

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
 Data File : VX014973.D
 Acq On : 20 Feb 2020 12:36
 Operator : JC/SP
 Sample : L1583-01 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:33:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	454165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	716009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	257837	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
35) Dibromofluoromethane	5.49	113	215277	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	858108	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.13	95	322706	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	1344	0.395	ug/l #	74
10) Methyl Iodide	2.51	142	1667	4.689	ug/l	91
11) Tert butyl alcohol	3.03	59	720	0.796	ug/l #	1
13) Acrolein	2.31	56	190	0.275	ug/l #	1
16) Acetone	2.43	43	49341	7.312	ug/l	100
17) Carbon Disulfide	2.57	76	2974	0.256	ug/l #	91
18) Methyl Acetate	2.76	43	2188	0.424	ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	8606	0.635	ug/l	97
20) Methylene Chloride	2.85	84	1268	0.257	ug/l #	69
25) 2-Butanone	4.67	43	10396	2.979	ug/l #	77
31) Cyclohexane	5.65	56	7871	1.086	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	29948	4.676	ug/l #	53
37) Ethyl Acetate	4.83	43	2340	0.350	ug/l #	90
38) Carbon Tetrachloride	5.65	117	38398	6.152	ug/l #	16
40) Benzene	6.14	78	11650	0.609	ug/l	96
49) 1,4-Dioxane	7.74	88	177	1.746	ug/l #	1
52) Toluene	8.78	92	18045	1.485	ug/l	97
67) Ethyl Benzene	10.25	91	10780	0.457	ug/l	90
68) m/p-Xylenes	10.36	106	16045	1.764	ug/l	96
69) o-Xylene	10.69	106	11145	1.275	ug/l	98
73) Isopropylbenzene	11.01	105	6571	0.289	ug/l	88
76) 1,2,3-Trichloropropane	11.13	75	161186	24.602	ug/l #	40
78) n-propylbenzene	11.35	91	20117	0.766	ug/l	96
79) 2-Chlorotoluene	11.50	91	5392	0.349	ug/l	73
80) 1,3,5-Trimethylbenzene	11.50	105	25127	1.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	161186	62.973	ug/l #	12
82) 4-Chlorotoluene	11.50	91	5392	0.295	ug/l	81
84) 1,2,4-Trimethylbenzene	11.80	105	107386	5.613	ug/l	100
85) sec-Butylbenzene	11.94	105	14140	0.633	ug/l	86
86) p-Isopropyltoluene	12.06	119	11103	0.531	ug/l	86
89) n-Butylbenzene	12.38	91	34266	1.831	ug/l #	49
90) Hexachloroethane	12.58	117	4359	1.194	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.01	75	976	0.560	ug/l #	31
93) 1,2,4-Trichlorobenzene	13.64	180	3722	0.452	ug/l #	19

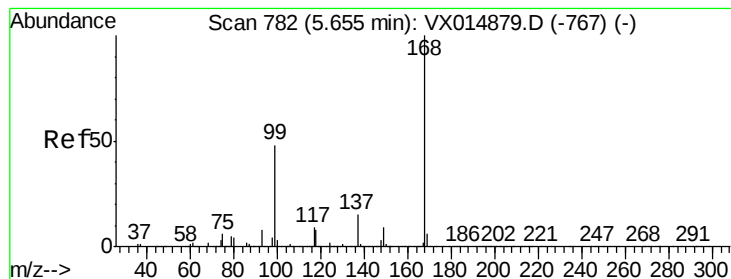
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
Data File : VX014973.D
Acq On : 20 Feb 2020 12:36
Operator : JC/SP
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Instrument :
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ClientSampleId :

Quant Time: Feb 21 00:33:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	2240	0.562	ug/l	94
95) Naphthalene	13.83	128	51441	2.349	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.02	180	3986	0.501	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

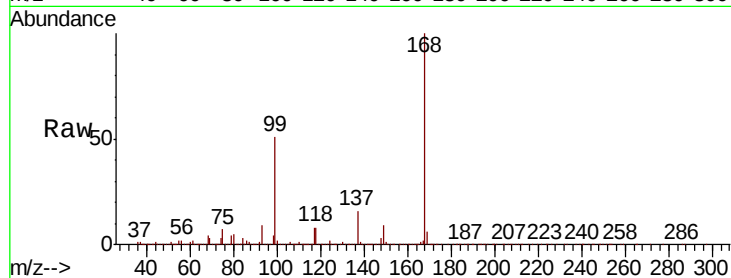
ClientSampleId :

Tot Ion:168 Resp: 454165

Ion Ratio Lower Upper

168 100

99 50.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

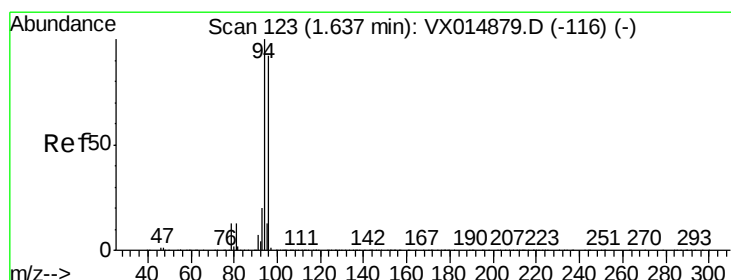
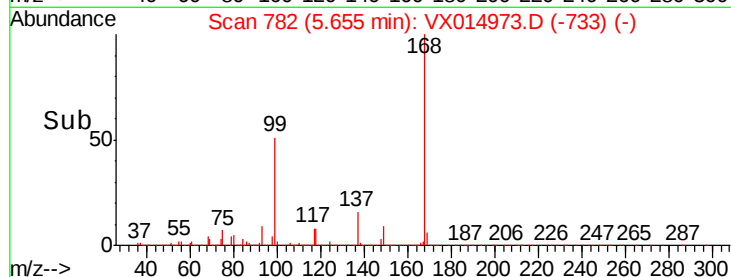
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.395 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.02 min

Lab File: VX014973.D

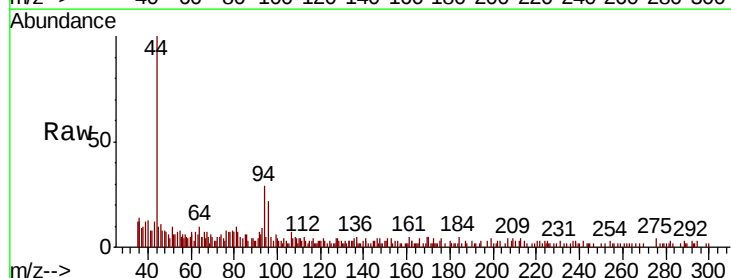
Acq: 20 Feb 2020 12:36

Tgt Ion: 94 Resp: 1344

Ion Ratio Lower Upper

94 100

96 67.1 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

1000

800

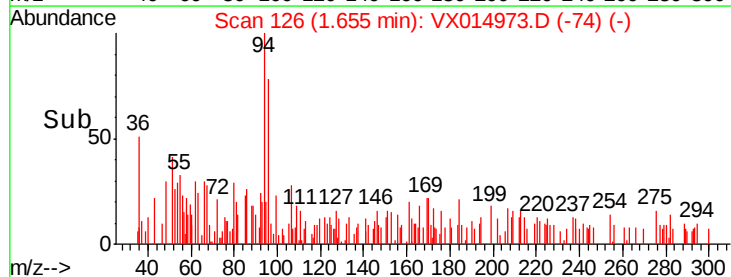
600

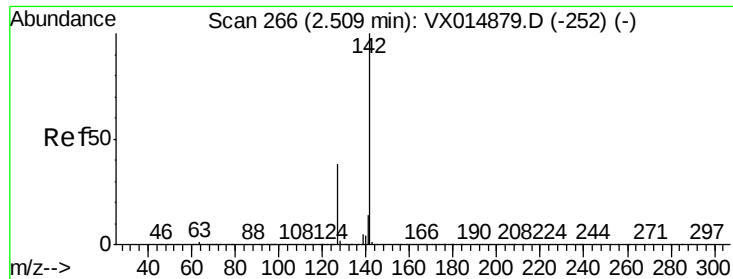
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200

0

Time-->

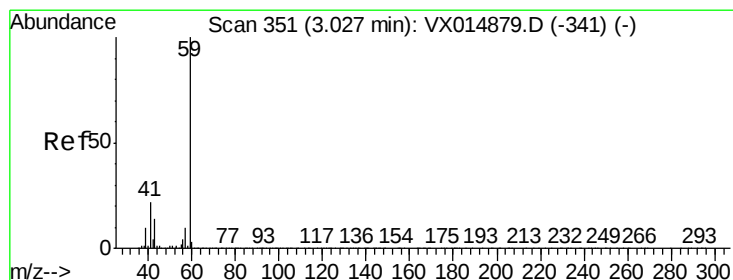
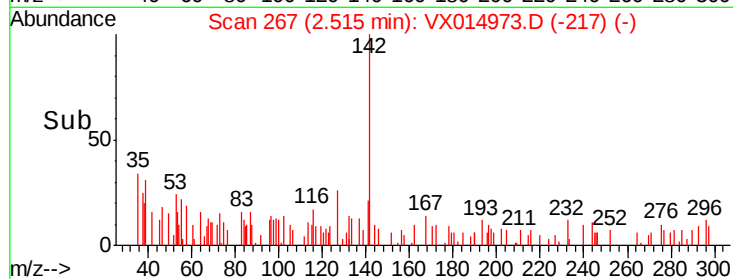
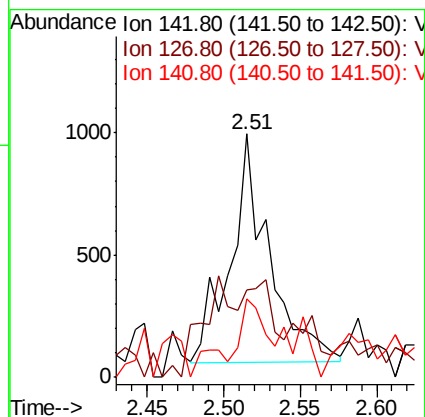
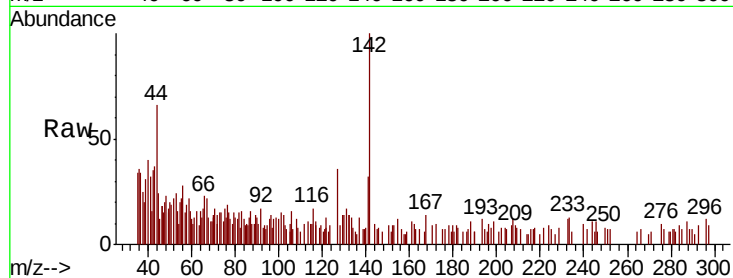




#10
Methvl Iodide
Concen: 4.689 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

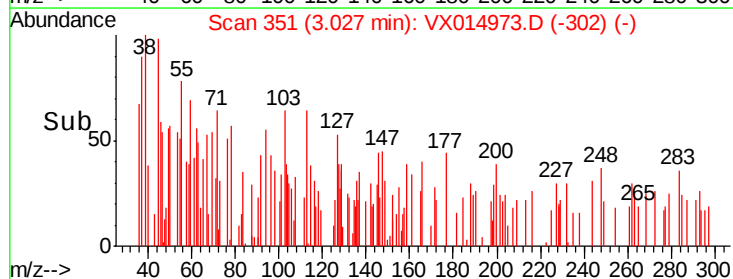
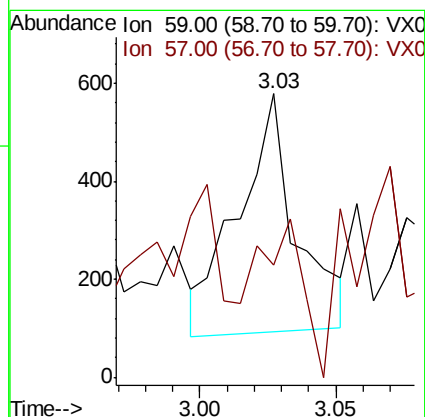
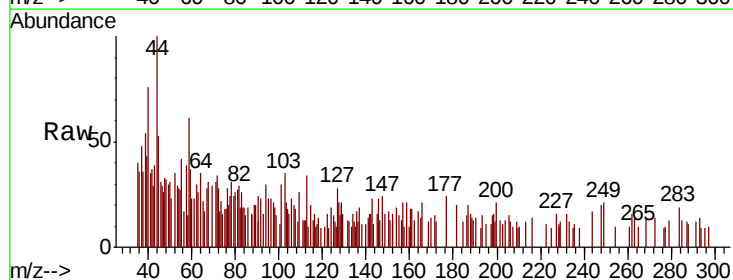
Instrument :
MSVOA_X
ClientSampleId :

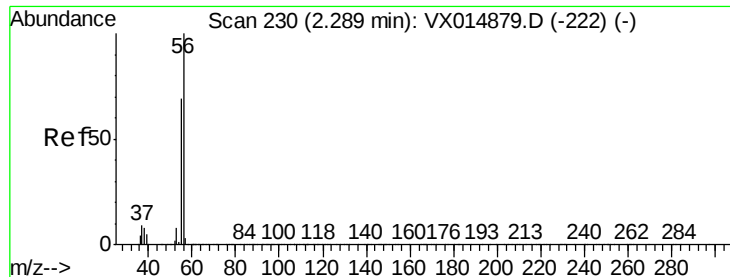
Tot Ion:142 Resp: 1667
Ion Ratio Lower Upper
142 100
127 31.9 31.1 46.7
141 15.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 0.796 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion: 59 Resp: 720
Ion Ratio Lower Upper
59 100
57 49.6 8.2 12.4#





#13

Acrolein

Concen: 0.275 ug/l

RT: 2.31 min Scan# 233

Delta R.T. 0.02 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

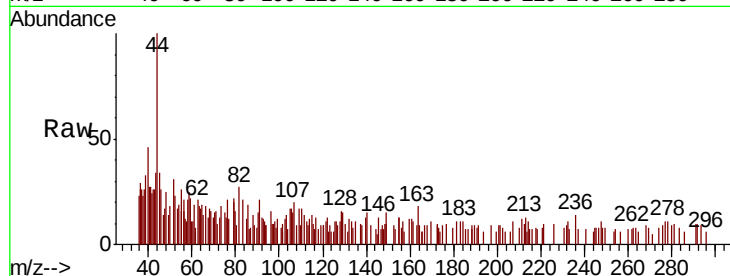
ClientSampleId :

Tot Ion: 56 Resp: 190

Ion Ratio Lower Upper

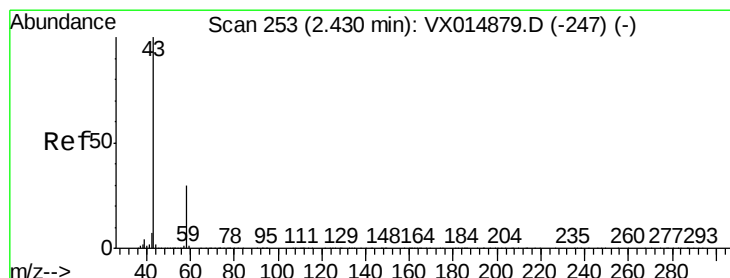
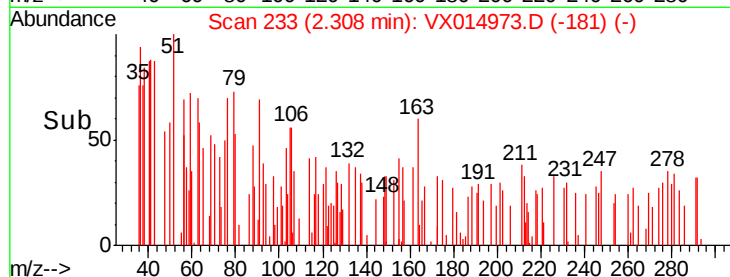
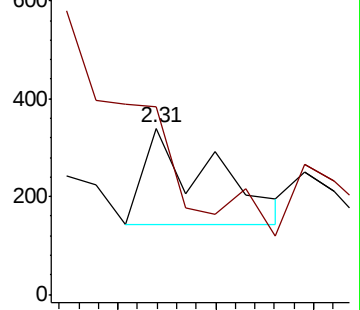
56 100

55 445.3 55.0 82.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 7.312 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014973.D

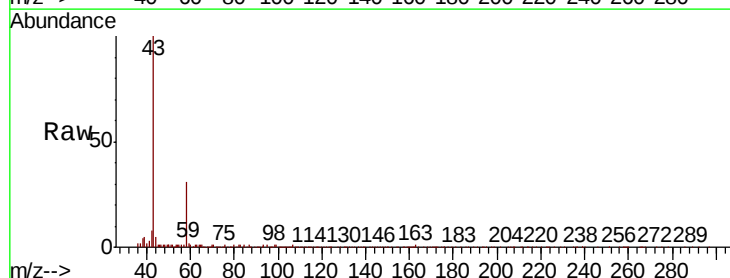
Acq: 20 Feb 2020 12:36

Tgt Ion: 43 Resp: 49341

Ion Ratio Lower Upper

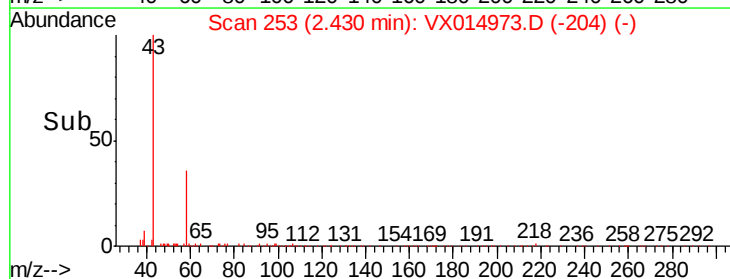
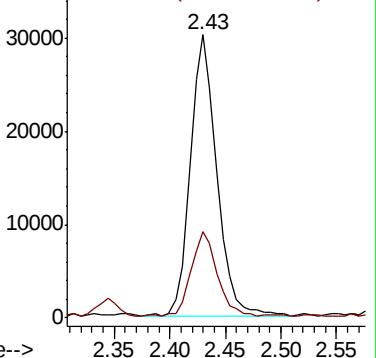
43 100

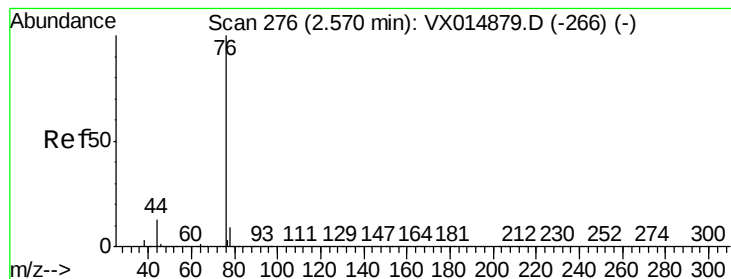
58 30.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.256 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

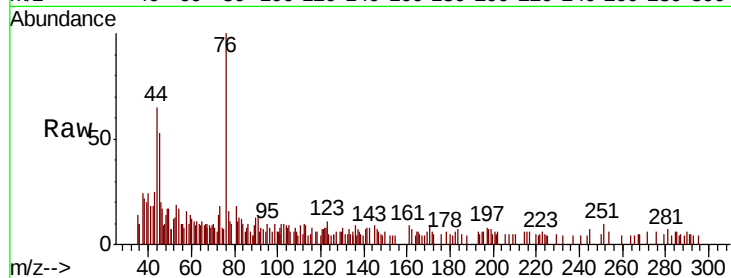
ClientSampled :

Tot Ion: 76 Resp: 2974

Ion Ratio Lower Upper

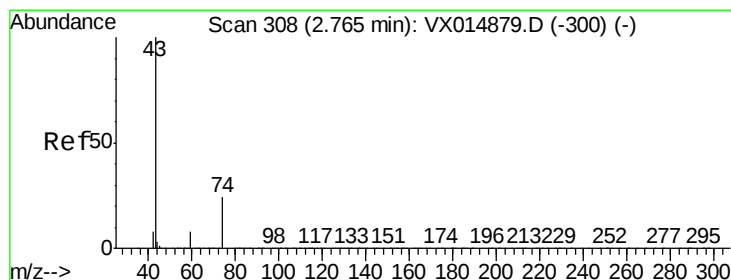
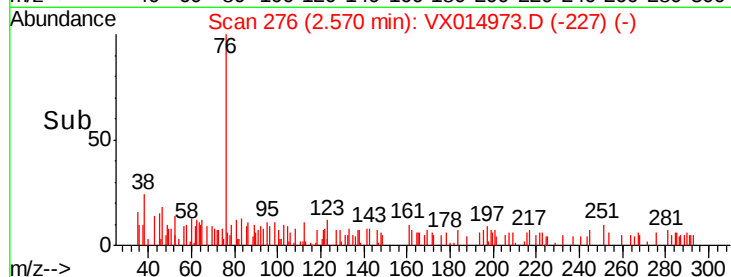
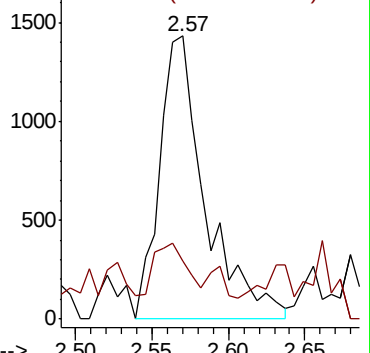
76 100

78 12.3 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.424 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014973.D

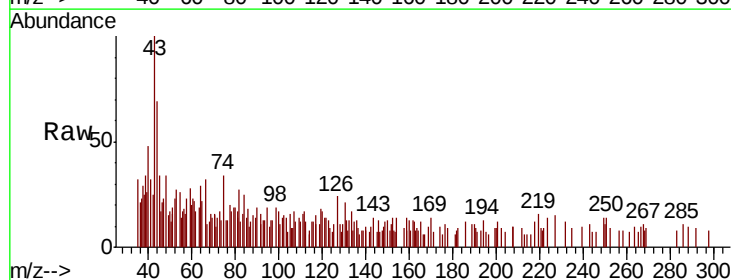
Acq: 20 Feb 2020 12:36

Tgt Ion: 43 Resp: 2188

Ion Ratio Lower Upper

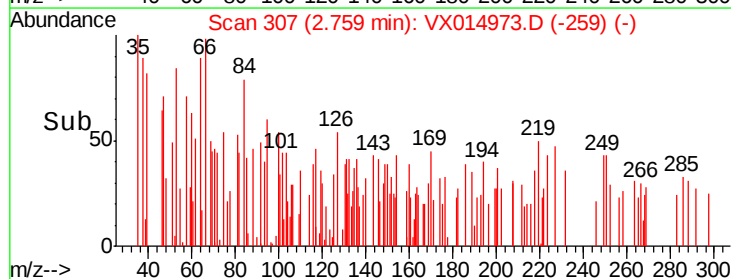
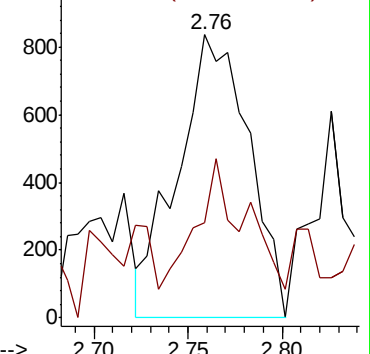
43 100

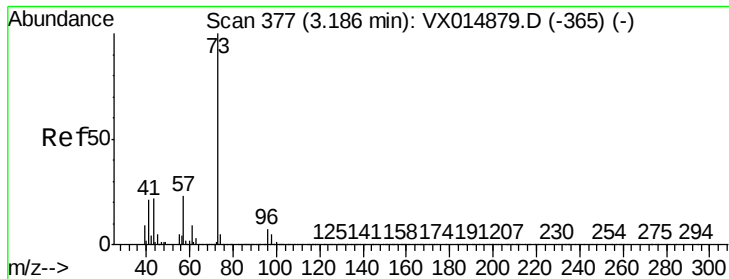
74 36.5 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



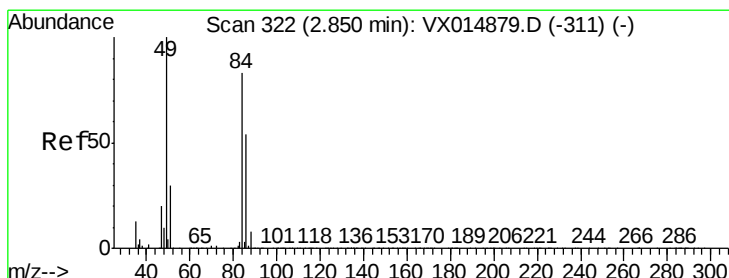
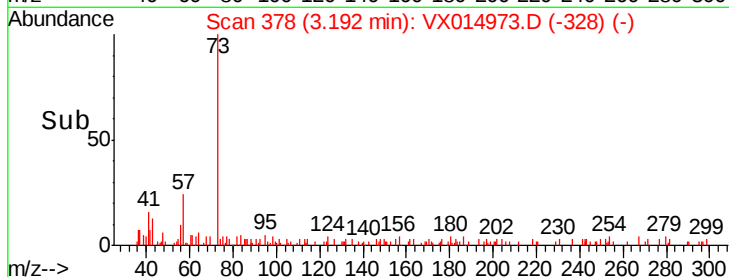
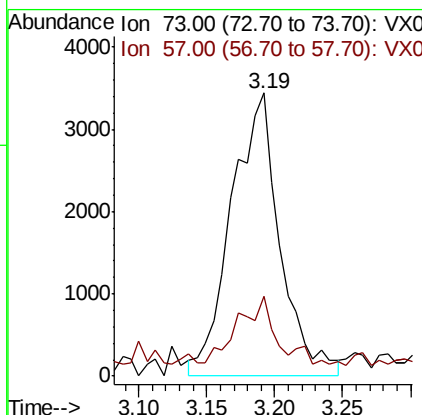
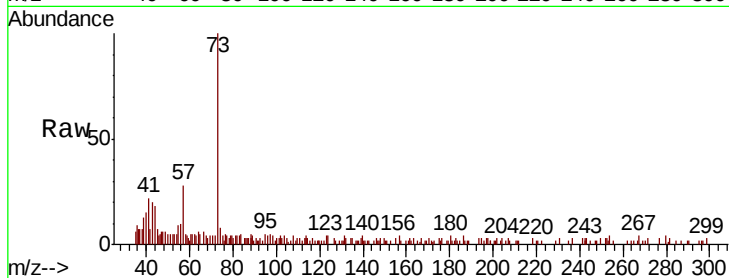


#19

Methyl tert-butyl Ether
 Concen: 0.635 ug/l
 RT: 3.19 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :

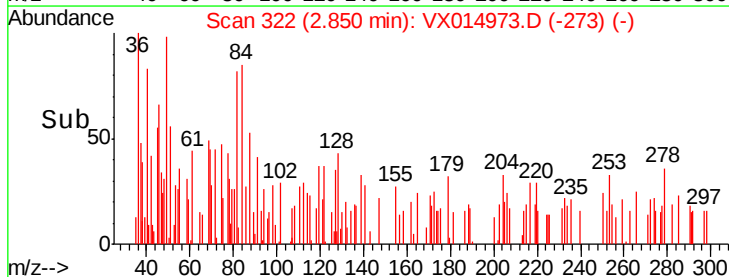
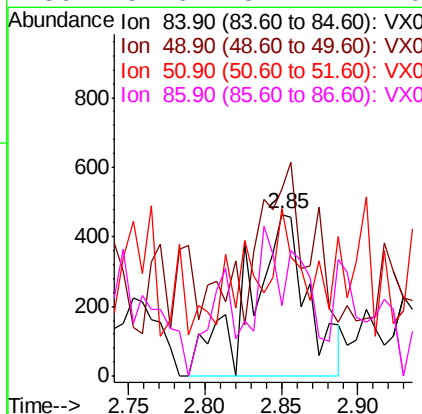
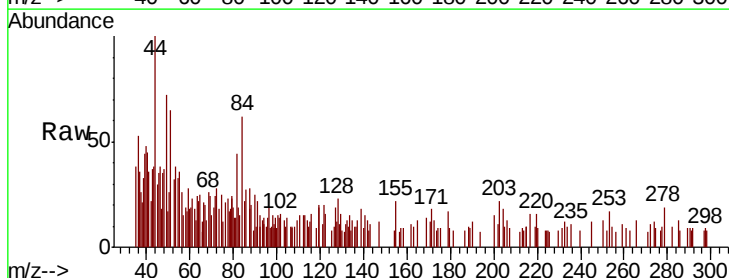
Tot Ion: 73 Resp: 8606
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.2 27.4

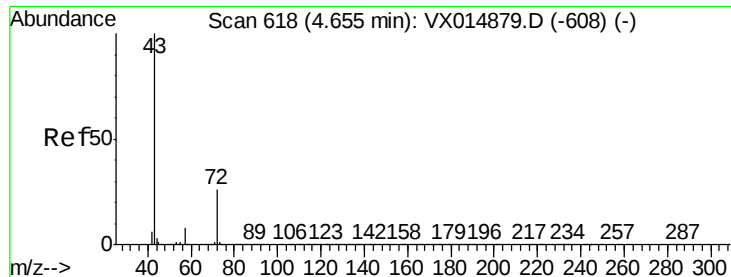


#20

Methylene Chloride
 Concen: 0.257 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

Tgt Ion: 84 Resp: 1268
 Ion Ratio Lower Upper
 84 100
 49 98.5 95.6 143.4
 51 93.8 29.0 43.6#
 86 52.6 51.4 77.0

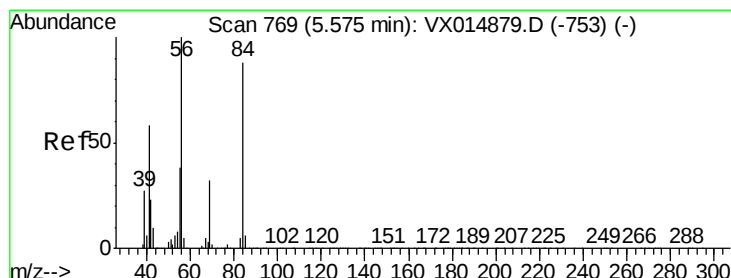
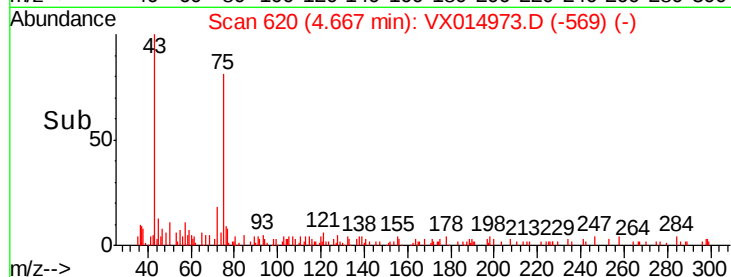
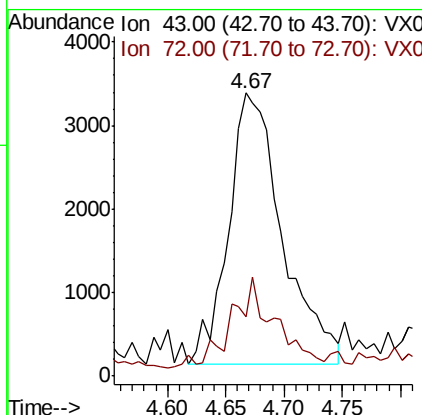
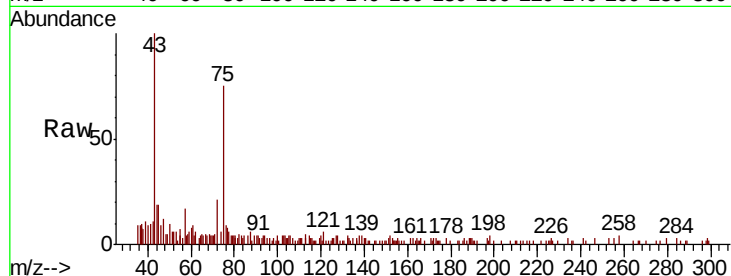




#25
2-Butanone
Concen: 2.979 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

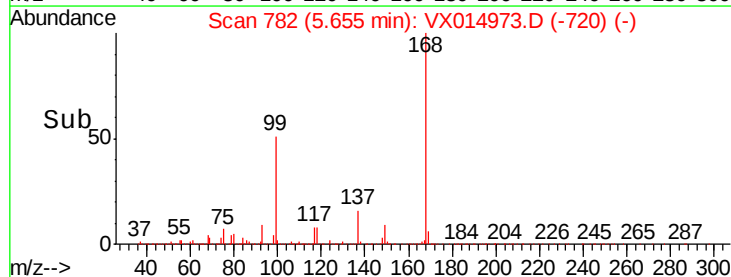
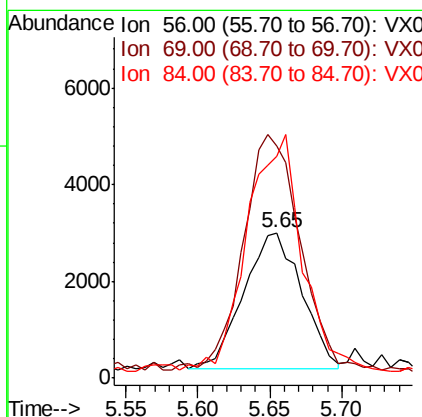
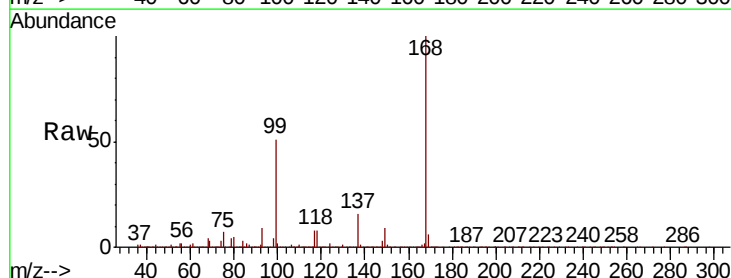
Instrument :
MSVOA_X
ClientSampleId :

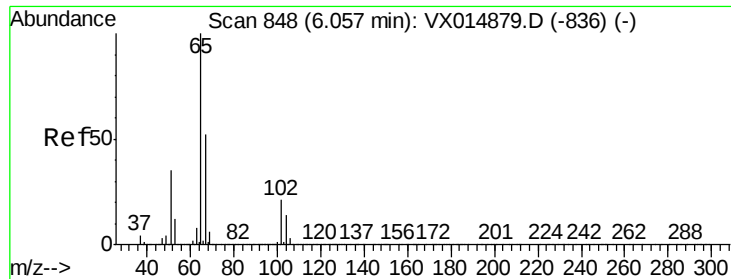
Tot Ion: 43 Resp: 10396
Ion Ratio Lower Upper
43 100
72 14.5 21.0 31.6#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.08 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion: 56 Resp: 7871
Ion Ratio Lower Upper
56 100
69 160.2 25.9 38.9#
84 153.8 70.4 105.6#





#33

1,2-Dichloroethane-d4

Concen: 50.304 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

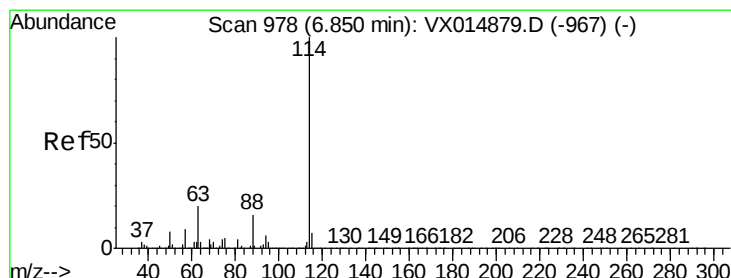
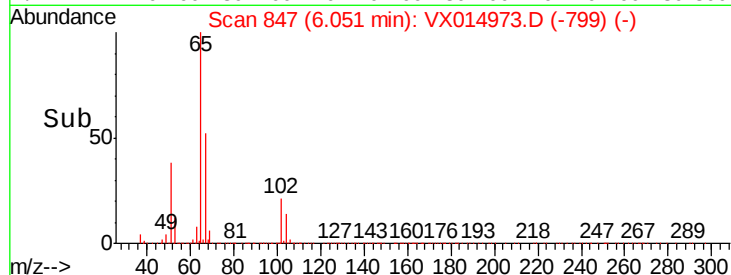
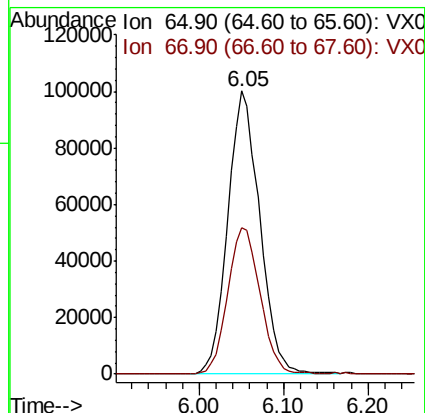
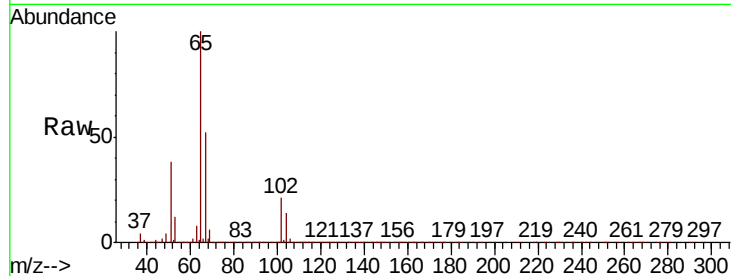
ClientSampleId :

Tot Ion: 65 Resp: 257837

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

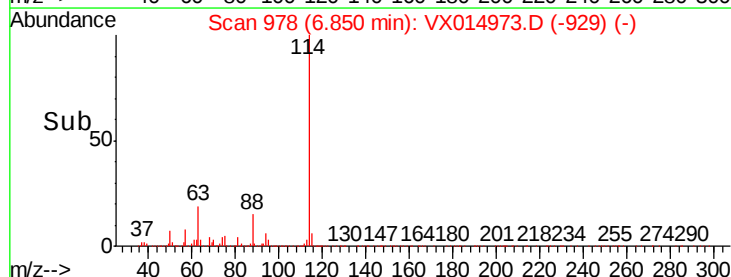
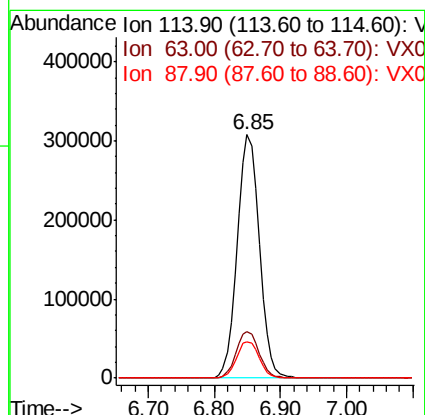
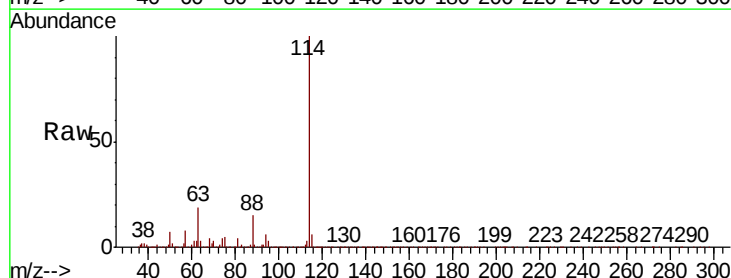
Tgt Ion: 114 Resp: 716009

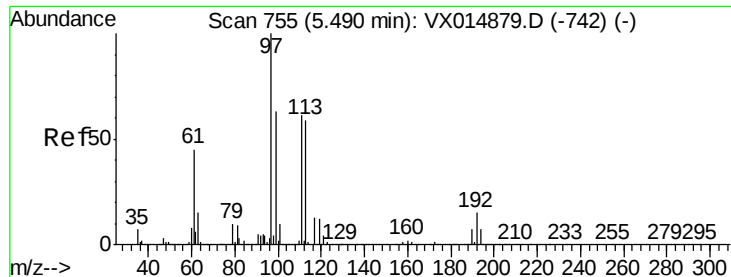
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 14.9 0.0 32.0

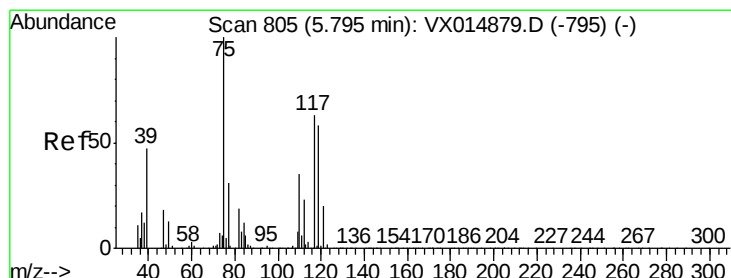
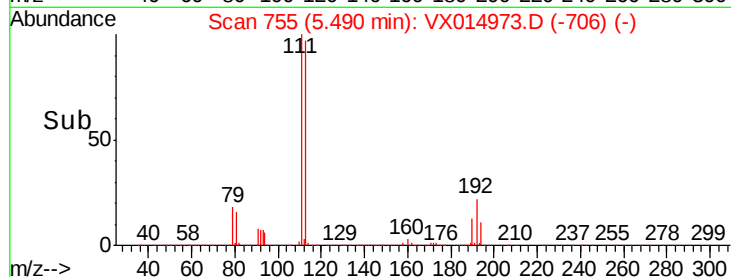
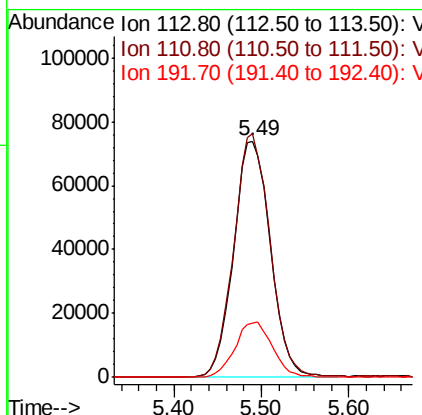
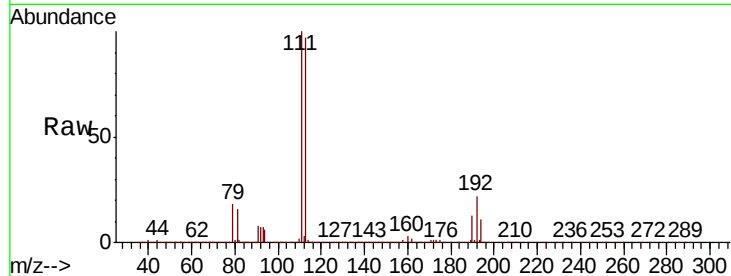




#35
 Dibromofluoromethane
 Concen: 48.906 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

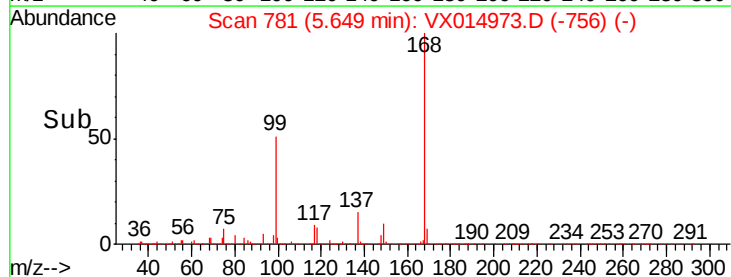
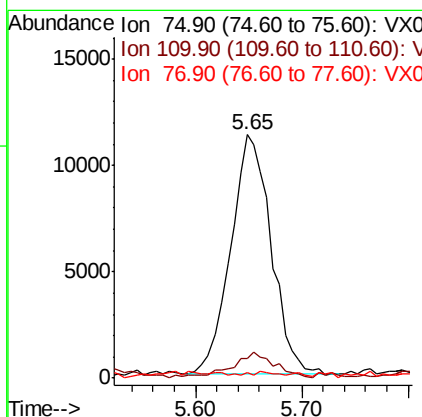
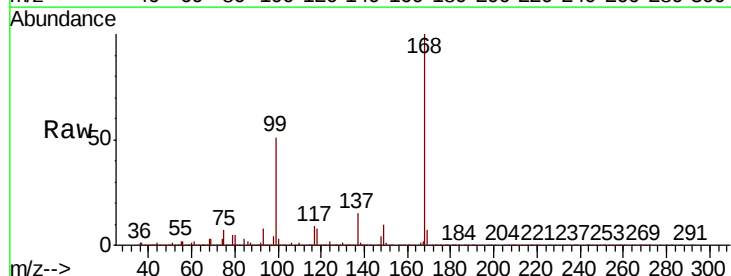
Instrument :
 MSVOA_X
 ClientSampleId :

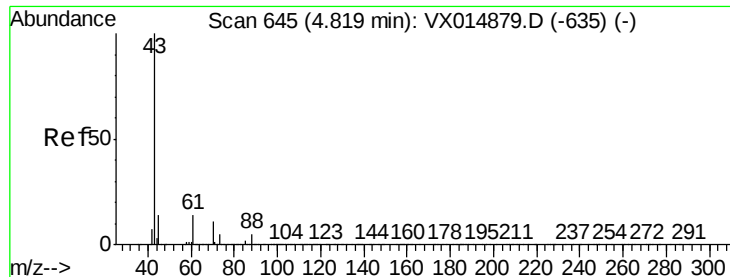
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	24.2	19.1	28.7



#36
 1,1-Dichloropropene
 Concen: 4.676 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.15 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.7	18.3	54.8#
77	1.4	24.6	36.8#

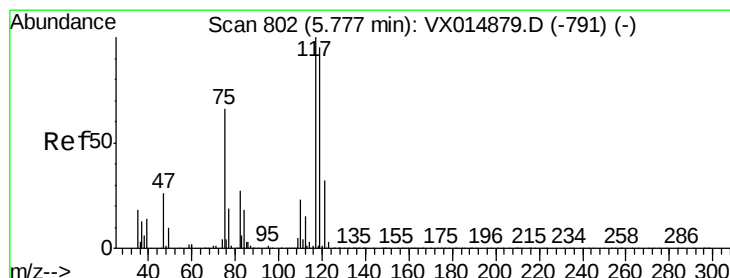
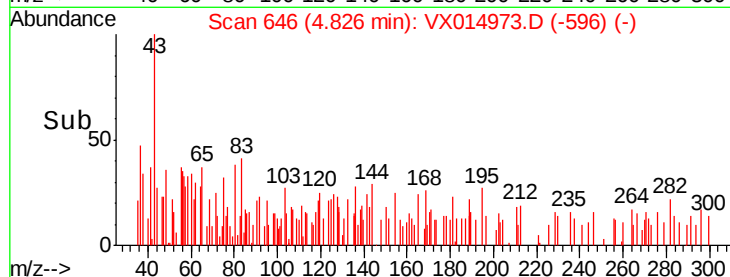
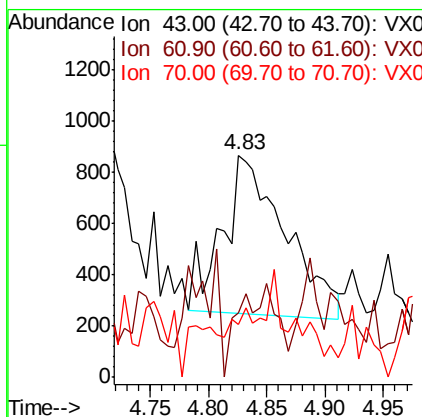
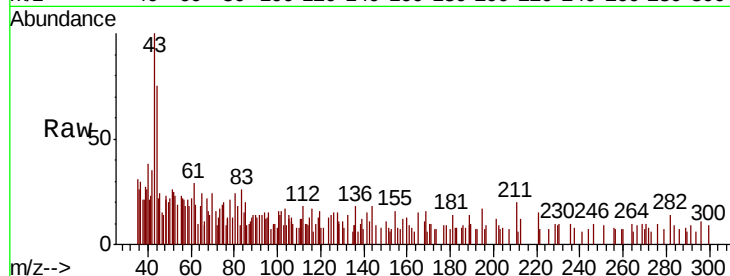




#37
Ethyl Acetate
Concen: 0.350 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

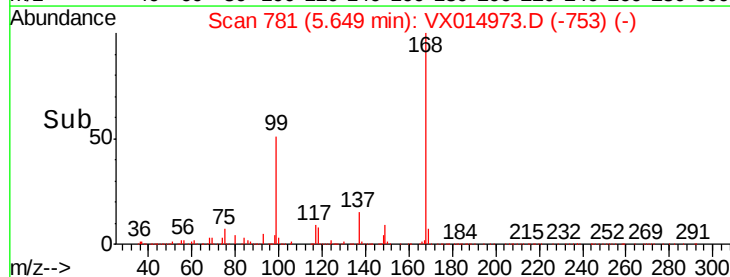
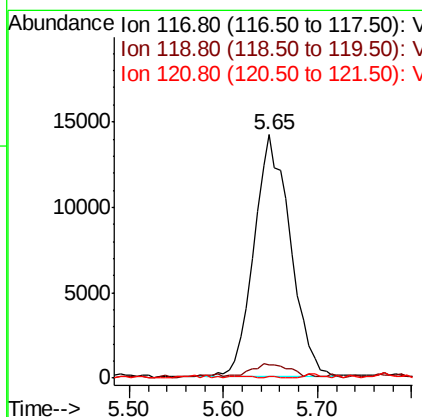
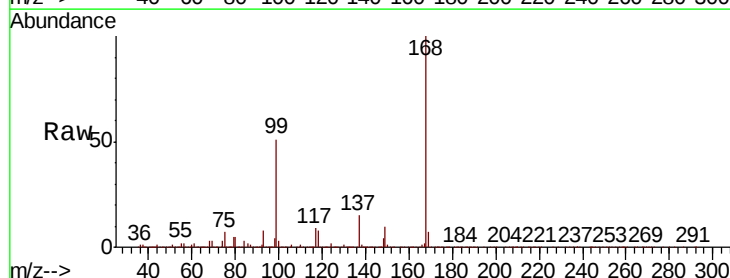
Instrument :
MSVOA_X
ClientSampled :

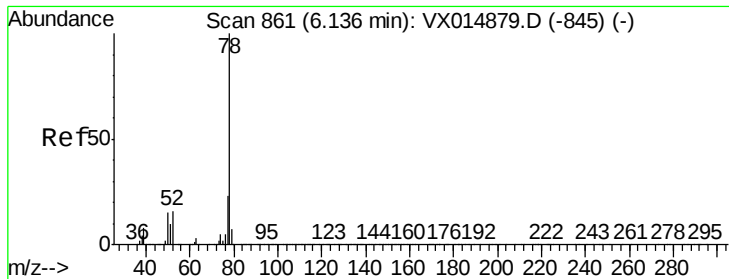
Tot Ion: 43 Resp: 2340
Ion Ratio Lower Upper
43 100
61 16.6 10.9 16.3#
70 5.9 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 6.152 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion: 117 Resp: 38398
Ion Ratio Lower Upper
117 100
119 4.9 76.0 114.0#
121 0.0 25.4 38.2#





#40

Benzene

Concen: 0.609 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

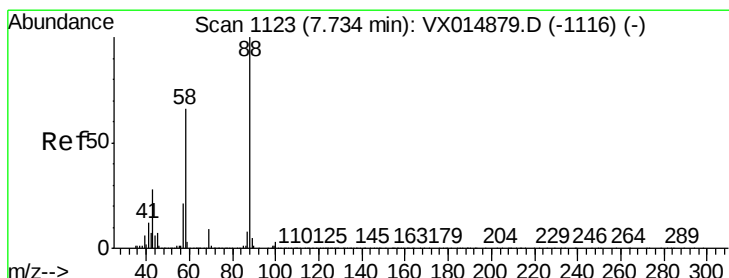
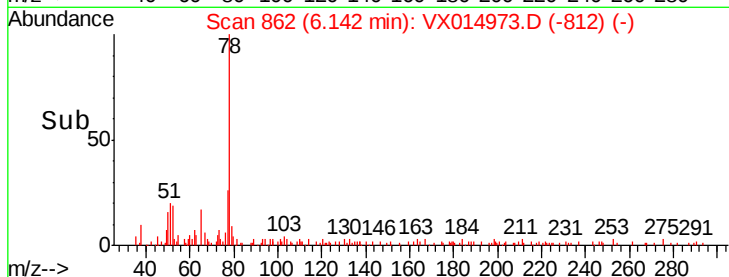
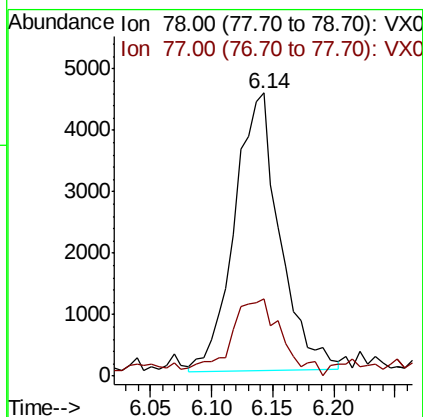
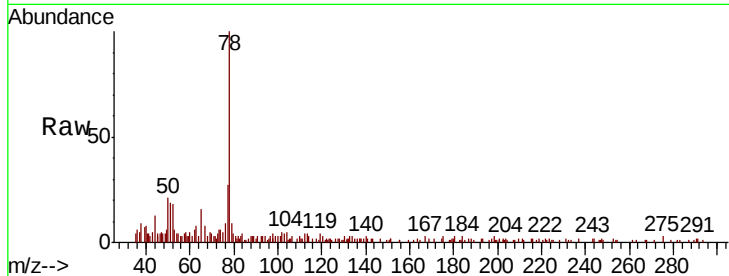
ClientSampled :

Tot Ion: 78 Resp: 11650

Ion Ratio Lower Upper

78 100

77 25.3 18.8 28.2



#49

1,4-Dioxane

Concen: 1.746 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

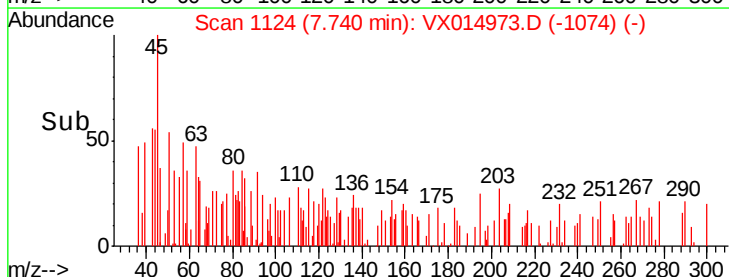
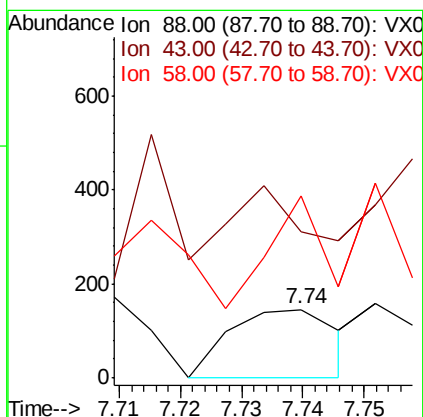
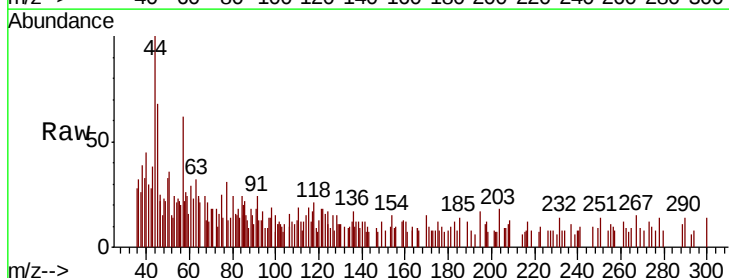
Tgt Ion: 88 Resp: 177

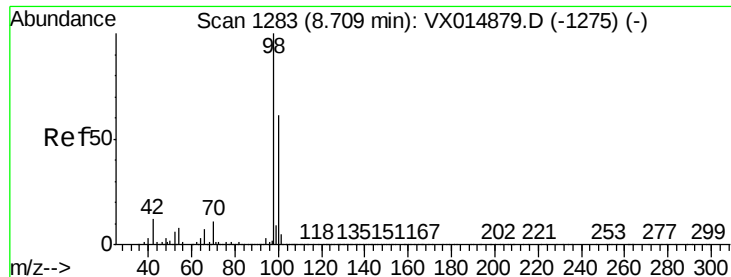
Ion Ratio Lower Upper

88 100

43 218.1 27.0 40.4#

58 81.4 53.2 79.8#

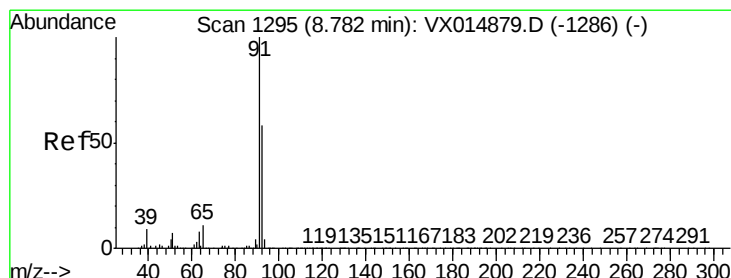
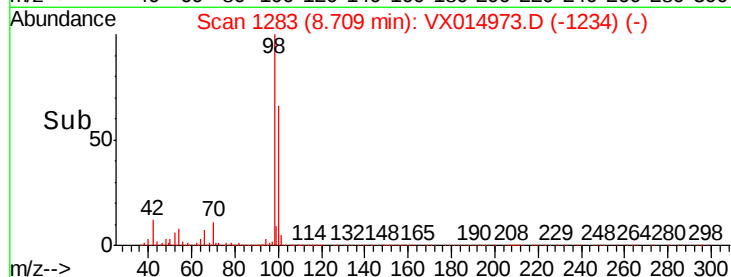
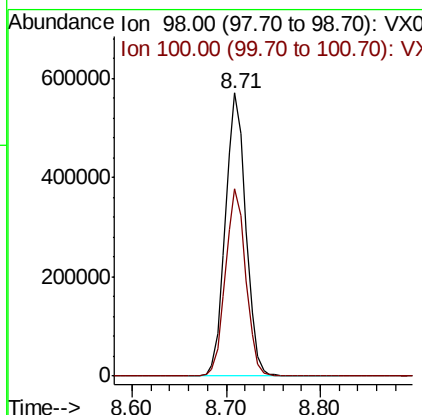
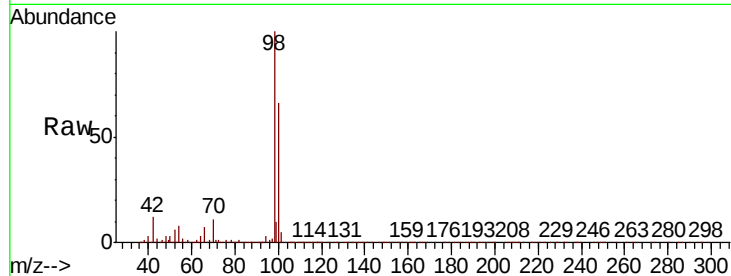




#50
Toluene-d8
Concen: 51.071 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

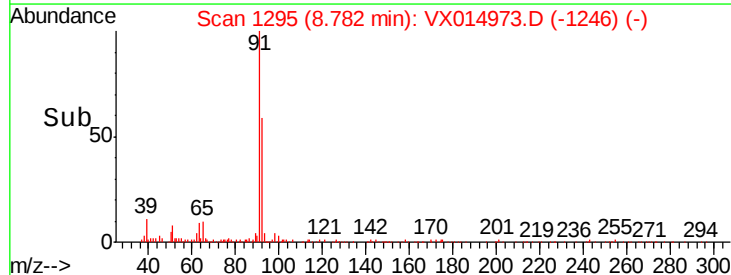
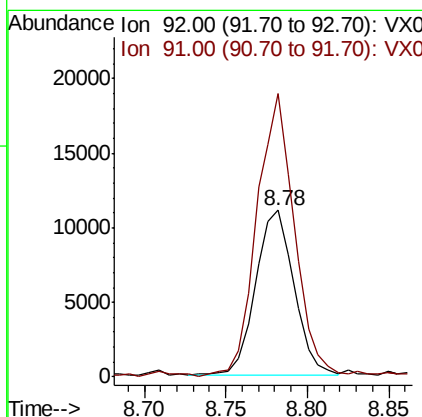
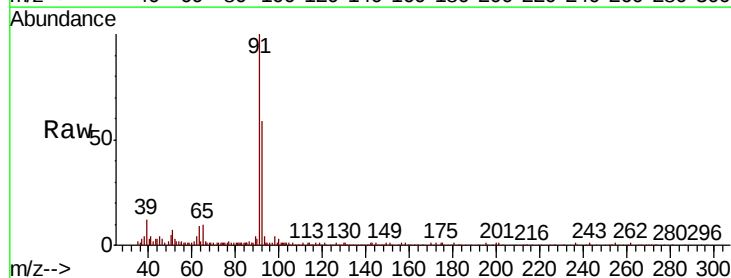
Instrument :
MSVOA_X
ClientSampleId :

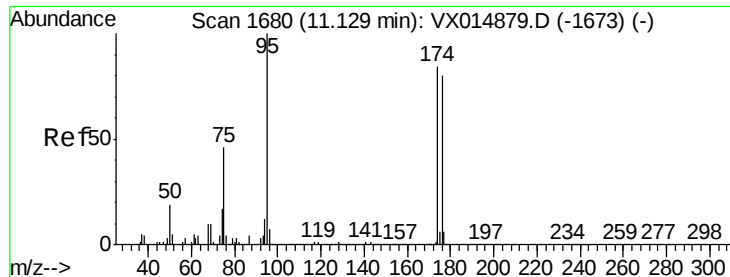
Tot Ion: 98 Resp: 858108
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#52
Toluene
Concen: 1.485 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion: 92 Resp: 18045
Ion Ratio Lower Upper
92 100
91 167.1 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 53.316 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

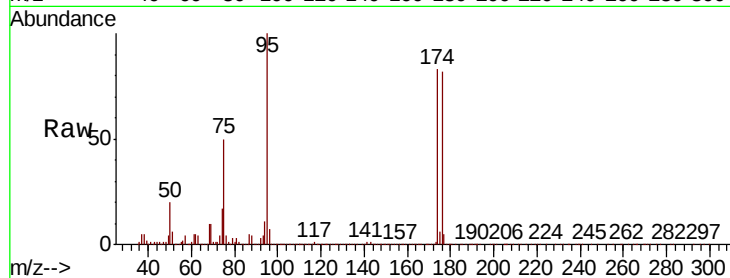
Tot Ion: 95 Resp: 322706

Ion Ratio Lower Upper

95 100

174 90.4 0.0 183.0

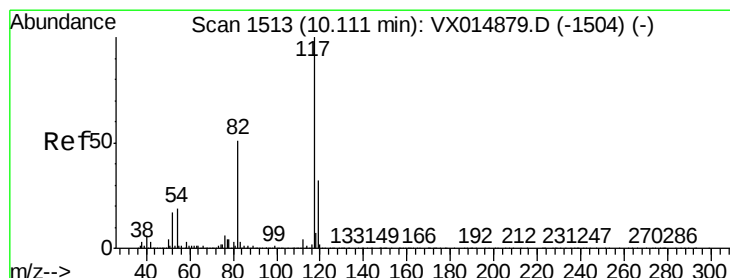
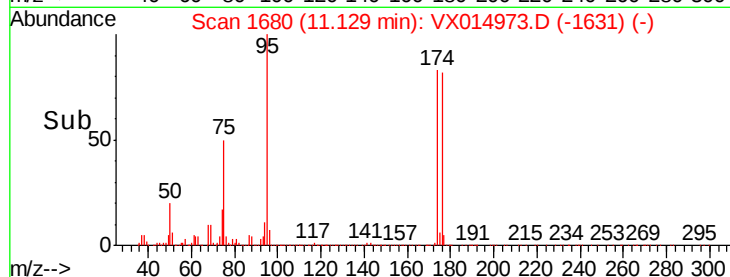
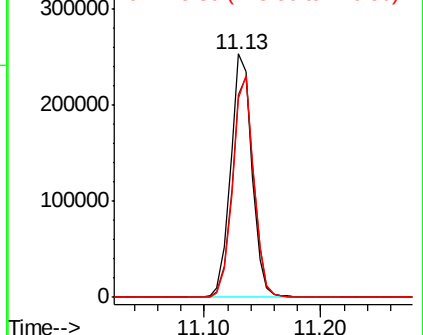
176 89.4 0.0 178.0



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: VX014973.D

Acq: 20 Feb 2020 12:36

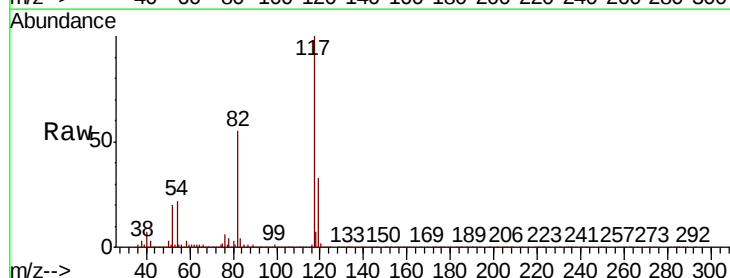
Tgt Ion: 117 Resp: 684331

Ion Ratio Lower Upper

117 100

82 55.3 40.5 60.7

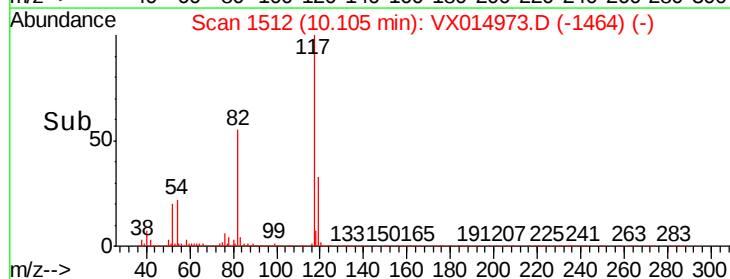
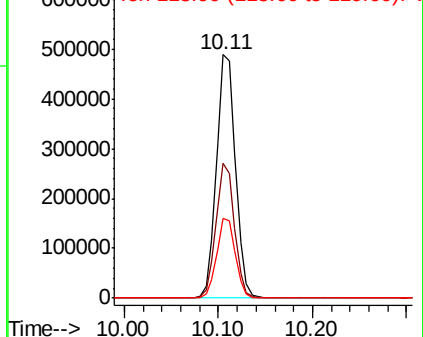
119 32.7 25.8 38.6

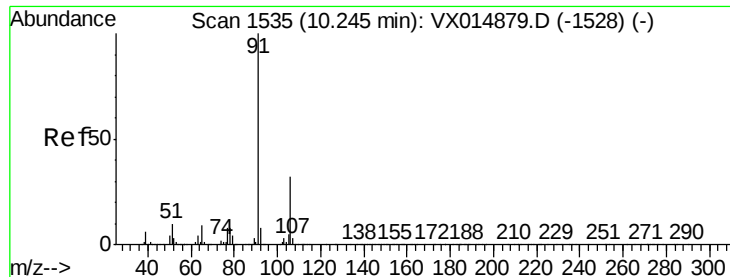


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

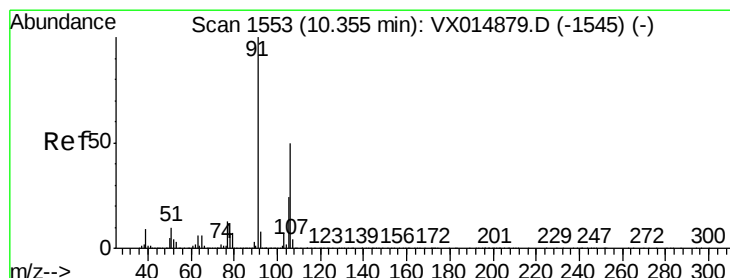
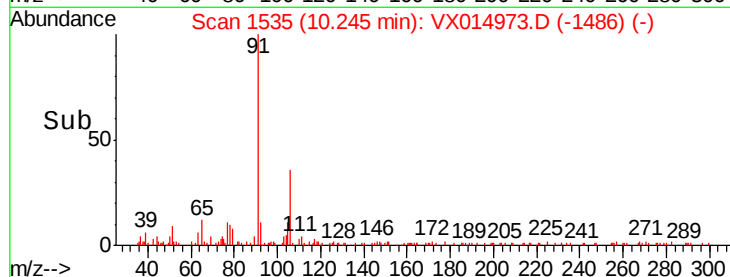
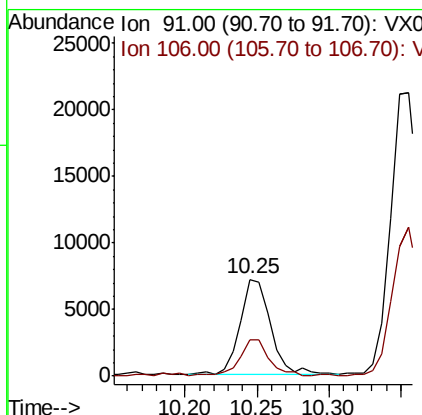
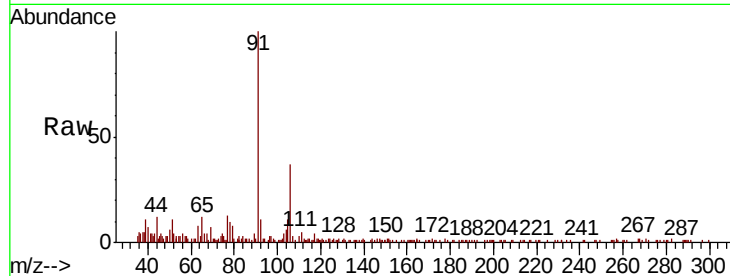




#67
Ethyl Benzene
Concen: 0.457 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

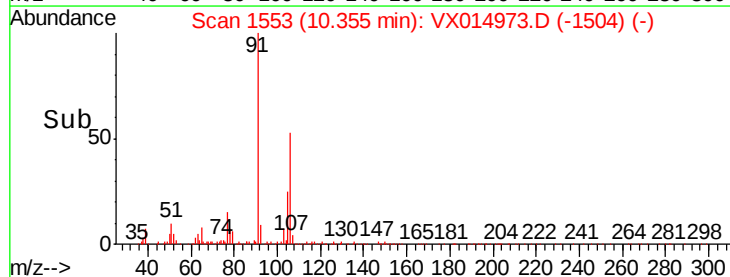
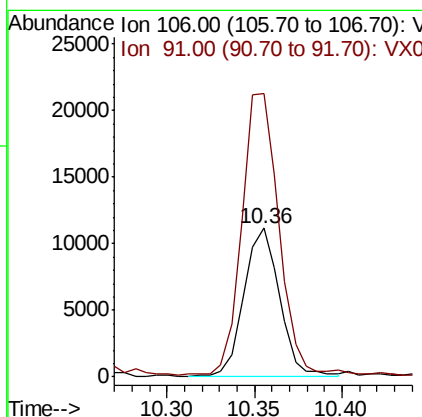
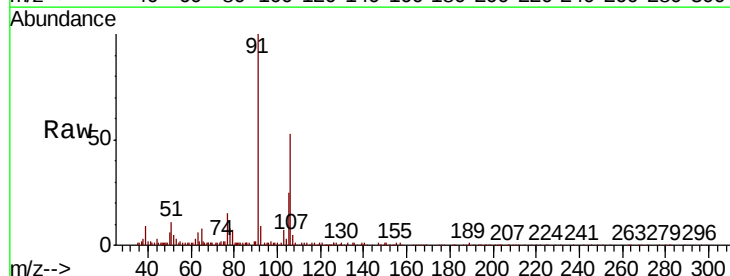
Instrument :
MSVOA_X
ClientSampleID :

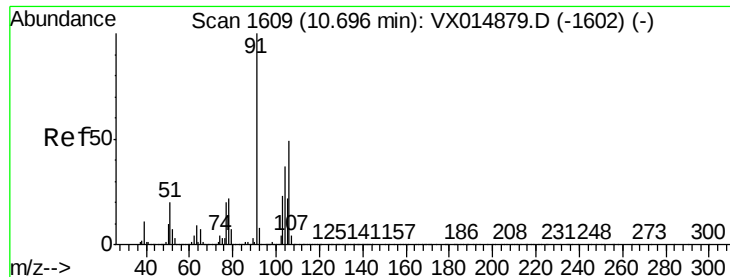
Tot Ion: 91 Resp: 10780
Ion Ratio Lower Upper
91 100
106 37.0 25.3 37.9



#68
m/p-Xylenes
Concen: 1.764 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion: 106 Resp: 16045
Ion Ratio Lower Upper
106 100
91 194.7 160.6 240.8

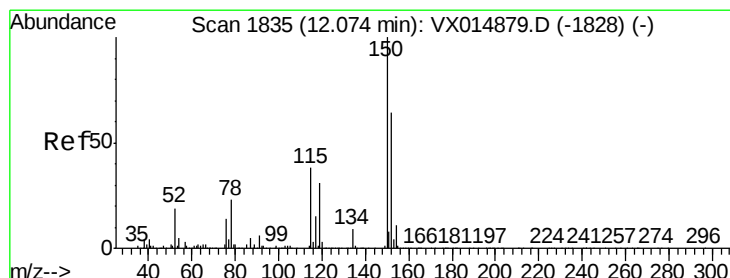
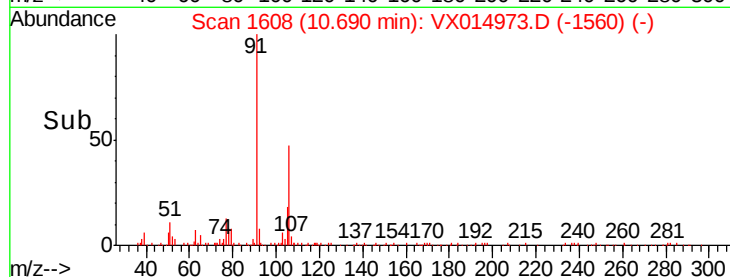
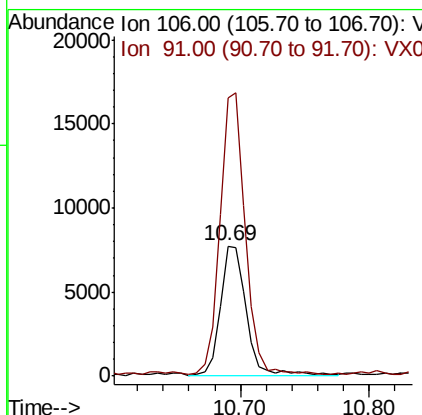
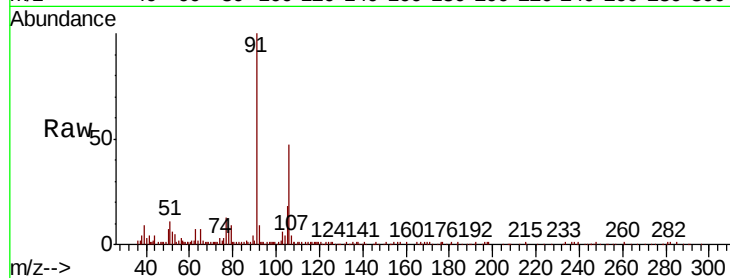




#69
o-Xylene
Concen: 1.275 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

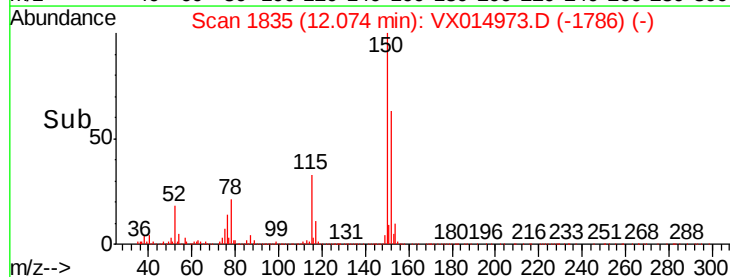
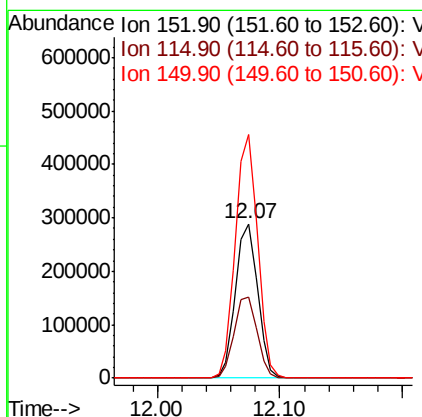
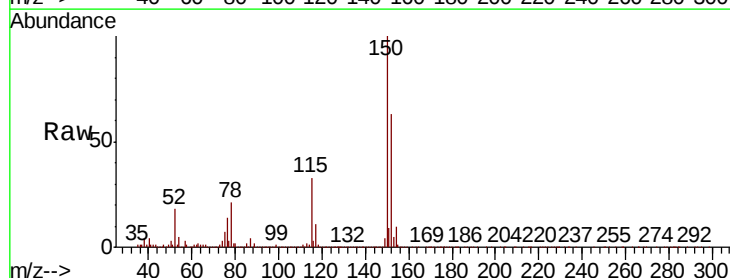
Instrument :
MSVOA_X
ClientSampleId :

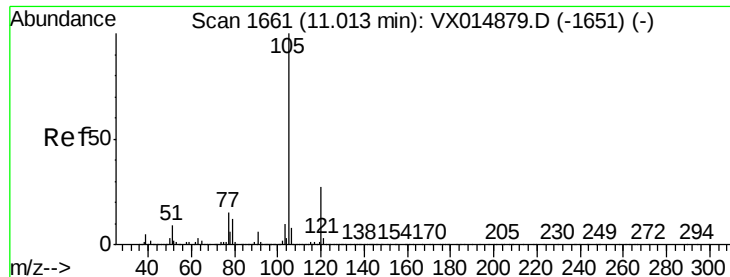
Tot Ion:106 Resp: 11145
Ion Ratio Lower Upper
106 100
91 206.3 105.1 315.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion:152 Resp: 362312
Ion Ratio Lower Upper
152 100
115 54.0 38.6 116.0
150 157.2 0.0 349.0





#73

Isopropylbenzene

Concen: 0.289 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

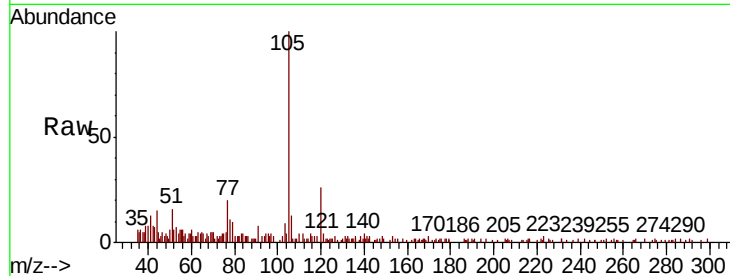
ClientSampled :

Tot Ion:105 Resp: 6571

Ion Ratio Lower Upper

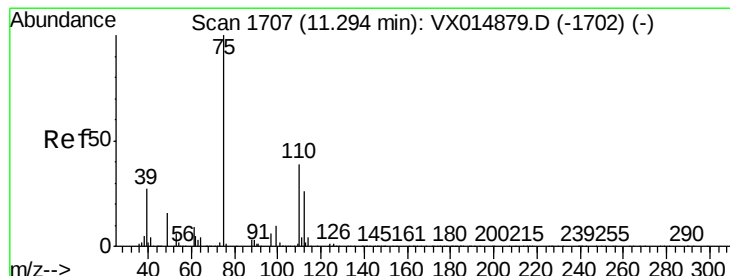
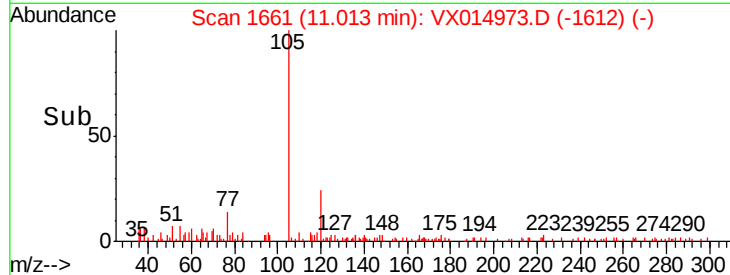
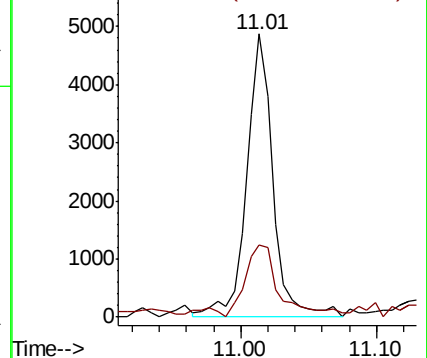
105 100

120 33.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 24.602 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014973.D

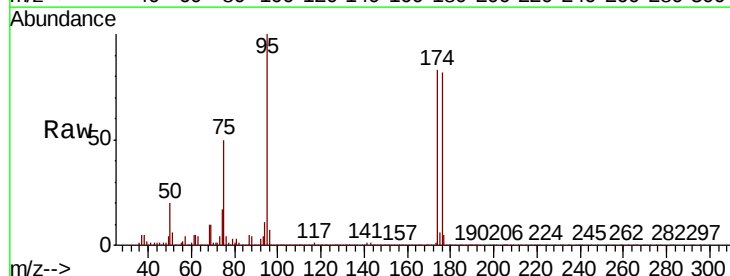
Acq: 20 Feb 2020 12:36

Tgt Ion: 75 Resp: 161186

Ion Ratio Lower Upper

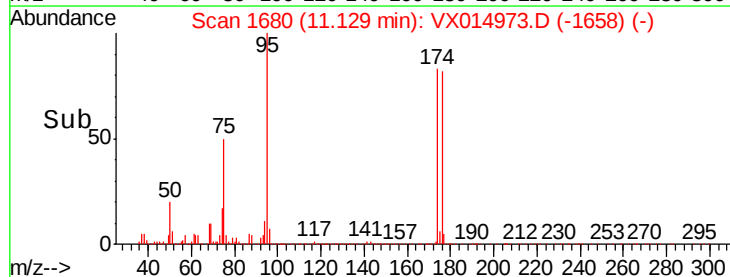
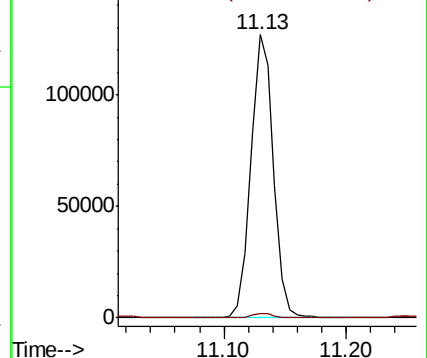
75 100

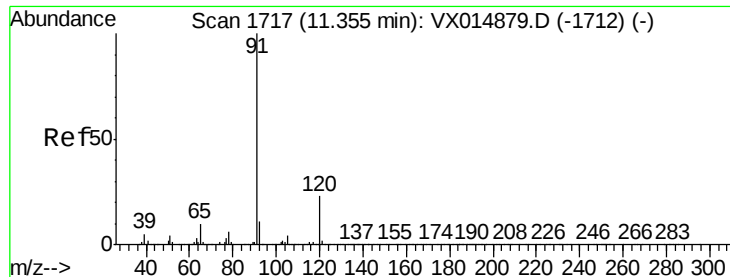
77 1.3 18.4 55.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.766 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

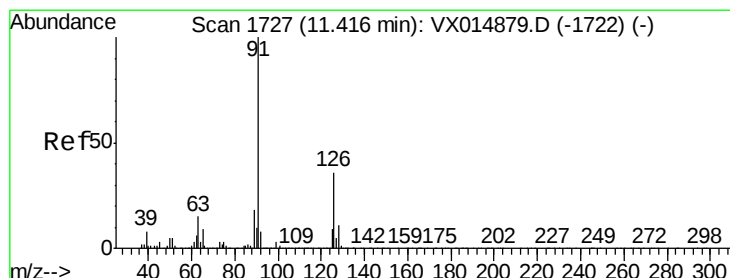
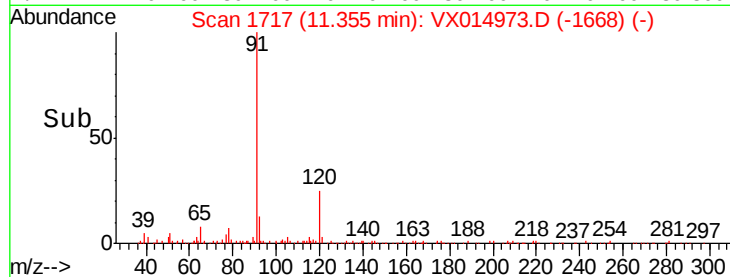
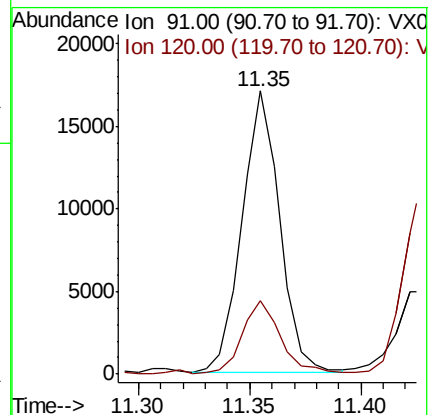
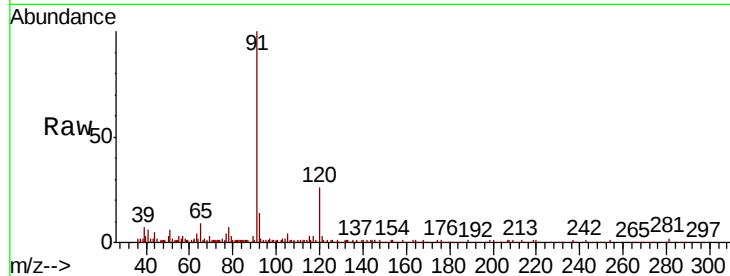
ClientSampleId :

Tot Ion: 91 Resp: 20117

Ion Ratio Lower Upper

91 100

120 25.6 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.349 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.09 min

Lab File: VX014973.D

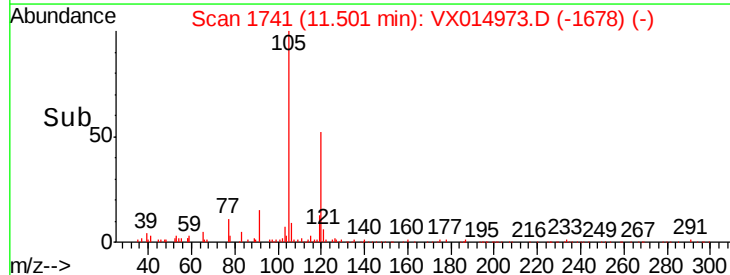
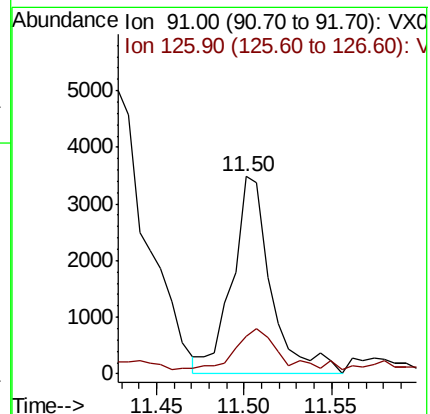
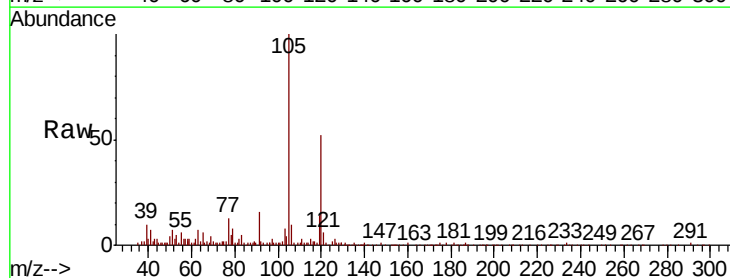
Acq: 20 Feb 2020 12:36

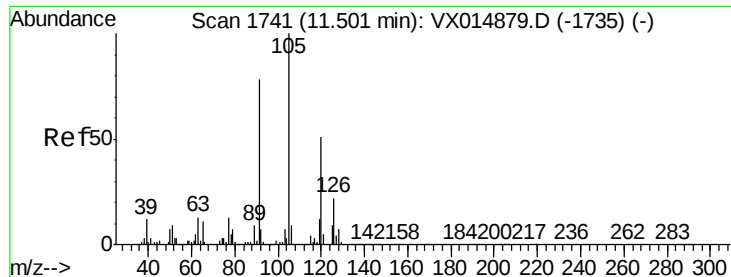
Tgt Ion: 91 Resp: 5392

Ion Ratio Lower Upper

91 100

126 20.1 18.0 54.0





#80

1,3,5-Trimethylbenzene

Concen: 1.324 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

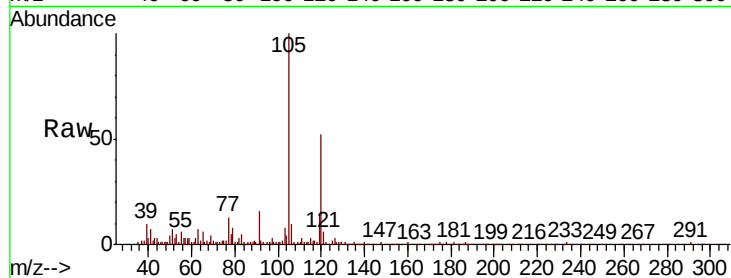
ClientSampled :

Tot Ion:105 Resp: 25127

Ion Ratio Lower Upper

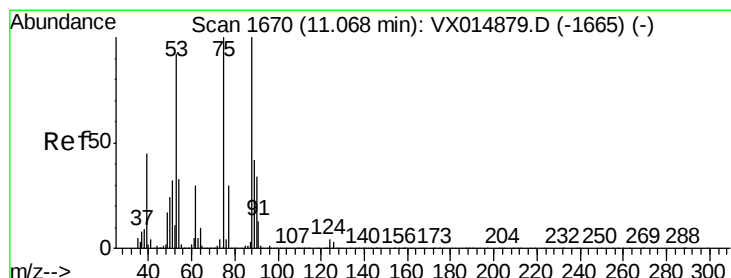
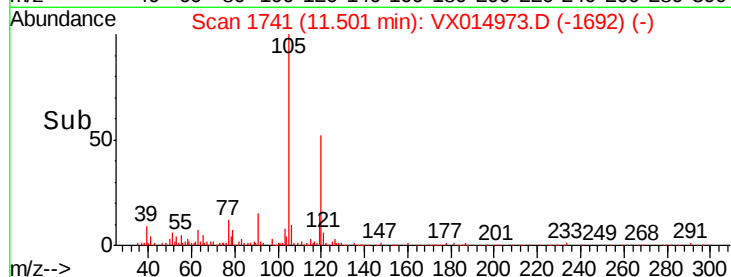
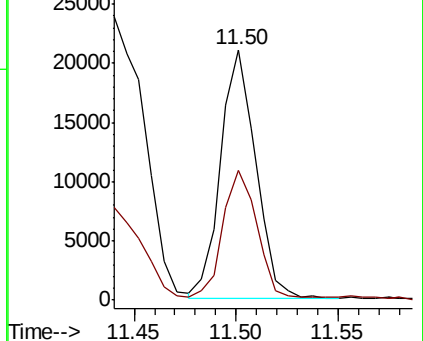
105 100

120 49.2 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 62.973 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

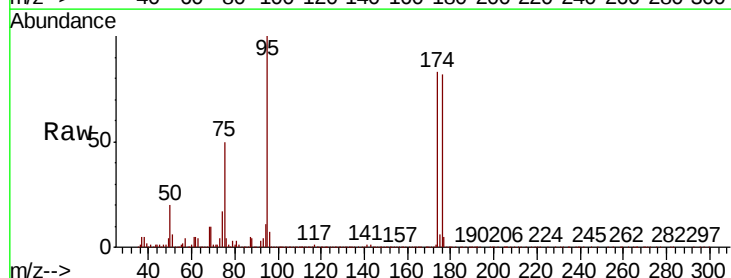
Tgt Ion: 75 Resp: 161186

Ion Ratio Lower Upper

75 100

53 0.3 76.2 114.2#

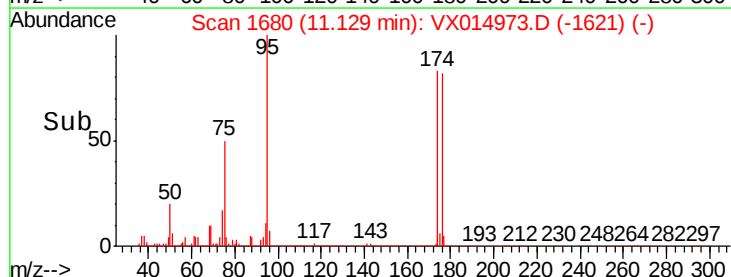
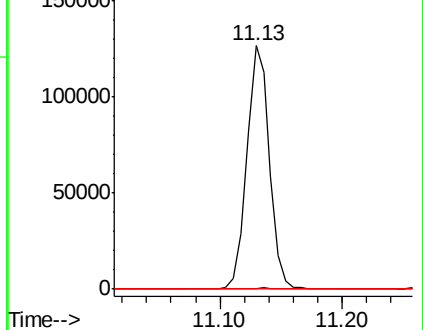
89 0.2 35.8 53.6#

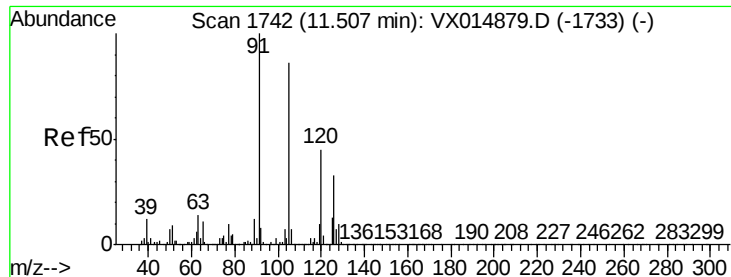


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.295 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

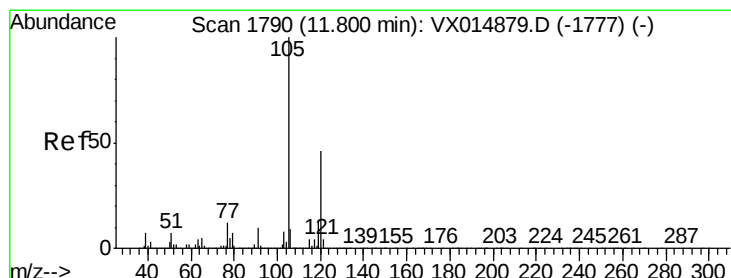
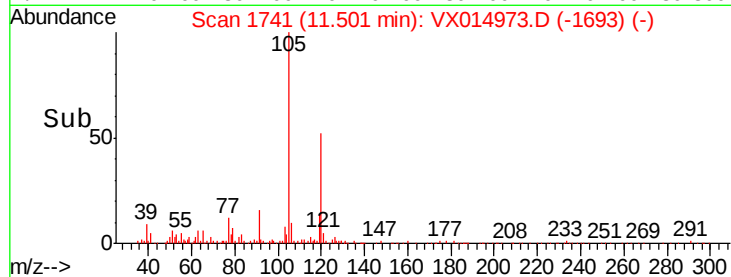
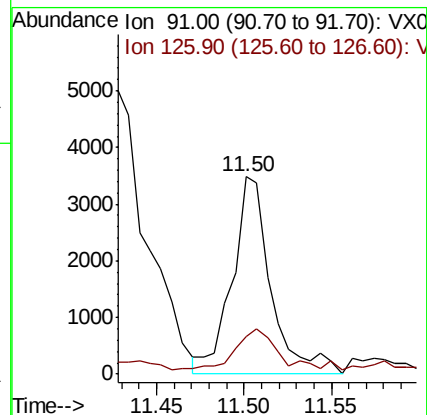
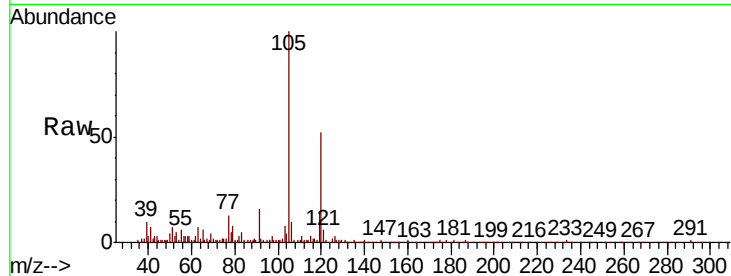
ClientSampleId :

Tot Ion: 91 Resp: 5392

Ion Ratio Lower Upper

91 100

126 20.9 15.7 47.0



#84

1,2,4-Trimethylbenzene

Concen: 5.613 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014973.D

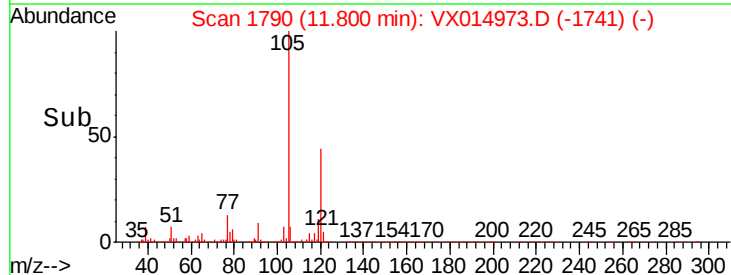
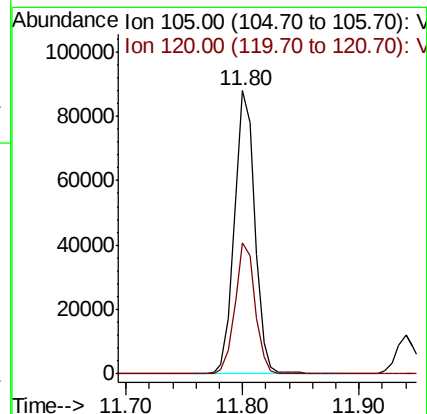
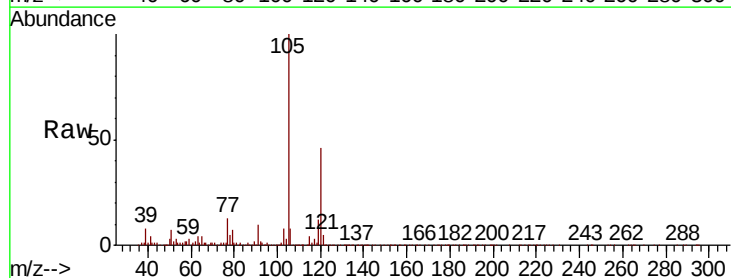
Acq: 20 Feb 2020 12:36

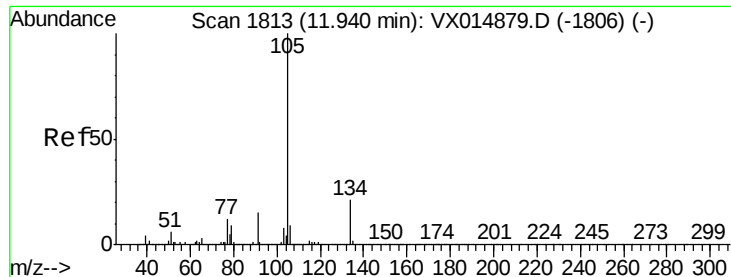
Tgt Ion: 105 Resp: 107386

Ion Ratio Lower Upper

105 100

120 46.1 23.0 69.0

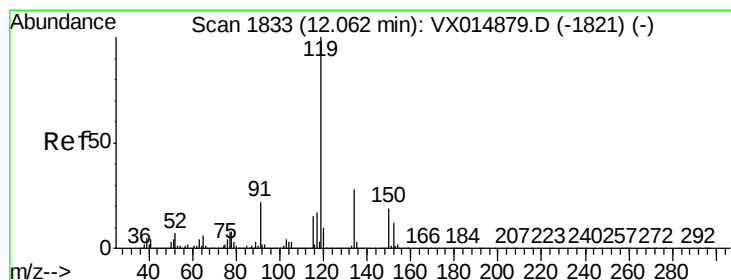
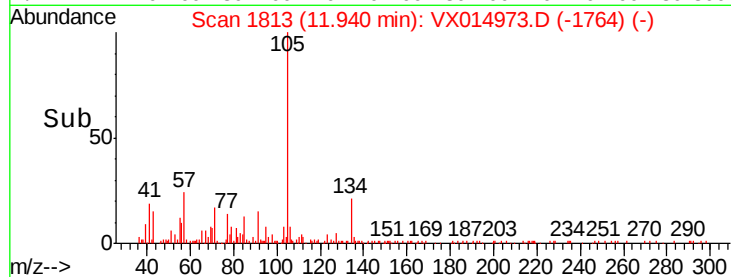
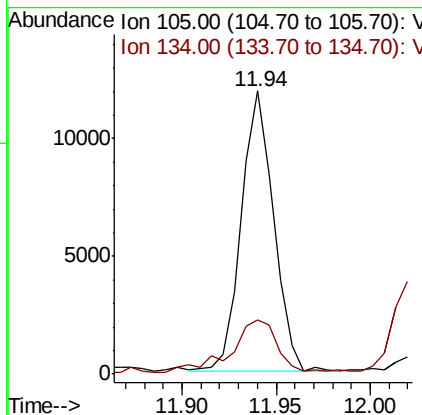
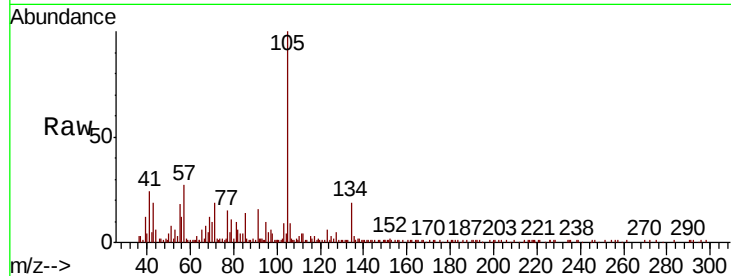




#85
 sec-Butylbenzene
 Concen: 0.633 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

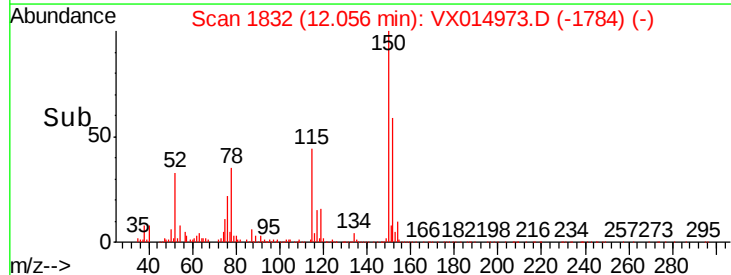
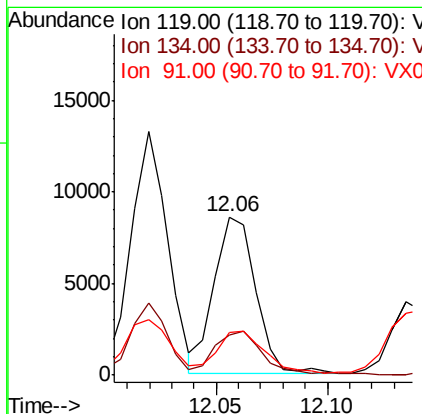
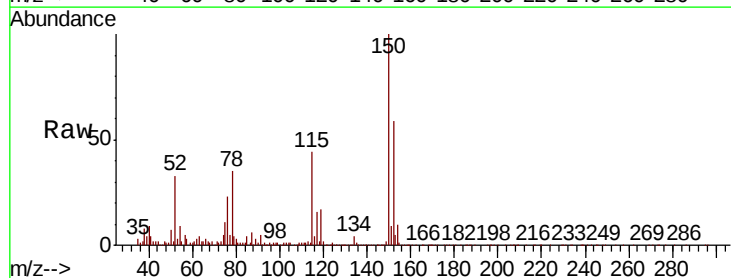
Instrument :
 MSVOA_X
 ClientSampled :

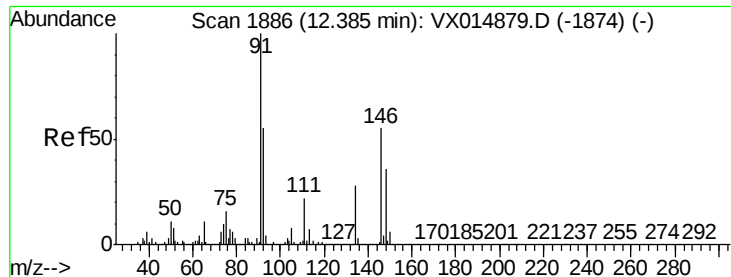
Tot Ion:105 Resp: 14140
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 0.531 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

Tgt Ion:119 Resp: 11103
 Ion Ratio Lower Upper
 119 100
 134 33.4 13.5 40.5
 91 29.9 11.4 34.1





#89

n-Butylbenzene

Concen: 1.831 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampled :

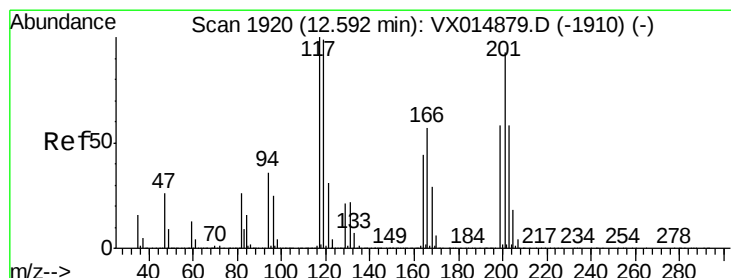
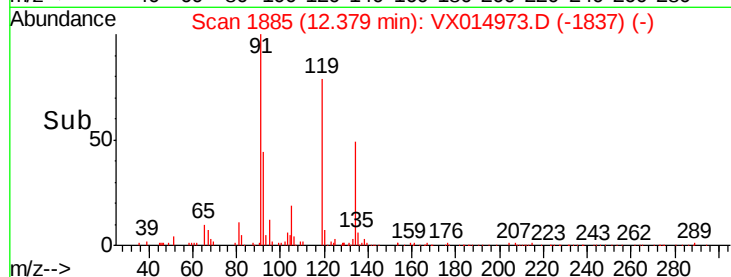
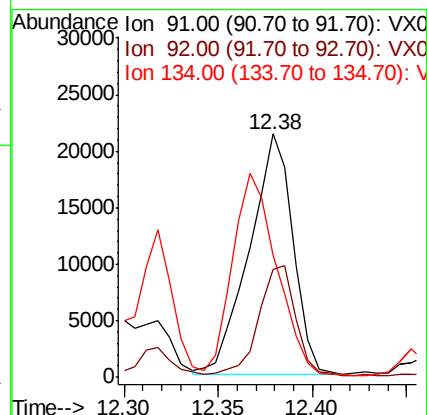
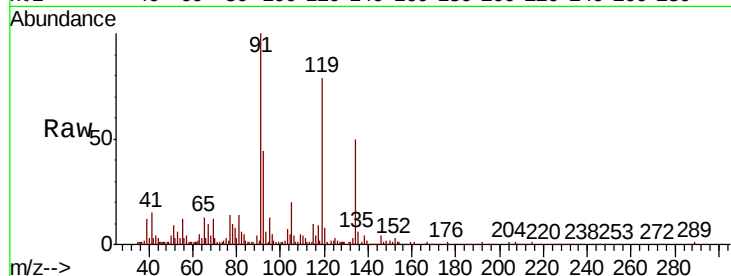
Tot Ion: 91 Resp: 34266

Ion Ratio Lower Upper

91 100

92 39.1 27.3 81.8

134 85.2 13.8 41.4#



#90

Hexachloroethane

Concen: 1.194 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX014973.D

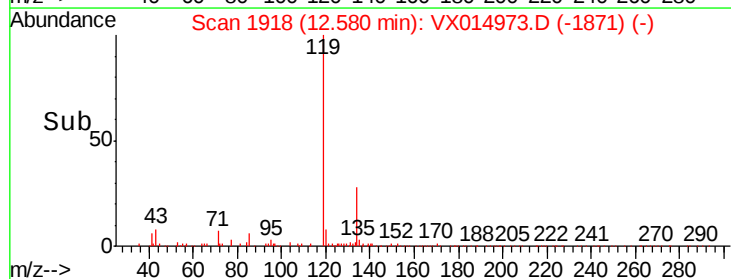
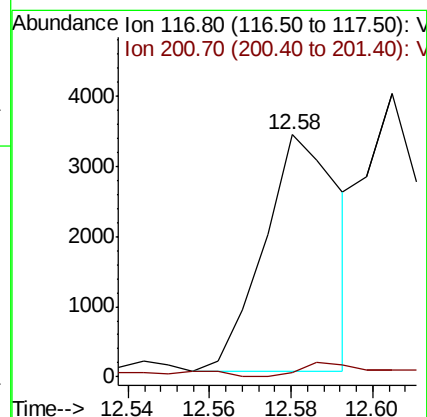
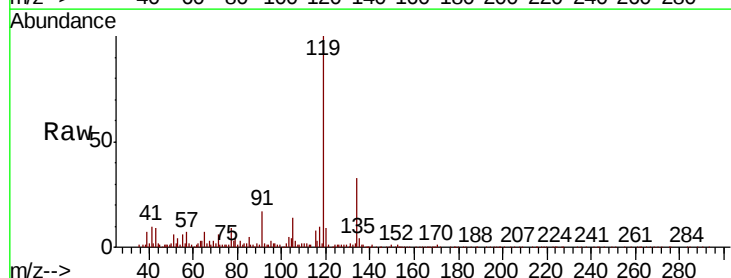
Acq: 20 Feb 2020 12:36

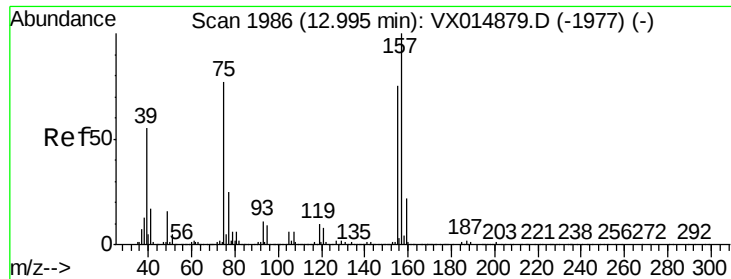
Tgt Ion: 117 Resp: 4359

Ion Ratio Lower Upper

117 100

201 7.4 44.8 134.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.560 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

Instrument :

MSVOA_X

ClientSampleId :

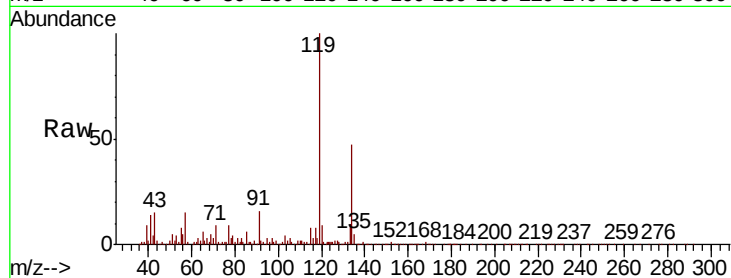
Tot Ion: 75 Resp: 976

Ion Ratio Lower Upper

75 100

155 80.3 48.6 145.9

157 0.0 62.0 186.0#

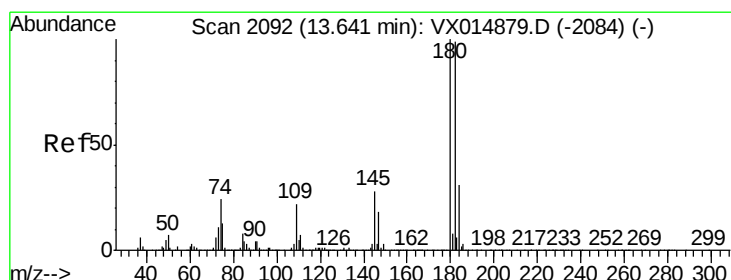
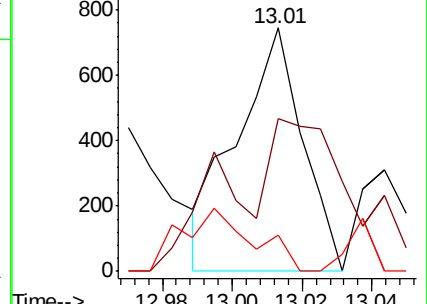
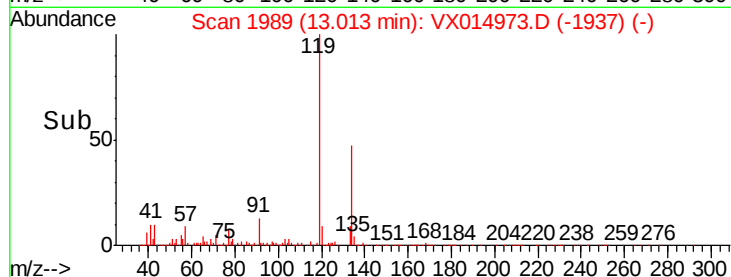


Abundance Ion 74.90 (74.60 to 75.60): VX014879.D (-1977) (-)

Ion 154.80 (154.50 to 155.50): VX014879.D (-1977) (-)

Ion 156.80 (156.50 to 157.50): VX014879.D (-1977) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.452 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014973.D

Acq: 20 Feb 2020 12:36

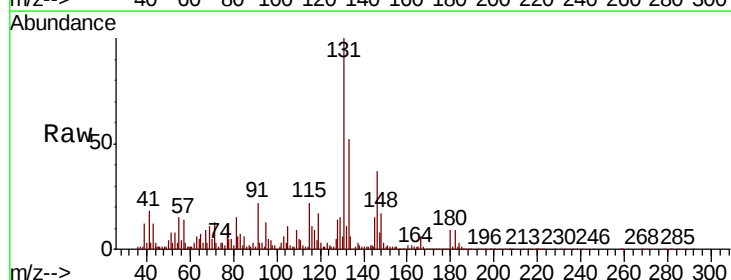
Tgt Ion: 180 Resp: 3722

Ion Ratio Lower Upper

180 100

182 111.0 48.4 145.3

145 191.6 14.1 42.4#

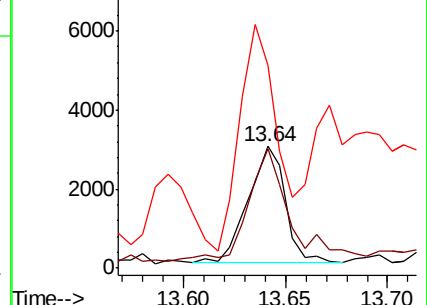
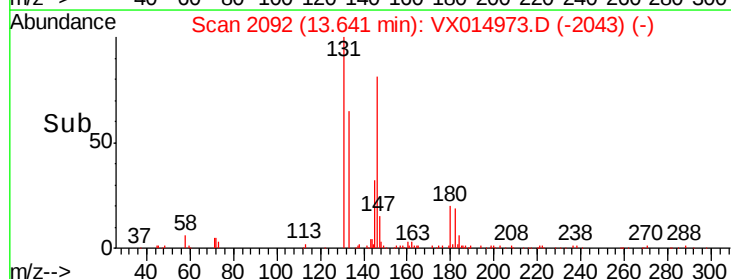


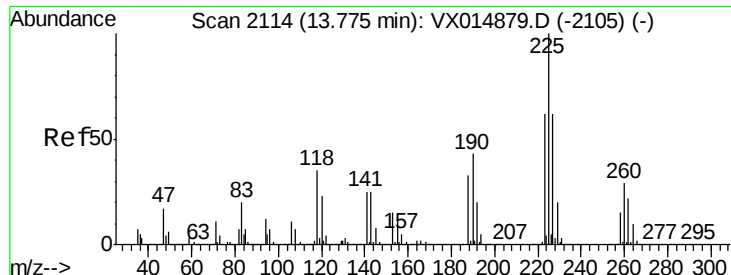
Abundance Ion 179.80 (179.50 to 180.50): VX014879.D (-2084) (-)

Ion 181.80 (181.50 to 182.50): VX014879.D (-2084) (-)

Ion 144.80 (144.50 to 145.50): VX014879.D (-2084) (-)

Time-->

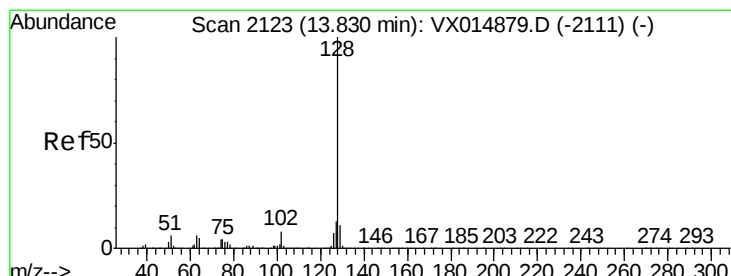
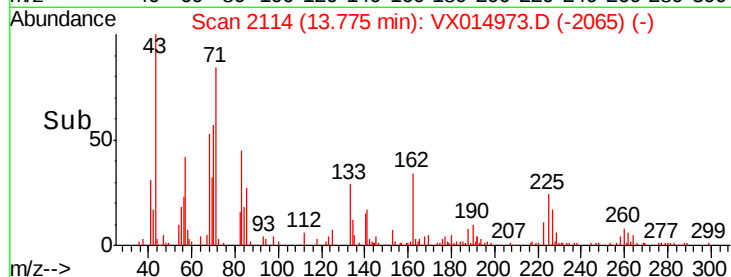
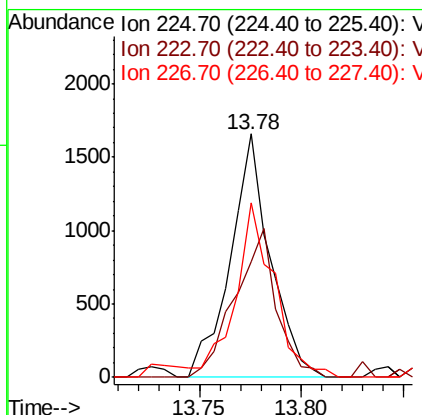
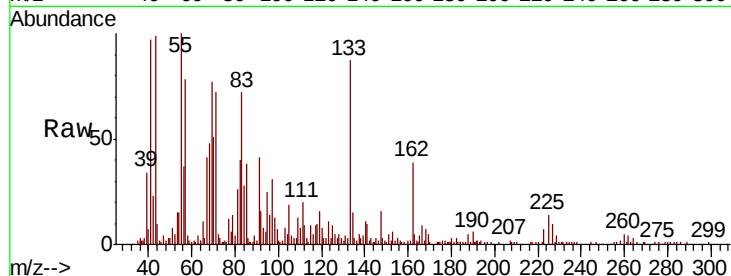




#94
Hexachlorobutadiene
Concen: 0.562 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

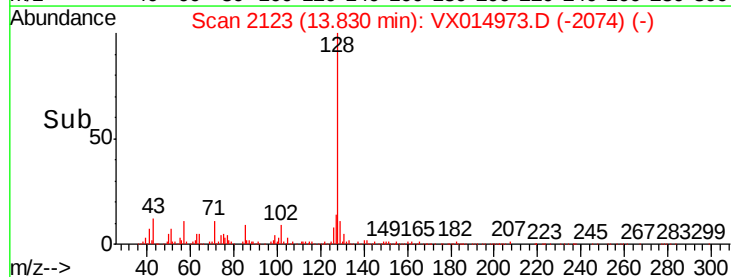
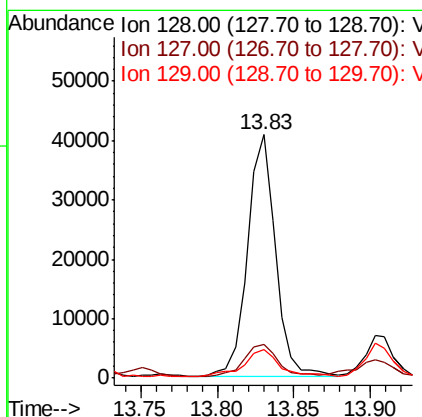
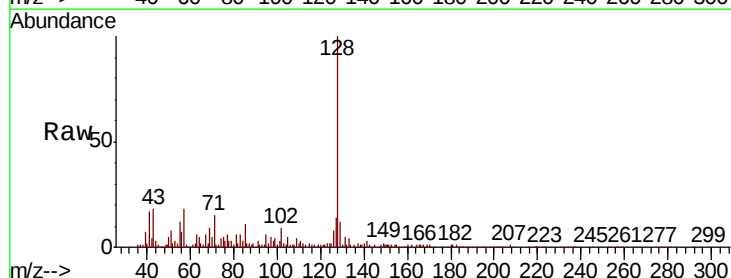
Instrument :
MSVOA_X
ClientSampleId :

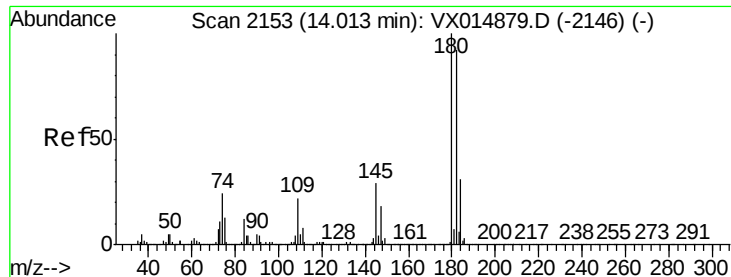
Tot Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.2
227	69.7	30.9	92.5



#95
Naphthalene
Concen: 2.349 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014973.D
Acq: 20 Feb 2020 12:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.4	15.6#
129	14.3	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.501 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX014973.D
 Acq: 20 Feb 2020 12:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 3986
 Ion Ratio Lower Upper
 180 100
 182 60.8 47.5 142.6
 145 278.3 14.5 43.5#

