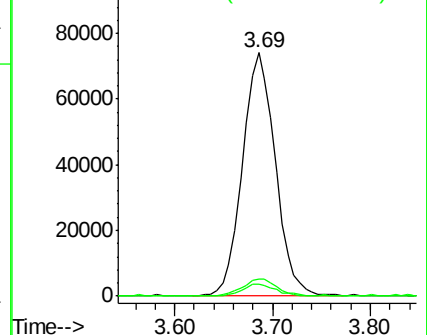
100 4.5 2.3 6.8

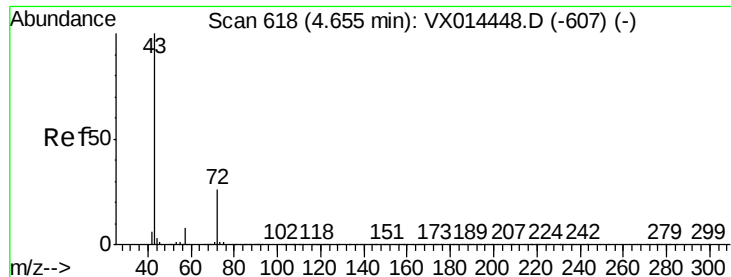


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.956 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

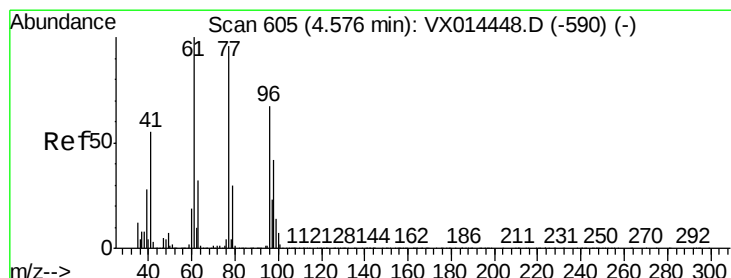
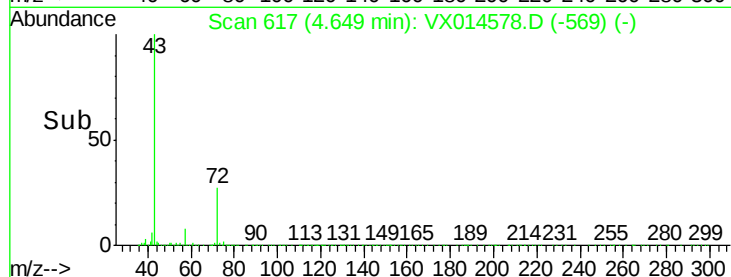
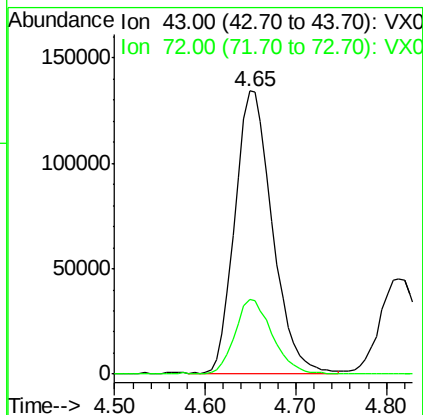
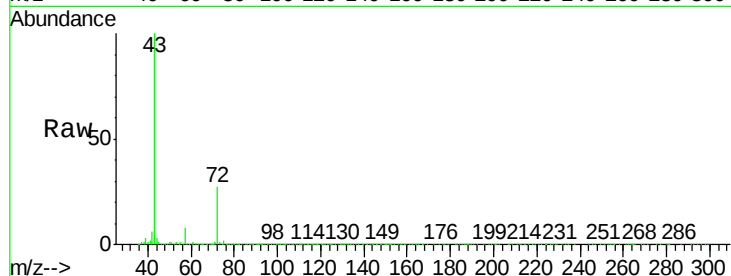
VX0113WBS01

Tgt Ion: 43 Resp: 381675

Ion Ratio Lower Upper

43 100

72 26.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.042 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014578.D

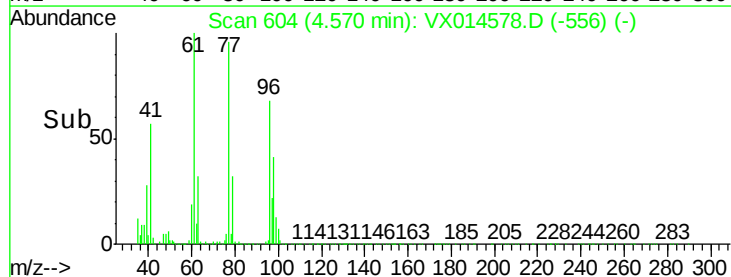
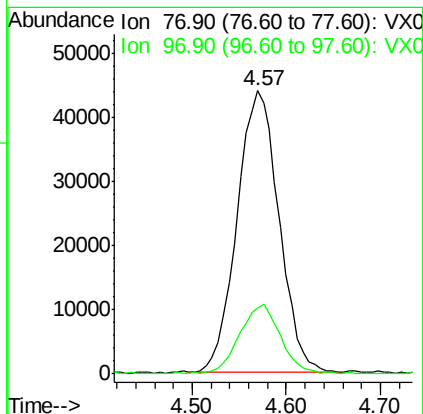
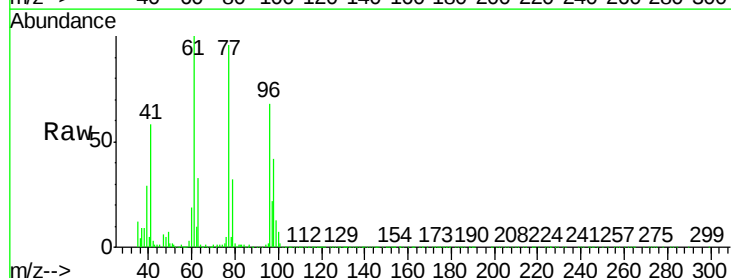
Acq: 13 Jan 2020 11:47

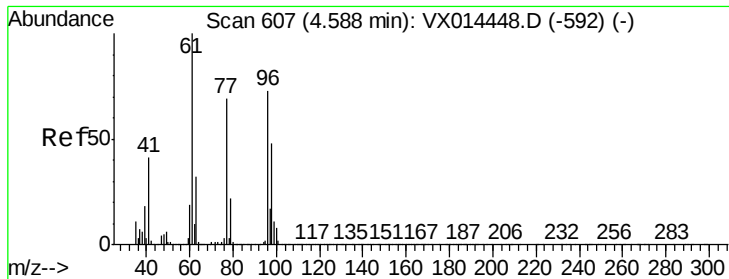
Tgt Ion: 77 Resp: 137402

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



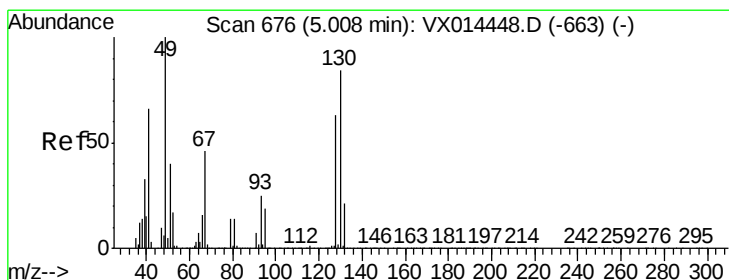
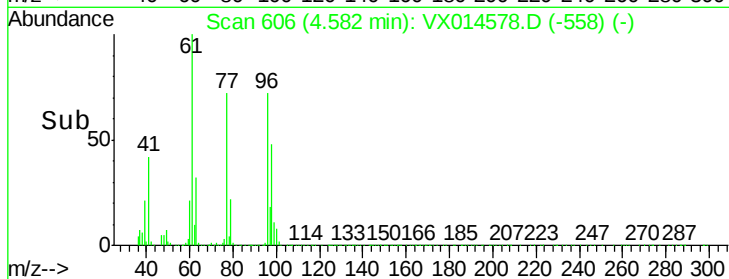
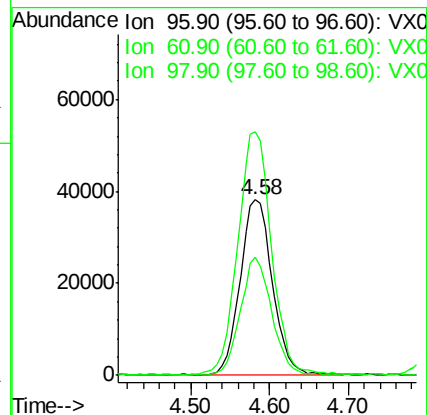
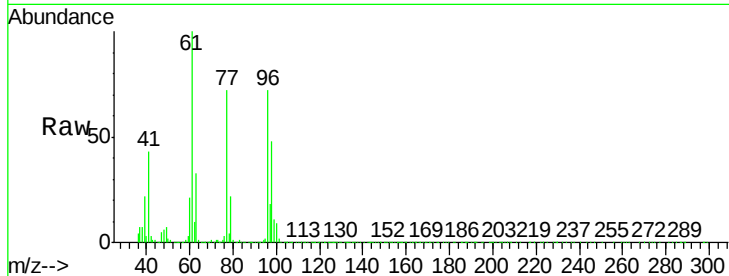


#27

cis-1,2-Dichloroethene
Concen: 19.269 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

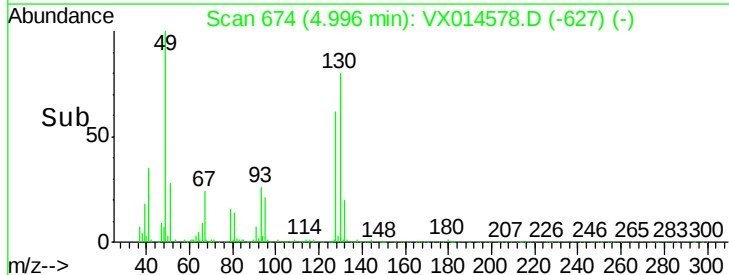
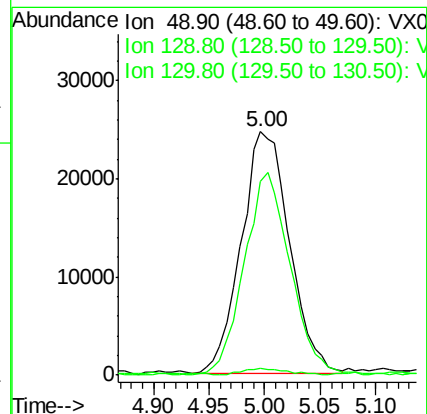
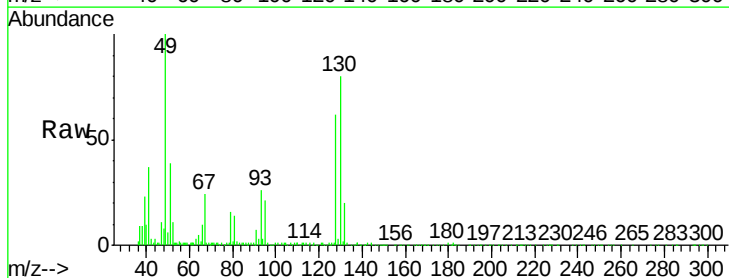
Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	285.4
98	64.6	0.0	130.6



#28

Bromochloromethane
Concen: 20.782 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.4
130	80.1	67.0	100.4





#29

Tetrahydrofuran

Concen: 99.214 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

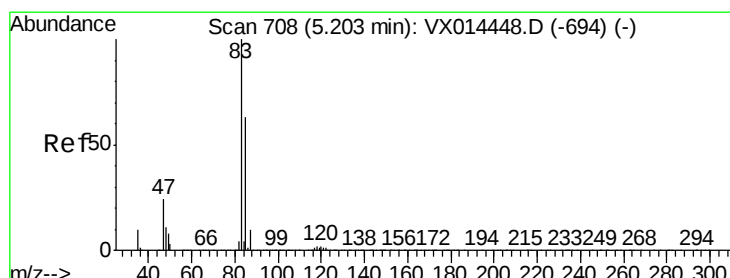
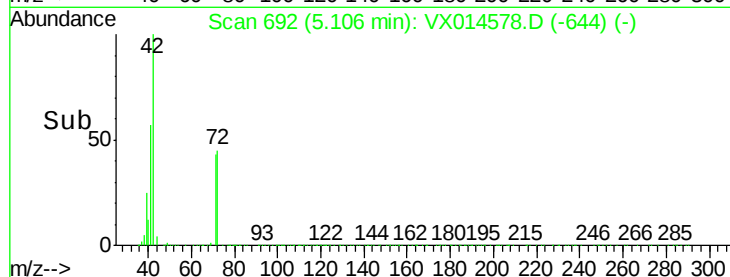
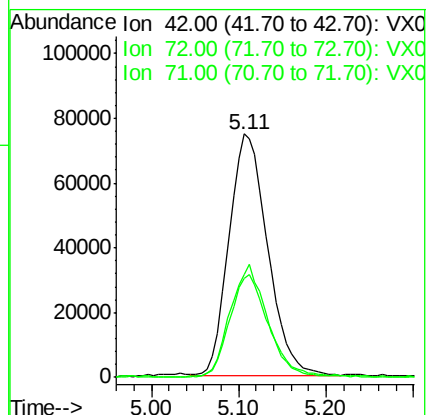
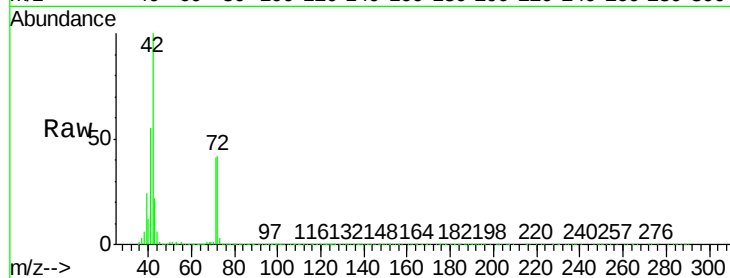
Tgt Ion: 42 Resp: 228560

Ion Ratio Lower Upper

42 100

72 45.6 36.2 54.4

71 42.0 34.1 51.1



#30

Chloroform

Concen: 19.936 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014578.D

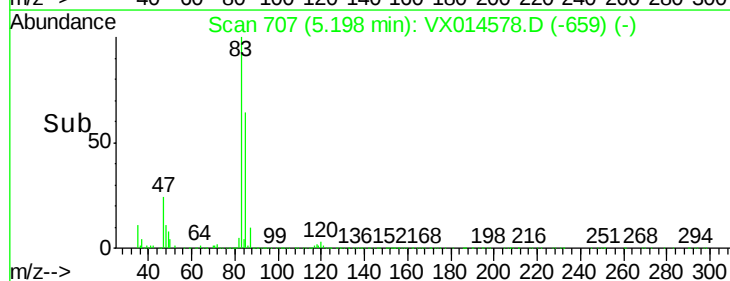
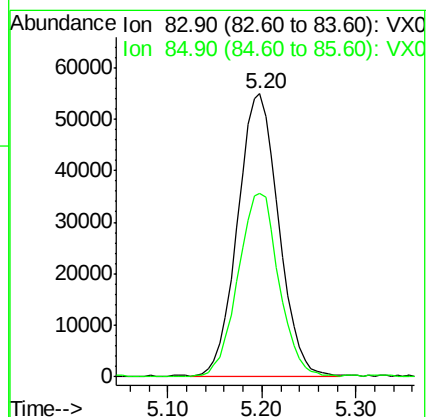
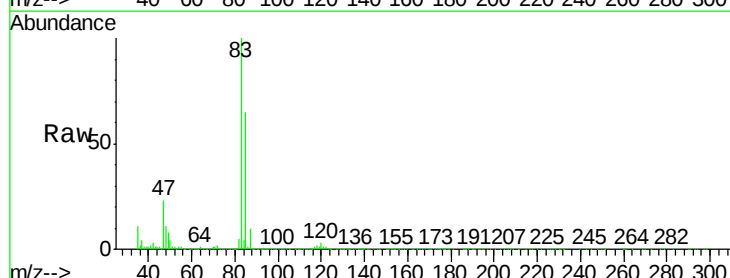
Acq: 13 Jan 2020 11:47

Tgt Ion: 83 Resp: 165940

Ion Ratio Lower Upper

83 100

85 64.7 50.6 75.8

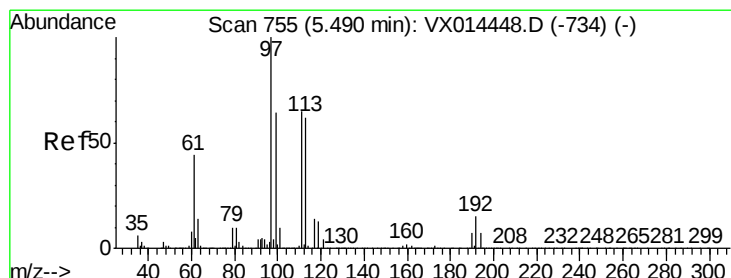
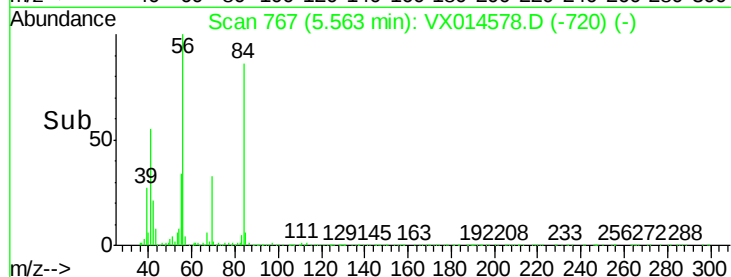
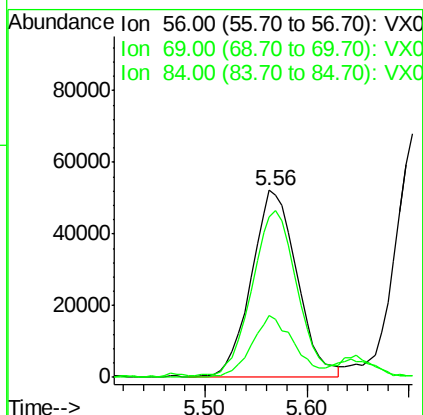
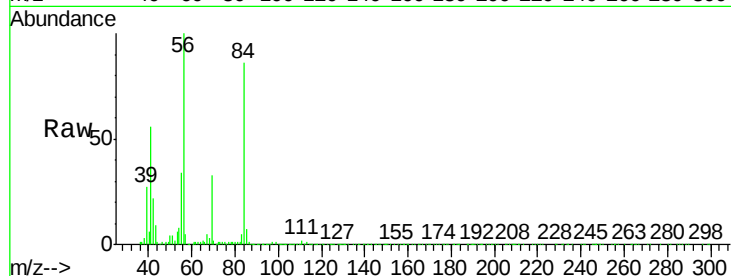




#31
Cyclohexane
Concen: 20.159 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

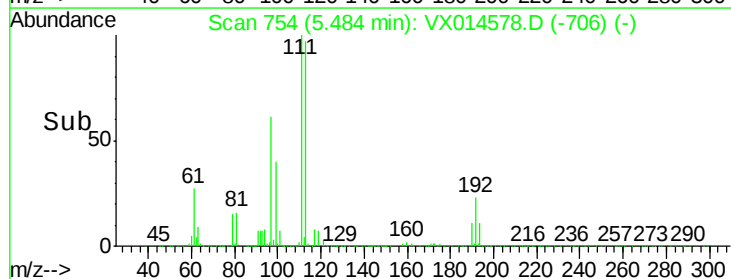
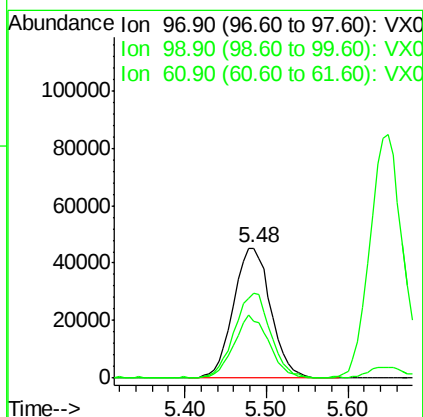
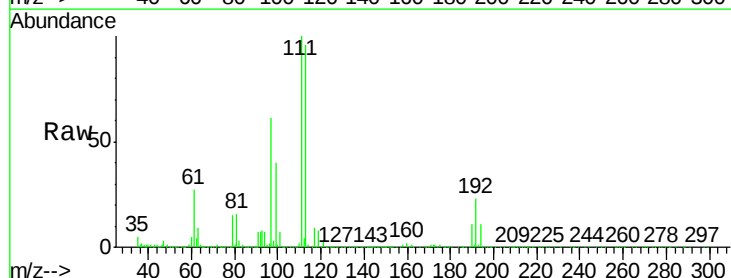
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

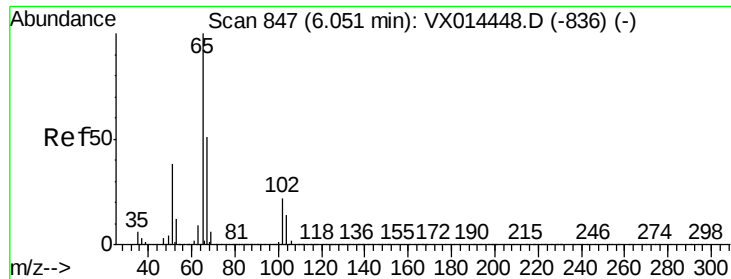
Tgt Ion: 56 Resp: 160723
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 85.1 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.855 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 97 Resp: 141463
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 45.1 35.9 53.9

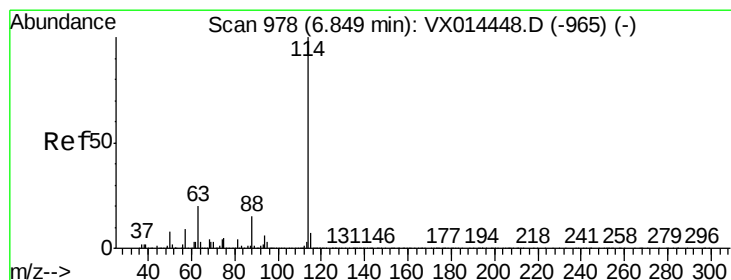
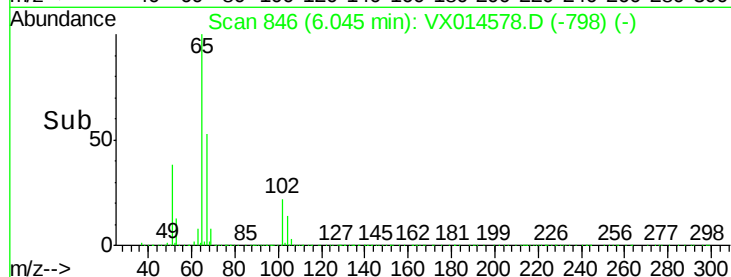
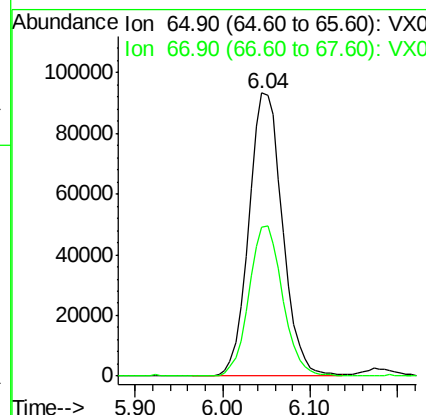
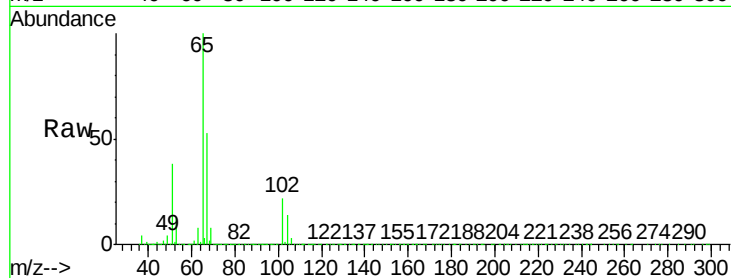




#33
 1,2-Dichloroethane-d4
 Concen: 47.755 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

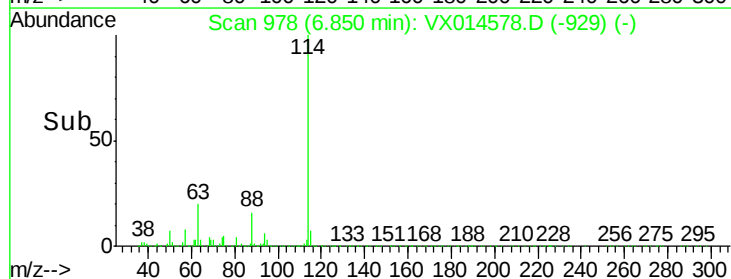
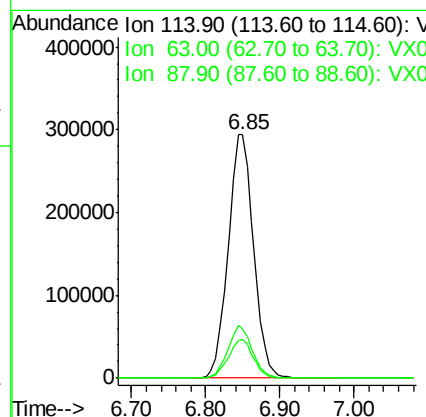
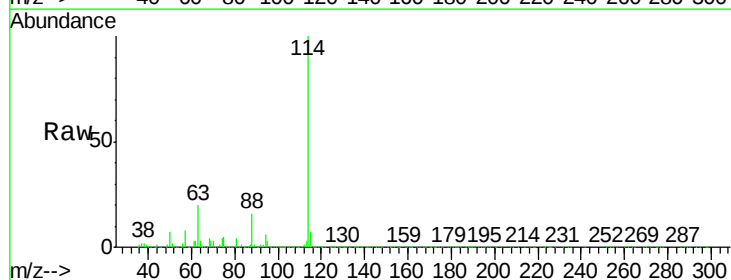
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

Tgt Ion: 65 Resp: 249103
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion: 114 Resp: 696856
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.7 0.0 30.8

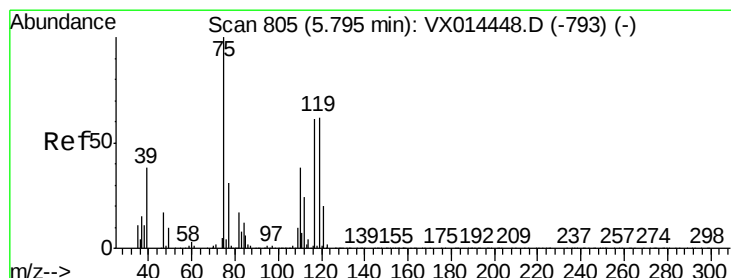
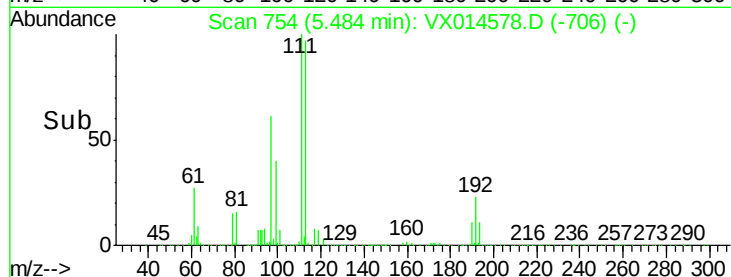
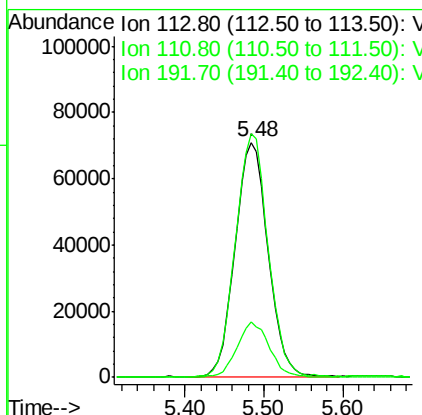
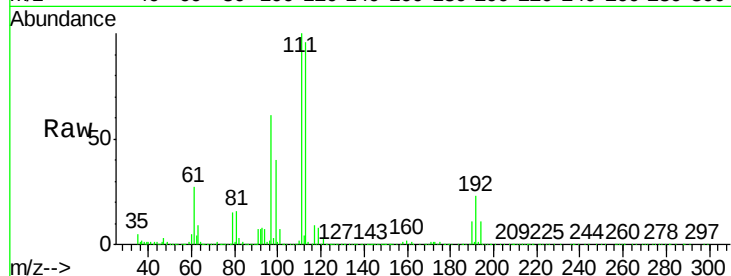




#35
Dibromofluoromethane
Concen: 48.745 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

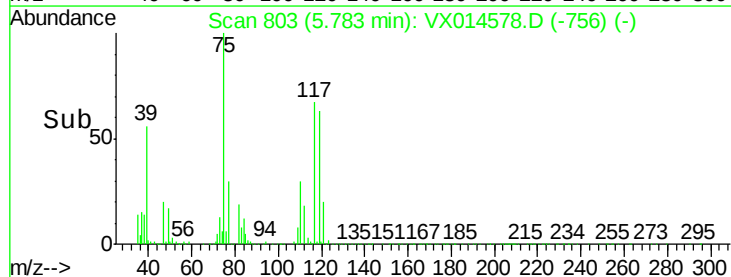
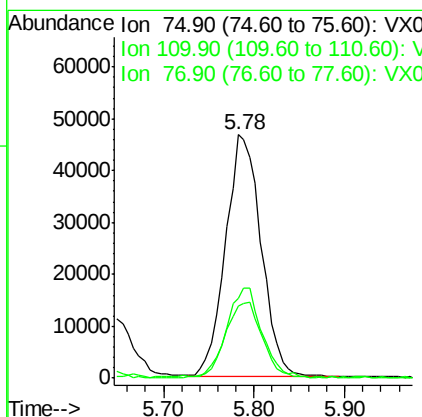
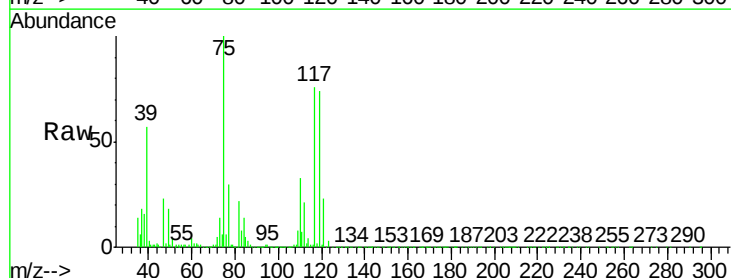
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

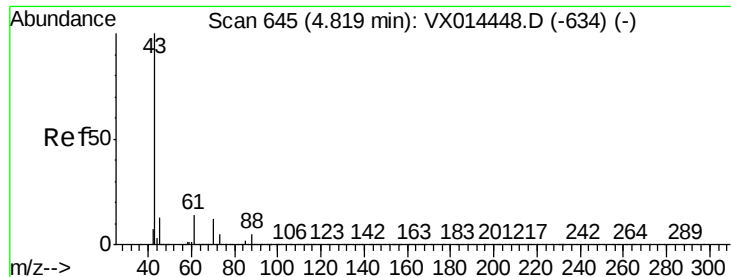
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	23.5	19.2	28.8



#36
1,1-Dichloropropene
Concen: 19.501 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.6	55.8
77	31.2	24.5	36.7

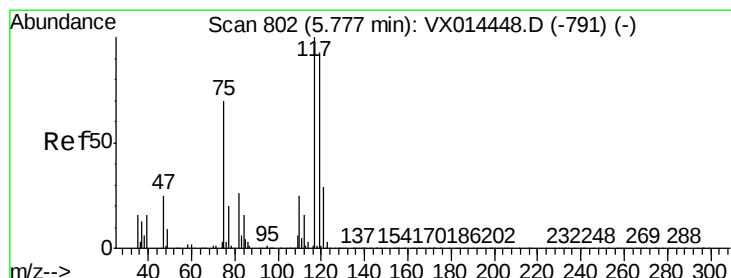
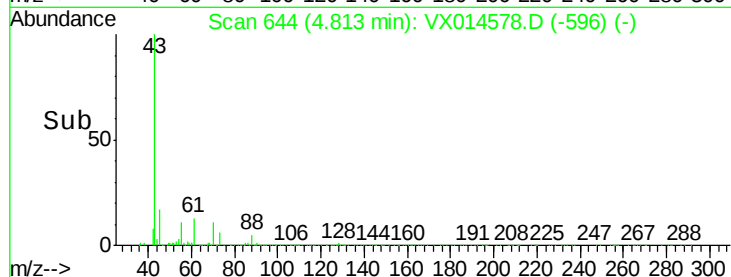
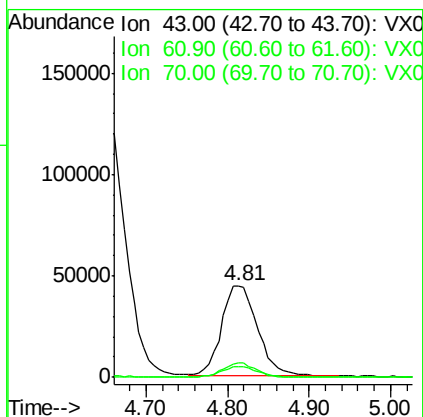
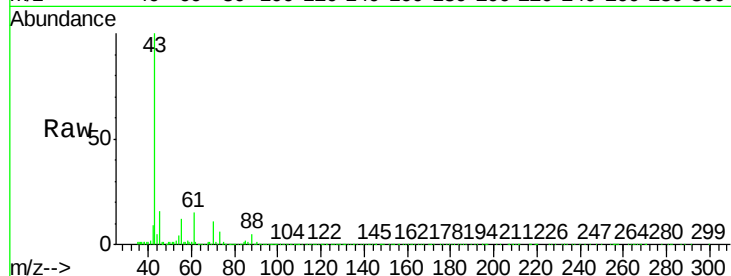




#37
Ethyl Acetate
Concen: 19.373 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

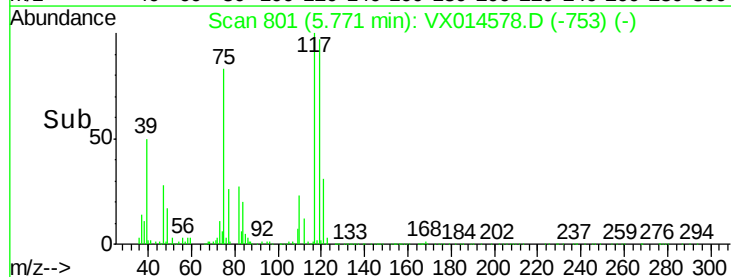
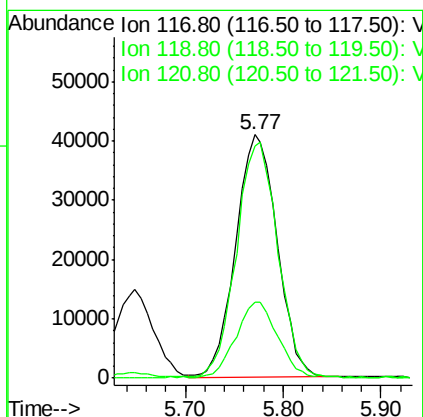
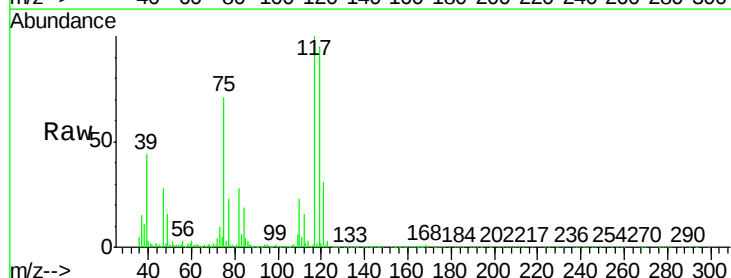
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

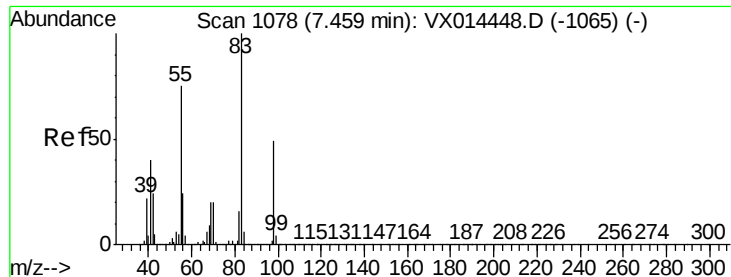
Tgt Ion: 43 Resp: 137900
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 11.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.916 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 117 Resp: 120107
Ion Ratio Lower Upper
117 100
119 95.2 73.8 110.8
121 31.0 23.4 35.0

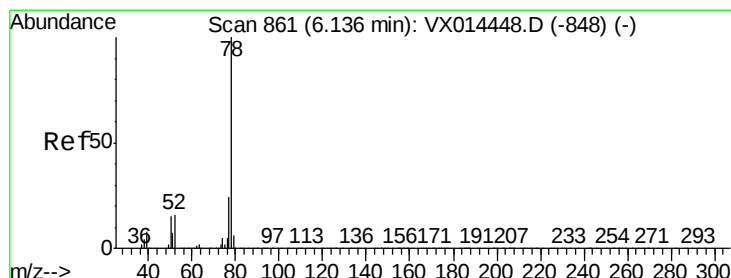
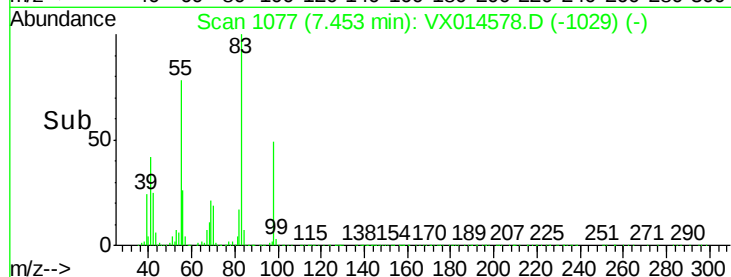
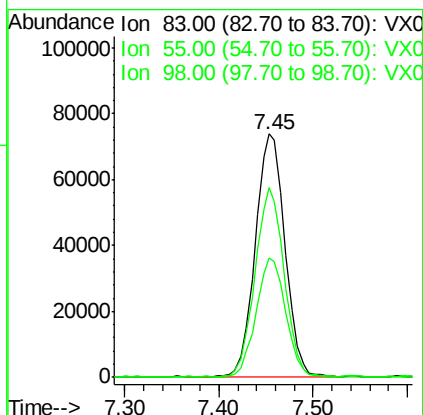
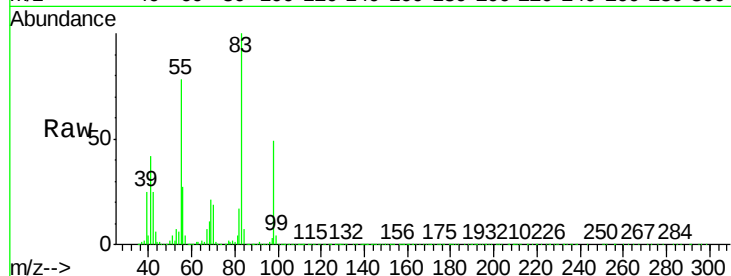




#39
Methylcyclohexane
Concen: 19.934 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

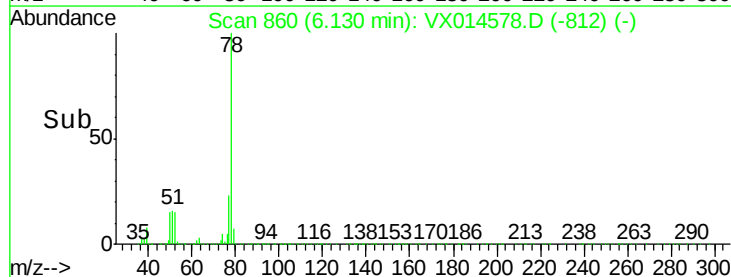
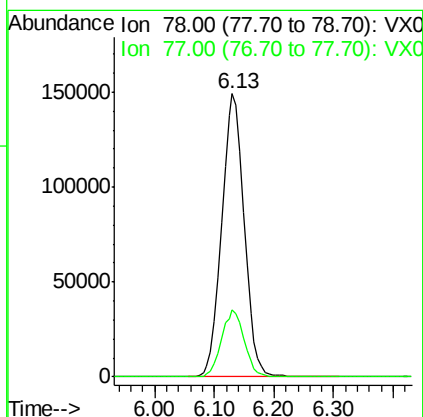
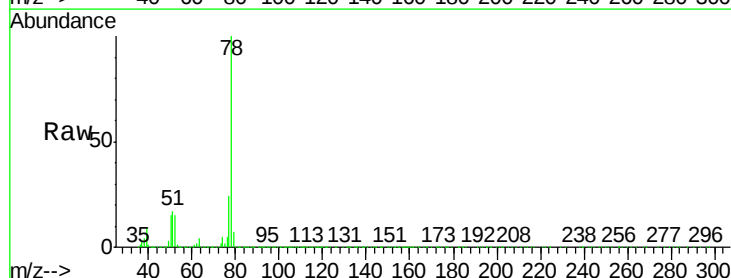
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

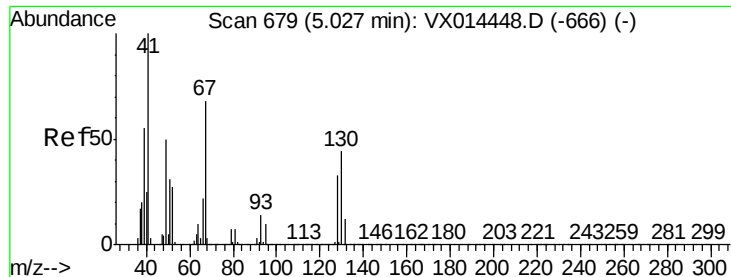
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.9	59.7	89.5
98	49.0	39.1	58.7



#40
Benzene
Concen: 20.013 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3

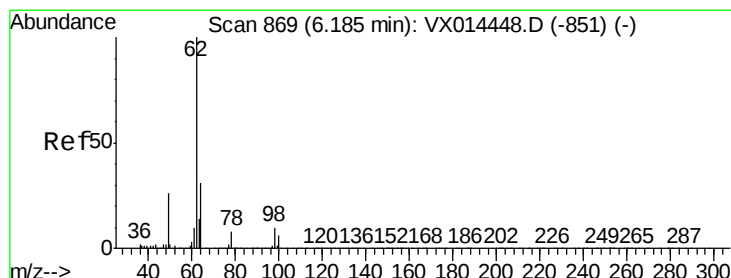
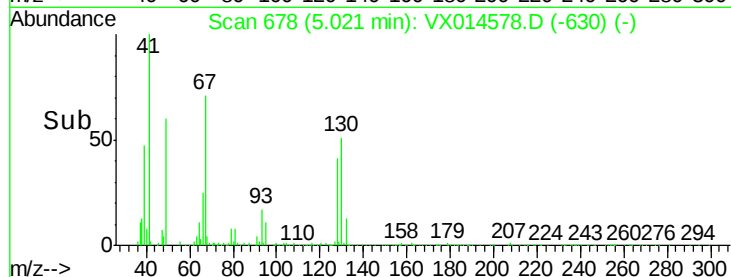
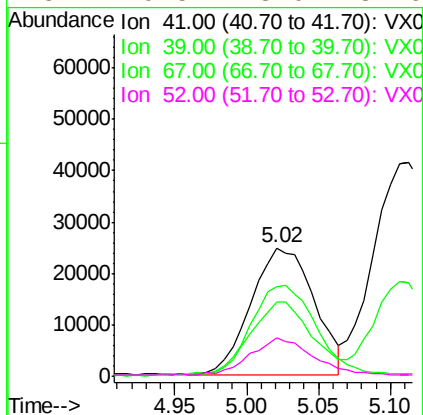
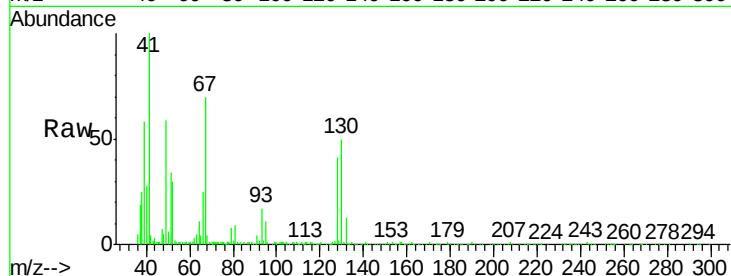




#41
Methacrylonitrile
Concen: 19.888 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

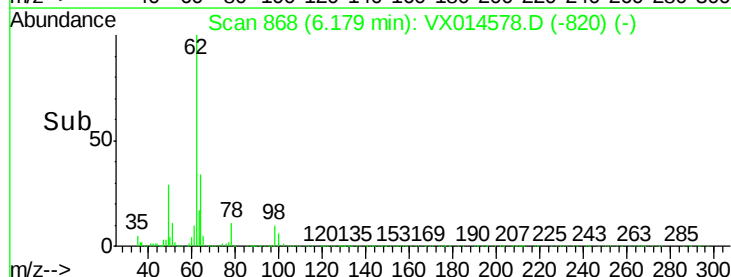
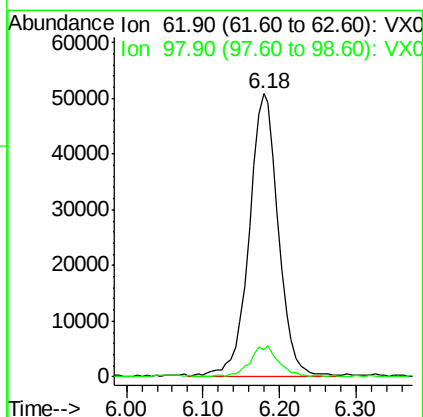
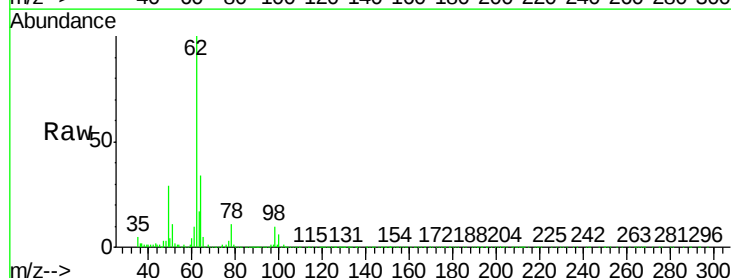
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

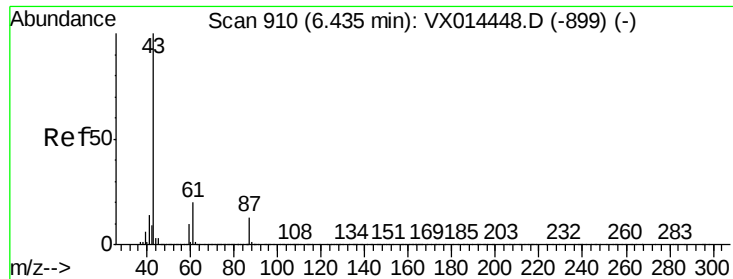
Tgt Ion:	41	Resp:	75494
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.6	65.4
67	73.5	57.9	86.9
52	29.5	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.627 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion:	62	Resp:	133474
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.4



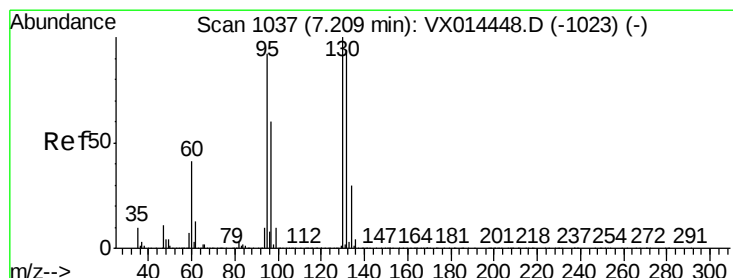
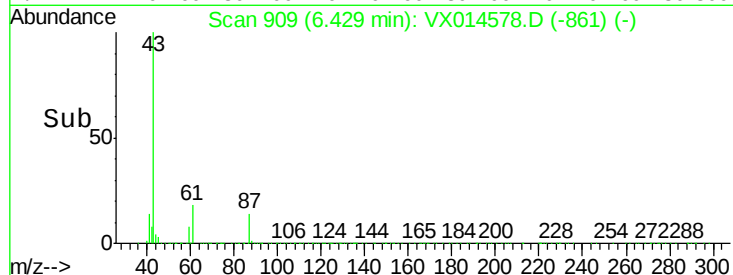
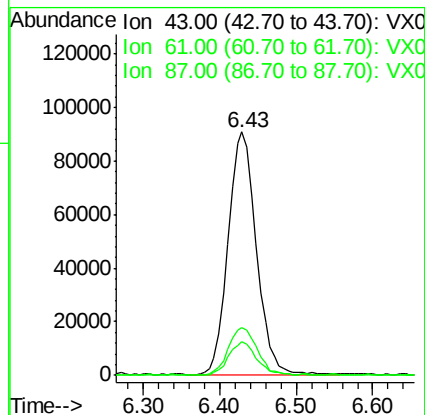
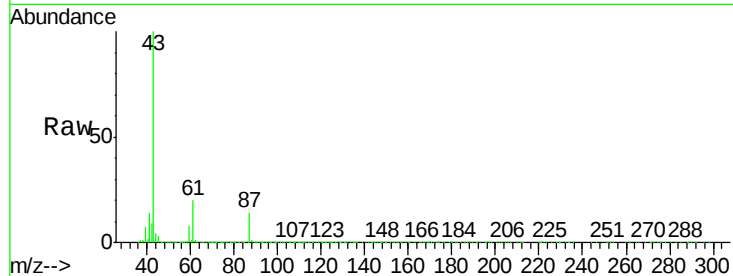


#43

Isopropyl Acetate
 Concen: 20.007 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

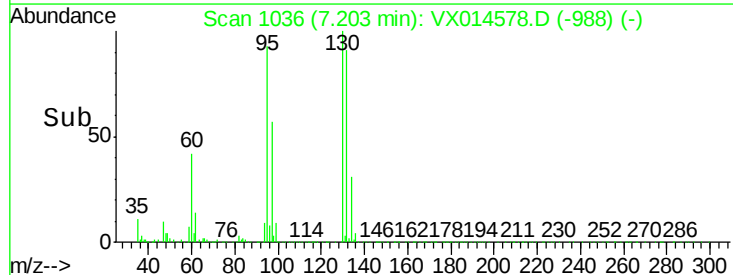
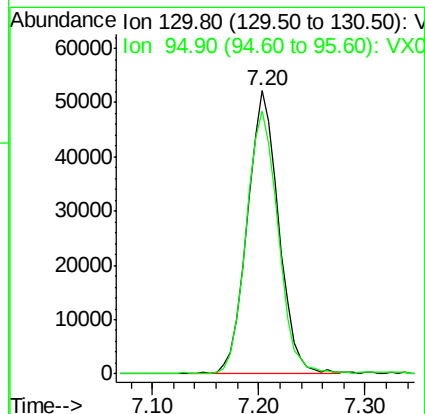
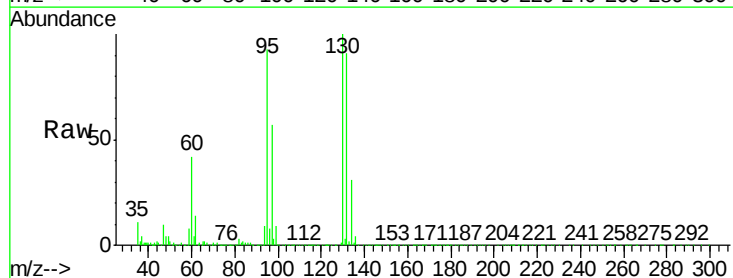
Tgt Ion: 43 Resp: 230059
 Ion Ratio Lower Upper
 43 100
 61 19.8 16.6 24.8
 87 13.5 10.8 16.2

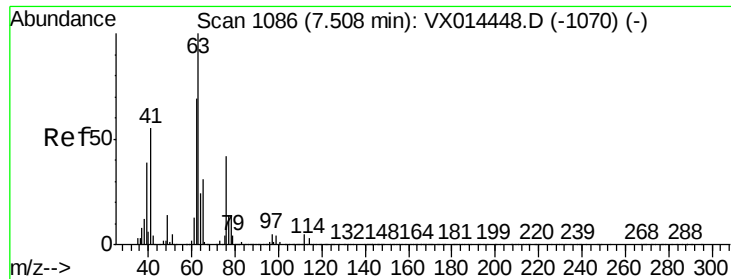


#44

Trichloroethene
 Concen: 19.353 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion: 130 Resp: 108175
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 184.2





#45

1,2-Dichloropropane

Concen: 20.599 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

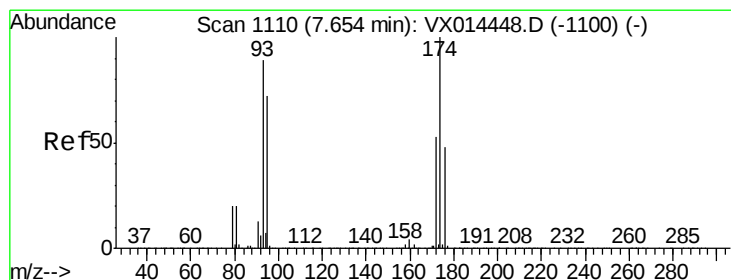
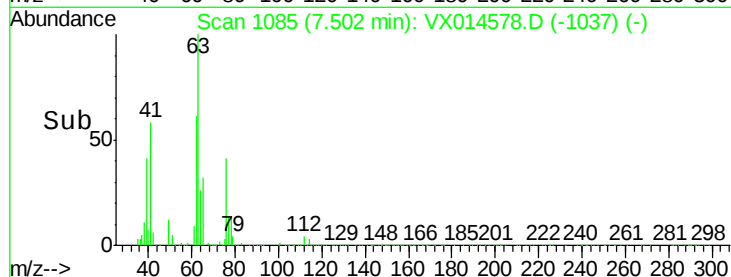
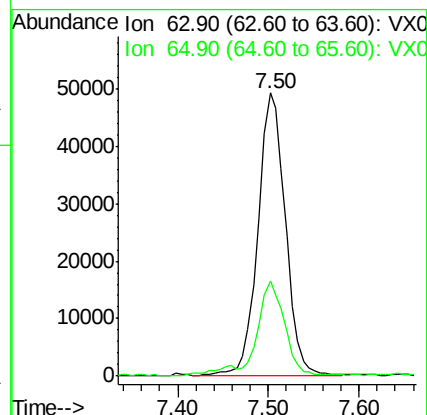
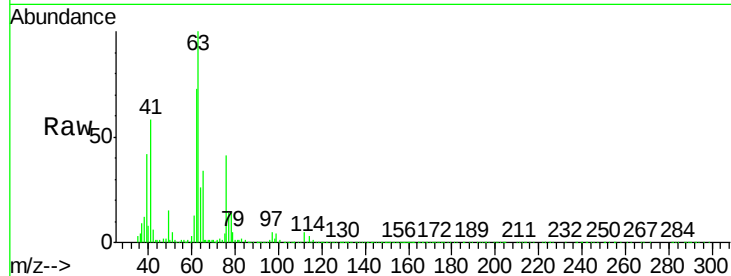
VX0113WBS01

Tgt Ion: 63 Resp: 102146

Ion Ratio Lower Upper

63 100

65 33.1 24.8 37.2



#46

Dibromomethane

Concen: 18.707 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

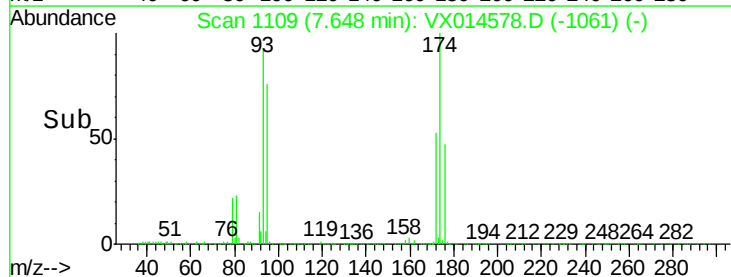
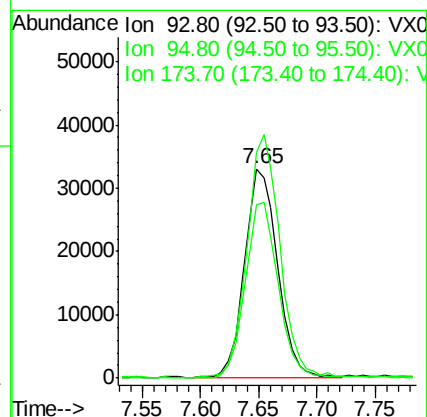
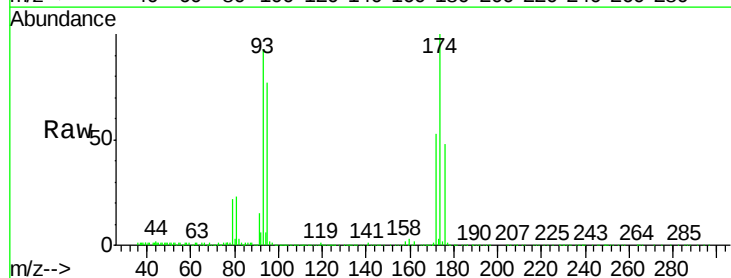
Tgt Ion: 93 Resp: 64744

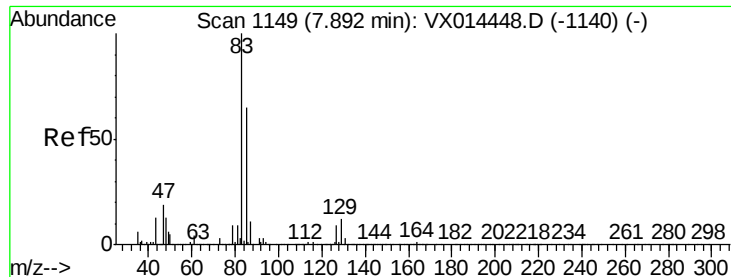
Ion Ratio Lower Upper

93 100

95 84.5 65.4 98.2

174 116.7 93.0 139.4





#47

Bromodichloromethane

Concen: 20.195 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

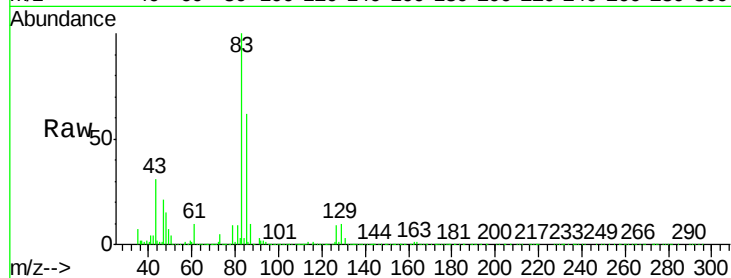
Tgt Ion: 83 Resp: 127183

Ion Ratio Lower Upper

83 100

85 61.8 51.7 77.5

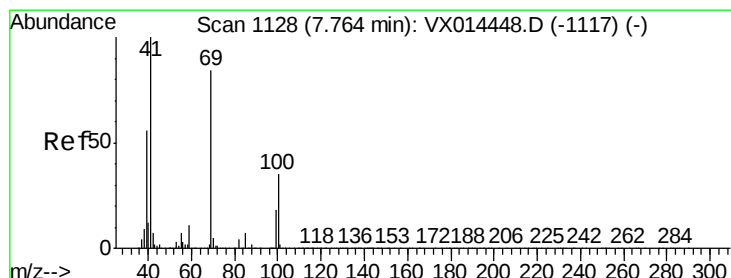
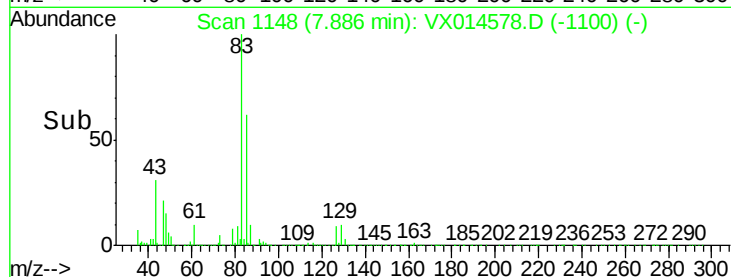
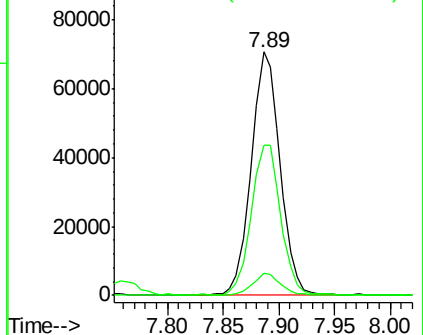
127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.315 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

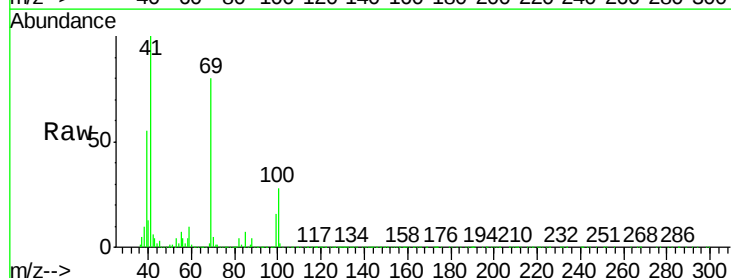
Tgt Ion: 41 Resp: 111882

Ion Ratio Lower Upper

41 100

69 81.1 65.5 98.3

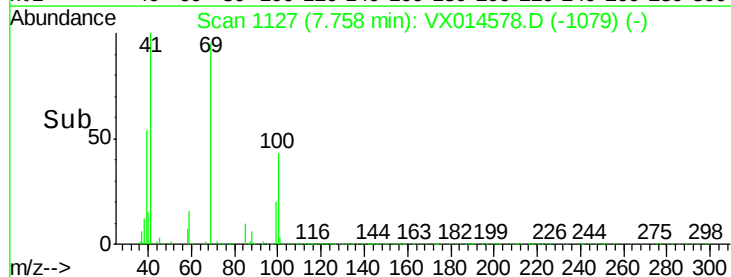
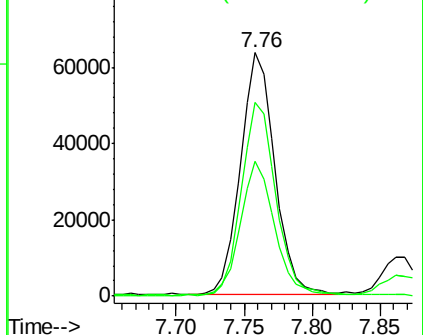
39 54.5 43.9 65.9

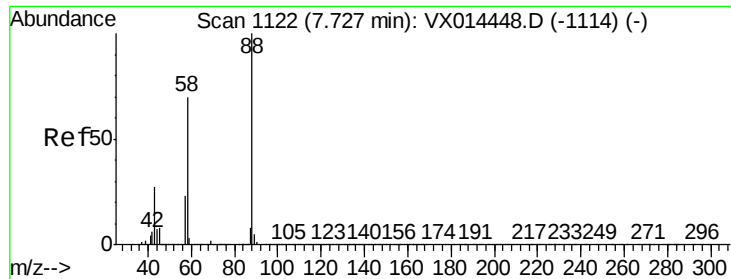


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

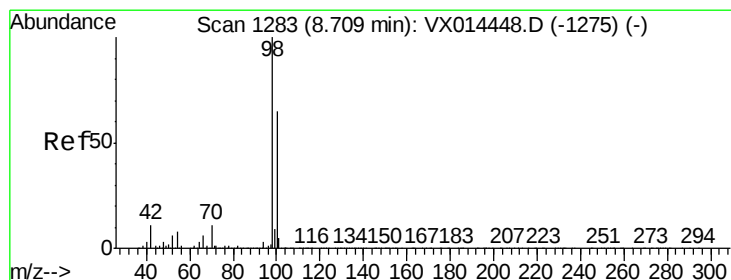
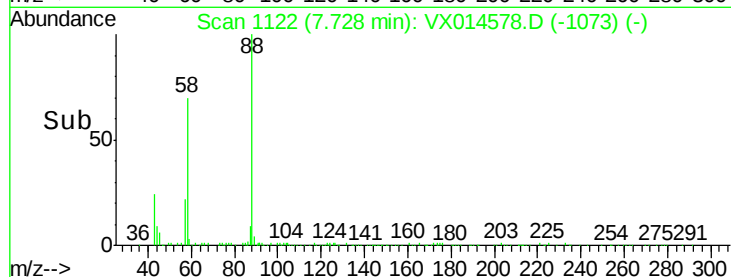
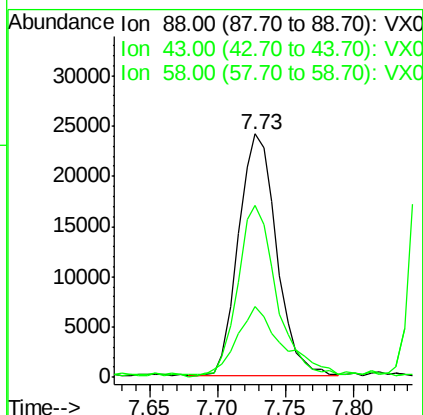
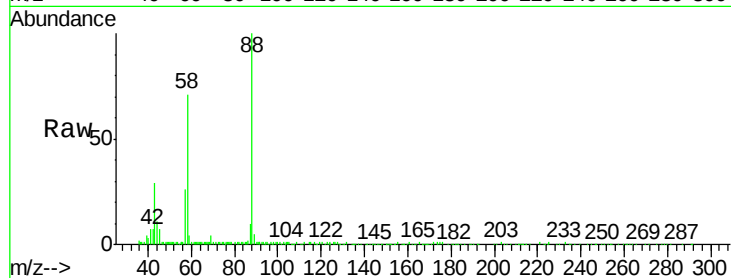




#49
1,4-Dioxane
Concen: 404.726 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

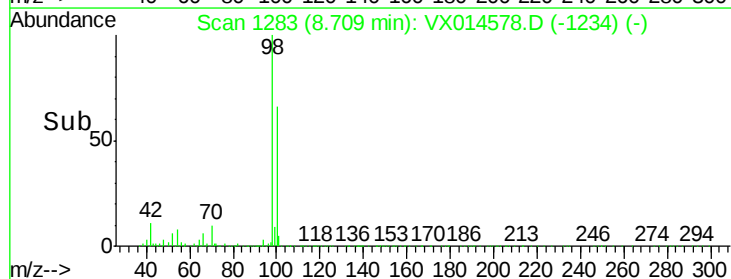
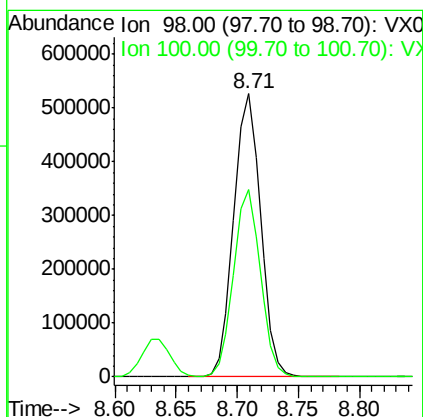
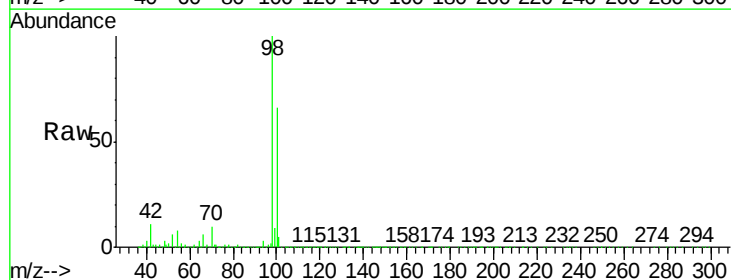
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

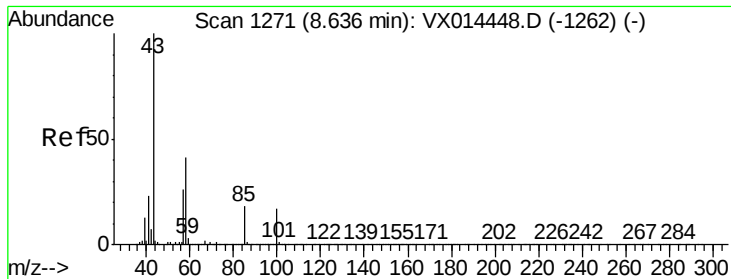
Tgt Ion: 88 Resp: 47230
Ion Ratio Lower Upper
88 100
43 32.7 27.4 41.0
58 73.0 57.1 85.7



#50
Toluene-d8
Concen: 49.022 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 98 Resp: 802487
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

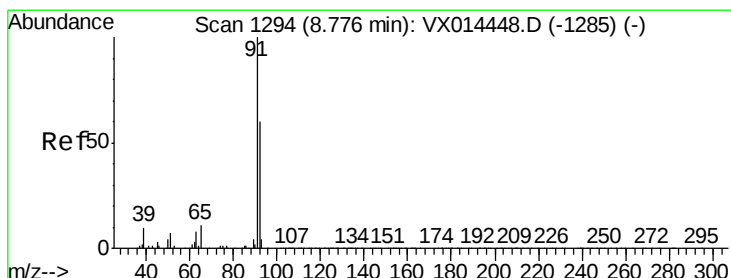
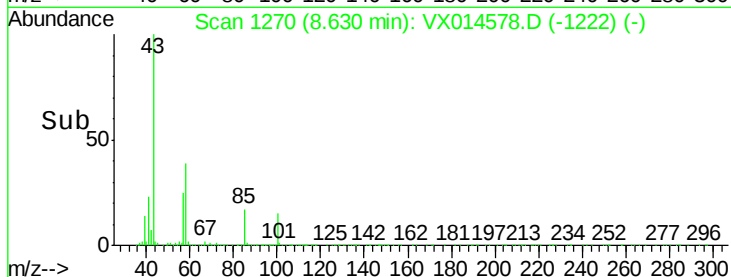
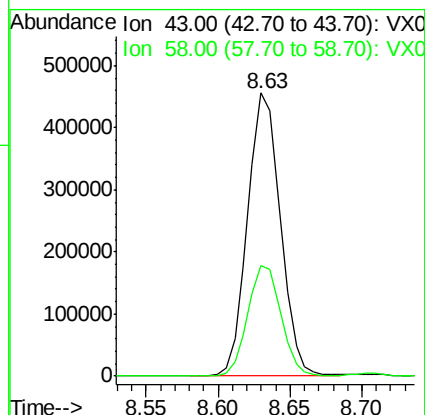
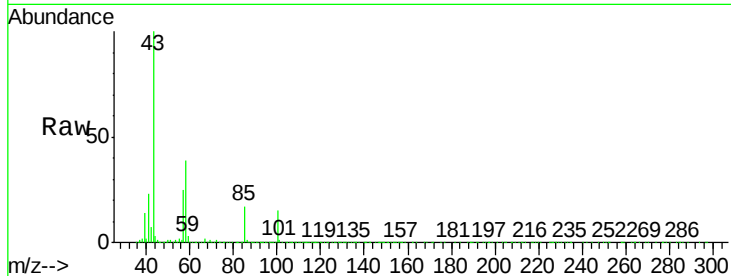




#51
 4-Methyl-2-Pentanone
 Concen: 102.641 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

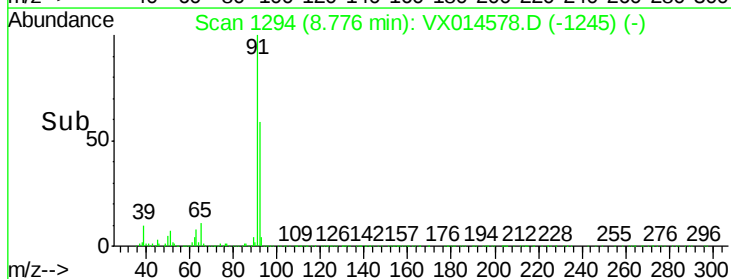
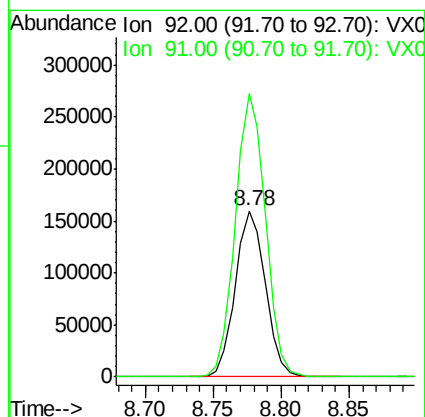
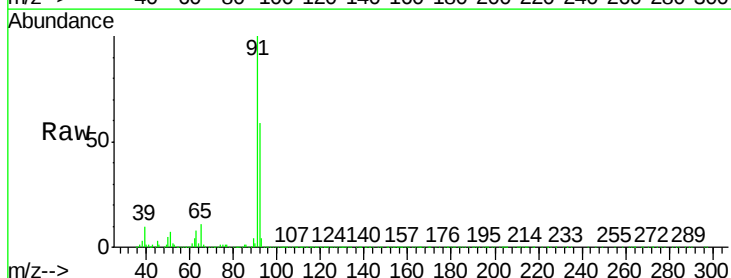
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

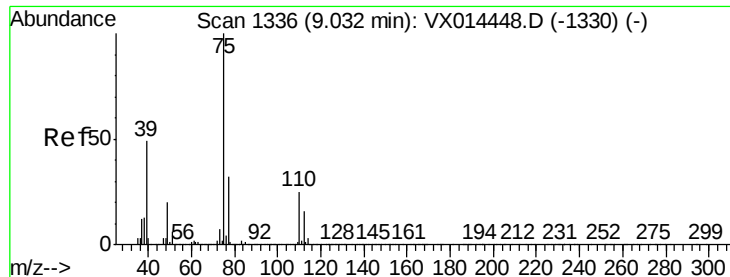
Tgt Ion: 43 Resp: 719219
 Ion Ratio Lower Upper
 43 100
 58 39.5 32.4 48.6



#52
 Toluene
 Concen: 19.678 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion: 92 Resp: 245006
 Ion Ratio Lower Upper
 92 100
 91 171.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.161 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

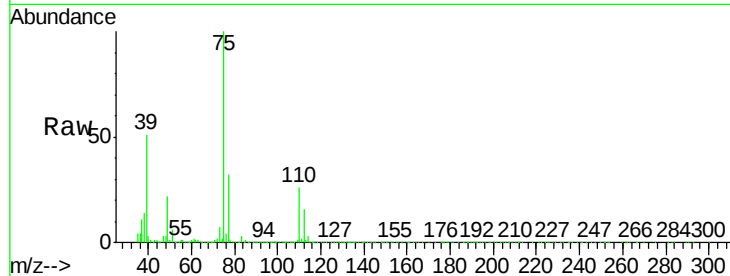
VX0113WBS01

Tgt Ion: 75 Resp: 140490

Ion Ratio Lower Upper

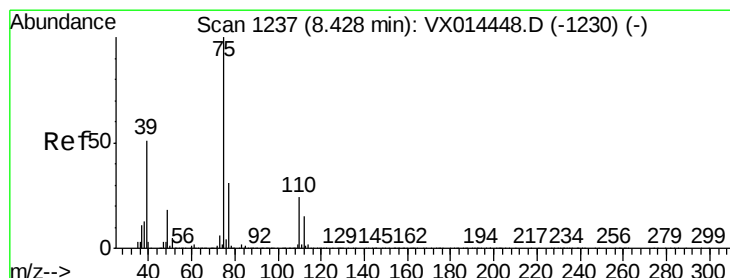
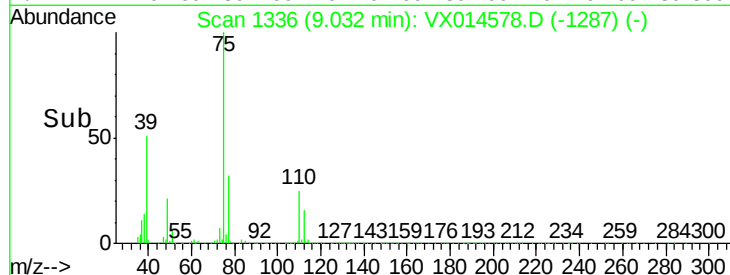
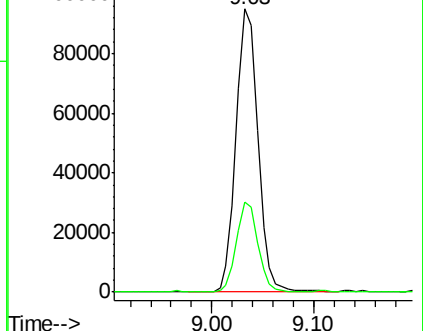
75 100

77 31.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.981 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

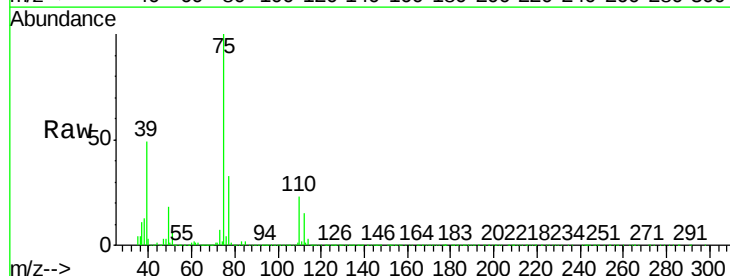
Tgt Ion: 75 Resp: 158256

Ion Ratio Lower Upper

75 100

77 33.0 25.0 37.4

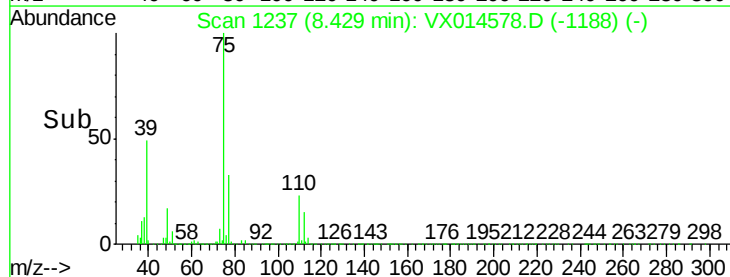
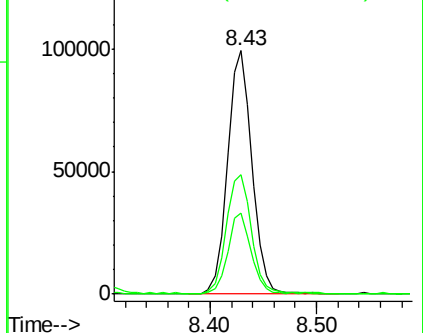
39 49.1 40.7 61.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.940 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0113WBS01

Tgt Ion: 97 Resp: 99719

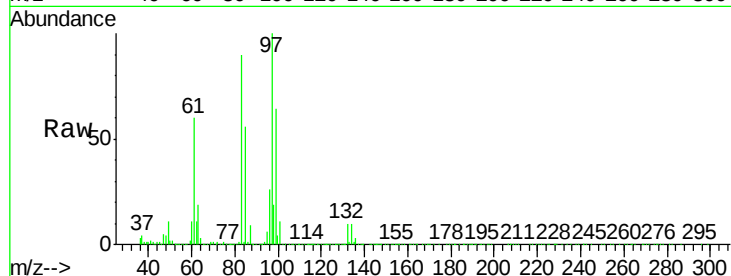
Ion Ratio Lower Upper

97 100

83 89.9 66.4 99.6

85 55.8 43.4 65.2

99 64.1 49.6 74.4

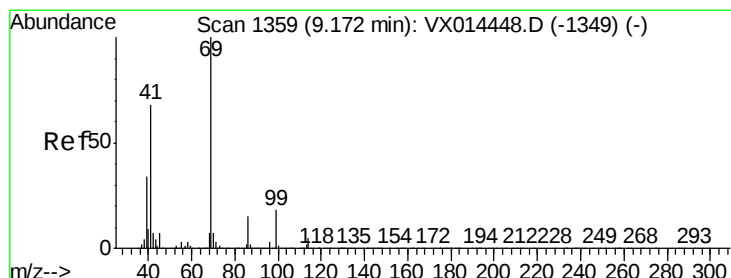
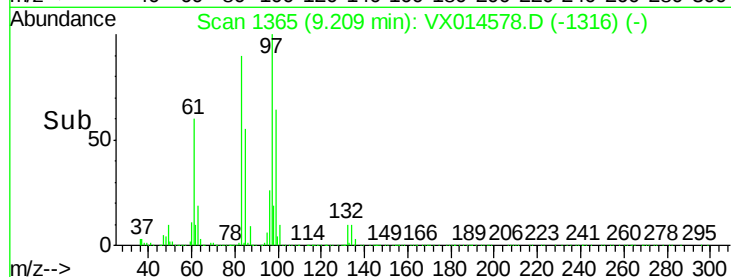
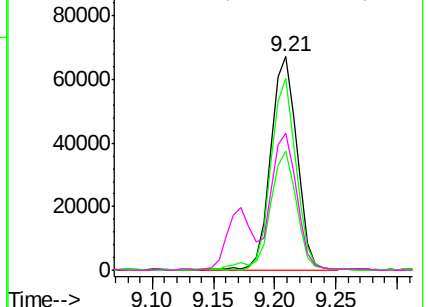


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.975 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

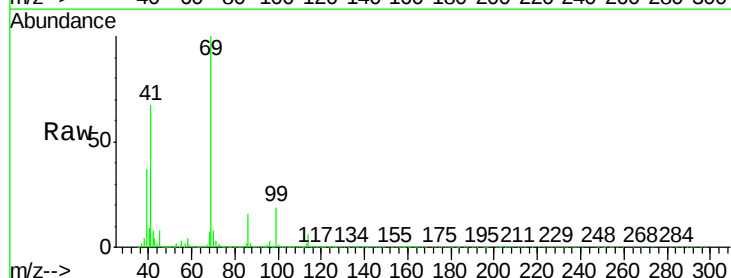
Tgt Ion: 69 Resp: 153041

Ion Ratio Lower Upper

69 100

41 67.4 54.2 81.2

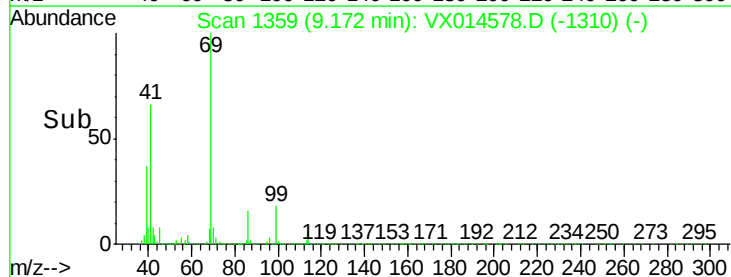
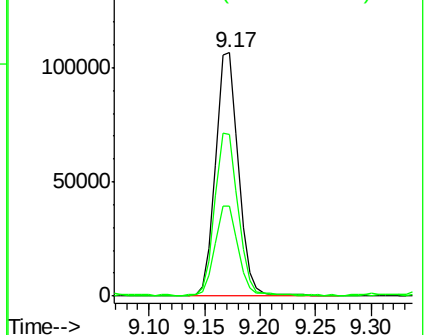
39 38.8 28.2 42.2

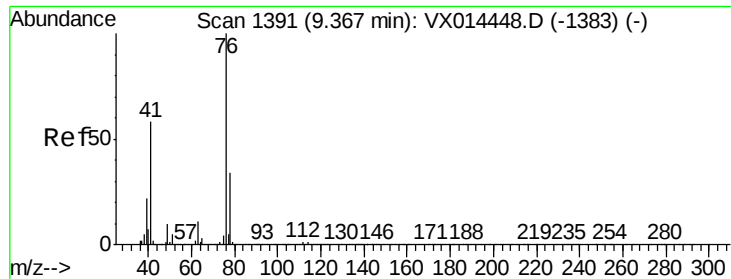


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.145 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

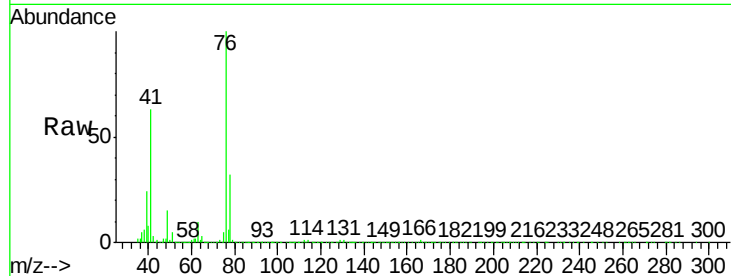
VX0113WBS01

Tgt Ion: 76 Resp: 168450

Ion Ratio Lower Upper

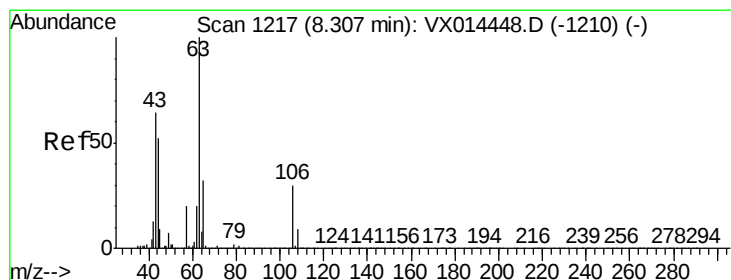
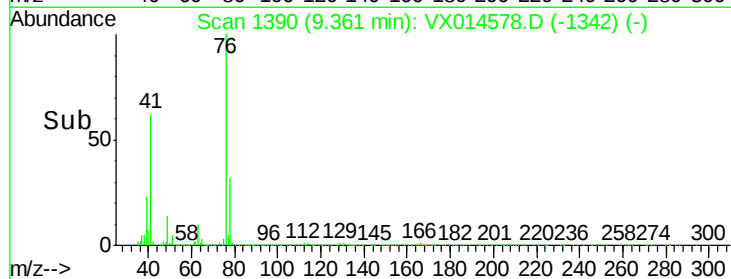
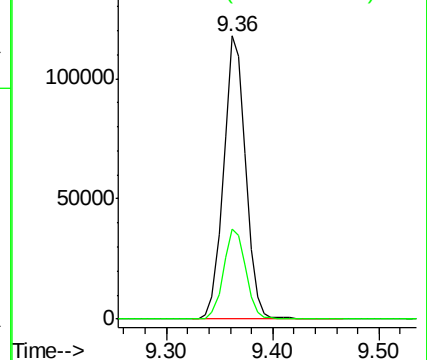
76 100

78 32.5 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.032 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014578.D

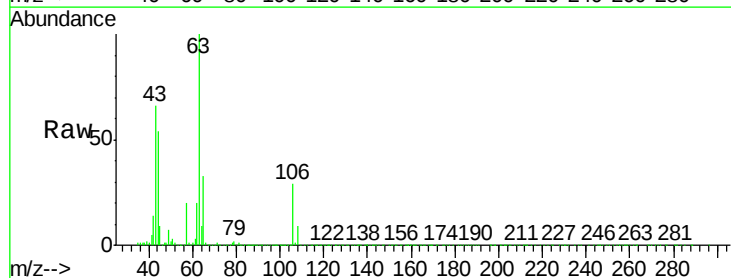
Acq: 13 Jan 2020 11:47

Tgt Ion: 63 Resp: 260764

Ion Ratio Lower Upper

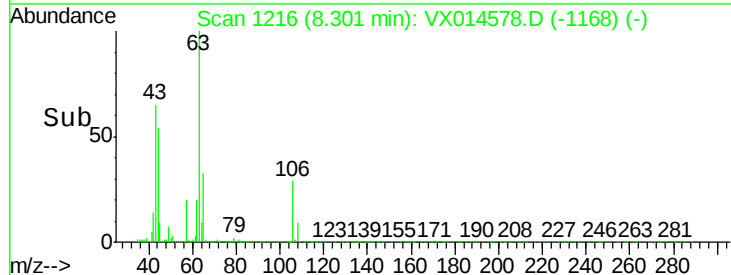
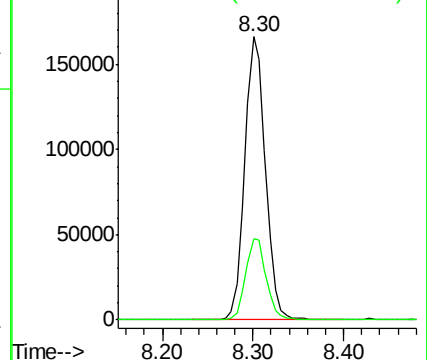
63 100

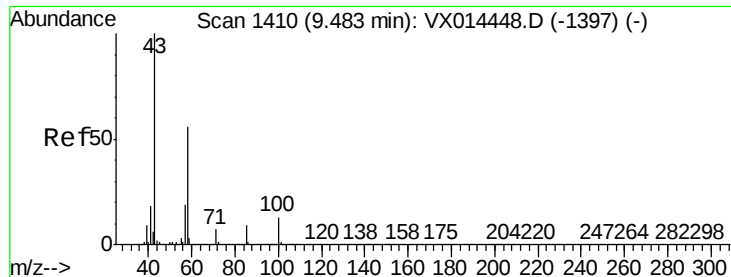
106 29.0 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

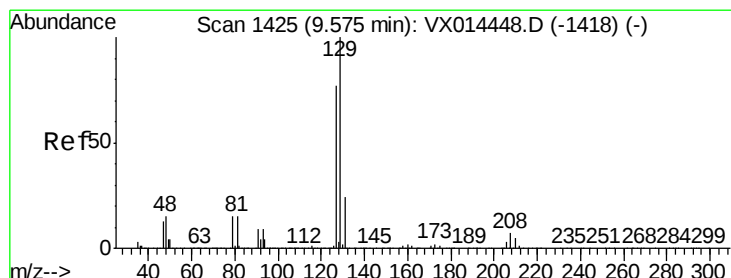
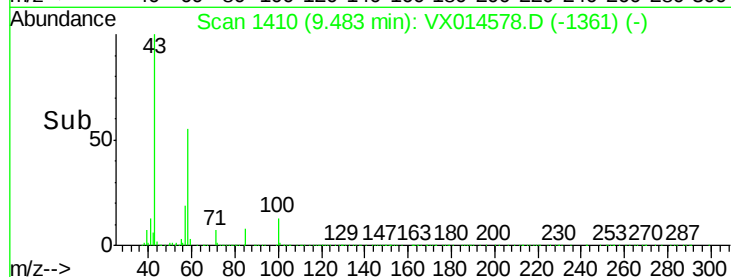
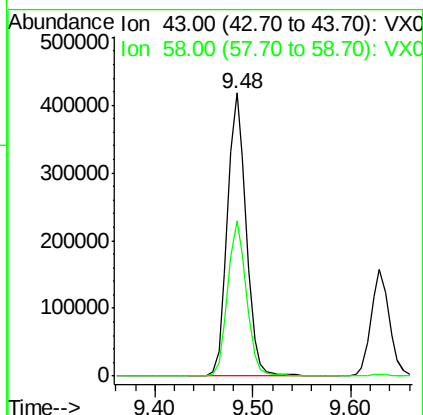
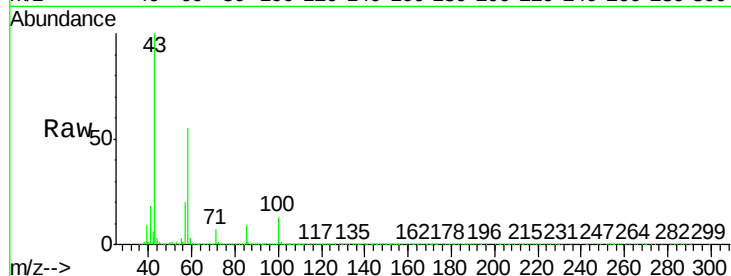




#59
2-Hexanone
Concen: 100.127 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

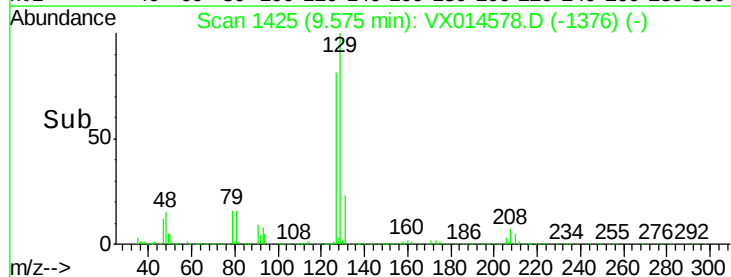
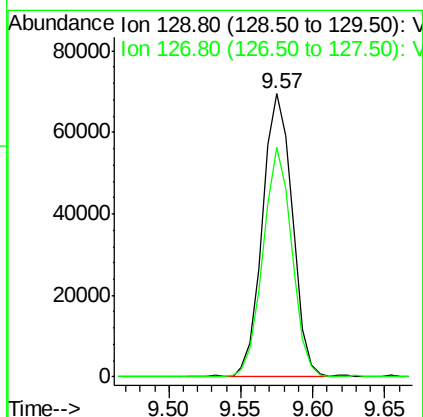
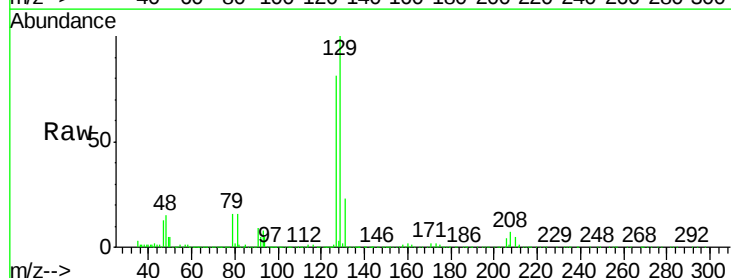
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

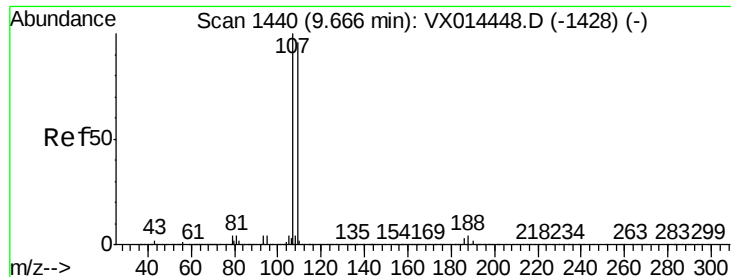
Tgt Ion: 43 Resp: 555141
Ion Ratio Lower Upper
43 100
58 55.0 27.9 83.7



#60
Dibromochloromethane
Concen: 19.864 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 129 Resp: 99847
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.674 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

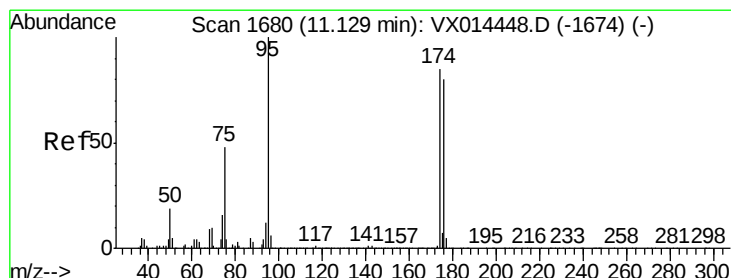
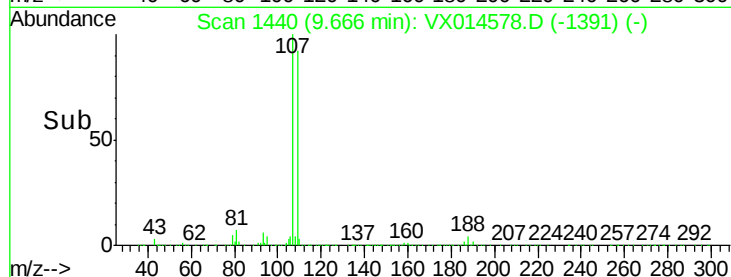
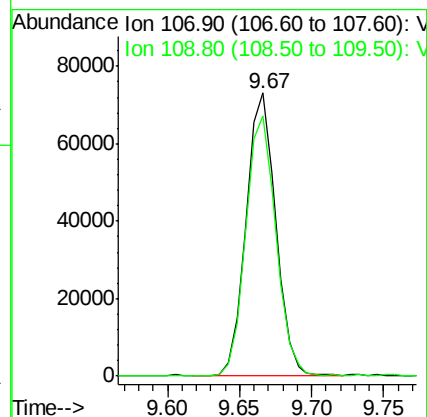
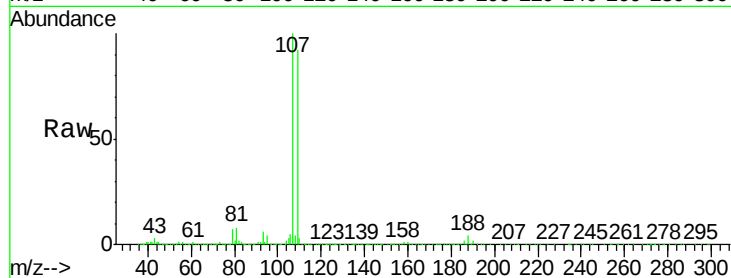
VX0113WBS01

Tgt Ion: 107 Resp: 104222

Ion Ratio Lower Upper

107 100

109 93.5 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 46.768 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

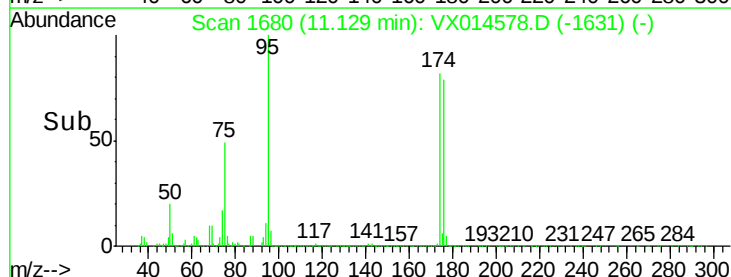
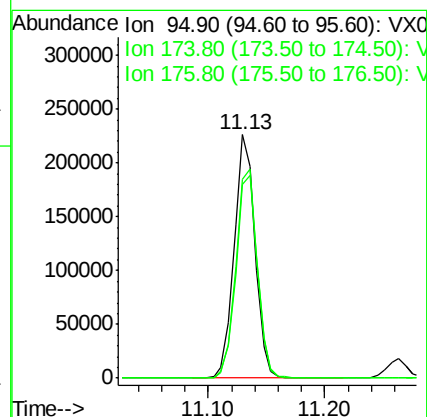
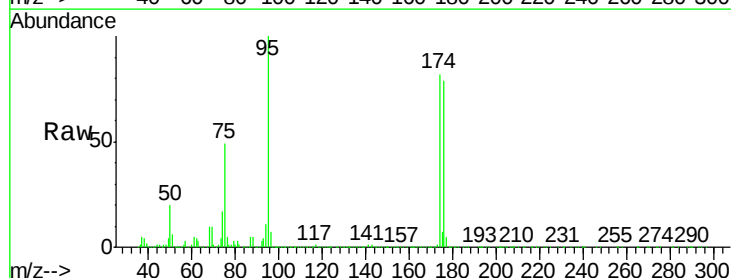
Tgt Ion: 95 Resp: 281062

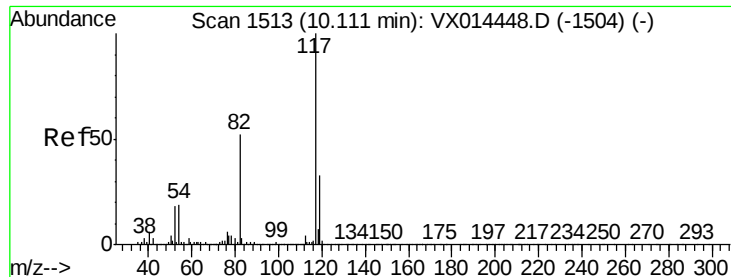
Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.8

176 86.4 0.0 172.8

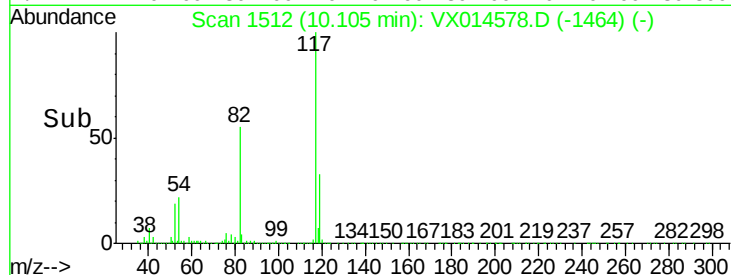
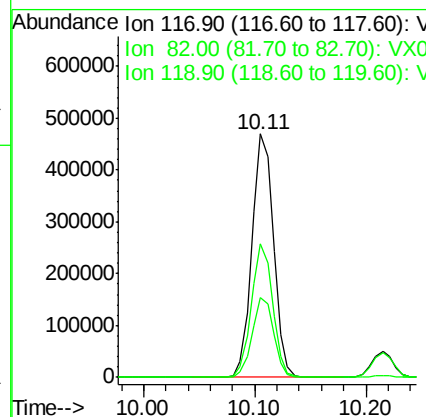
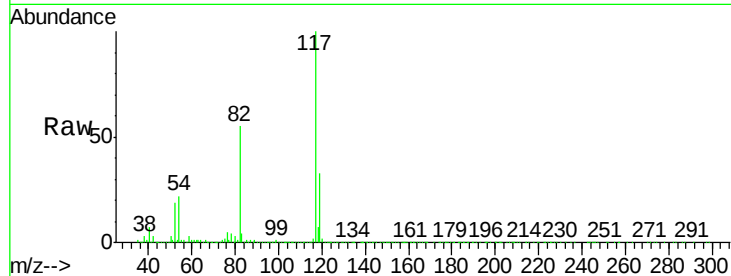




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

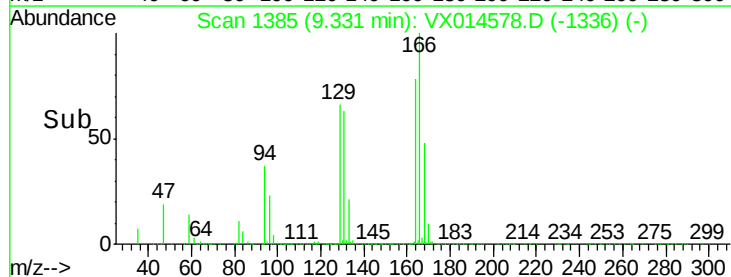
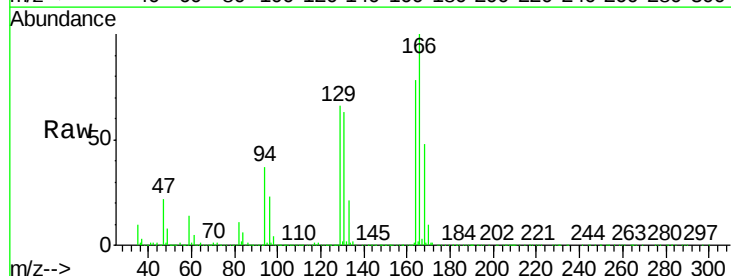
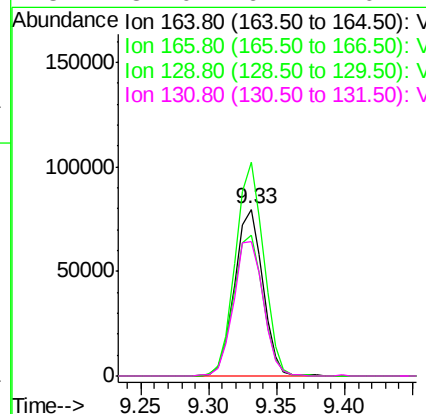
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

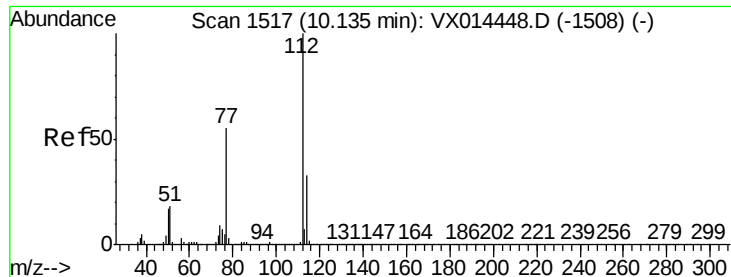
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.8	62.6
119	32.6	26.2	39.4



#64
Tetrachloroethene
Concen: 18.225 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.2	151.8
129	84.6	68.3	102.5
131	81.0	67.4	101.2





#65

Chlorobenzene

Concen: 19.289 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

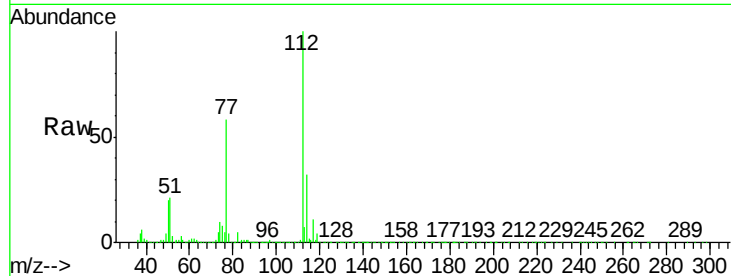
VX0113WBS01

Tgt Ion:112 Resp: 265192

Ion Ratio Lower Upper

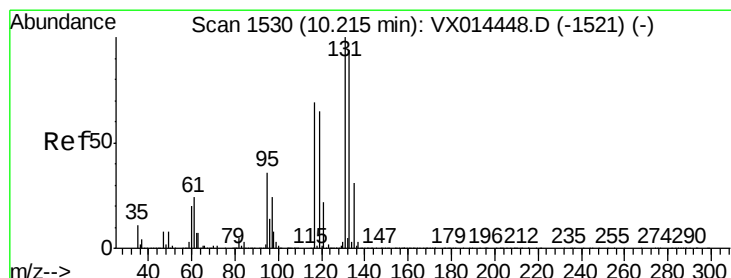
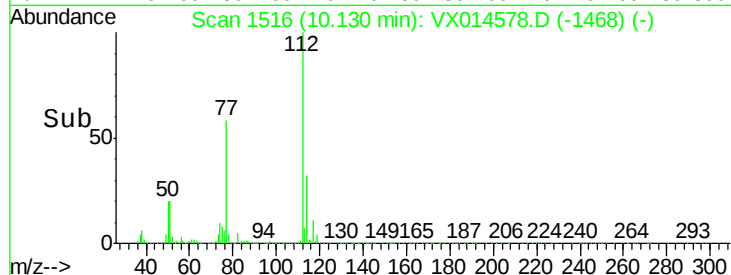
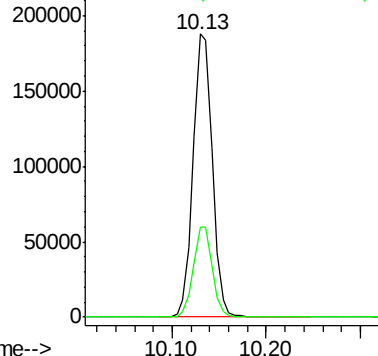
112 100

114 32.0 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.589 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

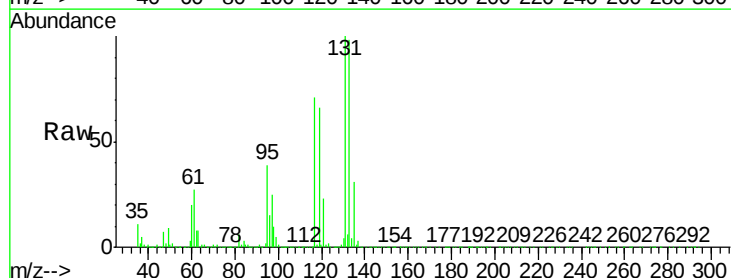
Tgt Ion:131 Resp: 96112

Ion Ratio Lower Upper

131 100

133 97.3 47.3 142.0

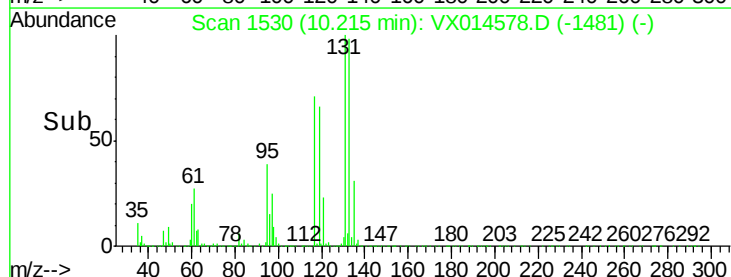
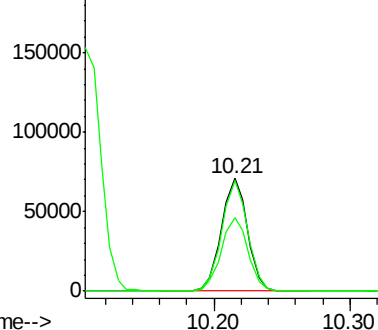
119 67.3 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.932 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

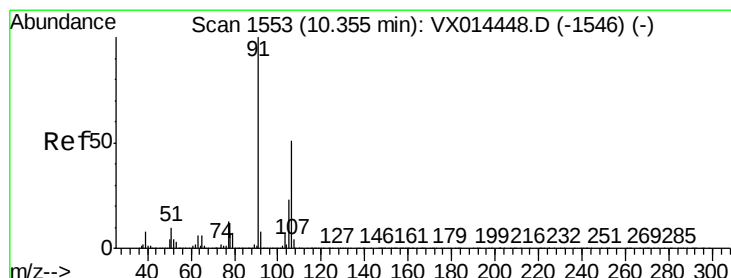
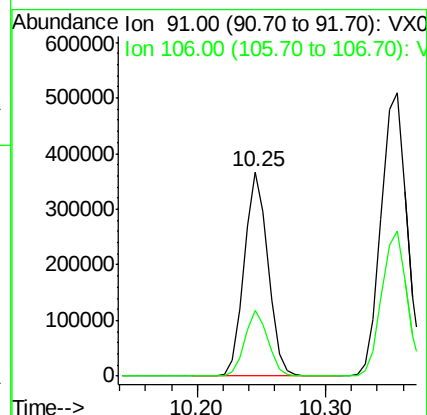
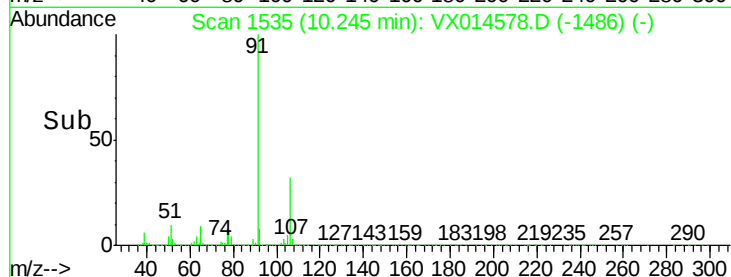
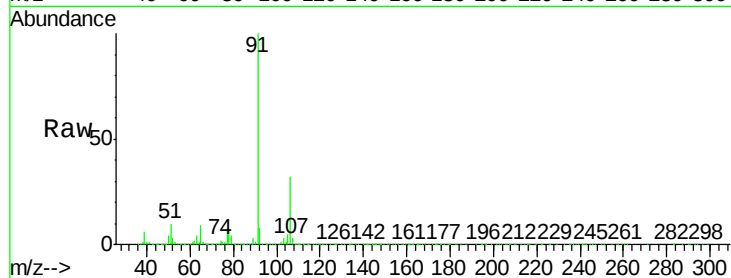
VX0113WBS01

Tgt Ion: 91 Resp: 467064

Ion Ratio Lower Upper

91 100

106 32.1 25.6 38.4



#68

m/p-Xylenes

Concen: 39.172 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014578.D

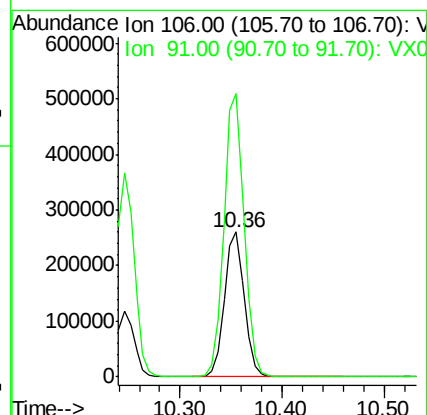
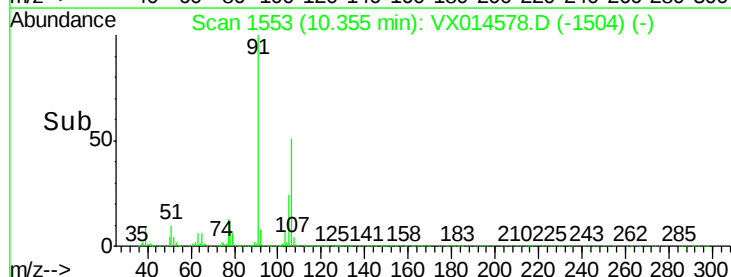
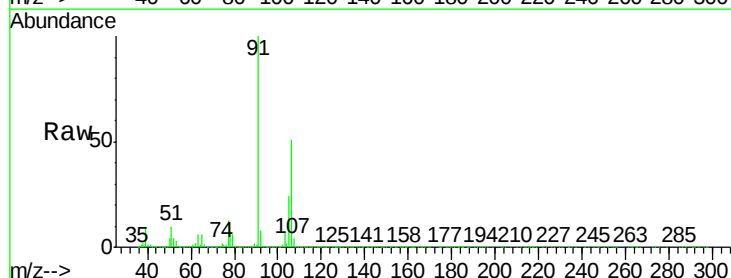
Acq: 13 Jan 2020 11:47

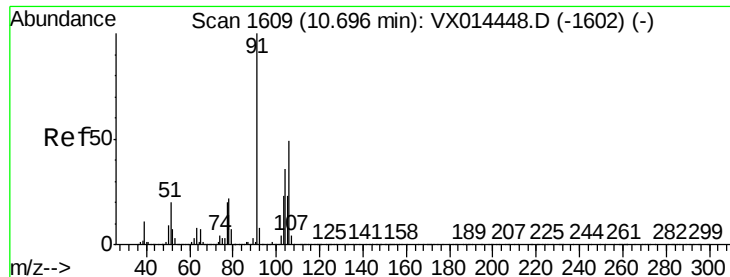
Tgt Ion: 106 Resp: 354125

Ion Ratio Lower Upper

106 100

91 198.5 157.4 236.0

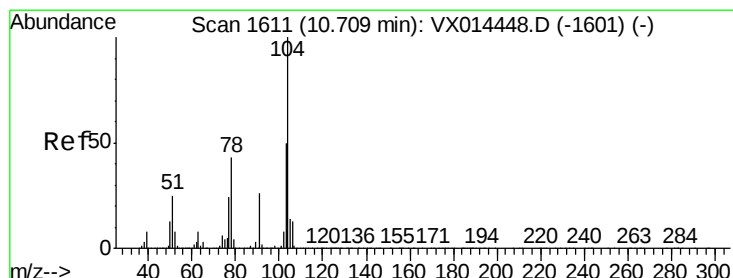
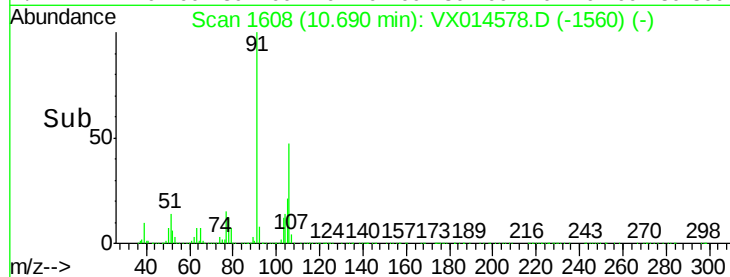
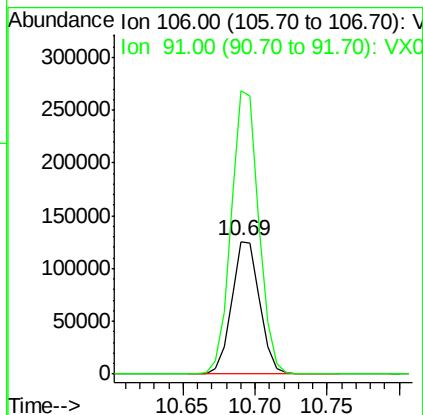
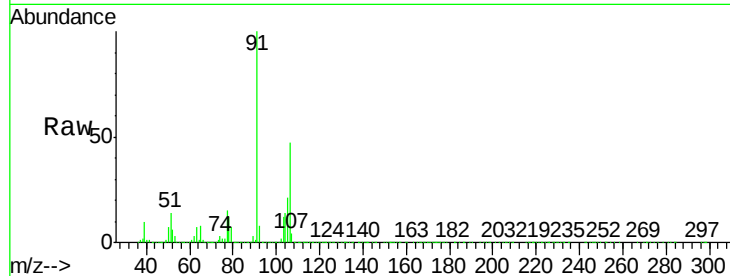




#69
o-Xylene
Concen: 19.729 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

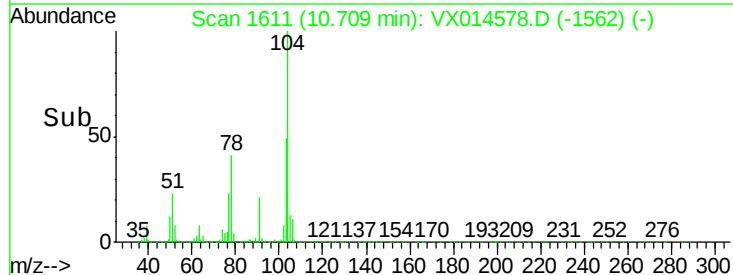
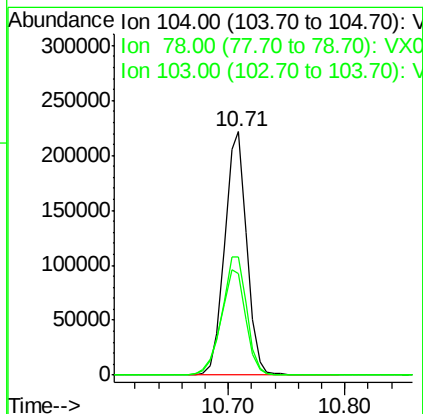
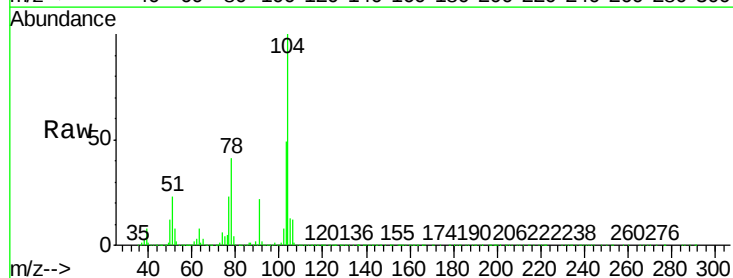
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

Tgt Ion:106 Resp: 170176
Ion Ratio Lower Upper
106 100
91 211.2 105.1 315.1



#70
Styrene
Concen: 19.447 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion:104 Resp: 289484
Ion Ratio Lower Upper
104 100
78 48.3 38.6 58.0
103 54.4 43.7 65.5





#71

Bromoform

Concen: 18.682 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

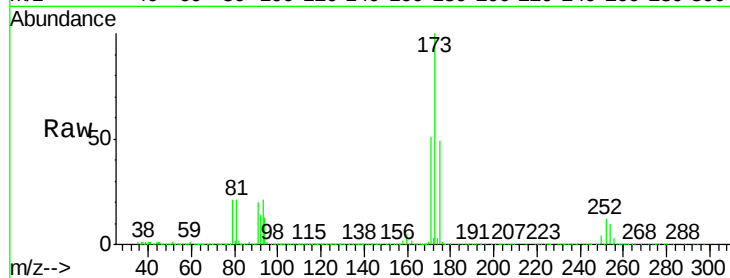
Tgt Ion:173 Resp: 74993

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.8

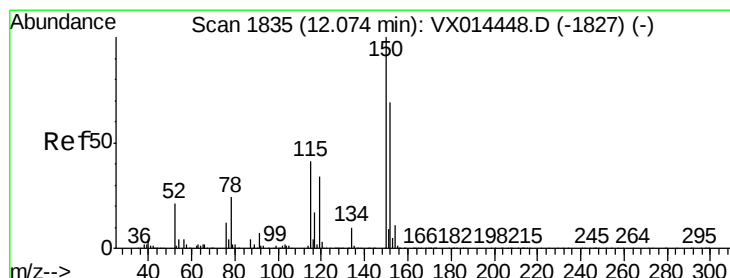
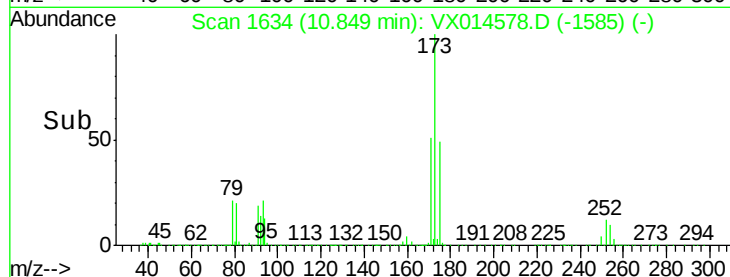
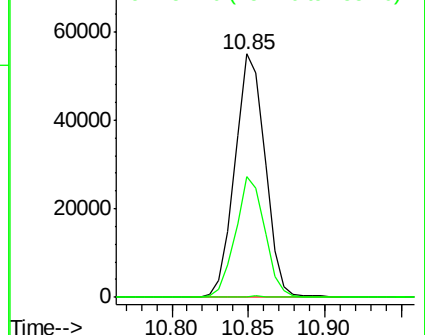
254 0.3 0.2 0.2#



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: VX014578.D

Acq: 13 Jan 2020 11:47

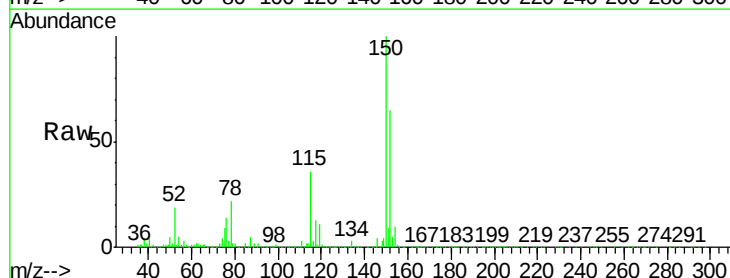
Tgt Ion:152 Resp: 316754

Ion Ratio Lower Upper

152 100

115 64.7 39.5 118.3

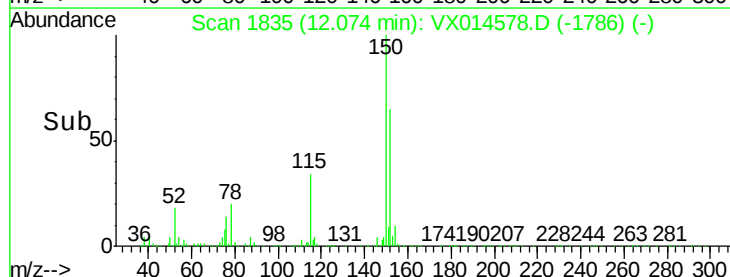
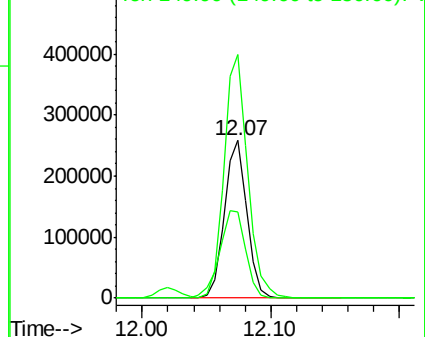
150 162.6 0.0 350.2

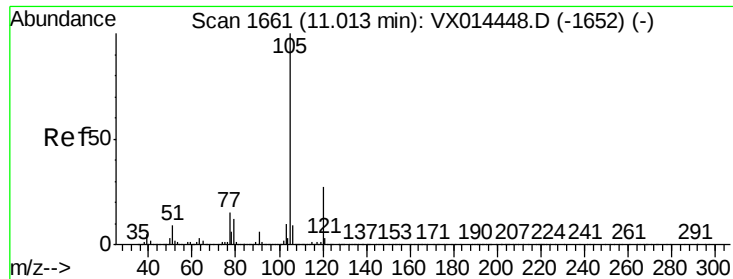


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.507 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

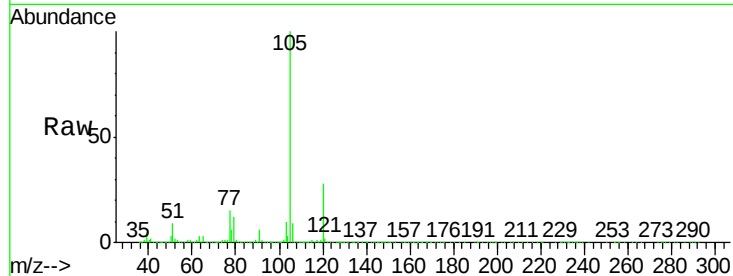
VX0113WBS01

Tgt Ion: 105 Resp: 456143

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

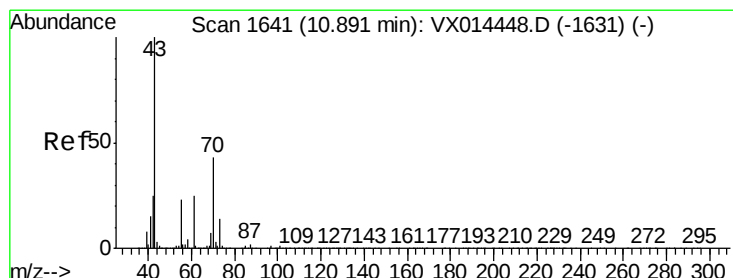
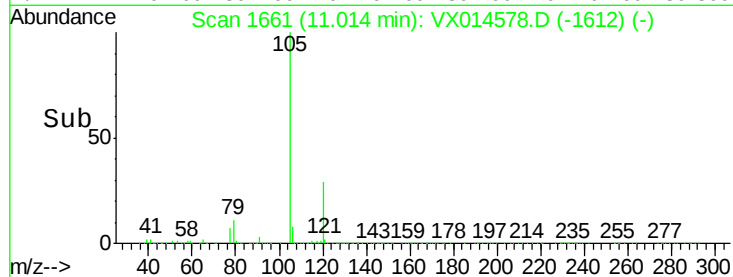
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.583 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Tgt Ion: 43 Resp: 192173

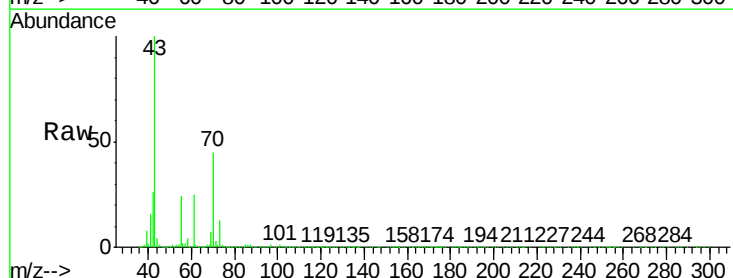
Ion Ratio Lower Upper

43 100

70 43.5 35.1 52.7

55 23.5 19.3 28.9

61 24.1 20.0 30.0



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

10.89

250000

200000

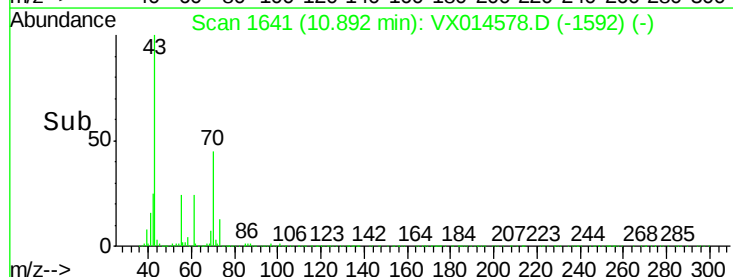
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.357 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0113WBS01

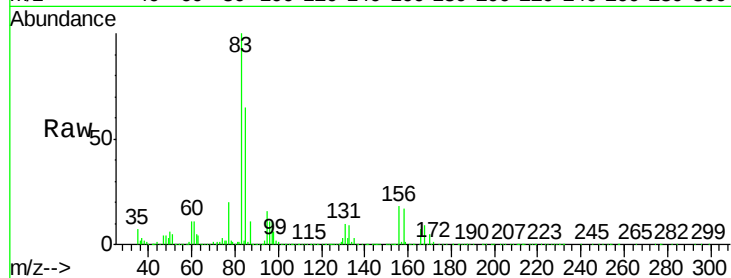
Tgt Ion: 83 Resp: 145208

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

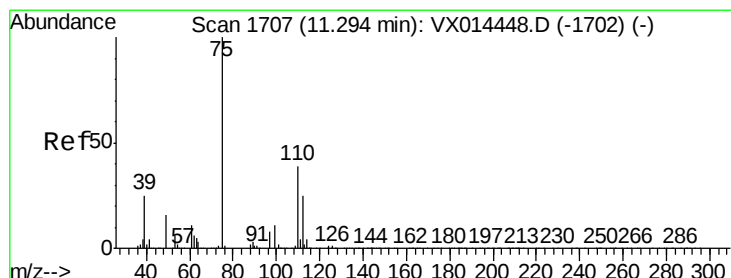
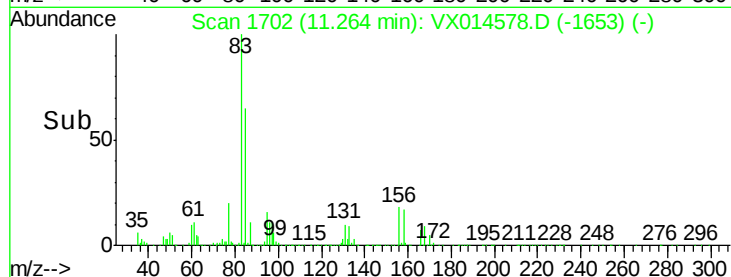
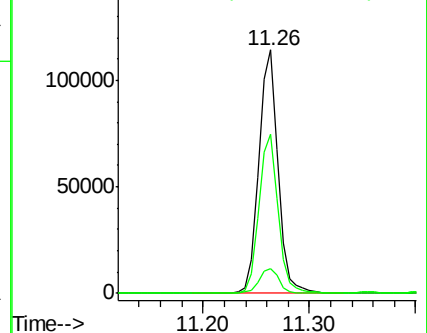
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.848 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014578.D

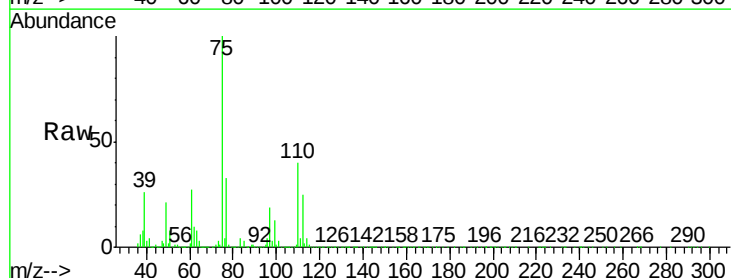
Acq: 13 Jan 2020 11:47

Tgt Ion: 75 Resp: 169403

Ion Ratio Lower Upper

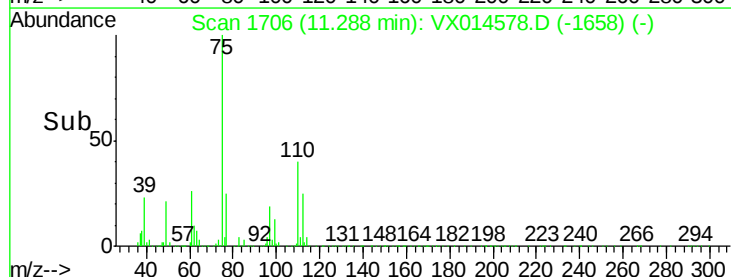
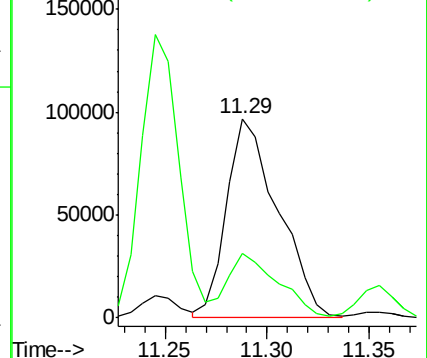
75 100

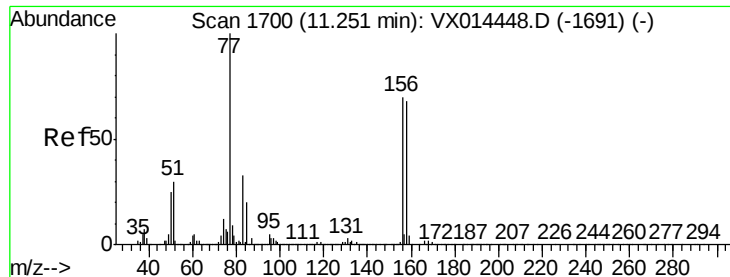
77 32.0 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.126 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

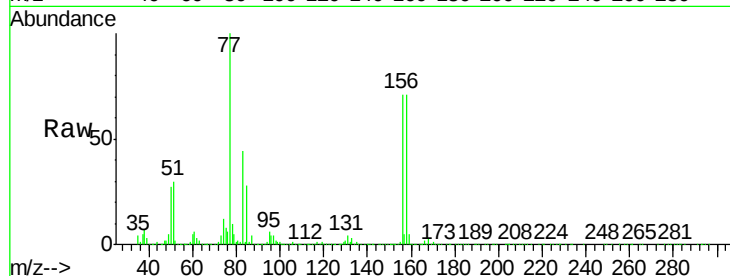
Tgt Ion: 156 Resp: 117977

Ion Ratio Lower Upper

156 100

77 150.4 75.4 226.3

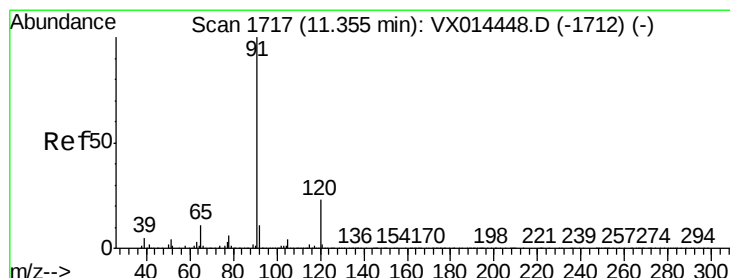
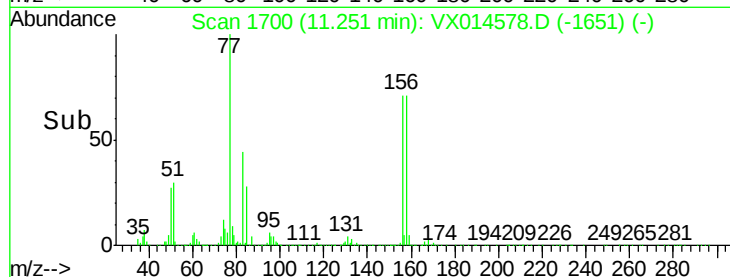
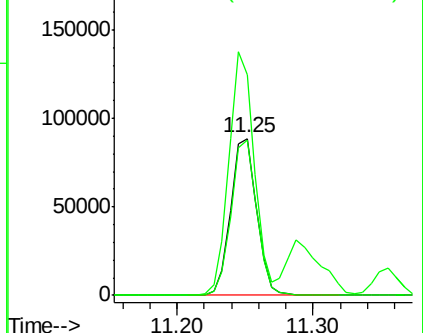
158 97.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.361 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014578.D

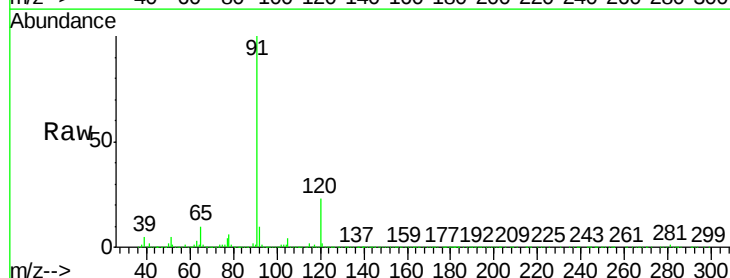
Acq: 13 Jan 2020 11:47

Tgt Ion: 91 Resp: 518664

Ion Ratio Lower Upper

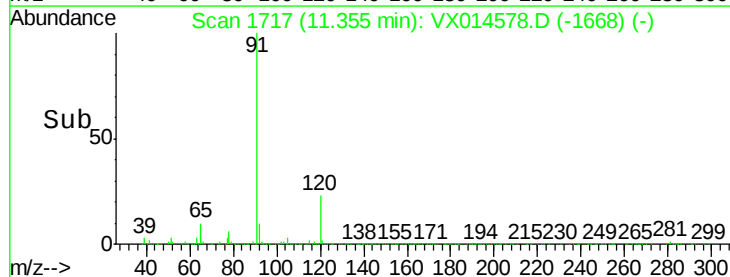
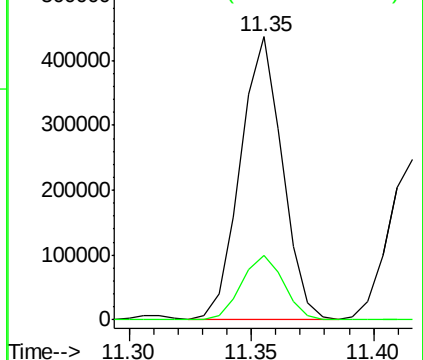
91 100

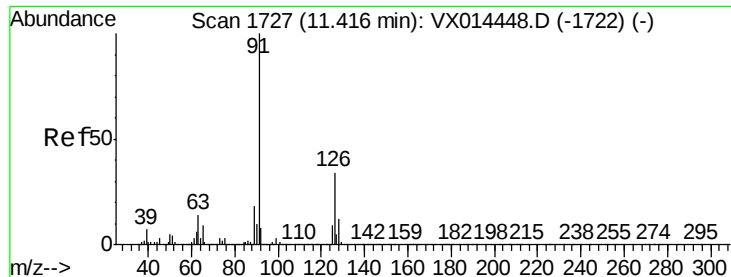
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

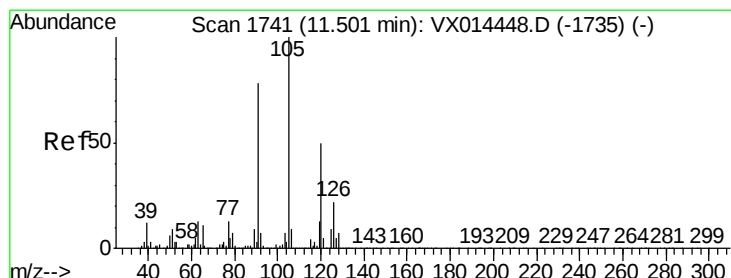
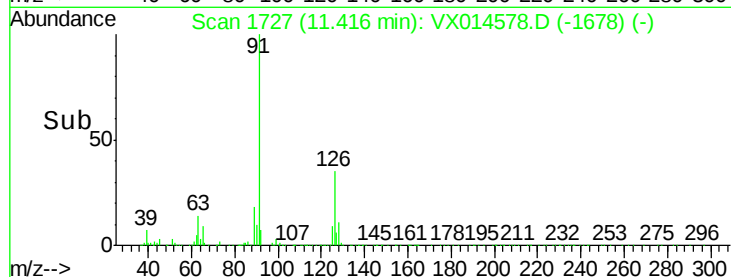
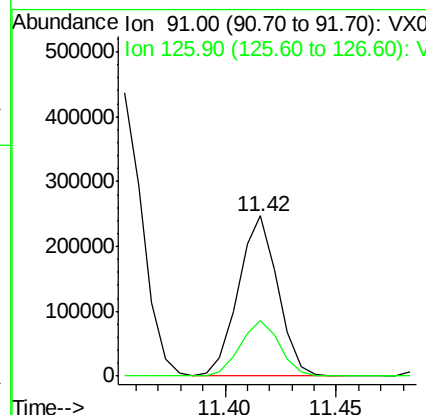
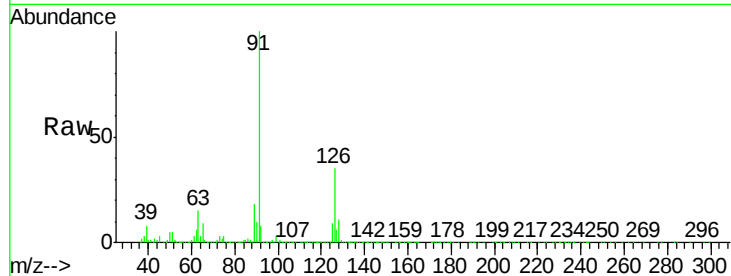




#79
2-Chlorotoluene
Concen: 19.898 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

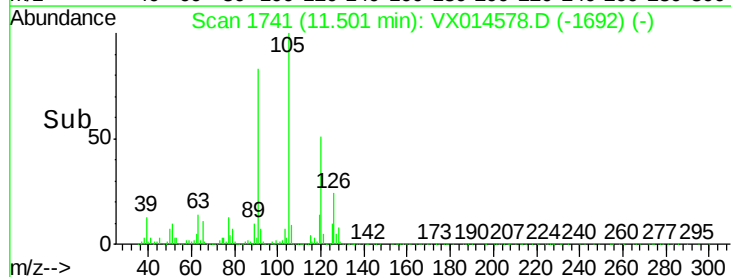
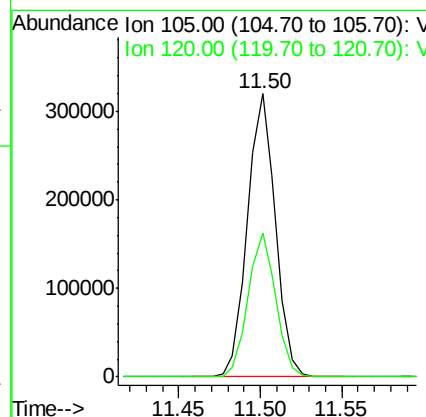
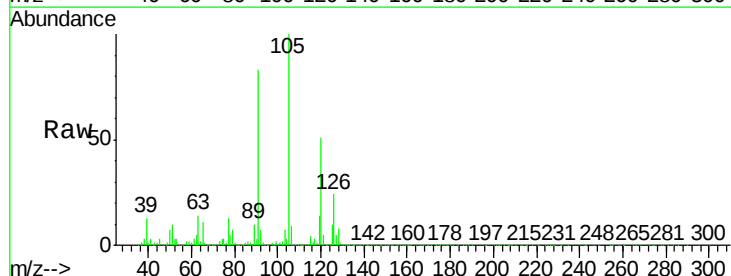
Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

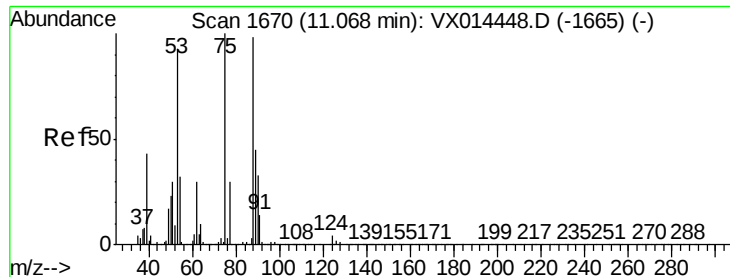
Tgt Ion: 91 Resp: 302100
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.629 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion: 105 Resp: 380954
Ion Ratio Lower Upper
105 100
120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.028 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0113WBS01

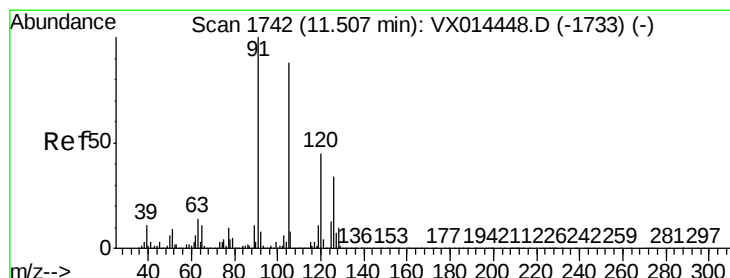
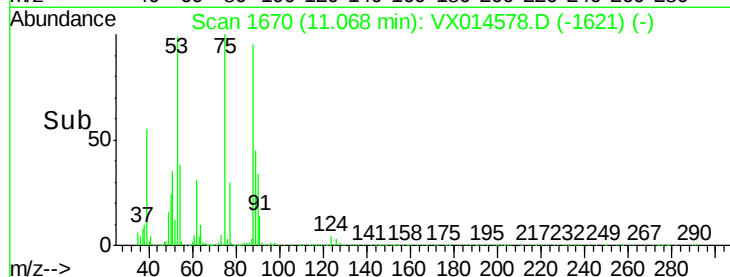
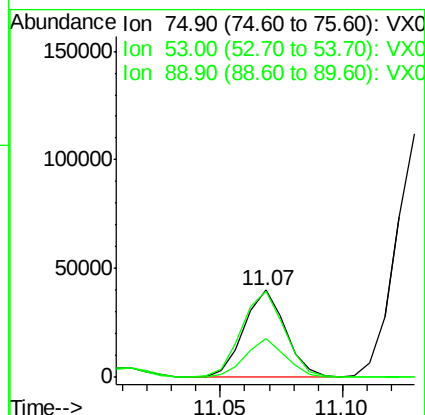
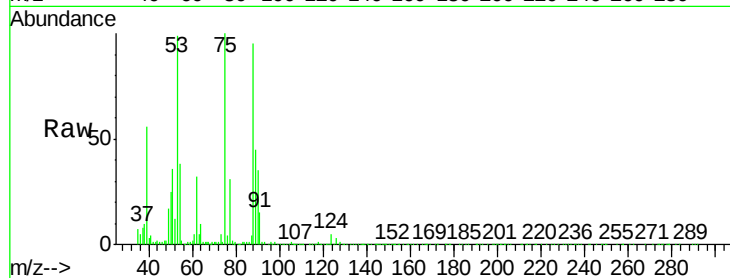
Tgt Ion: 75 Resp: 47168

Ion Ratio Lower Upper

75 100

53 101.5 74.8 112.2

89 44.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.767 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014578.D

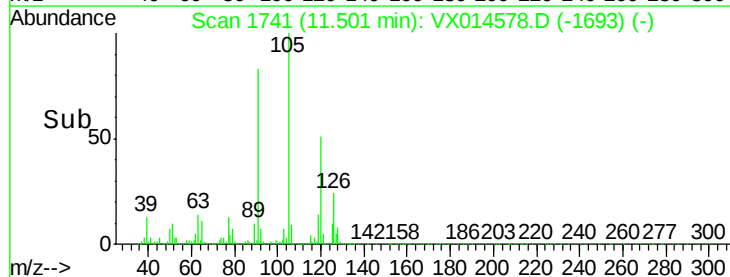
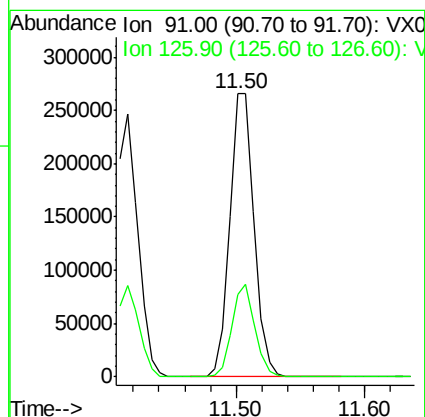
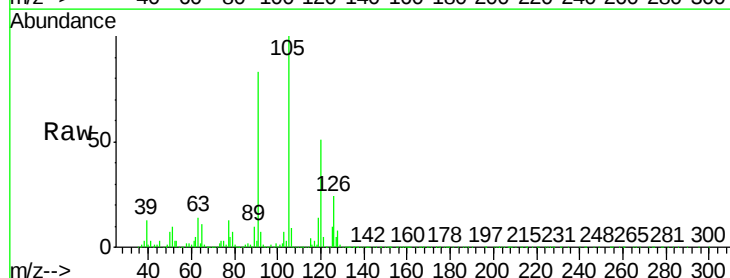
Acq: 13 Jan 2020 11:47

Tgt Ion: 91 Resp: 352259

Ion Ratio Lower Upper

91 100

126 30.7 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.402 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

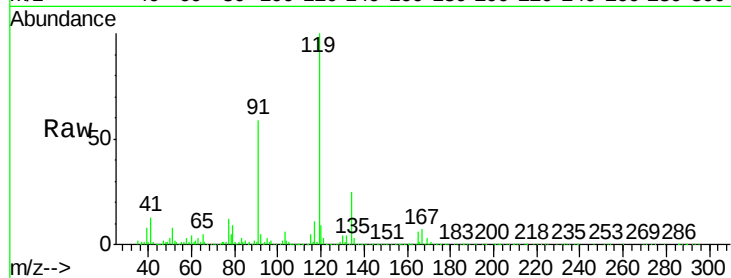
Tgt Ion:119 Resp: 355981

Ion Ratio Lower Upper

119 100

91 57.7 29.3 88.0

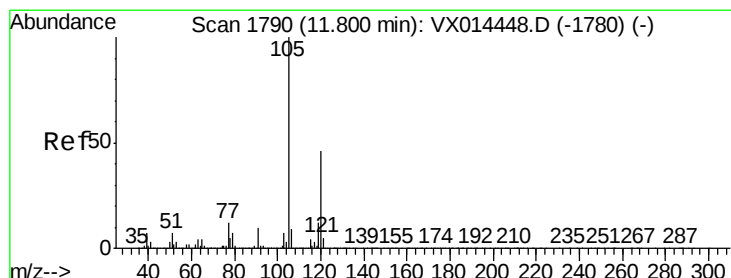
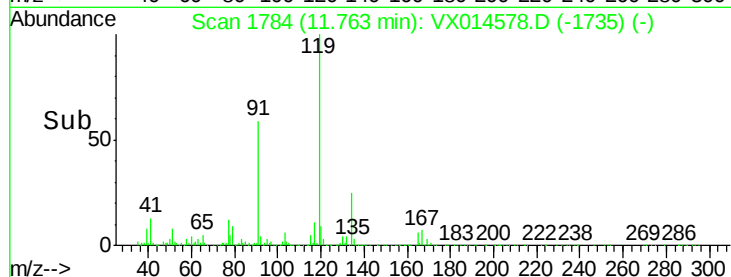
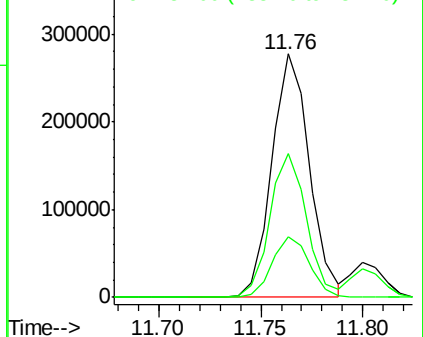
134 24.9 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.368 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014578.D

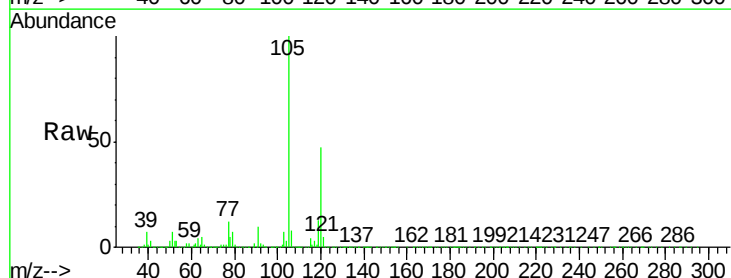
Acq: 13 Jan 2020 11:47

Tgt Ion:105 Resp: 380064

Ion Ratio Lower Upper

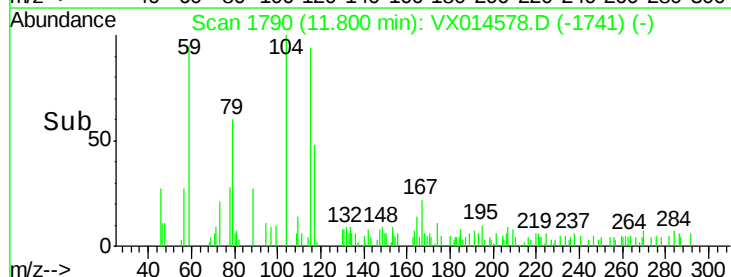
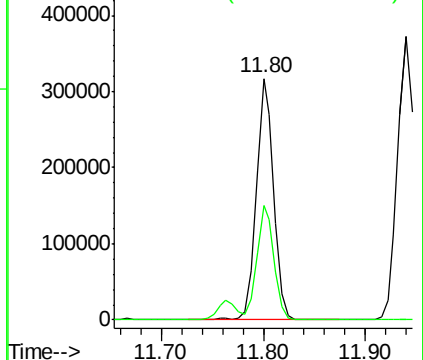
105 100

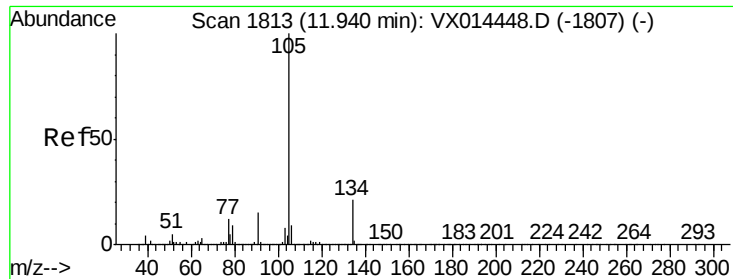
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

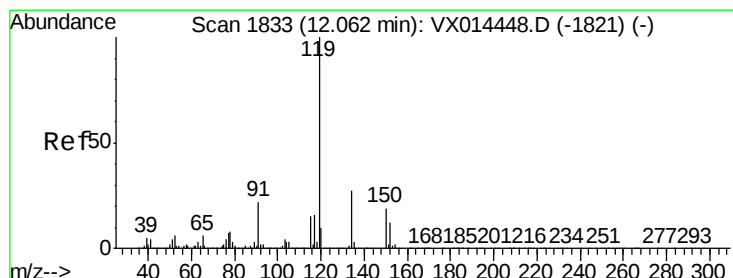
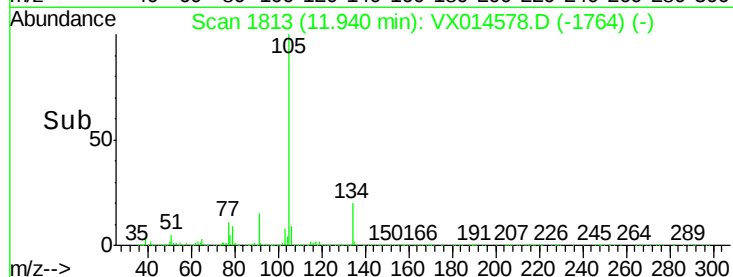
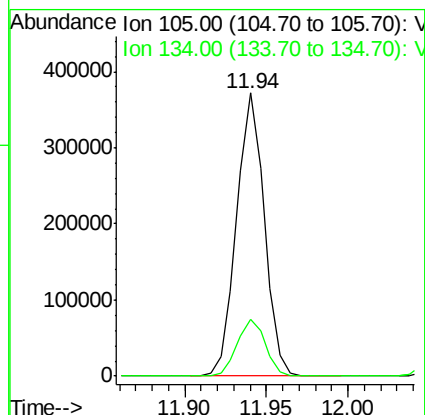
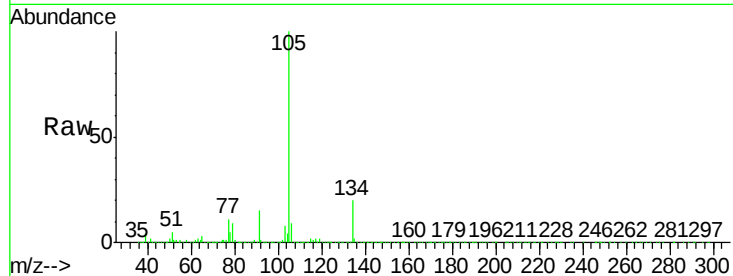




#85
 sec-Butylbenzene
 Concen: 20.289 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

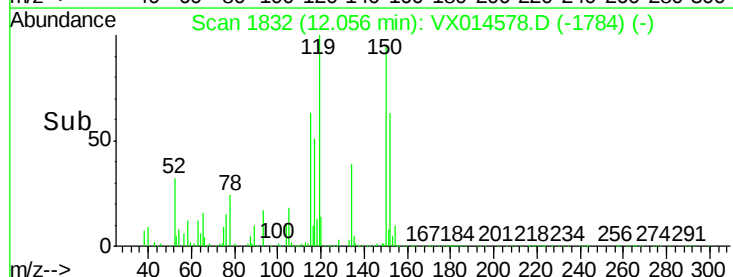
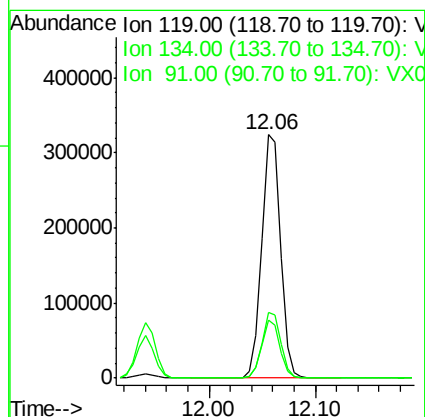
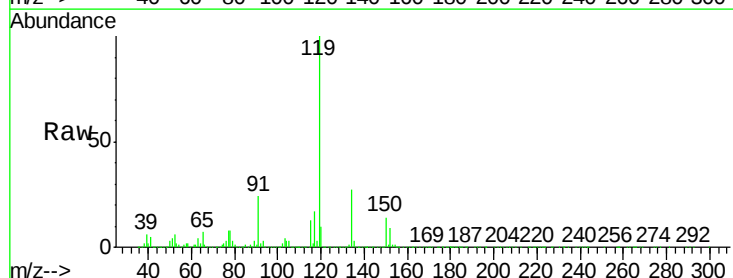
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

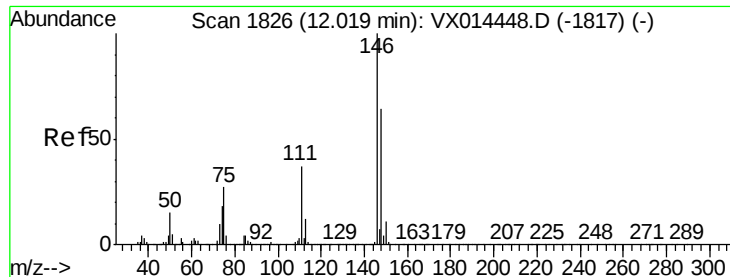
Tgt Ion:105 Resp: 440093
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 20.139 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion:119 Resp: 405379
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 23.0 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.889 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

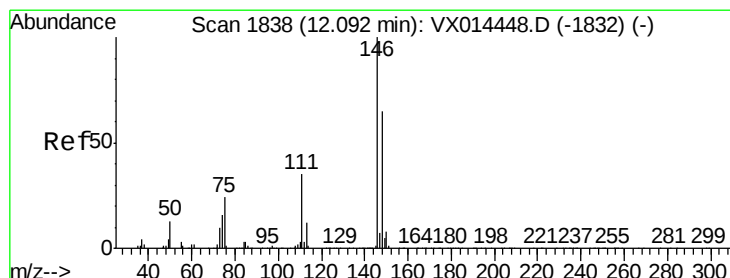
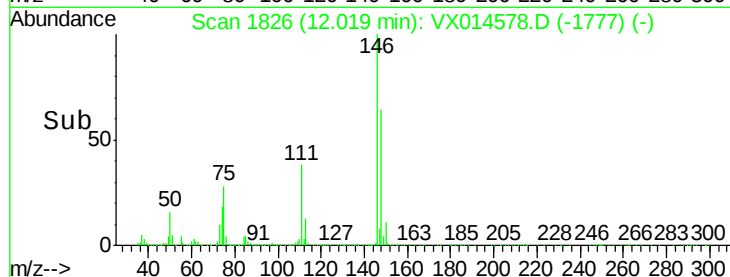
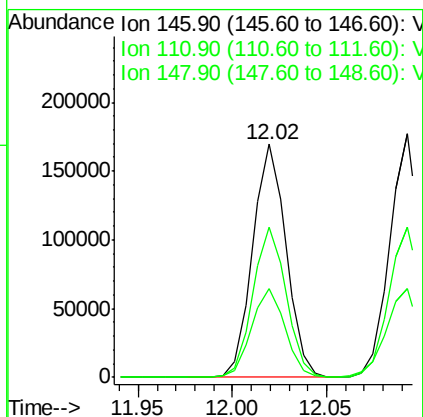
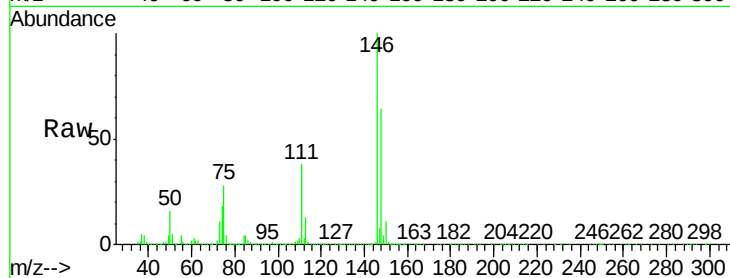
Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

Tgt Ion:146 Resp: 209104

Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	63.8	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.673 ug/l

RT: 12.09 min Scan# 1838

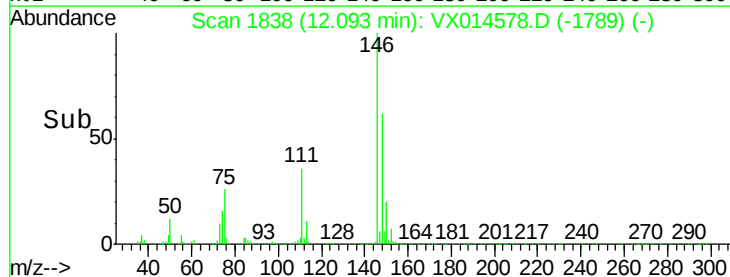
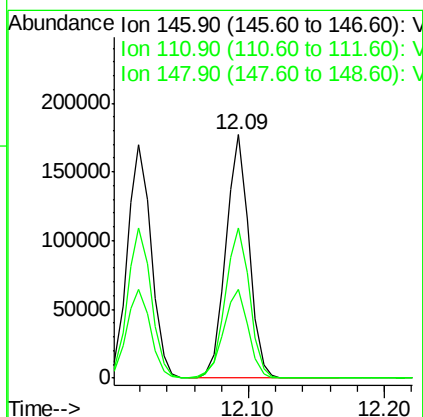
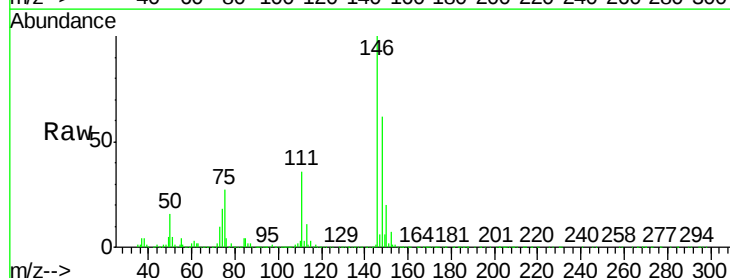
Delta R.T. 0.00 min

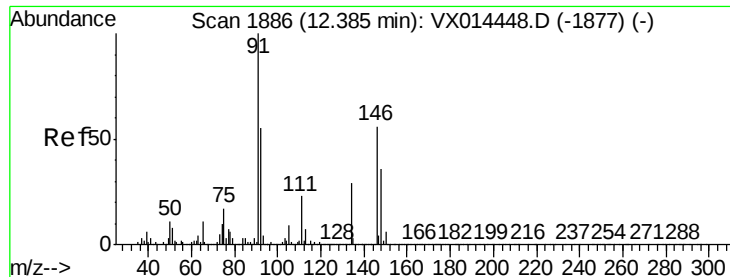
Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Tgt Ion:146 Resp: 208304

Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.1	54.1
148	64.6	32.1	96.3





#89

n-Butylbenzene

Concen: 19.056 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

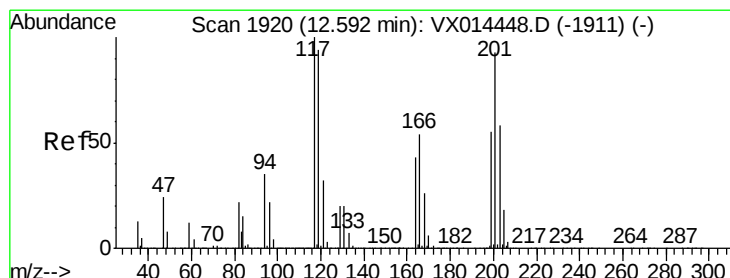
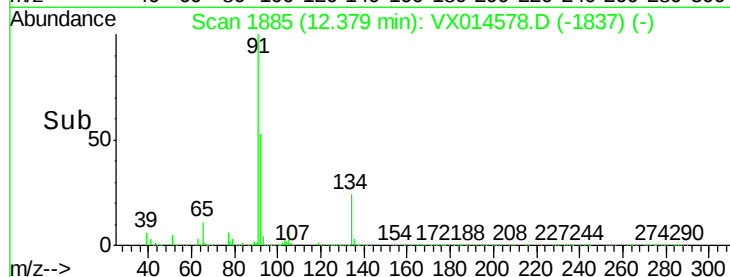
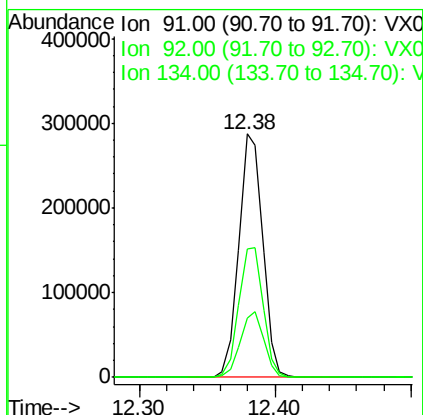
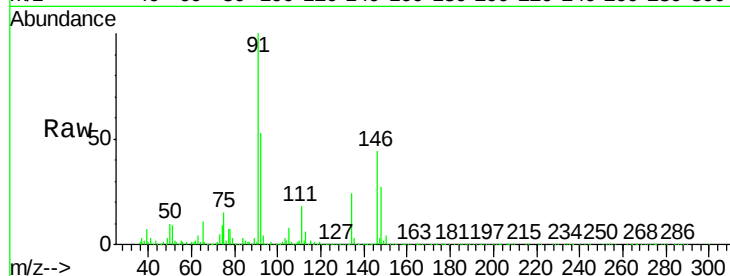
Tgt Ion: 91 Resp: 350701

Ion Ratio Lower Upper

91 100

92 54.3 27.4 82.2

134 26.7 13.9 41.7



#90

Hexachloroethane

Concen: 19.530 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014578.D

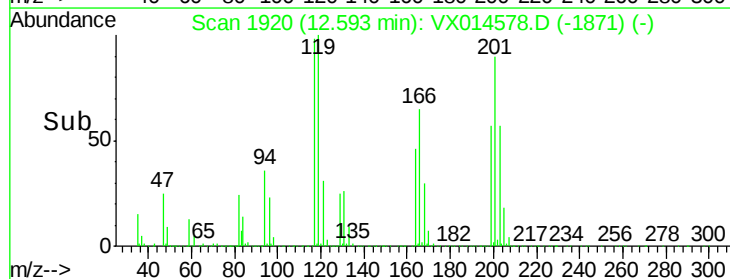
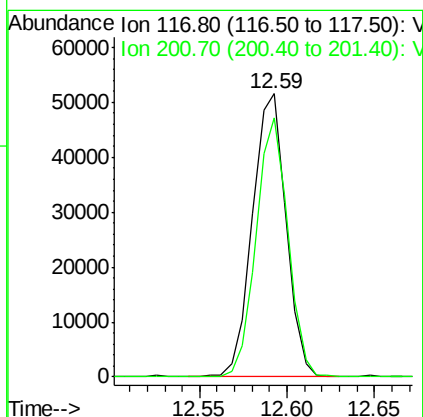
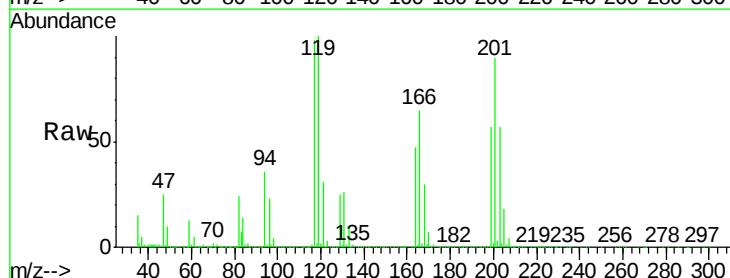
Acq: 13 Jan 2020 11:47

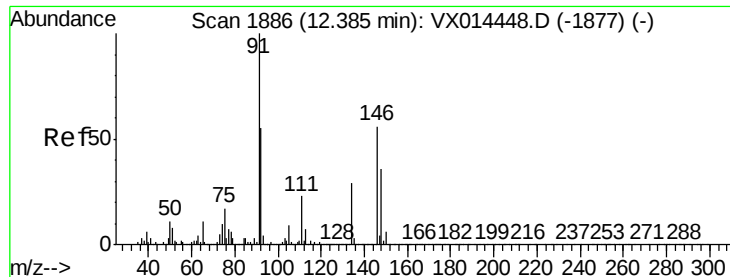
Tgt Ion: 117 Resp: 69053

Ion Ratio Lower Upper

117 100

201 87.2 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.265 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBS01

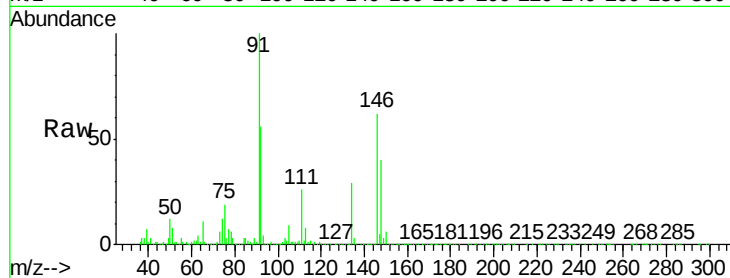
Tgt Ion:146 Resp: 208945

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

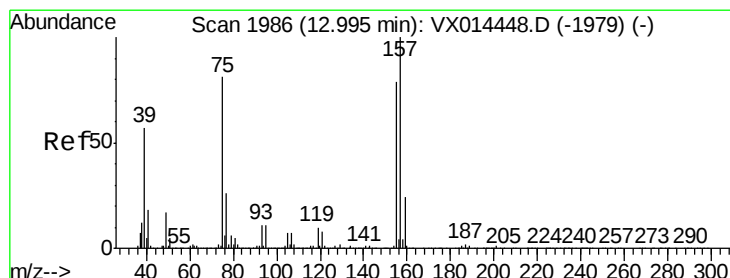
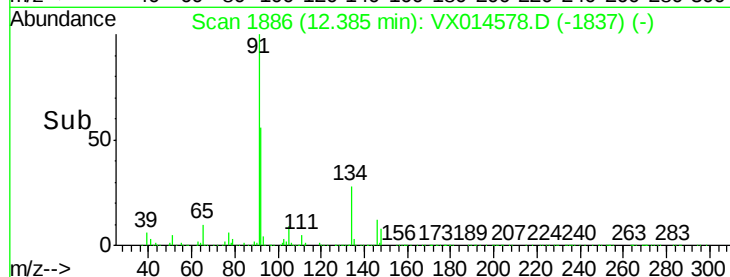
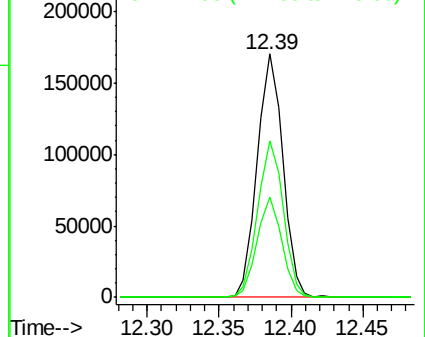
148 64.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.890 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014578.D

Acq: 13 Jan 2020 11:47

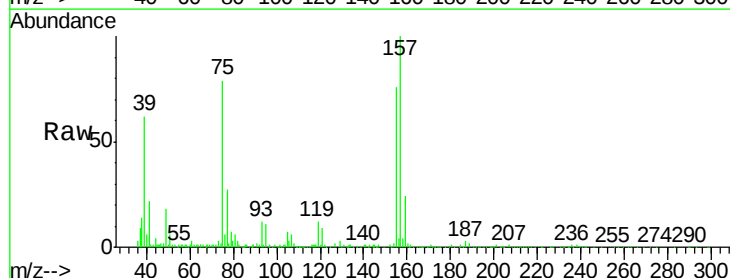
Tgt Ion: 75 Resp: 30310

Ion Ratio Lower Upper

75 100

155 95.0 48.7 146.1

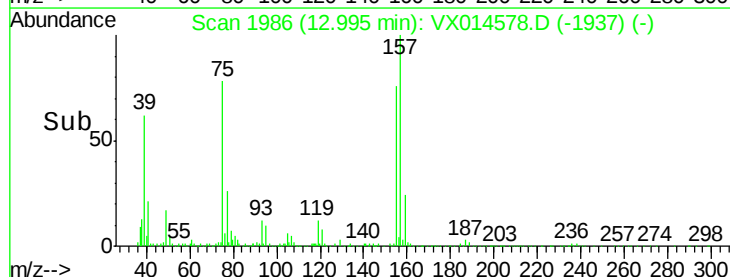
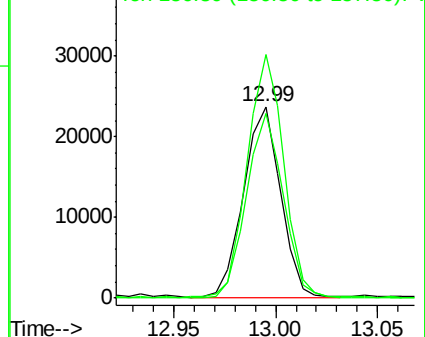
157 125.6 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

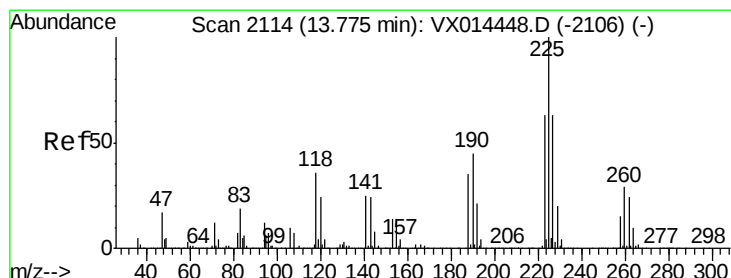
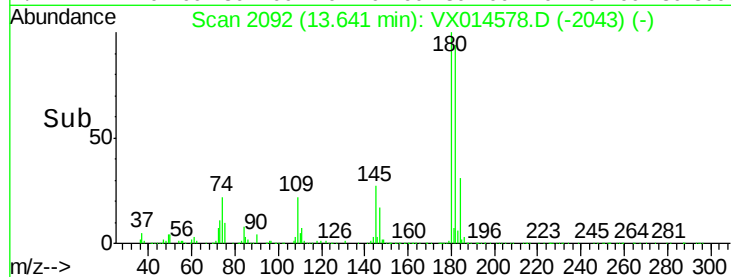
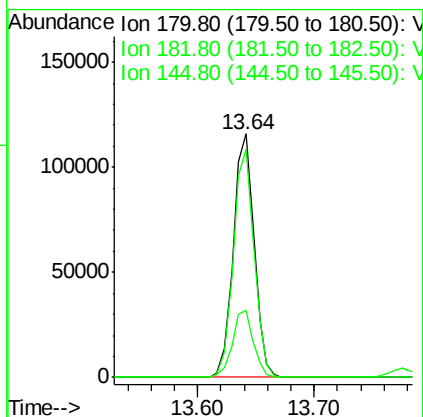
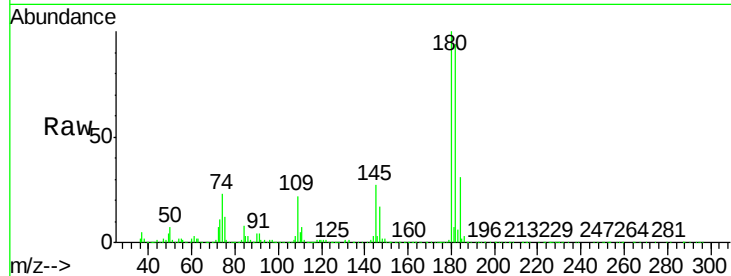




#93
 1,2,4-Trichlorobenzene
 Concen: 18.966 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

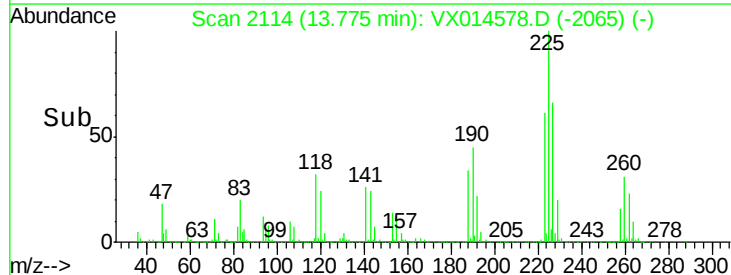
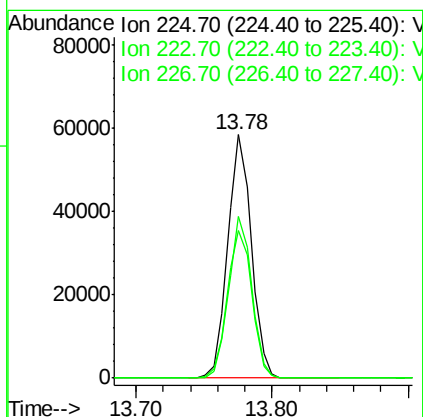
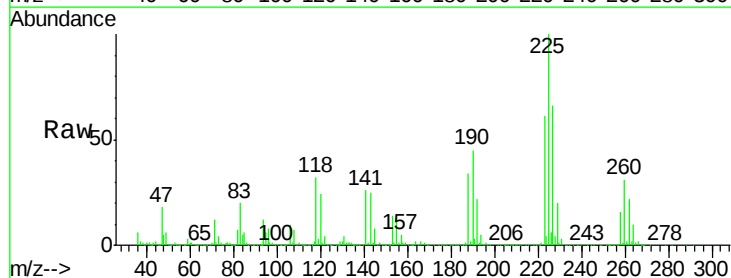
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBS01

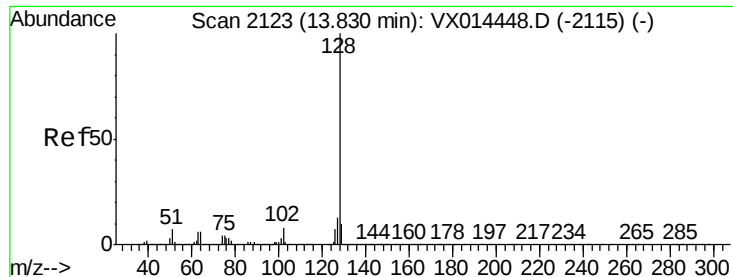
Tgt Ion:180 Resp: 144904
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.5 142.5
 145 27.7 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 19.798 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014578.D
 Acq: 13 Jan 2020 11:47

Tgt Ion:225 Resp: 70451
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 65.0 31.4 94.2

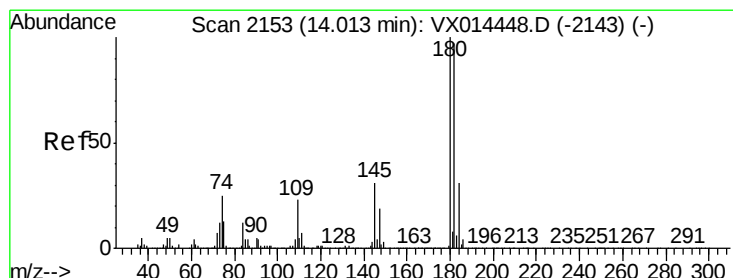
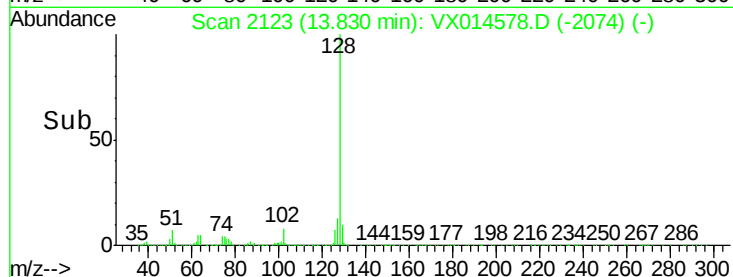
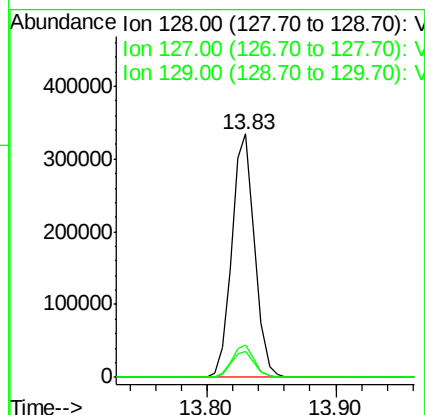
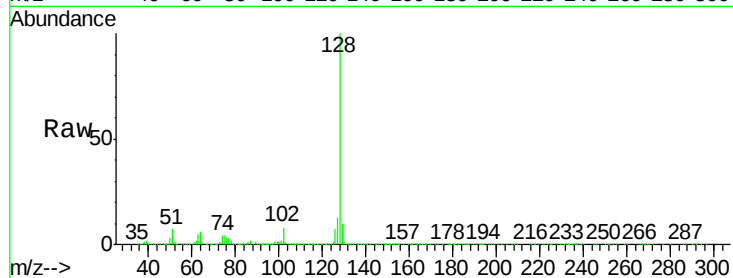




#95
Naphthalene
Concen: 17.537 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBS01

Tgt Ion:128 Resp: 414355
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.159 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014578.D
Acq: 13 Jan 2020 11:47

Tgt Ion:180 Resp: 144373
Ion Ratio Lower Upper
180 100
182 92.8 47.9 143.6
145 29.6 14.8 44.3

