

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
 Data File : VX014598.D
 Acq On : 14 Jan 2020 11:13
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Quant Time: Jan 14 23:31:33 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	486993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	722955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	261050	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	214507	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.71	98	841969	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	291270	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	115748	19.300	ug/l 97
3) Chloromethane	1.32	50	118267	19.052	ug/l 99
4) Vinyl Chloride	1.40	62	135324	19.563	ug/l 100
5) Bromomethane	1.64	94	78297	17.076	ug/l 99
6) Chloroethane	1.72	64	75985	19.370	ug/l 99
7) Trichlorofluoromethane	1.92	101	149130	19.005	ug/l 98
8) Diethyl Ether	2.18	74	63112	17.630	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90413	18.939	ug/l 99
10) Methyl Iodide	2.50	142	103245	18.061	ug/l 100
11) Tert butyl alcohol	3.02	59	102290	90.113	ug/l 99
12) 1,1-Dichloroethene	2.37	96	86889	18.065	ug/l 98
13) Acrolein	2.28	56	60745	66.765	ug/l 99
14) Allyl chloride	2.72	41	155300	18.391	ug/l 99
15) Acrylonitrile	3.12	53	254054	92.732	ug/l 100
16) Acetone	2.43	43	249433	88.812	ug/l 96
17) Carbon Disulfide	2.56	76	228759	17.045	ug/l 99
18) Methyl Acetate	2.76	43	155862	19.947	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	284156	18.404	ug/l 100
20) Methylene Chloride	2.85	84	101455	18.551	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	93117	17.733	ug/l 96
22) Diisopropyl ether	3.84	45	320779	19.657	ug/l 93
23) Vinyl Acetate	3.80	43	1219646	96.533	ug/l 99
24) 1,1-Dichloroethane	3.69	63	168549	18.986	ug/l 99
25) 2-Butanone	4.65	43	362888	89.361	ug/l 98
26) 2,2-Dichloropropane	4.57	77	136577	18.161	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	108796	18.534	ug/l 99
28) Bromochloromethane	5.00	49	71009	18.983	ug/l 95
29) Tetrahydrofuran	5.11	42	227749	94.857	ug/l 99
30) Chloroform	5.20	83	165854	19.119	ug/l 98
31) Cyclohexane	5.56	56	158488	19.073	ug/l 96
32) 1,1,1-Trichloroethane	5.48	97	139567	18.796	ug/l 99
36) 1,1-Dichloropropene	5.79	75	127074	18.691	ug/l 100
37) Ethyl Acetate	4.81	43	138708	18.783	ug/l 98
38) Carbon Tetrachloride	5.78	117	118854	18.997	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX011420\
 Data File : VX014598.D
 Acq On : 14 Jan 2020 11:13
 Operator : JC/SP
 Sample : VX0114WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

Quant Time: Jan 14 23:31:33 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	160492	18.790	ug/l	98
40) Benzene	6.13	78	390708	19.363	ug/l	98
41) Methacrylonitrile	5.02	41	75996	19.297	ug/l	98
42) 1,2-Dichloroethane	6.18	62	136062	19.285	ug/l	99
43) Isopropyl Acetate	6.43	43	223262	18.715	ug/l	98
44) Trichloroethene	7.20	130	107750	18.581	ug/l	99
45) 1,2-Dichloropropane	7.50	63	102752	19.973	ug/l	98
46) Dibromomethane	7.65	93	63655	17.728	ug/l	98
47) Bromodichloromethane	7.89	83	126642	19.383	ug/l	99
48) Methyl methacrylate	7.76	41	109307	19.131	ug/l	99
49) 1,4-Dioxane	7.73	88	44425	366.946	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	708275	97.430	ug/l	99
52) Toluene	8.78	92	240569	18.624	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	137450	18.070	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153896	18.729	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99713	19.219	ug/l	99
56) Ethyl methacrylate	9.17	69	147718	18.584	ug/l	98
57) 1,3-Dichloropropane	9.36	76	166973	19.248	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	254828	94.226	ug/l	98
59) 2-Hexanone	9.48	43	531668	92.432	ug/l	100
60) Dibromochloromethane	9.57	129	100805	19.330	ug/l	99
61) 1,2-Dibromoethane	9.67	107	102668	18.681	ug/l	99
64) Tetrachloroethene	9.33	164	115964	17.916	ug/l	98
65) Chlorobenzene	10.13	112	261658	18.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94745	18.943	ug/l	98
67) Ethyl Benzene	10.25	91	460306	19.269	ug/l	100
68) m/p-Xylenes	10.35	106	350419	38.023	ug/l	97
69) o-Xylene	10.69	106	166587	18.945	ug/l	99
70) Styrene	10.71	104	283021	18.651	ug/l	99
71) Bromoform	10.85	173	73783	18.030	ug/l #	97
73) Isopropylbenzene	11.01	105	449621	19.632	ug/l	100
74) N-amyl acetate	10.89	43	185275	18.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	140716	19.159	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163249	24.192	ug/l	84
77) Bromobenzene	11.25	156	118803	18.705	ug/l	98
78) n-propylbenzene	11.35	91	513926	19.594	ug/l	99
79) 2-Chlorotoluene	11.42	91	303795	19.434	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	374720	19.707	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	46397	18.178	ug/l	96
82) 4-Chlorotoluene	11.51	91	348999	19.020	ug/l	98
83) tert-Butylbenzene	11.76	119	351872	19.585	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	378608	19.705	ug/l	100
85) sec-Butylbenzene	11.94	105	441317	19.759	ug/l	98
86) p-Isopropyltoluene	12.06	119	399451	19.274	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	206920	18.153	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	210992	19.344	ug/l	99
89) n-Butylbenzene	12.38	91	347878	18.358	ug/l	99
90) Hexachloroethane	12.59	117	67337	18.497	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	208363	18.658	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29752	18.009	ug/l	96

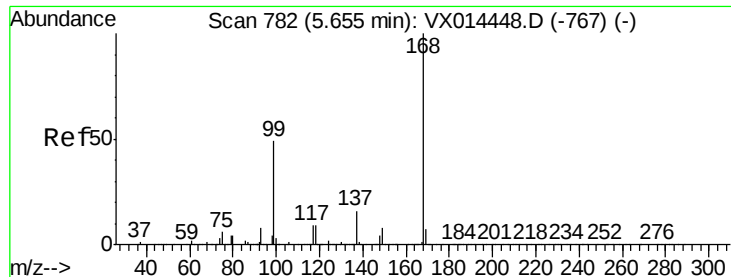
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
Data File : VX014598.D
Acq On : 14 Jan 2020 11:13
Operator : JC/SP
Sample : VX0114WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Quant Time: Jan 14 23:31:33 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)
93) 1,2,4-Trichlorobenzene	13.64	180	140399	17.841	ug/l	99
94) Hexachlorobutadiene	13.78	225	72502	19.788	ug/l	99
95) Naphthalene	13.83	128	411666	16.922	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141540	18.229	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

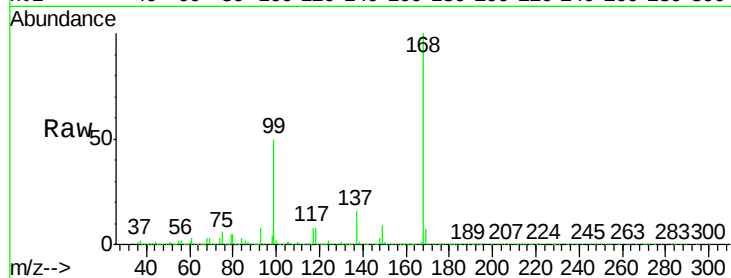
VX0114WBS01

Tgt Ion:168 Resp: 486993

Ion Ratio Lower Upper

168 100

99 50.1 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

200000

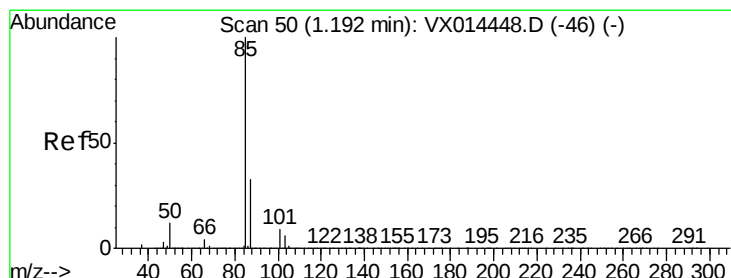
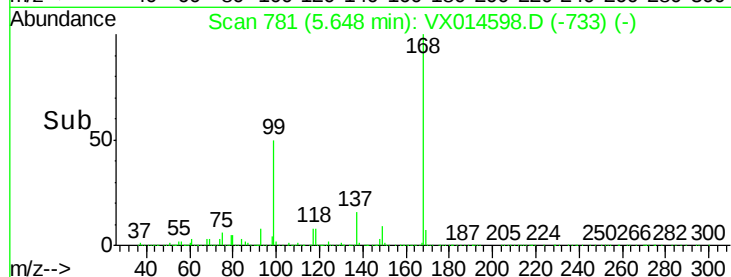
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.300 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014598.D

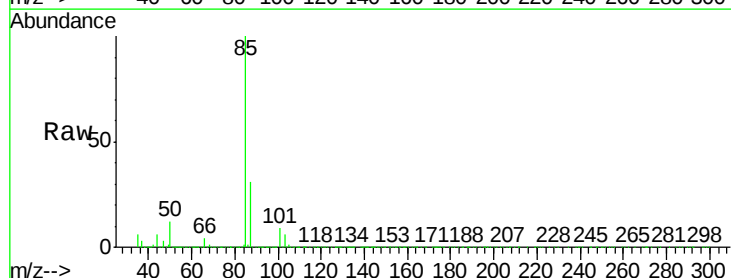
Acq: 14 Jan 2020 11:13

Tgt Ion: 85 Resp: 115748

Ion Ratio Lower Upper

85 100

87 31.4 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

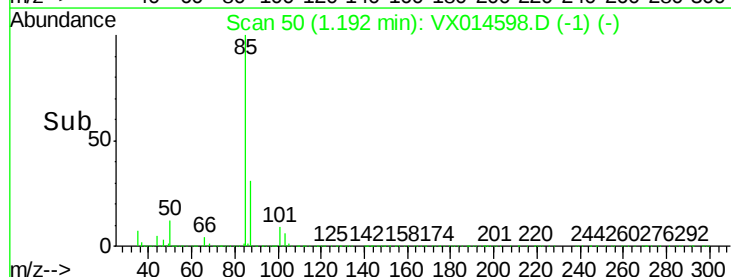
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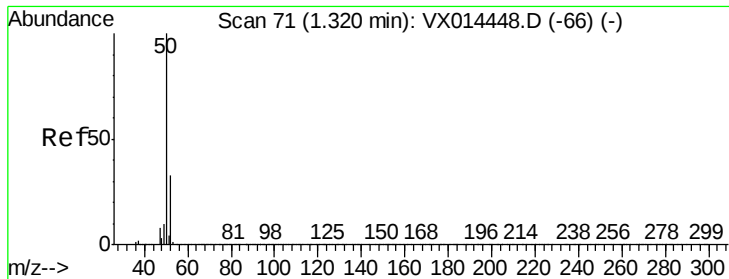
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Time-->

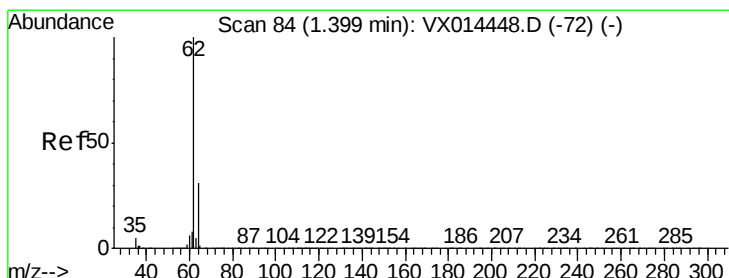
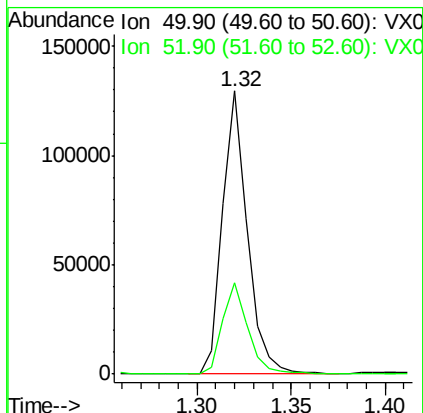
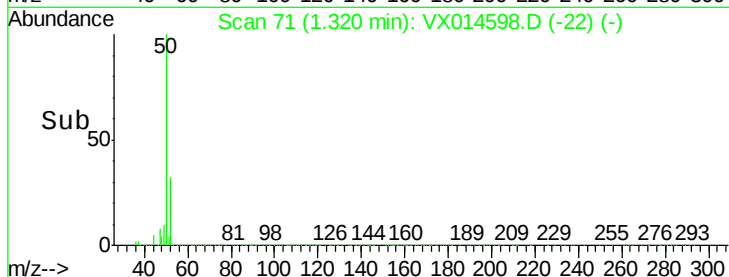
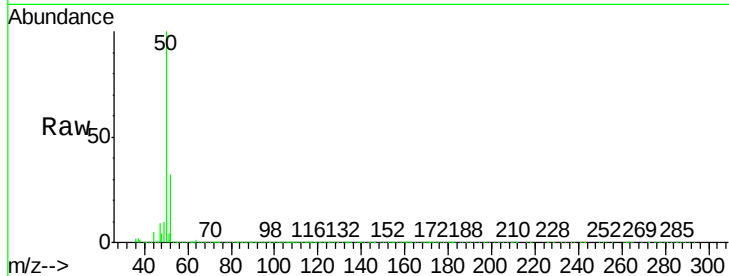




#3
Chloromethane
Concen: 19.052 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

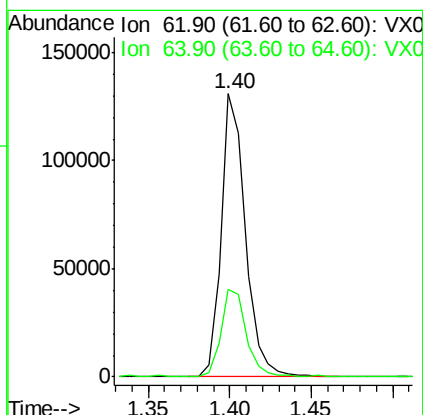
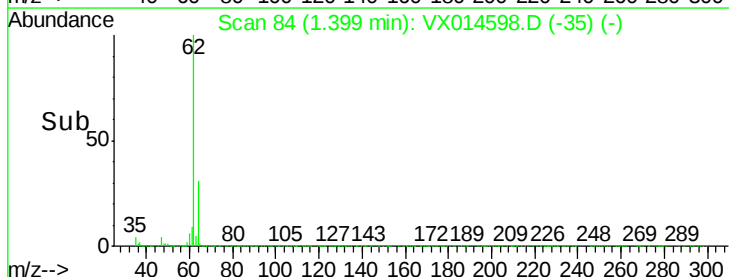
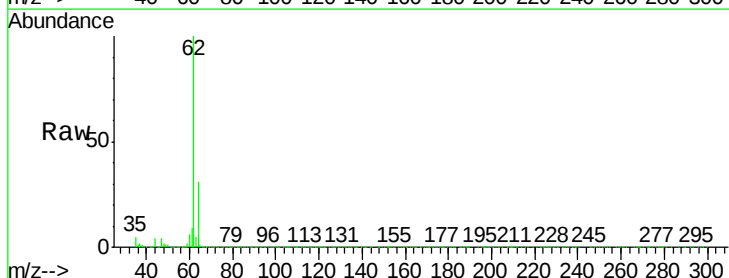
Instrument :
MSVOA_X
ClientSampled :
VX0114WBS01

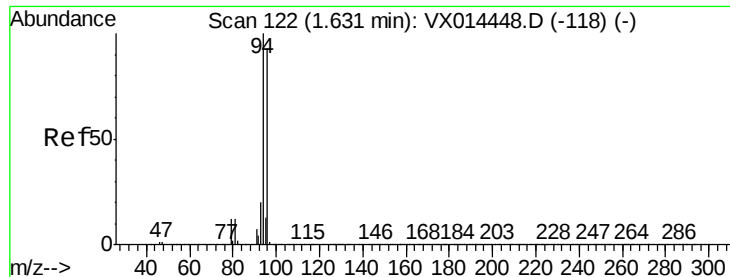
Tgt Ion: 50 Resp: 118267
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1



#4
Vinyl Chloride
Concen: 19.563 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 62 Resp: 135324
Ion Ratio Lower Upper
62 100
64 30.6 24.6 37.0





#5

Bromomethane

Concen: 17.076 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

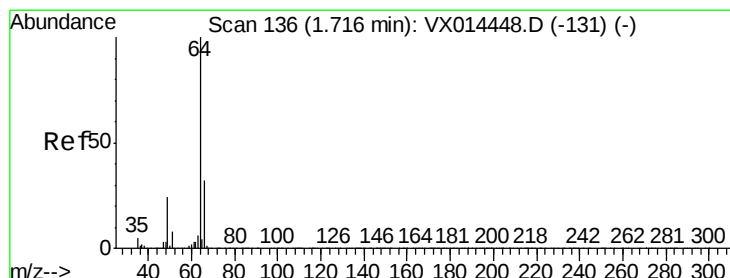
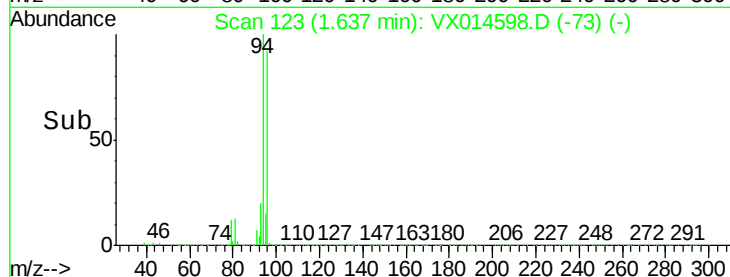
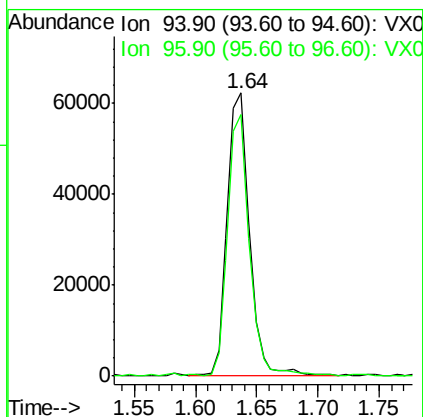
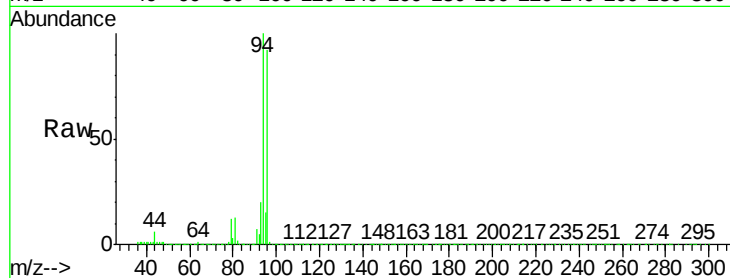
VX0114WBS01

Tgt Ion: 94 Resp: 78297

Ion Ratio Lower Upper

94 100

96 92.1 74.2 111.2



#6

Chloroethane

Concen: 19.370 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014598.D

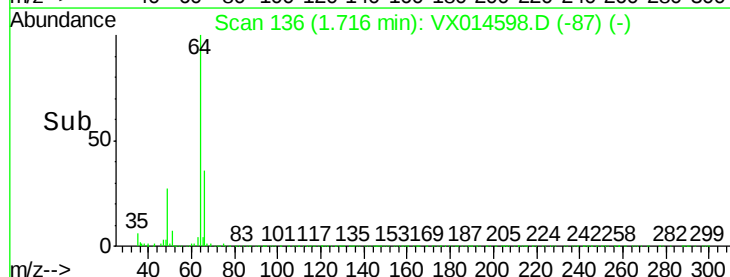
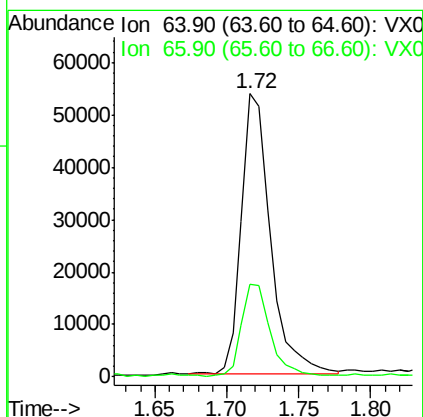
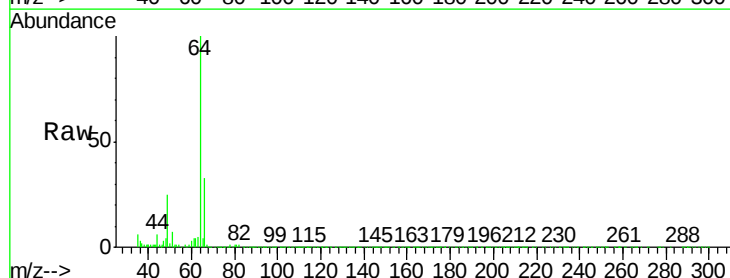
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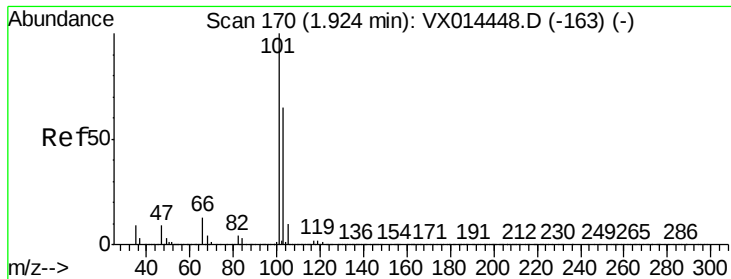
Tgt Ion: 64 Resp: 75985

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9



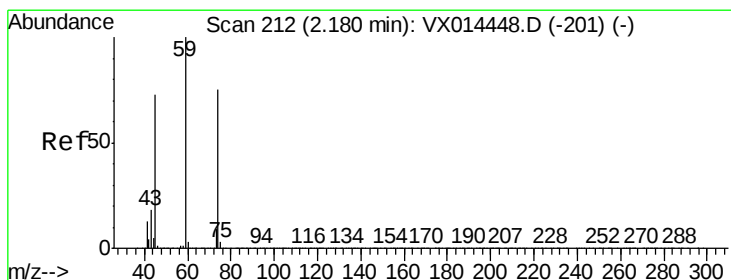
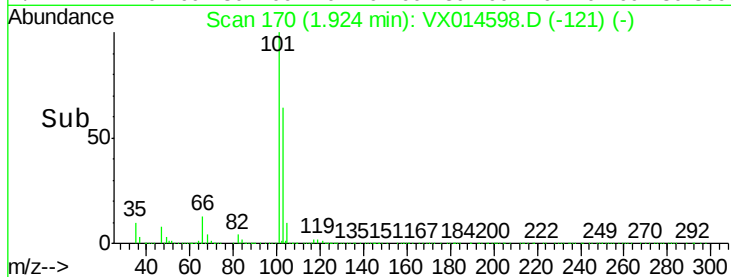
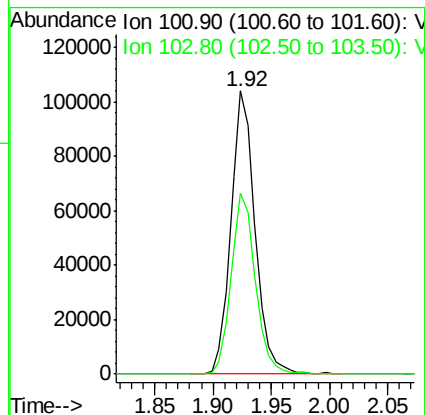
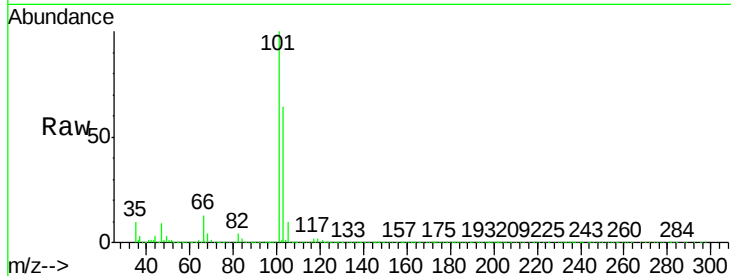


#7

Trichlorofluoromethane
Concen: 19.005 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

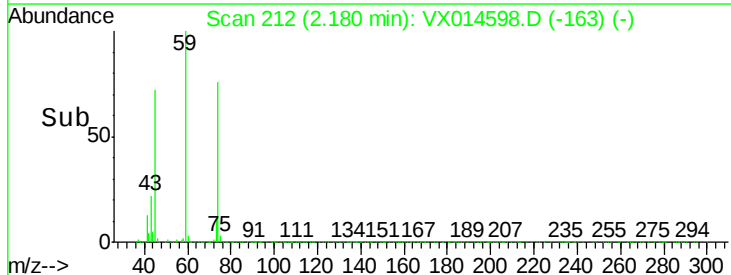
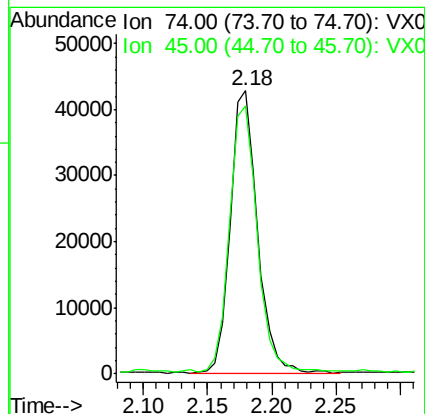
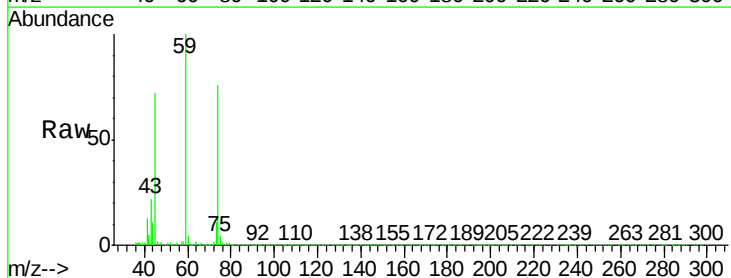
Tgt Ion: 101 Resp: 149130
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4

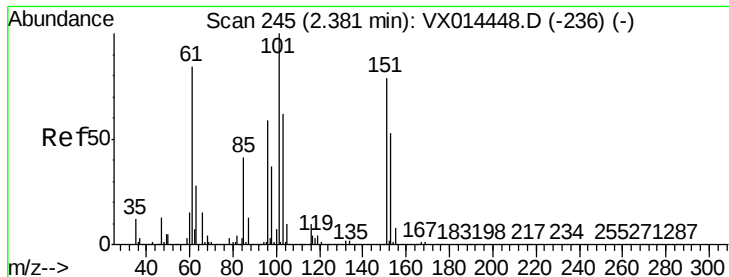


#8

Diethyl Ether
Concen: 17.630 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 74 Resp: 63112
Ion Ratio Lower Upper
74 100
45 96.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.939 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

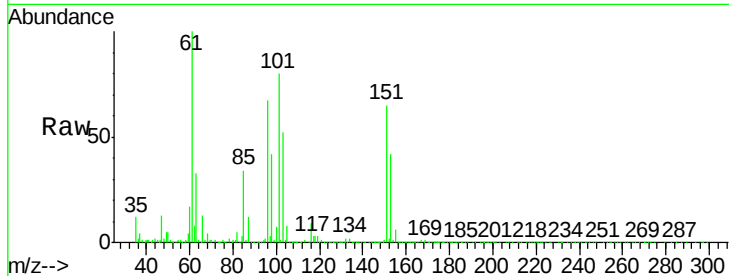
Tgt Ion:101 Resp: 90413

Ion Ratio Lower Upper

101 100

85 43.0 33.8 50.8

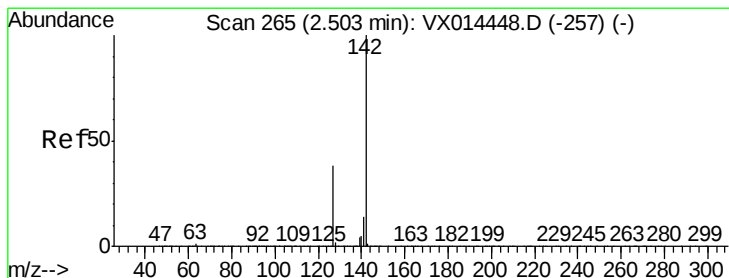
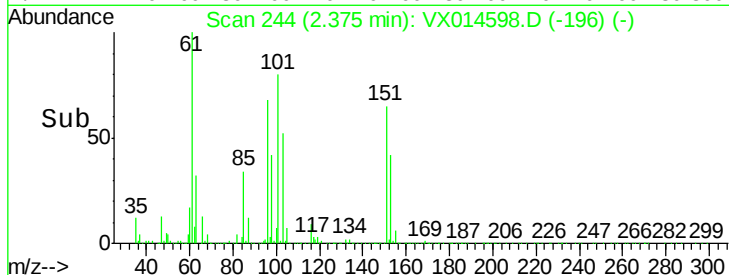
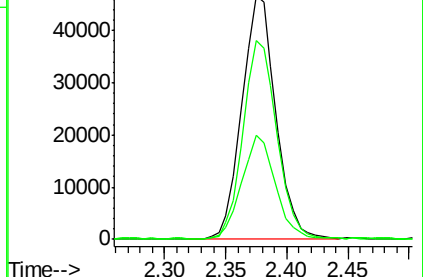
151 80.8 65.3 97.9



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: 18.061 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

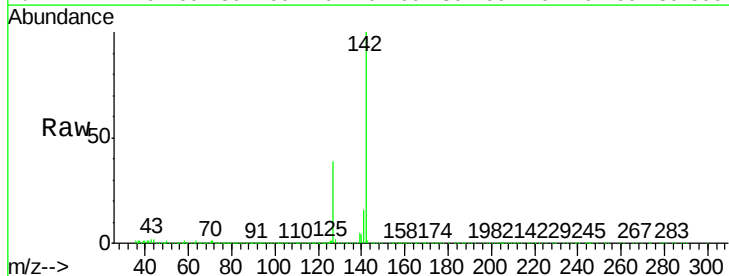
Tgt Ion:142 Resp: 103245

Ion Ratio Lower Upper

142 100

127 38.9 31.2 46.8

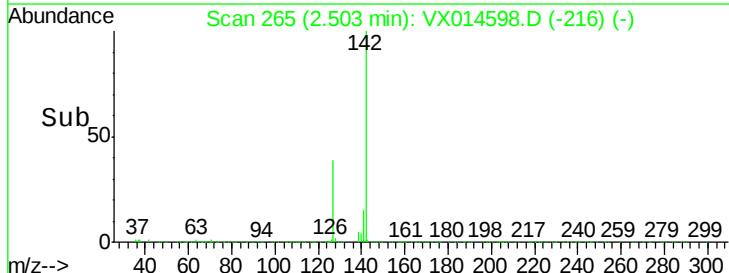
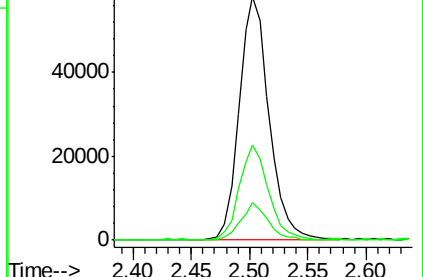
141 14.5 11.4 17.2

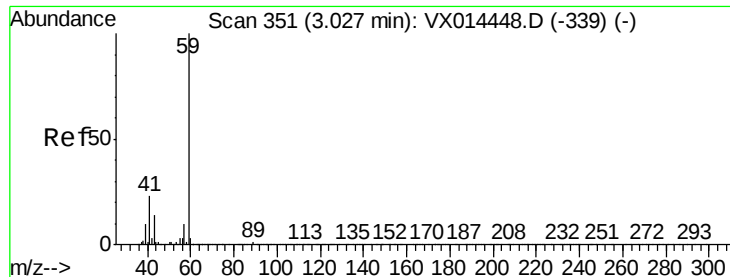


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

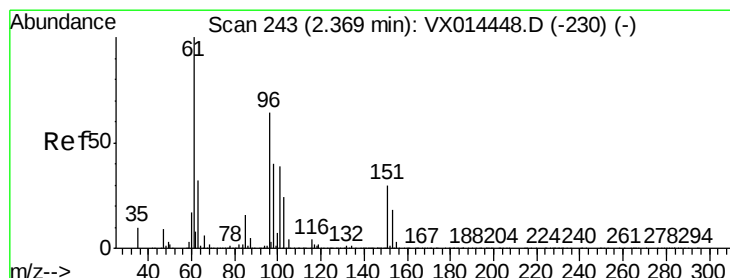
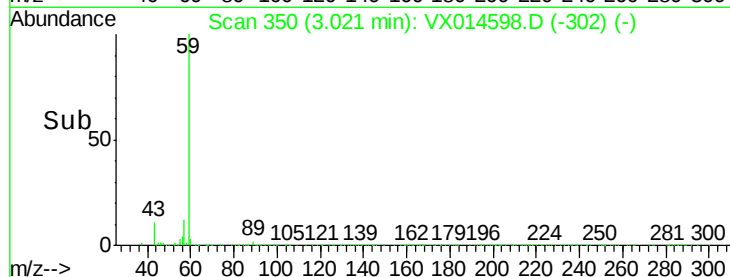
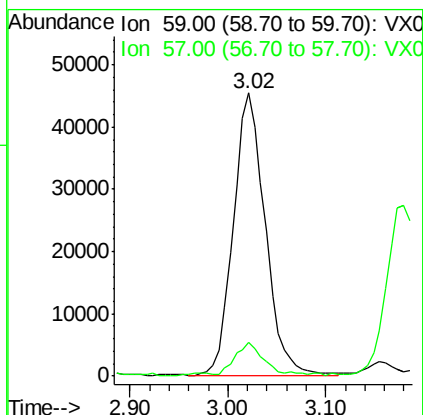
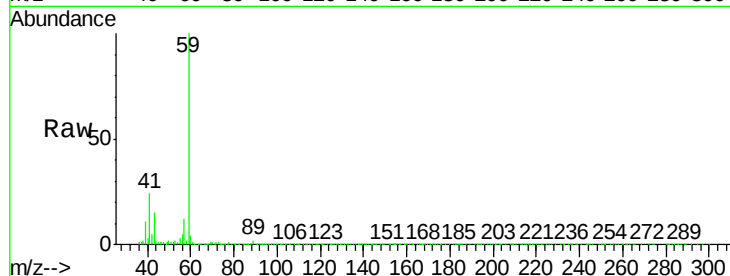




#11
Tert butyl alcohol
Concen: 90.113 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

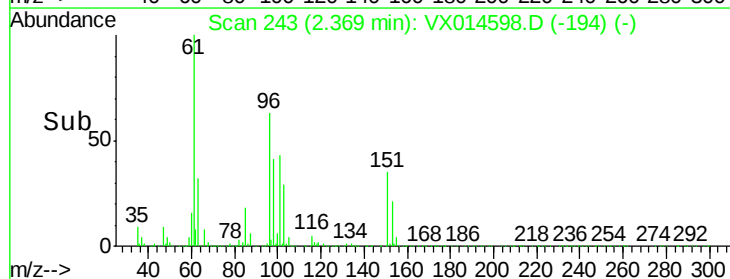
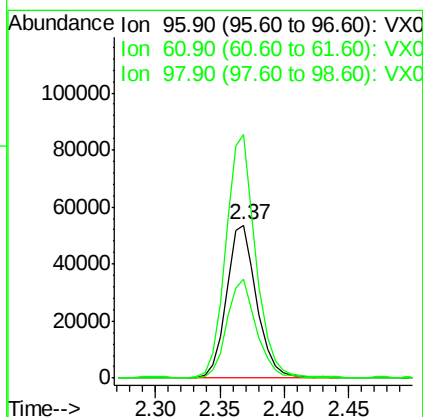
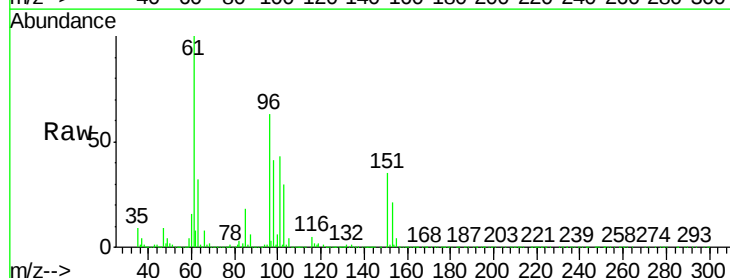
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

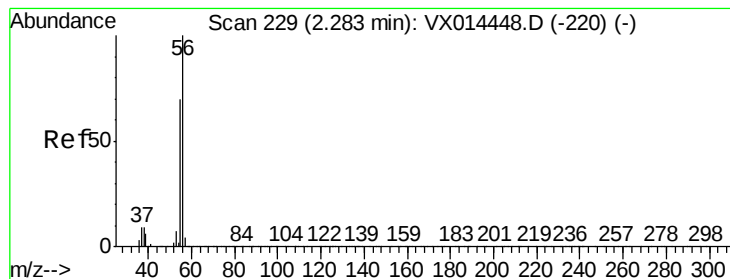
Tgt Ion: 59 Resp: 102290
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.065 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 96 Resp: 86889
Ion Ratio Lower Upper
96 100
61 158.8 125.0 187.6
98 64.5 50.2 75.2





#13

Acrolein

Concen: 66.765 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

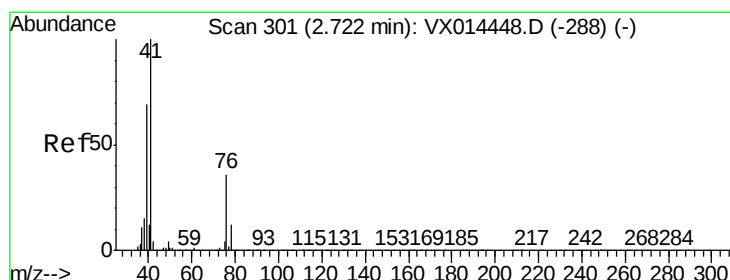
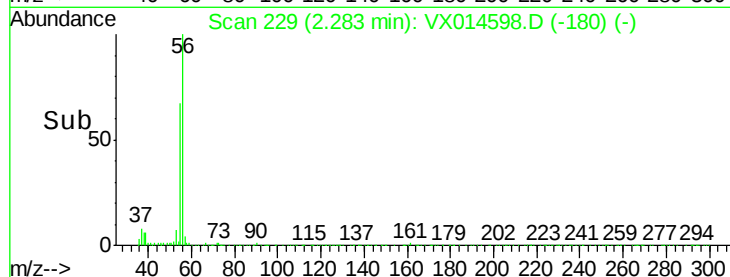
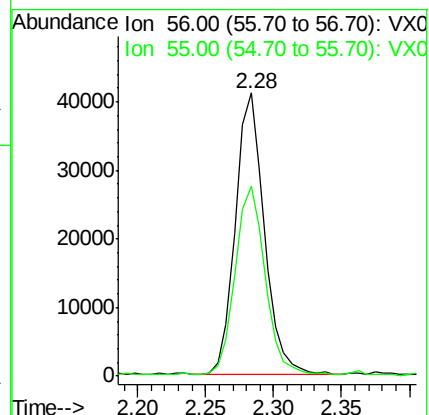
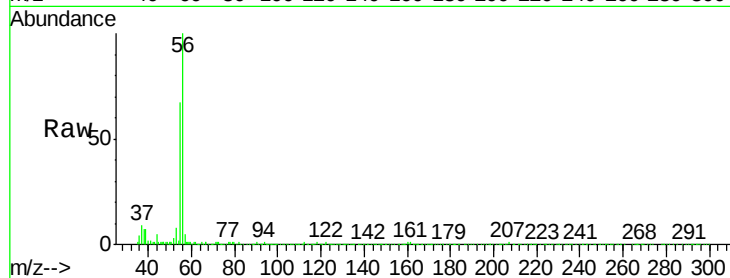
VX0114WBS01

Tgt Ion: 56 Resp: 60745

Ion Ratio Lower Upper

56 100

55 69.4 55.0 82.6



#14

Allyl chloride

Concen: 18.391 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

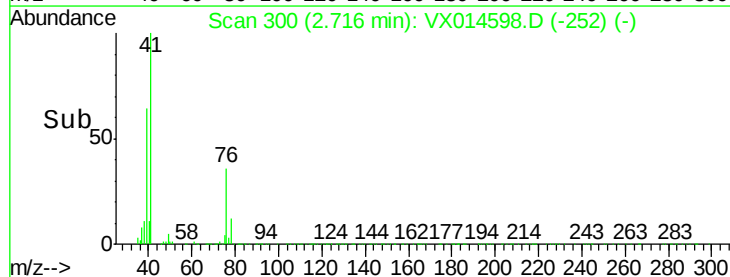
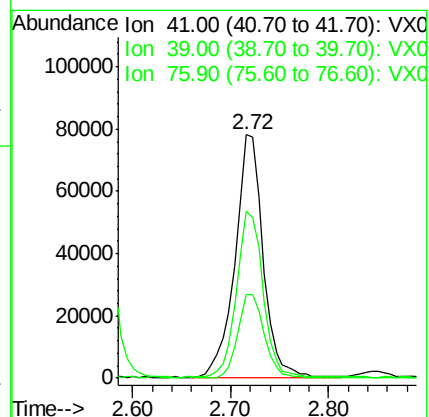
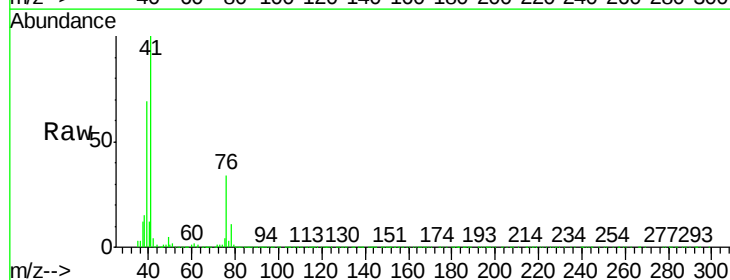
Tgt Ion: 41 Resp: 155300

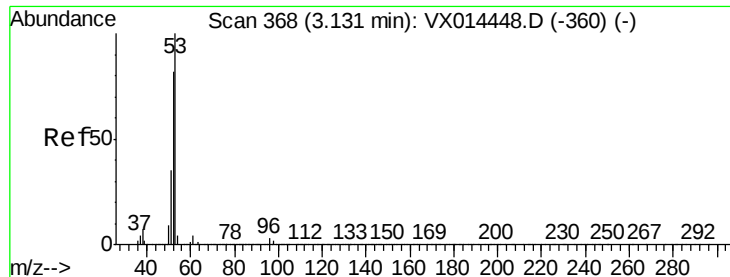
Ion Ratio Lower Upper

41 100

39 64.9 51.7 77.5

76 32.1 26.8 40.2





#15

Acrylonitrile

Concen: 92.732 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

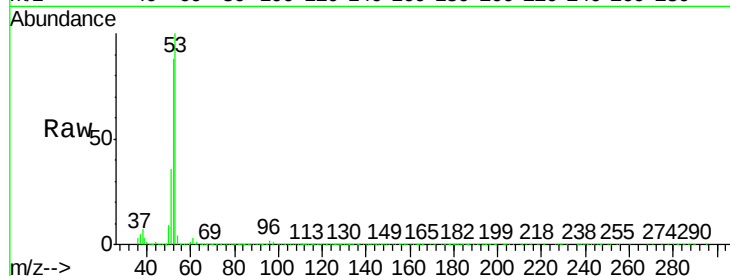
Tgt Ion: 53 Resp: 254054

Ion Ratio Lower Upper

53 100

52 83.7 67.0 100.4

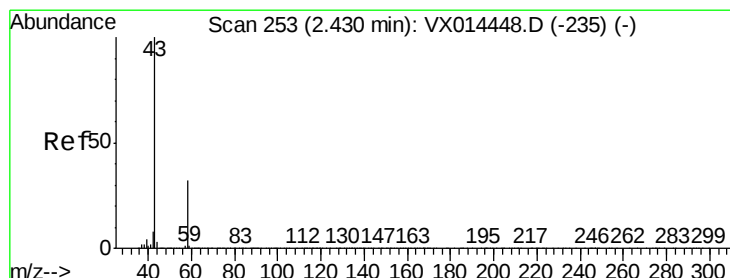
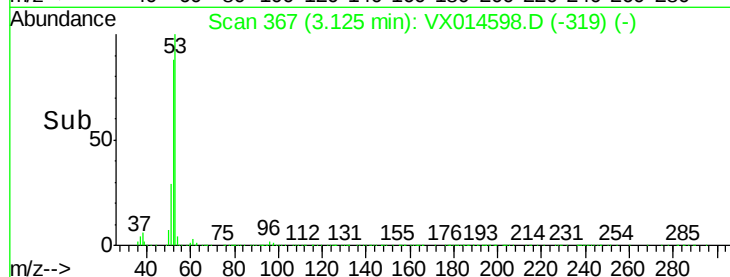
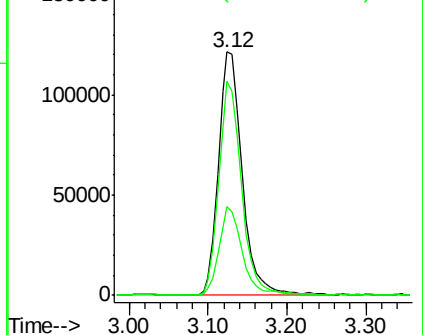
51 35.3 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.812 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014598.D

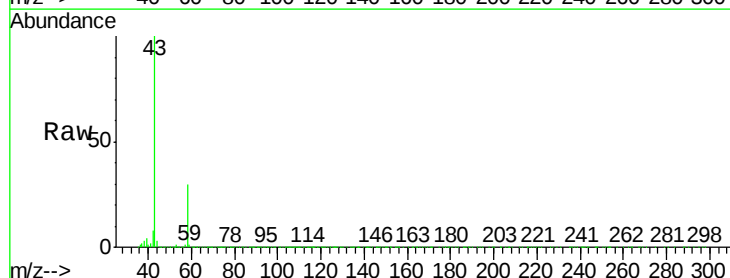
Acq: 14 Jan 2020 11:13

Tgt Ion: 43 Resp: 249433

Ion Ratio Lower Upper

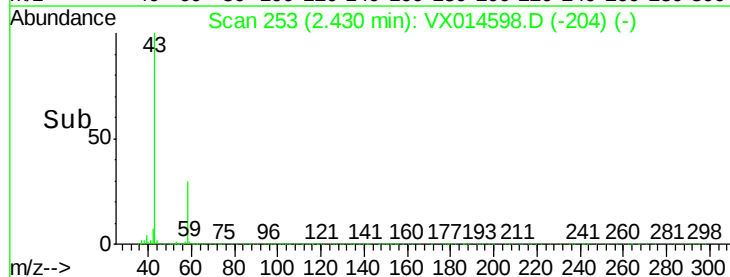
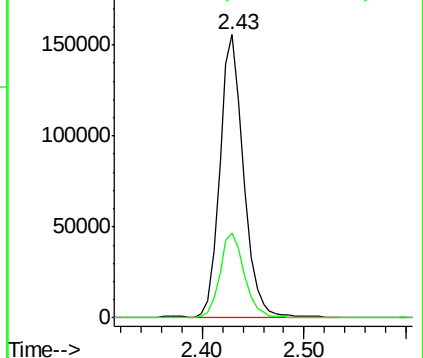
43 100

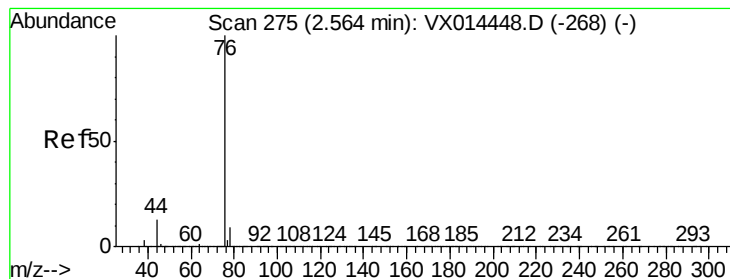
58 29.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.045 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

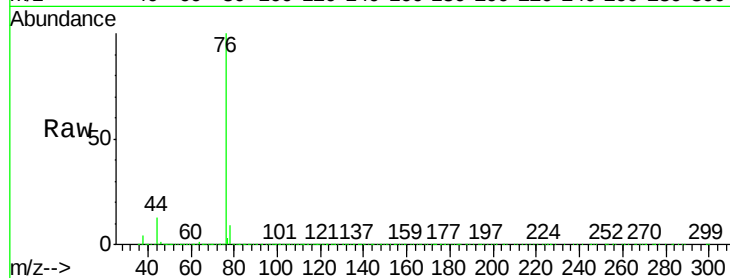
VX0114WBS01

Tgt Ion: 76 Resp: 228759

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

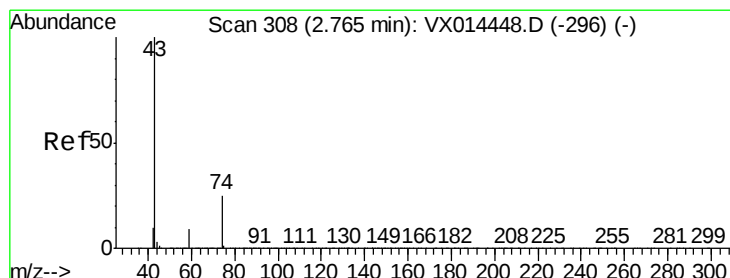
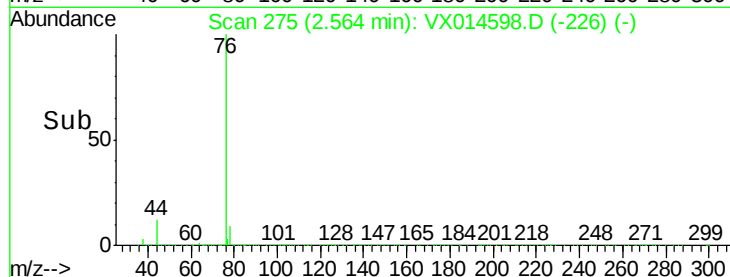
100000

50000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.947 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014598.D

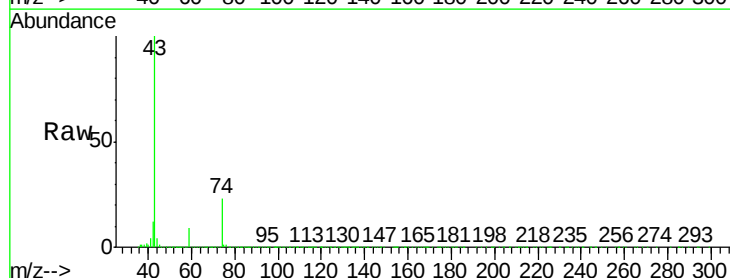
Acq: 14 Jan 2020 11:13

Tgt Ion: 43 Resp: 155862

Ion Ratio Lower Upper

43 100

74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

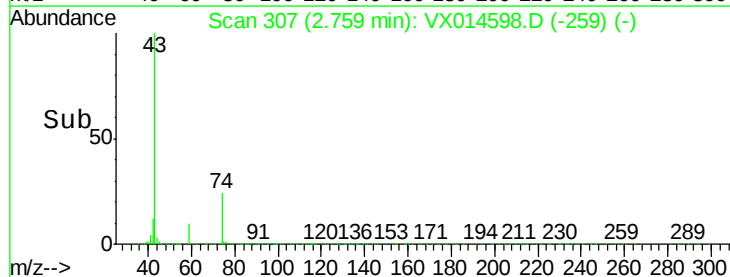
40000

20000

0

Time-->

2.70 2.80 2.90





#19

Methyl tert-butyl Ether

Concen: 18.404 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

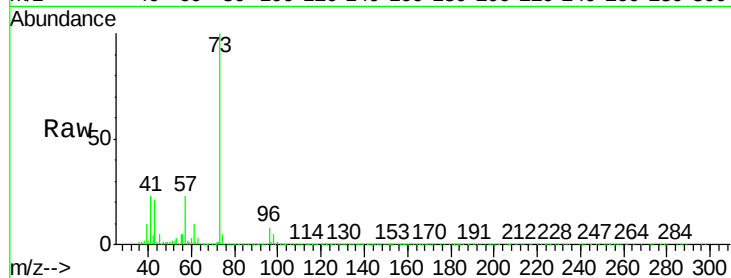
VX0114WBS01

Tgt Ion: 73 Resp: 284156

Ion Ratio Lower Upper

73 100

57 22.4 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

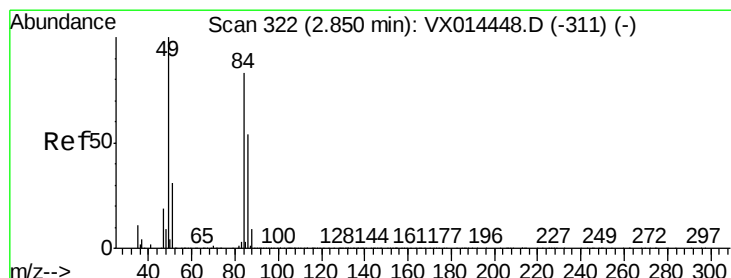
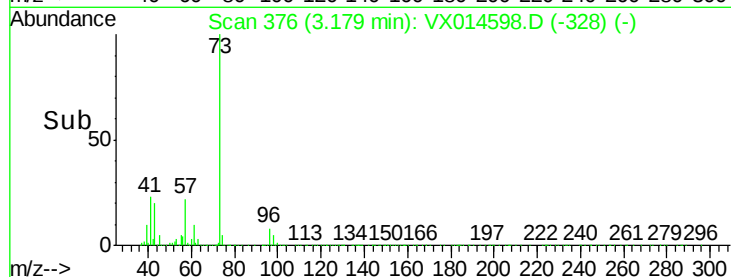
3.18

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 18.551 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion: 84 Resp: 101455

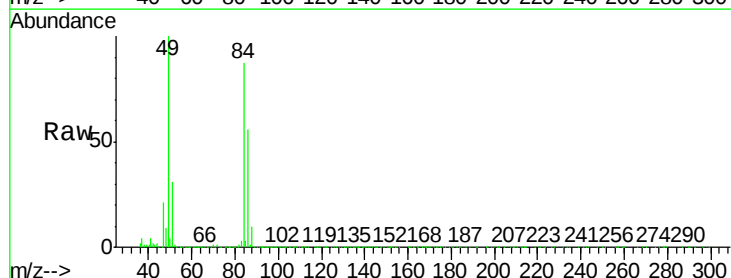
Ion Ratio Lower Upper

84 100

49 114.0 95.8 143.8

51 35.7 30.2 45.4

86 63.5 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

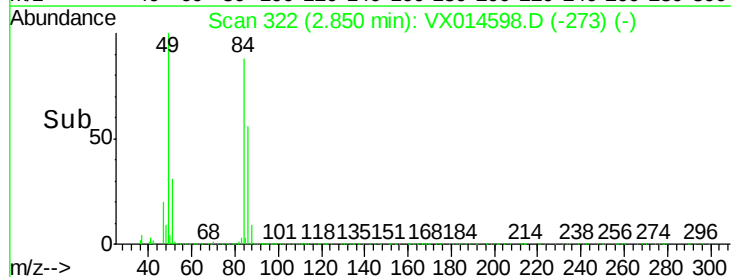
60000

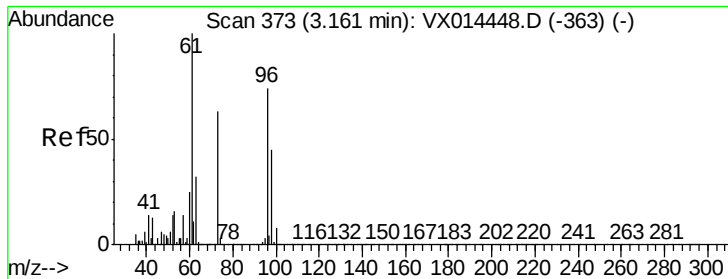
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 17.733 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

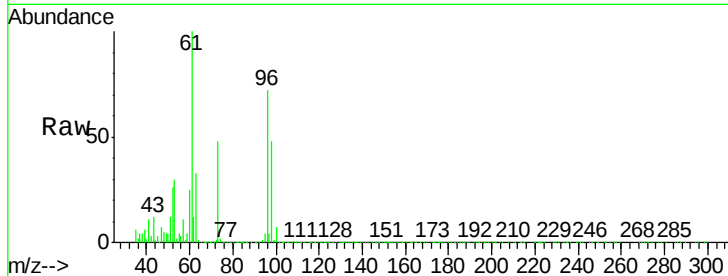
Tgt Ion: 96 Resp: 93117

Ion Ratio Lower Upper

96 100

61 138.7 108.2 162.4

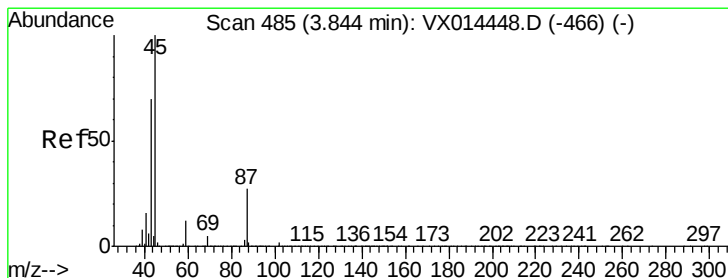
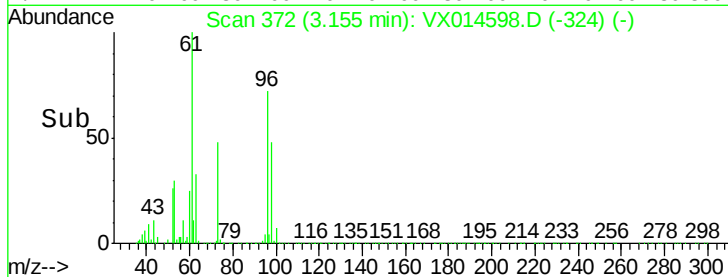
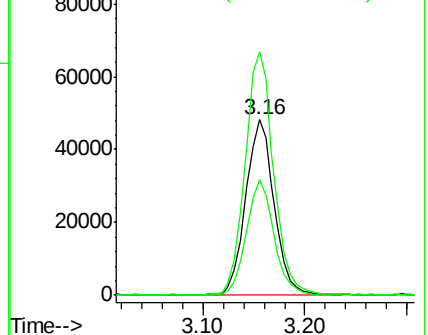
98 66.1 48.8 73.2



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: 19.657 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion: 45 Resp: 320779

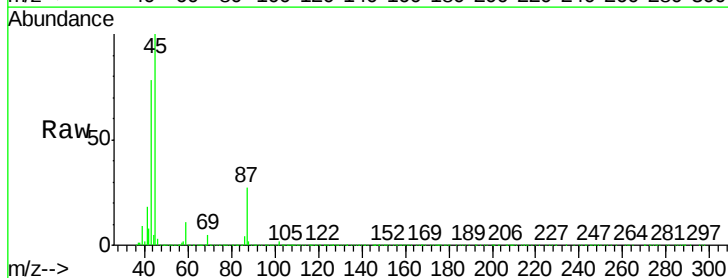
Ion Ratio Lower Upper

45 100

43 77.8 55.8 83.6

87 26.9 21.8 32.8

59 11.2 9.1 13.7

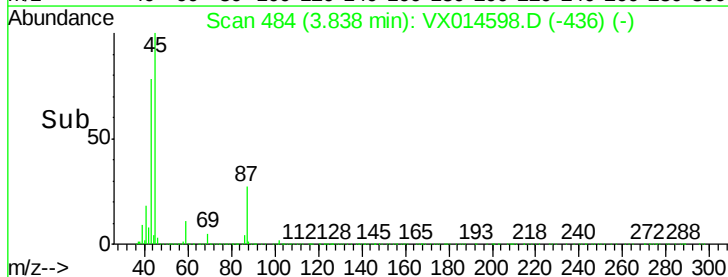
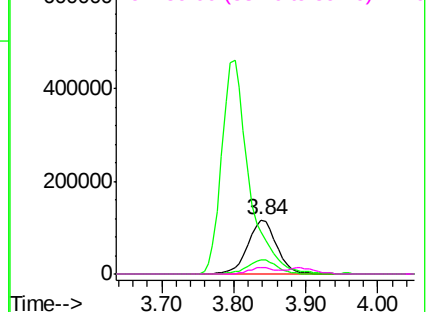


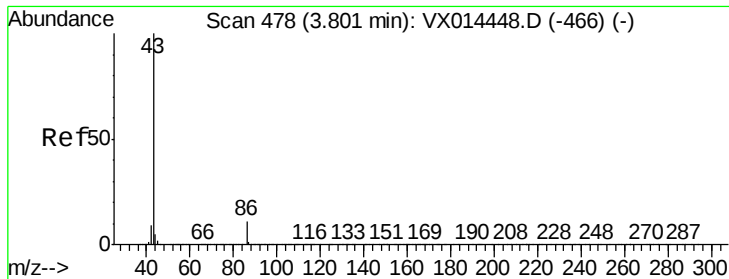
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 96.533 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

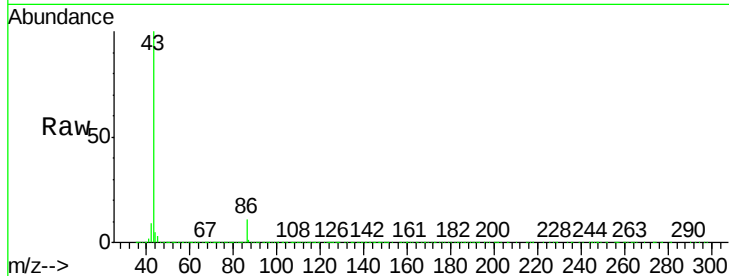
VX0114WBS01

Tgt Ion: 43 Resp: 1219646

Ion Ratio Lower Upper

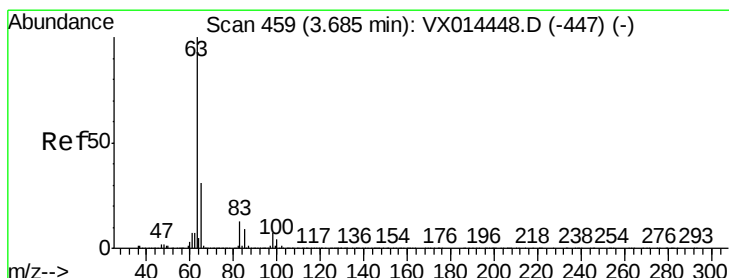
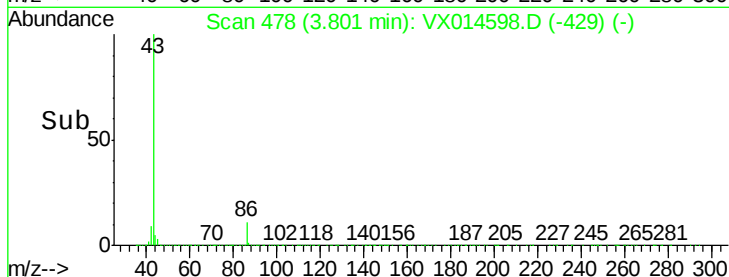
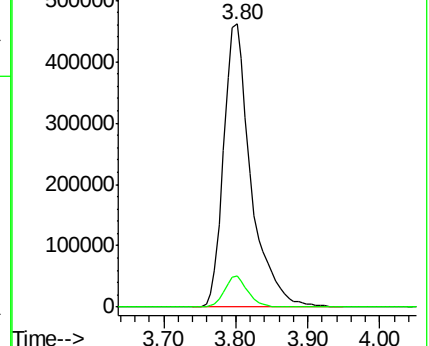
43 100

86 10.8 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: 18.986 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

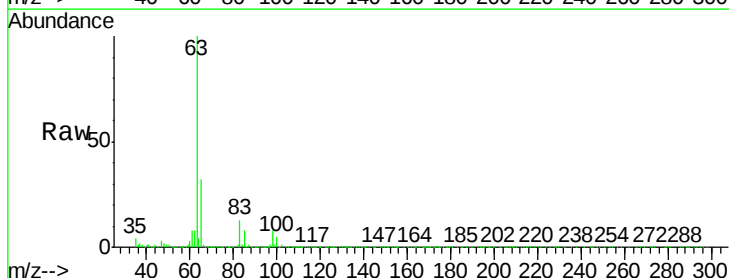
Tgt Ion: 63 Resp: 168549

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

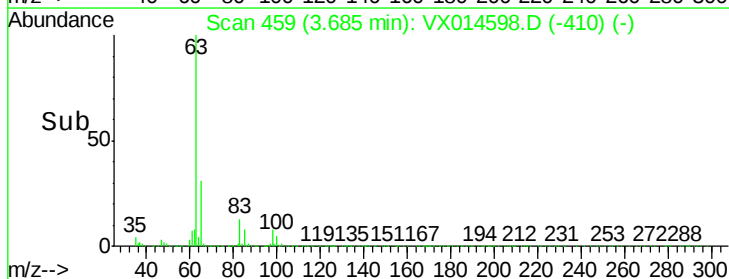
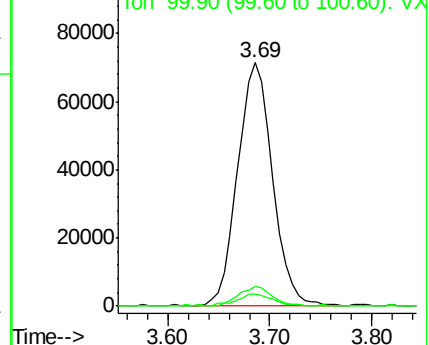
100 4.8 2.3 6.8

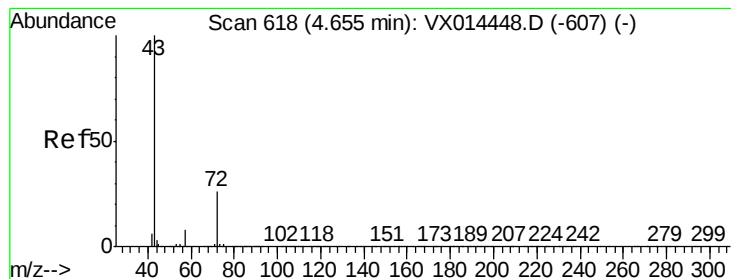


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.361 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

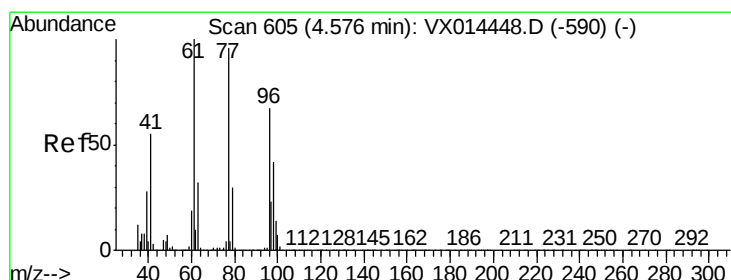
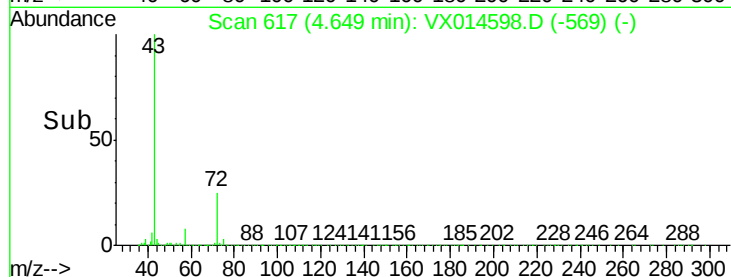
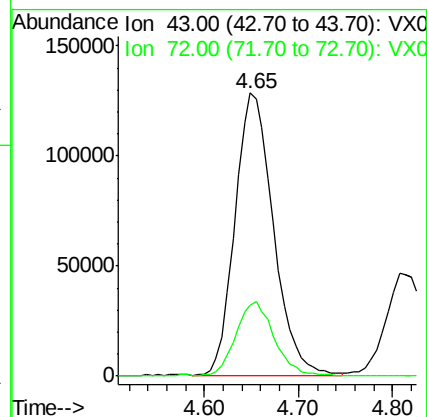
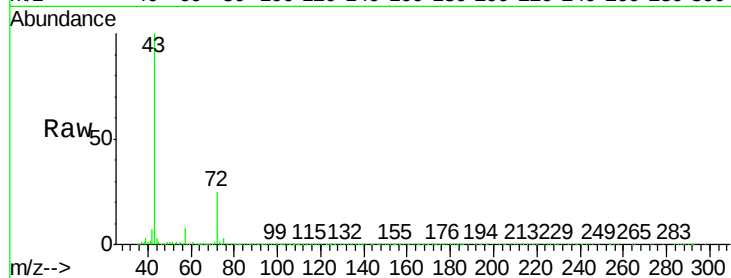
VX0114WBS01

Tgt Ion: 43 Resp: 362888

Ion Ratio Lower Upper

43 100

72 24.8 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.161 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014598.D

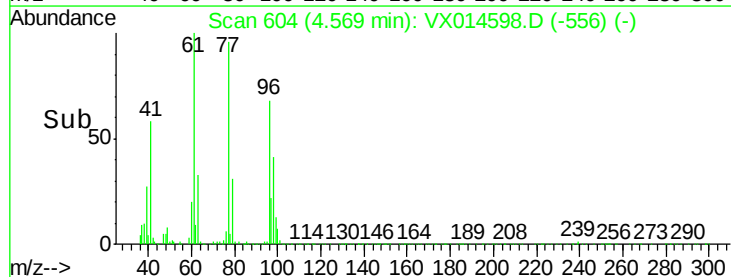
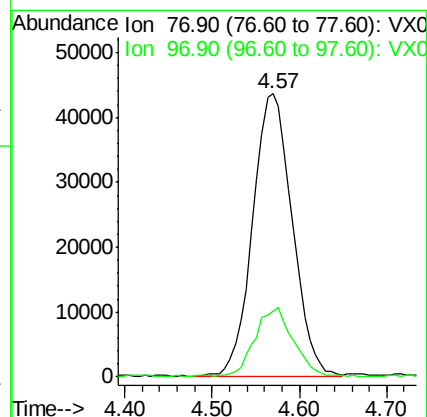
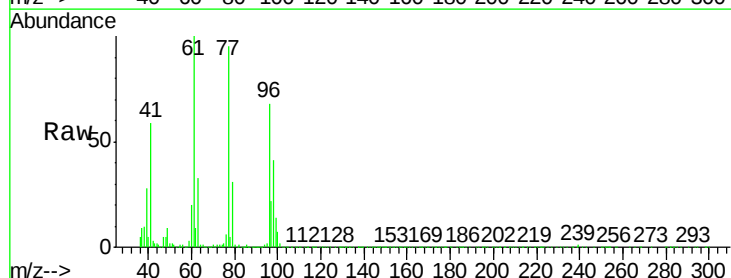
Acq: 14 Jan 2020 11:13

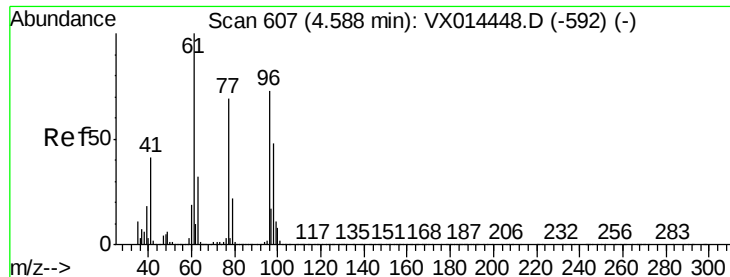
Tgt Ion: 77 Resp: 136577

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1



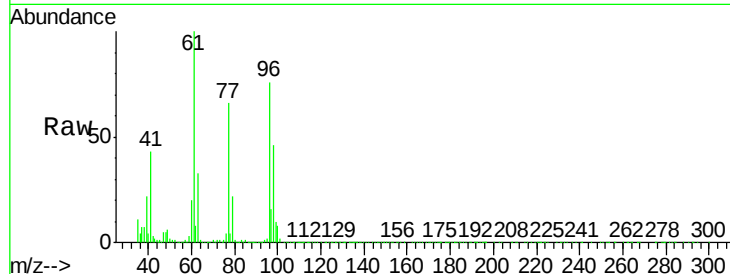


#27

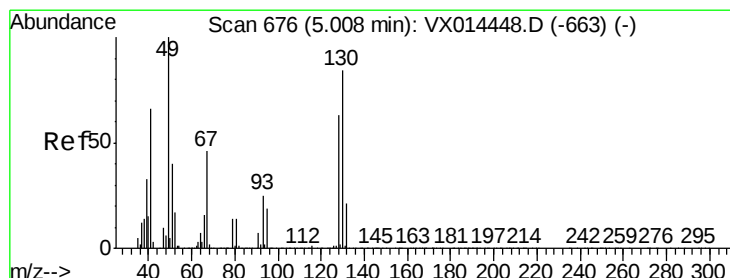
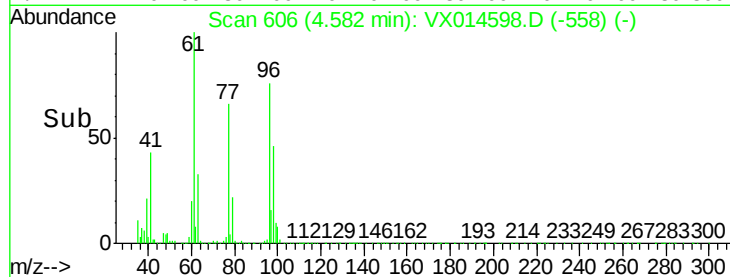
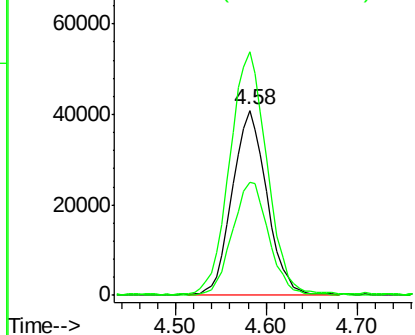
cis-1,2-Dichloroethene
Concen: 18.534 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	285.4
98	64.3	0.0	130.6



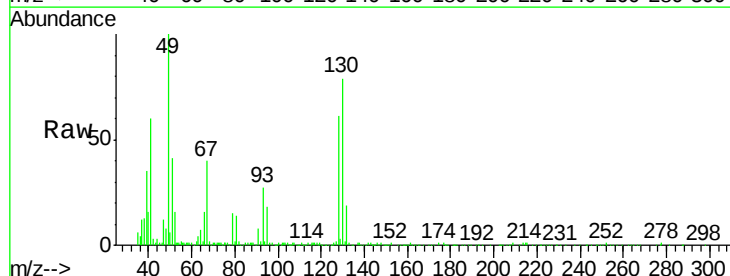
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



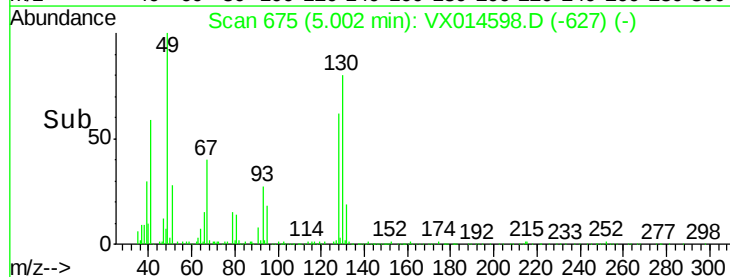
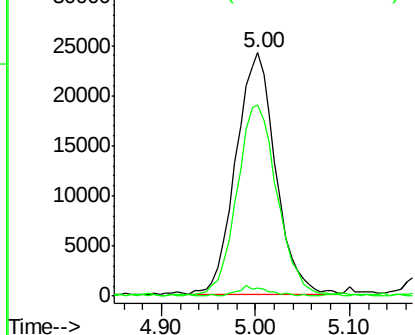
#28

Bromochloromethane
Concen: 18.983 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	79.1	67.0	100.4



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





#29

Tetrahydrofuran

Concen: 94.857 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

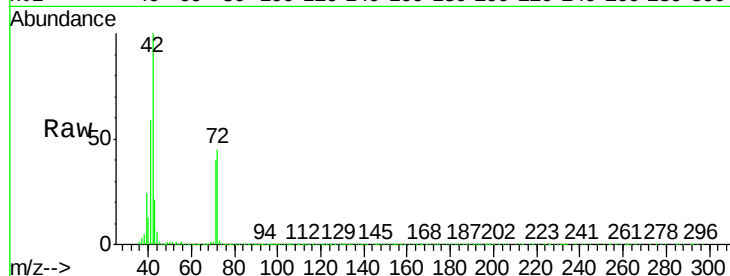
Tgt Ion: 42 Resp: 227749

Ion Ratio Lower Upper

42 100

72 45.2 36.2 54.4

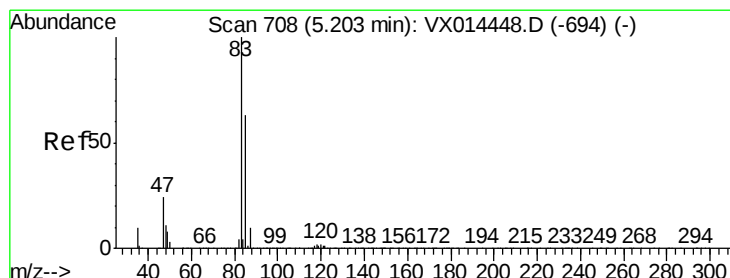
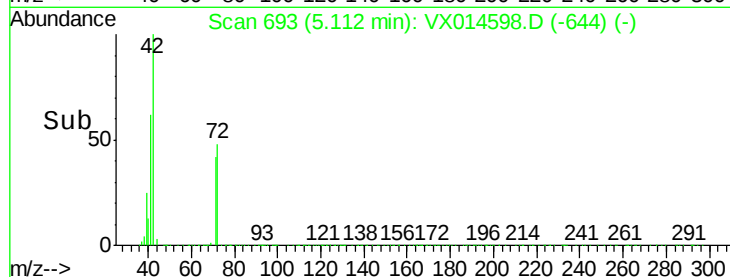
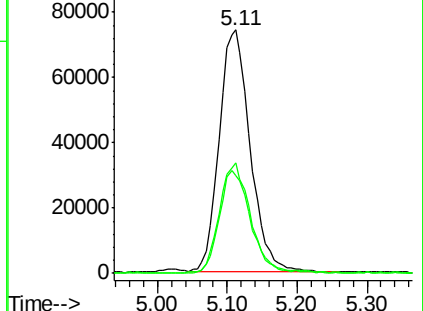
71 42.0 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.119 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014598.D

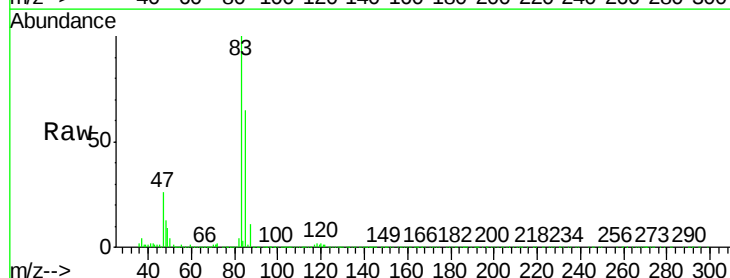
Acq: 14 Jan 2020 11:13

Tgt Ion: 83 Resp: 165854

Ion Ratio Lower Upper

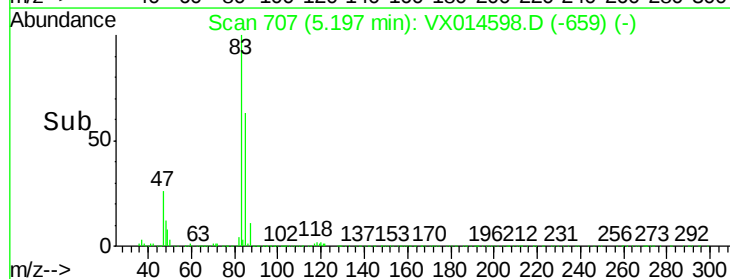
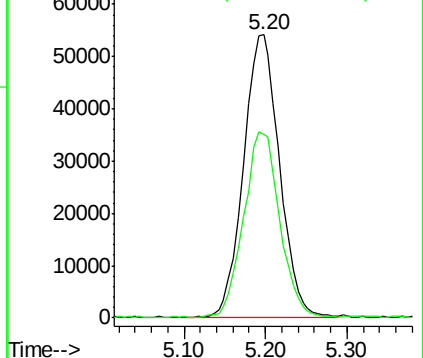
83 100

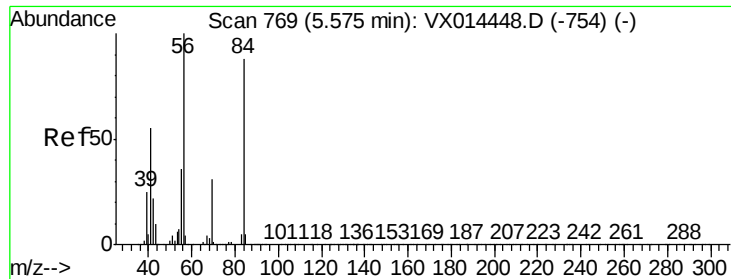
85 64.8 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.073 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

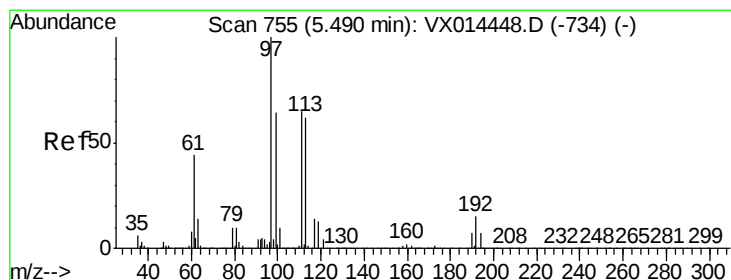
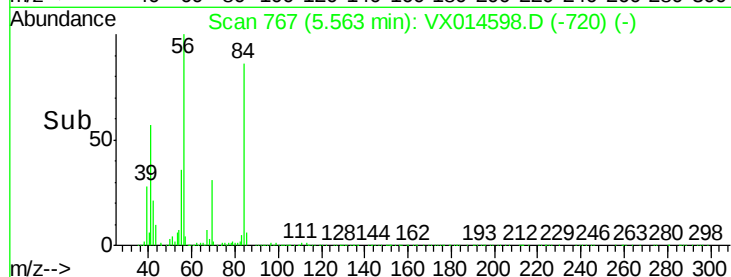
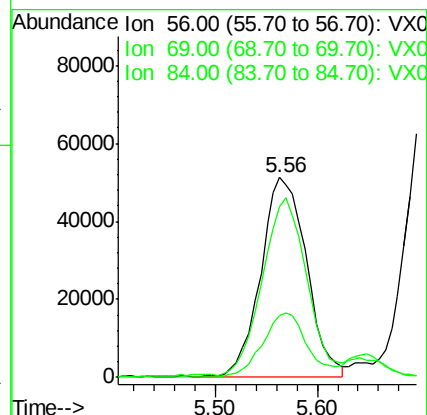
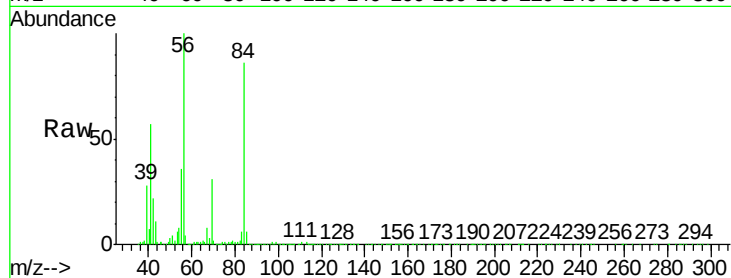
Tgt Ion: 56 Resp: 158488

Ion Ratio Lower Upper

56 100

69 31.0 24.4 36.6

84 84.2 70.6 106.0



#32

1,1,1-Trichloroethane

Concen: 18.796 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

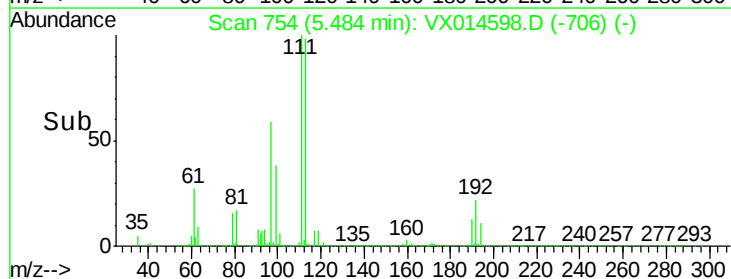
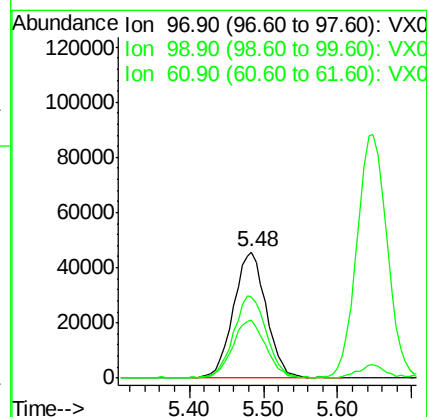
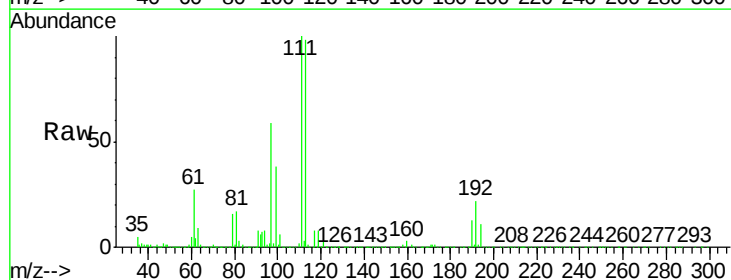
Tgt Ion: 97 Resp: 139567

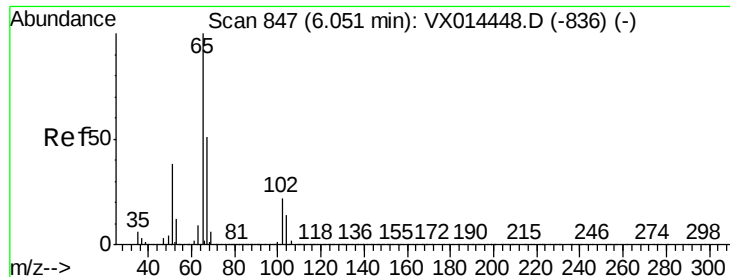
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

61 46.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.018 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

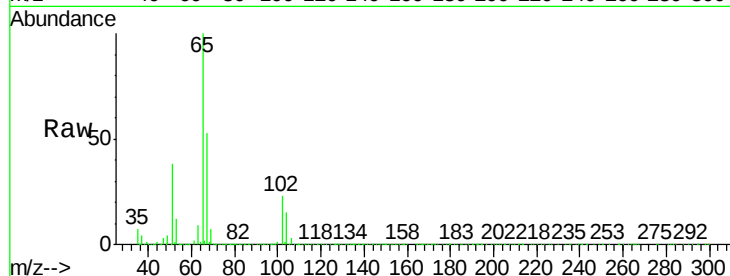
VX0114WBS01

Tgt Ion: 65 Resp: 261050

Ion Ratio Lower Upper

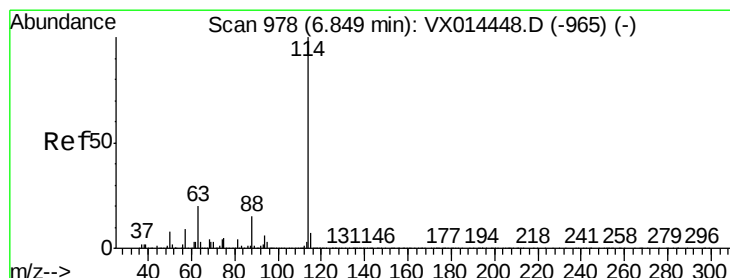
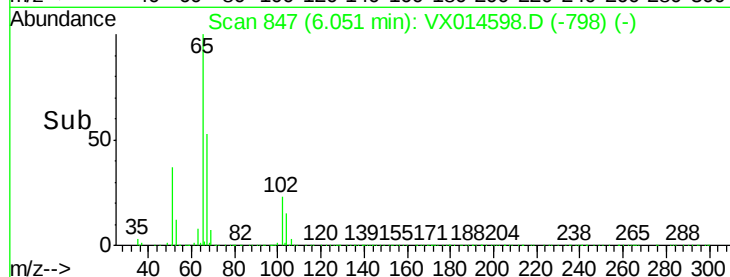
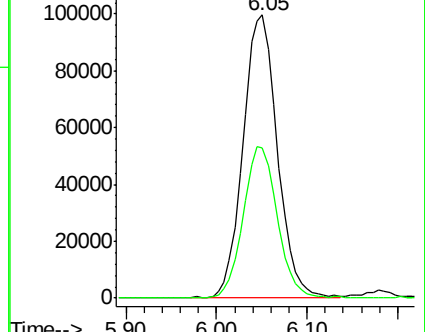
65 100

67 52.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

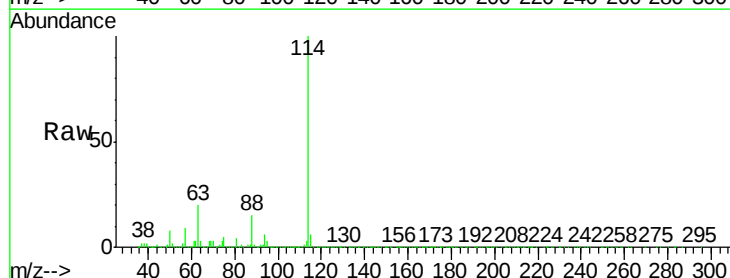
Tgt Ion: 114 Resp: 722955

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

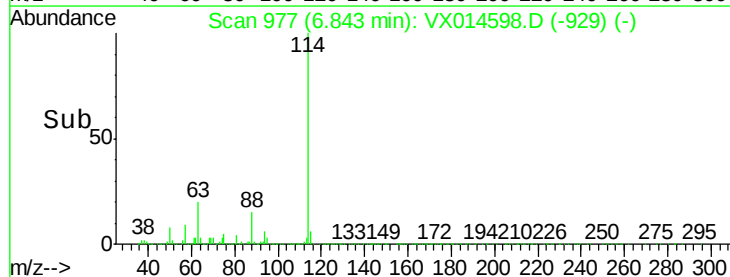
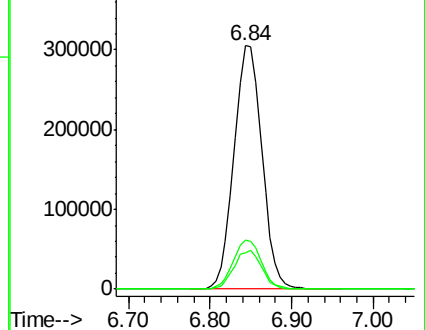
88 14.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.015 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

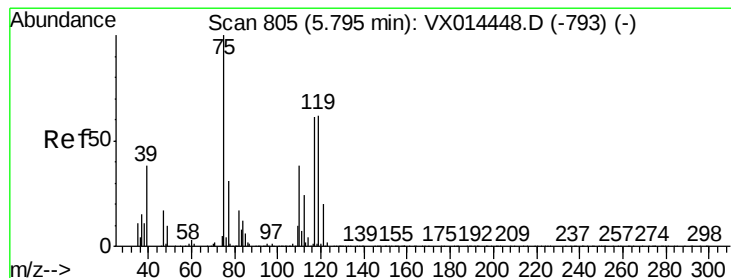
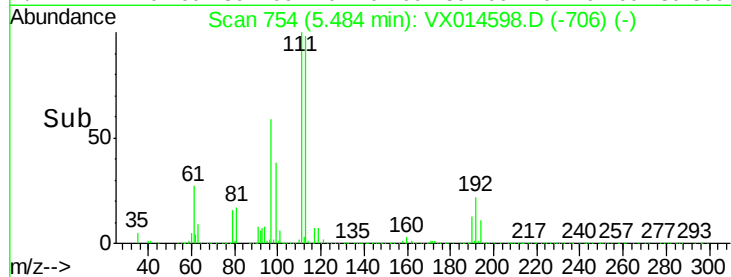
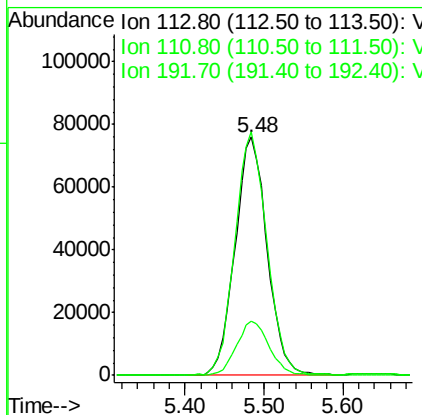
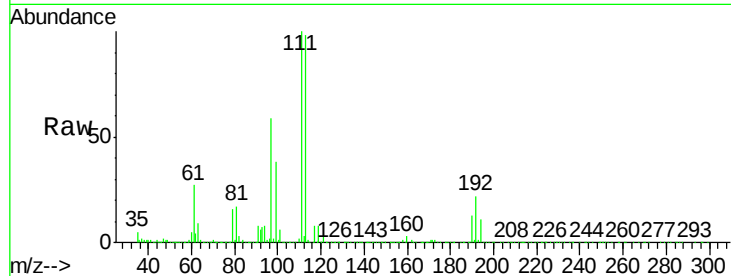
Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

Tgt Ion:	113	Resp:	214507
Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	23.2	19.2	28.8



#36

1,1-Dichloropropene

Concen: 18.691 ug/l

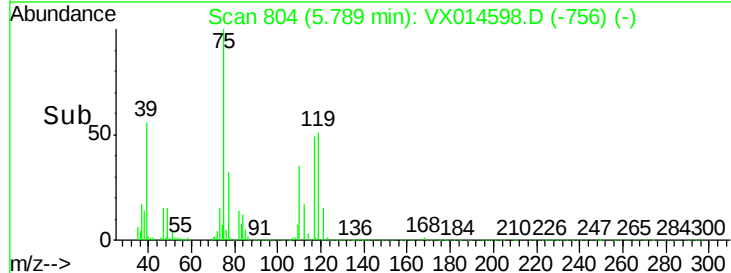
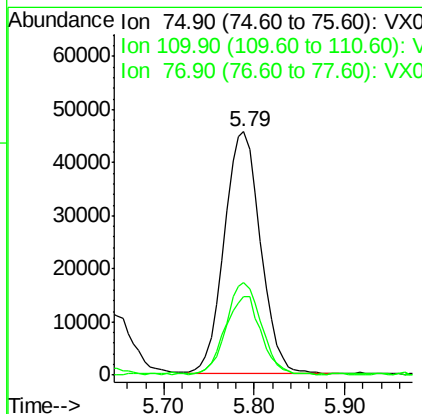
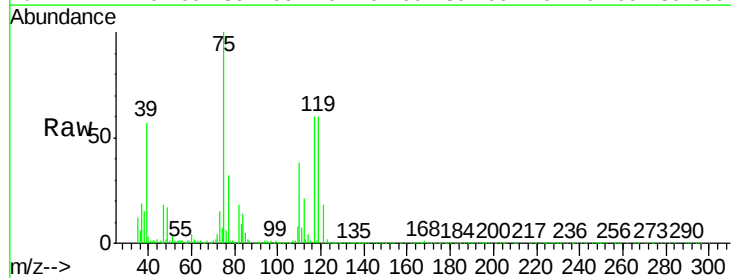
RT: 5.79 min Scan# 804

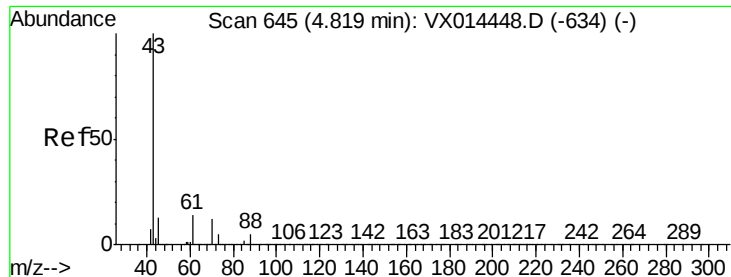
Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion:	75	Resp:	127074
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.6	55.8
77	30.7	24.5	36.7

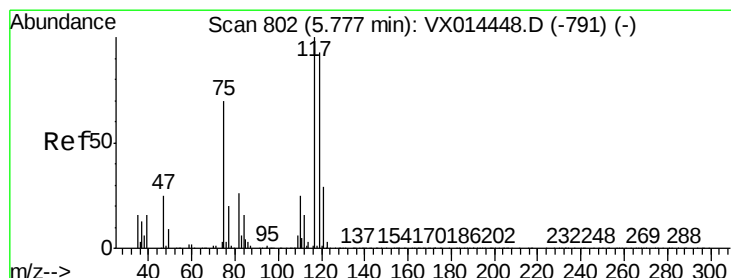
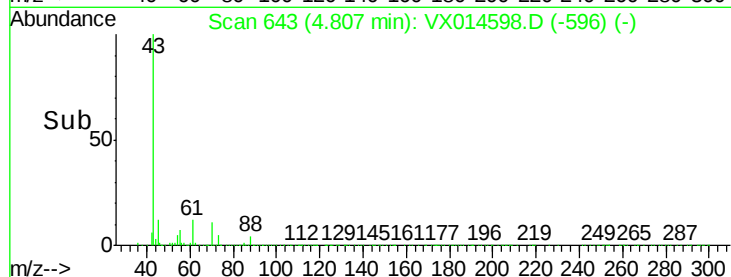
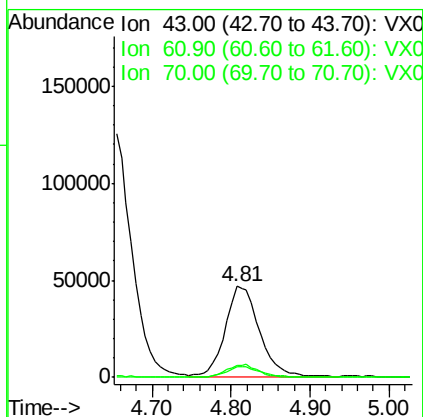
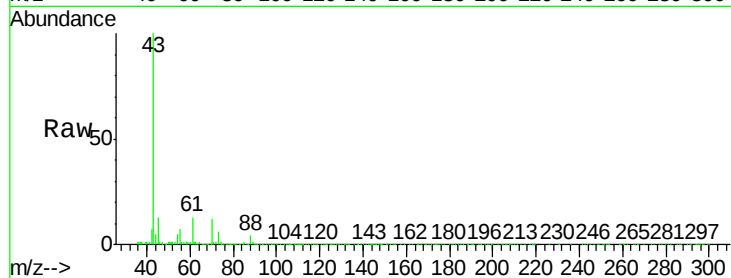




#37
Ethyl Acetate
Concen: 18.783 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

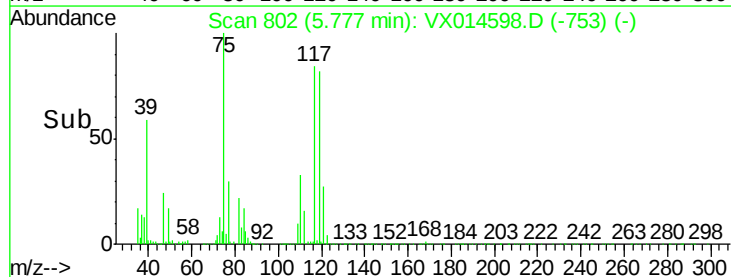
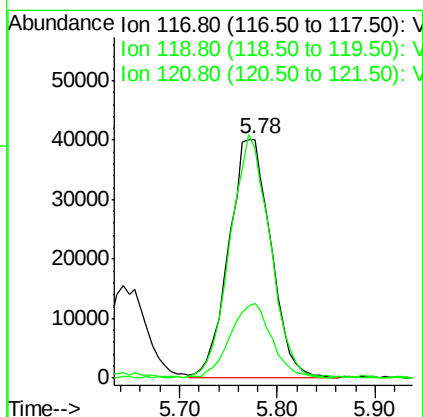
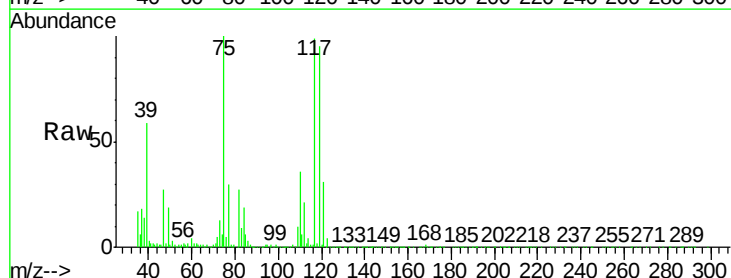
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

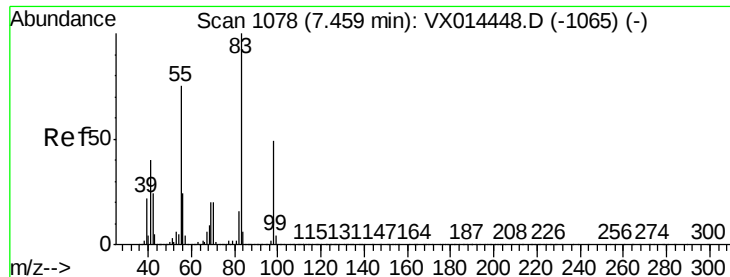
Tgt Ion: 43 Resp: 138708
Ion Ratio Lower Upper
43 100
61 12.7 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.997 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 117 Resp: 118854
Ion Ratio Lower Upper
117 100
119 96.0 73.8 110.8
121 30.8 23.4 35.0

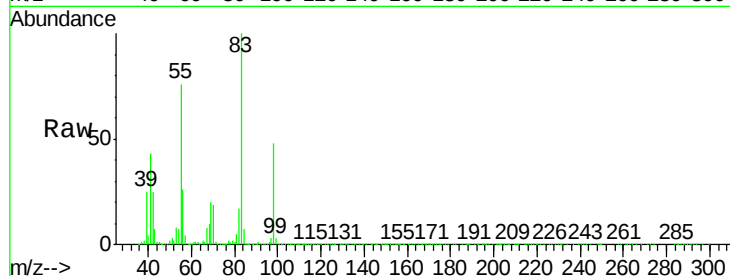




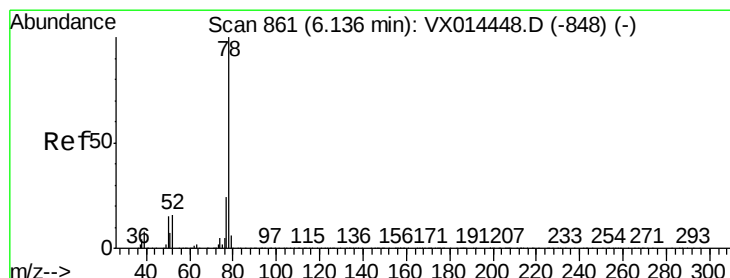
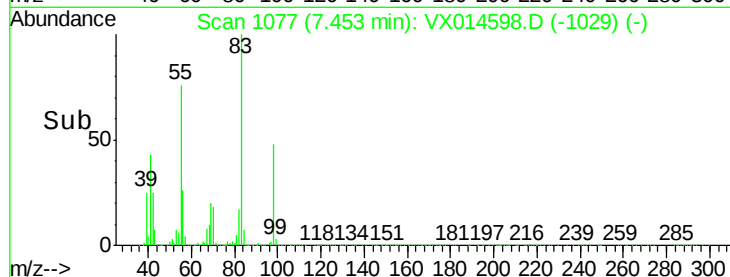
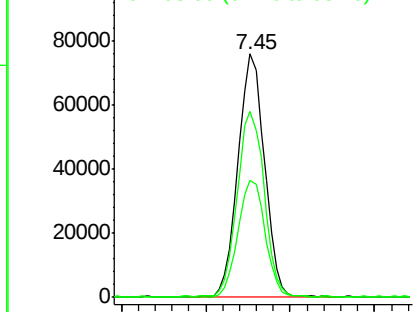
#39
Methylcyclohexane
Concen: 18.790 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 83 Resp: 160492
Ion Ratio Lower Upper
83 100
55 76.1 59.7 89.5
98 47.9 39.1 58.7

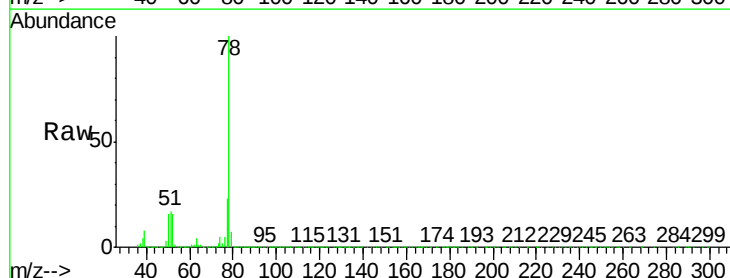


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

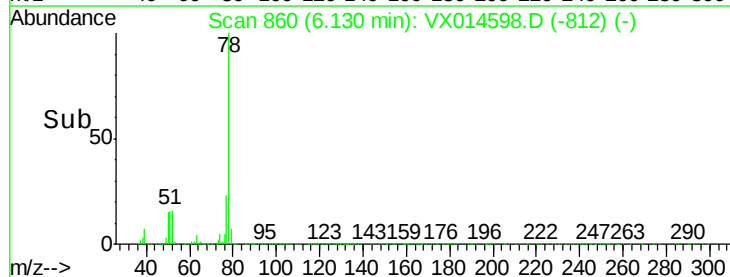
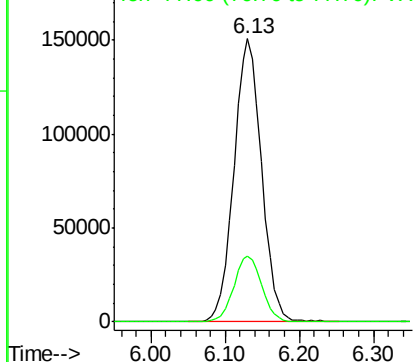


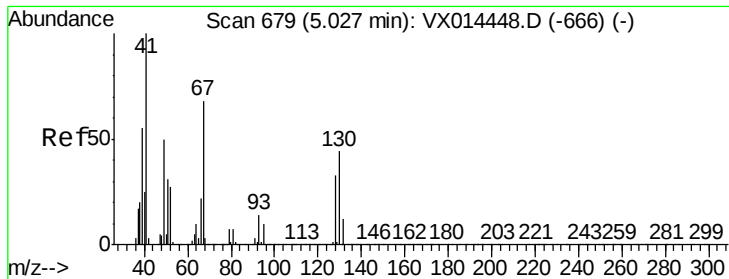
#40
Benzene
Concen: 19.363 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 78 Resp: 390708
Ion Ratio Lower Upper
78 100
77 23.3 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

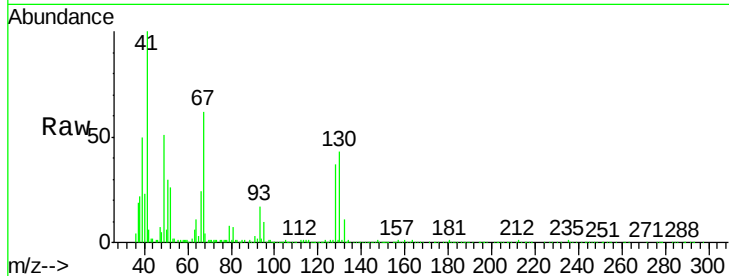




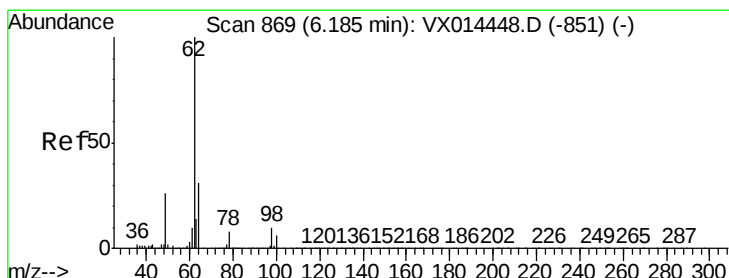
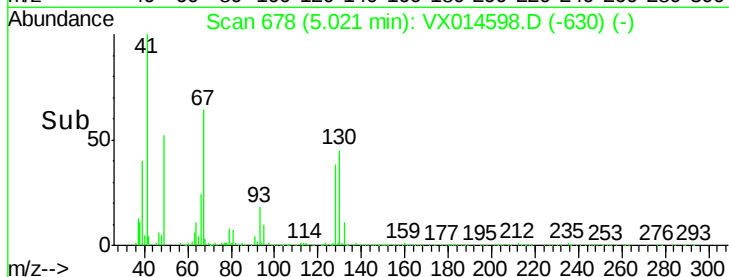
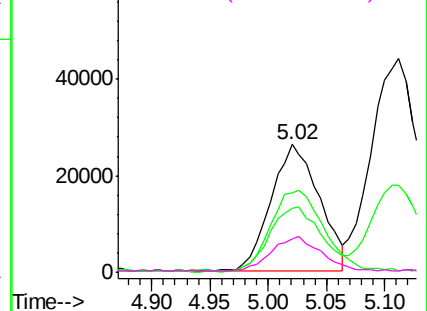
#41
Methacrylonitrile
Concen: 19.297 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:	41	Resp:	75996
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.6	65.4
67	70.9	57.9	86.9
52	30.8	23.0	34.6

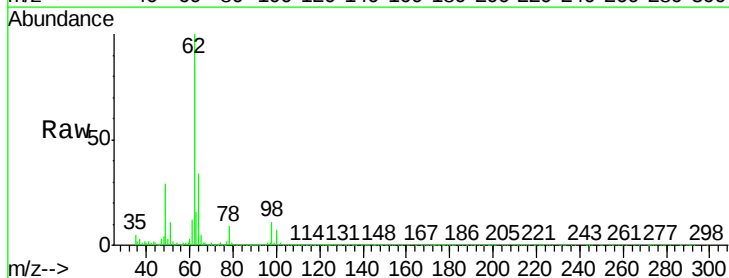


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

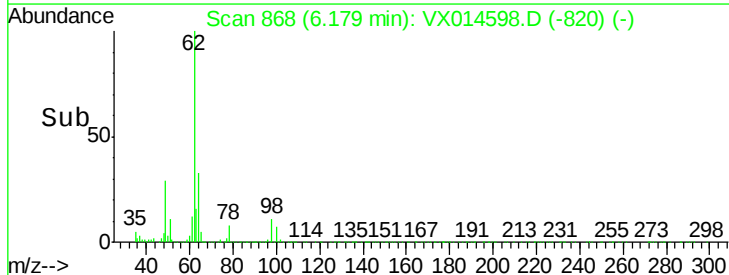
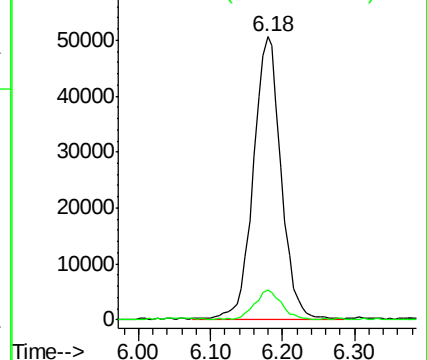


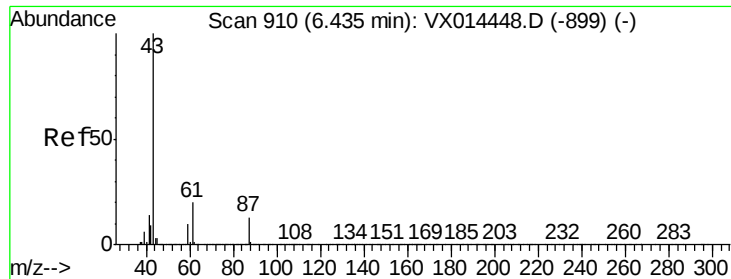
#42
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion:	62	Resp:	136062
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 18.715 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

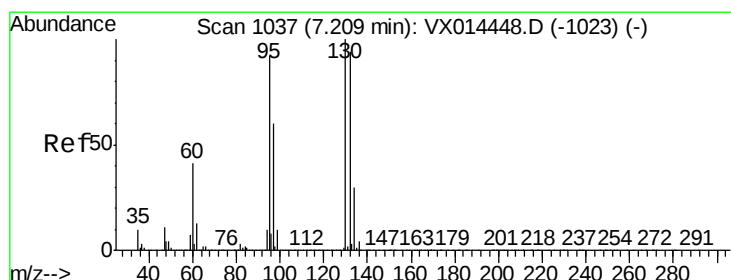
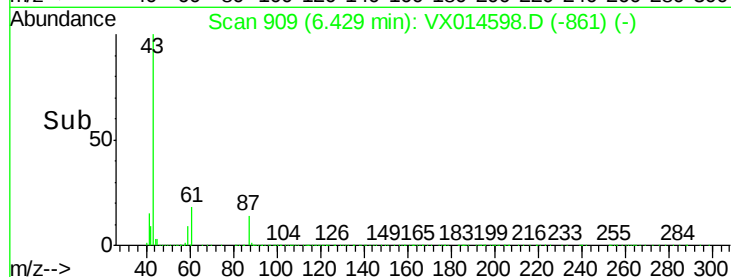
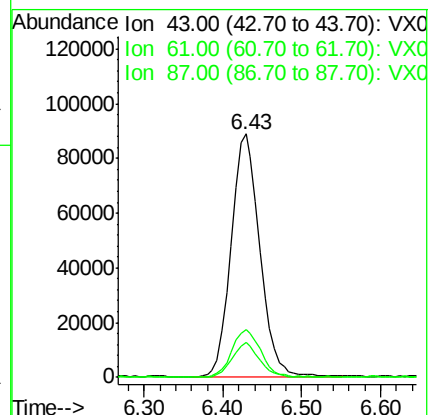
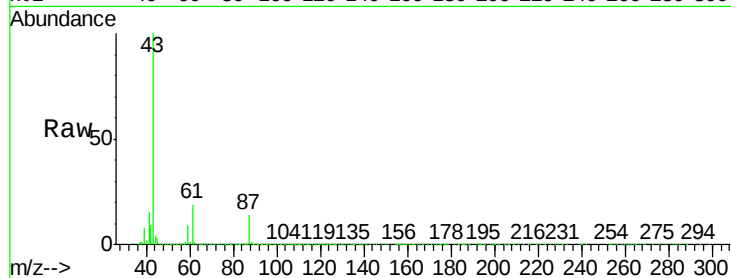
Tgt Ion: 43 Resp: 223262

Ion Ratio Lower Upper

43 100

61 19.4 16.6 24.8

87 13.3 10.8 16.2



#44

Trichloroethene

Concen: 18.581 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014598.D

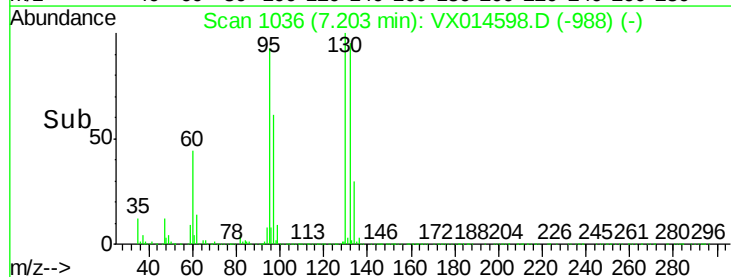
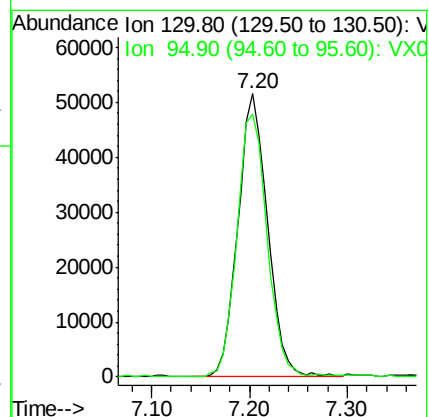
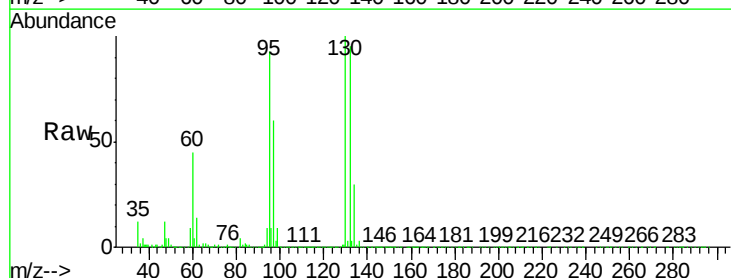
Acq: 14 Jan 2020 11:13

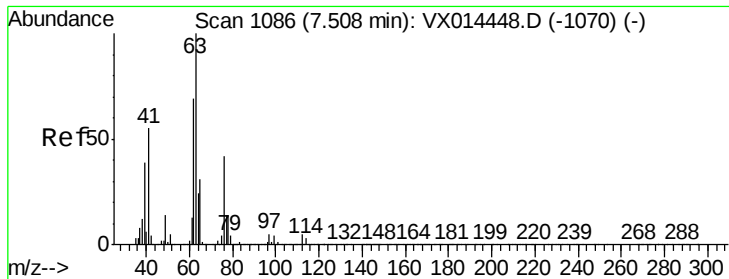
Tgt Ion: 130 Resp: 107750

Ion Ratio Lower Upper

130 100

95 92.7 0.0 184.2





#45

1,2-Dichloropropane

Concen: 19.973 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

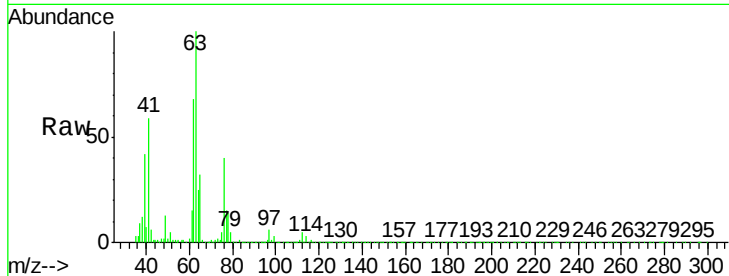
VX0114WBS01

Tgt Ion: 63 Resp: 102752

Ion Ratio Lower Upper

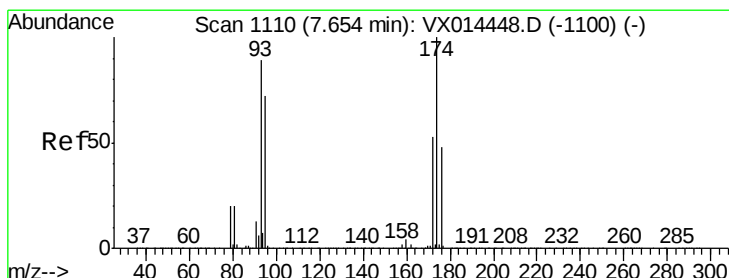
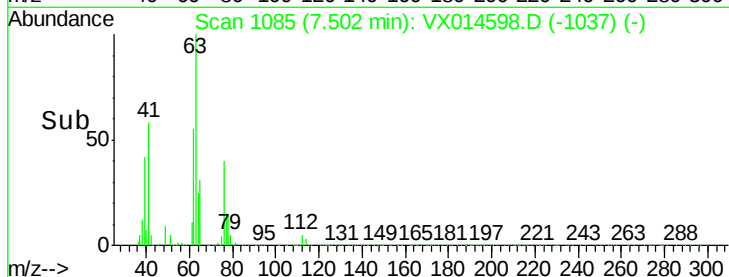
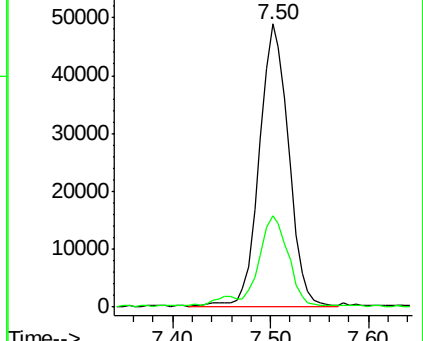
63 100

65 31.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.728 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

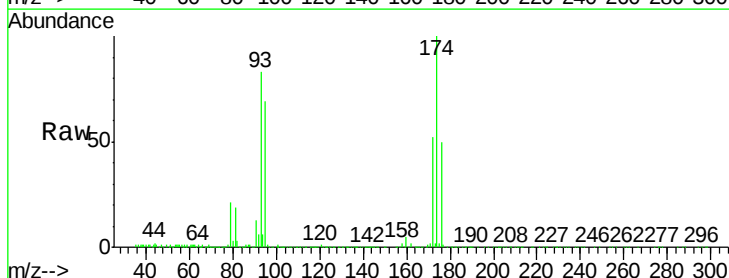
Tgt Ion: 93 Resp: 63655

Ion Ratio Lower Upper

93 100

95 85.2 65.4 98.2

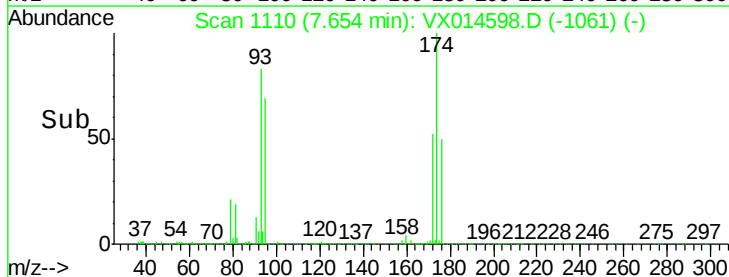
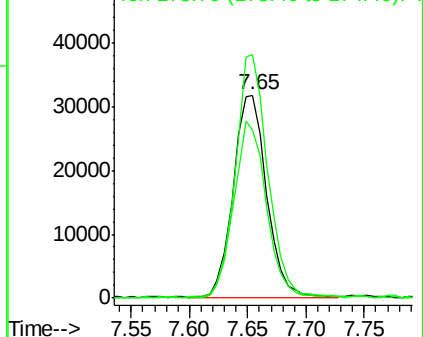
174 116.2 93.0 139.4

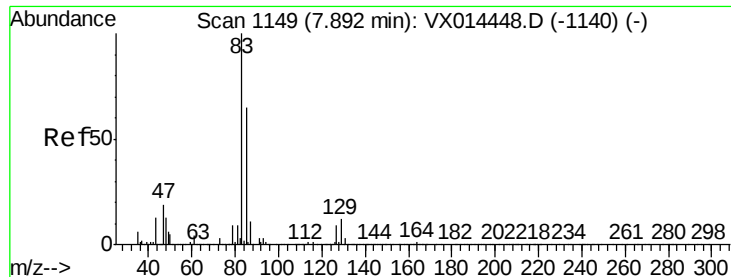


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.383 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

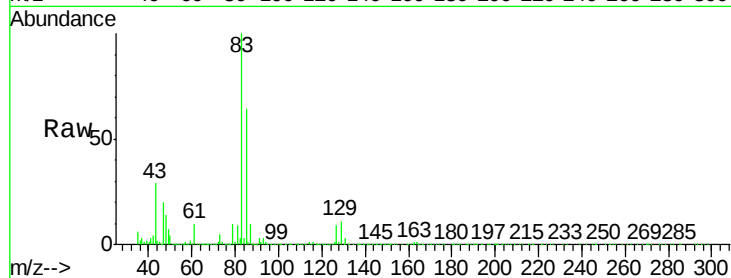
Tgt Ion: 83 Resp: 126642

Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5

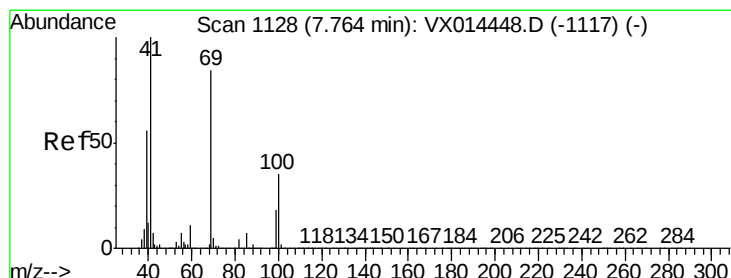
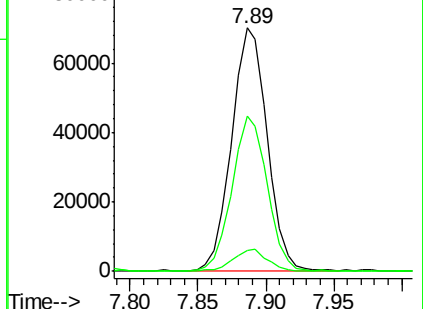
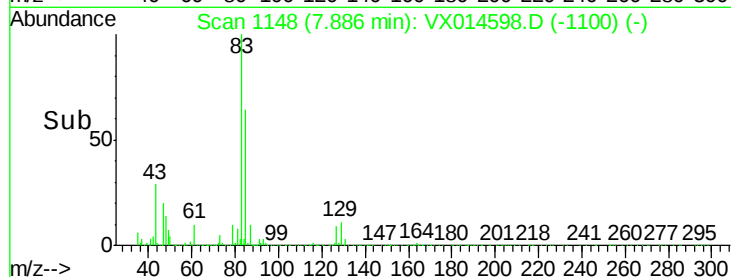
127 8.4 7.1 10.7



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: 19.131 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

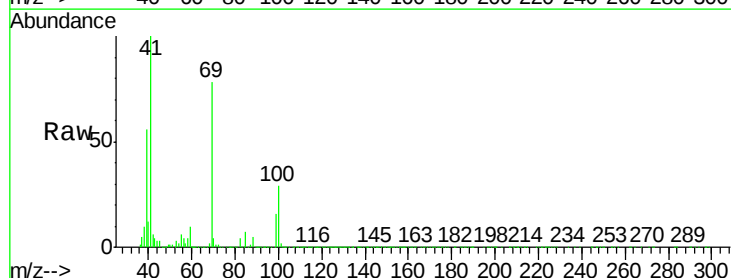
Tgt Ion: 41 Resp: 109307

Ion Ratio Lower Upper

41 100

69 80.7 65.5 98.3

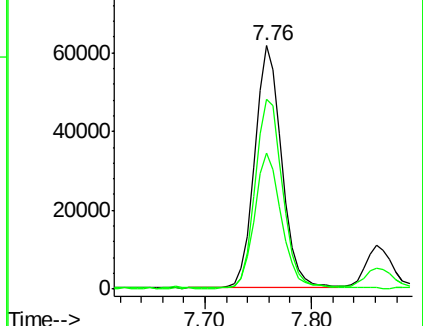
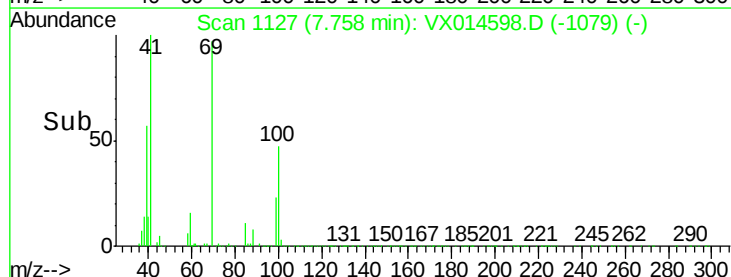
39 55.3 43.9 65.9

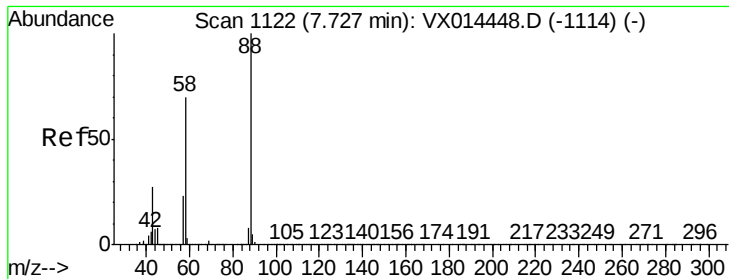


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 366.946 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

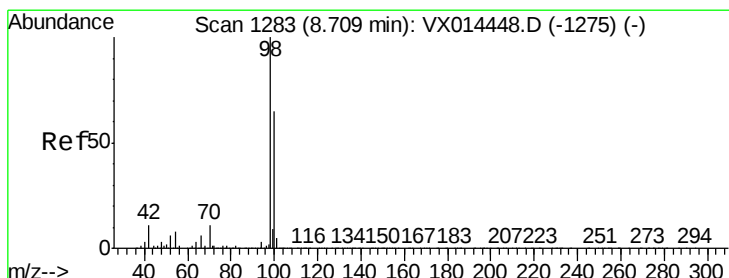
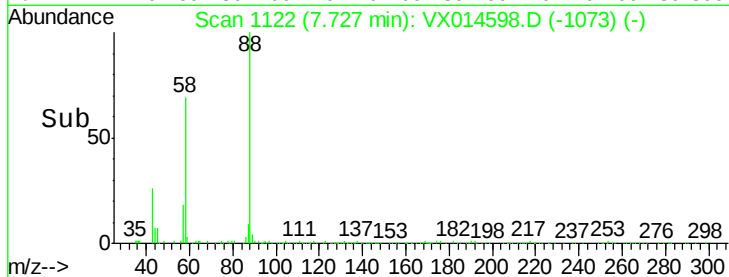
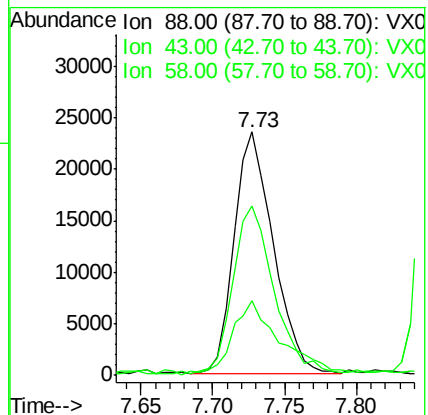
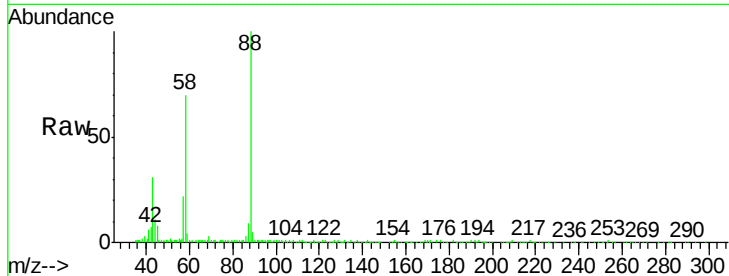
Tgt Ion: 88 Resp: 44425

Ion Ratio Lower Upper

88 100

43 38.7 27.4 41.0

58 73.3 57.1 85.7



#50

Toluene-d8

Concen: 49.577 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014598.D

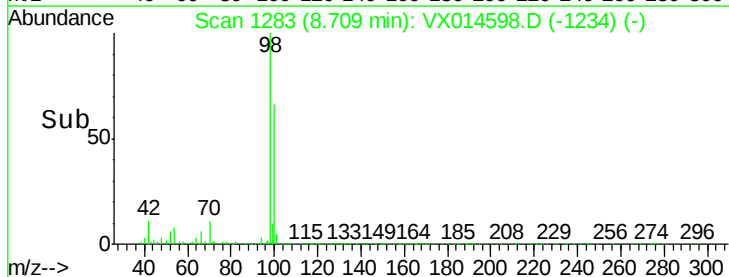
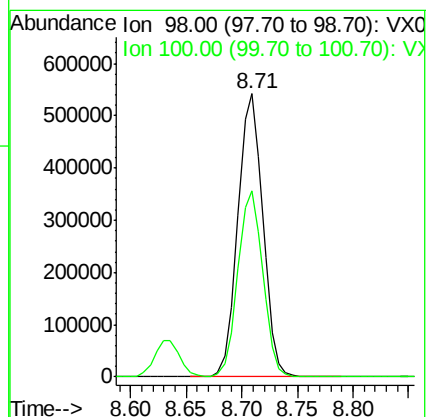
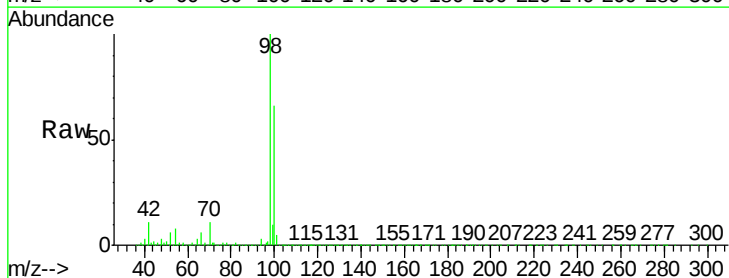
Acq: 14 Jan 2020 11:13

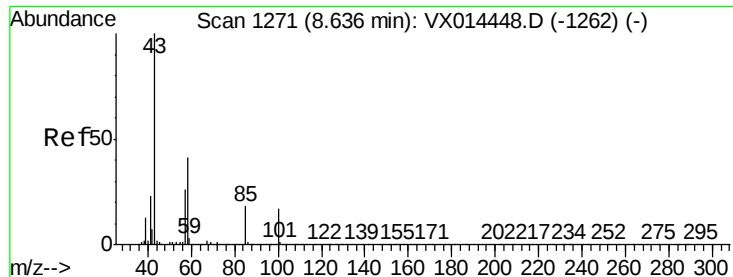
Tgt Ion: 98 Resp: 841969

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8

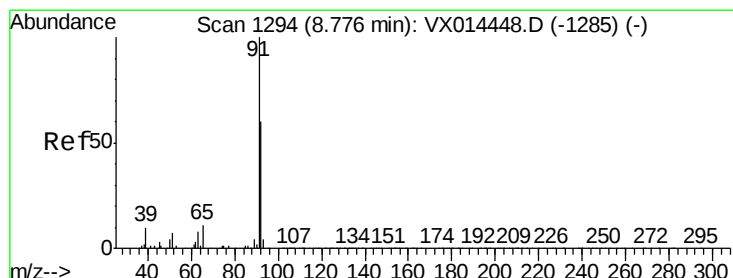
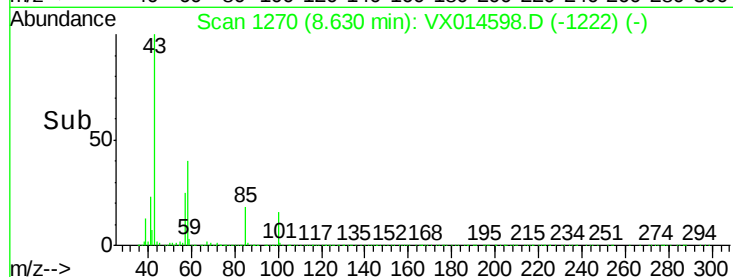
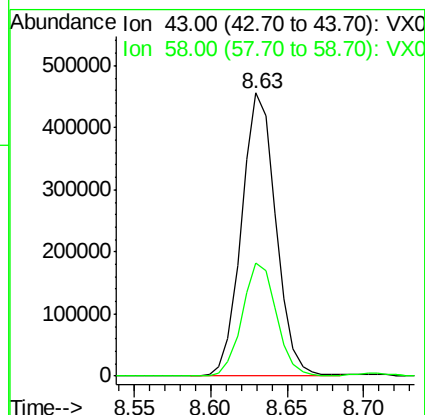
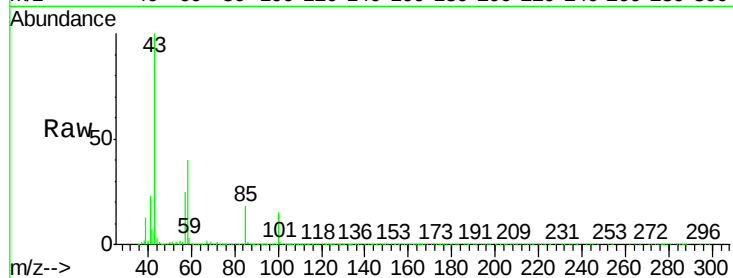




#51
 4-Methyl-2-Pentanone
 Concen: 97.430 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

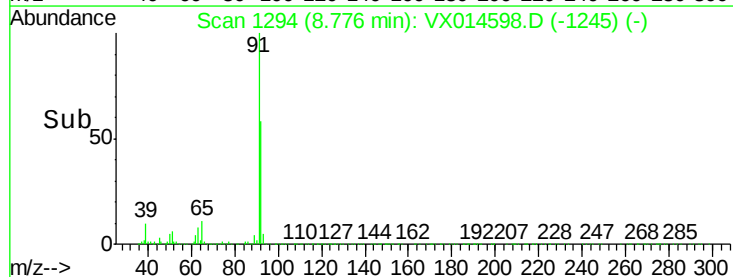
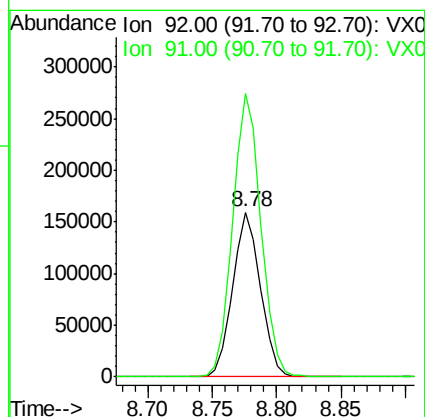
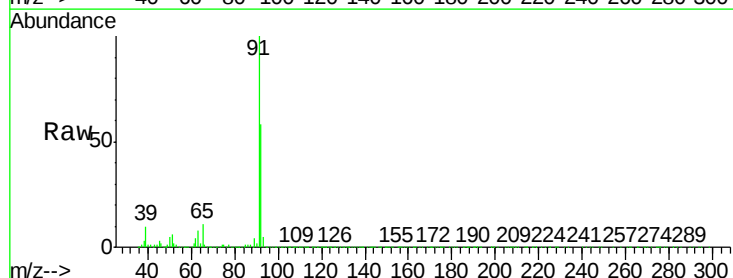
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

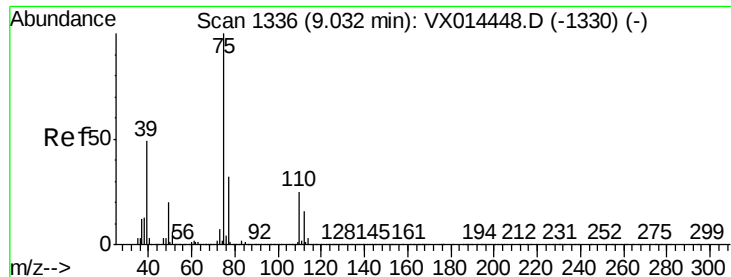
Tgt Ion: 43 Resp: 708275
 Ion Ratio Lower Upper
 43 100
 58 39.7 32.4 48.6



#52
 Toluene
 Concen: 18.624 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion: 92 Resp: 240569
 Ion Ratio Lower Upper
 92 100
 91 174.3 135.7 203.5

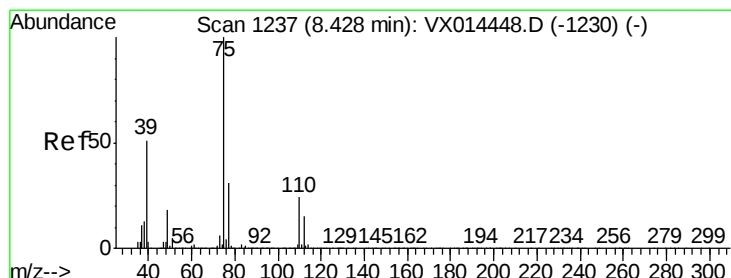
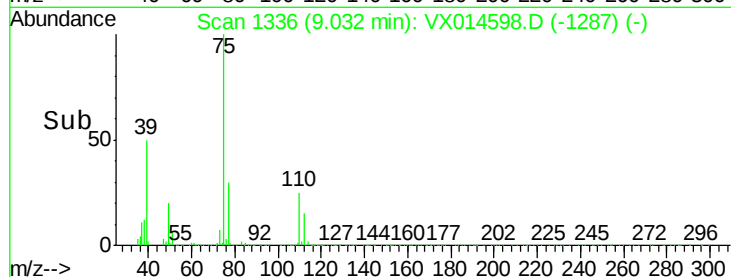
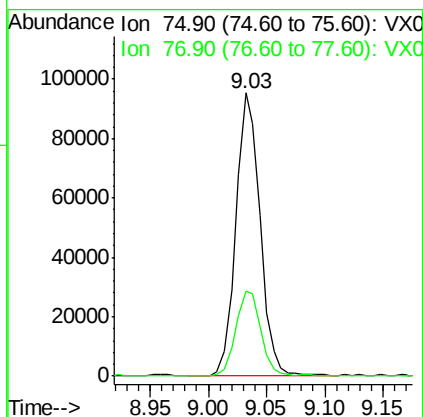
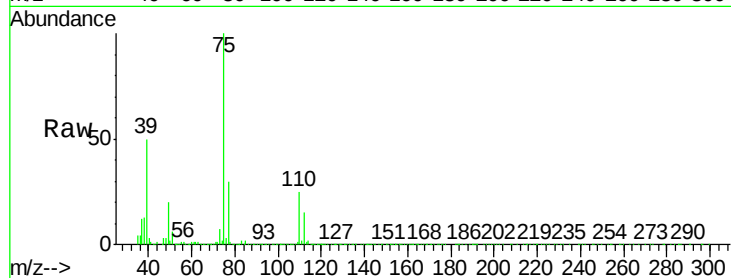




#53
t-1,3-Dichloropropene
Concen: 18.070 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

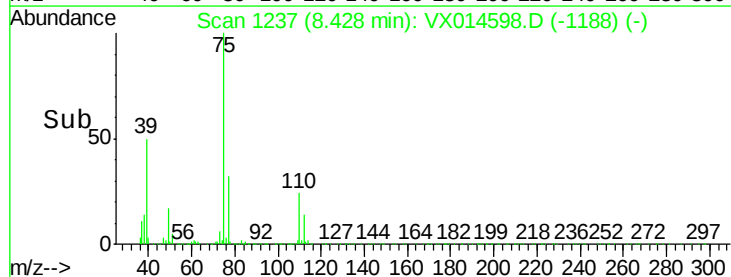
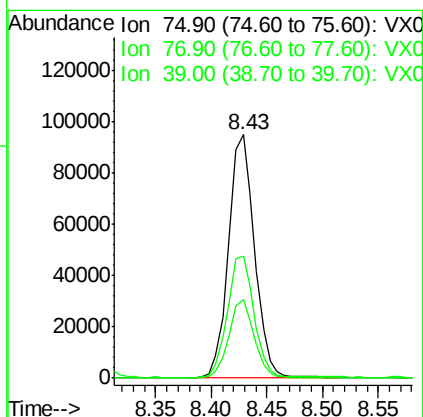
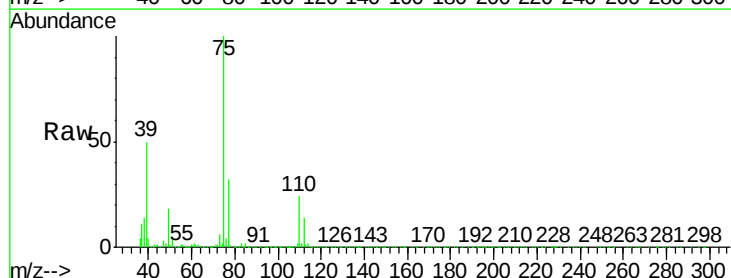
Instrument :
MSVOA_X
ClientSampled :
VX0114WBS01

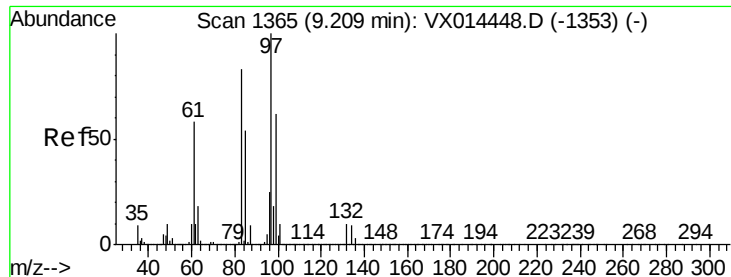
Tgt Ion: 75 Resp: 137450
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.729 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 75 Resp: 153896
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4
39 49.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 19.219 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

Tgt Ion: 97 Resp: 99713

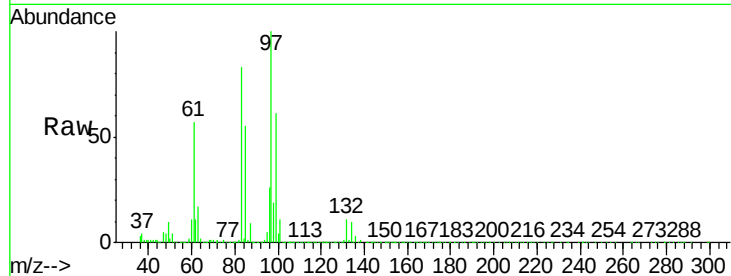
Ion Ratio Lower Upper

97 100

83 82.9 66.4 99.6

85 54.5 43.4 65.2

99 60.3 49.6 74.4

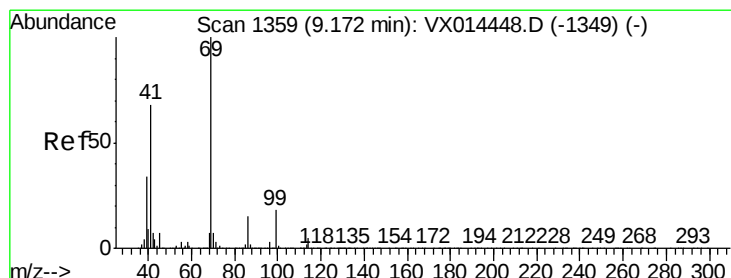
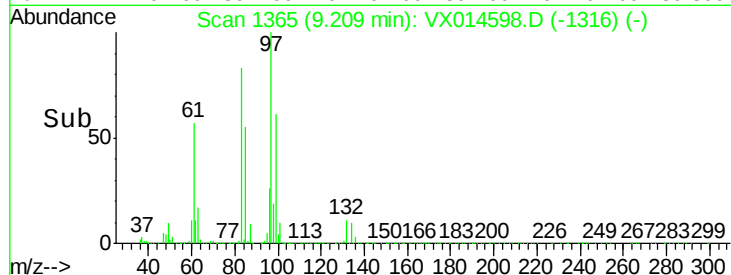
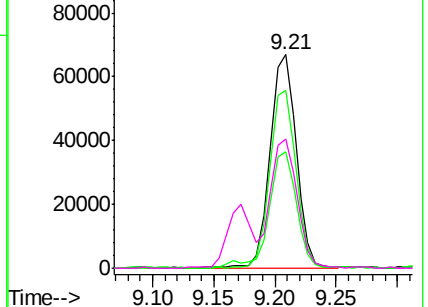


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.584 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

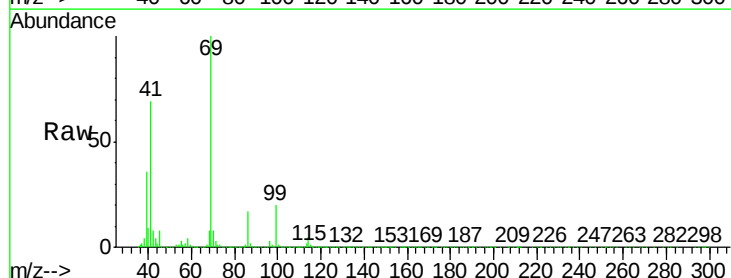
Tgt Ion: 69 Resp: 147718

Ion Ratio Lower Upper

69 100

41 69.6 54.2 81.2

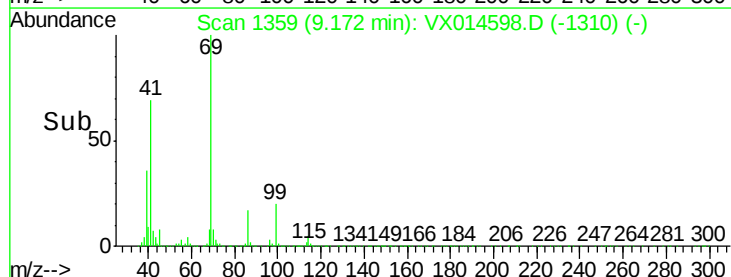
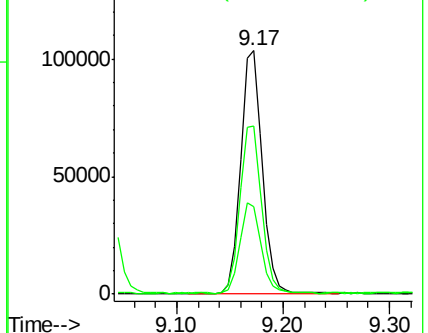
39 36.4 28.2 42.2

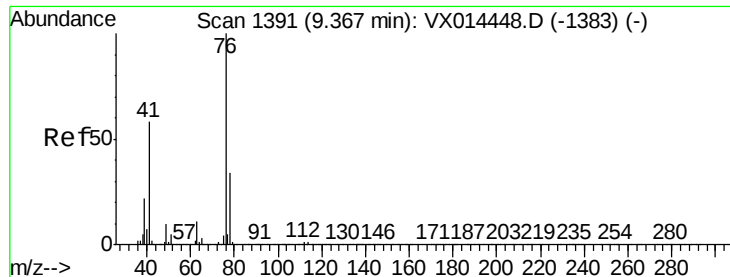


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.248 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

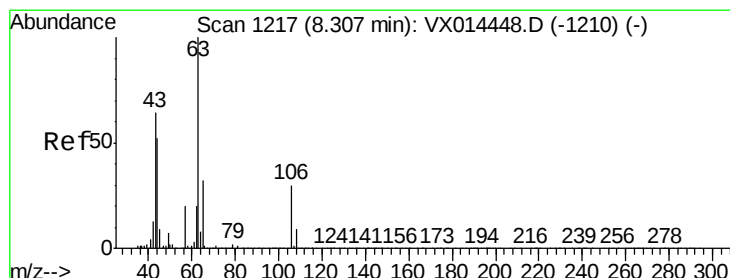
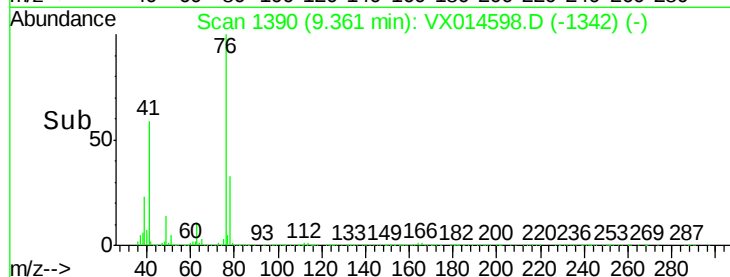
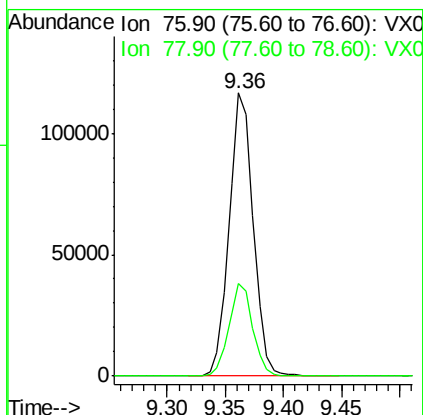
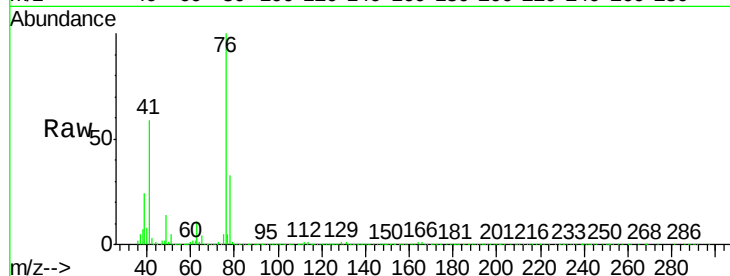
VX0114WBS01

Tgt Ion: 76 Resp: 166973

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.226 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014598.D

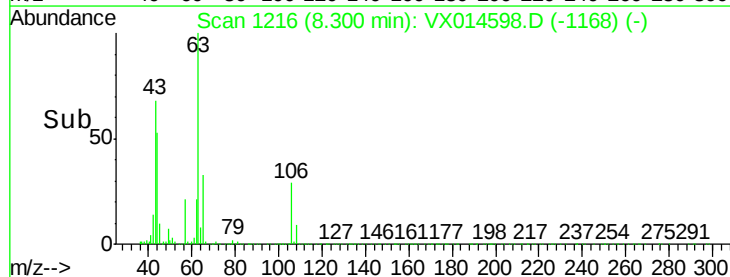
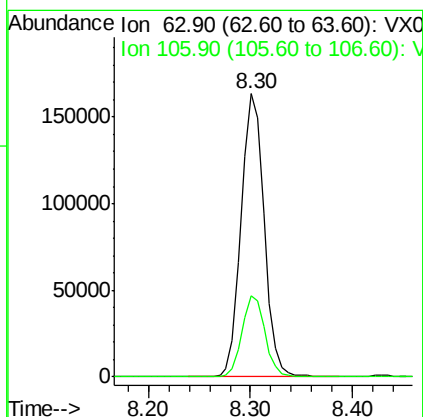
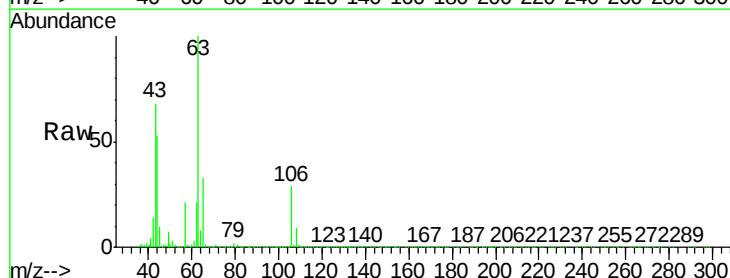
Acq: 14 Jan 2020 11:13

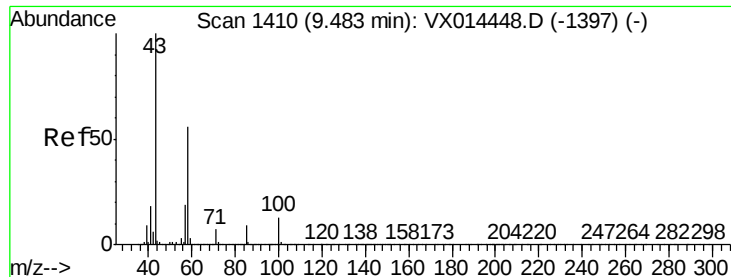
Tgt Ion: 63 Resp: 254828

Ion Ratio Lower Upper

63 100

106 28.5 23.6 35.4

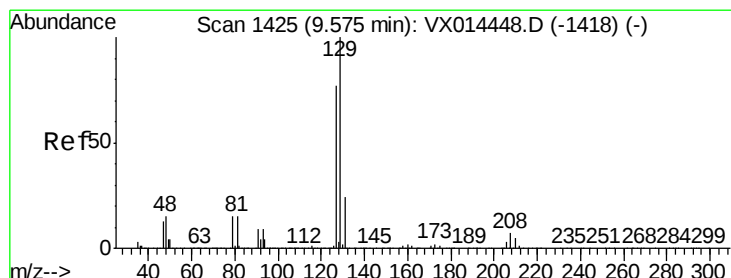
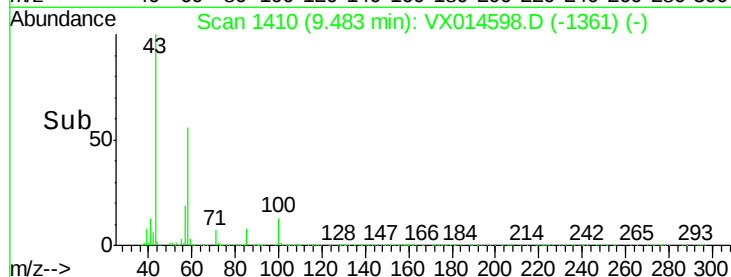
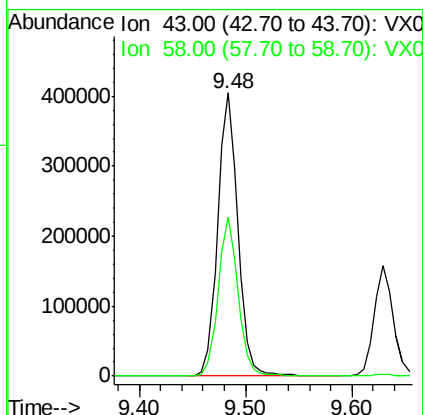
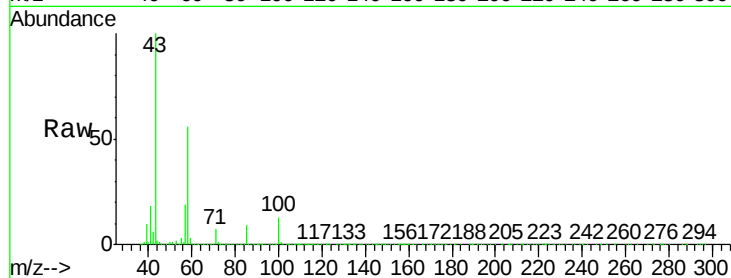




#59
2-Hexanone
Concen: 92.432 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

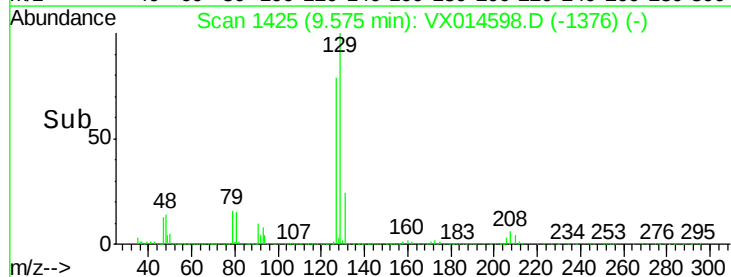
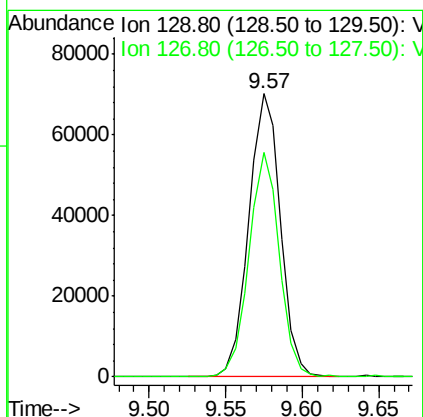
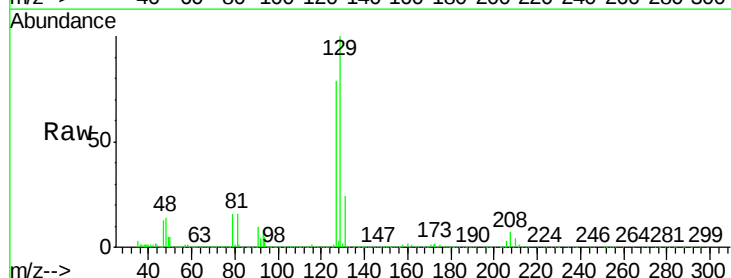
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

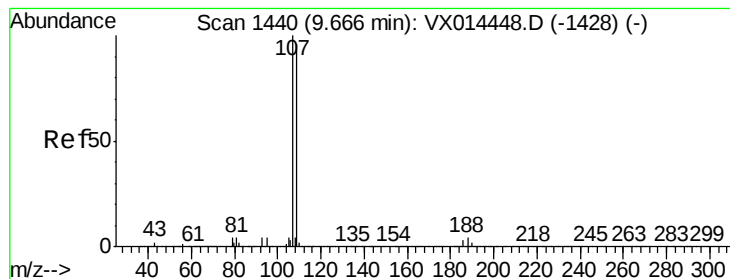
Tgt Ion: 43 Resp: 531668
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.7



#60
Dibromochloromethane
Concen: 19.330 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 129 Resp: 100805
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.681 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

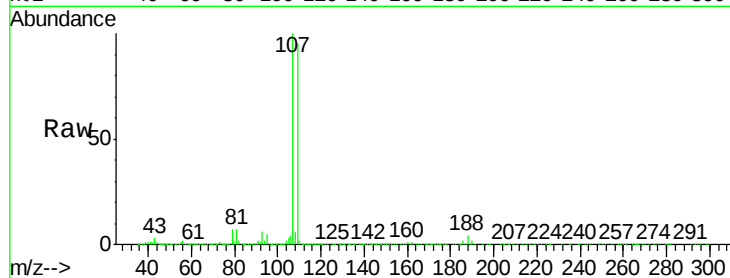
VX0114WBS01

Tgt Ion: 107 Resp: 102668

Ion Ratio Lower Upper

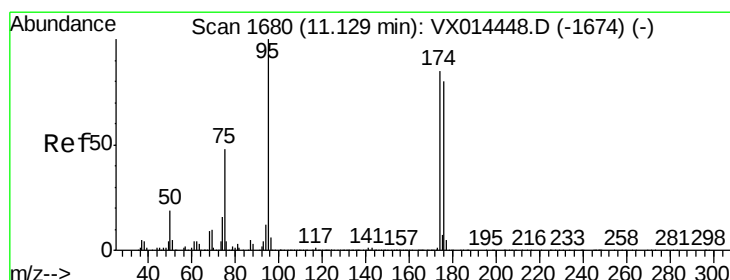
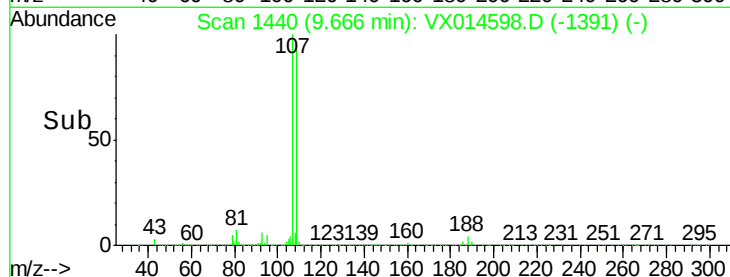
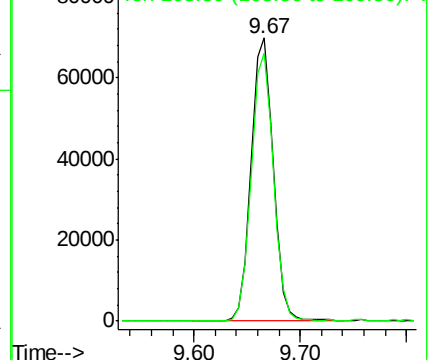
107 100

109 94.4 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.717 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

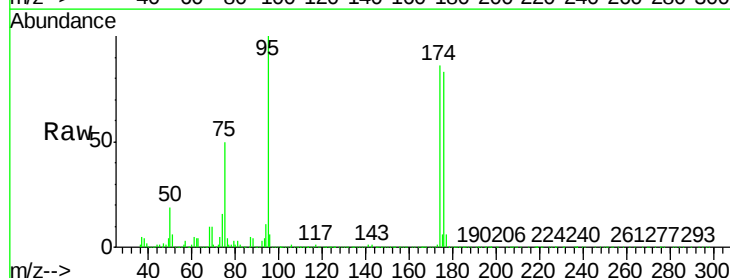
Tgt Ion: 95 Resp: 291270

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.8

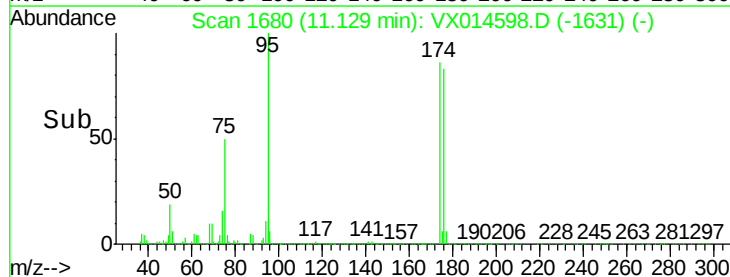
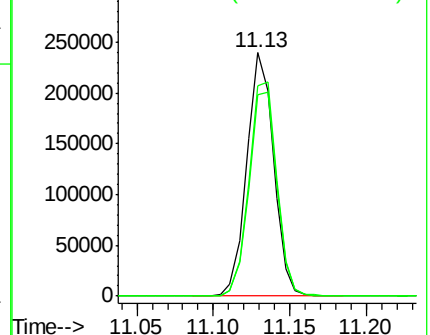
176 87.5 0.0 172.8

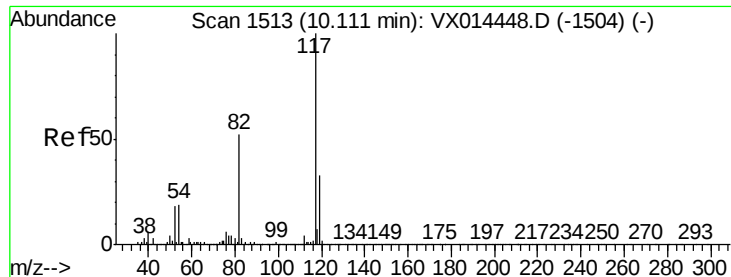


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

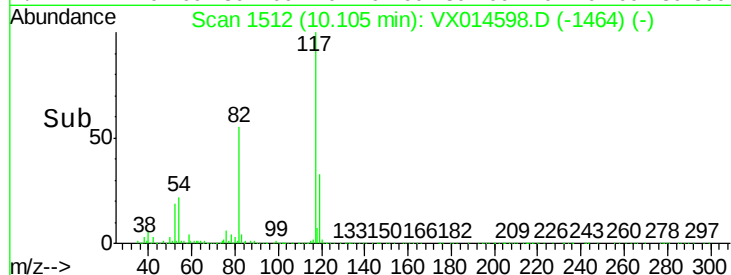
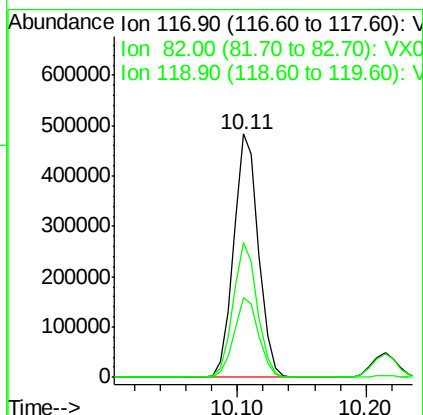
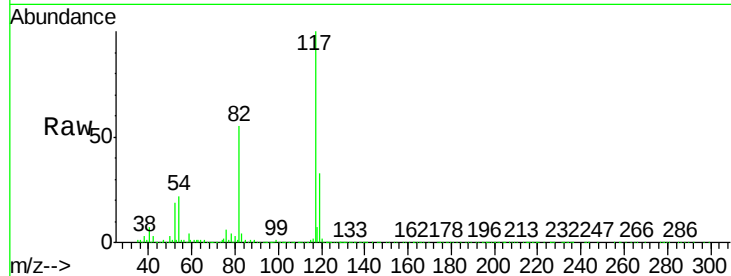




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

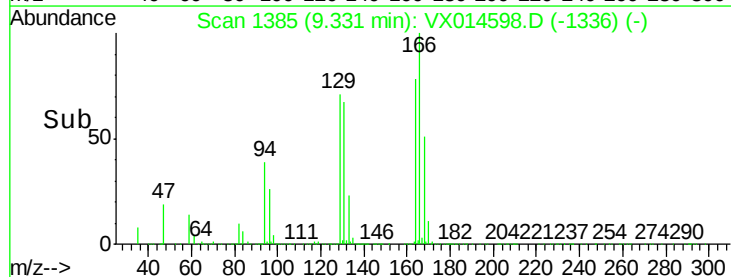
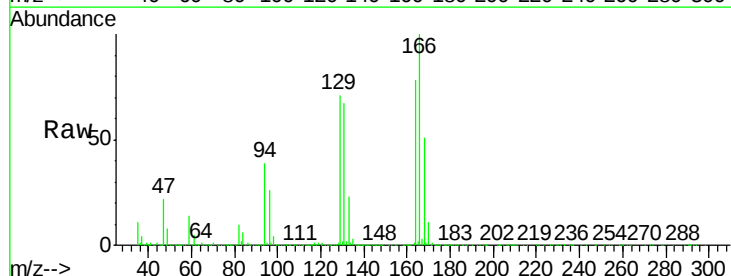
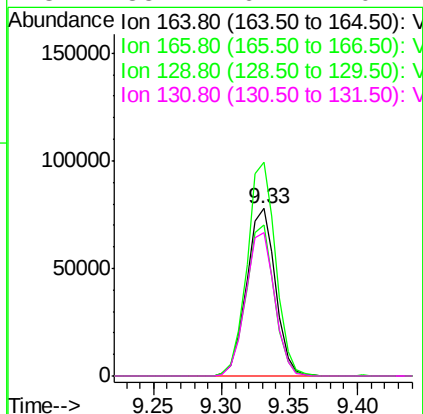
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

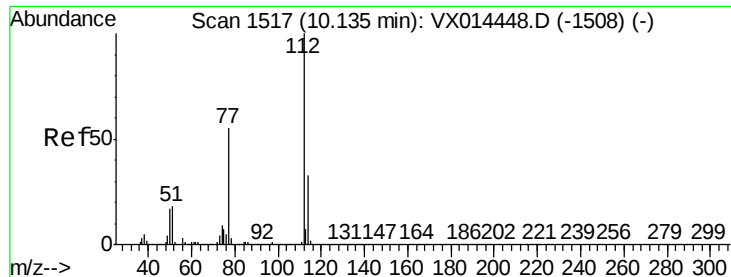
Tgt Ion:117 Resp: 645820
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.6
119 32.7 26.2 39.4



#64
Tetrachloroethene
Concen: 17.916 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion:164 Resp: 115964
Ion Ratio Lower Upper
164 100
166 127.3 101.2 151.8
129 90.1 68.3 102.5
131 85.4 67.4 101.2

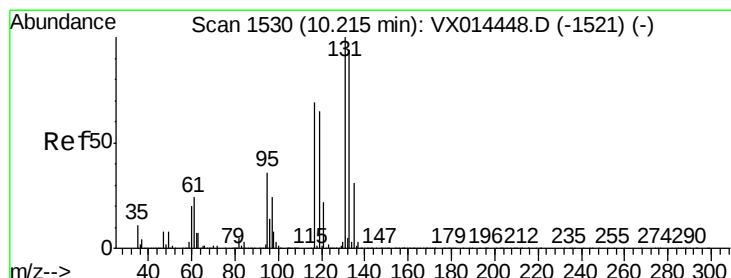
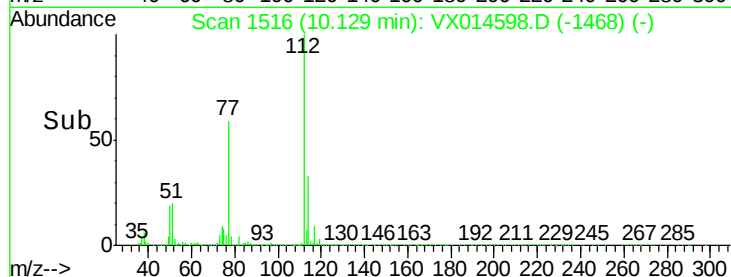
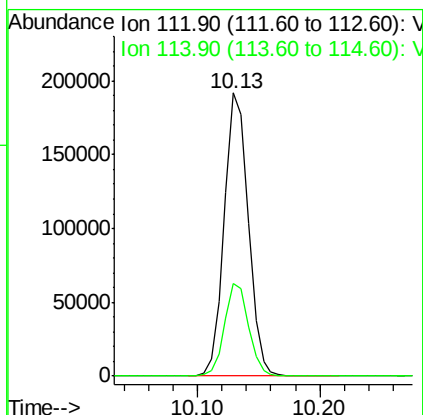
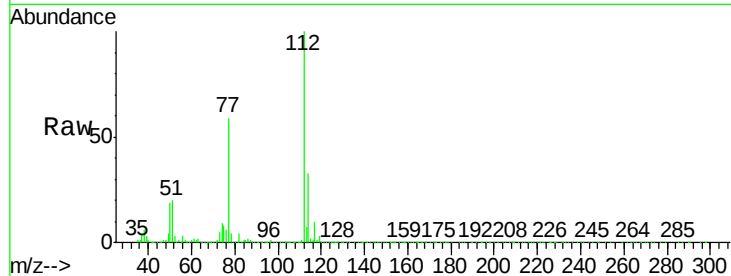




#65
Chlorobenzene
Concen: 18.669 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

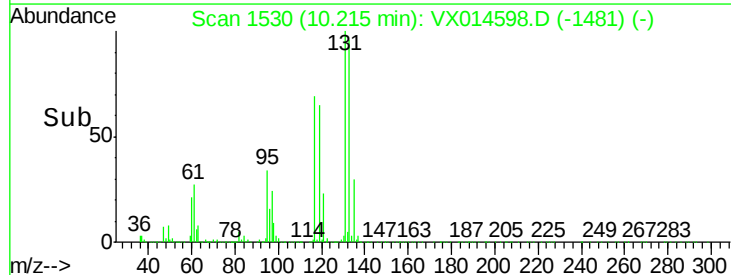
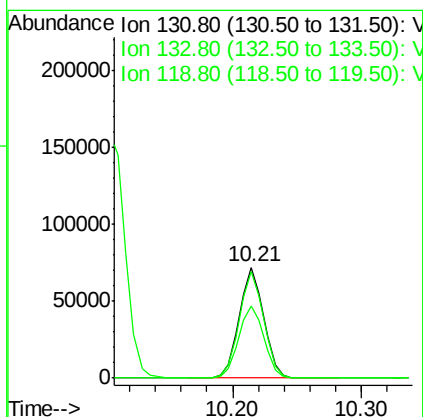
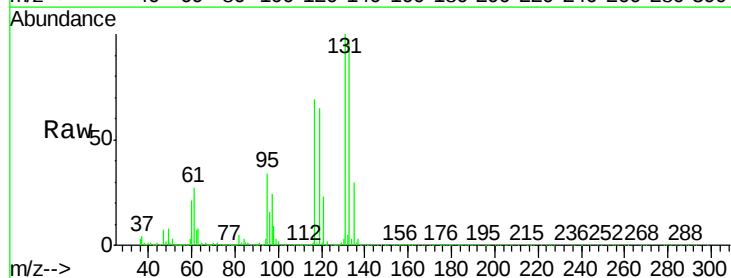
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion:112 Resp: 261658
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.943 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion:131 Resp: 94745
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 67.8 32.8 98.4

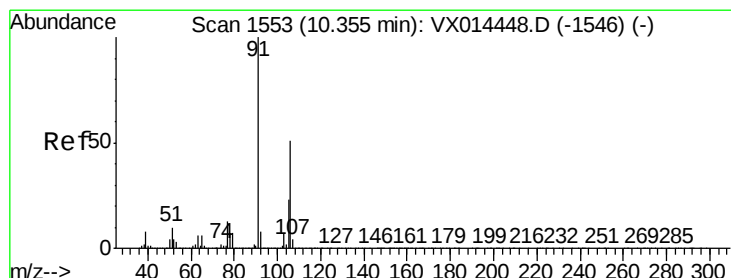
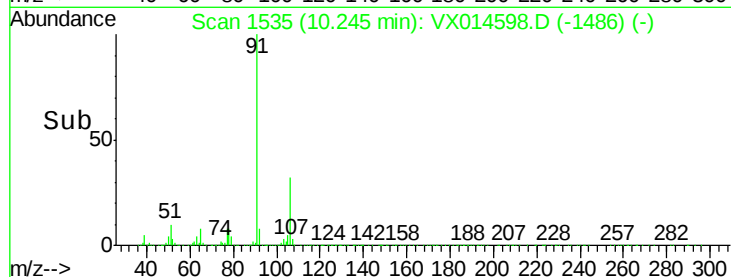
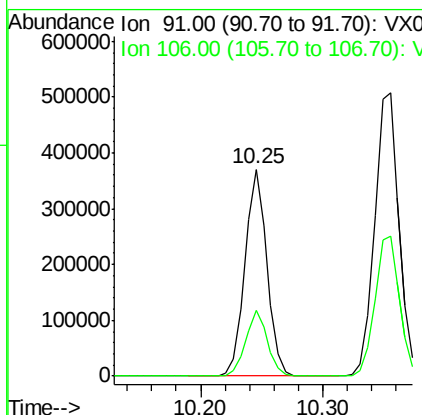
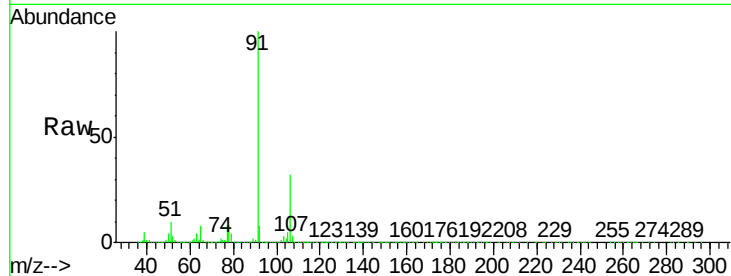




#67
Ethyl Benzene
Concen: 19.269 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

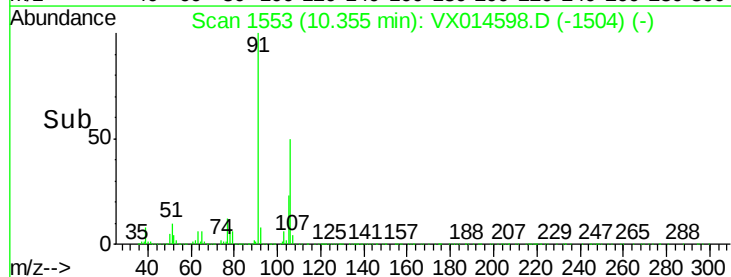
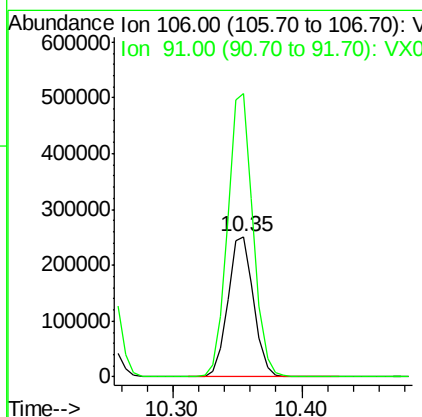
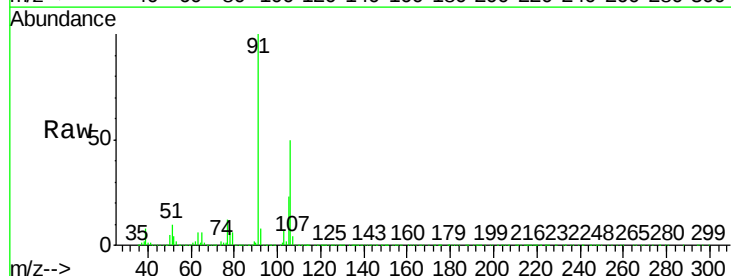
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

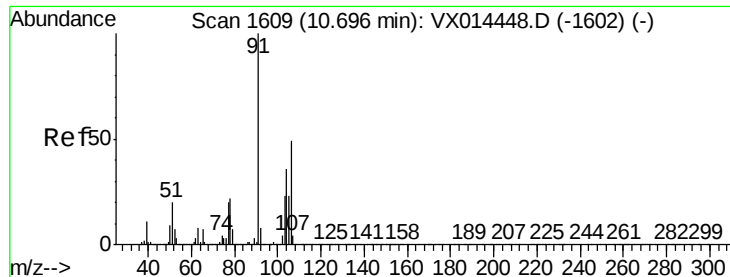
Tgt Ion: 91 Resp: 460306
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 38.023 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 106 Resp: 350419
Ion Ratio Lower Upper
106 100
91 200.5 157.4 236.0

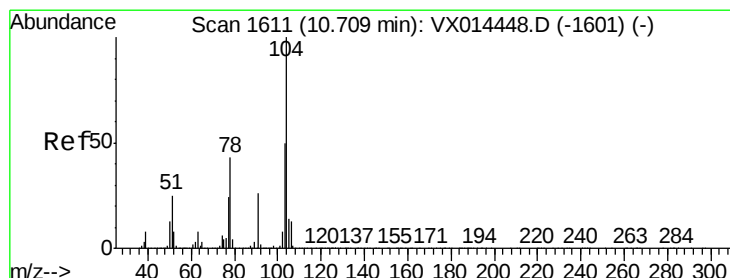
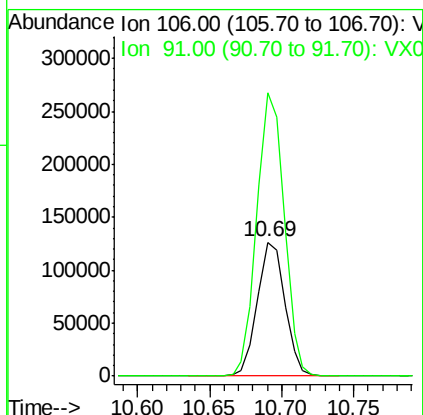
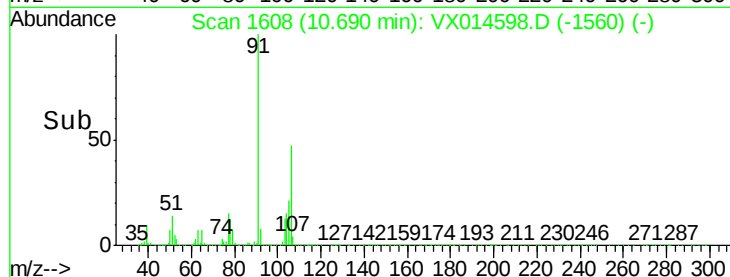
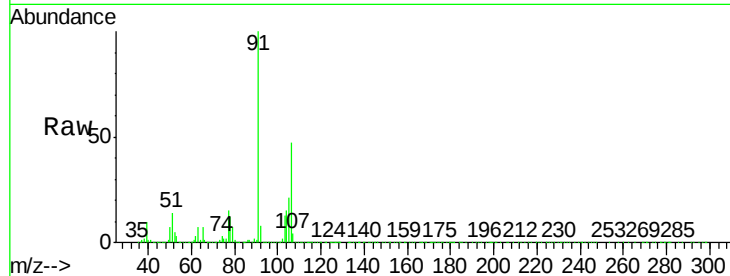




#69
o-Xylene
Concen: 18.945 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

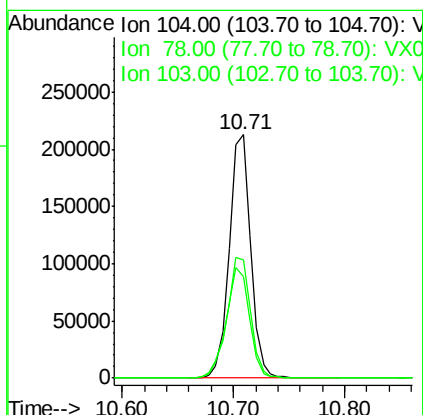
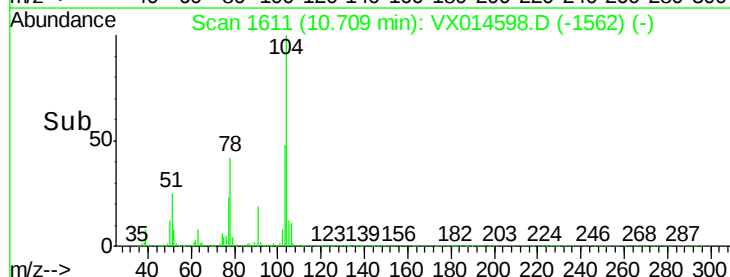
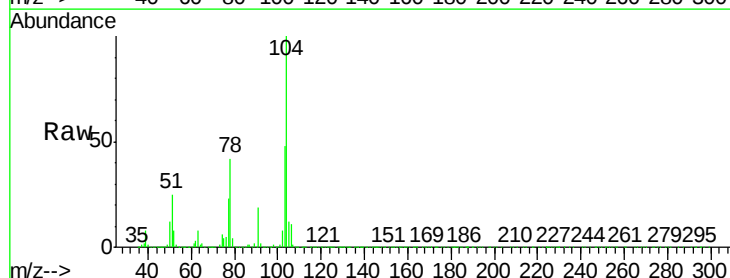
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

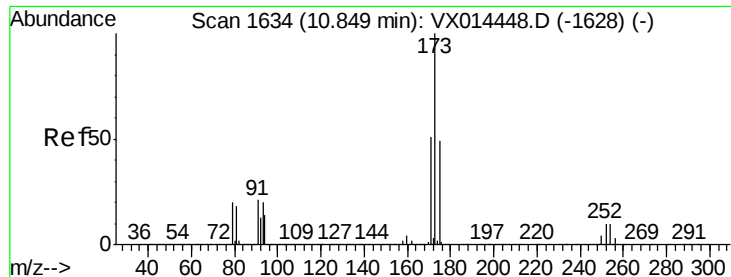
Tgt Ion:106 Resp: 166587
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.1



#70
Styrene
Concen: 18.651 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion:104 Resp: 283021
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 55.0 43.7 65.5





#71

Bromoform

Concen: 18.030 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

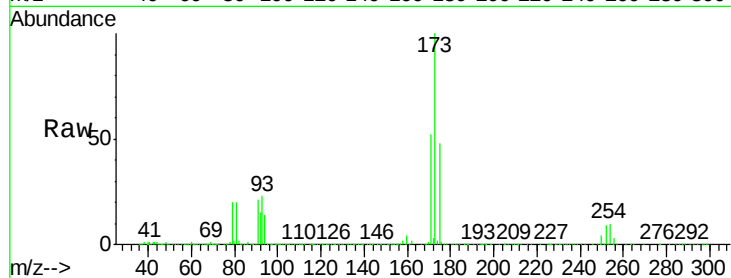
Tgt Ion:173 Resp: 73783

Ion Ratio Lower Upper

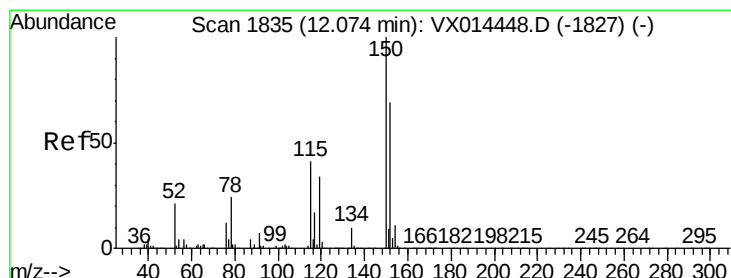
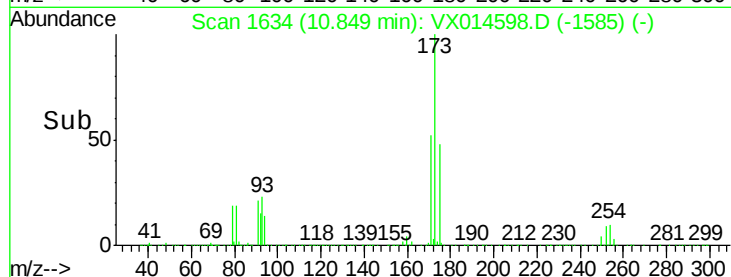
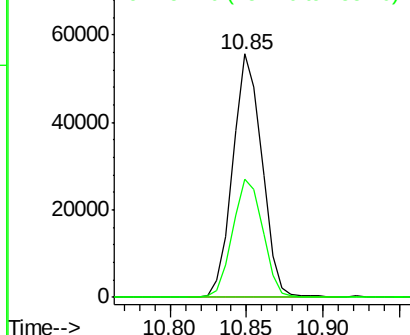
173 100

175 50.2 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: VX014598.D

Acq: 14 Jan 2020 11:13

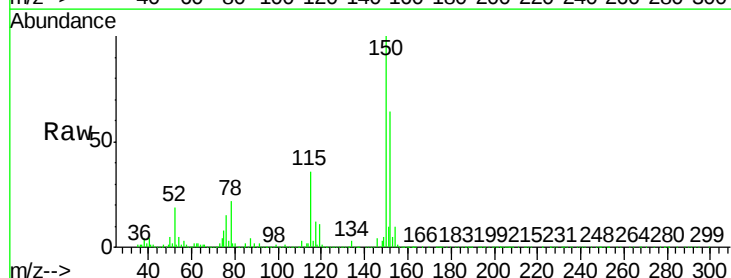
Tgt Ion:152 Resp: 326145

Ion Ratio Lower Upper

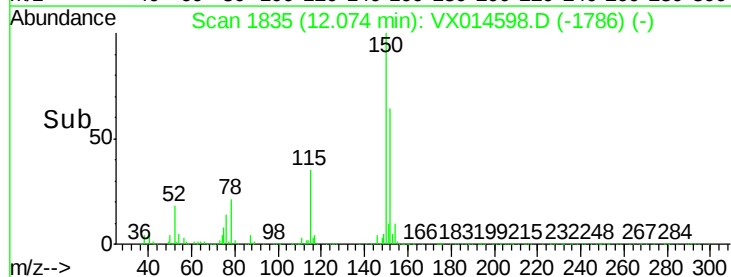
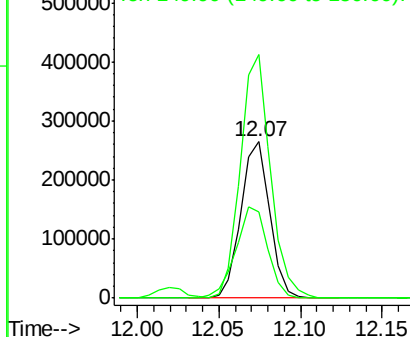
152 100

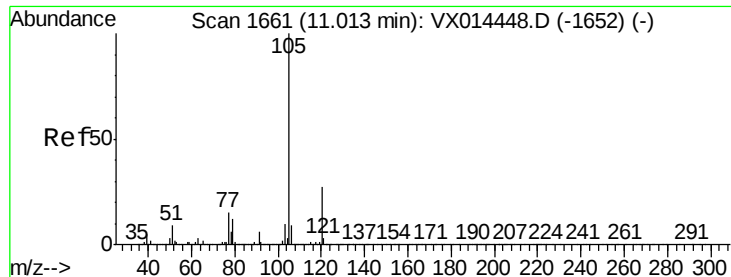
115 64.5 39.5 118.3

150 162.3 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: 19.632 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

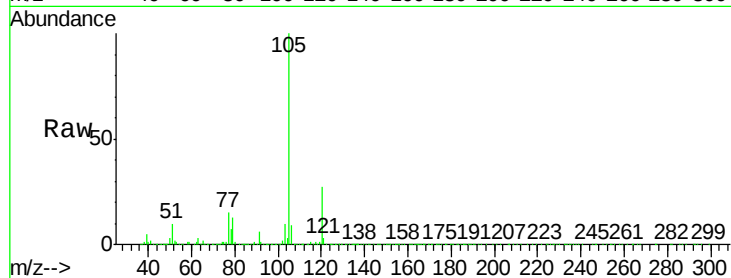
VX0114WBS01

Tgt Ion:105 Resp: 449621

Ion Ratio Lower Upper

105 100

120 26.8 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

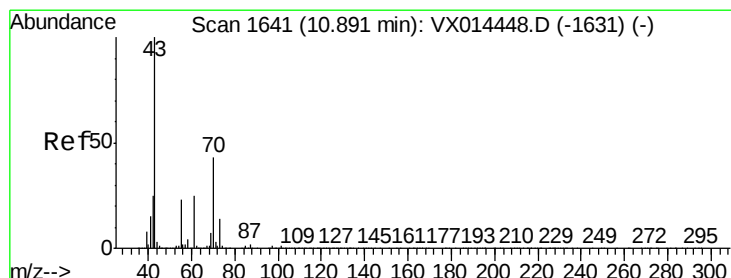
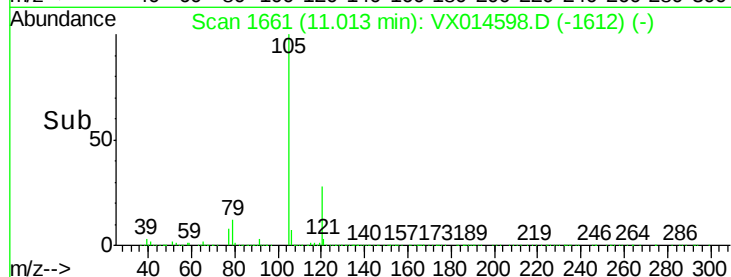
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.336 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion: 43 Resp: 185275

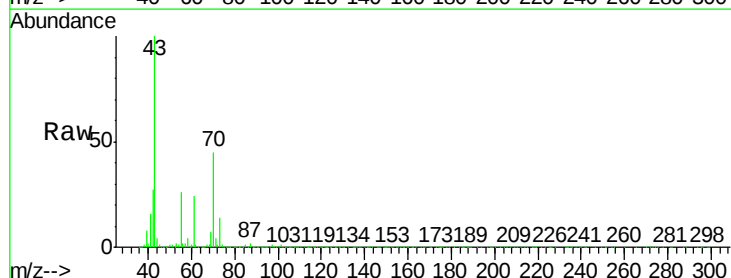
Ion Ratio Lower Upper

43 100

70 43.9 35.1 52.7

55 25.6 19.3 28.9

61 24.0 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

250000

200000

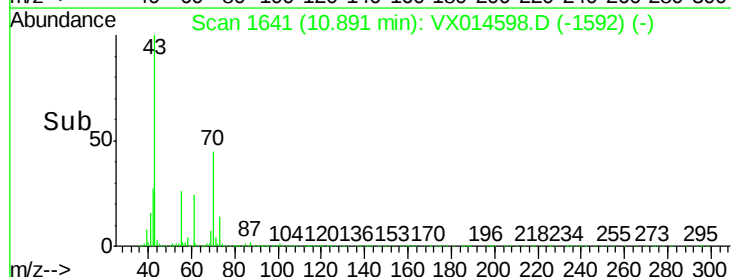
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.159 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

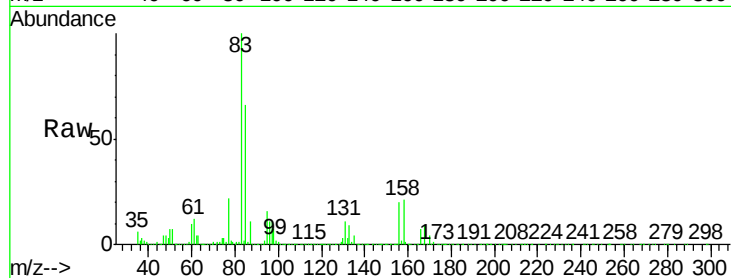
Tgt Ion: 83 Resp: 140716

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

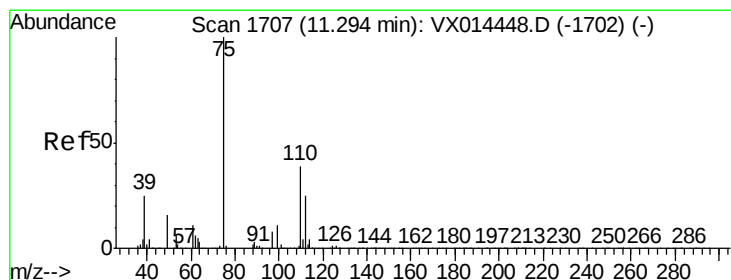
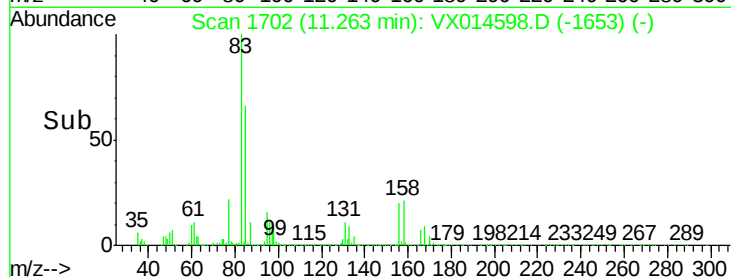
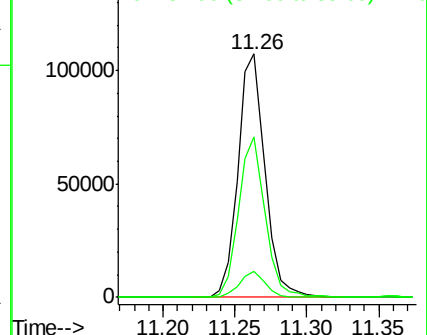
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.192 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014598.D

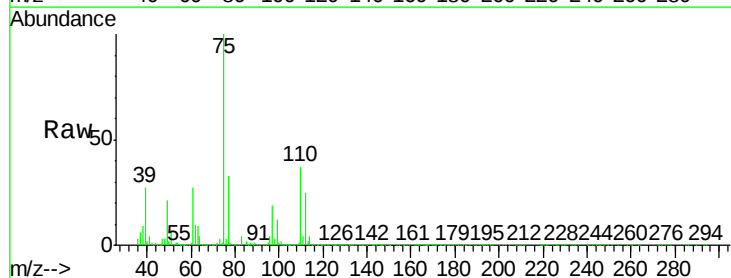
Acq: 14 Jan 2020 11:13

Tgt Ion: 75 Resp: 163249

Ion Ratio Lower Upper

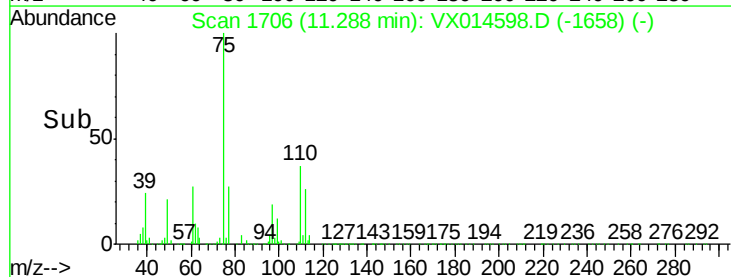
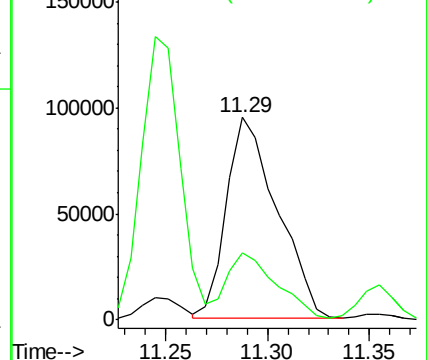
75 100

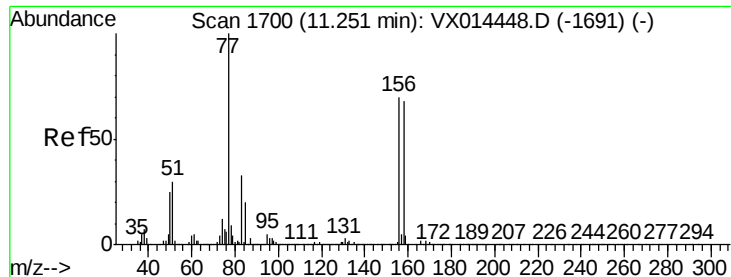
77 33.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.705 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

VX0114WBS01

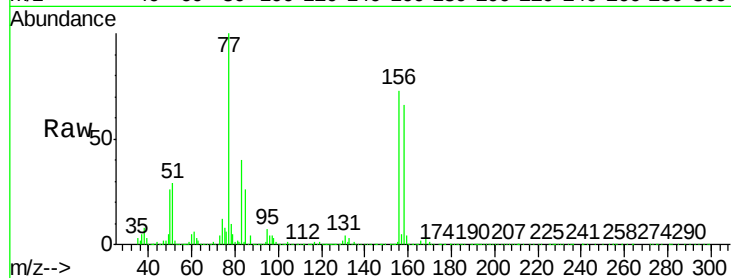
Tgt Ion:156 Resp: 118803

Ion Ratio Lower Upper

156 100

77 148.7 75.4 226.3

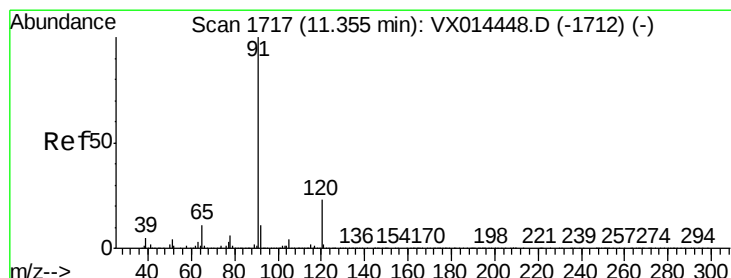
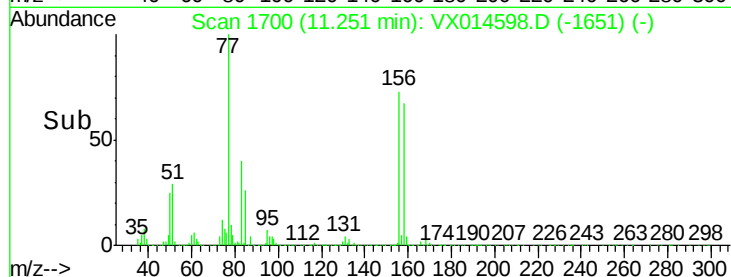
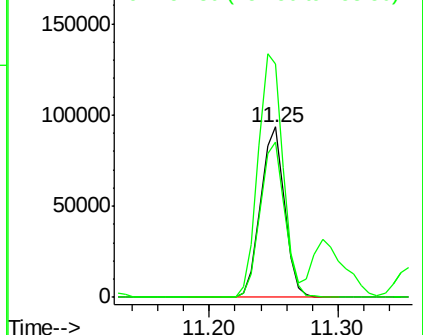
158 94.6 48.8 146.3



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: 19.594 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014598.D

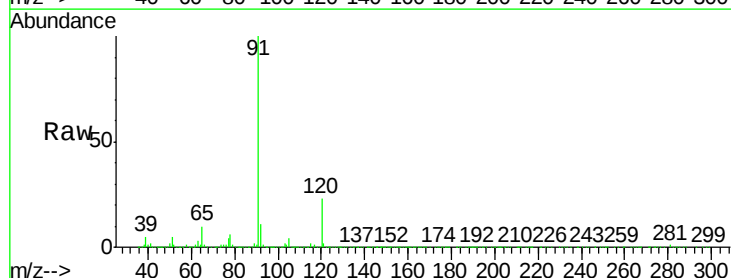
Acq: 14 Jan 2020 11:13

Tgt Ion: 91 Resp: 513926

Ion Ratio Lower Upper

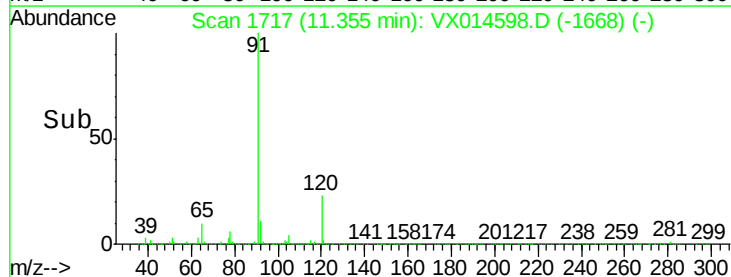
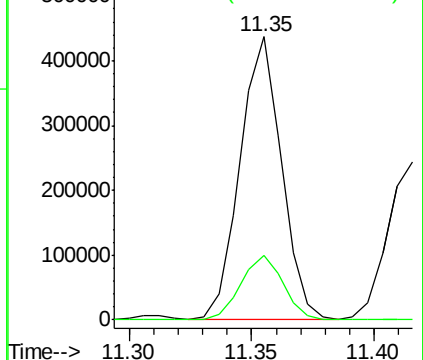
91 100

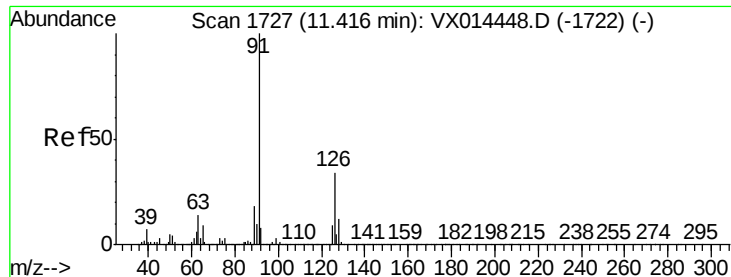
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

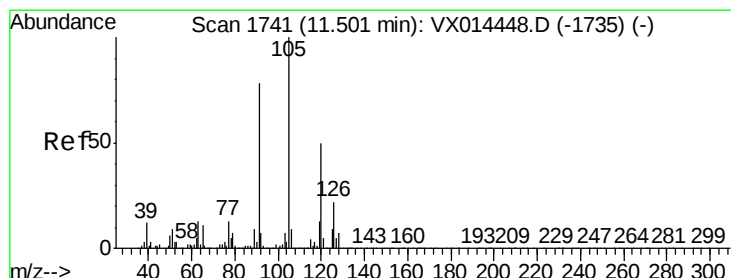
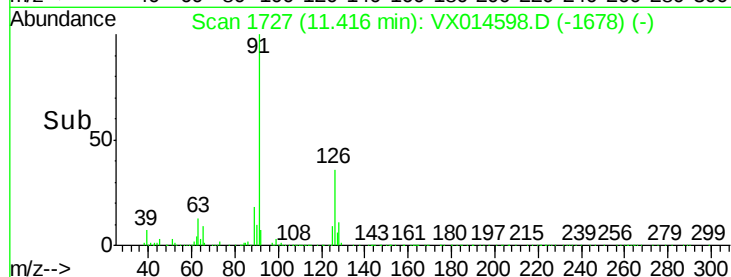
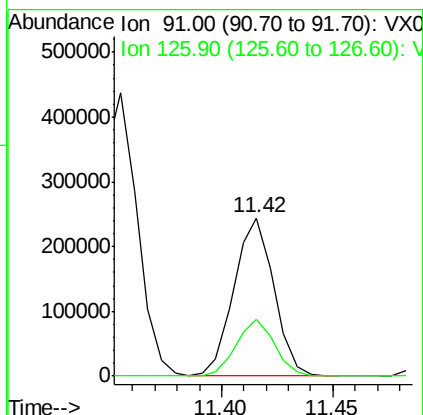
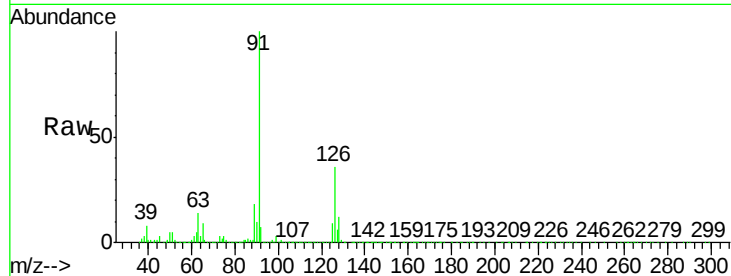




#79
 2-Chlorotoluene
 Concen: 19.434 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

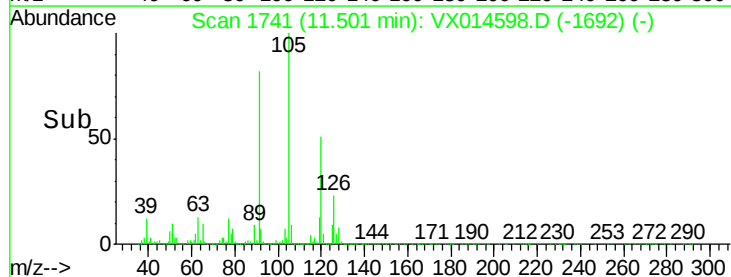
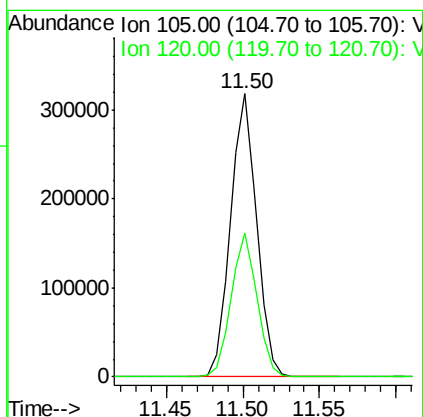
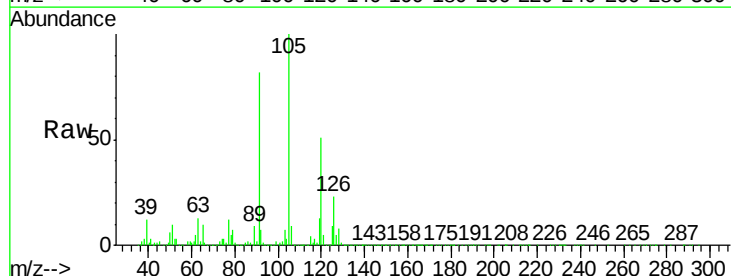
Instrument :
 MSVOA_X
 ClientSampled :
 VX0114WBS01

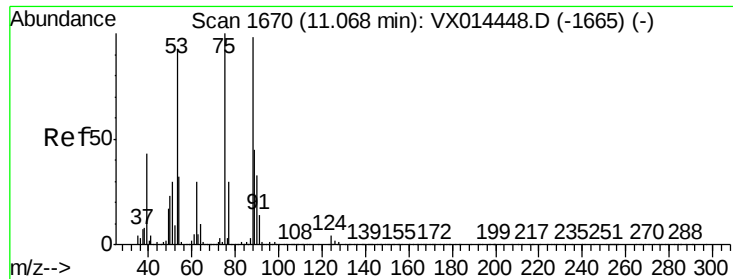
Tgt Ion: 91 Resp: 303795
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.707 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion: 105 Resp: 374720
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.2 75.6

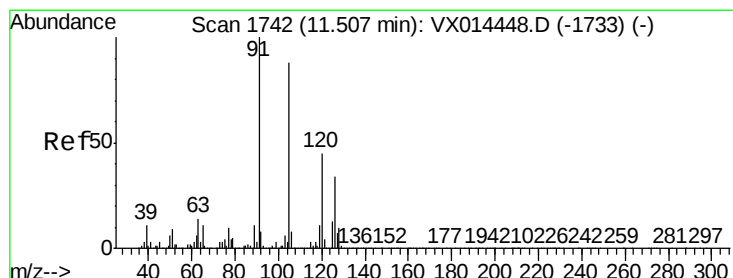
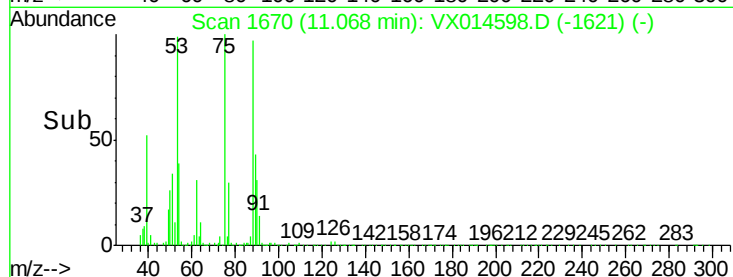
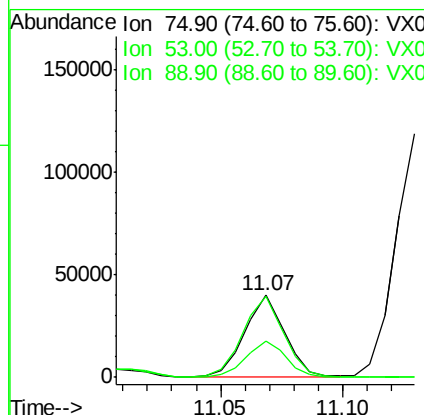
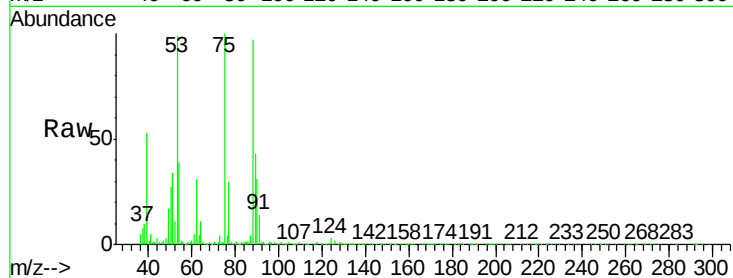




#81
trans-1,4-Dichloro-2-butene
Concen: 18.178 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

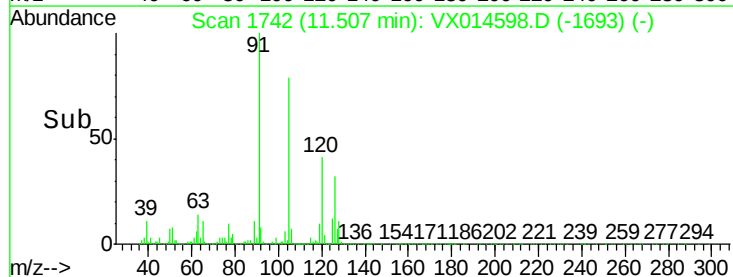
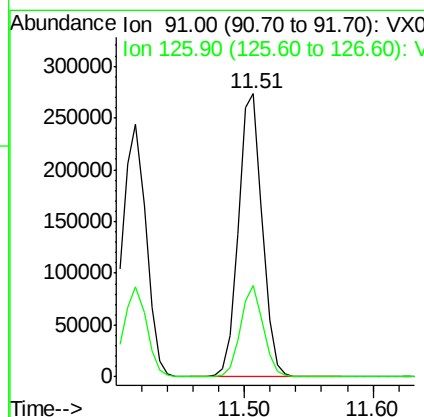
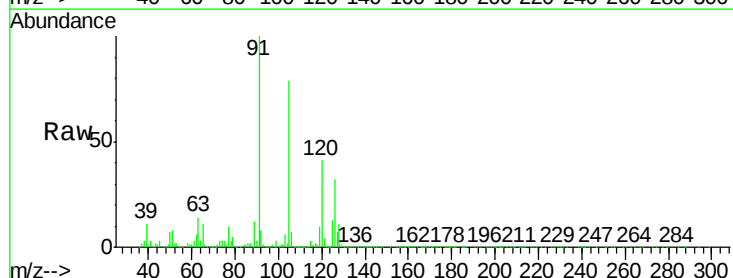
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion: 75 Resp: 46397
Ion Ratio Lower Upper
75 100
53 99.1 74.8 112.2
89 44.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.020 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion: 91 Resp: 348999
Ion Ratio Lower Upper
91 100
126 30.8 15.9 47.7

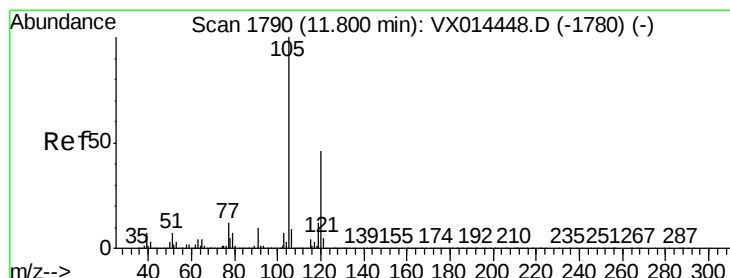
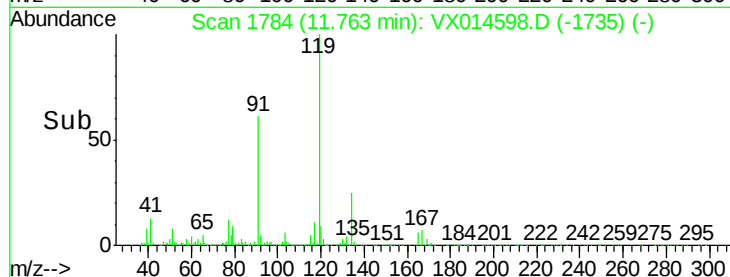
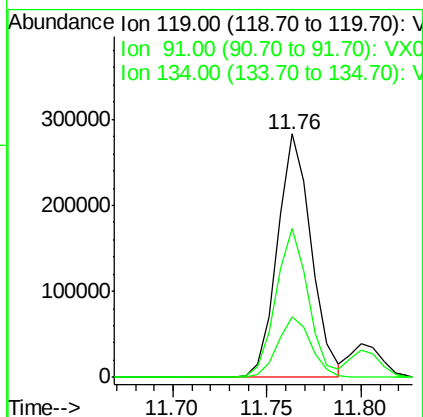
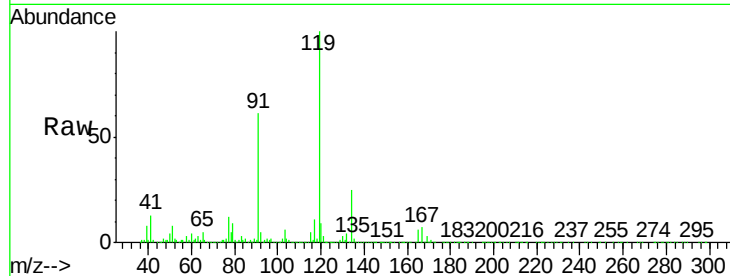




#83
tert-Butylbenzene
Concen: 19.585 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

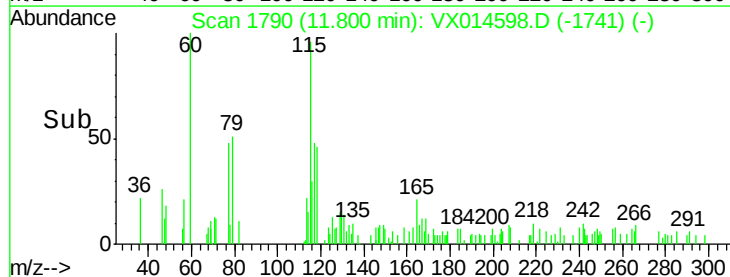
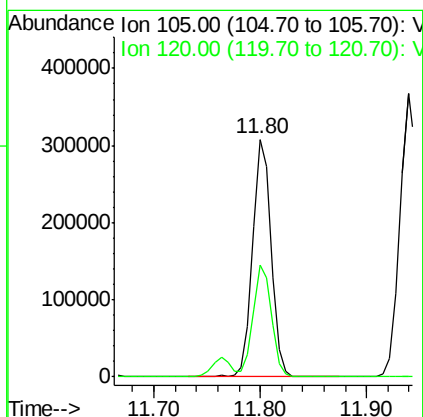
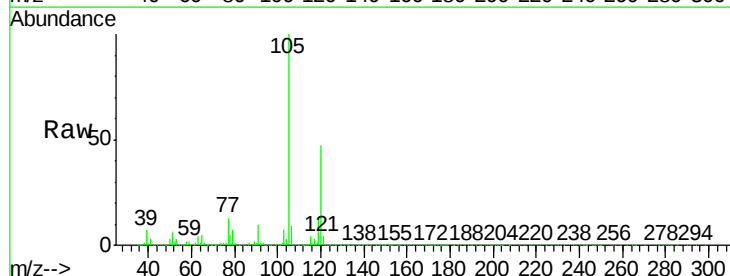
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

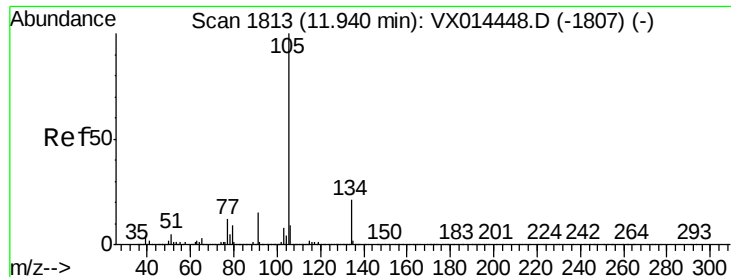
Tgt Ion:119 Resp: 351872
Ion Ratio Lower Upper
119 100
91 58.6 29.3 88.0
134 24.6 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.705 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014598.D
Acq: 14 Jan 2020 11:13

Tgt Ion:105 Resp: 378608
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.759 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

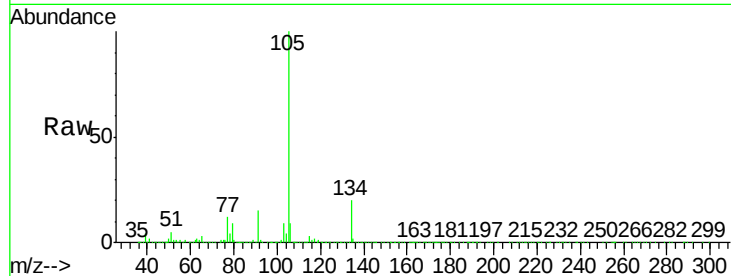
VX0114WBS01

Tgt Ion:105 Resp: 441317

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

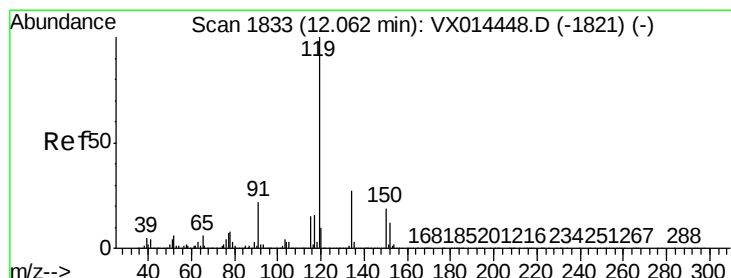
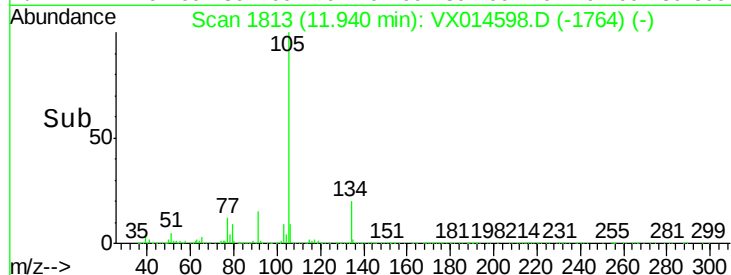
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.274 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

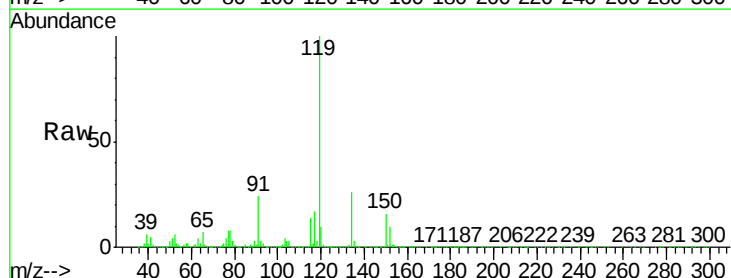
Tgt Ion:119 Resp: 399451

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.5 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

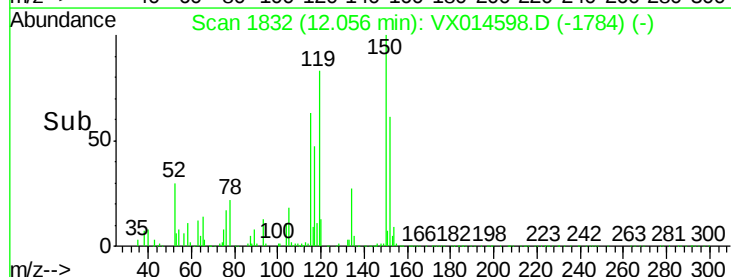
300000

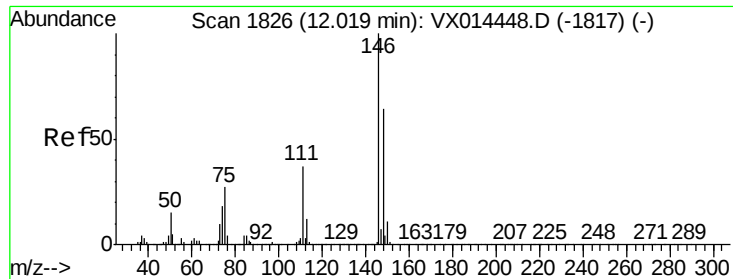
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.153 ug/l

RT: 12.02 min Scan# 1826

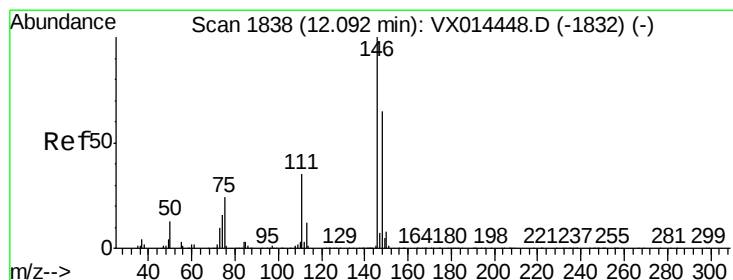
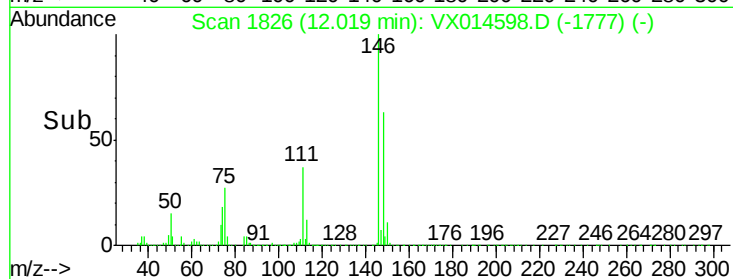
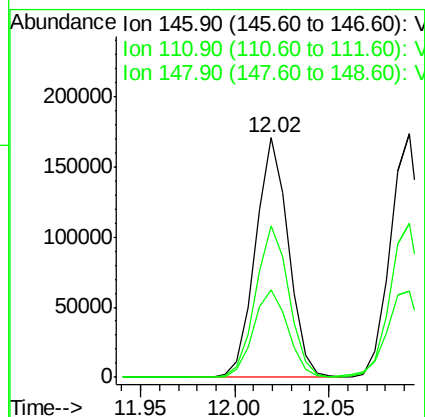
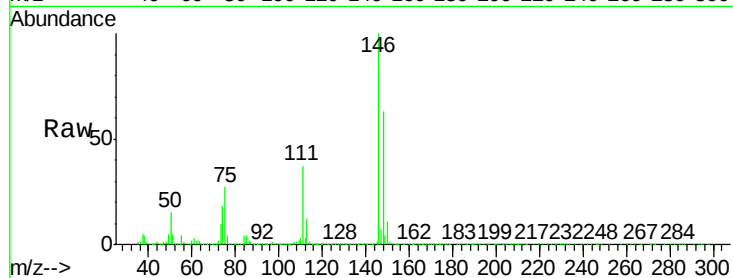
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	63.9	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.344 ug/l

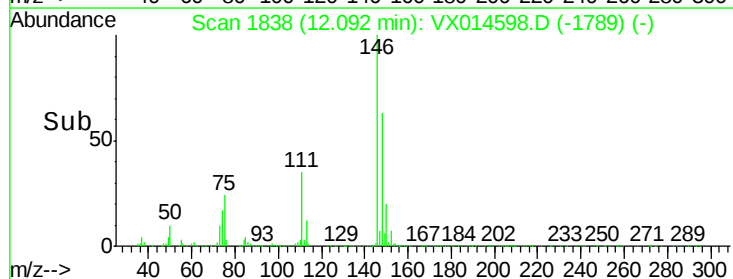
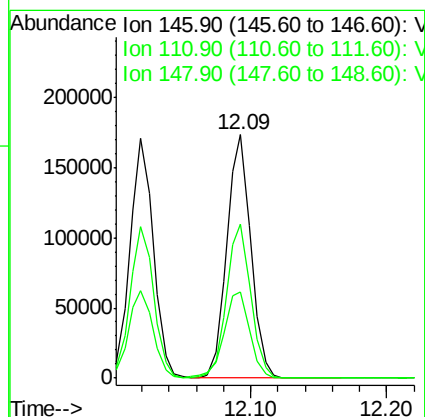
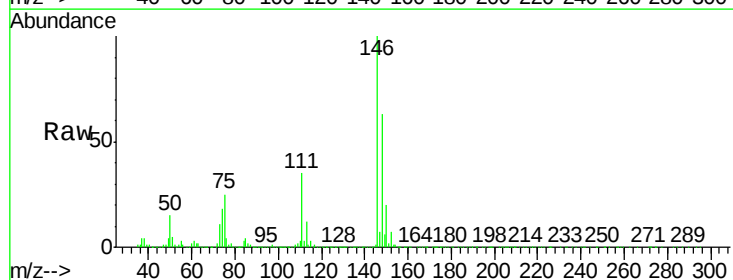
RT: 12.09 min Scan# 1838

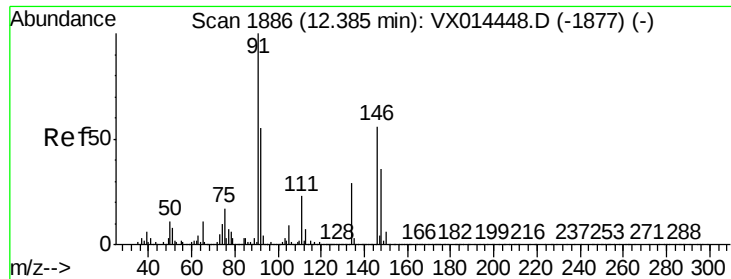
Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	63.7	32.1	96.3





#89

n-Butylbenzene

Concen: 18.358 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

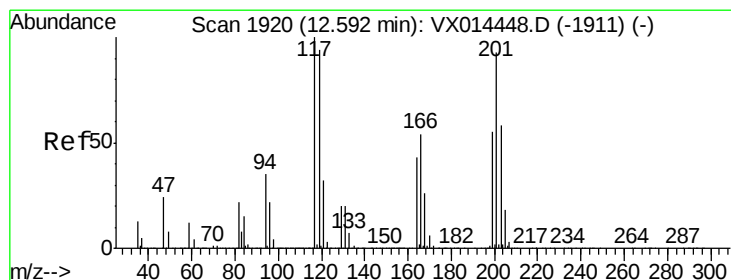
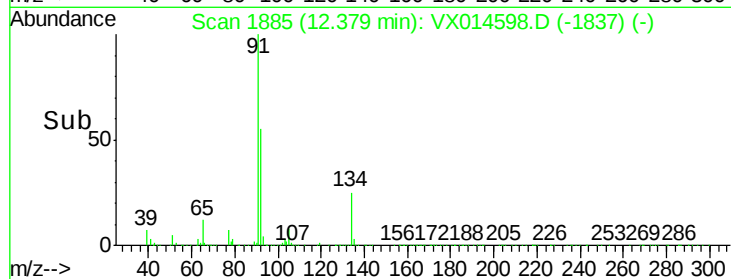
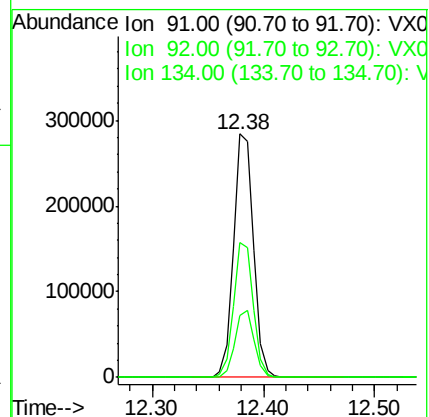
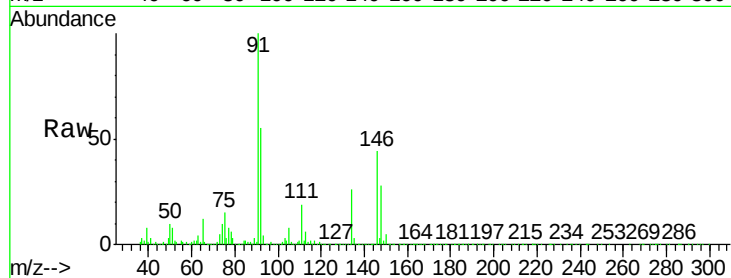
Tgt Ion: 91 Resp: 347878

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.2

134 26.7 13.9 41.7



#90

Hexachloroethane

Concen: 18.497 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014598.D

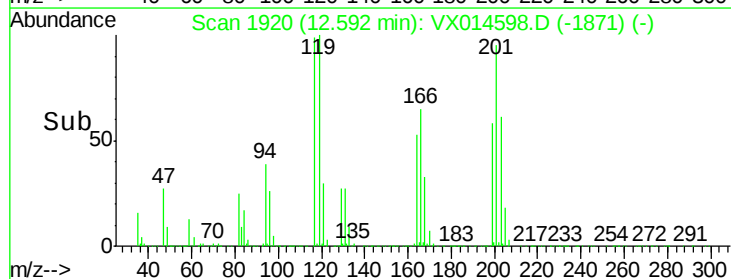
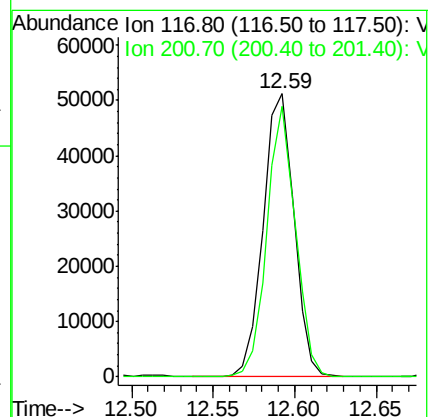
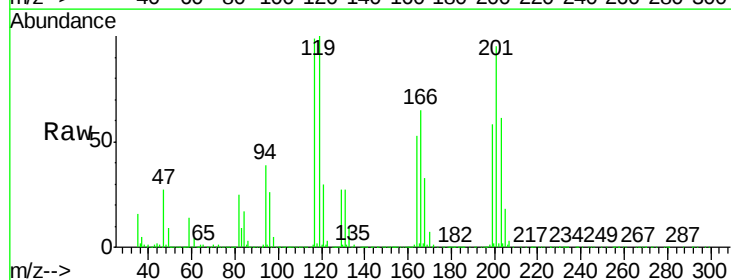
Acq: 14 Jan 2020 11:13

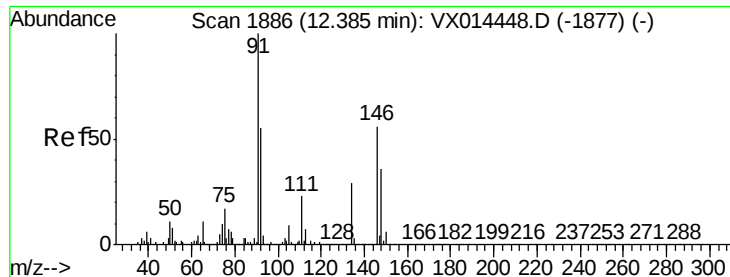
Tgt Ion: 117 Resp: 67337

Ion Ratio Lower Upper

117 100

201 88.7 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 18.658 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

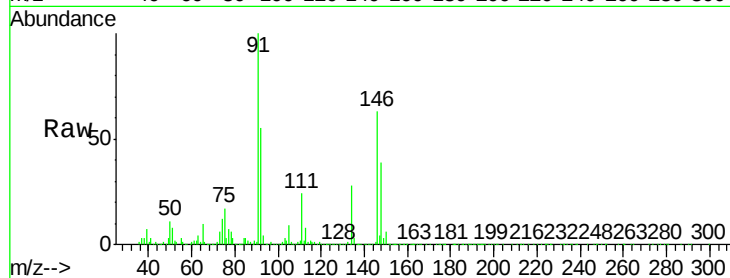
Tgt Ion: 146 Resp: 208363

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.4

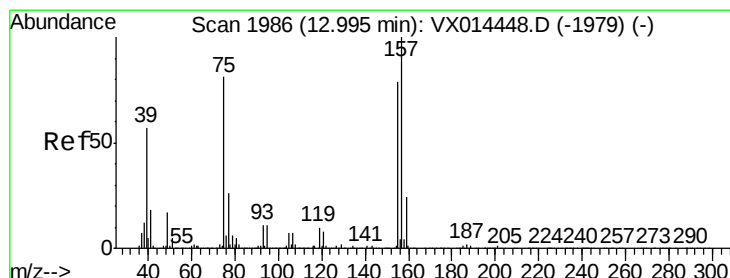
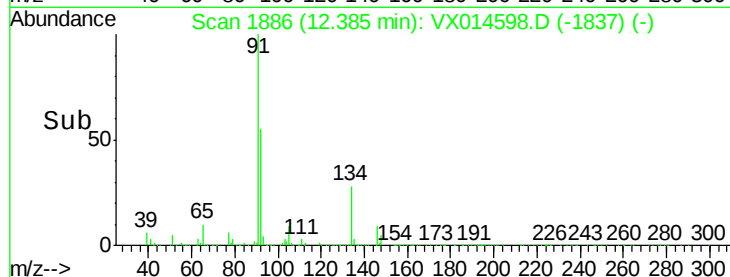
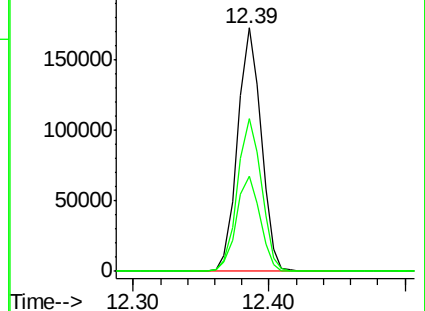
148 63.9 32.3 96.8



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: 18.009 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

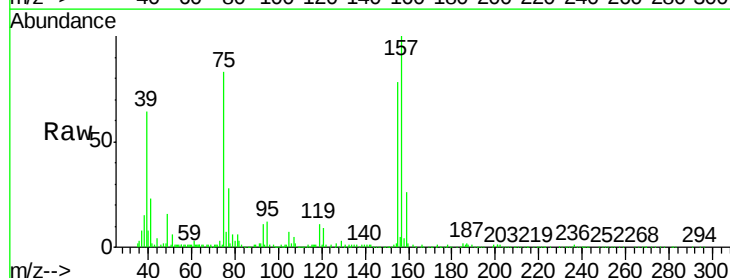
Tgt Ion: 75 Resp: 29752

Ion Ratio Lower Upper

75 100

155 95.2 48.7 146.1

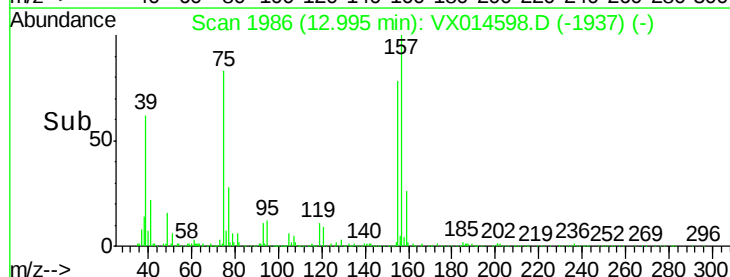
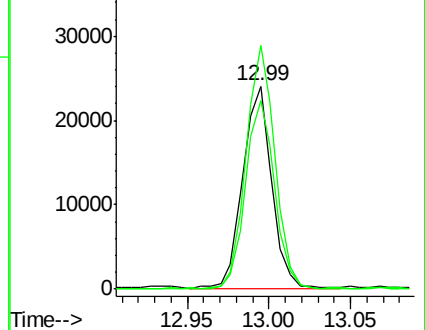
157 118.7 62.0 185.9



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

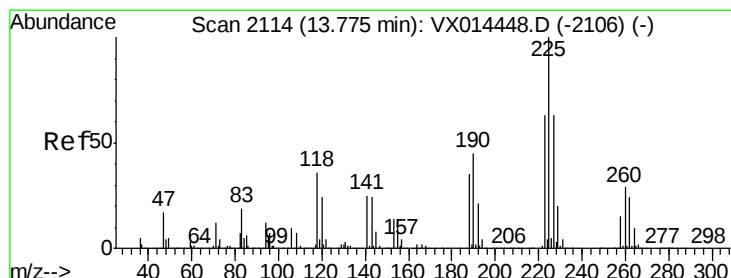
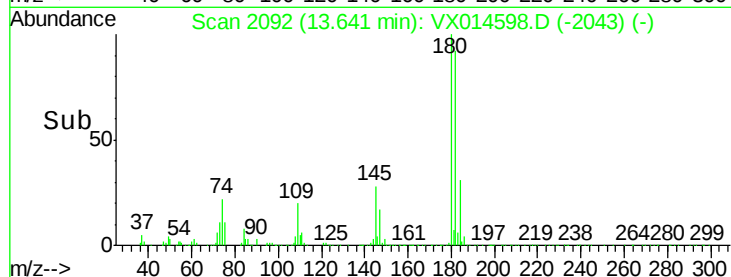
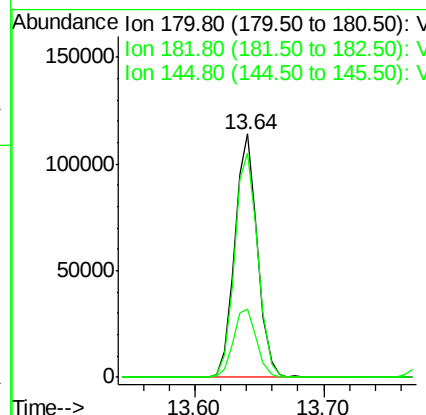
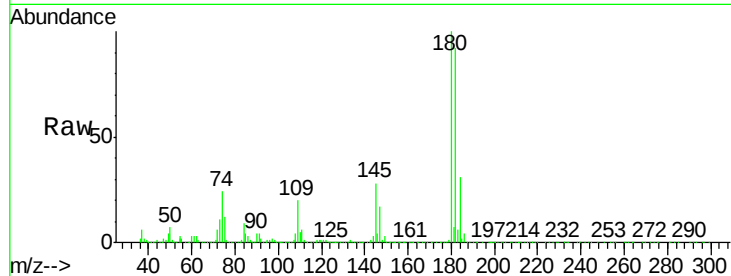




#93
 1,2,4-Trichlorobenzene
 Concen: 17.841 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

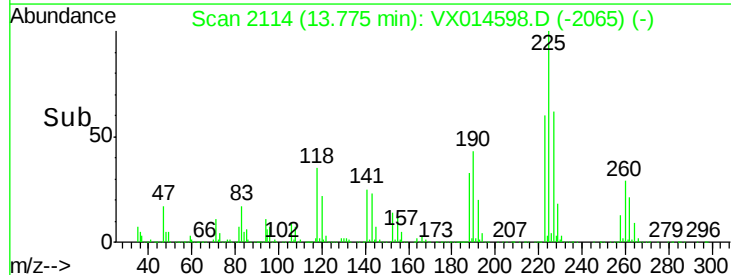
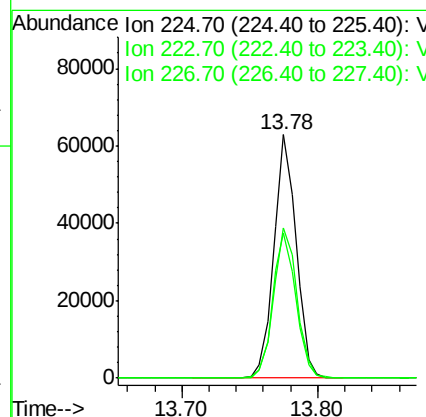
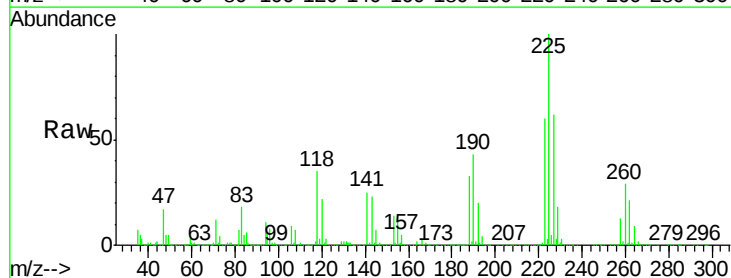
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBS01

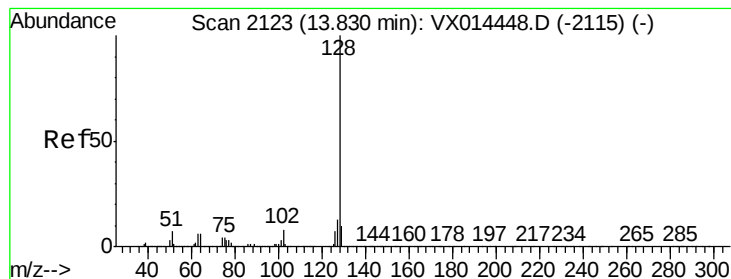
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.5	142.5
145	29.0	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.788 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014598.D
 Acq: 14 Jan 2020 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	64.4	31.4	94.2





#95

Naphthalene

Concen: 16.922 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBS01

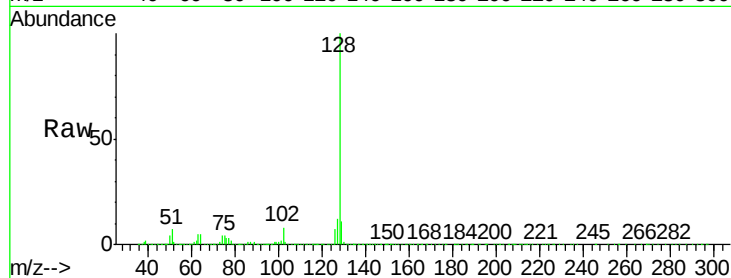
Tgt Ion:128 Resp: 411666

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

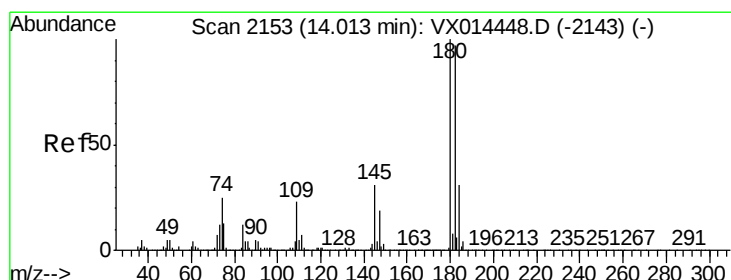
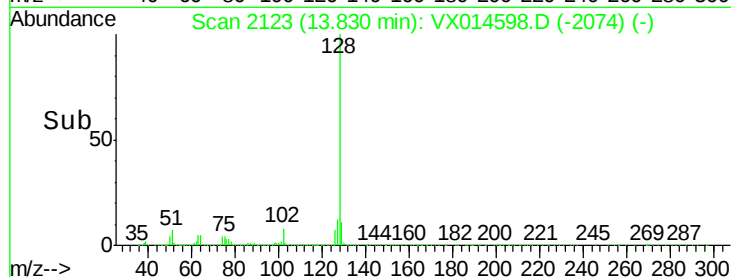
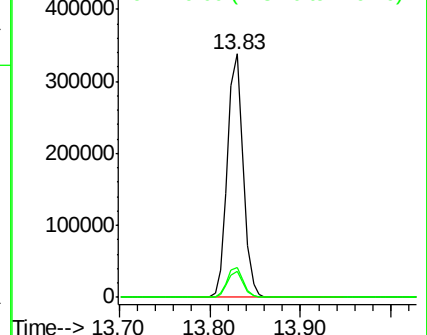
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.229 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014598.D

Acq: 14 Jan 2020 11:13

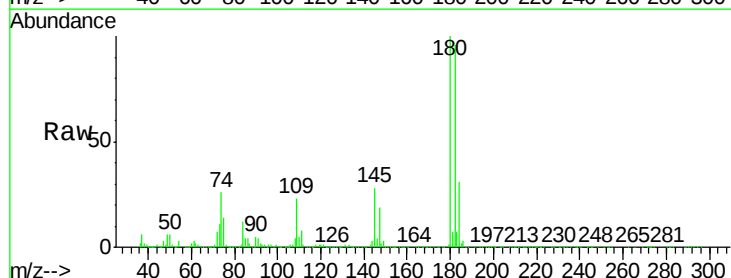
Tgt Ion:180 Resp: 141540

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.6

145 29.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

