

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015870.D
 Acq On : 23 Apr 2020 03:35
 Operator : JC/SP
 Sample : L2380-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW089-200421

Quant Time: Apr 23 05:03:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	918989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1414315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1452808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	792860	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	529382	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	5.47	113	432416	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	8.70	98	1786926	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
62) 4-Bromofluorobenzene	11.12	95	746673	55.38	ug/l	0.00
Spiked Amount			Recovery	=	110.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1766	0.219	ug/l #	65
5) Bromomethane	1.62	94	1272	0.407	ug/l #	2
11) Tert butyl alcohol	3.01	59	126635	59.298	ug/l #	73
13) Acrolein	2.25	56	3101	2.454	ug/l #	1
14) Allyl chloride	2.69	41	5739	0.336	ug/l #	28
15) Acrylonitrile	3.17	53	101318	20.440	ug/l #	30
16) Acetone	2.42	43	21802	4.790	ug/l	89
17) Carbon Disulfide	2.55	76	24334	0.832	ug/l #	95
18) Methyl Acetate	2.83	43	273322	18.192	ug/l #	53
19) Methyl tert-butyl Ether	3.17	73	8986826	316.259	ug/l #	90
20) Methylene Chloride	2.76	84	3191	0.345	ug/l #	5
23) Vinyl Acetate	3.80	43	8441	0.331	ug/l #	76
25) 2-Butanone	4.65	43	7431	1.033	ug/l #	84
29) Tetrahydrofuran	5.10	42	38483	8.088	ug/l	98
30) Chloroform	5.25	83	48941	3.027	ug/l #	46
31) Cyclohexane	5.56	56	769193	50.370	ug/l	98
36) 1,1-Dichloropropene	5.64	75	59525	4.748	ug/l #	52
38) Carbon Tetrachloride	5.63	117	83045	6.724	ug/l #	16
39) Methylcyclohexane	7.44	83	579103	36.472	ug/l #	81
40) Benzene	6.12	78	8453392	223.853	ug/l	98
41) Methacrylonitrile	5.04	41	5909	0.713	ug/l #	48
42) 1,2-Dichloroethane	6.12	62	107411	7.899	ug/l #	73
43) Isopropyl Acetate	6.41	43	92082	3.658	ug/l #	48
46) Dibromomethane	7.62	93	3150	0.436	ug/l #	1
47) Bromodichloromethane	7.93	83	16490	1.283	ug/l #	28
48) Methyl methacrylate	7.72	41	69387	5.604	ug/l #	53
49) 1,4-Dioxane	7.70	88	419	1.791	ug/l #	21
51) 4-Methyl-2-Pentanone	8.62	43	20636	1.420	ug/l	98
52) Toluene	8.77	92	27186	1.123	ug/l	99
55) 1,1,2-Trichloroethane	9.25	97	8734	0.924	ug/l #	19
56) Ethyl methacrylate	9.15	69	57758	3.608	ug/l #	1
59) 2-Hexanone	9.49	43	57244	5.172	ug/l	82
67) Ethyl Benzene	10.35	91	2078597	40.743	ug/l #	65
68) m/p-Xylenes	10.35	106	1039081	54.262	ug/l	99

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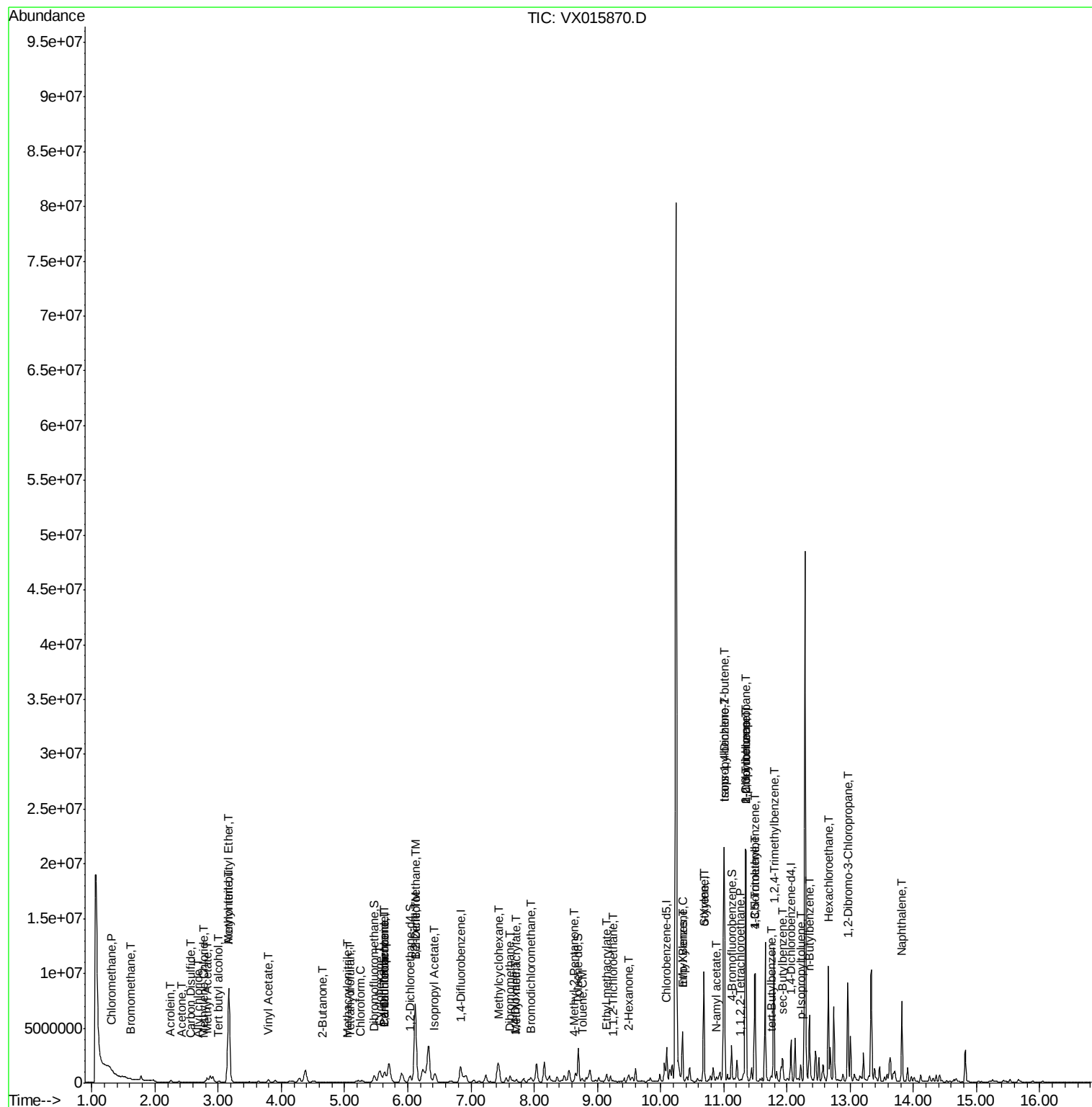
69) o-Xylene	10.68	106	2053725	108.986	ug/l	99
70) Styrene	10.68	104	109201	3.347	ug/l #	1
73) Isopropylbenzene	11.01	105	11214105	222.703	ug/l	95
74) N-amyl acetate	10.89	43	43503	1.673	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	11.25	83	3917	0.368	ug/l #	29
76) 1,2,3-Trichloropropane	11.34	75	87855	5.827	ug/l #	1
78) n-propylbenzene	11.34	91	12151087	210.651	ug/l	91
79) 2-Chlorotoluene	11.34	91	12151087	350.686	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	4190877	97.606	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.00	75	140473	22.413	ug/l #	55
82) 4-Chlorotoluene	11.50	91	446207	10.837	ug/l #	45
83) tert-Butylbenzene	11.76	119	139914	3.674	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	5118387	114.824	ug/l	98
85) sec-Butylbenzene	11.93	105	867908	17.287	ug/l	93
86) p-Isopropyltoluene	12.22	119	699311	14.896	ug/l	97
89) n-Butylbenzene	12.35	91	738127	17.585	ug/l #	15
90) Hexachloroethane	12.65	117	387687	78.171	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	28101	8.892	ug/l #	1
95) Naphthalene	13.82	128	4295069	79.099	ug/l	98

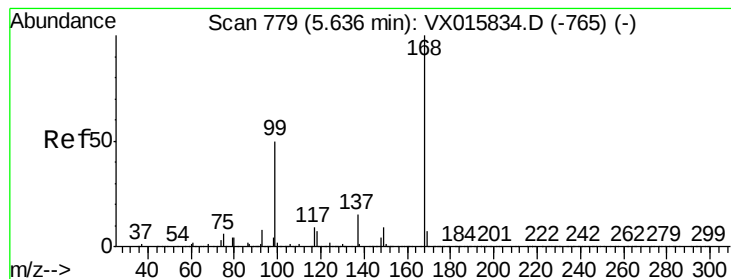
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

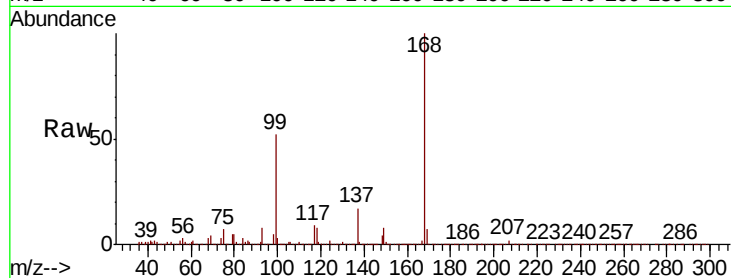
KY001IW089-200421

Tot Ion:168 Resp: 918989

Ion Ratio Lower Upper

168 100

99 51.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

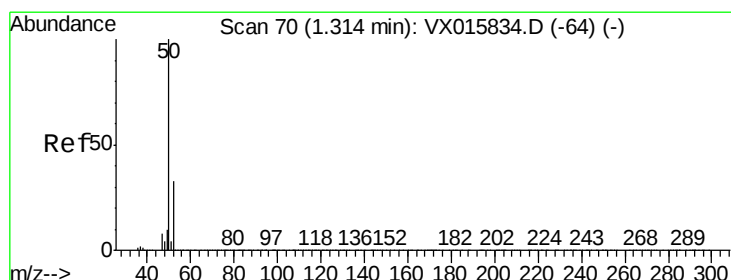
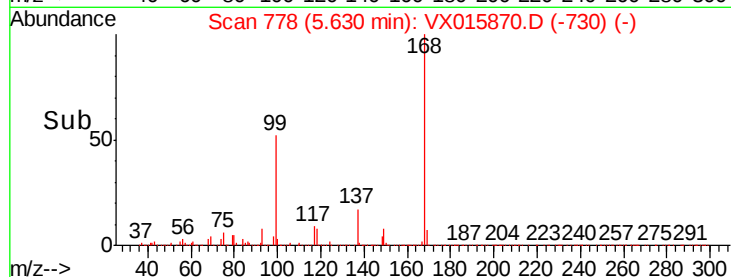
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.219 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015870.D

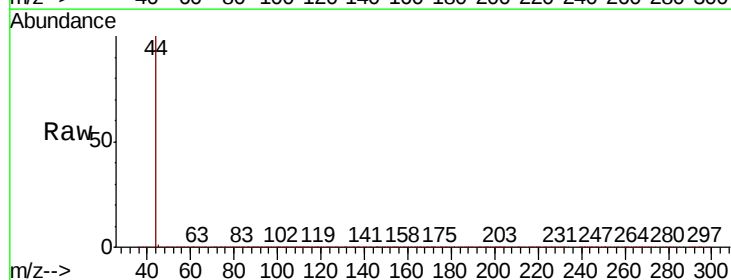
Acq: 23 Apr 2020 03:35

Tgt Ion: 50 Resp: 1766

Ion Ratio Lower Upper

50 100

52 13.2 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2500

2000

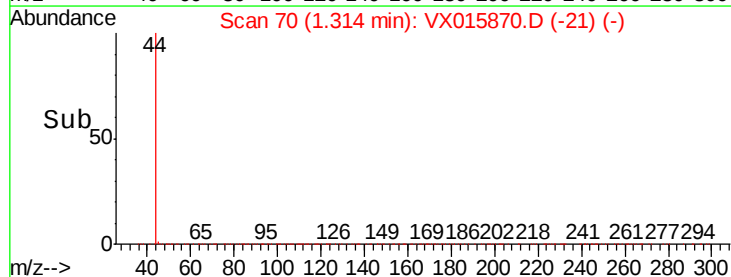
1500

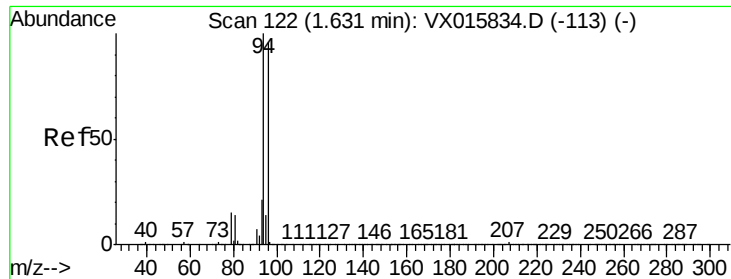
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.407 ug/l

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

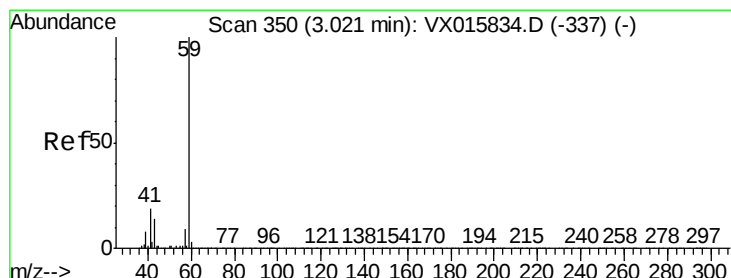
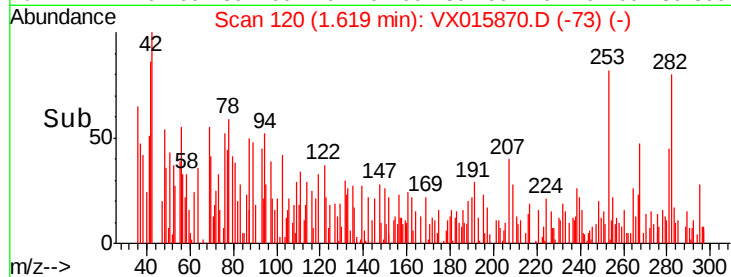
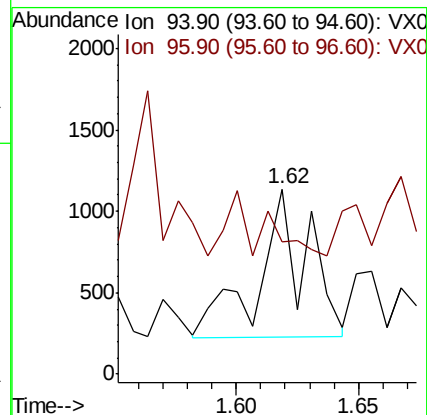
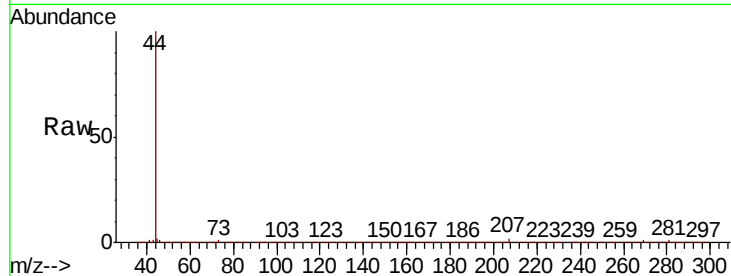
KY001IW089-200421

Tot Ion: 94 Resp: 1272

Ion Ratio Lower Upper

94 100

96 0.0 76.7 115.1#



#11

Tert butyl alcohol

Concen: 59.298 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015870.D

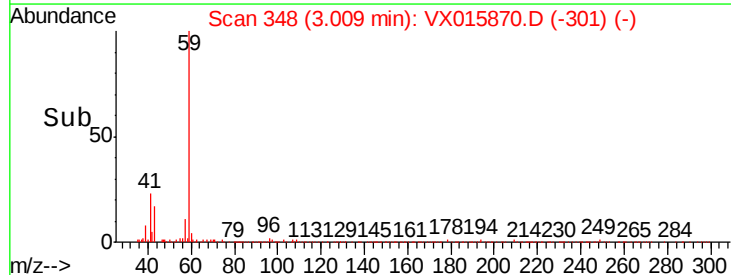
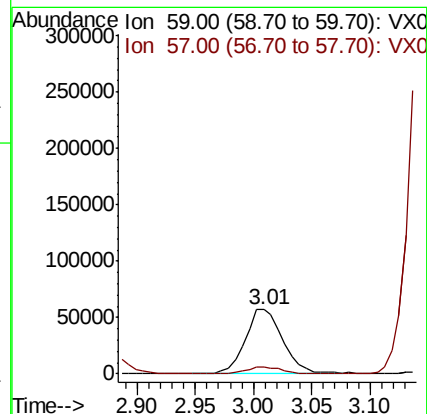
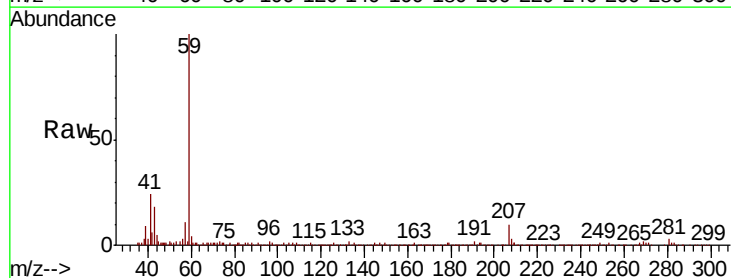
Acq: 23 Apr 2020 03:35

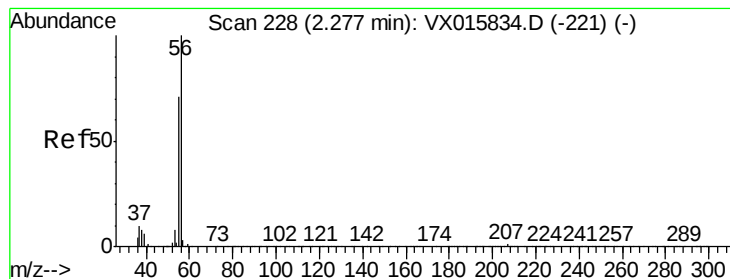
Tgt Ion: 59 Resp: 126635

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 2.454 ug/l

RT: 2.25 min Scan# 224

Delta R.T. -0.02 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

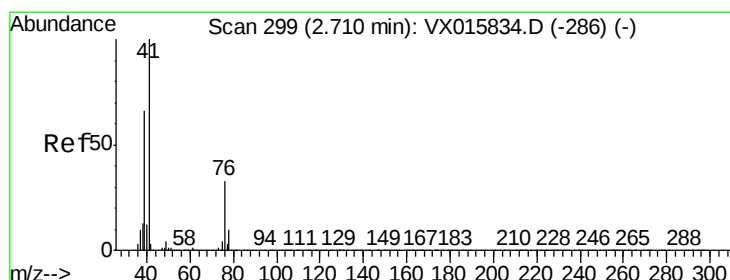
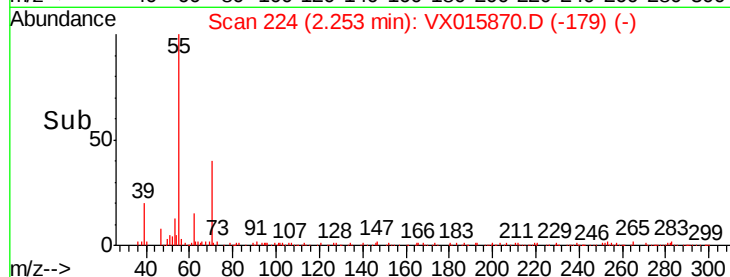
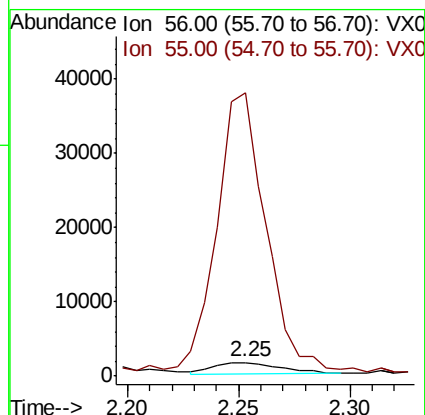
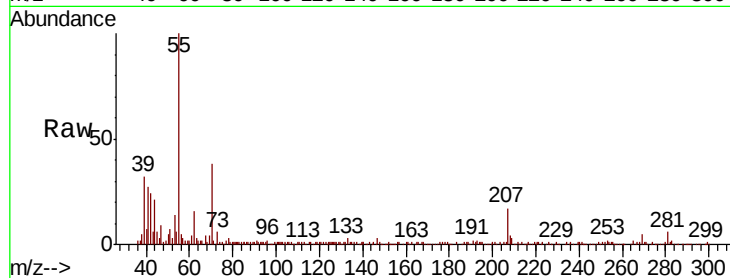
KY001IW089-200421

Tot Ion: 56 Resp: 3101

Ion Ratio Lower Upper

56 100

55 1873.0 56.1 84.1#



#14

Allyl chloride

Concen: 0.336 ug/l

RT: 2.69 min Scan# 296

Delta R.T. -0.02 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

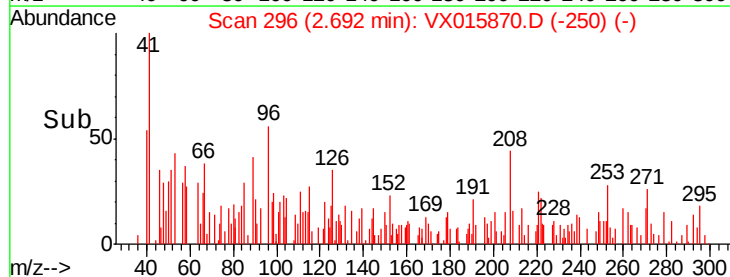
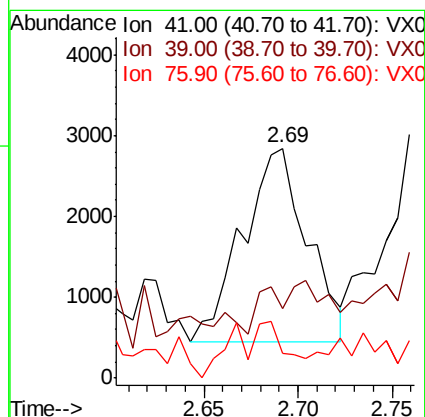
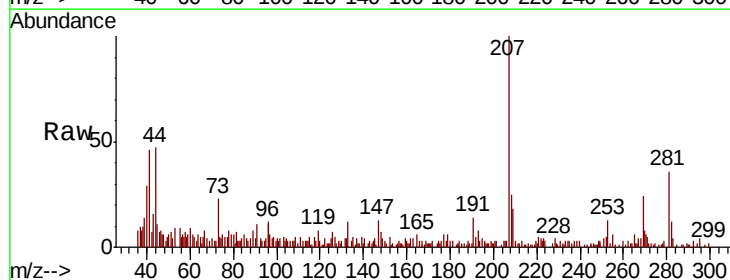
Tgt Ion: 41 Resp: 5739

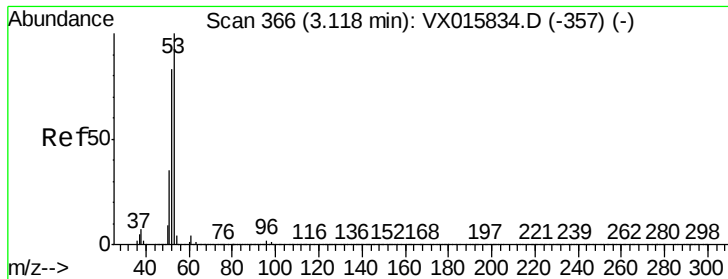
Ion Ratio Lower Upper

41 100

39 0.0 48.4 72.6#

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 20.440 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.05 min

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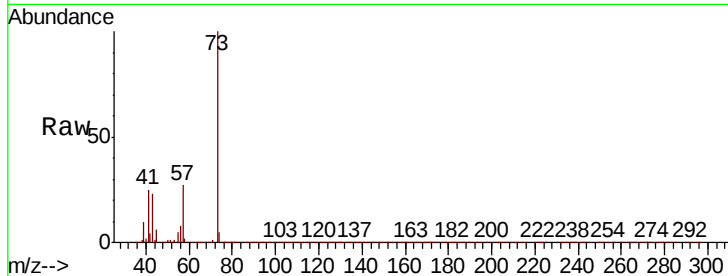
Tot Ion: 53 Resp: 101318

Ion Ratio Lower Upper

53 100

52 20.5 66.2 99.4#

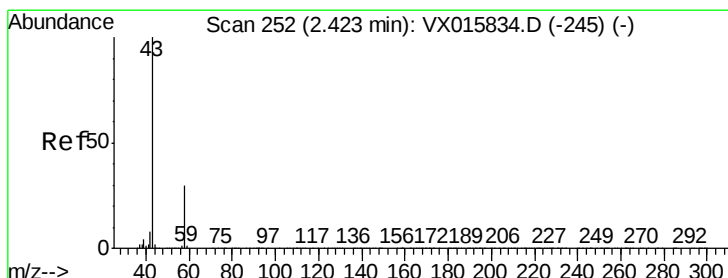
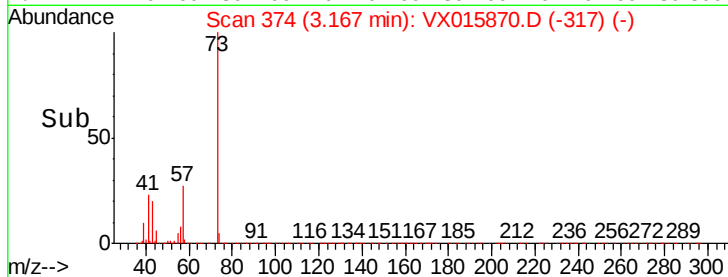
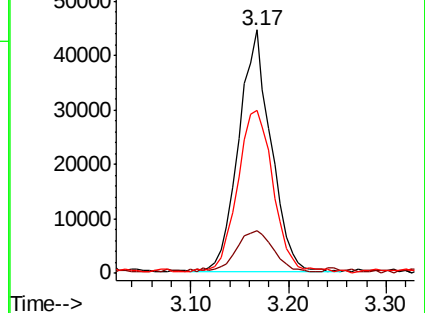
51 76.9 28.6 43.0#



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: 4.790 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

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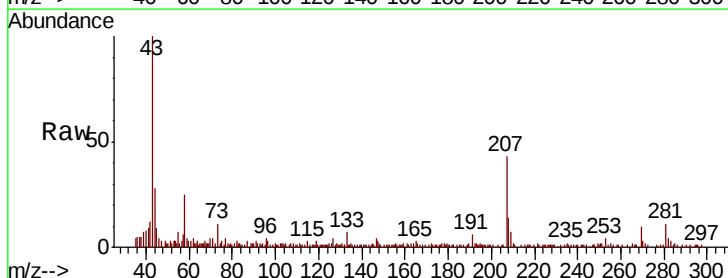
Acq: 23 Apr 2020 03:35

Tgt Ion: 43 Resp: 21802

Ion Ratio Lower Upper

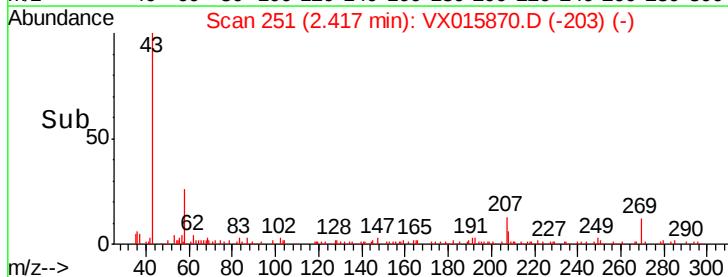
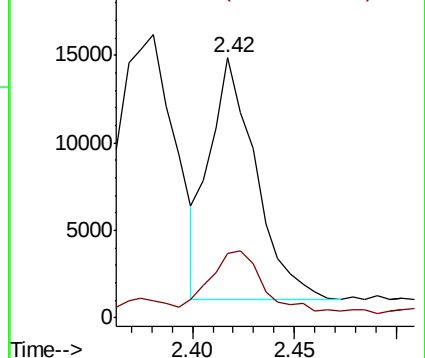
43 100

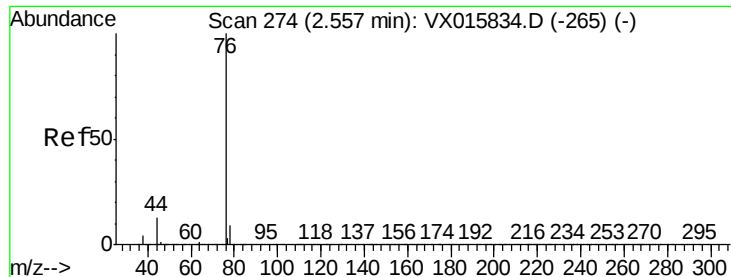
58 24.1 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.832 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

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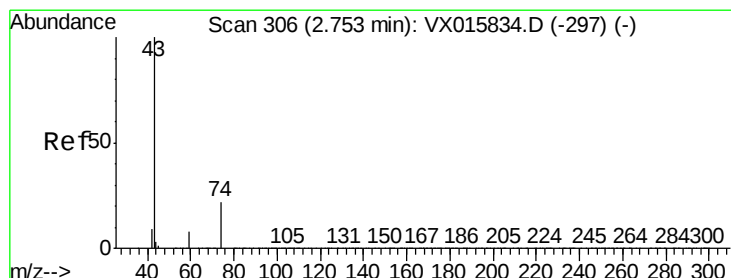
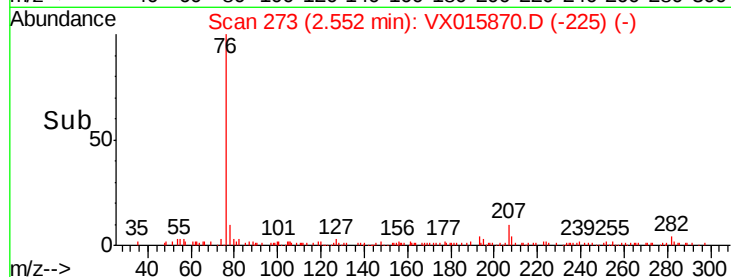
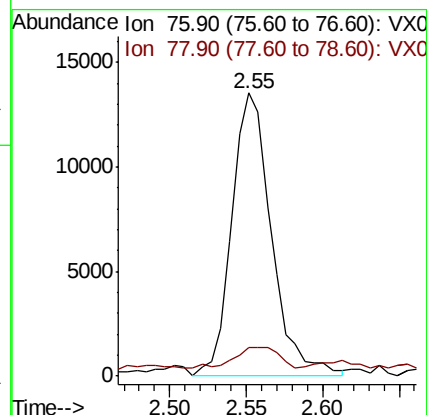
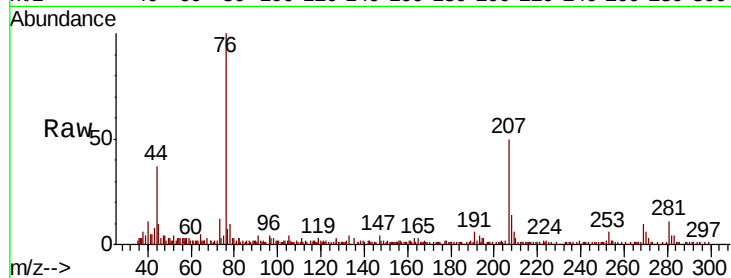
KY001IW089-200421

Tot Ion: 76 Resp: 24334

Ion Ratio Lower Upper

76 100

78 7.4 7.4 11.2#



#18

Methyl Acetate

Concen: 18.192 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX015870.D

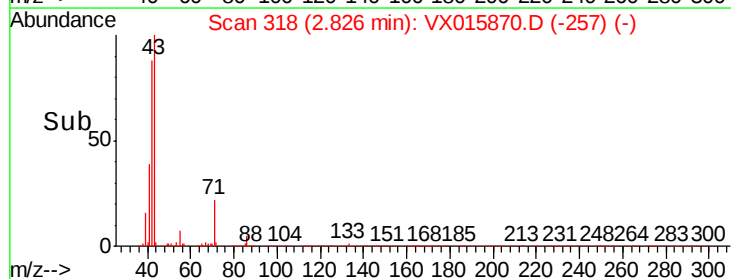
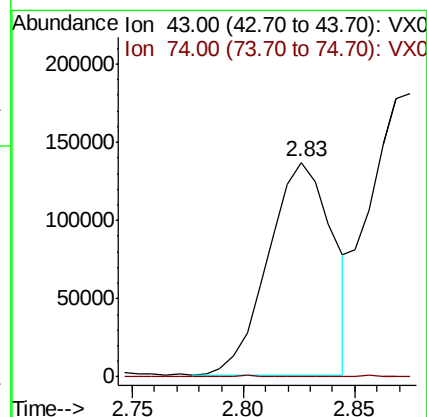
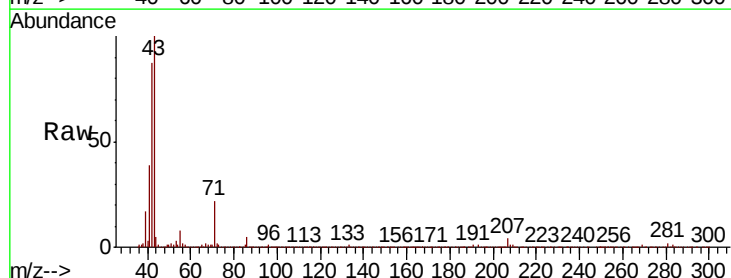
Acq: 23 Apr 2020 03:35

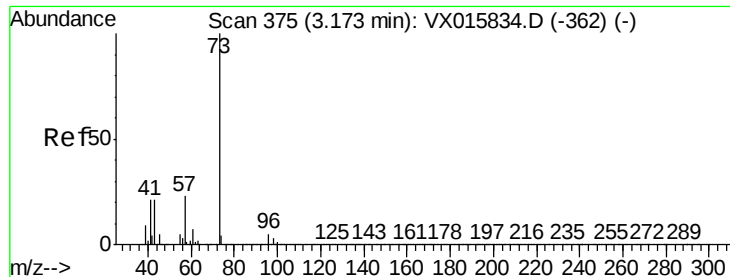
Tgt Ion: 43 Resp: 273322

Ion Ratio Lower Upper

43 100

74 0.0 17.9 26.9#



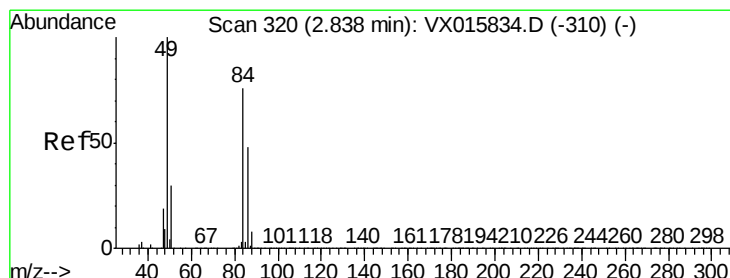
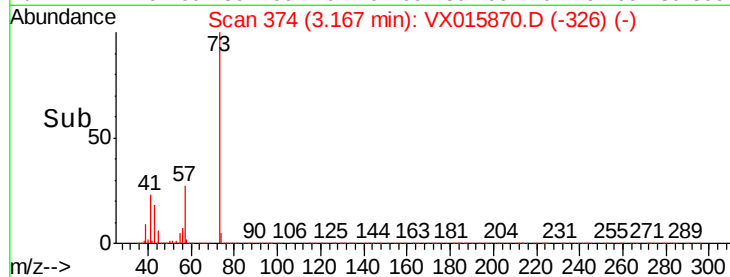
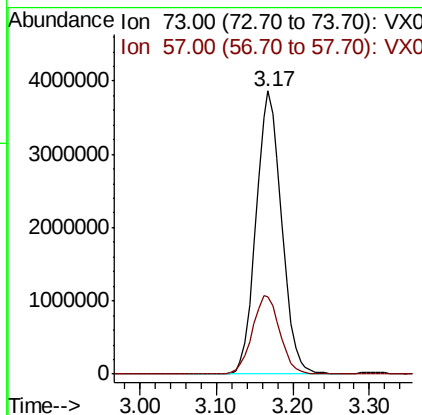
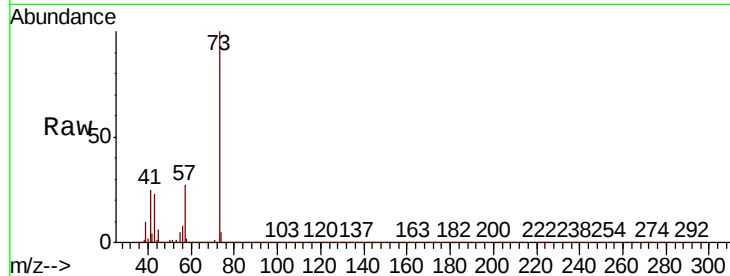


#19

Methyl tert-butyl Ether
 Concen: 316.259 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
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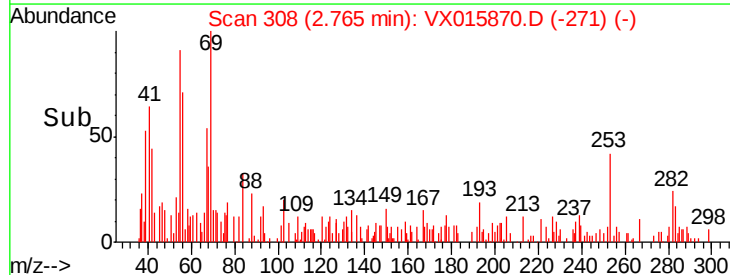
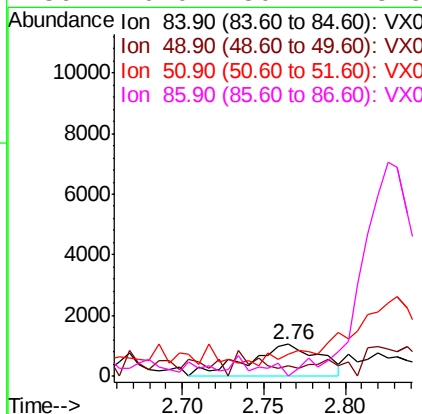
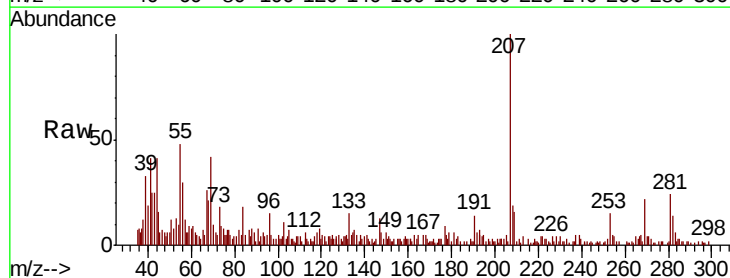
Tot Ion: 73 Resp: 8986826
 Ion Ratio Lower Upper
 73 100
 57 27.5 18.1 27.1#

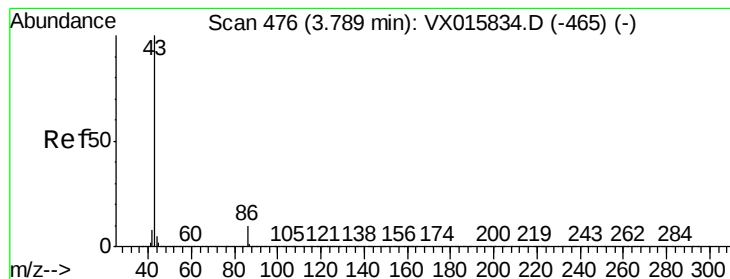


#20

Methylene Chloride
 Concen: 0.345 ug/l
 RT: 2.76 min Scan# 308
 Delta R.T. -0.07 min
 Lab File: VX015870.D
 Acq: 23 Apr 2020 03:35

Tgt Ion: 84 Resp: 3191
 Ion Ratio Lower Upper
 84 100
 49 0.4 104.9 157.3#
 51 0.0 32.0 48.0#
 86 0.0 50.4 75.6#





#23

Vinyl Acetate

Concen: 0.331 ug/l

RT: 3.80 min Scan# 477

Delta R.T. 0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

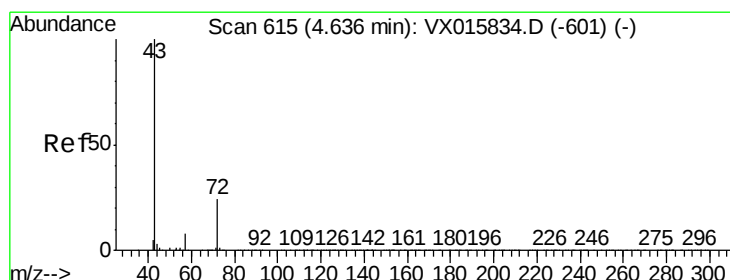
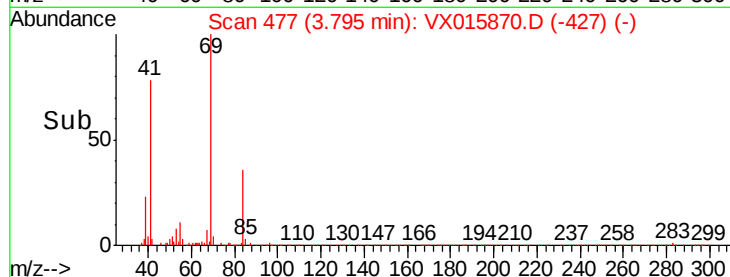
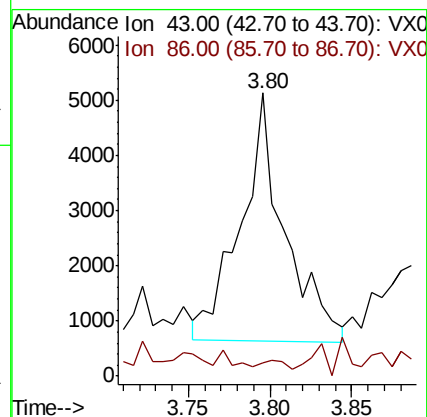
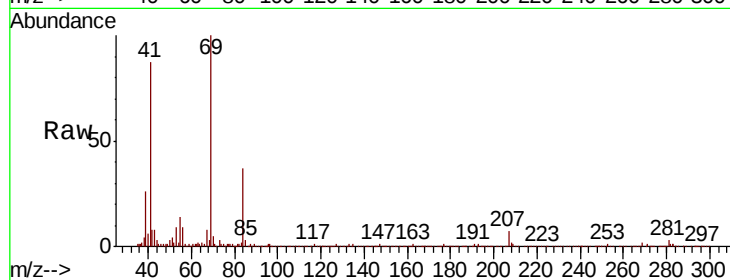
KY001IW089-200421

Tot Ion: 43 Resp: 8441

Ion Ratio Lower Upper

43 100

86 1.0 8.0 12.0#



#25

2-Butanone

Concen: 1.033 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015870.D

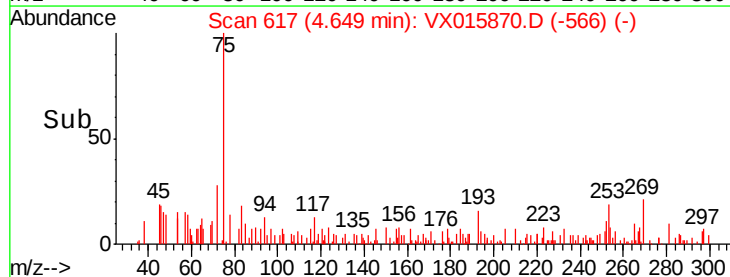
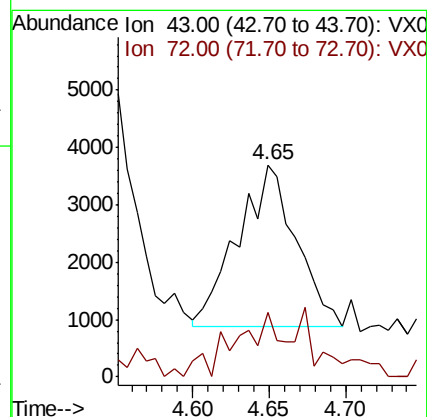
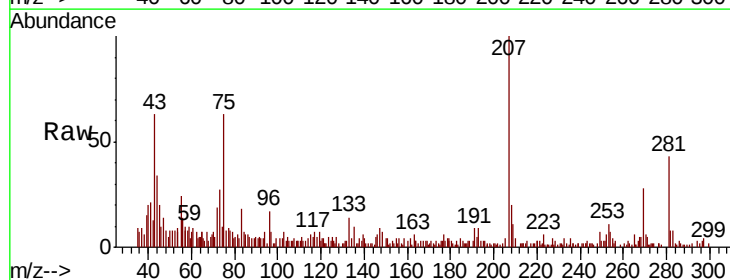
Acq: 23 Apr 2020 03:35

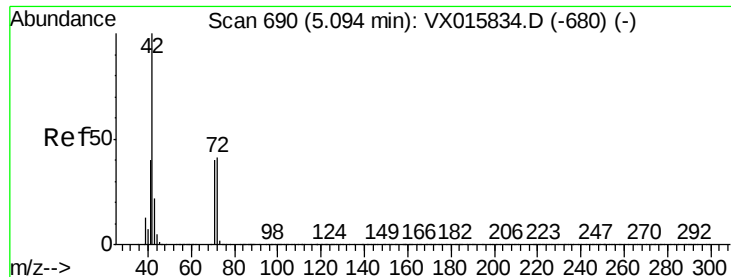
Tgt Ion: 43 Resp: 7431

Ion Ratio Lower Upper

43 100

72 32.3 19.4 29.2#





#29

Tetrahydrofuran

Concen: 8.088 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

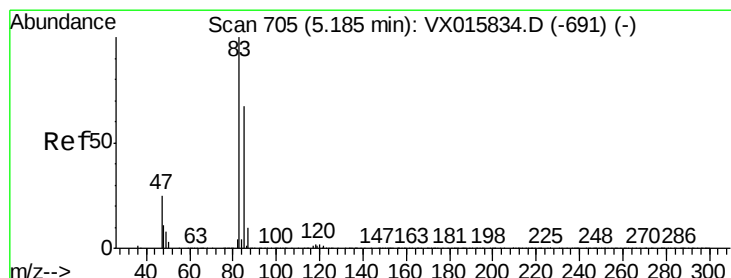
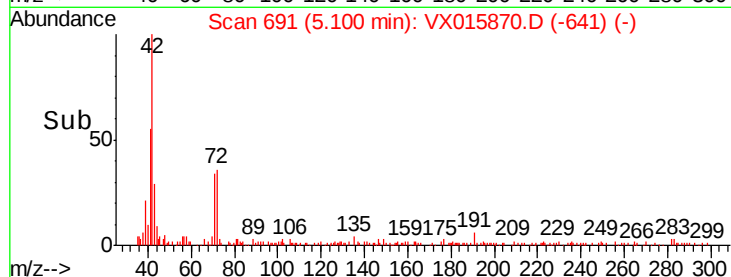
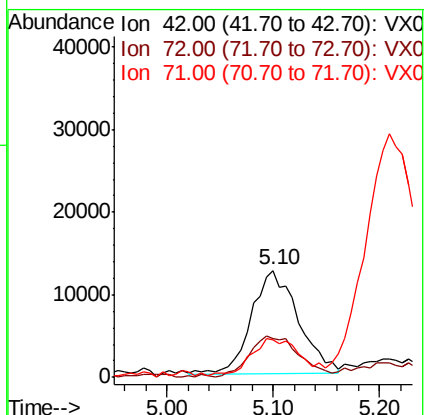
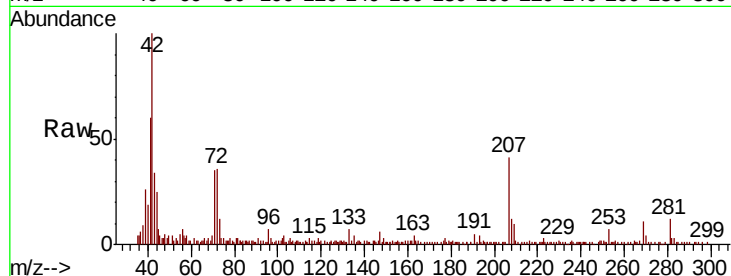
Tot Ion: 42 Resp: 38483

Ion Ratio Lower Upper

42 100

72 42.7 33.0 49.6

71 38.7 30.6 45.8



#30

Chloroform

Concen: 3.027 ug/l

RT: 5.25 min Scan# 715

Delta R.T. 0.06 min

Lab File: VX015870.D

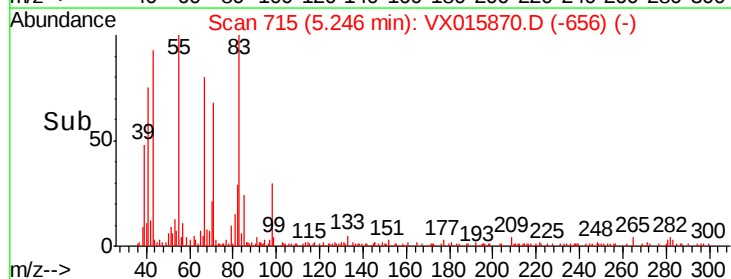
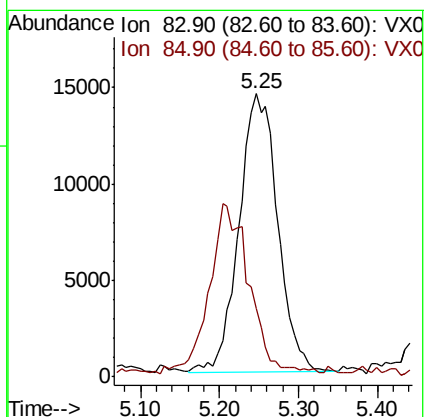
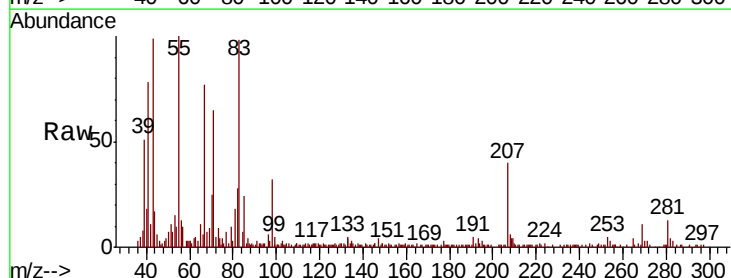
Acq: 23 Apr 2020 03:35

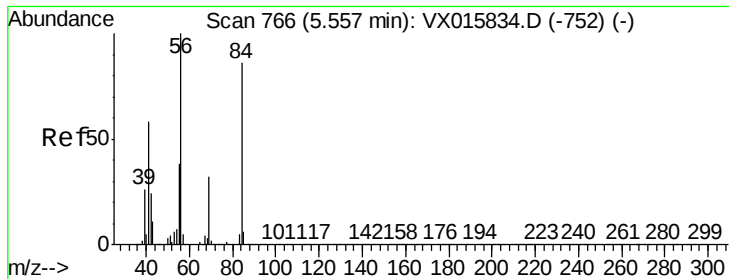
Tgt Ion: 83 Resp: 48941

Ion Ratio Lower Upper

83 100

85 23.4 53.4 80.0#

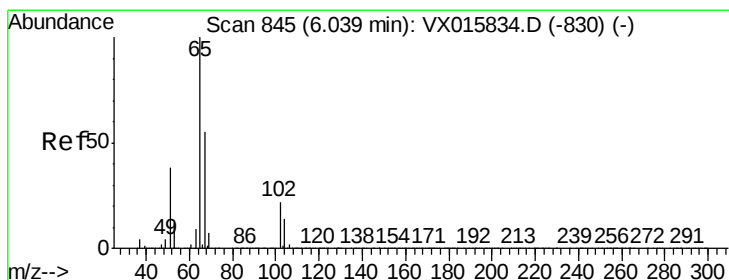
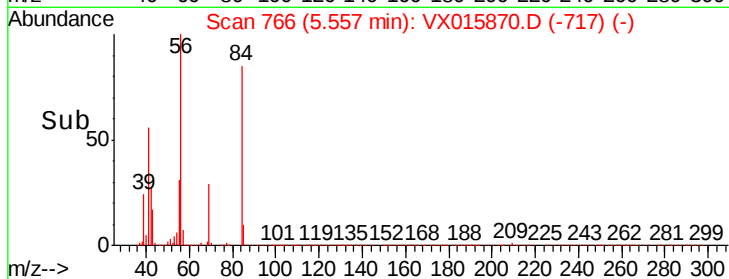
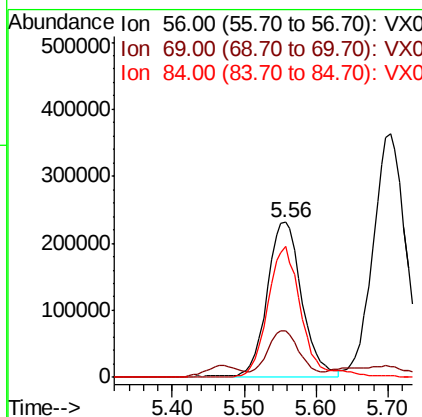
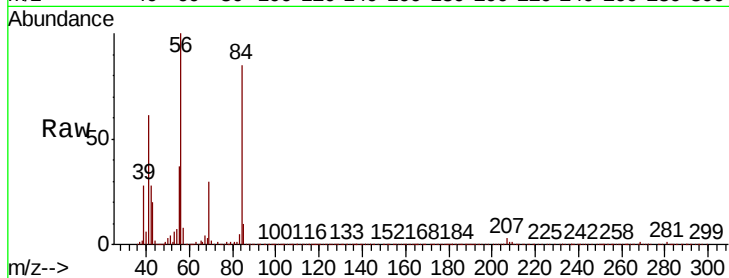




#31
Cyclohexane
Concen: 50.370 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

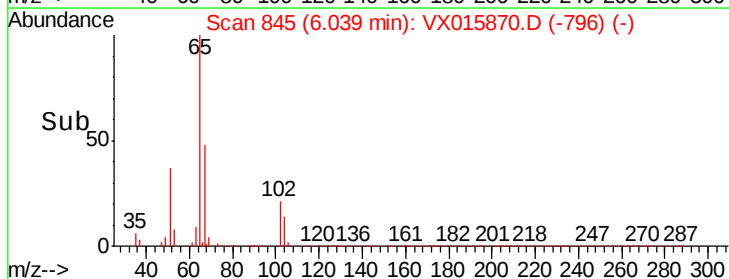
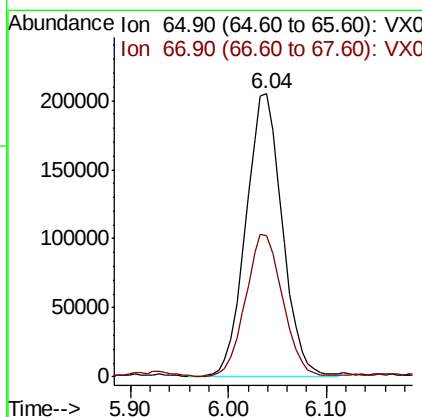
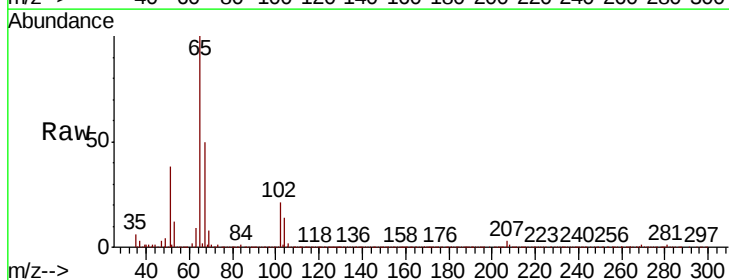
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

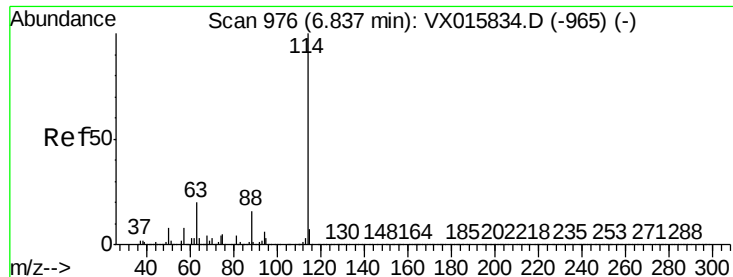
Tot Ion: 56 Resp: 769193
Ion Ratio Lower Upper
56 100
69 29.0 25.3 37.9
84 84.9 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 50.648 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion: 65 Resp: 529382
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.2

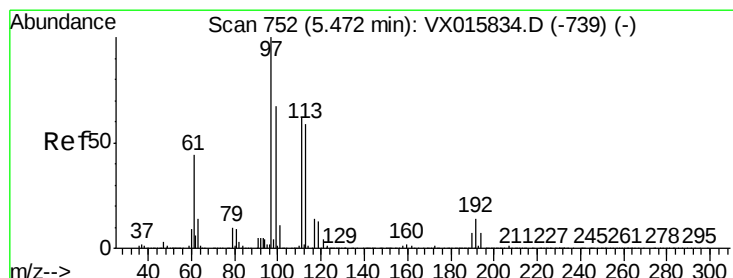
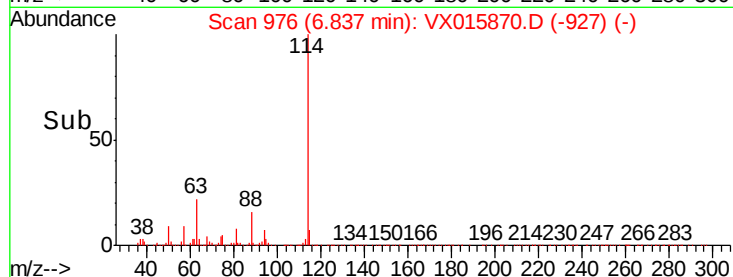
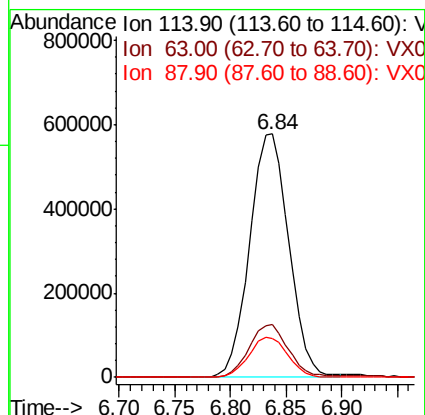
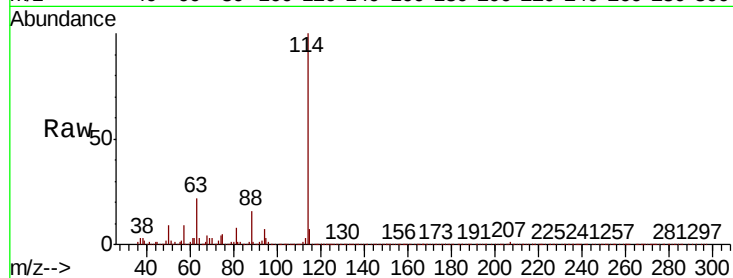




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

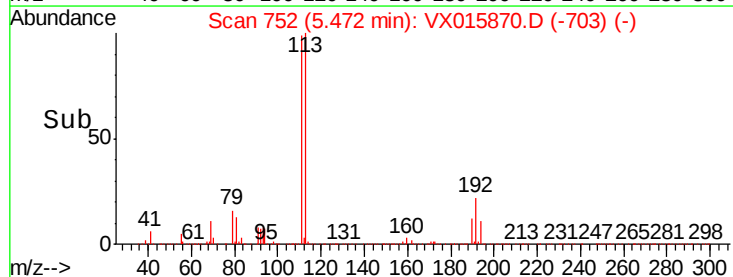
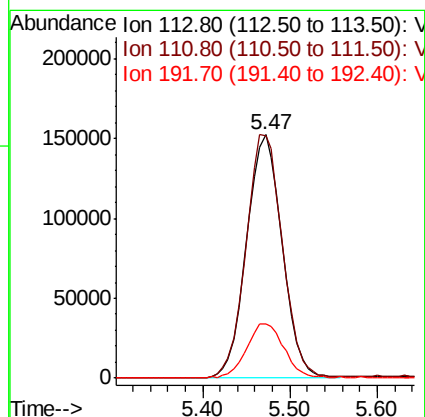
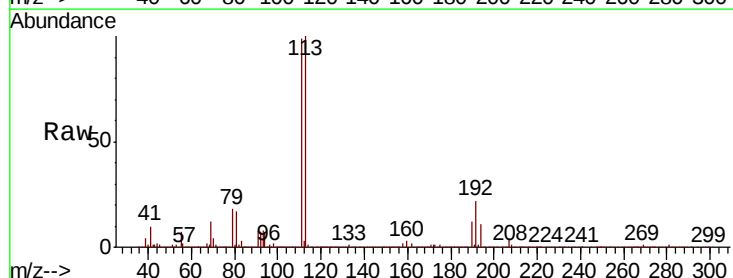
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

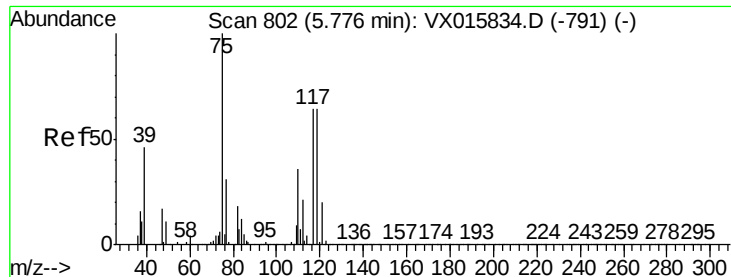
Tot Ion:114 Resp: 1414315
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.6
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.968 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion:113 Resp: 432416
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 23.3 19.3 28.9





#36

1,1-Dichloropropene

Concen: 4.748 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.14 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

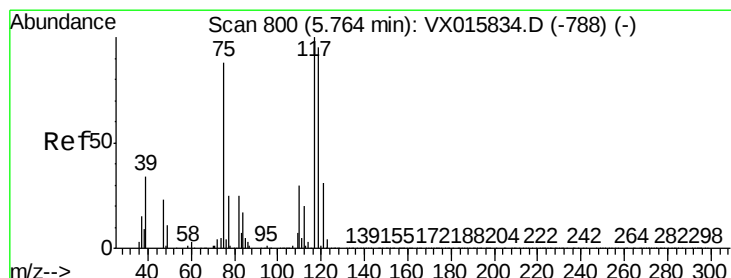
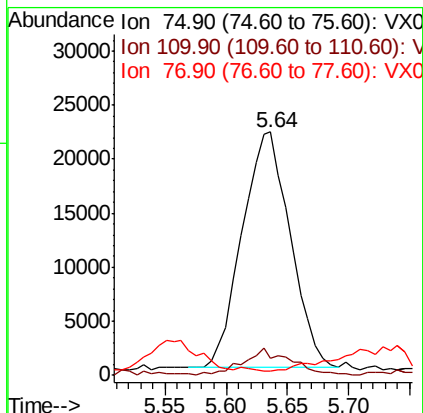
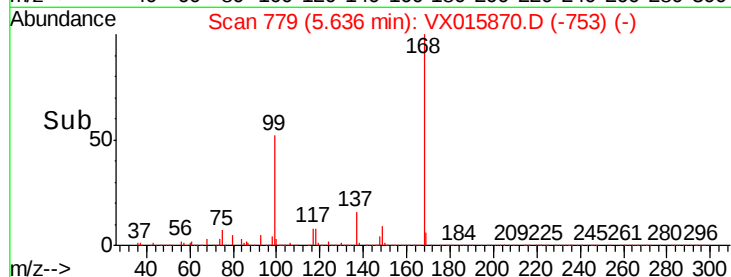
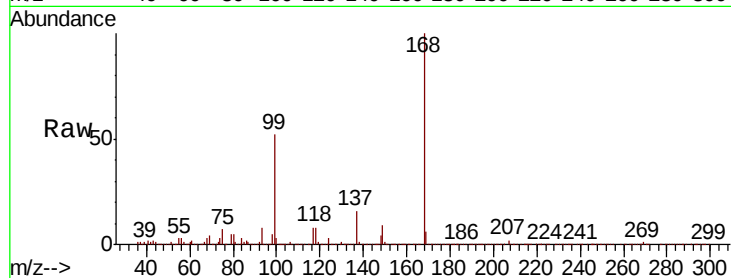
Tot Ion: 75 Resp: 59525

Ion Ratio Lower Upper

75 100

110 11.5 17.9 53.8#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.724 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

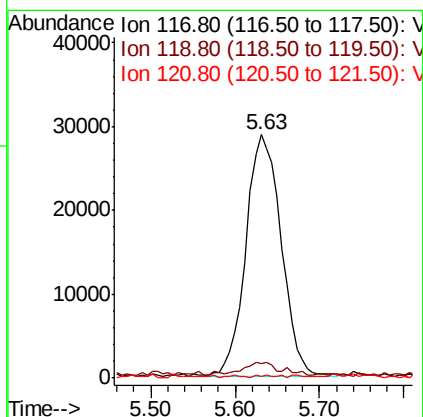
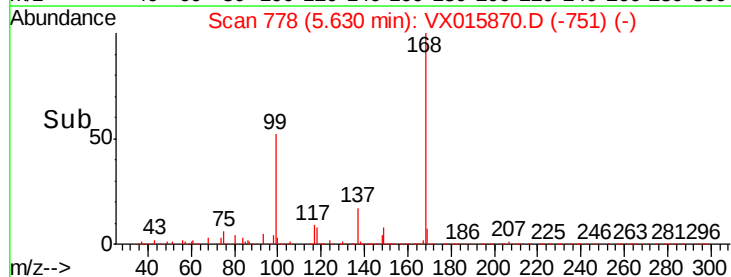
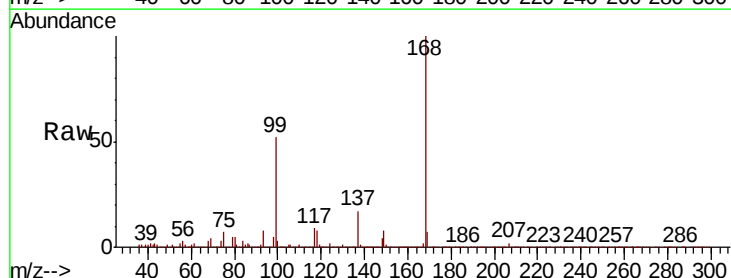
Tgt Ion: 117 Resp: 83045

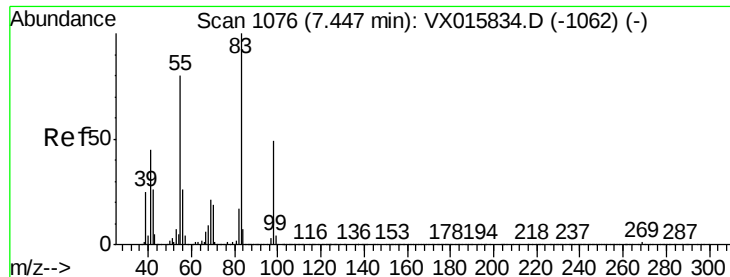
Ion Ratio Lower Upper

117 100

119 4.2 75.7 113.5#

121 0.0 25.0 37.6#

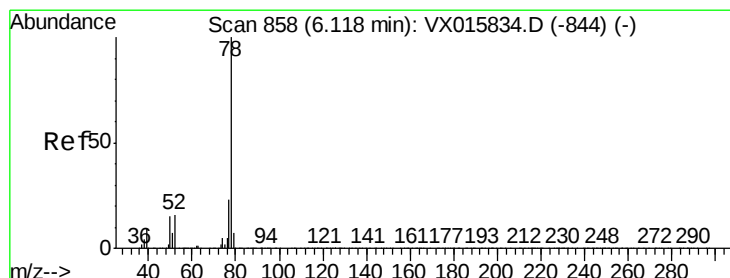
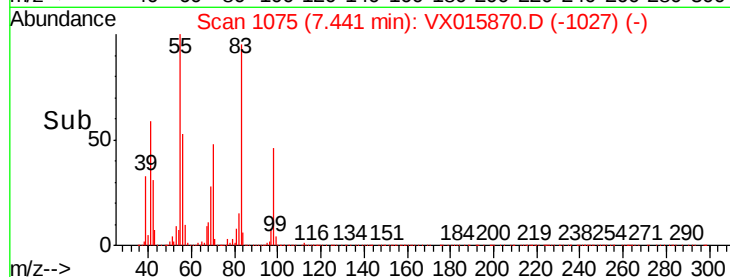
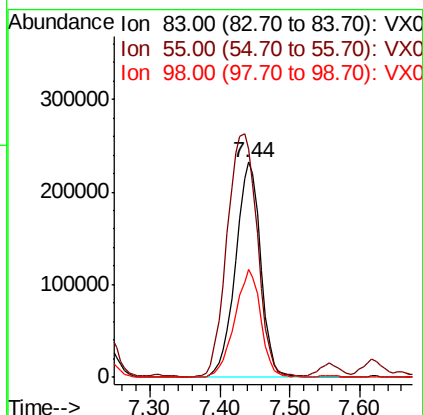
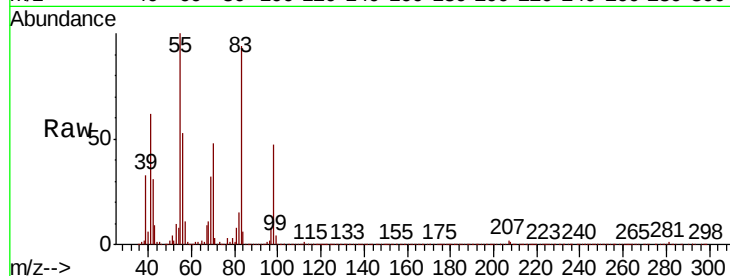




#39
Methvlcvclohexane
Concen: 36.472 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

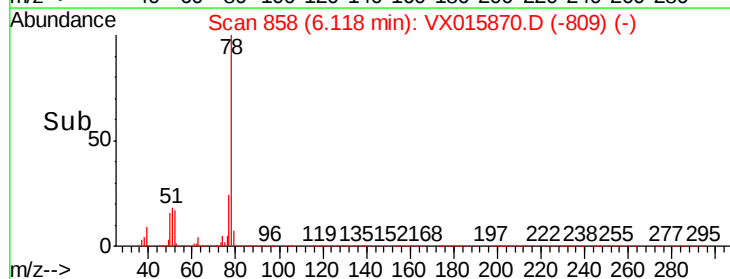
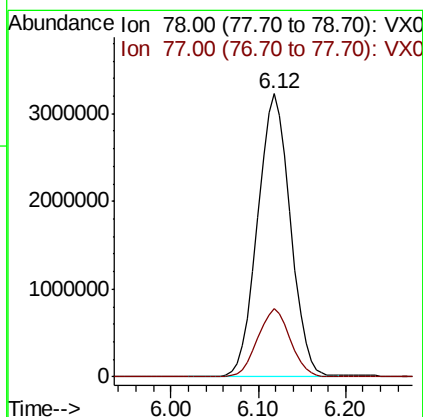
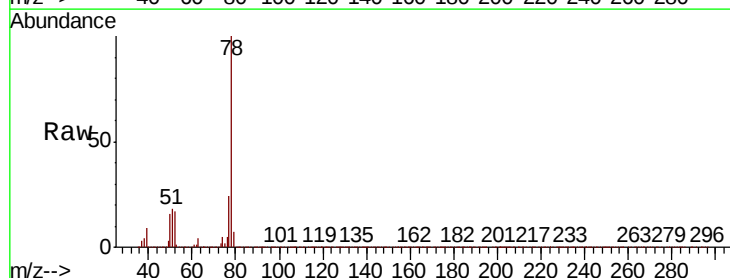
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

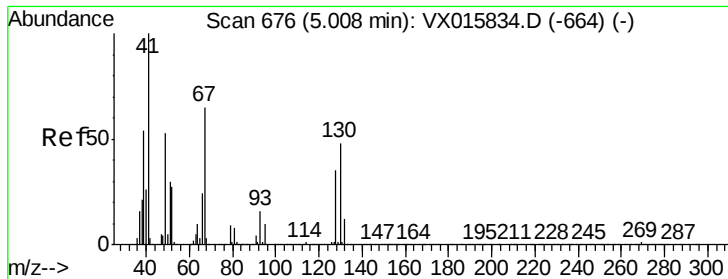
Tot Ion	Ratio	Lower	Upper
83	100		
55	106.0	64.2	96.4#
98	50.3	39.3	58.9



#40
Benzene
Concen: 223.853 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8

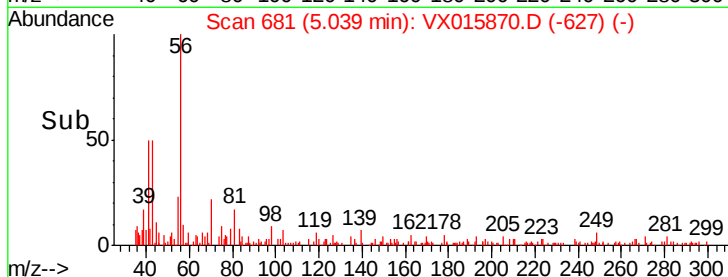
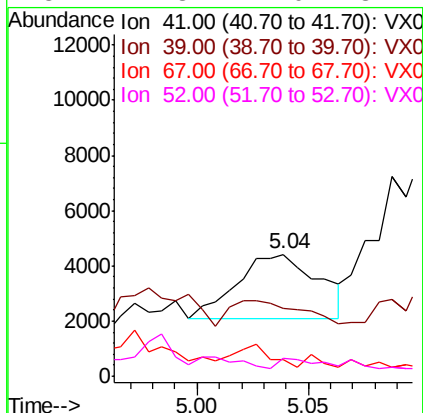
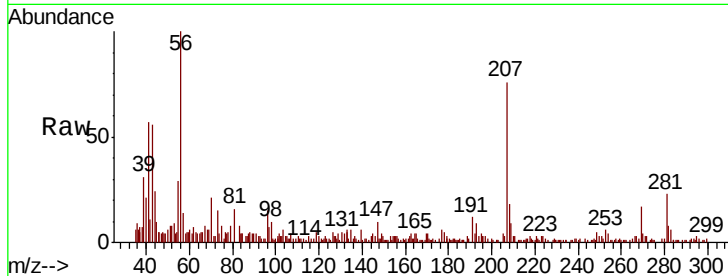




#41
Methacrylonitrile
Concen: 0.713 ug/l
RT: 5.04 min Scan# 681
Delta R.T. 0.03 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

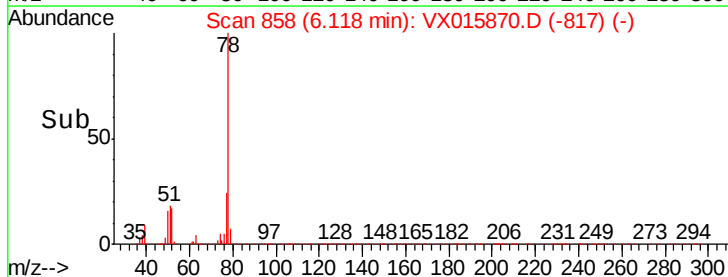
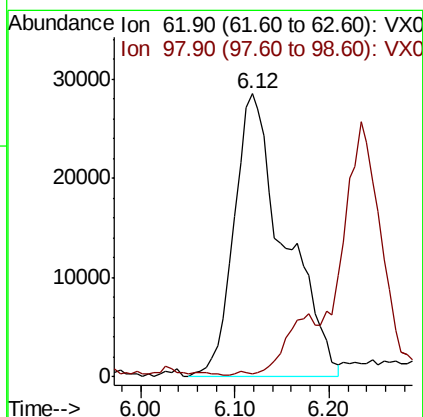
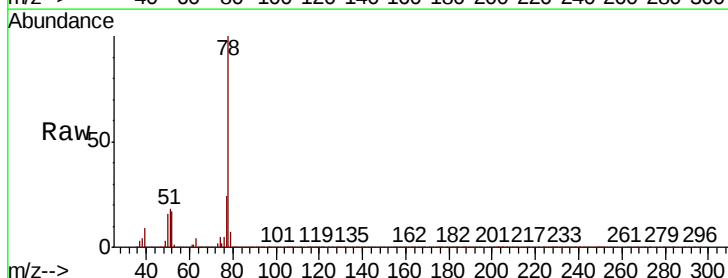
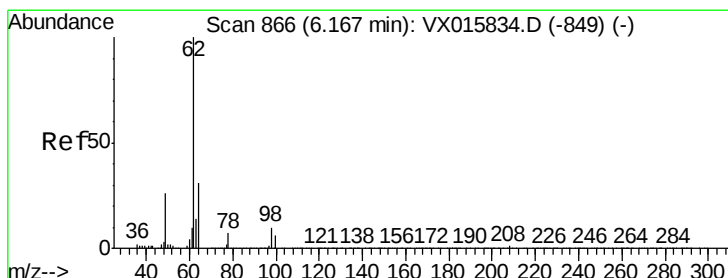
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

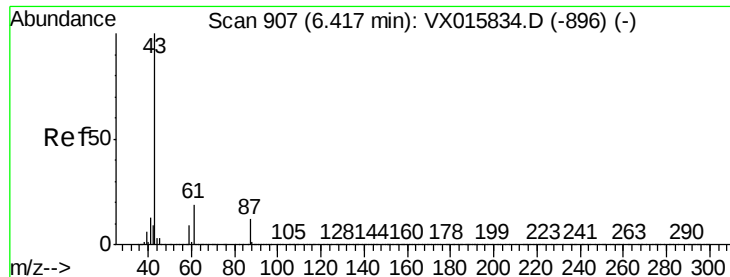
Tot Ion:	41	Resp:	5909
Ion	Ratio	Lower	Upper
41	100		
39	68.3	42.4	63.6#
67	0.0	51.9	77.9#
52	7.3	21.0	31.4#



#42
1,2-Dichloroethane
Concen: 7.899 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.05 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion:	62	Resp:	107411
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.0





#43

Isopropyl Acetate

Concen: 3.658 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

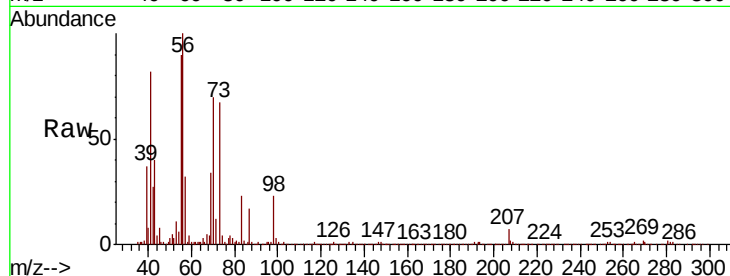
Tot Ion: 43 Resp: 92082

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

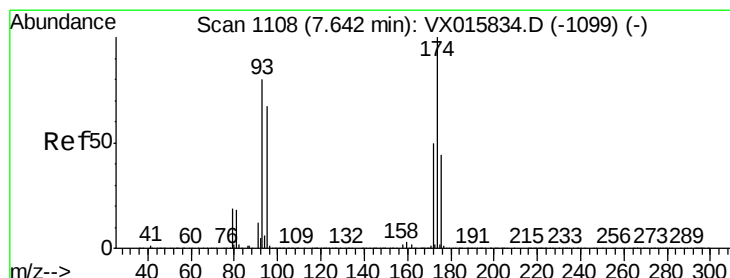
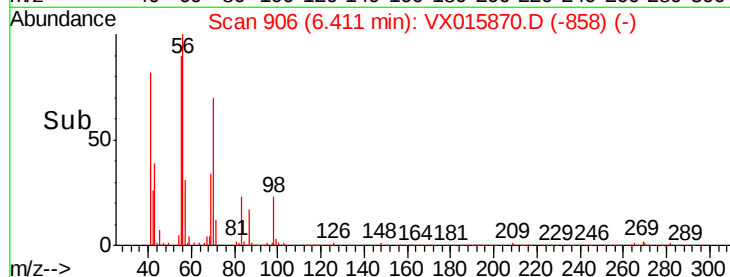
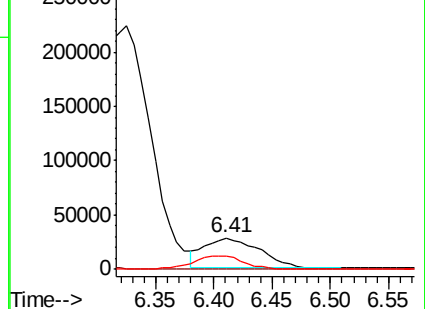
87 38.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#46

Dibromomethane

Concen: 0.436 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

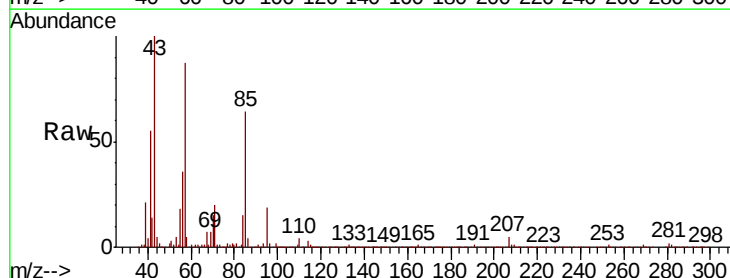
Tgt Ion: 93 Resp: 3150

Ion Ratio Lower Upper

93 100

95 1557.1 65.8 98.8#

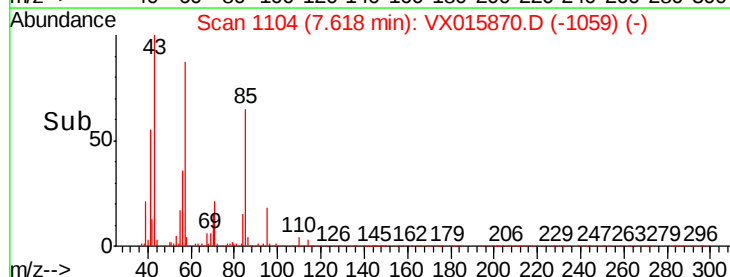
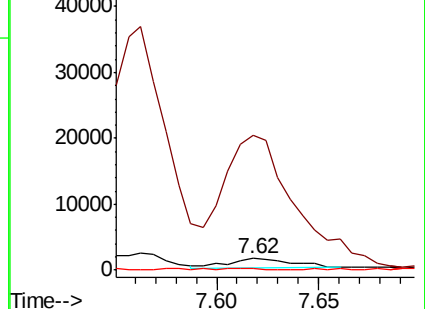
174 7.5 95.6 143.4#

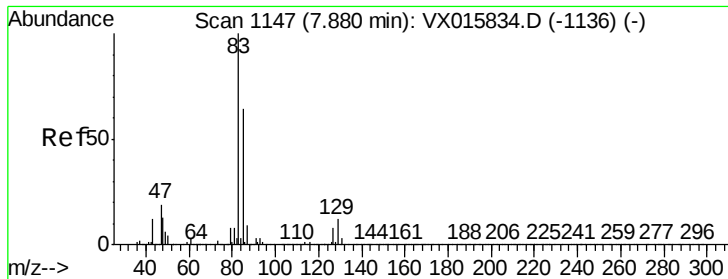


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.283 ug/l

RT: 7.93 min Scan# 1156

Delta R.T. 0.06 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

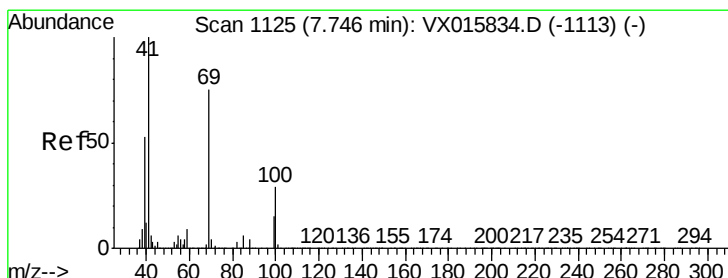
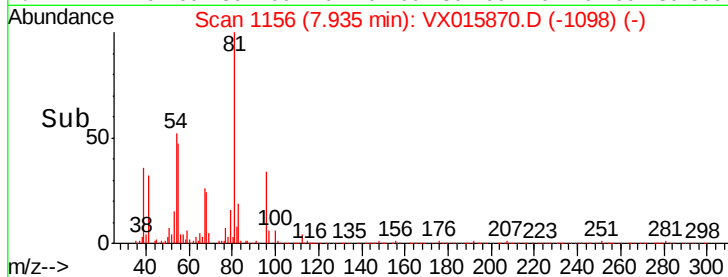
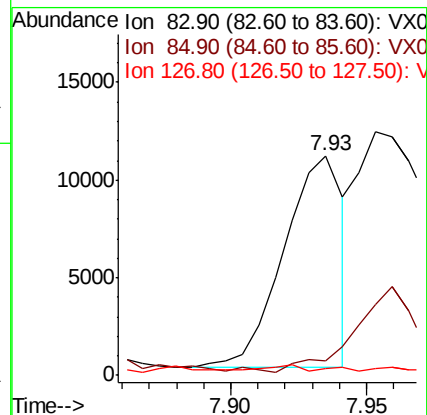
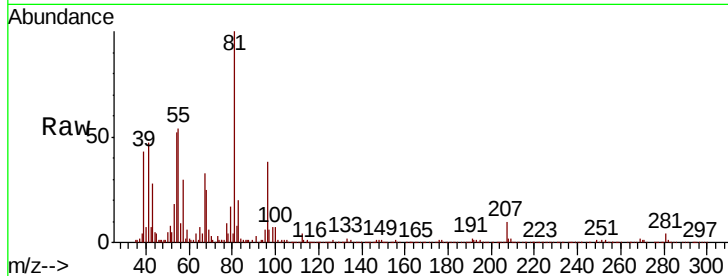
Tot Ion: 83 Resp: 16490

Ion Ratio Lower Upper

83 100

85 2.5 50.8 76.2#

127 0.6 6.6 10.0#



#48

Methyl methacrylate

Concen: 5.604 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

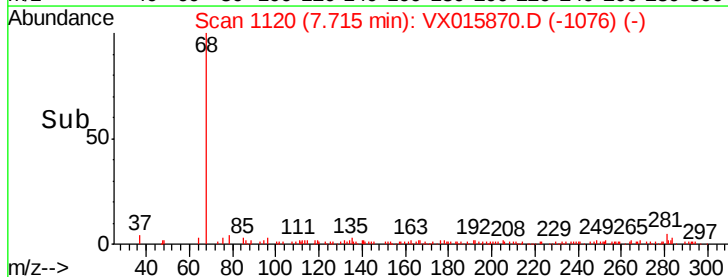
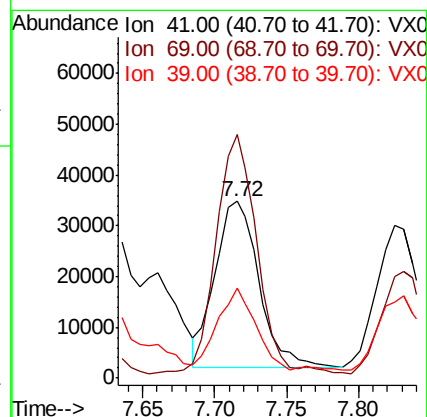
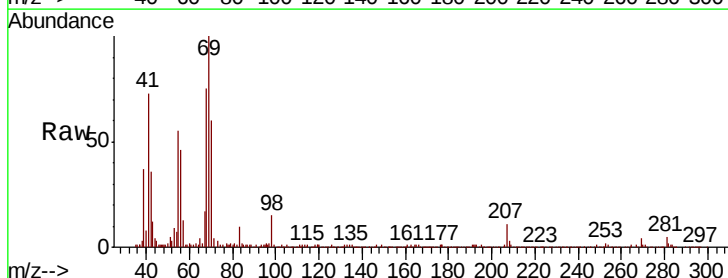
Tgt Ion: 41 Resp: 69387

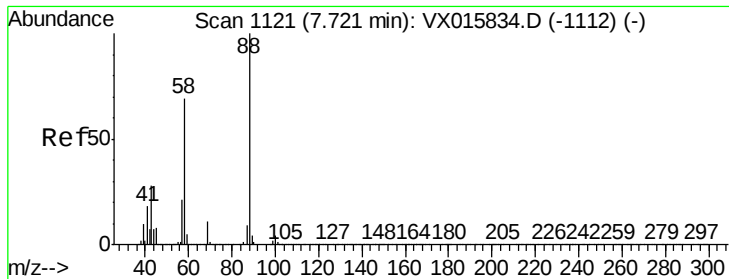
Ion Ratio Lower Upper

41 100

69 135.7 60.5 90.7#

39 43.1 42.1 63.1

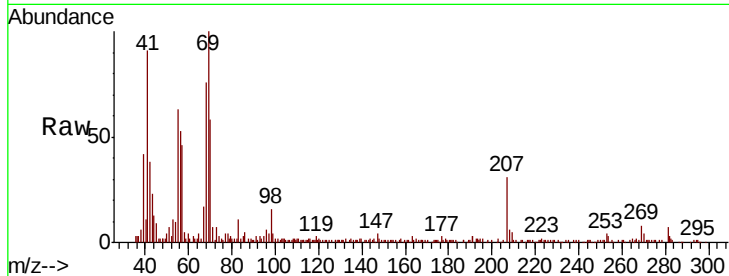




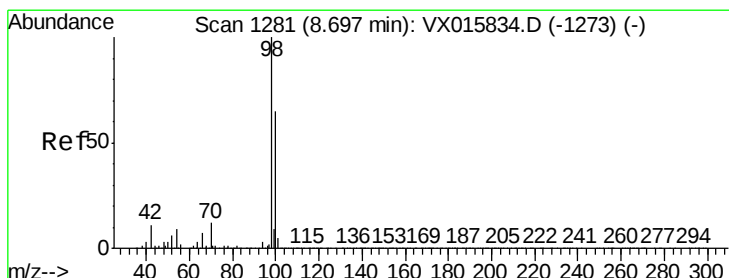
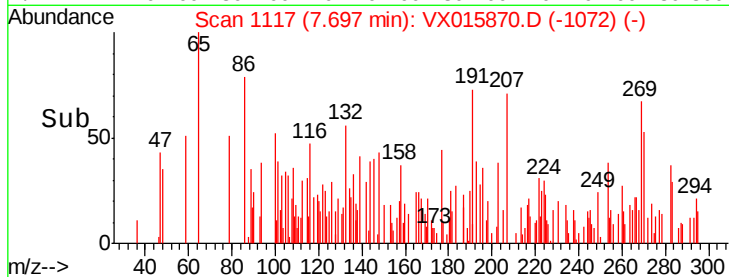
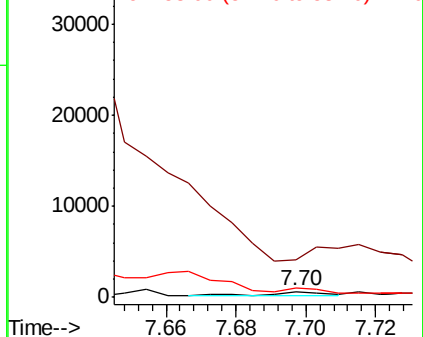
#49
1,4-Dioxane
Concen: 1.791 ug/l
RT: 7.70 min Scan# 1117
Delta R.T. -0.02 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

Tot Ion: 88 Resp: 419
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 58.9 88.3#

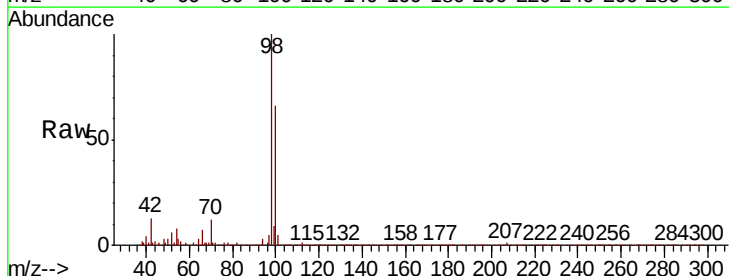


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

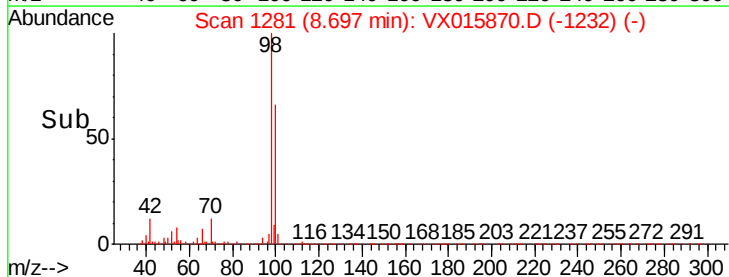
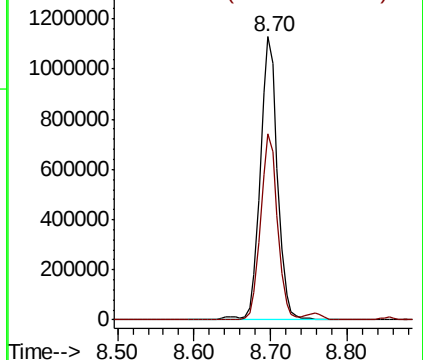


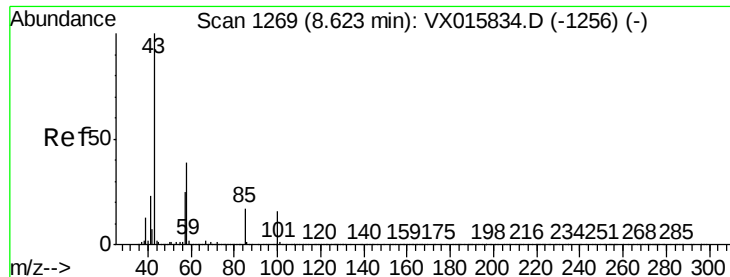
#50
Toluene-d8
Concen: 54.373 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion: 98 Resp: 1786926
Ion Ratio Lower Upper
98 100
100 64.6 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

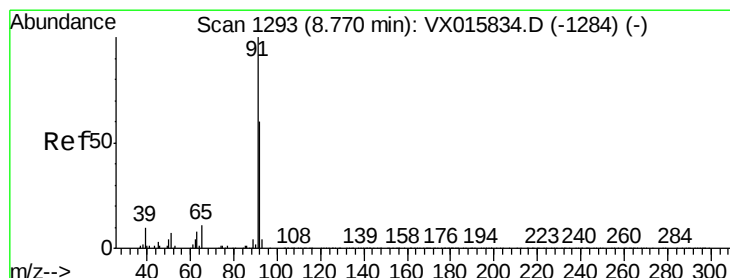
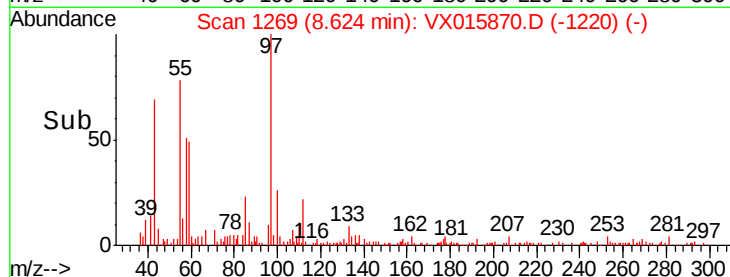
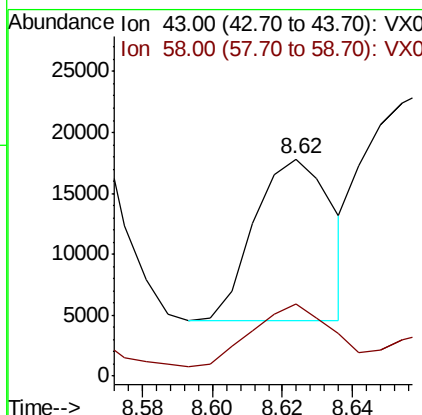
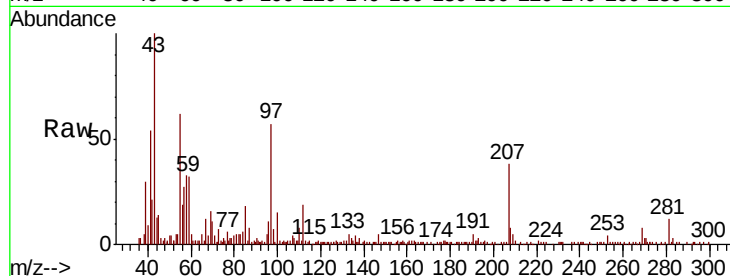




#51
4-Methyl-2-Pentanone
Concen: 1.420 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

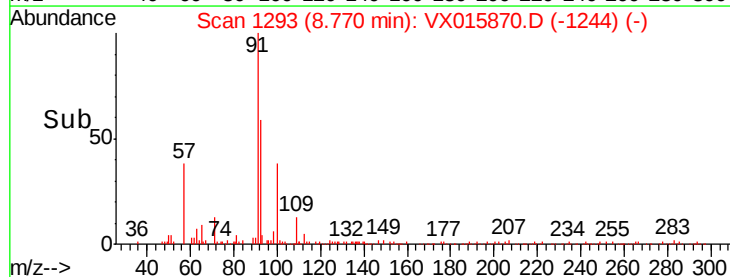
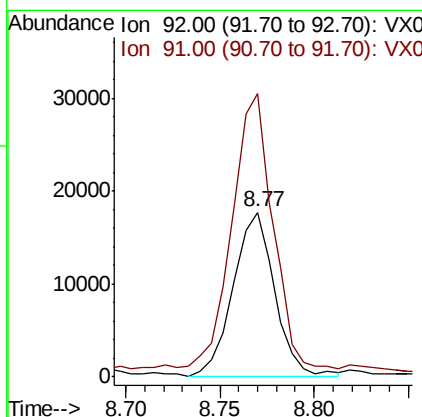
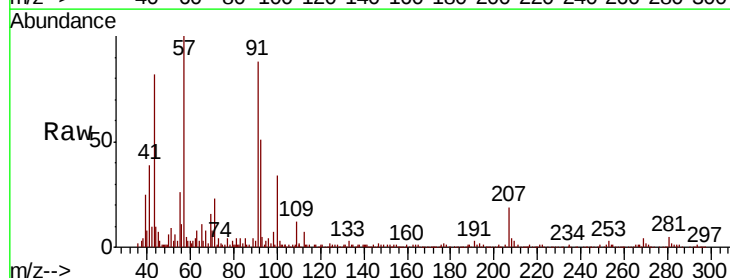
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

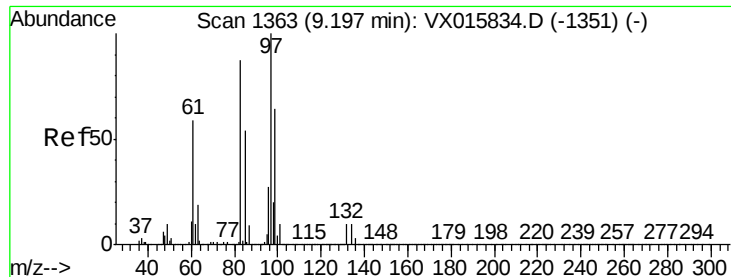
Tot Ion: 43 Resp: 20636
Ion Ratio Lower Upper
43 100
58 39.5 30.6 45.8



#52
Toluene
Concen: 1.123 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion: 92 Resp: 27186
Ion Ratio Lower Upper
92 100
91 165.8 133.4 200.0





#55

1,1,2-Trichloroethane

Concen: 0.924 ug/l

RT: 9.25 min Scan# 1371

Delta R.T. 0.05 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

Tot Ion: 97 Resp: 8734

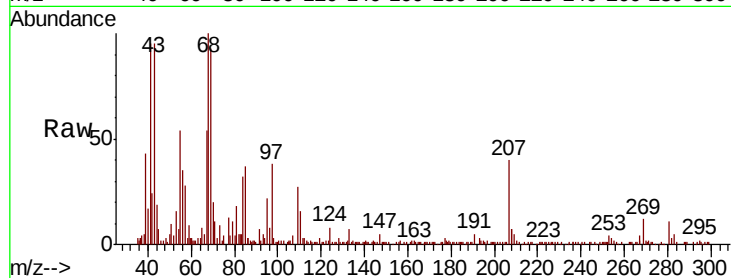
Ion Ratio Lower Upper

97 100

83 0.9 69.8 104.8#

85 97.8 43.4 65.2#

99 0.0 51.2 76.8#

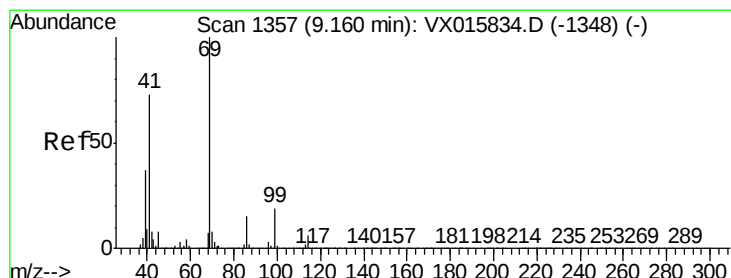
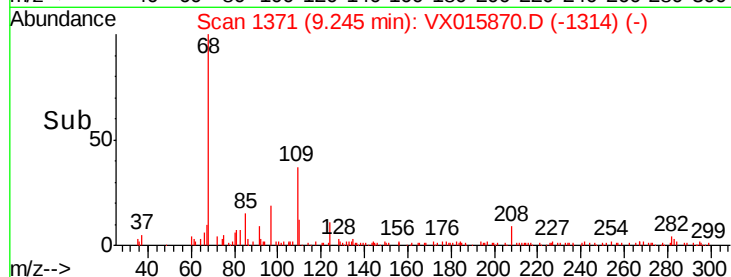
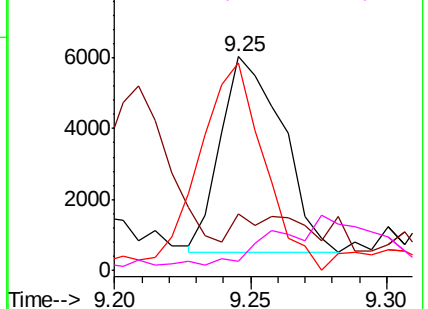


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 3.608 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

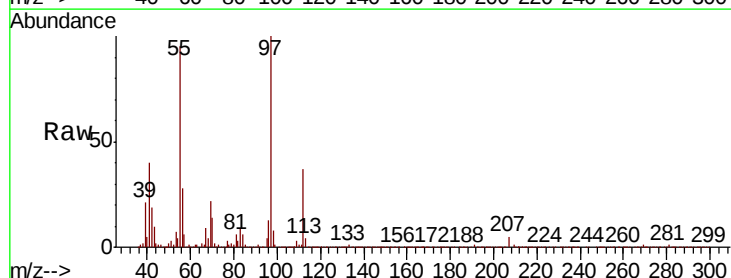
Tgt Ion: 69 Resp: 57758

Ion Ratio Lower Upper

69 100

41 182.1 57.4 86.2#

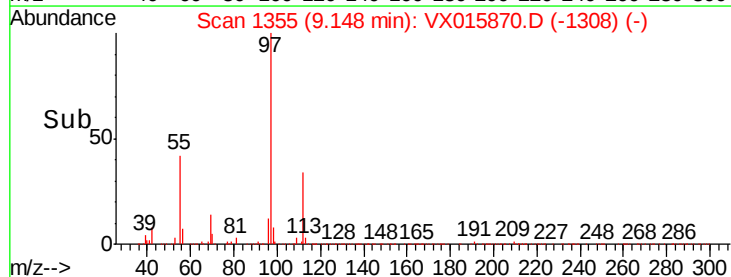
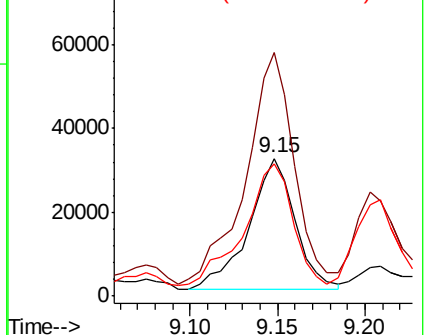
39 98.0 29.7 44.5#

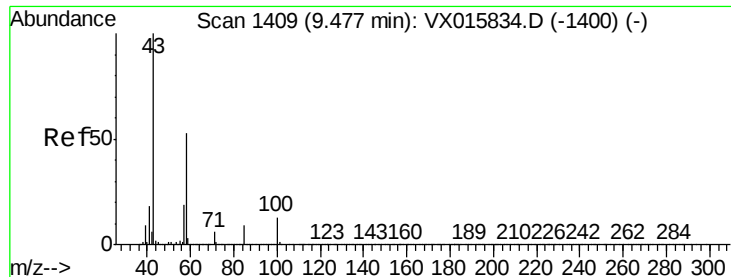


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

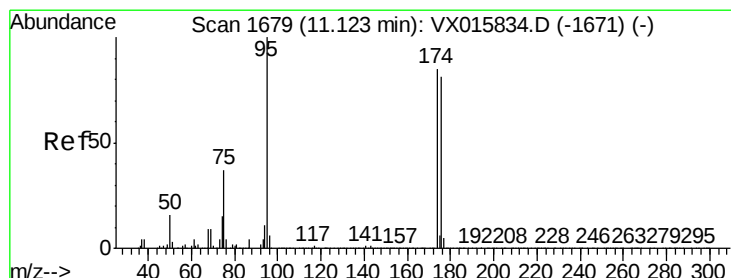
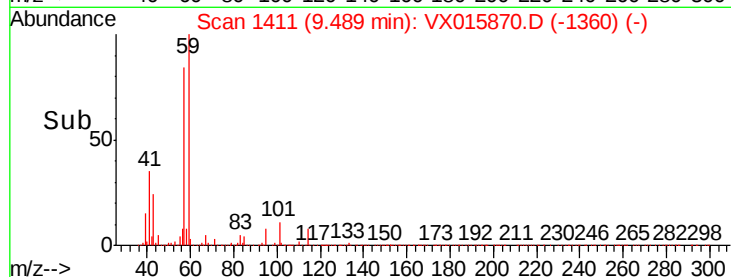
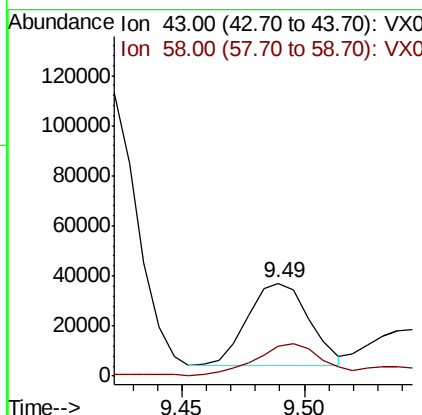
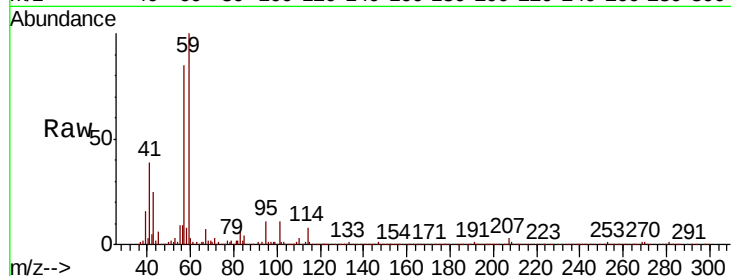




#59
2-Hexanone
Concen: 5.172 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

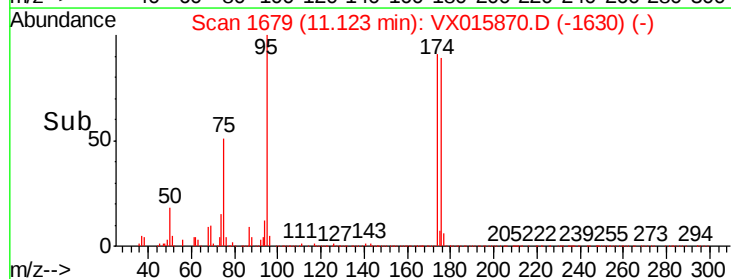
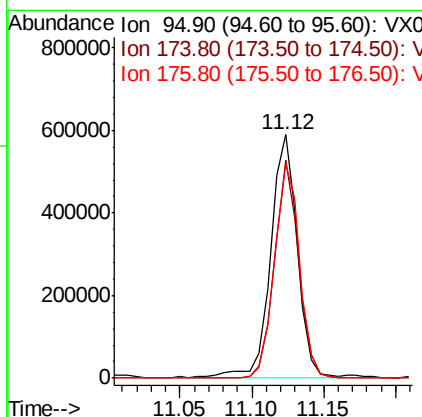
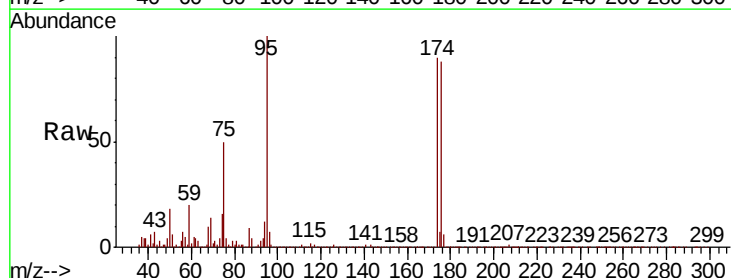
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

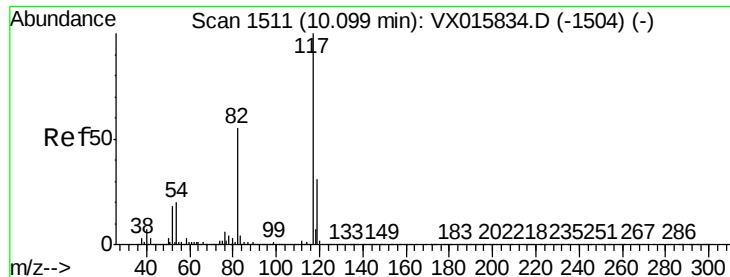
Tot Ion: 43 Resp: 57244
Ion Ratio Lower Upper
43 100
58 40.4 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 55.383 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion: 95 Resp: 746673
Ion Ratio Lower Upper
95 100
174 82.5 0.0 172.4
176 84.6 0.0 167.0

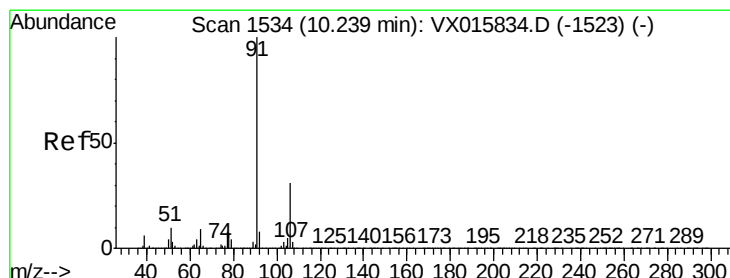
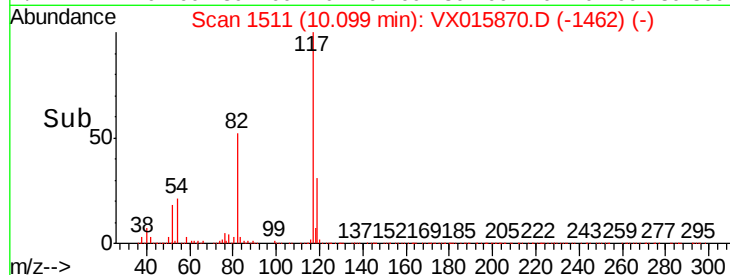
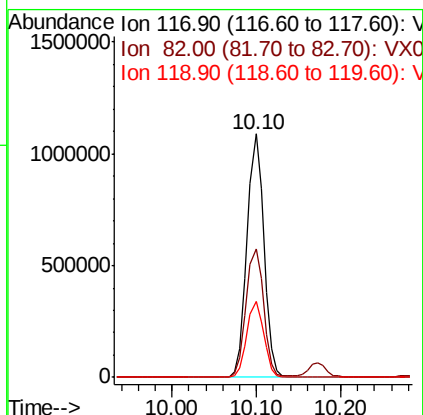
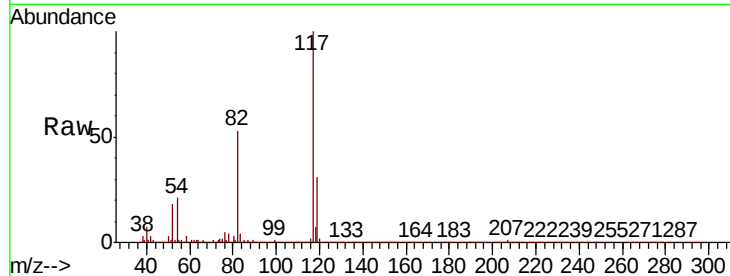




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

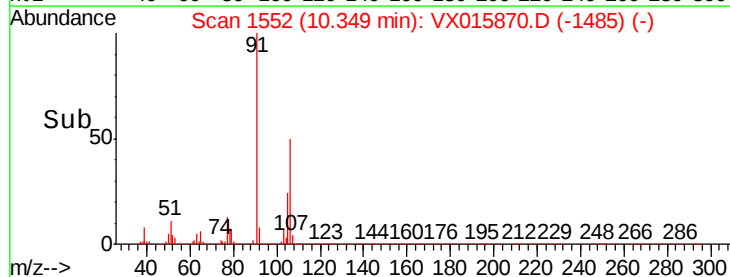
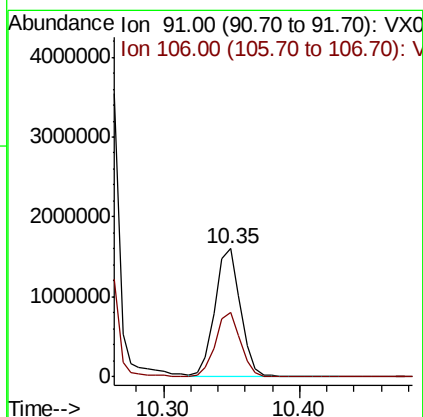
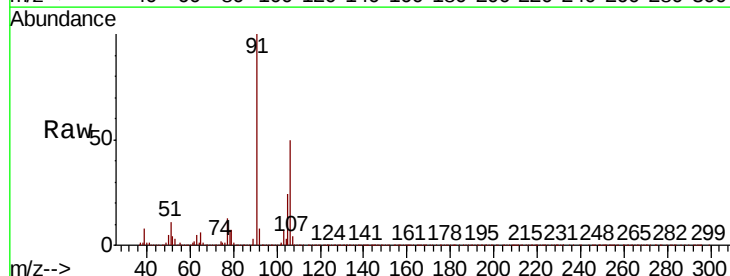
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

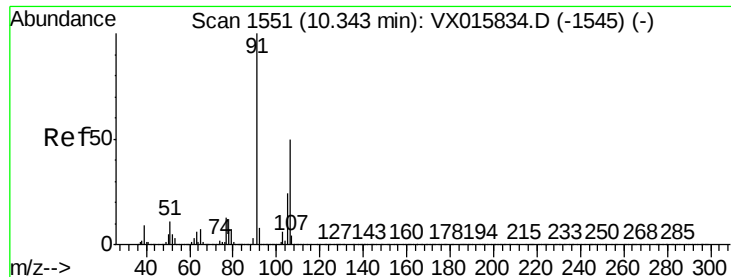
Tot Ion:117 Resp: 1452808
Ion Ratio Lower Upper
117 100
82 52.6 43.9 65.9
119 31.1 25.1 37.7



#67
Ethyl Benzene
Concen: 40.743 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.11 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion: 91 Resp: 2078597
Ion Ratio Lower Upper
91 100
106 50.5 25.0 37.4#





#68

m/p-Xylenes

Concen: 54.262 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

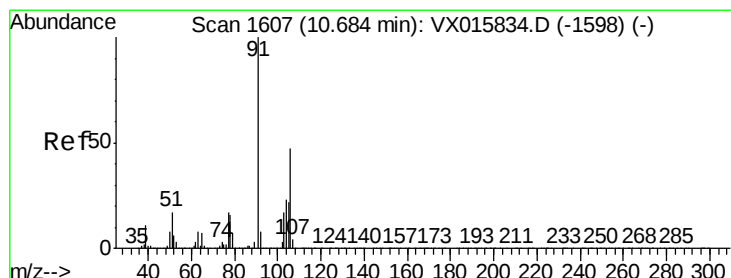
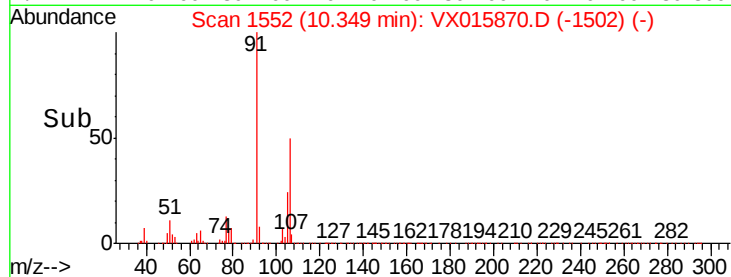
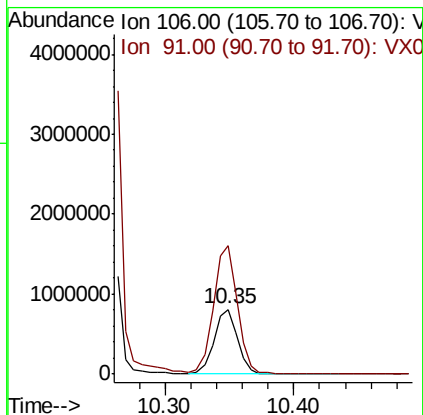
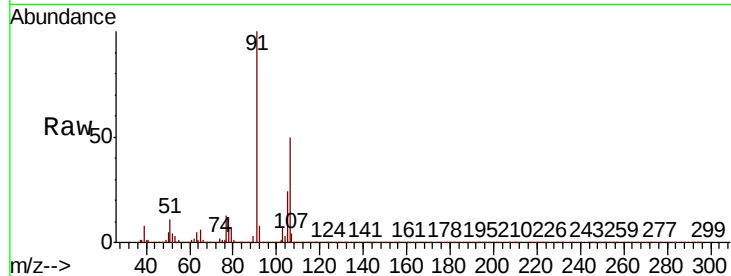
KY001IW089-200421

Tot Ion:106 Resp: 1039081

Ion Ratio Lower Upper

106 100

91 200.0 161.1 241.7



#69

o-Xylene

Concen: 108.986 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015870.D

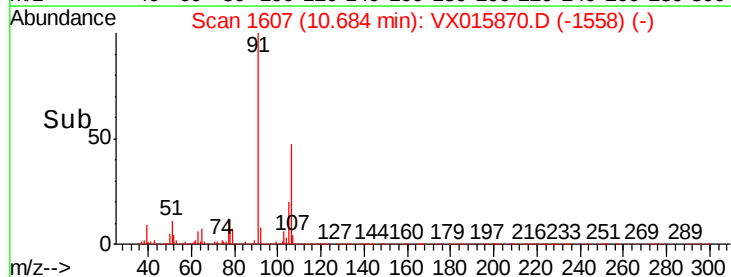
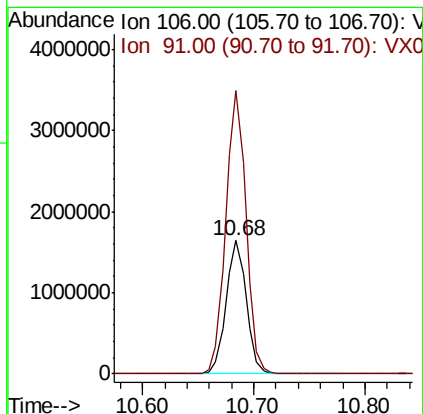
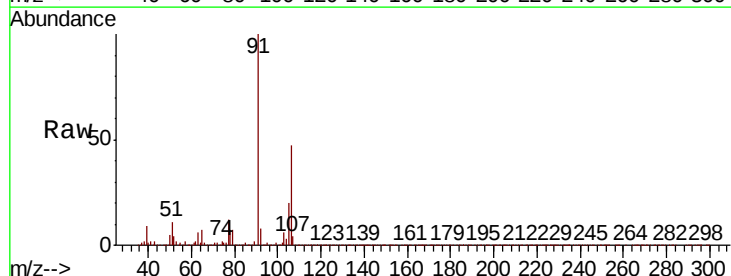
Acq: 23 Apr 2020 03:35

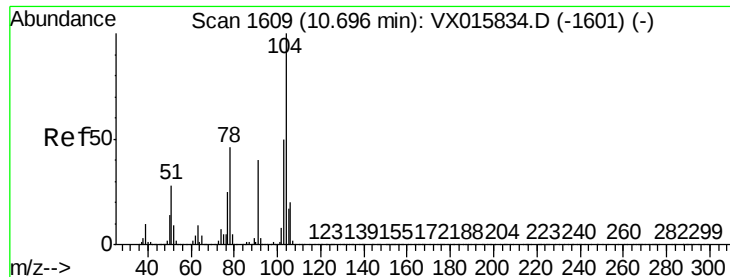
Tgt Ion:106 Resp: 2053725

Ion Ratio Lower Upper

106 100

91 212.8 107.1 321.3

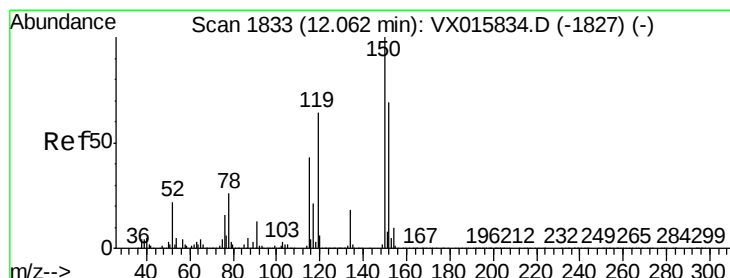
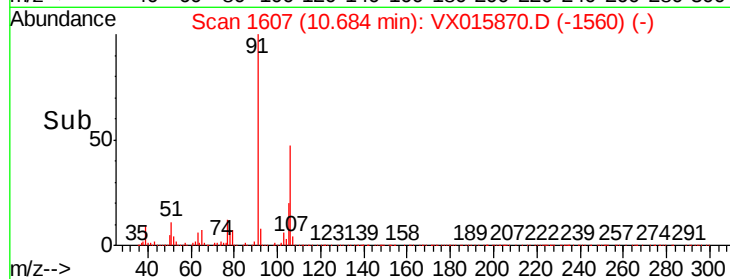
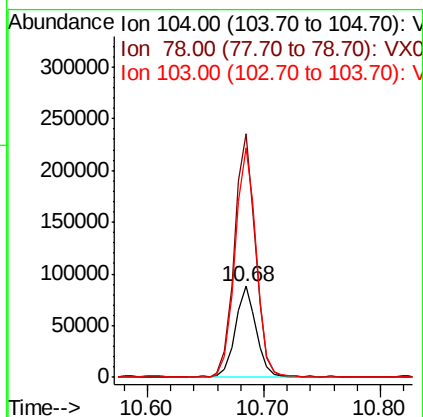
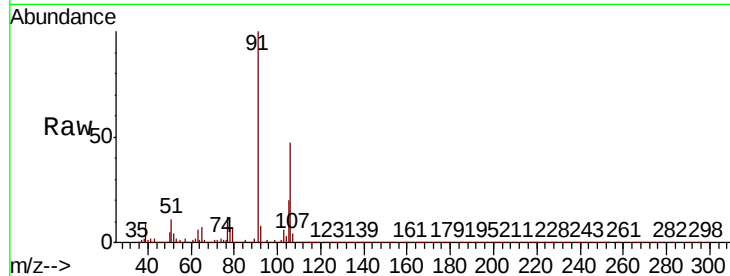




#70
Stvrene
Concen: 3.347 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.01 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

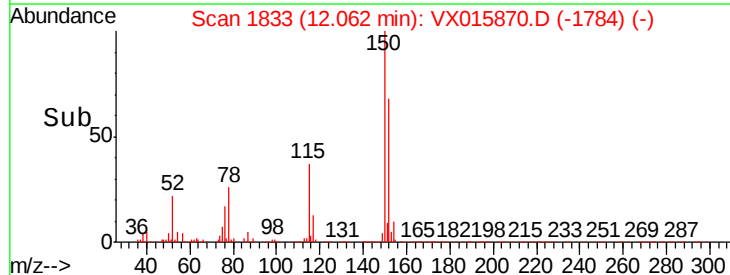
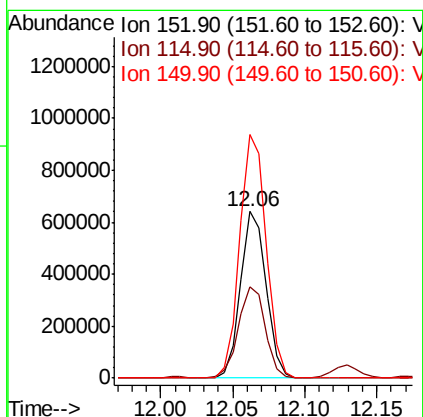
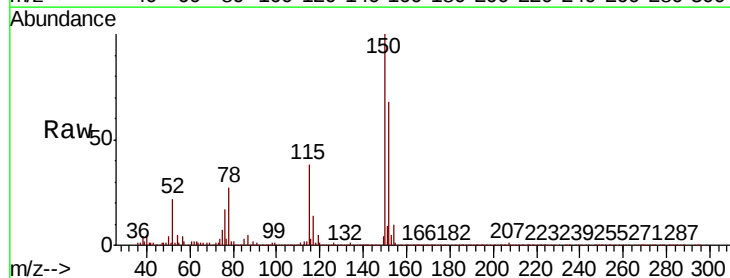
Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

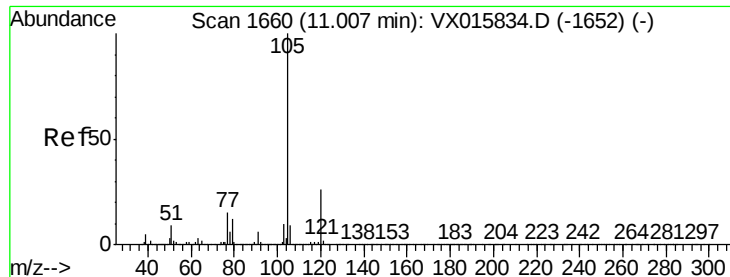
Tot Ion	Ratio	Lower	Upper
104	100		
78	268.4	40.1	60.1#
103	256.3	43.3	64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	39.0	116.9
150	150.5	0.0	336.8





#73

Isopropylbenzene

Concen: 222.703 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

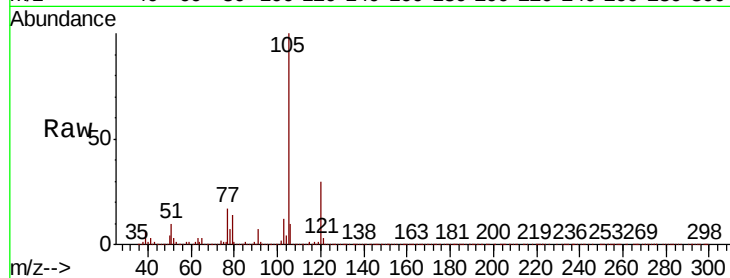
KY001IW089-200421

Tot Ion:105 Resp:11214105

Ion Ratio Lower Upper

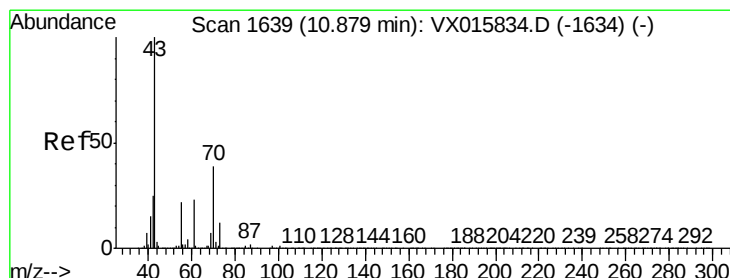
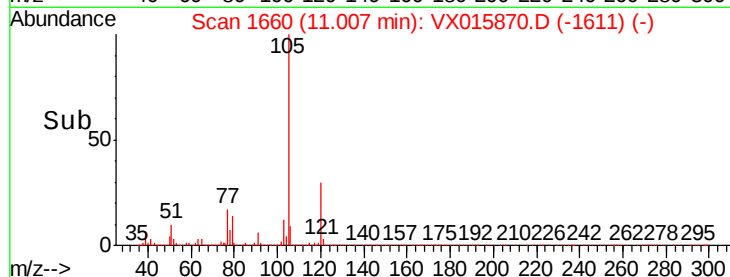
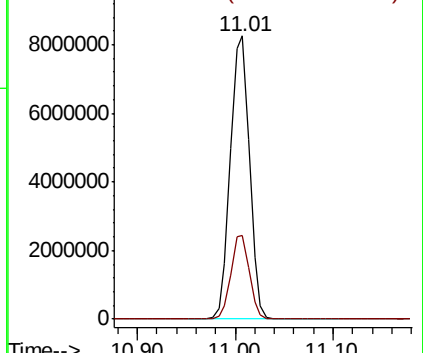
105 100

120 28.7 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.673 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Tgt Ion: 43 Resp: 43503

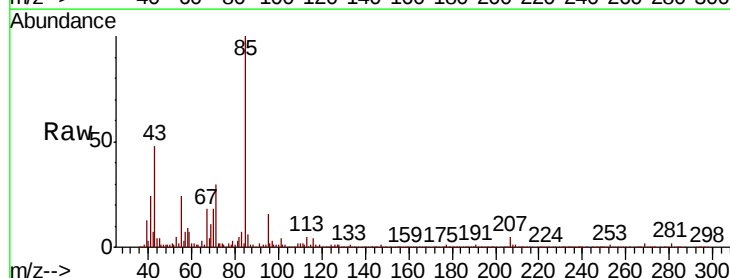
Ion Ratio Lower Upper

43 100

70 69.8 32.6 49.0#

55 66.9 18.3 27.5#

61 13.1 18.7 28.1#

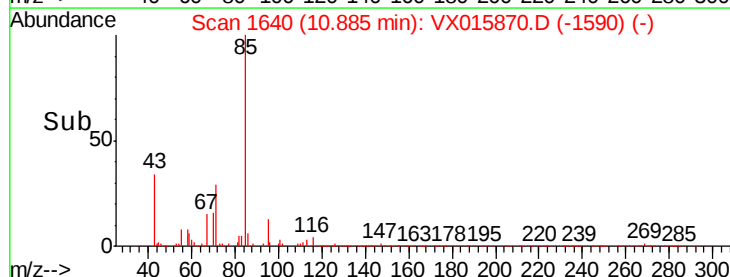
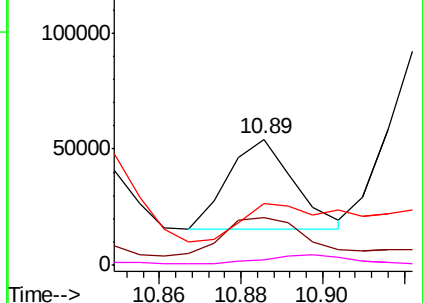


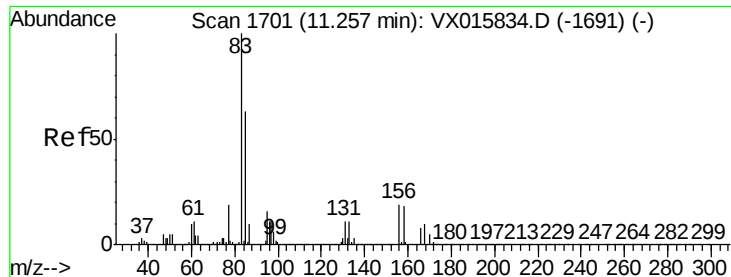
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 0.368 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

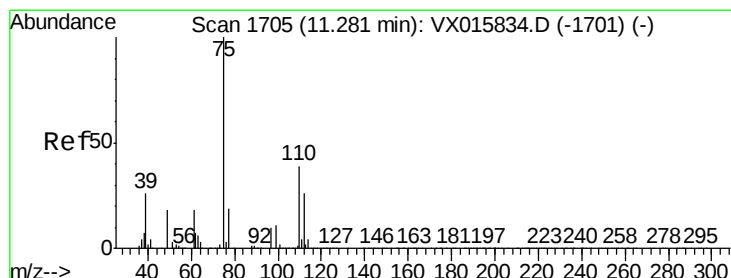
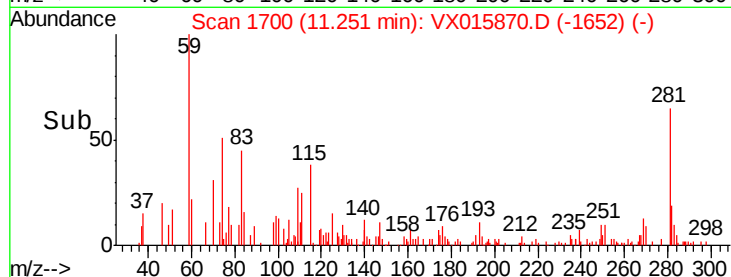
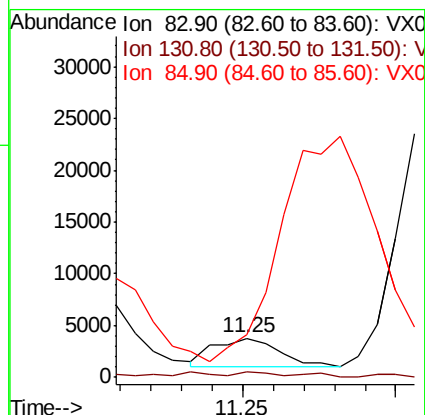
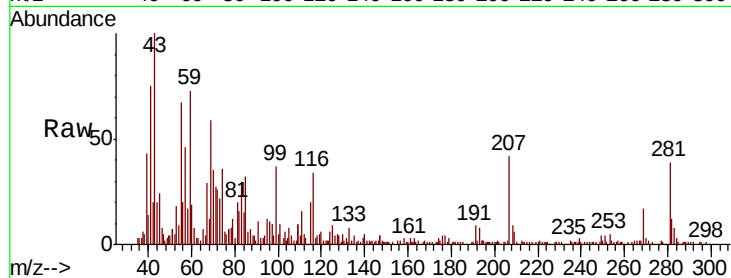
Tot Ion: 83 Resp: 3917

Ion Ratio Lower Upper

83 100

131 9.0 5.5 16.4

85 0.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 5.827 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.06 min

Lab File: VX015870.D

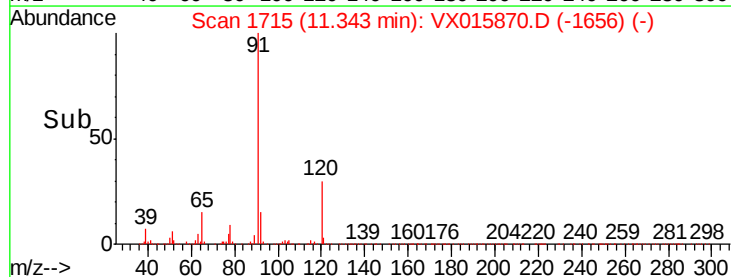
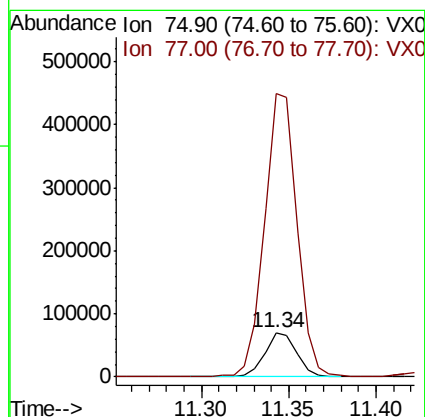
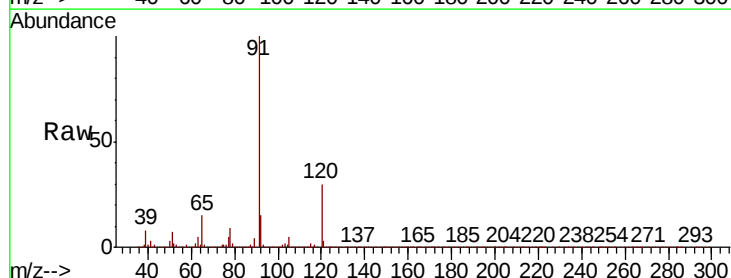
Acq: 23 Apr 2020 03:35

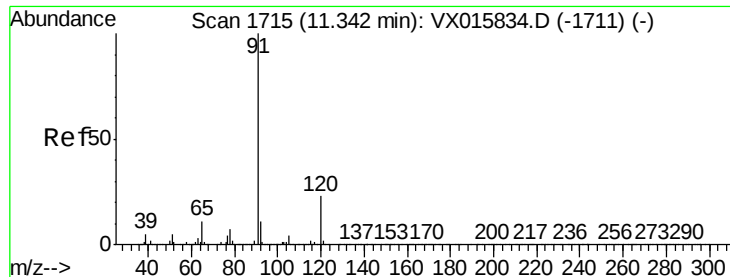
Tgt Ion: 75 Resp: 87855

Ion Ratio Lower Upper

75 100

77 654.5 21.3 63.9#





#78

n-propylbenzene

Concen: 210.651 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

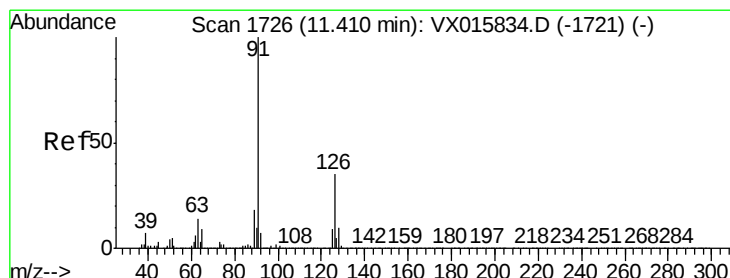
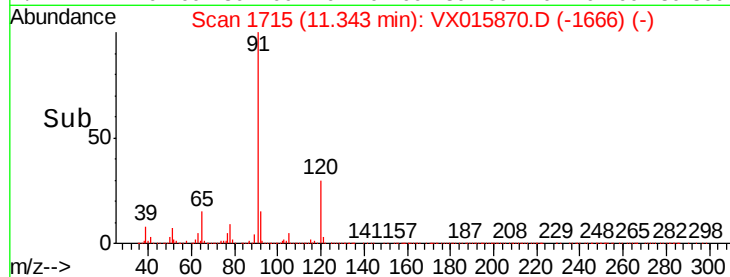
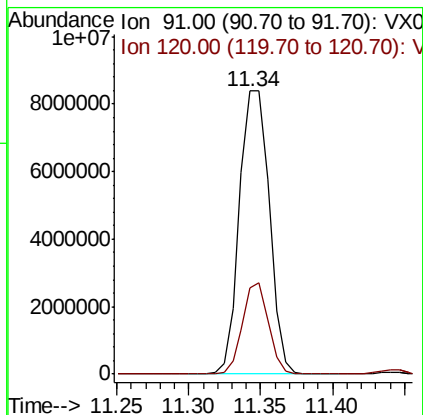
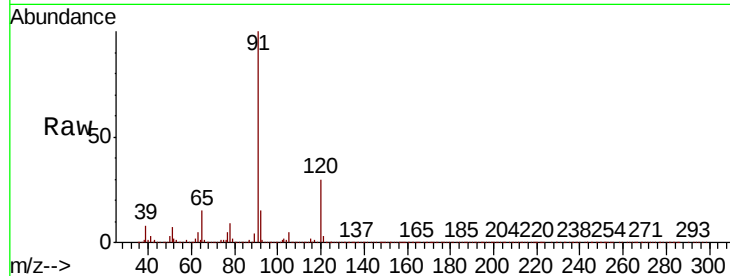
KY001IW089-200421

Tot Ion: 91 Resp:12151087

Ion Ratio Lower Upper

91 100

120 28.0 11.7 35.1



#79

2-Chlorotoluene

Concen: 350.686 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015870.D

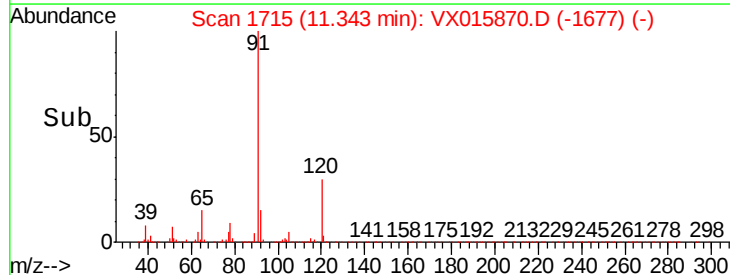
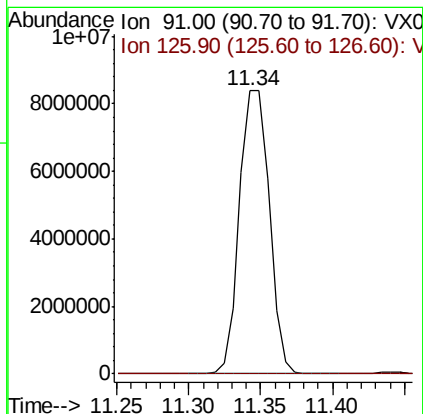
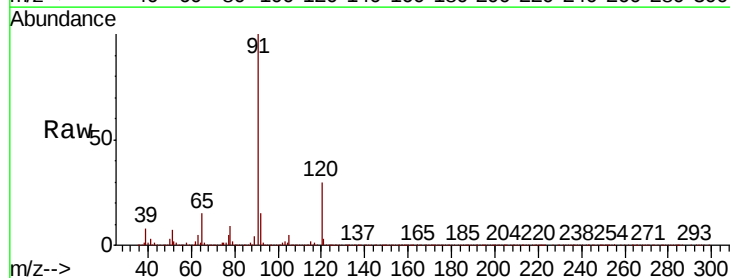
Acq: 23 Apr 2020 03:35

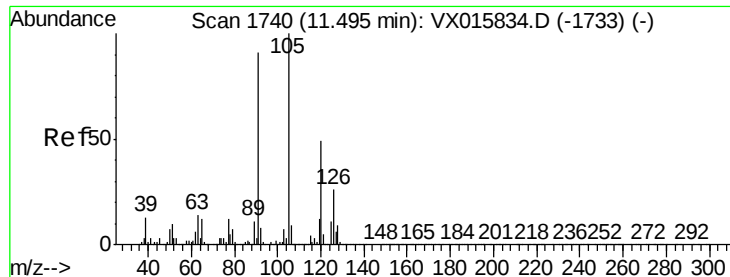
Tgt Ion: 91 Resp:12151087

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#





#80

1,3,5-Trimethylbenzene

Concen: 97.606 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

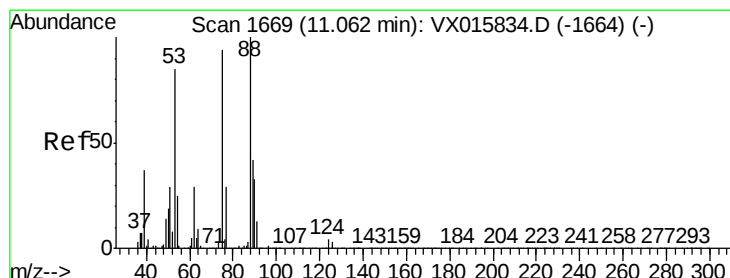
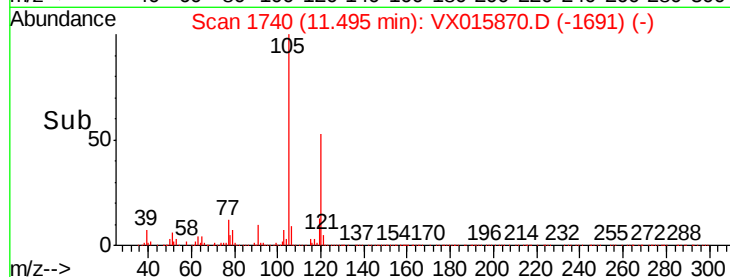
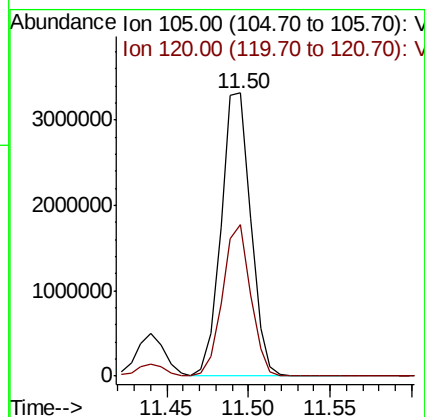
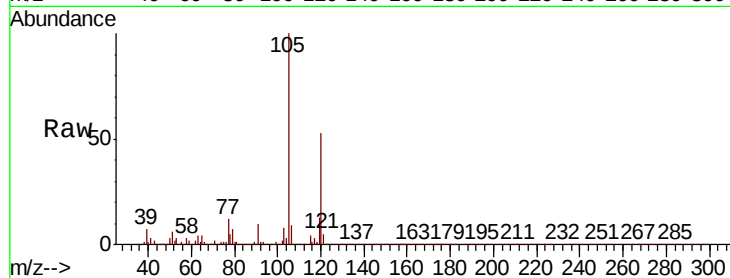
KY001IW089-200421

Tot Ion:105 Resp: 4190877

Ion Ratio Lower Upper

105 100

120 50.8 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 22.413 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.06 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

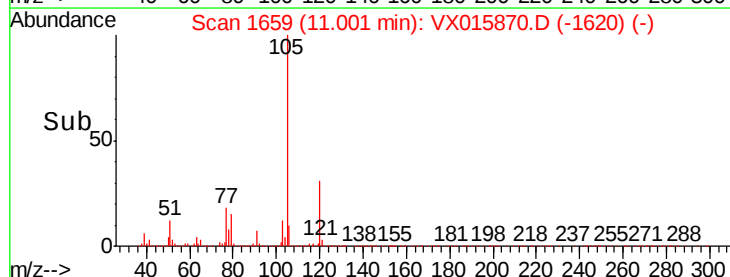
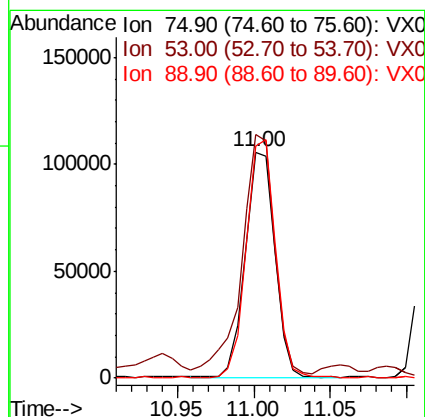
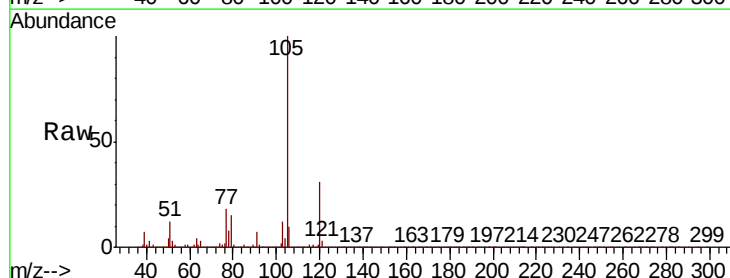
Tgt Ion: 75 Resp: 140473

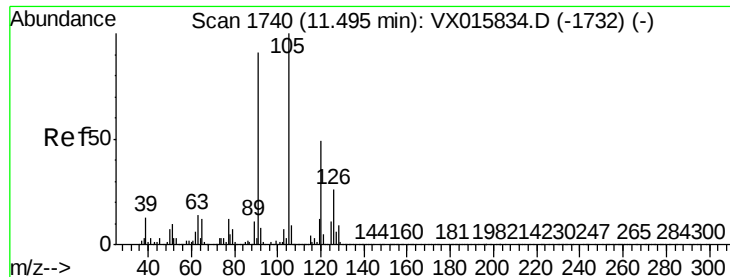
Ion Ratio Lower Upper

75 100

53 116.9 74.2 111.2#

89 104.2 38.0 57.0#





#82

4-Chlorotoluene

Concen: 10.837 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

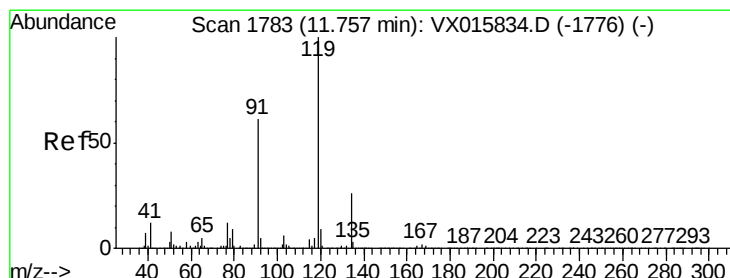
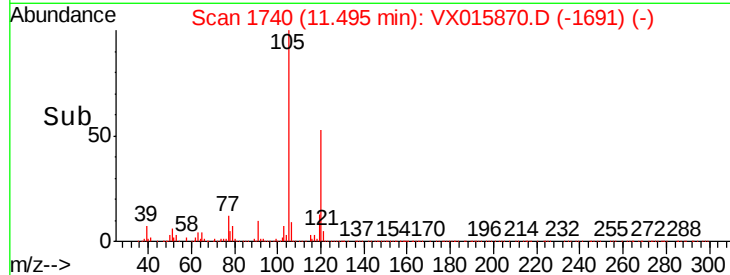
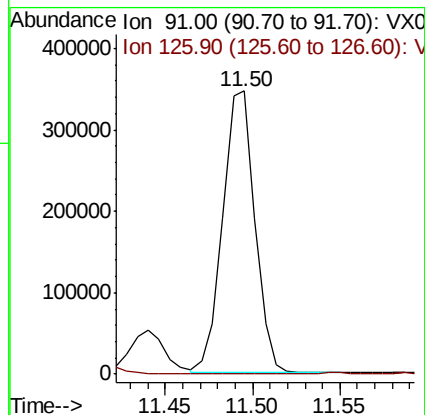
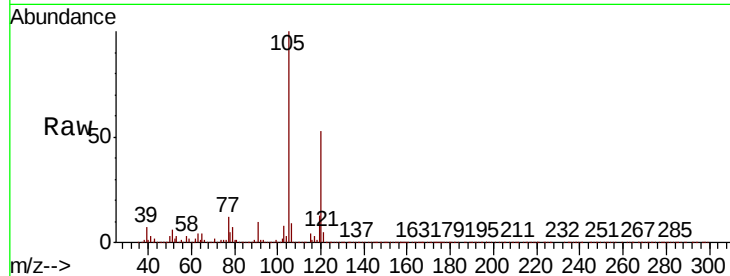
KY001IW089-200421

Tot Ion: 91 Resp: 446207

Ion Ratio Lower Upper

91 100

126 0.4 15.0 45.0#



#83

tert-Butylbenzene

Concen: 3.674 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

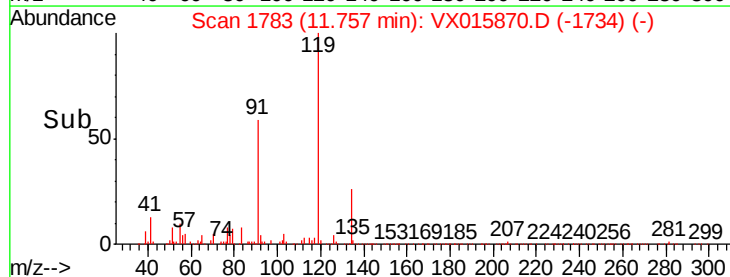
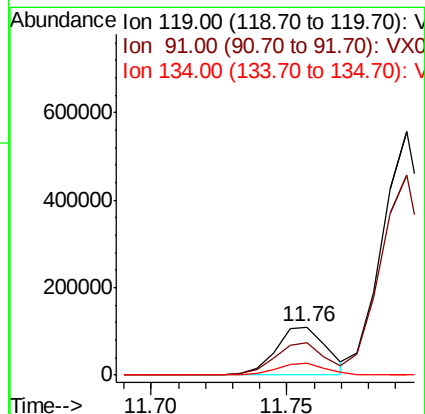
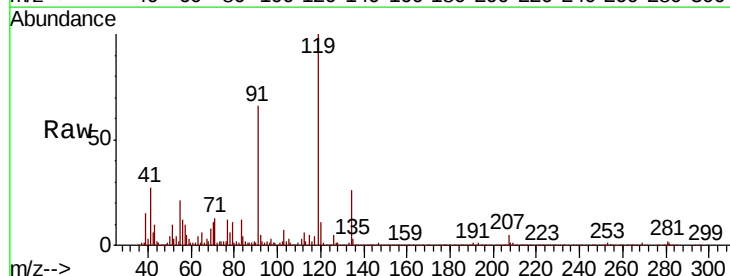
Tgt Ion: 119 Resp: 139914

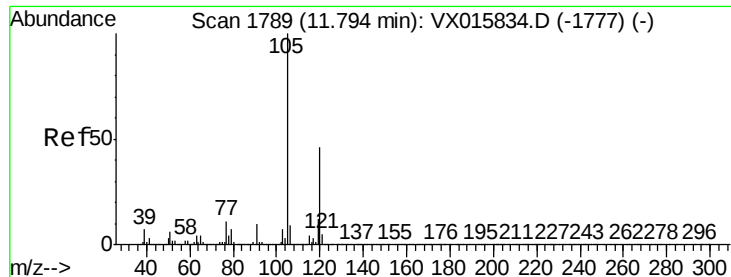
Ion Ratio Lower Upper

119 100

91 65.2 30.9 92.7

134 25.0 12.4 37.2





#84

1,2,4-Trimethylbenzene

Concen: 114.824 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

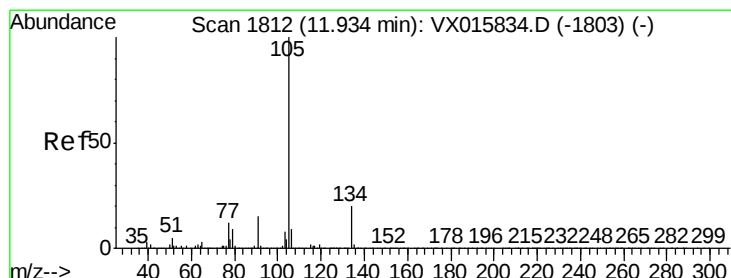
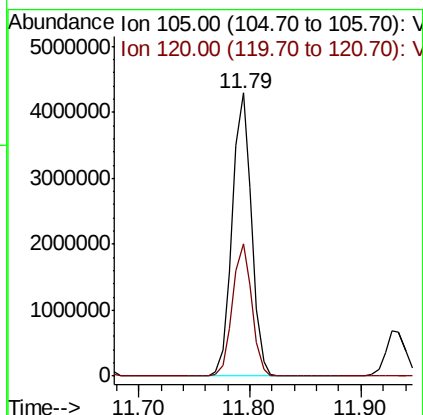
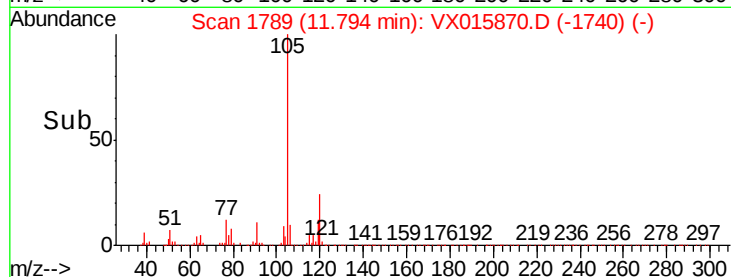
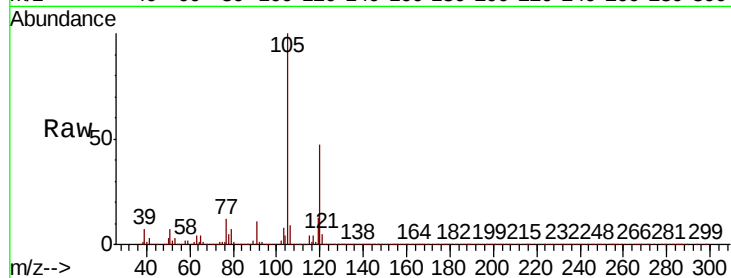
KY001IW089-200421

Tot Ion:105 Resp: 5118387

Ion Ratio Lower Upper

105 100

120 47.2 22.9 68.7



#85

sec-Butylbenzene

Concen: 17.287 ug/l

RT: 11.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VX015870.D

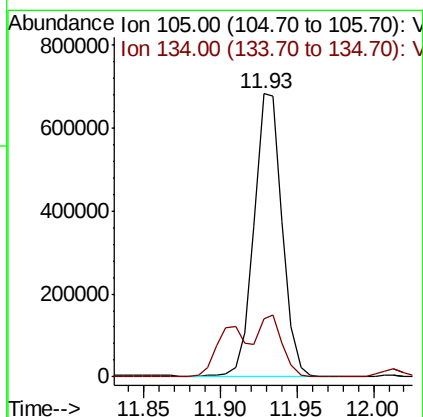
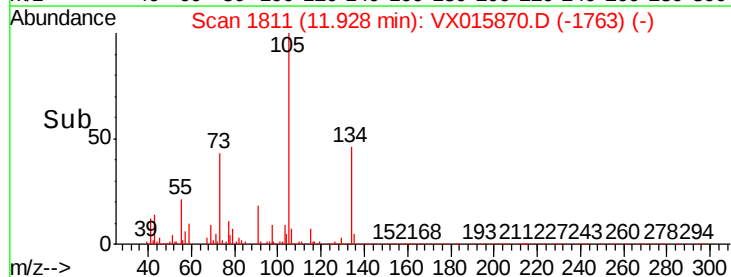
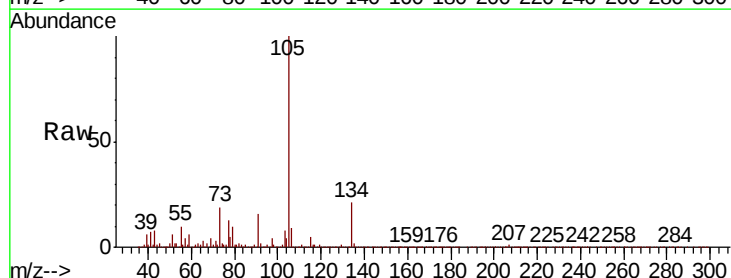
Acq: 23 Apr 2020 03:35

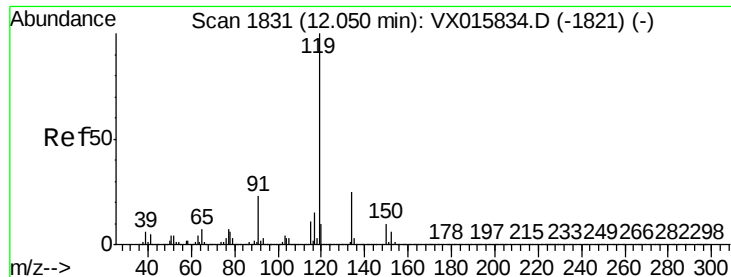
Tgt Ion:105 Resp: 867908

Ion Ratio Lower Upper

105 100

134 17.1 10.3 30.8





#86

p-Isopropyltoluene

Concen: 14.896 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001IW089-200421

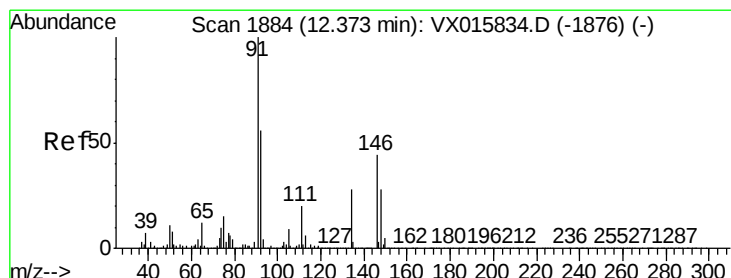
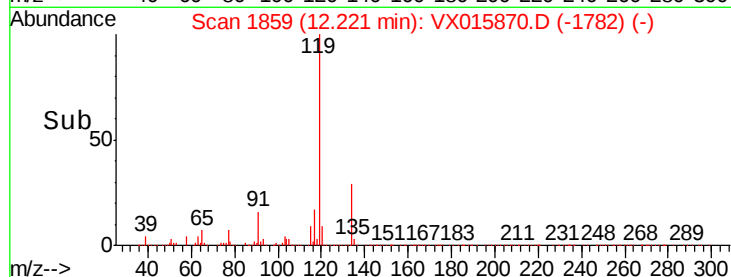
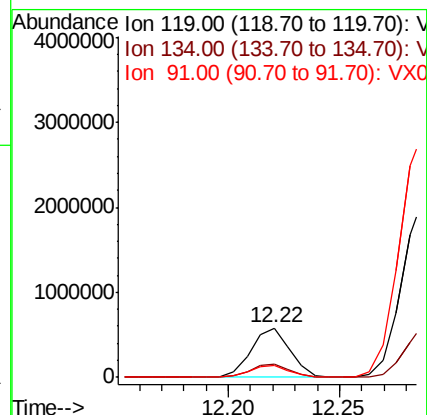
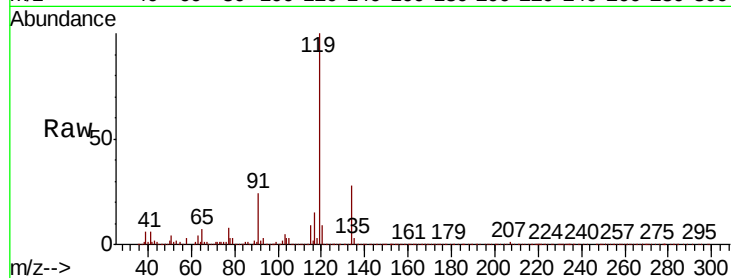
Tot Ion:119 Resp: 699311

Ion Ratio Lower Upper

119 100

134 27.6 13.0 38.9

91 24.7 11.5 34.5



#89

n-Butylbenzene

Concen: 17.585 ug/l

RT: 12.35 min Scan# 1881

Delta R.T. -0.02 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

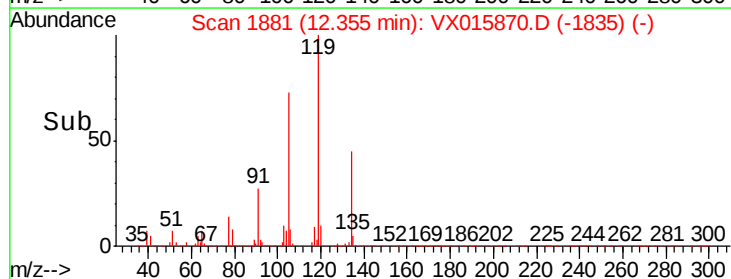
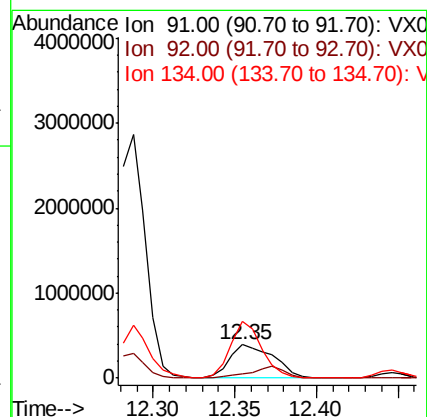
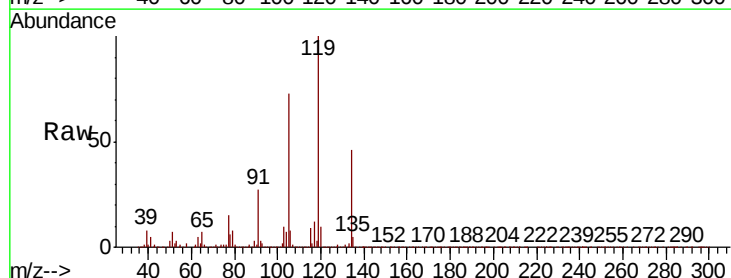
Tgt Ion: 91 Resp: 738127

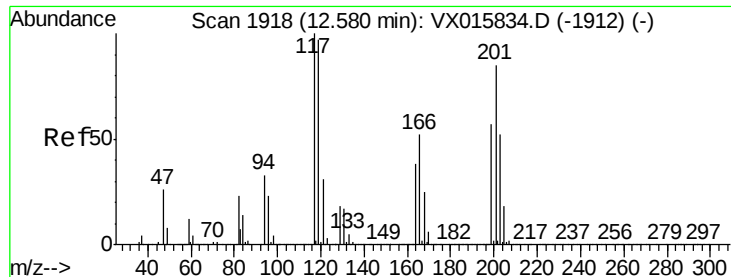
Ion Ratio Lower Upper

91 100

92 27.3 27.7 83.1#

134 121.3 14.1 42.4#





#90

Hexachloroethane

Concen: 78.171 ug/l

RT: 12.65 min Scan# 1930

Delta R.T. 0.07 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

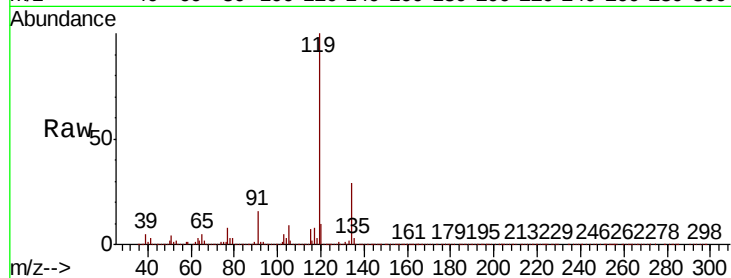
KY001IW089-200421

Tot Ion:117 Resp: 387687

Ion Ratio Lower Upper

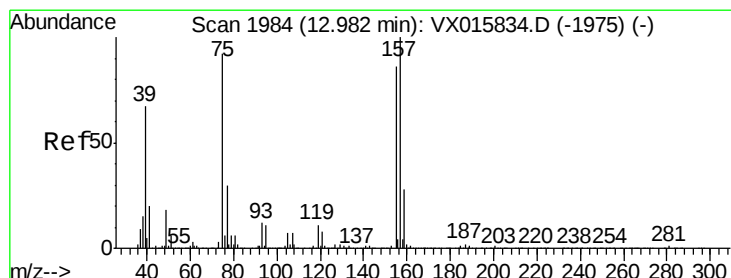
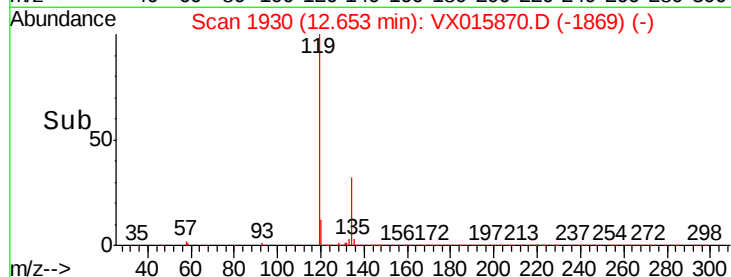
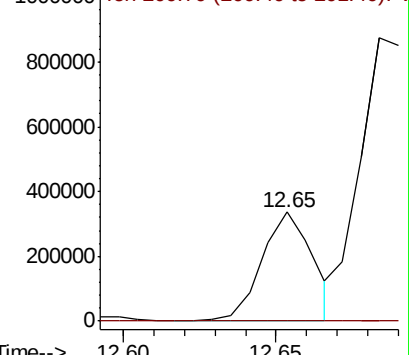
117 100

201 0.0 45.6 136.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.892 ug/l

RT: 12.96 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VX015870.D

Acq: 23 Apr 2020 03:35

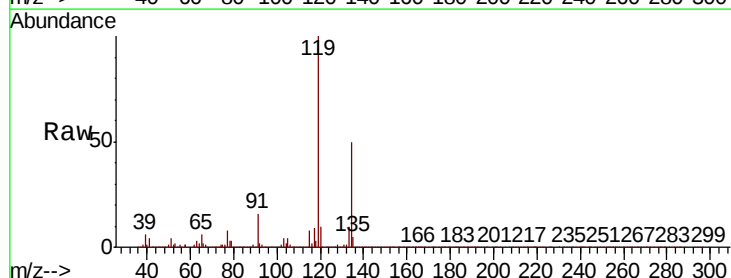
Tgt Ion: 75 Resp: 28101

Ion Ratio Lower Upper

75 100

155 0.0 48.1 144.4#

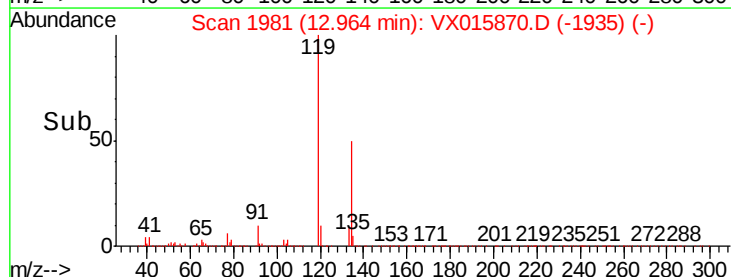
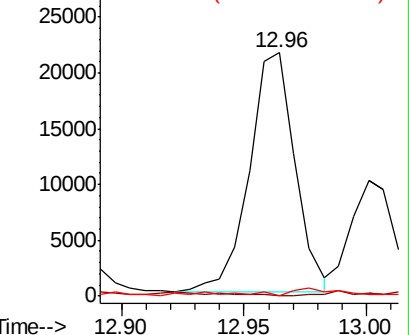
157 0.0 58.9 176.7#

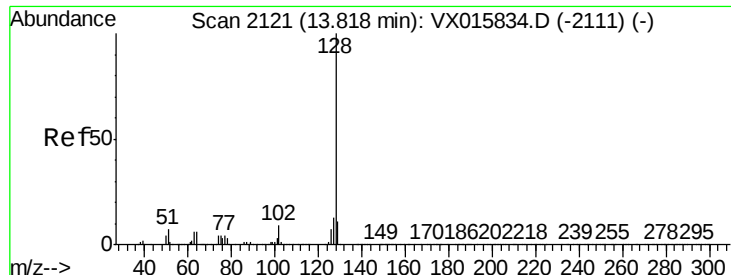


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

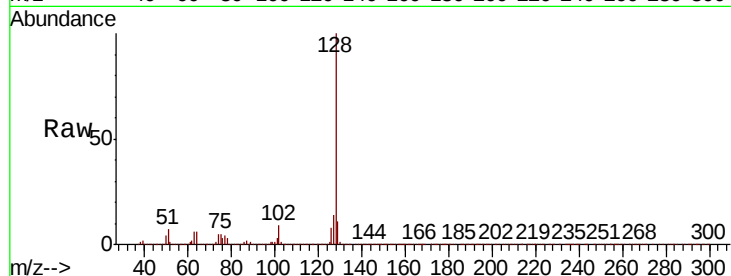




#95
Naphthalene
Concen: 79.099 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015870.D
Acq: 23 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-200421

Tot Ion:128 Resp: 4295069
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.3 8.5 12.7



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

