

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015866.D
 Acq On : 23 Apr 2020 02:04
 Operator : JC/SP
 Sample : L2380-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421

Quant Time: Apr 23 05:02:11 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	5.64	168	970946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1506470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1449775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	789099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	546584	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	5.47	113	447300	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	1808899	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	11.12	95	770224	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	

Target Compounds

						Qvalue
8) Diethyl Ether	2.35	74	1202	0.242	ug/l	69
11) Tert butyl alcohol	3.01	59	134620	59.664	ug/l	95
12) 1,1-Dichloroethene	2.39	96	2078	0.244	ug/l #	28
13) Acrolein	2.28	56	911	0.682	ug/l #	15
14) Allyl chloride	2.83	41	63575	3.518	ug/l #	68
15) Acrylonitrile	3.15	53	12394	2.367	ug/l #	57
16) Acetone	2.42	43	33461	6.959	ug/l	99
17) Carbon Disulfide	2.55	76	20774	0.673	ug/l	99
18) Methyl Acetate	2.83	43	163349	10.290	ug/l #	54
19) Methyl tert-butyl Ether	3.17	73	383226	12.765	ug/l #	6
25) 2-Butanone	4.64	43	4150	0.546	ug/l #	80
29) Tetrahydrofuran	5.10	42	2795	0.556	ug/l #	57
31) Cyclohexane	5.56	56	161549	10.013	ug/l #	92
36) 1,1-Dichloropropene	5.63	75	65950	4.938	ug/l #	51
38) Carbon Tetrachloride	5.64	117	88388	6.719	ug/l #	17
39) Methylcyclohexane	7.44	83	272049	16.086	ug/l #	88
40) Benzene	6.12	78	189250	4.705	ug/l	93
41) Methacrylonitrile	5.04	41	1777	0.201	ug/l #	67
42) 1,2-Dichloroethane	6.16	62	4274	0.295	ug/l #	1
43) Isopropyl Acetate	6.43	43	16908	0.631	ug/l #	66
46) Dibromomethane	7.62	93	1568	0.204	ug/l #	1
47) Bromodichloromethane	7.82	83	8782	0.642	ug/l #	57
48) Methyl methacrylate	7.71	41	48585	3.684	ug/l #	54
49) 1,4-Dioxane	7.72	88	655	2.628	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	16916	1.093	ug/l #	37
52) Toluene	8.77	92	13218	0.513	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	99323	9.866	ug/l #	18
56) Ethyl methacrylate	9.15	69	22694	1.331	ug/l #	1
59) 2-Hexanone	9.49	43	3465	0.294	ug/l	94
67) Ethyl Benzene	10.24	91	65452	1.286	ug/l	99
68) m/p-Xylenes	10.35	106	11986	0.627	ug/l	83
69) o-Xylene	10.68	106	15940	0.848	ug/l	88
73) Isopropylbenzene	11.01	105	2593290	51.746	ug/l	98
74) N-ethyl acetate	10.89	43	9356	0.362	ug/l #	1

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 QLast Update : Thu Apr 23 04:36:12 2020
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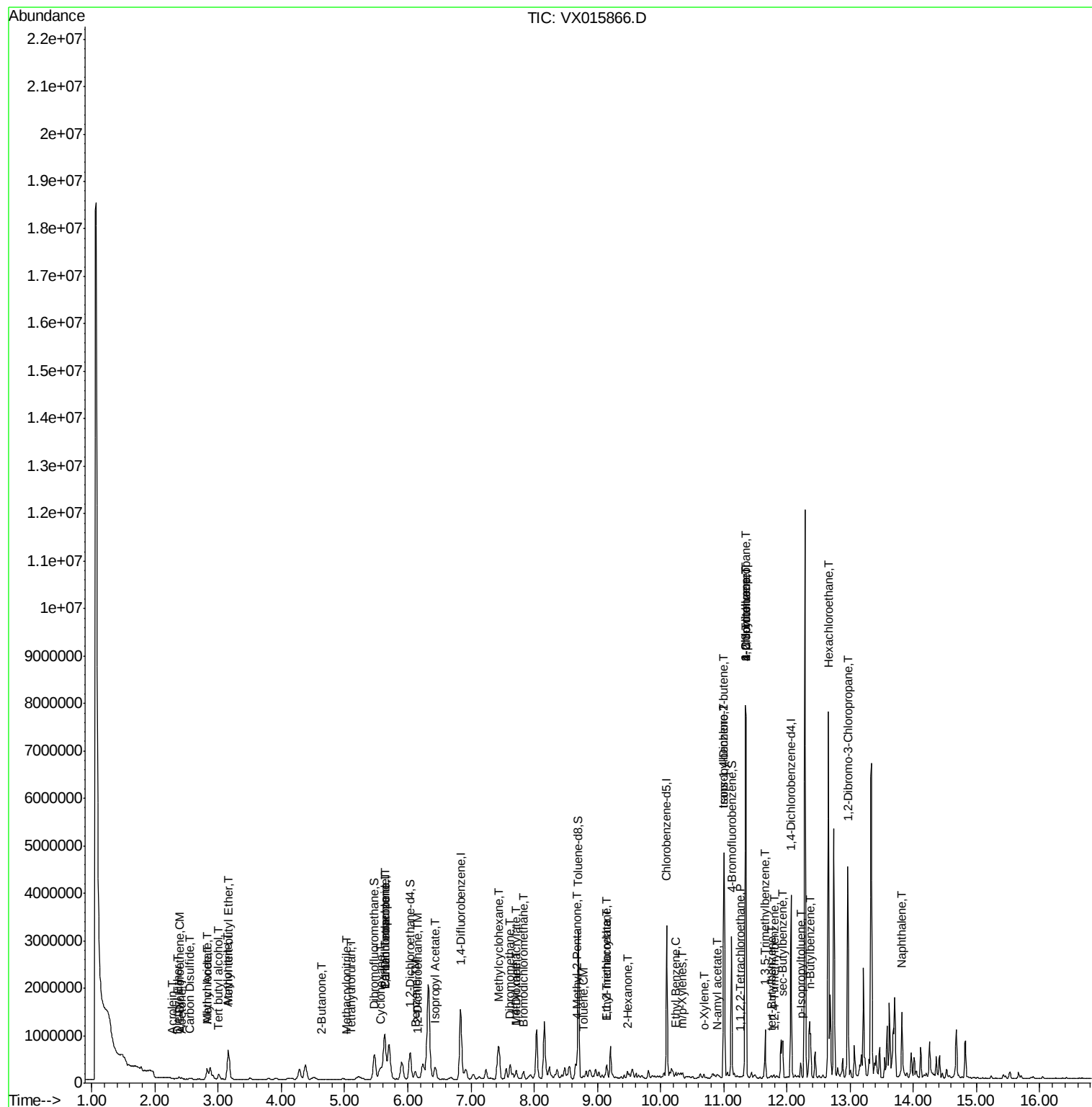
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
75) 1,1,2,2-Tetrachloroethane	11.26	83	2352	0.222	ug/l	#	1
76) 1,2,3-Trichloropropane	11.35	75	31382	2.091	ug/l	#	1
78) n-propylbenzene	11.34	91	5073093	88.366	ug/l		99
79) 2-Chlorotoluene	11.34	91	5073093	147.109	ug/l	#	40
80) 1,3,5-Trimethylbenzene	11.65	105	490946	11.489	ug/l		70
81) trans-1,4-Dichloro-2-buten	11.01	75	30454	4.882	ug/l	#	59
82) 4-Chlorotoluene	11.34	91	5073093	123.798	ug/l	#	45
83) tert-Butylbenzene	11.76	119	25455	0.672	ug/l		95
84) 1,2,4-Trimethylbenzene	11.79	105	28241	0.637	ug/l		99
85) sec-Butylbenzene	11.93	105	393380	7.873	ug/l		95
86) p-Isopropyltoluene	12.22	119	143739	3.076	ug/l		97
89) n-Butylbenzene	12.37	91	454602	10.882	ug/l	#	75
90) Hexachloroethane	12.65	117	288458	58.440	ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	16049	5.103	ug/l	#	1
95) Naphthalene	13.82	128	844039	15.618	ug/l		98

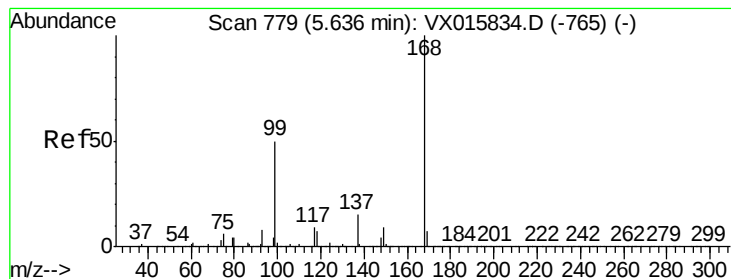
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

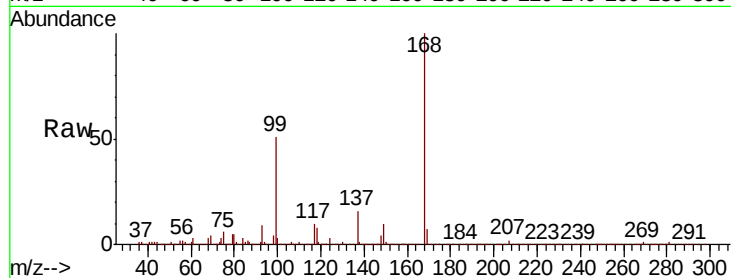
KY001MW078-200421

Tot Ion:168 Resp: 970946

Ion Ratio Lower Upper

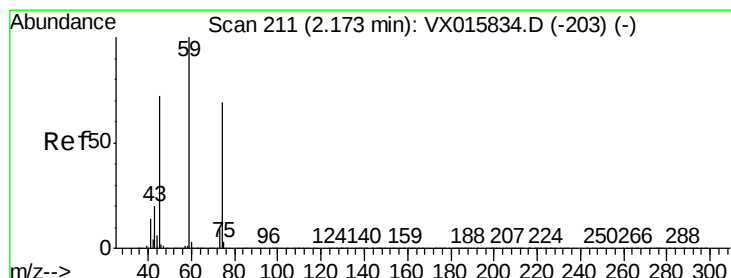
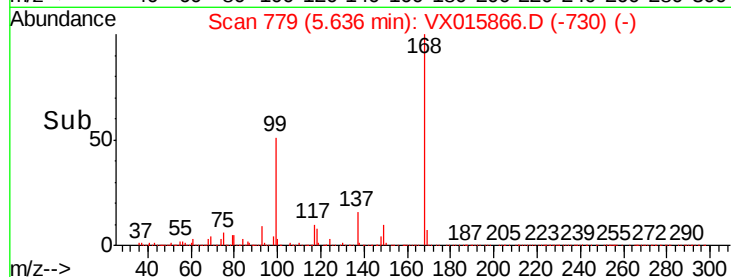
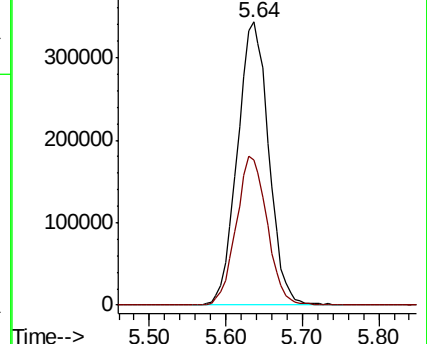
168 100

99 51.3 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.242 ug/l

RT: 2.35 min Scan# 240

Delta R.T. 0.18 min

Lab File: VX015866.D

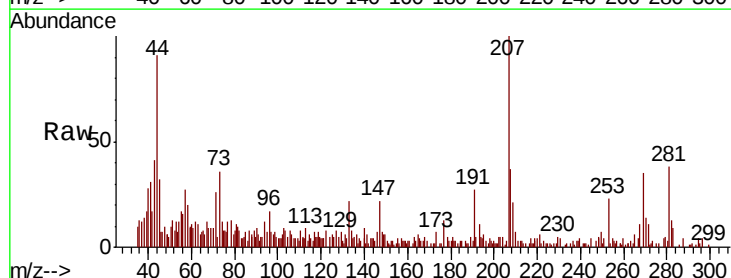
Acq: 23 Apr 2020 02:04

Tgt Ion: 74 Resp: 1202

Ion Ratio Lower Upper

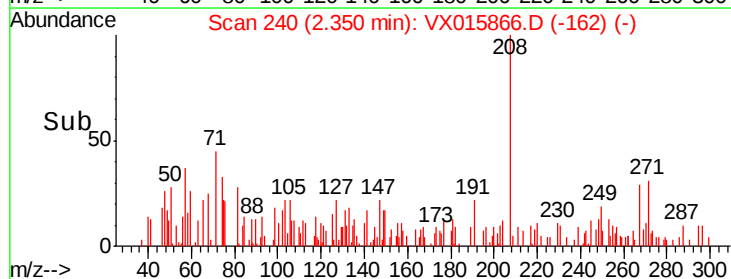
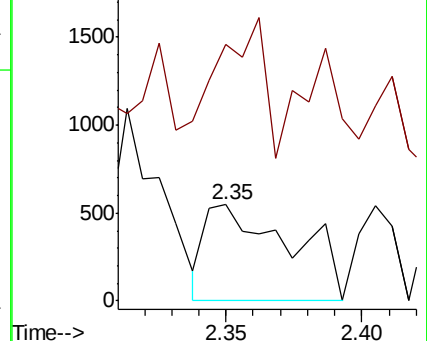
74 100

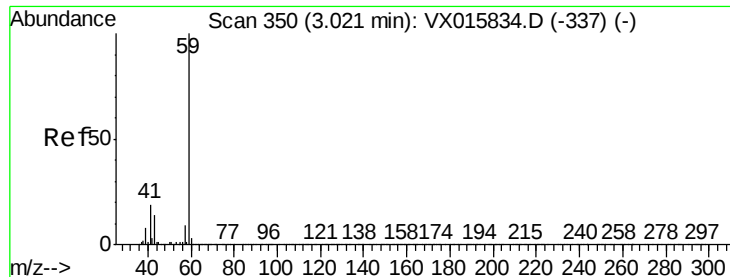
45 75.4 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



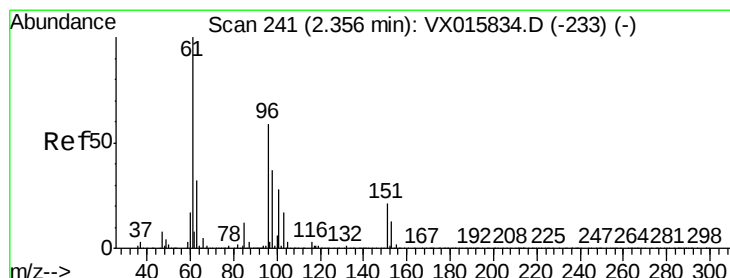
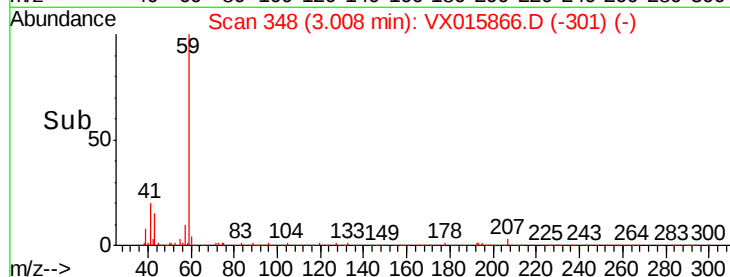
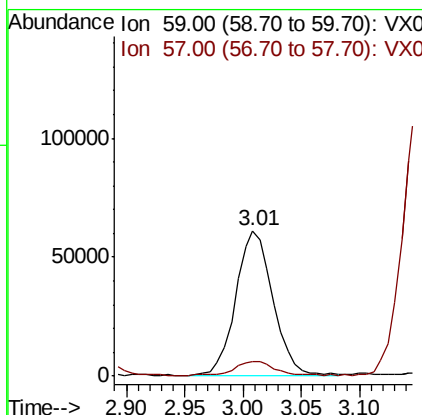
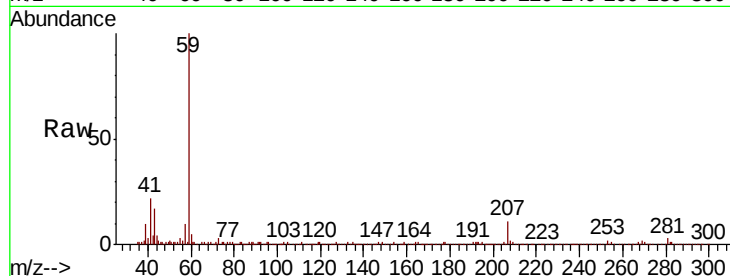


#11

Tert butyl alcohol
Concen: 59.664 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Instrument :
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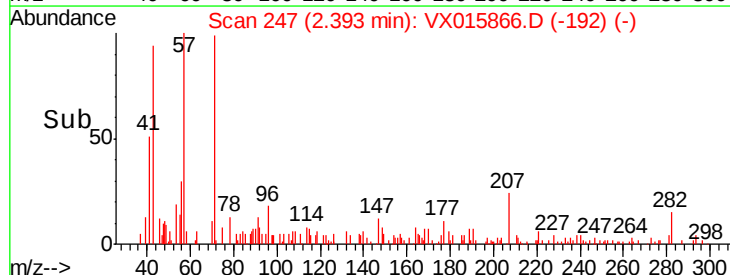
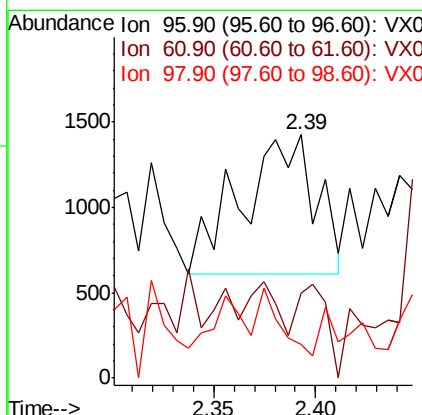
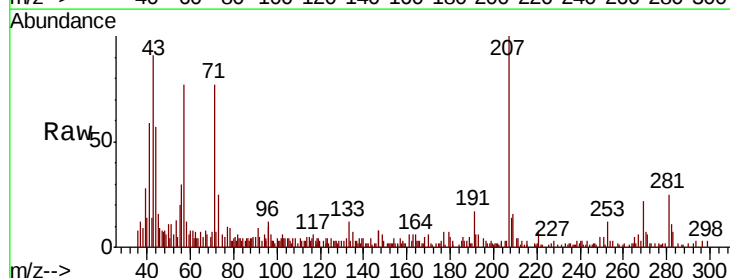
Tot Ion: 59 Resp: 134620
Ion Ratio Lower Upper
59 100
57 12.2 8.2 12.2

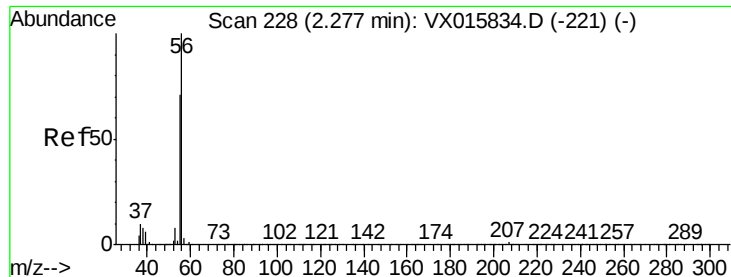


#12

1,1-Dichloroethene
Concen: 0.244 ug/l
RT: 2.39 min Scan# 247
Delta R.T. 0.04 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion: 96 Resp: 2078
Ion Ratio Lower Upper
96 100
61 60.8 135.0 202.6#
98 22.8 50.6 76.0#

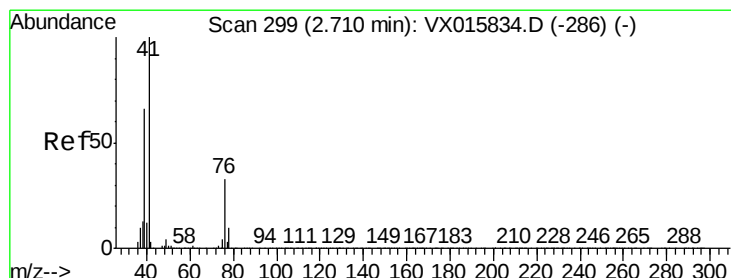
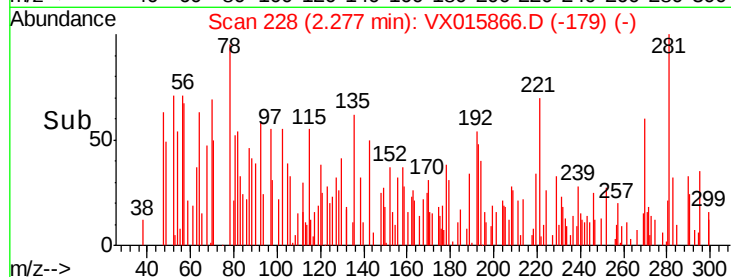
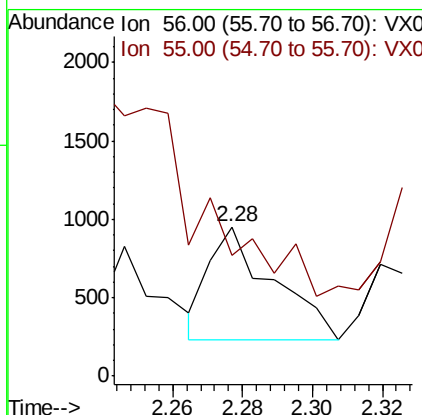
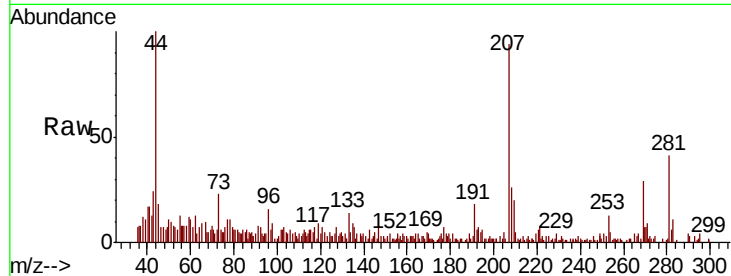




#13
Acrolein
Concen: 0.682 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

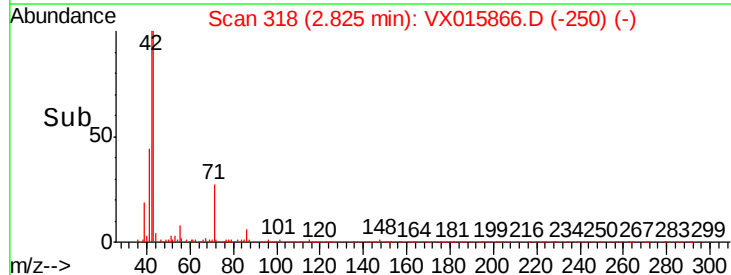
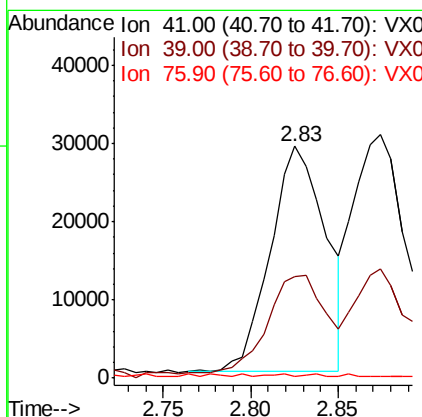
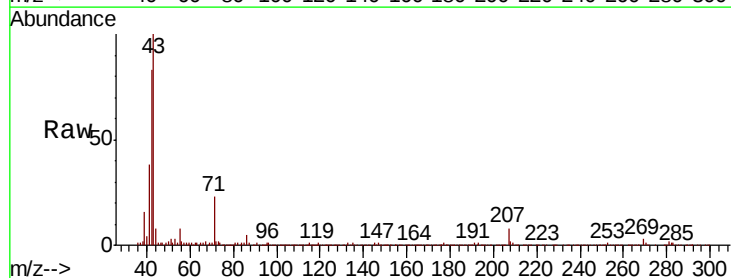
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

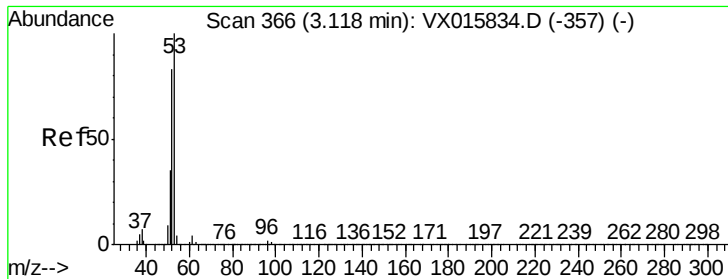
Tot Ion: 56 Resp: 911
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#



#14
Allyl chloride
Concen: 3.518 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.12 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion: 41 Resp: 63575
Ion Ratio Lower Upper
41 100
39 45.2 48.4 72.6#
76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 2.367 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.03 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

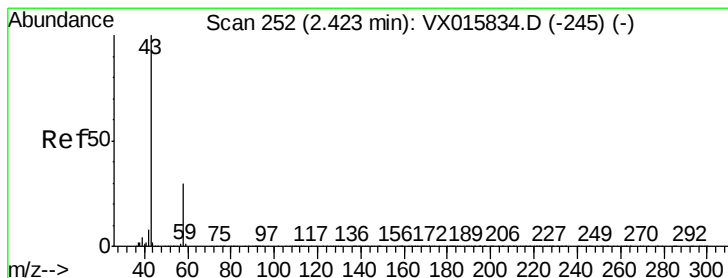
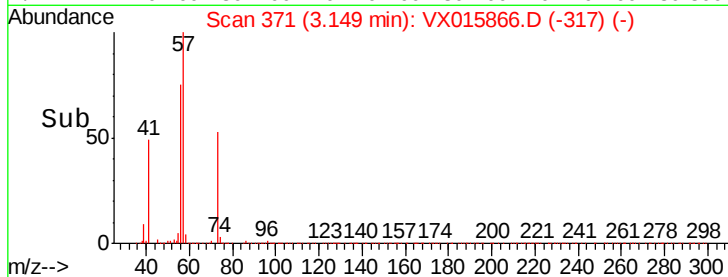
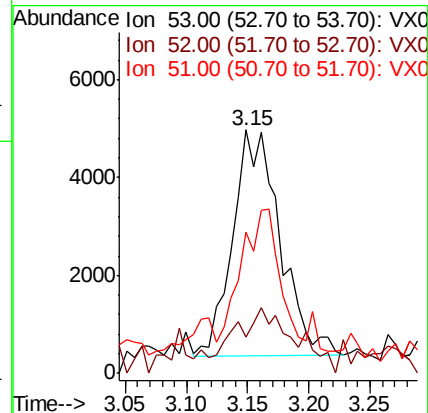
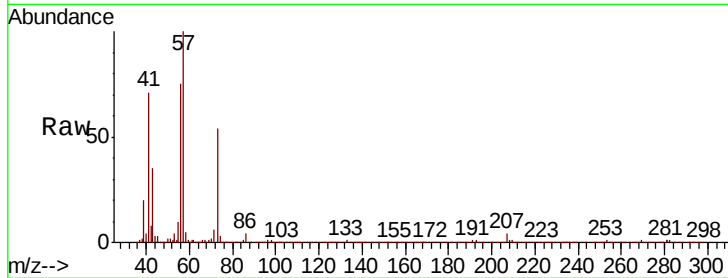
Tot Ion: 53 Resp: 12394

Ion Ratio Lower Upper

53 100

52 36.7 66.2 99.4#

51 49.1 28.6 43.0#



#16

Acetone

Concen: 6.959 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.00 min

Lab File: VX015866.D

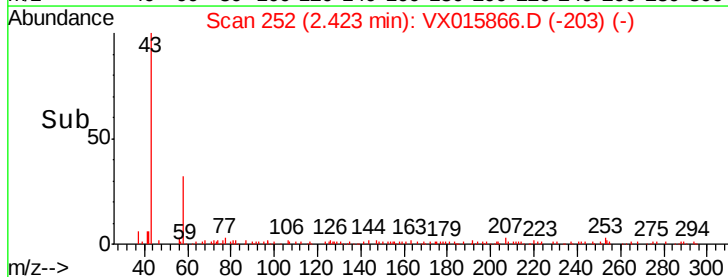
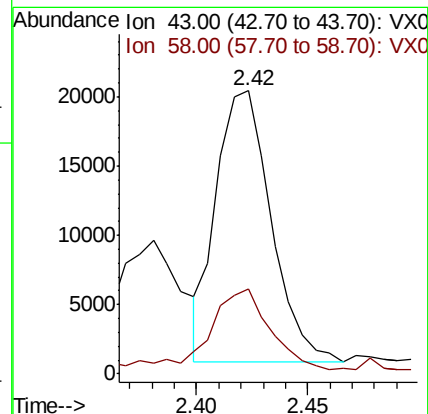
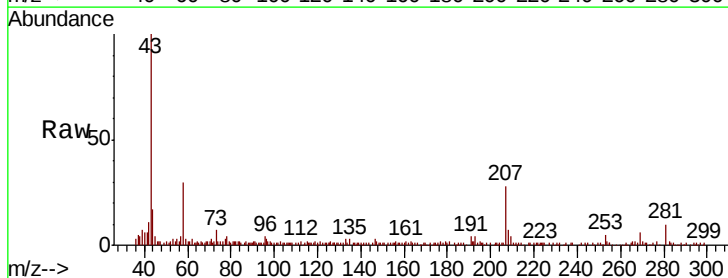
Acq: 23 Apr 2020 02:04

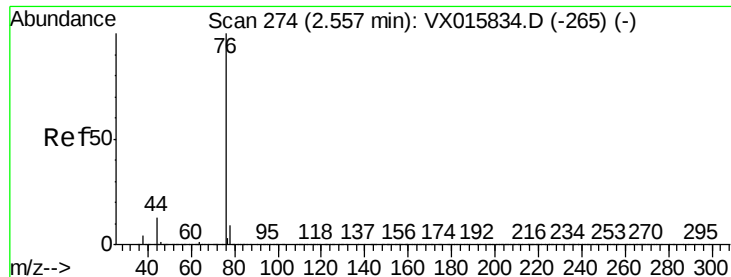
Tgt Ion: 43 Resp: 33461

Ion Ratio Lower Upper

43 100

58 29.2 24.0 36.0





#17

Carbon Disulfide

Concen: 0.673 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

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ClientSampleId :

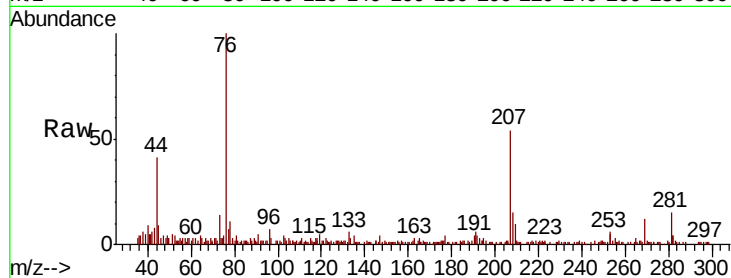
KY001MW078-200421

Tot Ion: 76 Resp: 20774

Ion Ratio Lower Upper

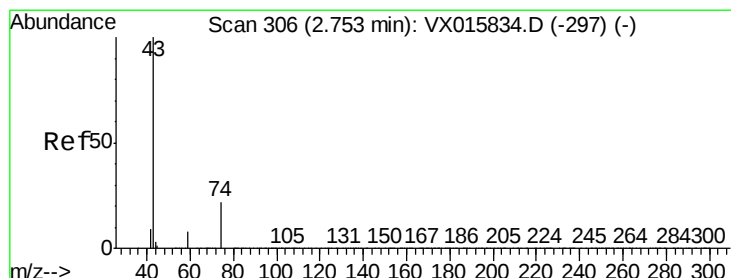
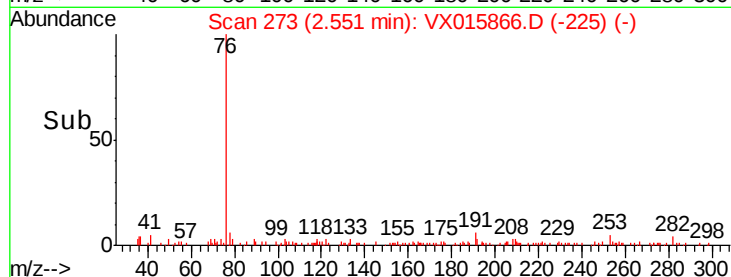
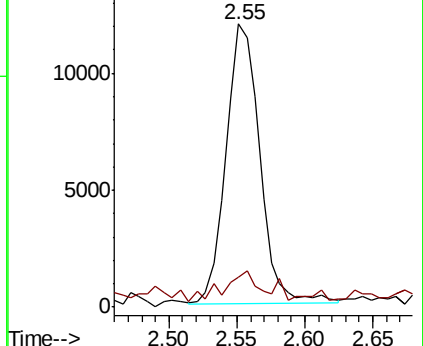
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 10.290 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX015866.D

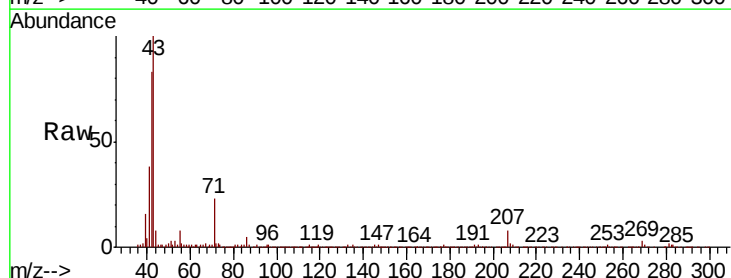
Acq: 23 Apr 2020 02:04

Tgt Ion: 43 Resp: 163349

Ion Ratio Lower Upper

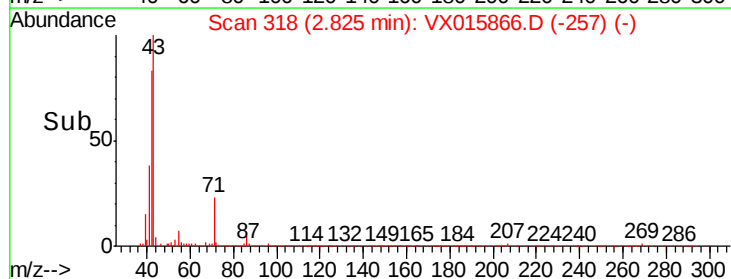
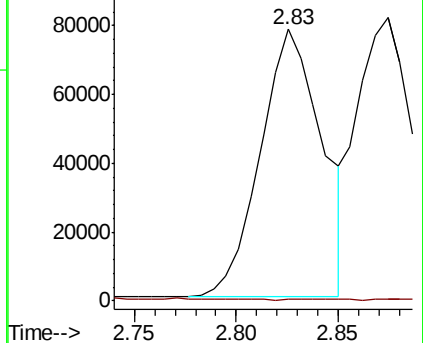
43 100

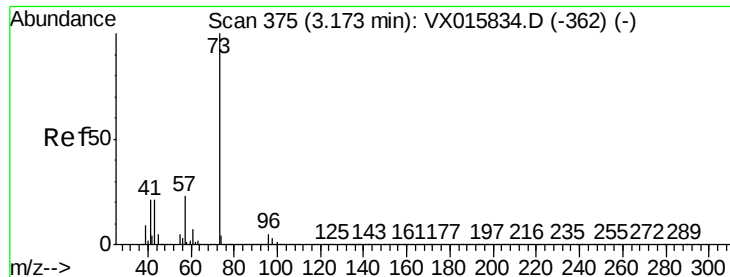
74 0.1 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

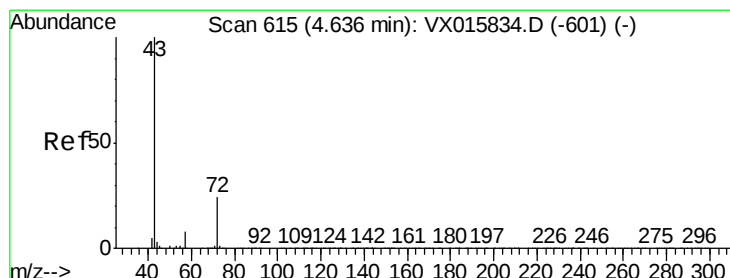
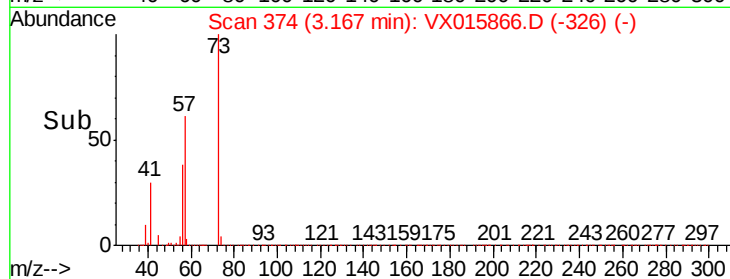
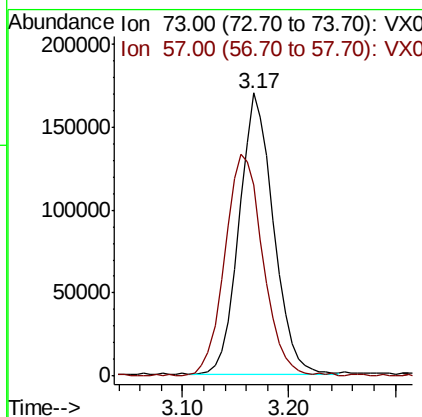
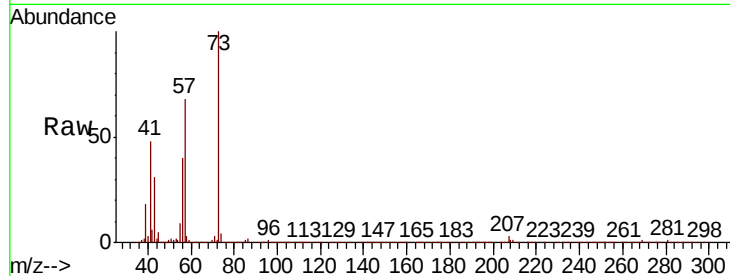




#19
Methvl tert-butvl Ether
Concen: 12.765 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

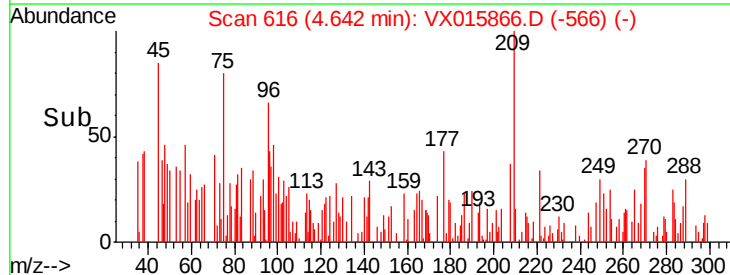
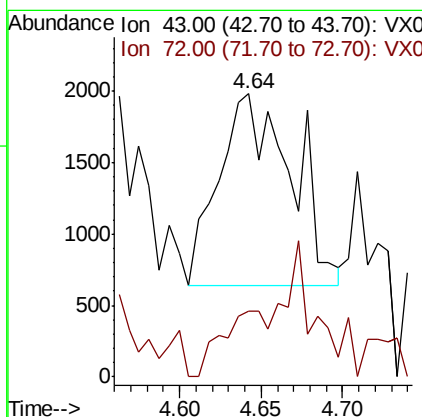
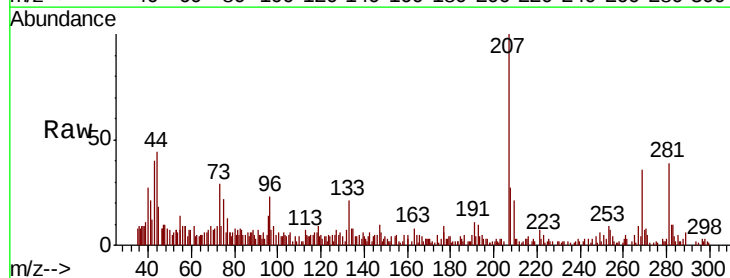
Instrument :
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ClientSampleId :
KY001MW078-200421

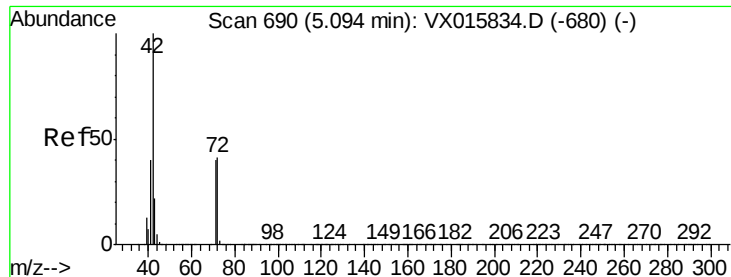
Tot Ion: 73 Resp: 383226
Ion Ratio Lower Upper
73 100
57 67.7 18.1 27.1#



#25
2-Butanone
Concen: 0.546 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion: 43 Resp: 4150
Ion Ratio Lower Upper
43 100
72 34.3 19.4 29.2#

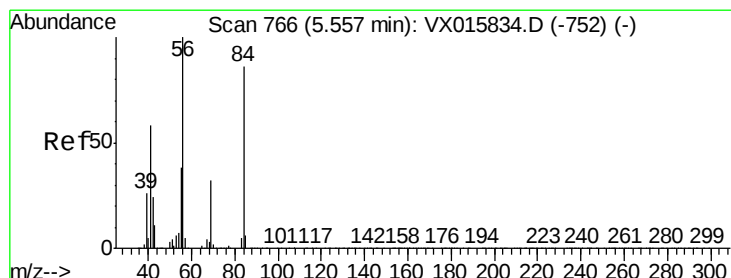
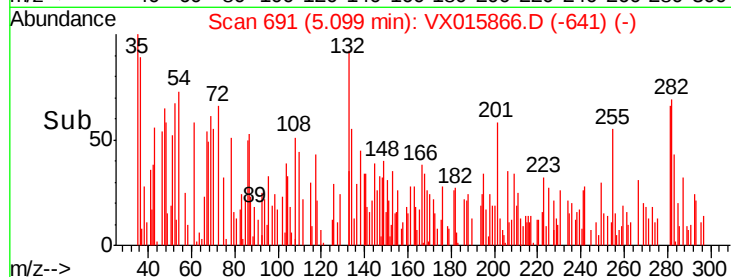
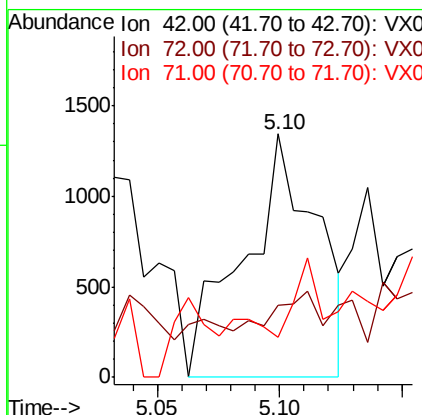
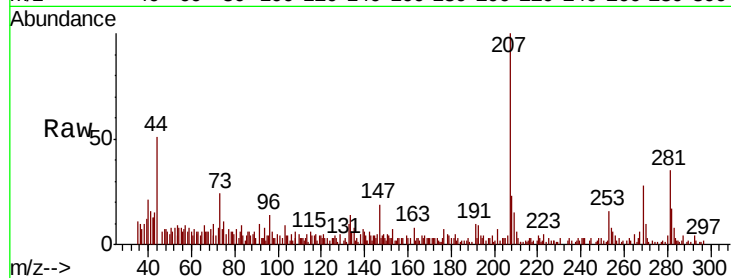




#29
Tetrahydrofuran
Concen: 0.556 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

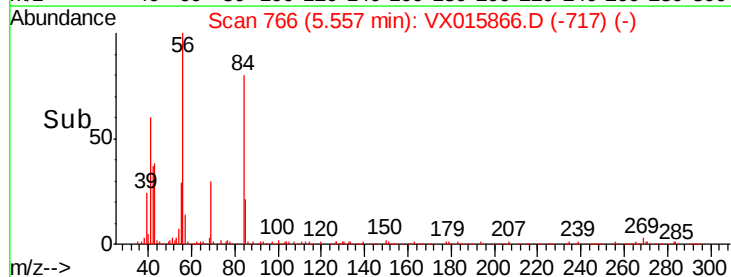
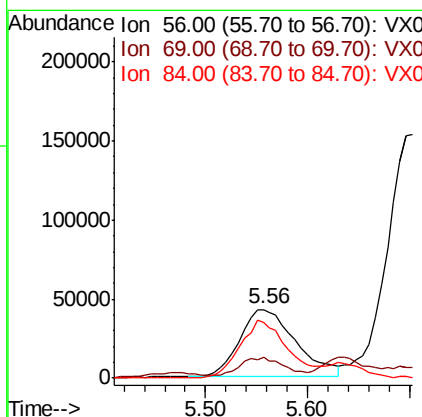
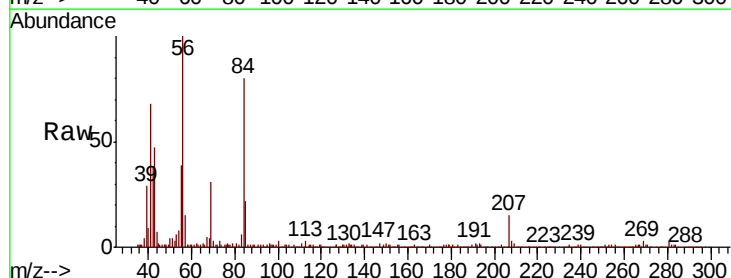
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

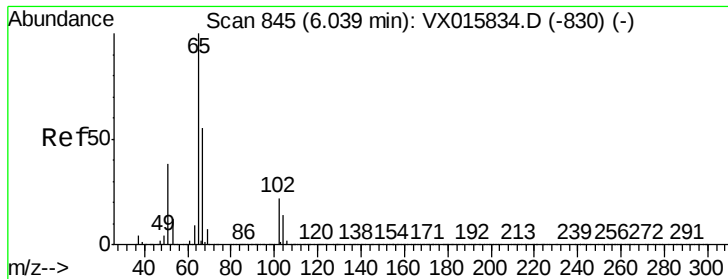
Tot Ion: 42 Resp: 2795
Ion Ratio Lower Upper
42 100
72 25.7 33.0 49.6#
71 0.0 30.6 45.8#



#31
Cyclohexane
Concen: 10.013 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion: 56 Resp: 161549
Ion Ratio Lower Upper
56 100
69 24.6 25.3 37.9#
84 81.2 69.1 103.7





#33

1,2-Dichloroethane-d4

Concen: 49.495 ug/l

RT: 6.04 min Scan# 845

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

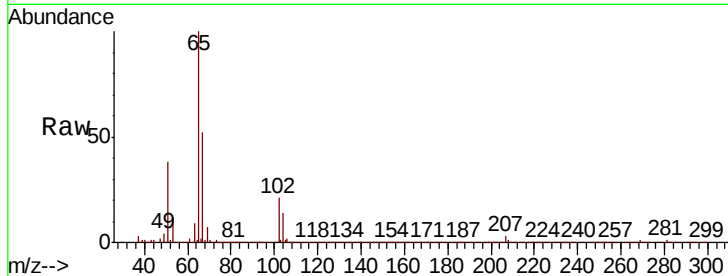
KY001MW078-200421

Tot Ion: 65 Resp: 546584

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

250000

200000

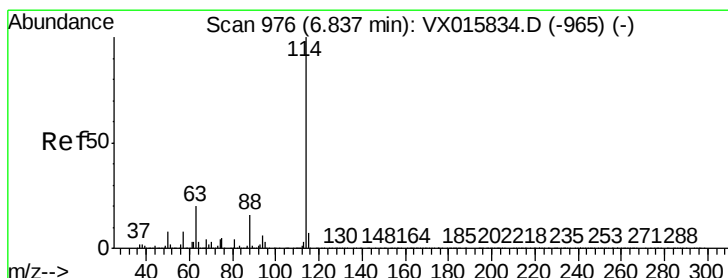
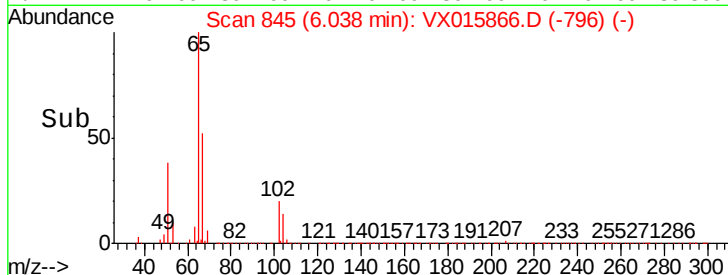
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

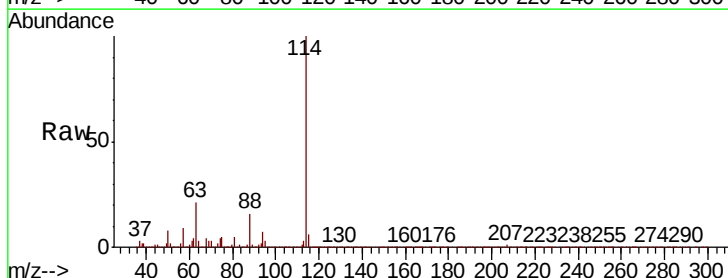
Tgt Ion: 114 Resp: 1506470

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

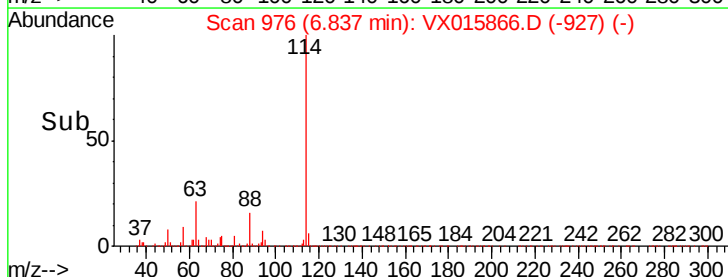
600000

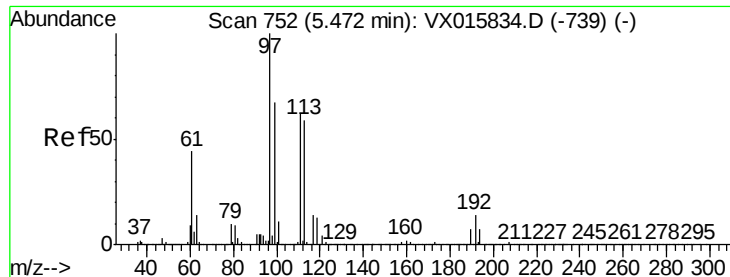
400000

200000

0

Time-->

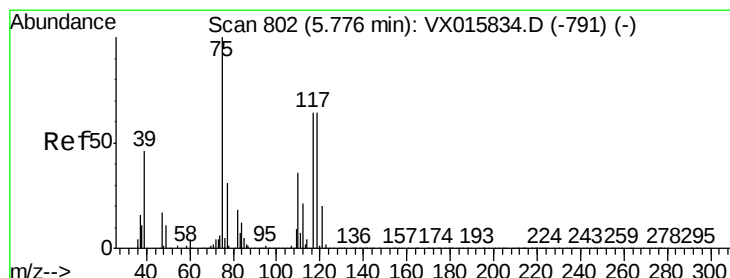
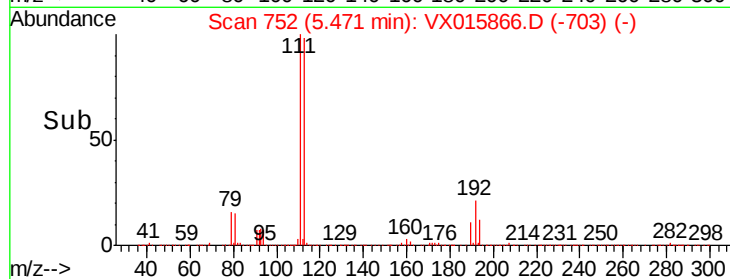
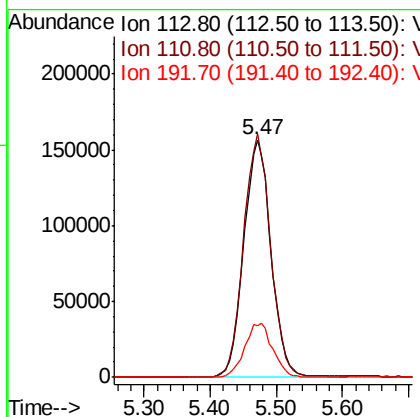
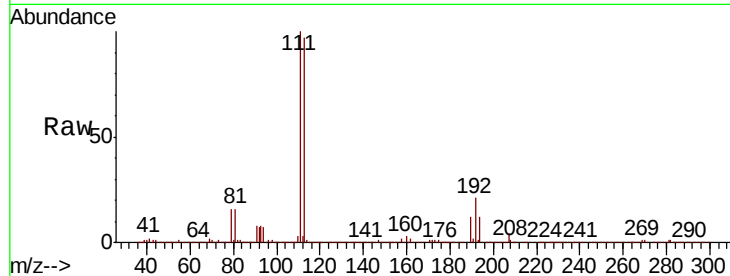




#35
 Dibromofluoromethane
 Concen: 51.439 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

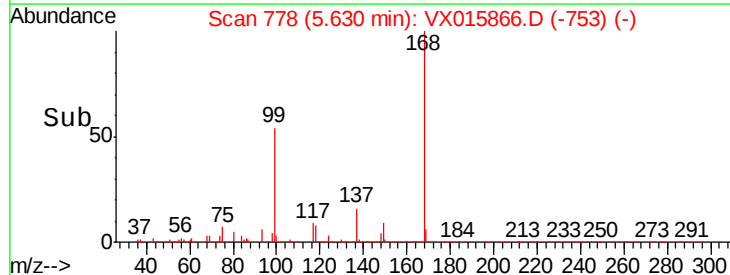
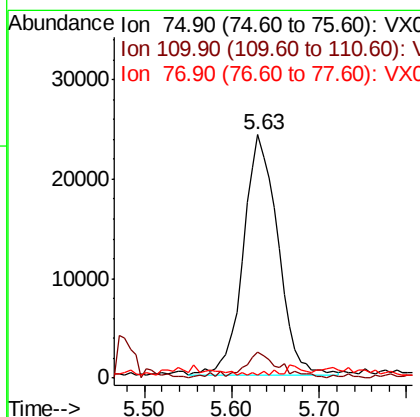
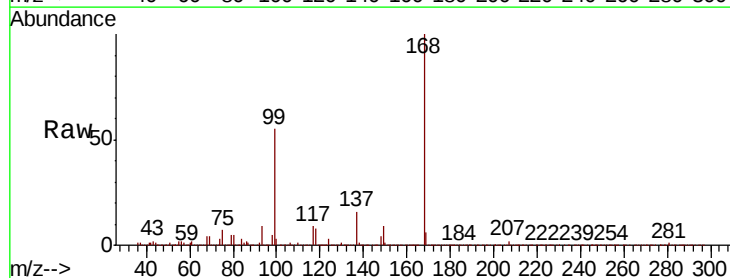
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421

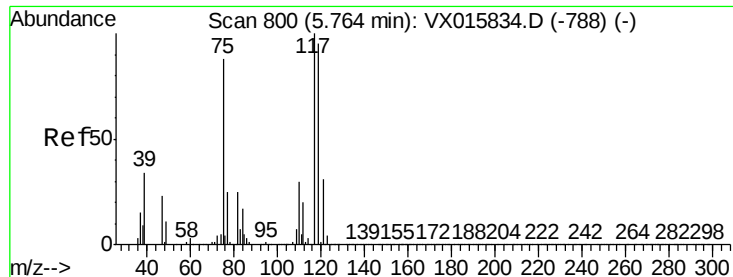
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	22.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.938 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.15 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.9	53.8#
77	0.3	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

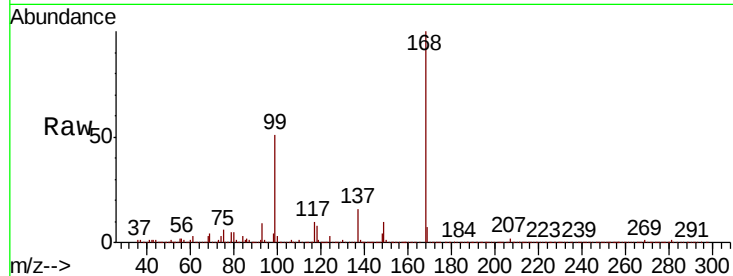
Tot Ion:117 Resp: 88388

Ion Ratio Lower Upper

117 100

119 5.4 75.7 113.5#

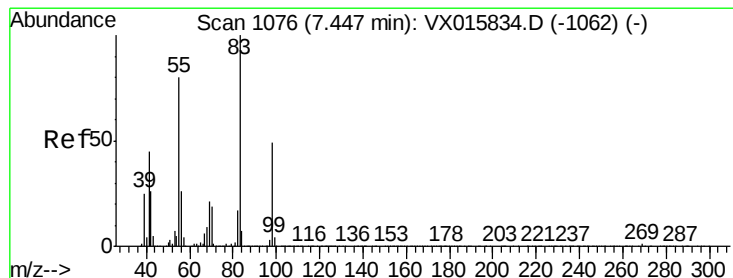
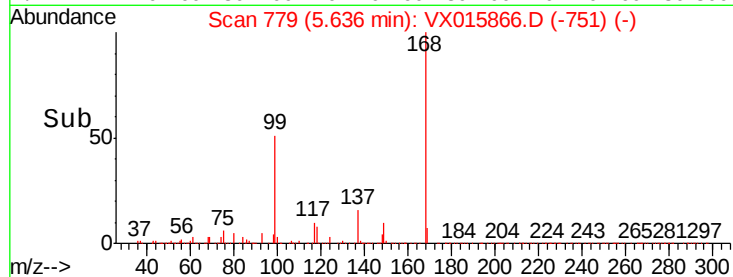
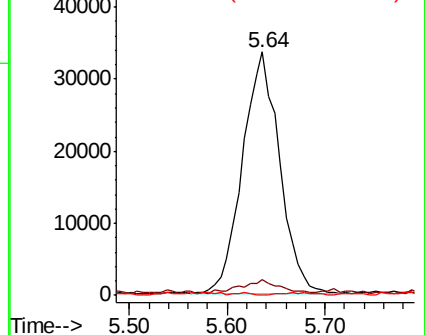
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 16.086 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

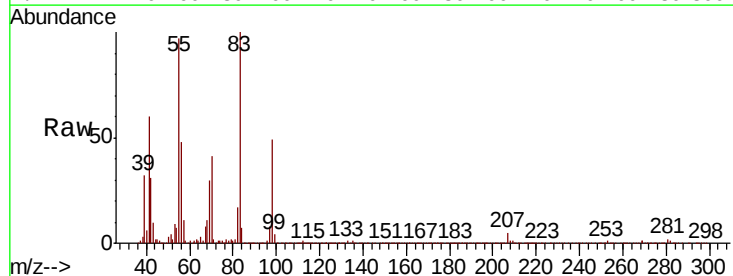
Tgt Ion: 83 Resp: 272049

Ion Ratio Lower Upper

83 100

55 96.5 64.2 96.4#

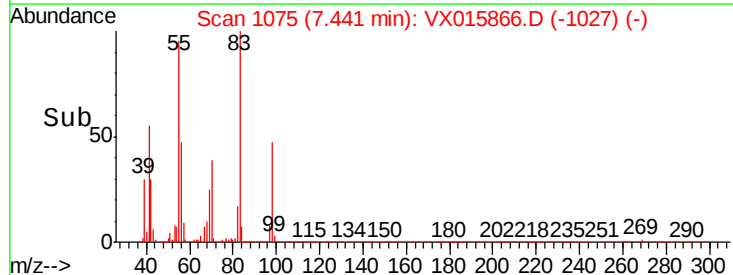
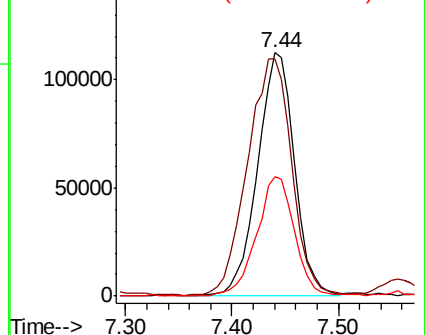
98 48.7 39.3 58.9

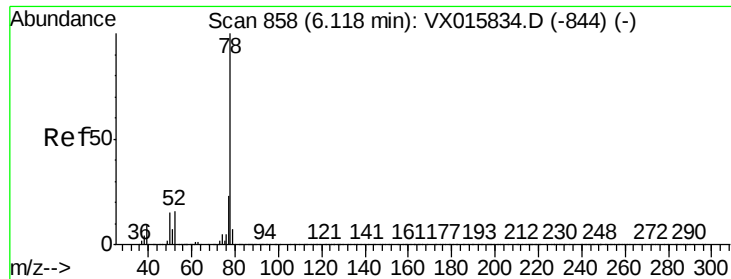


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 4.705 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

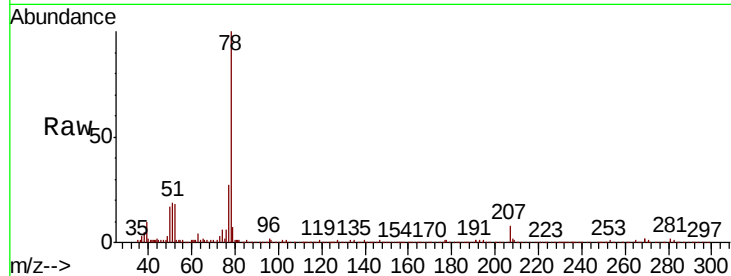
KY001MW078-200421

Tot Ion: 78 Resp: 189250

Ion Ratio Lower Upper

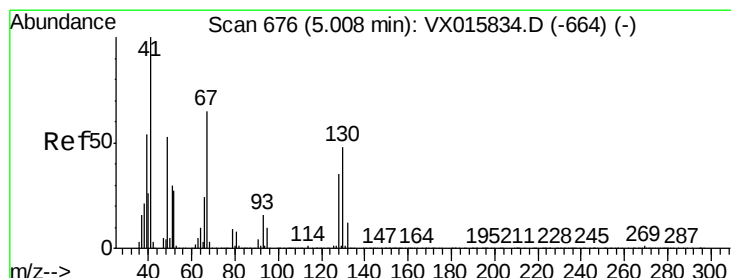
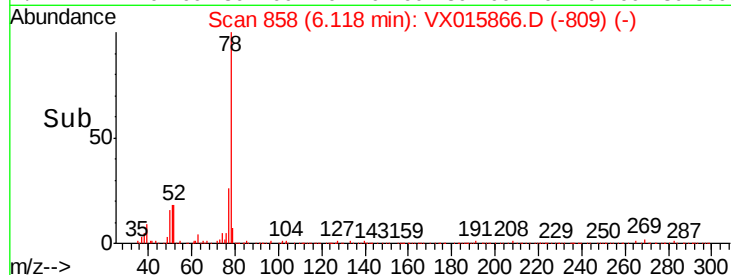
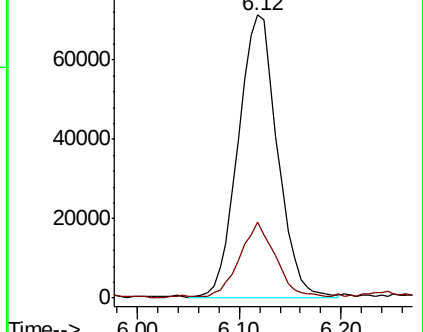
78 100

77 26.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.201 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.03 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Tgt Ion: 41 Resp: 1777

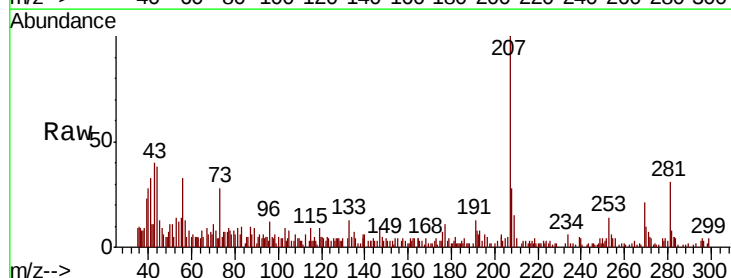
Ion Ratio Lower Upper

41 100

39 0.0 42.4 63.6#

67 64.5 51.9 77.9

52 40.1 21.0 31.4#

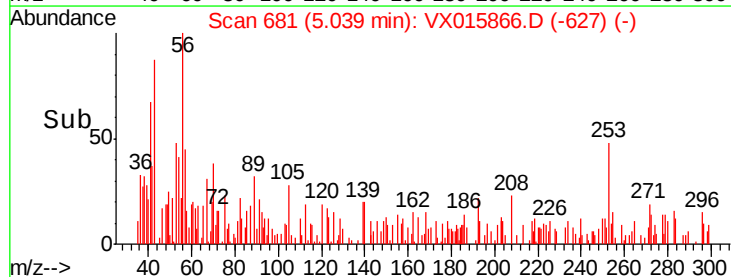
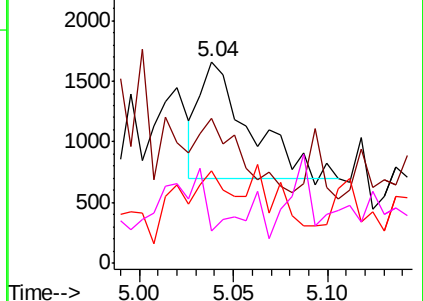


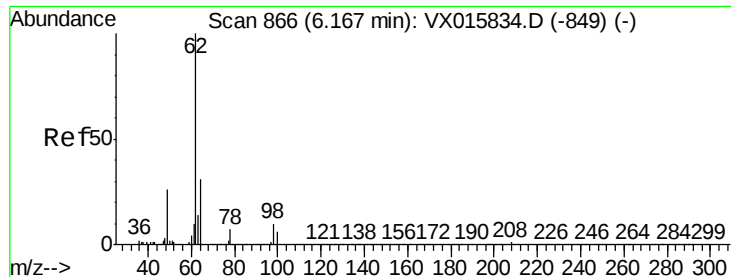
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 0.295 ug/l

RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

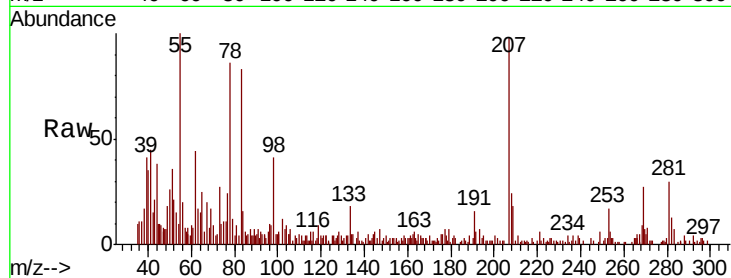
KY001MW078-200421

Tot Ion: 62 Resp: 4274

Ion Ratio Lower Upper

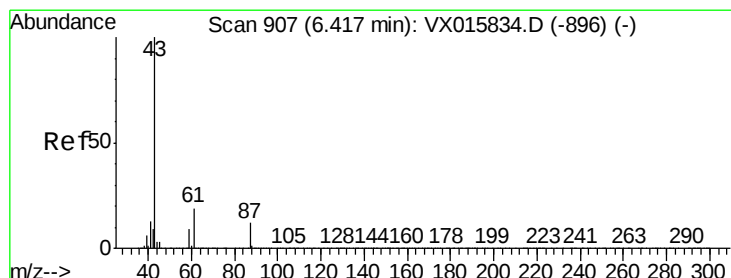
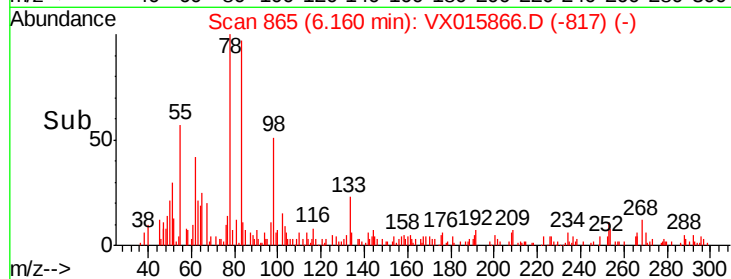
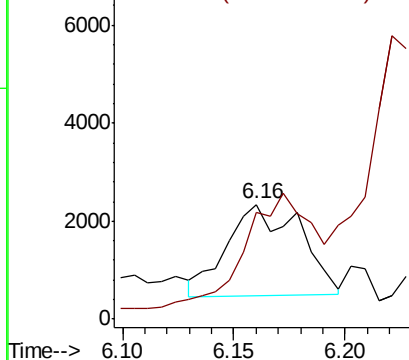
62 100

98 119.4 0.0 20.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.631 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

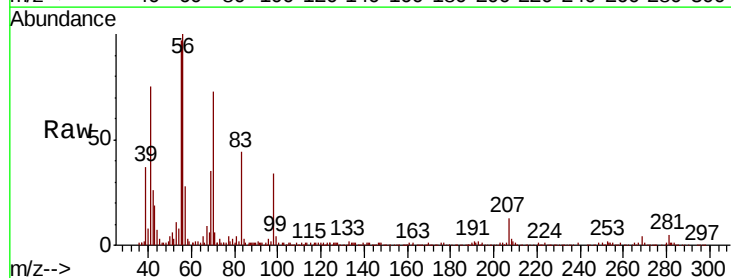
Tgt Ion: 43 Resp: 16908

Ion Ratio Lower Upper

43 100

61 3.3 15.4 23.2#

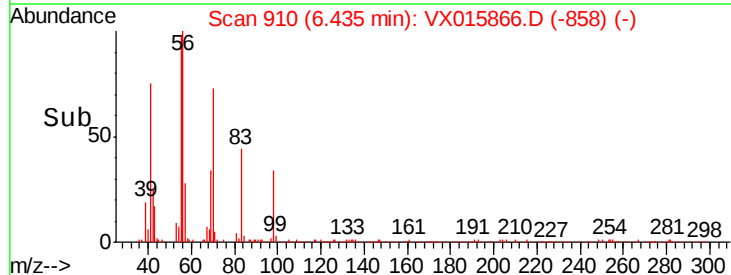
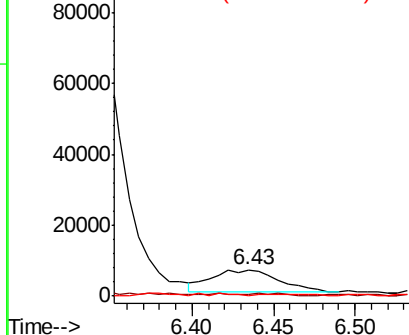
87 0.0 9.8 14.6#

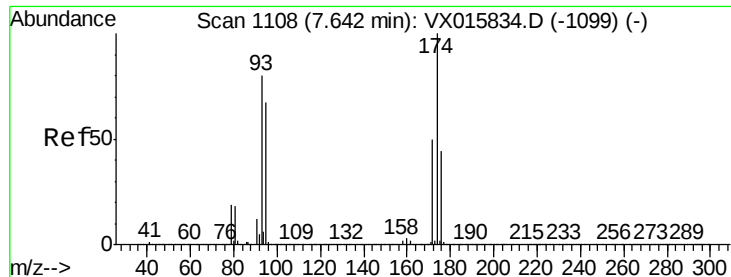


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#46

Dibromomethane

Concen: 0.204 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

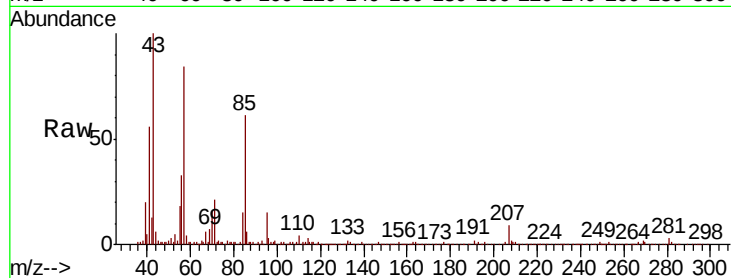
Tot Ion: 93 Resp: 1568

Ion Ratio Lower Upper

93 100

95 1656.3 65.8 98.8#

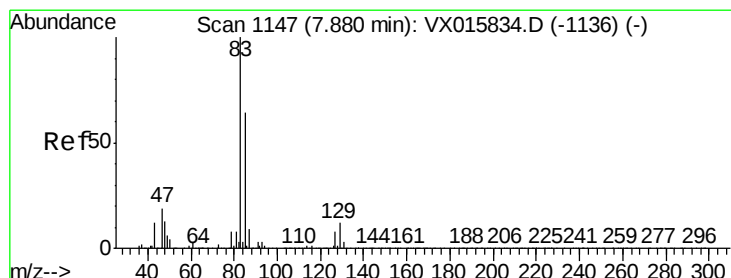
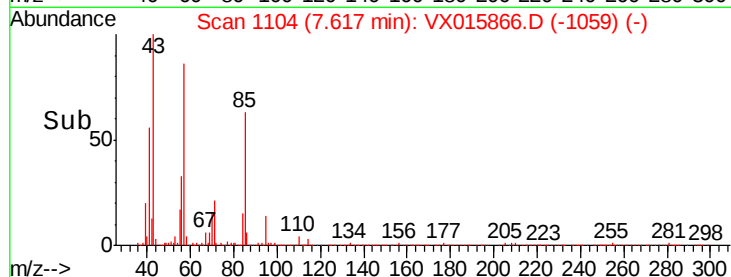
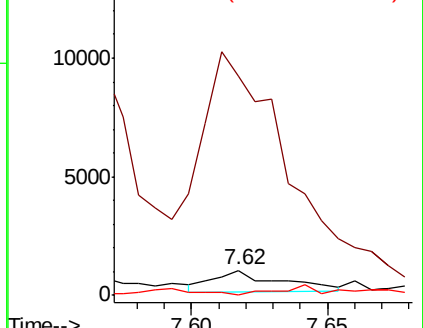
174 0.0 95.6 143.4#



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: 0.642 ug/l

RT: 7.82 min Scan# 1137

Delta R.T. -0.06 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

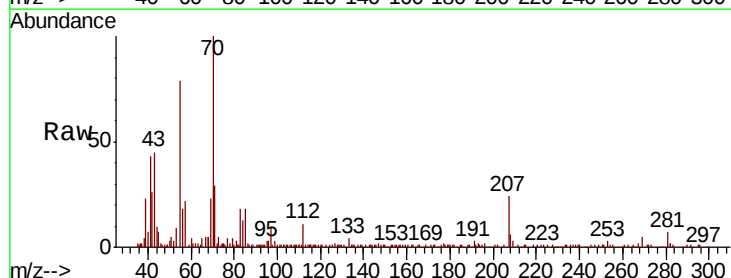
Tgt Ion: 83 Resp: 8782

Ion Ratio Lower Upper

83 100

85 100.7 50.8 76.2#

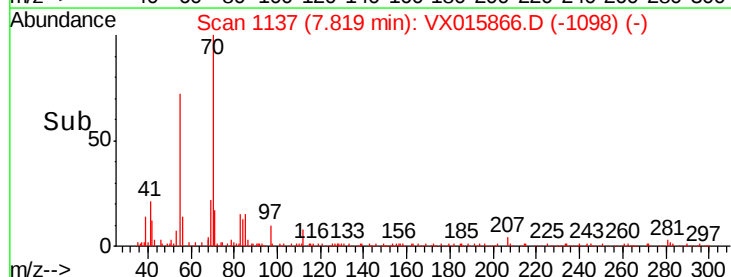
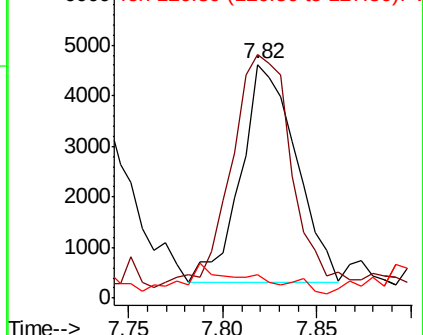
127 6.3 6.6 10.0#

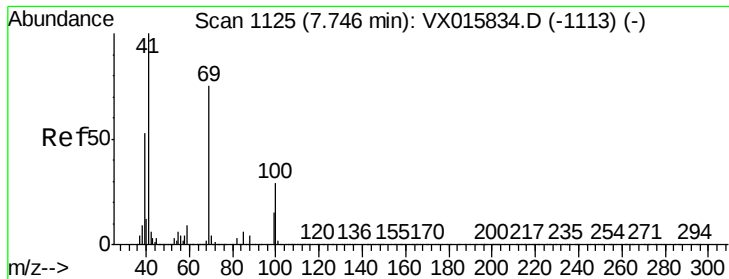


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

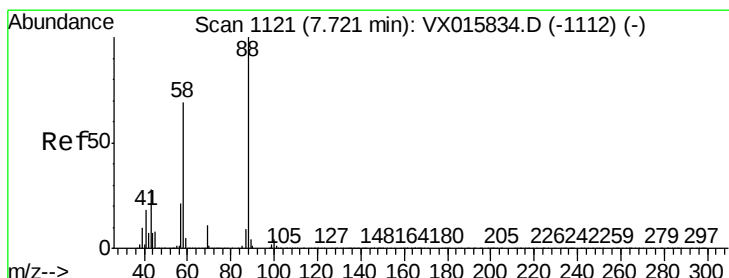
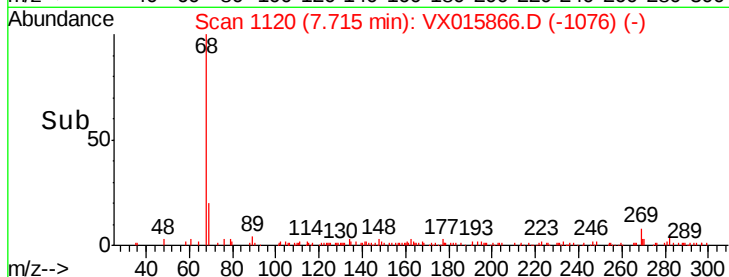
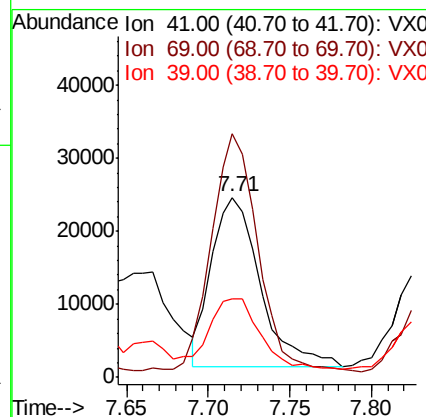
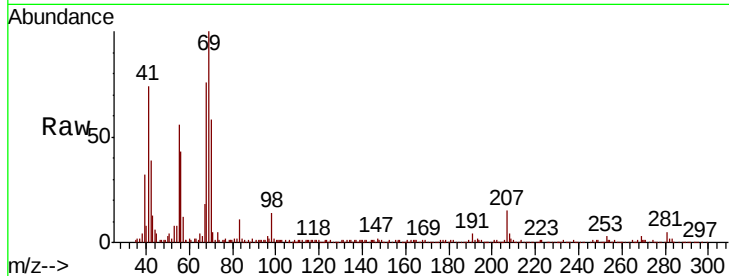




#48
Methyl methacrylate
Concen: 3.684 ug/l
RT: 7.71 min Scan# 1120
Delta R.T. -0.03 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

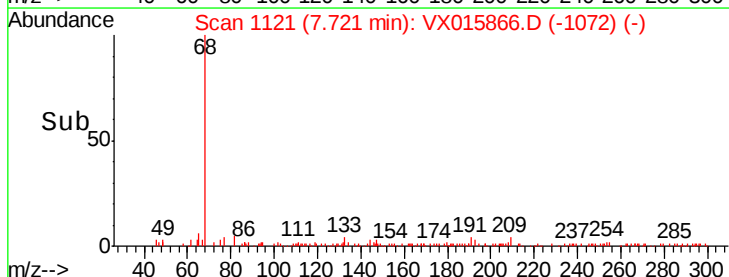
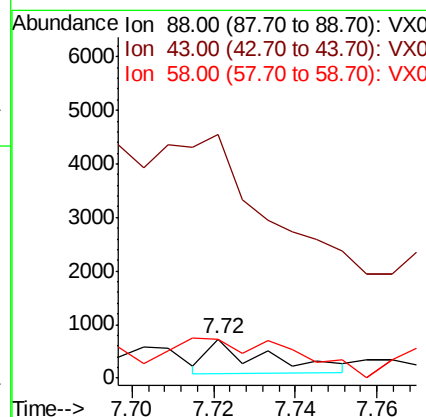
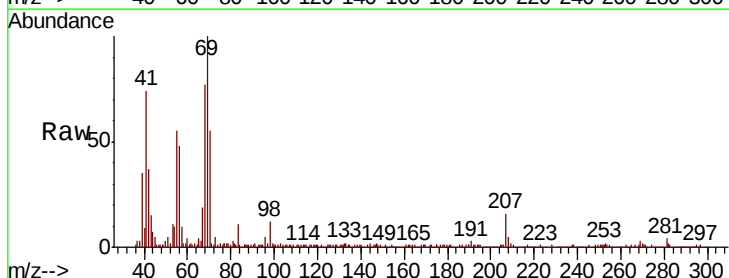
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

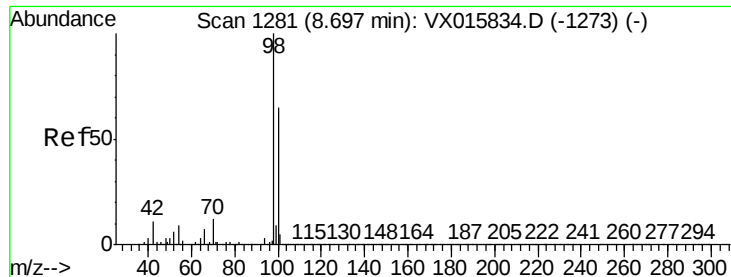
Tot Ion: 41 Resp: 48585
Ion Ratio Lower Upper
41 100
69 135.5 60.5 90.7#
39 43.8 42.1 63.1



#49
1,4-Dioxane
Concen: 2.628 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion: 88 Resp: 655
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 243.5 58.9 88.3#





#50

Toluene-d8

Concen: 51.674 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

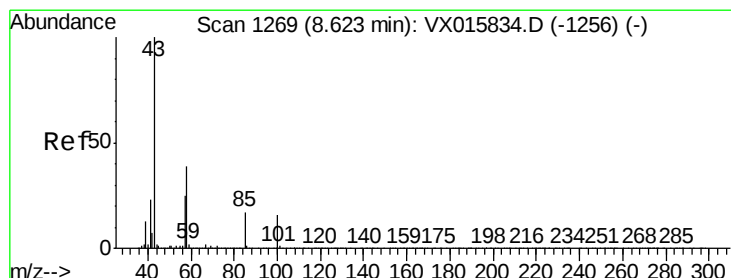
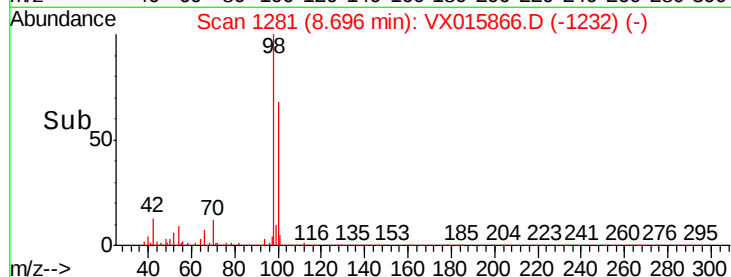
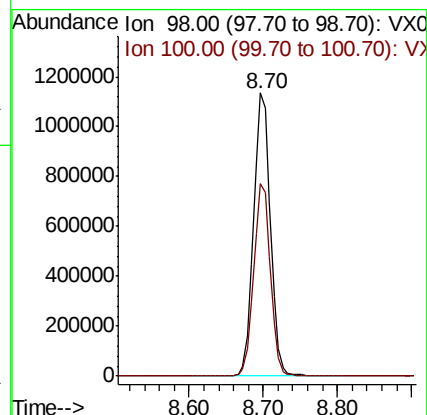
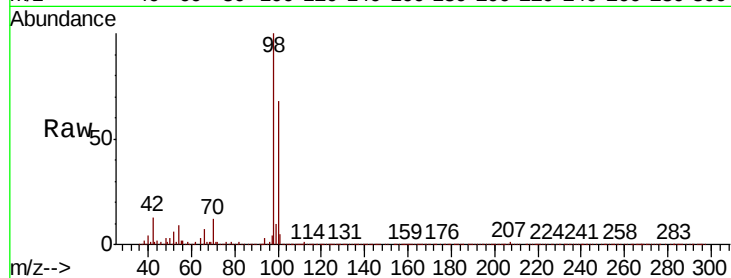
KY001MW078-200421

Tot Ion: 98 Resp: 1808899

Ion Ratio Lower Upper

98 100

100 67.1 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 1.093 ug/l

RT: 8.67 min Scan# 1276

Delta R.T. 0.04 min

Lab File: VX015866.D

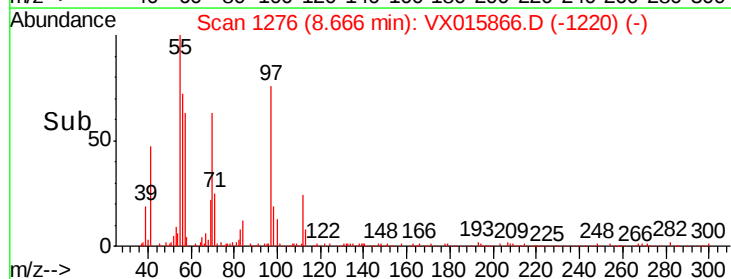
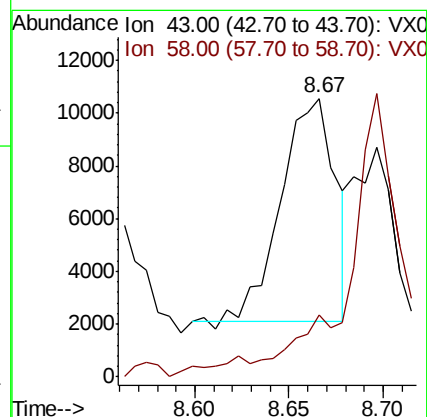
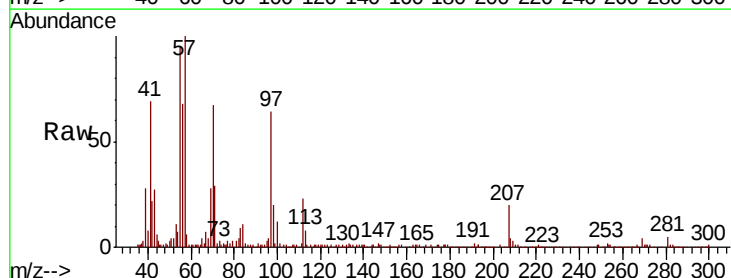
Acq: 23 Apr 2020 02:04

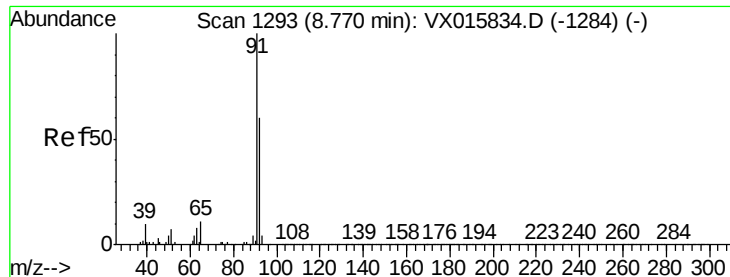
Tgt Ion: 43 Resp: 16916

Ion Ratio Lower Upper

43 100

58 0.0 30.6 45.8#





#52

Toluene

Concen: 0.513 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

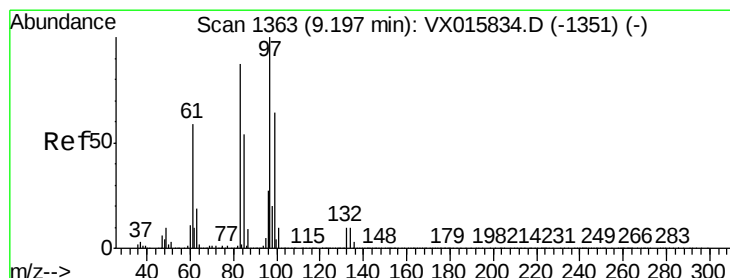
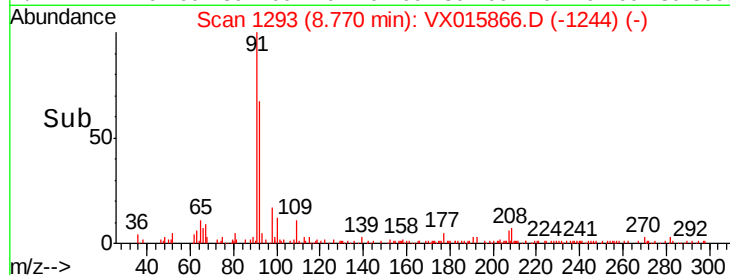
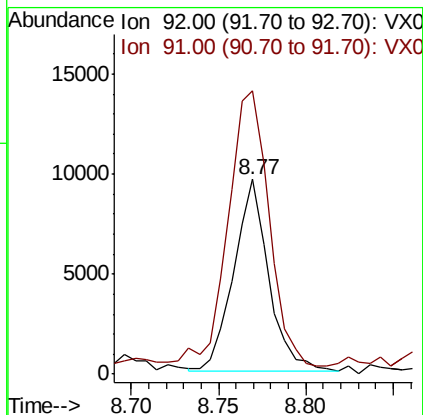
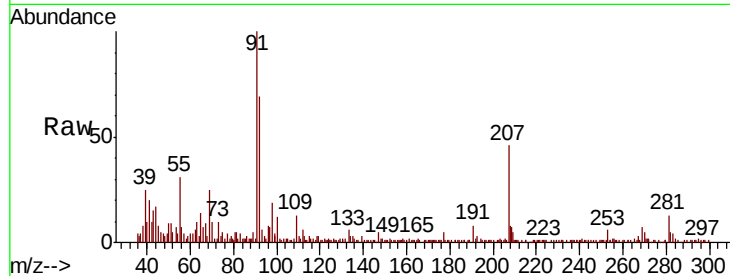
KY001MW078-200421

Tot Ion: 92 Resp: 13218

Ion Ratio Lower Upper

92 100

91 169.1 133.4 200.0



#55

1,1,2-Trichloroethane

Concen: 9.866 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Tgt Ion: 97 Resp: 99323

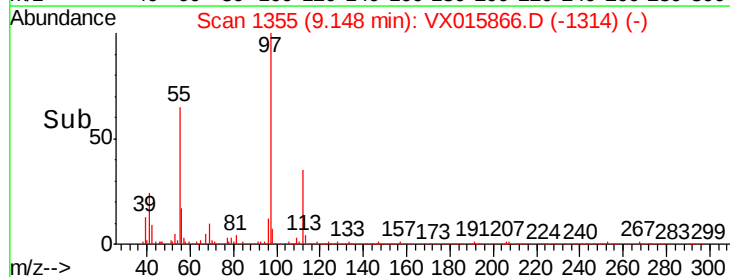
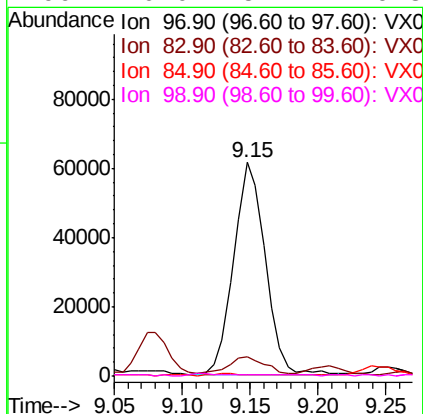
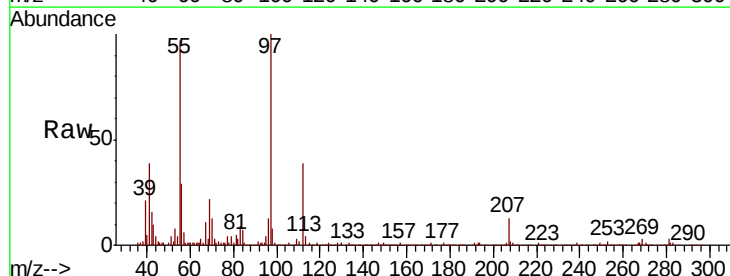
Ion Ratio Lower Upper

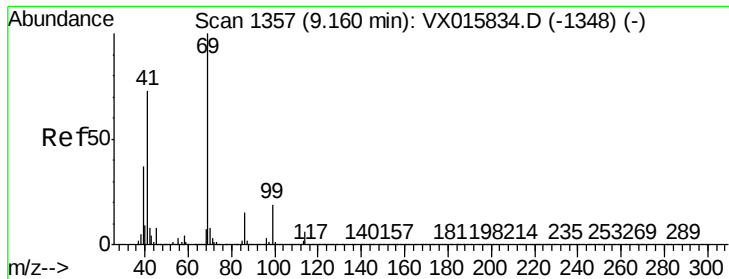
97 100

83 7.3 69.8 104.8#

85 0.2 43.4 65.2#

99 0.0 51.2 76.8#





#56

Ethyl methacrylate

Concen: 1.331 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

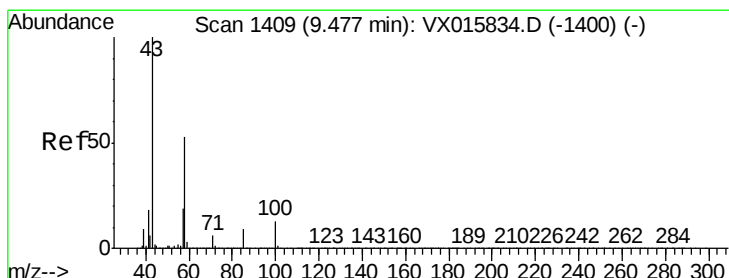
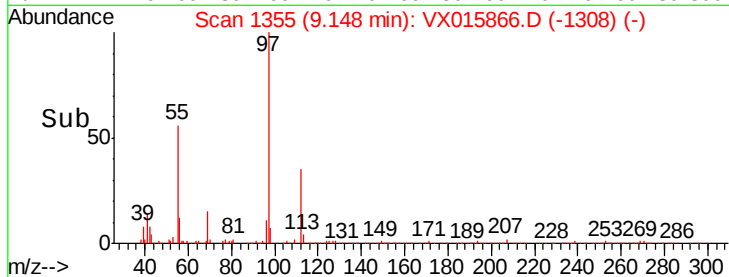
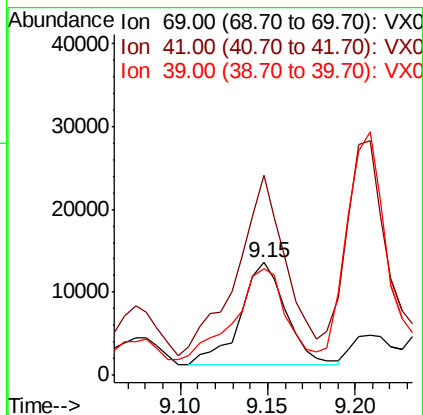
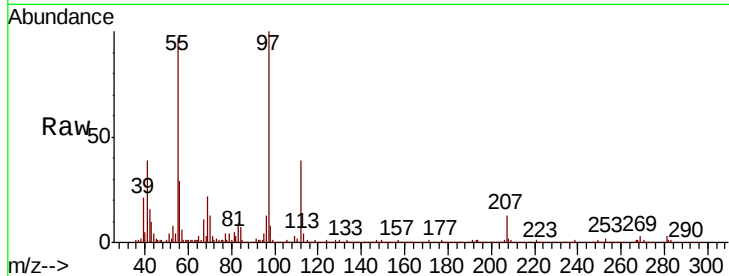
Tot Ion: 69 Resp: 22694

Ion Ratio Lower Upper

69 100

41 182.9 57.4 86.2#

39 96.7 29.7 44.5#



#59

2-Hexanone

Concen: 0.294 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX015866.D

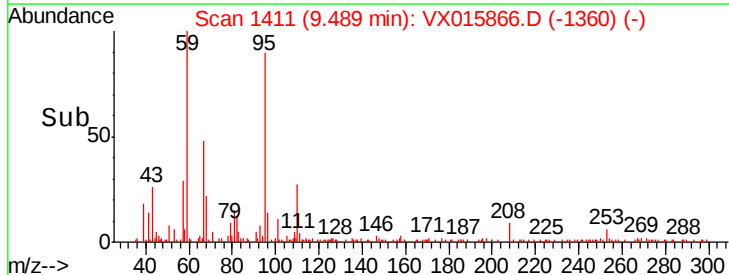
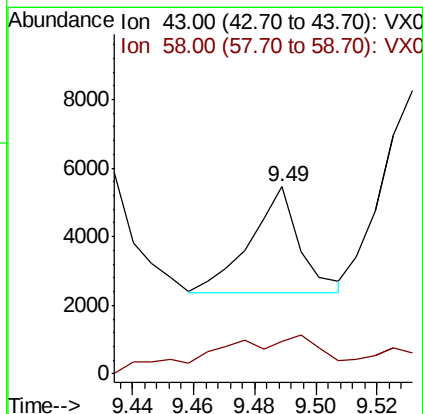
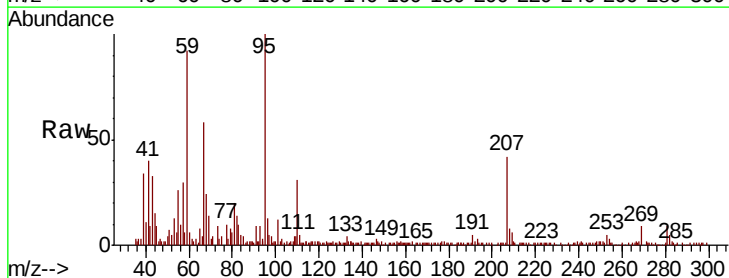
Acq: 23 Apr 2020 02:04

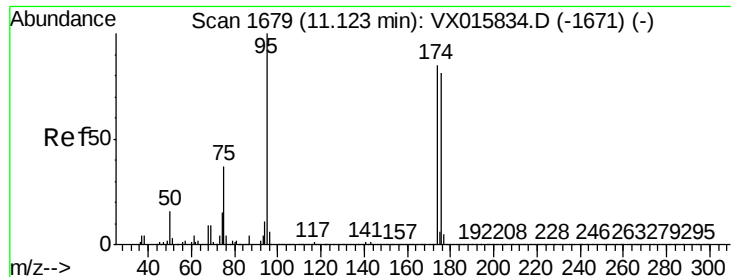
Tgt Ion: 43 Resp: 3465

Ion Ratio Lower Upper

43 100

58 49.0 26.5 79.4





#62

4-Bromofluorobenzene

Concen: 53.636 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

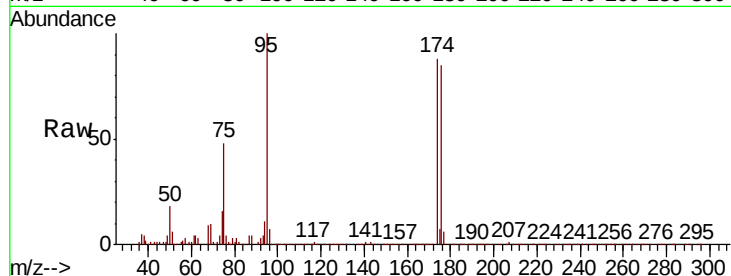
Tot Ion: 95 Resp: 770224

Ion Ratio Lower Upper

95 100

174 85.5 0.0 172.4

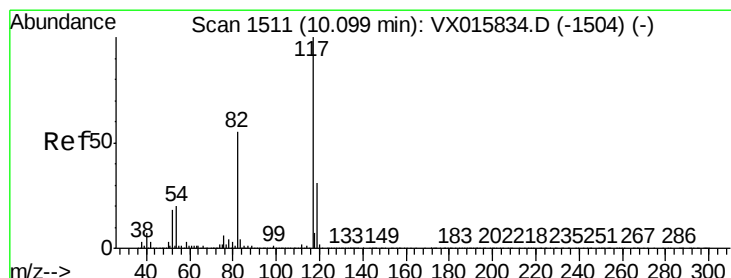
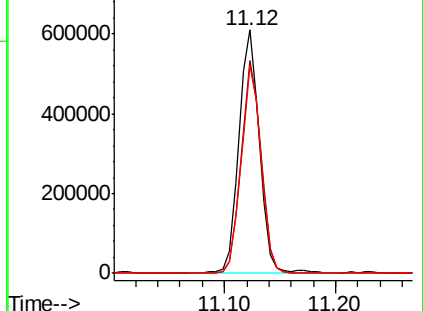
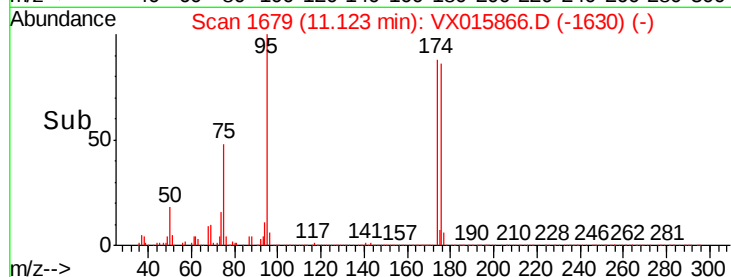
176 83.6 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX015866.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015866.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015866.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

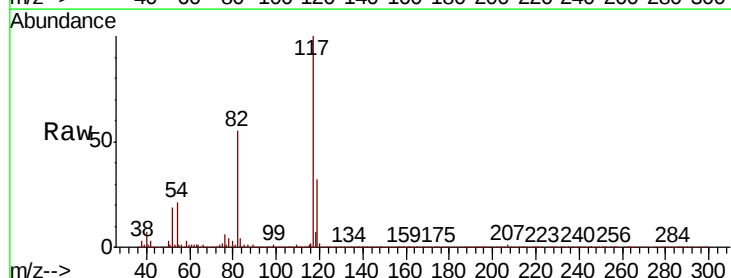
Tgt Ion: 117 Resp: 1449775

Ion Ratio Lower Upper

117 100

82 54.9 43.9 65.9

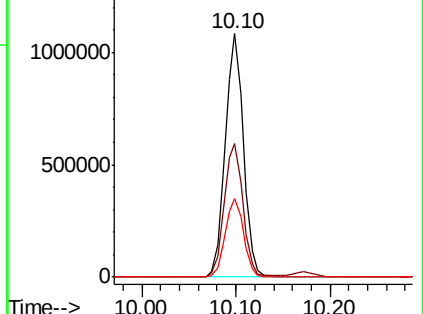
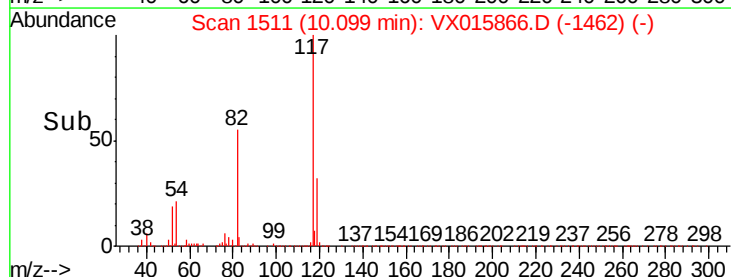
119 32.0 25.1 37.7

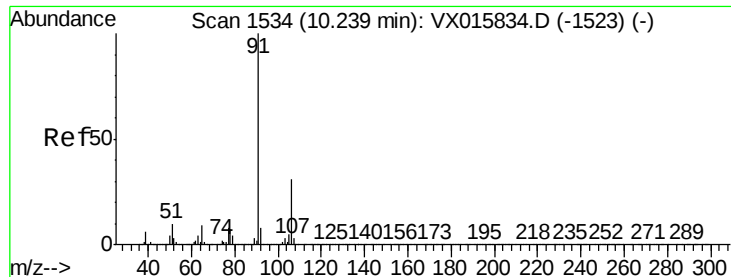


Abundance Ion 116.90 (116.60 to 117.60): VX015866.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015866.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015866.D (-1462) (-)





#67

Ethyl Benzene

Concen: 1.286 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

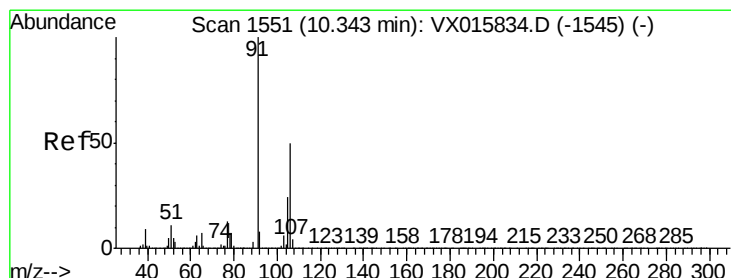
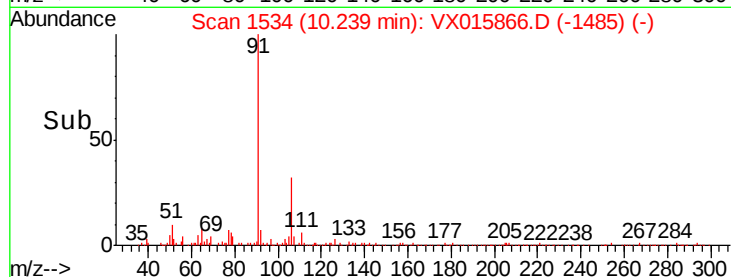
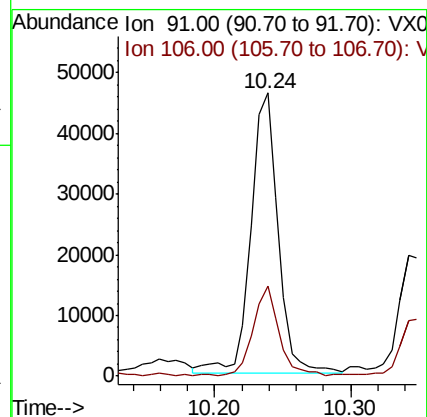
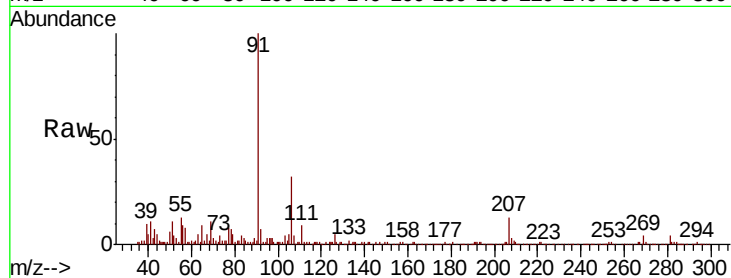
KY001MW078-200421

Tot Ion: 91 Resp: 65452

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.4



#68

m/p-Xylenes

Concen: 0.627 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015866.D

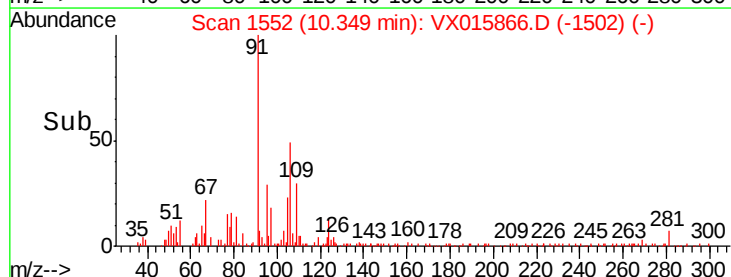
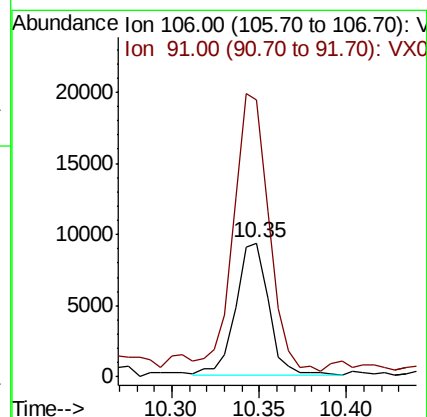
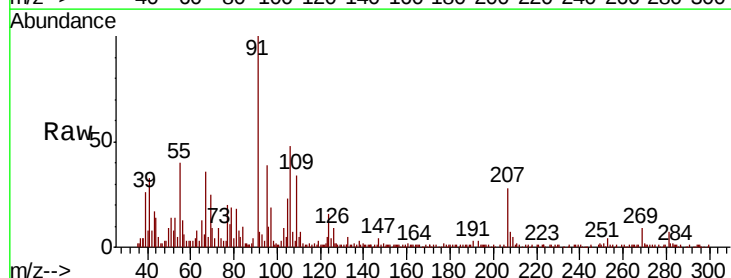
Acq: 23 Apr 2020 02:04

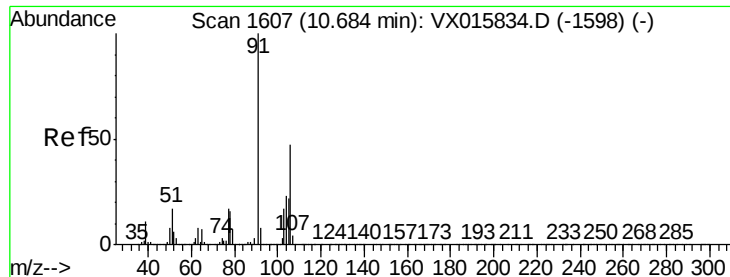
Tgt Ion: 106 Resp: 11986

Ion Ratio Lower Upper

106 100

91 226.9 161.1 241.7

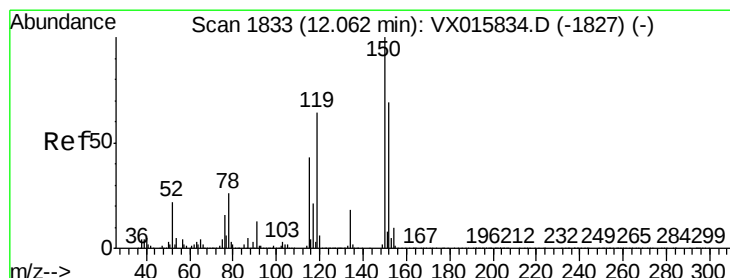
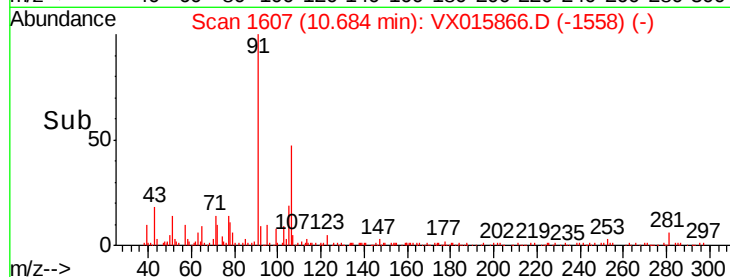
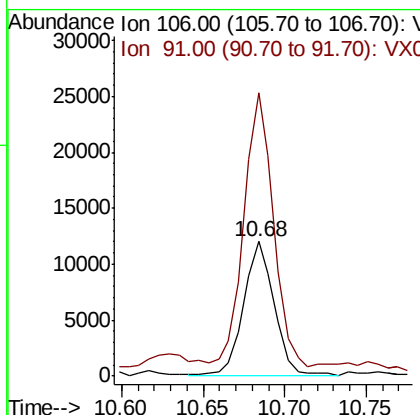
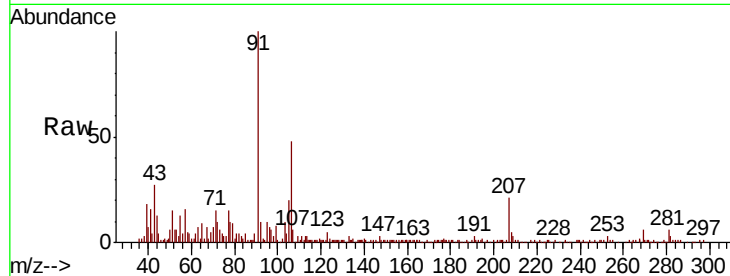




#69
o-Xylene
Concen: 0.848 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

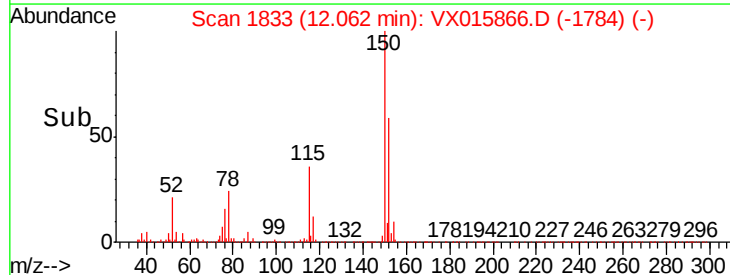
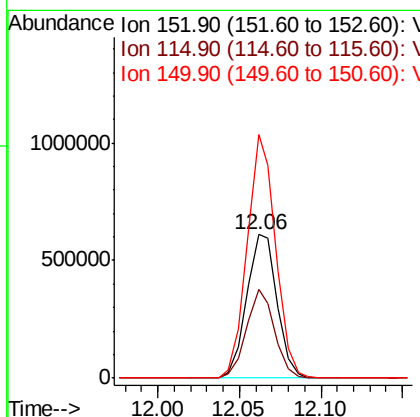
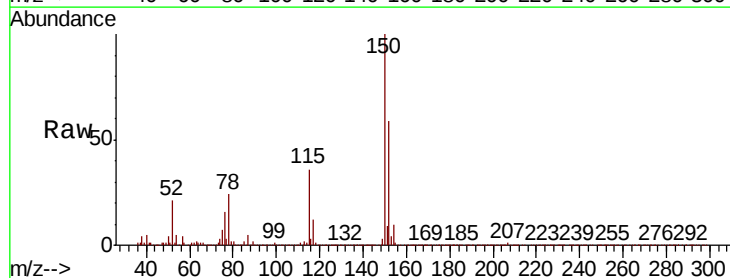
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421

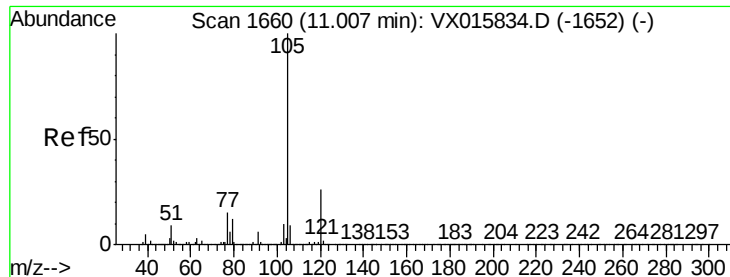
Tot Ion:106 Resp: 15940
Ion Ratio Lower Upper
106 100
91 195.2 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015866.D
Acq: 23 Apr 2020 02:04

Tgt Ion:152 Resp: 789099
Ion Ratio Lower Upper
152 100
115 57.5 39.0 116.9
150 159.3 0.0 336.8





#73

Isopropylbenzene

Concen: 51.746 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

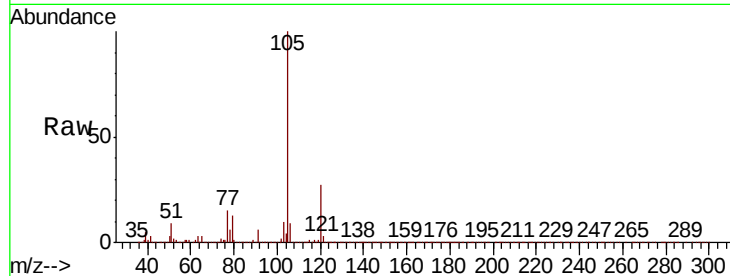
KY001MW078-200421

Tot Ion:105 Resp: 2593290

Ion Ratio Lower Upper

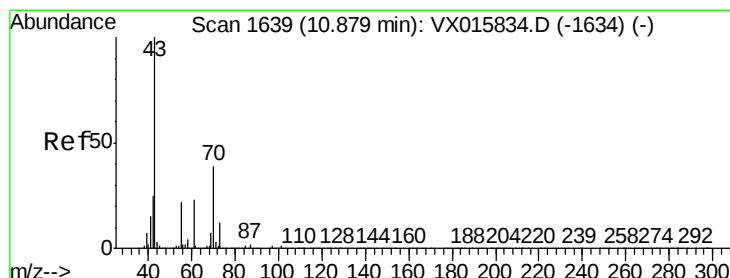
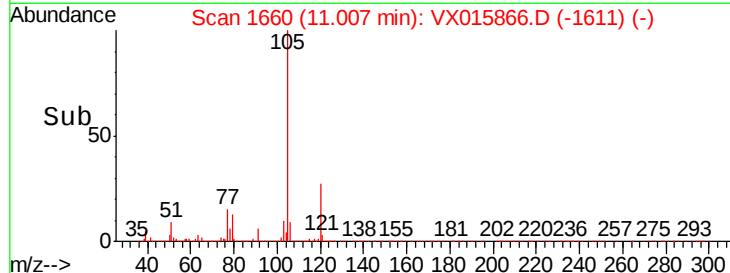
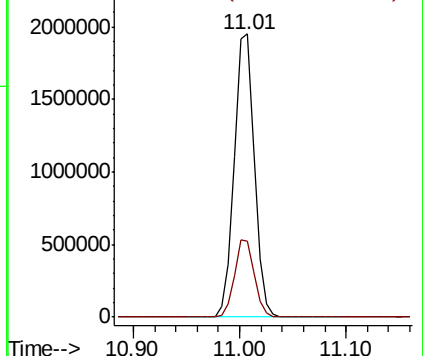
105 100

120 26.9 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: 0.362 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Tgt Ion: 43 Resp: 9356

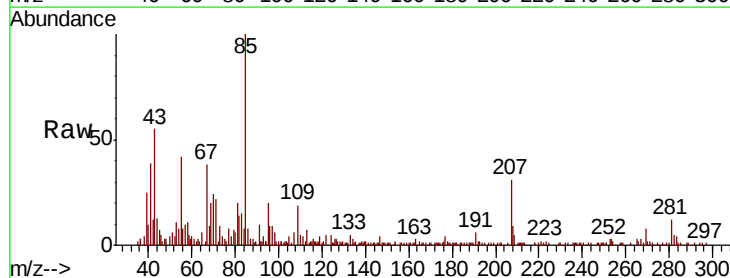
Ion Ratio Lower Upper

43 100

70 49.5 32.6 49.0#

55 187.0 18.3 27.5#

61 17.2 18.7 28.1#

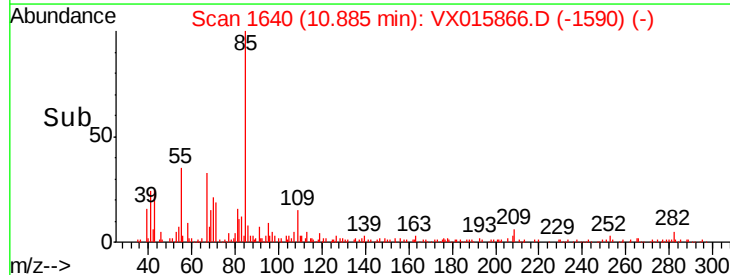
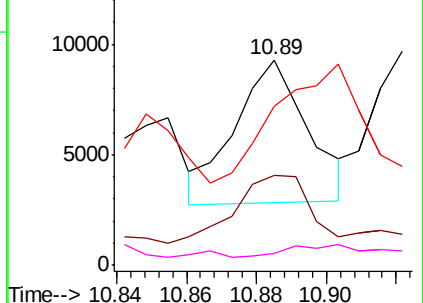


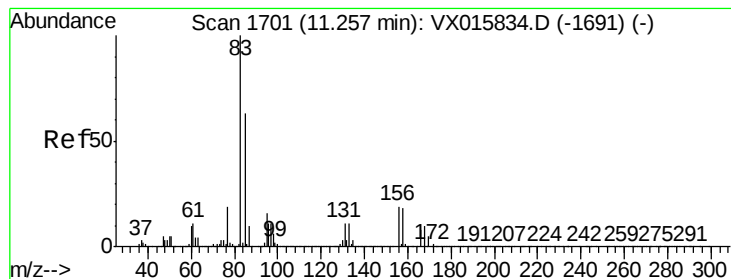
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.222 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

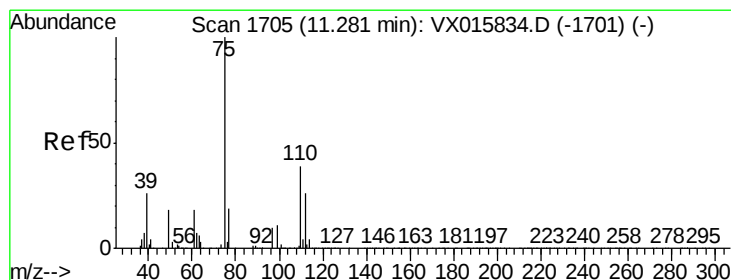
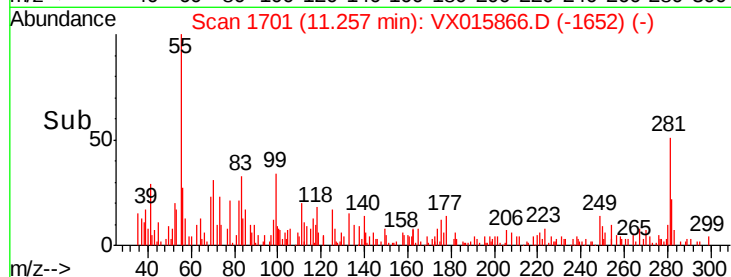
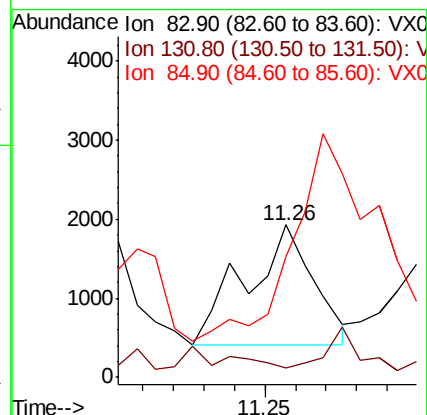
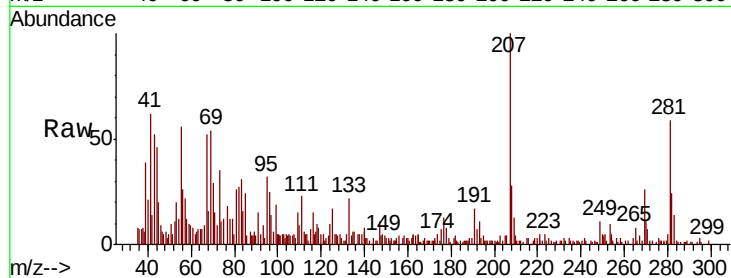
Tot Ion: 83 Resp: 2352

Ion Ratio Lower Upper

83 100

131 17.0 5.5 16.4#

85 203.5 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 2.091 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.07 min

Lab File: VX015866.D

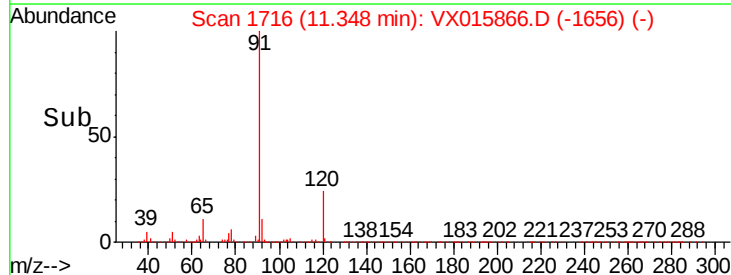
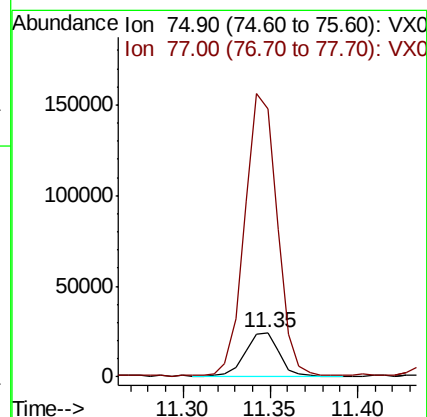
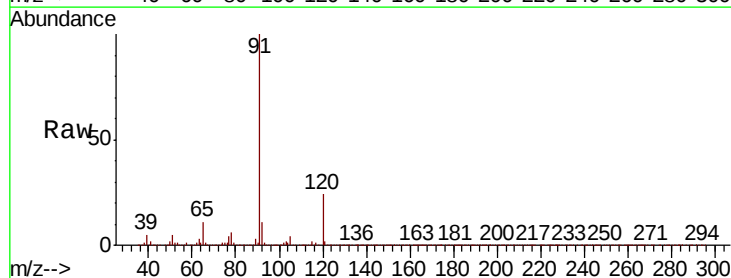
Acq: 23 Apr 2020 02:04

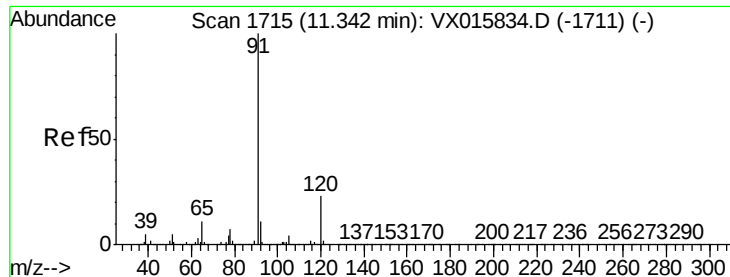
Tgt Ion: 75 Resp: 31382

Ion Ratio Lower Upper

75 100

77 642.9 21.3 63.9#





#78

n-propylbenzene

Concen: 88.366 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

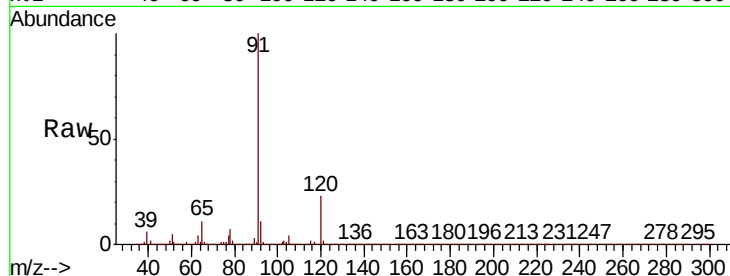
KY001MW078-200421

Tot Ion: 91 Resp: 5073093

Ion Ratio Lower Upper

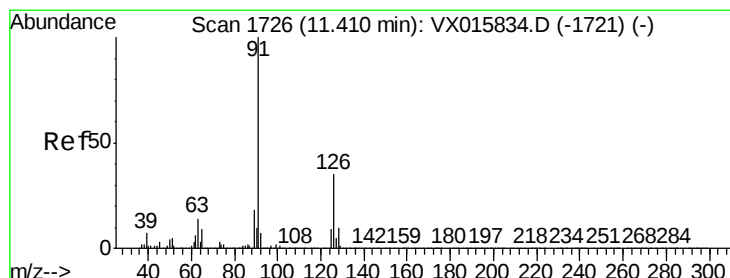
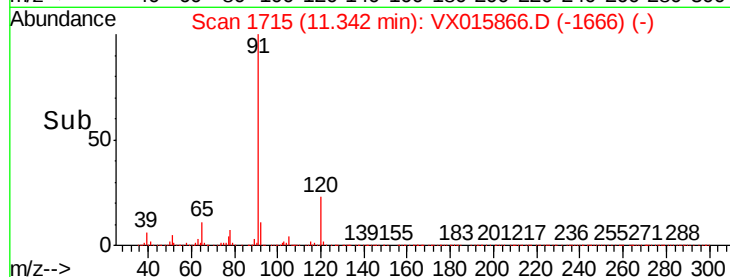
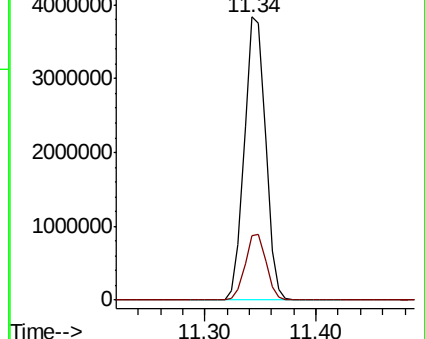
91 100

120 23.1 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 147.109 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015866.D

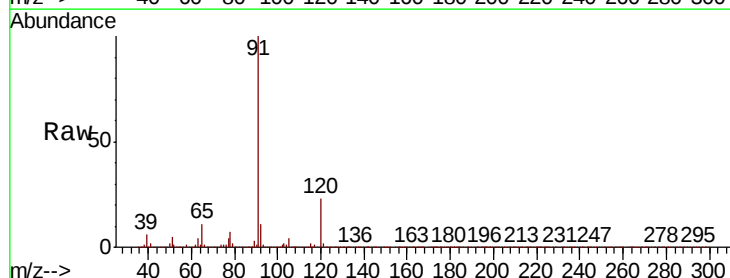
Acq: 23 Apr 2020 02:04

Tgt Ion: 91 Resp: 5073093

Ion Ratio Lower Upper

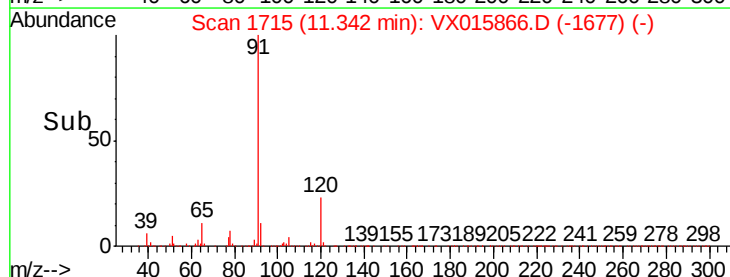
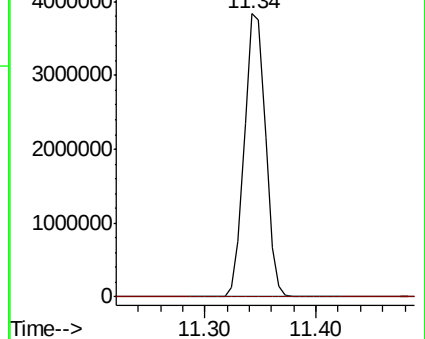
91 100

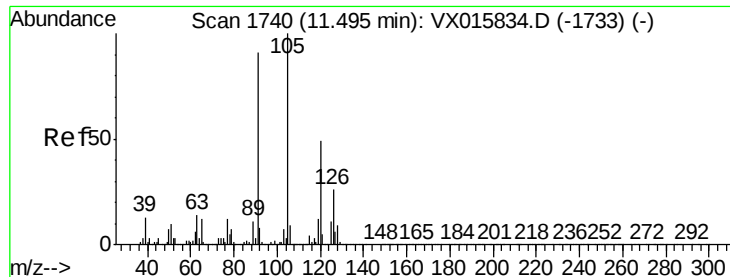
126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

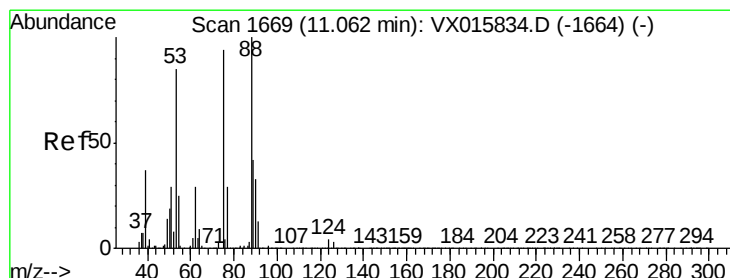
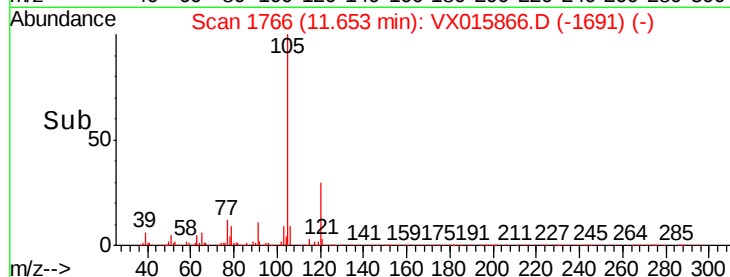
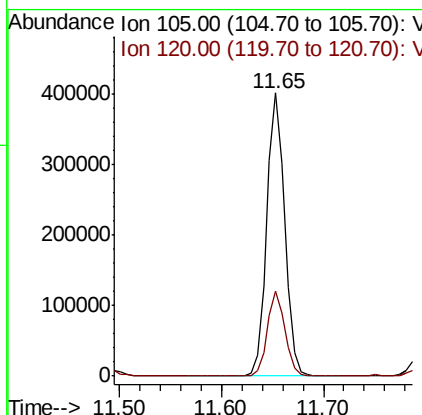
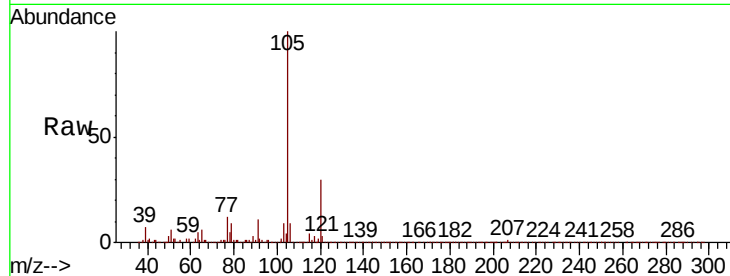




#80
 1,3,5-Trimethylbenzene
 Concen: 11.489 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. 0.16 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

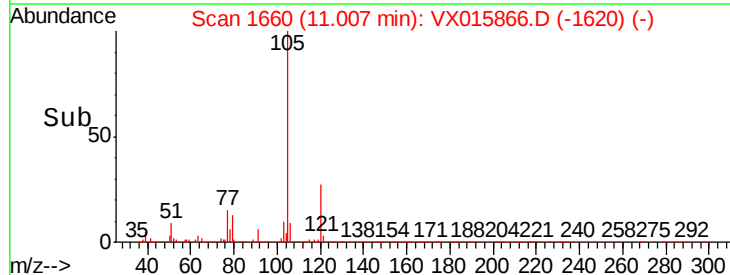
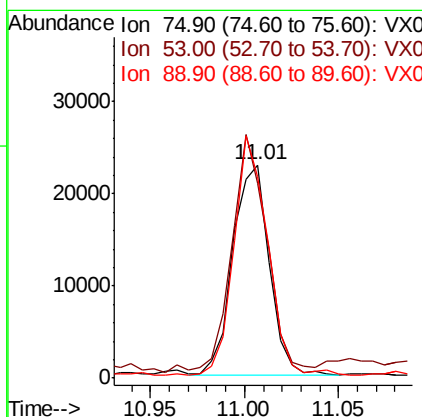
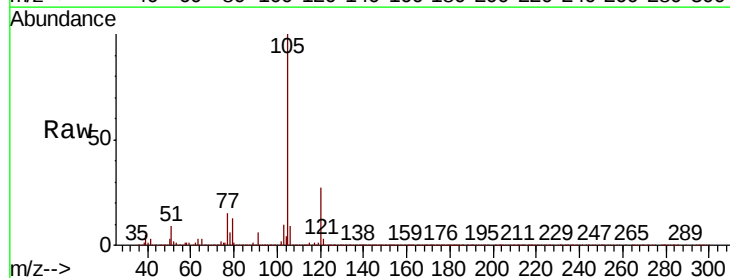
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421

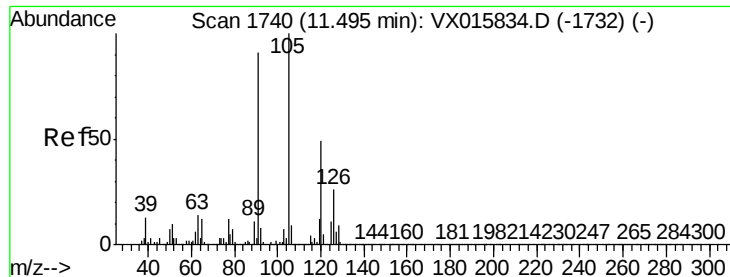
Tot Ion:105 Resp: 490946
 Ion Ratio Lower Upper
 105 100
 120 29.2 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.882 ug/l
 RT: 11.01 min Scan# 1660
 Delta R.T. -0.06 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

Tgt Ion: 75 Resp: 30454
 Ion Ratio Lower Upper
 75 100
 53 109.8 74.2 111.2
 89 106.3 38.0 57.0#





#82

4-Chlorotoluene

Concen: 123.798 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.15 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

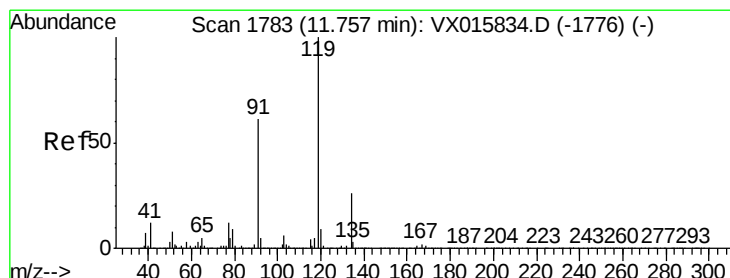
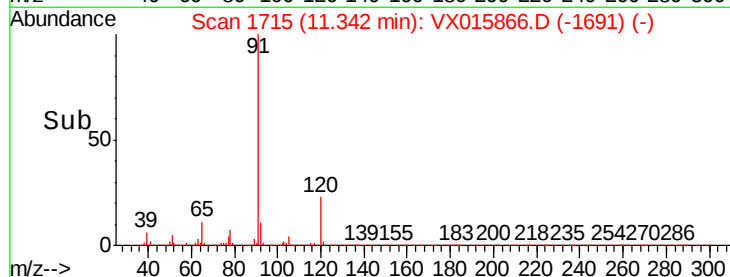
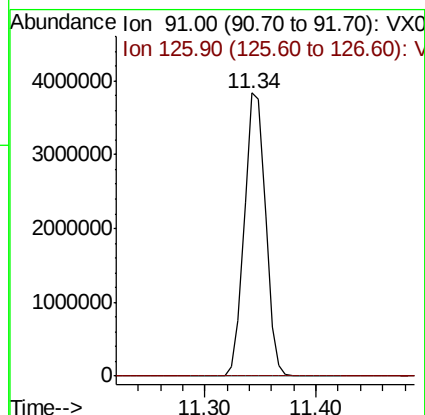
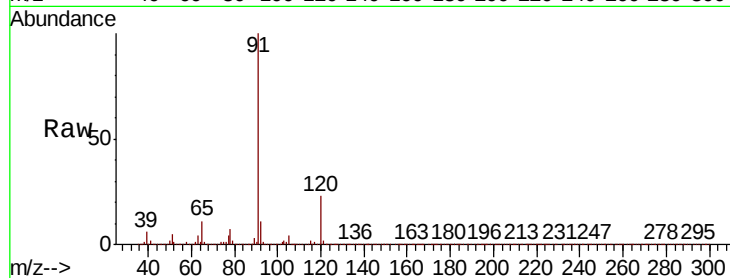
KY001MW078-200421

Tot Ion: 91 Resp: 5073093

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



#83

tert-Butylbenzene

Concen: 0.672 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

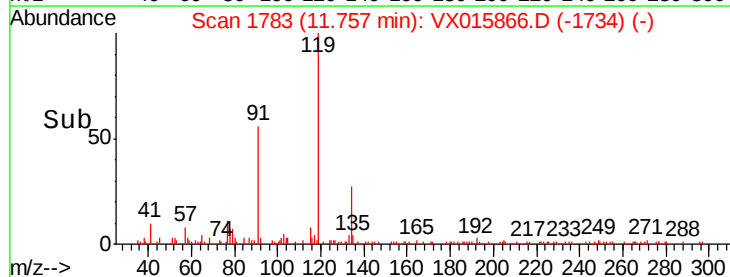
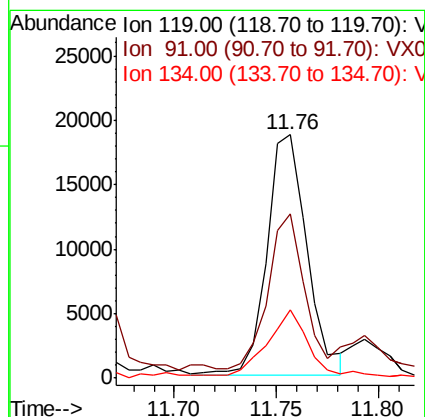
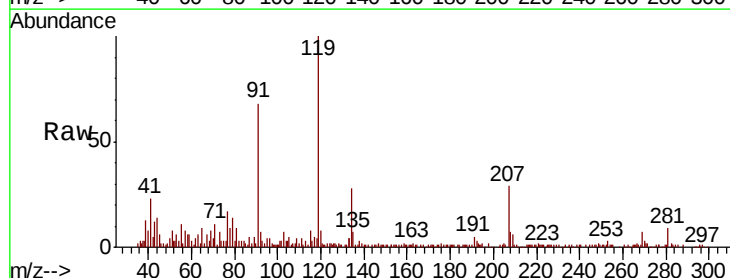
Tgt Ion: 119 Resp: 25455

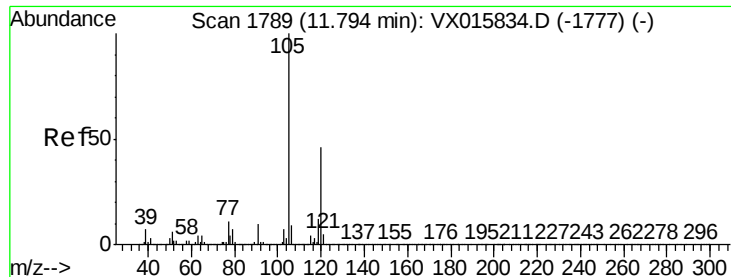
Ion Ratio Lower Upper

119 100

91 58.1 30.9 92.7

134 27.8 12.4 37.2

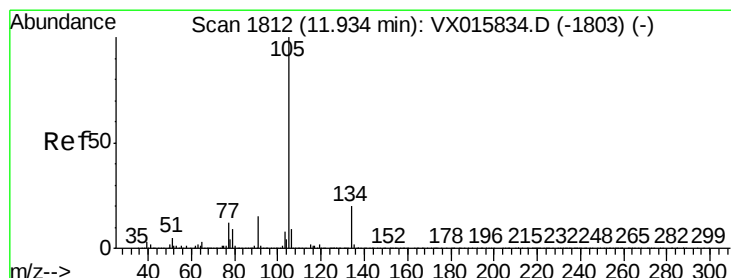
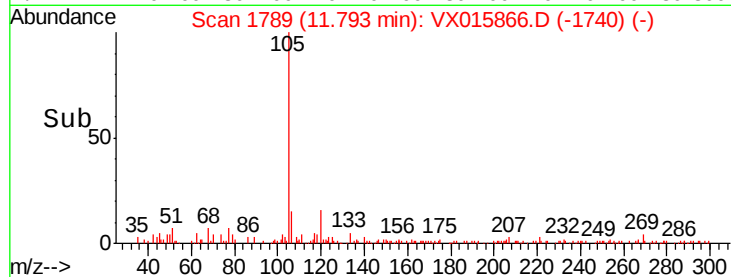
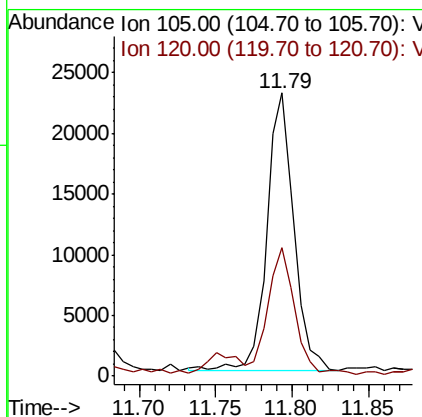
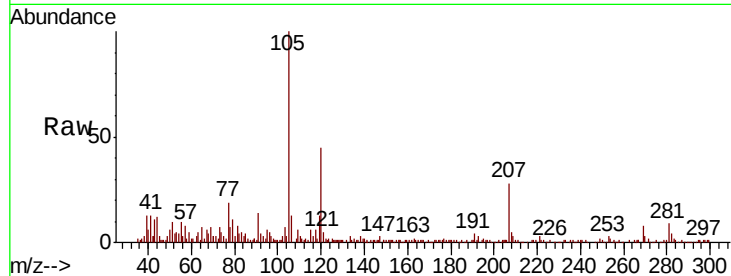




#84
 1,2,4-Trimethylbenzene
 Concen: 0.637 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

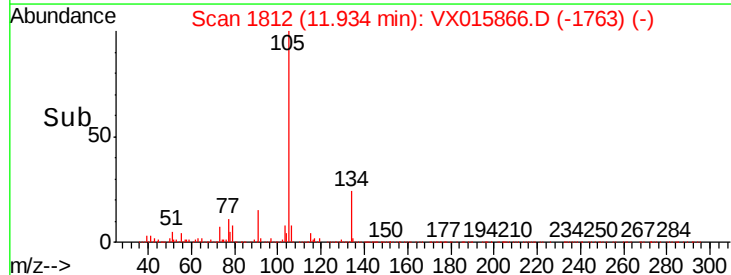
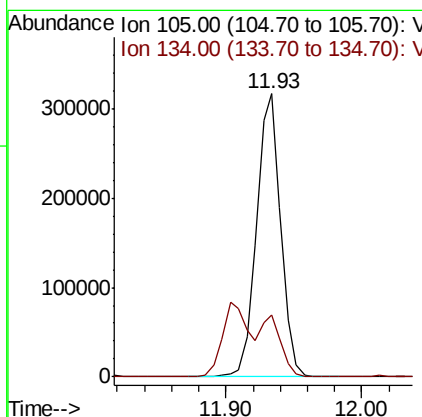
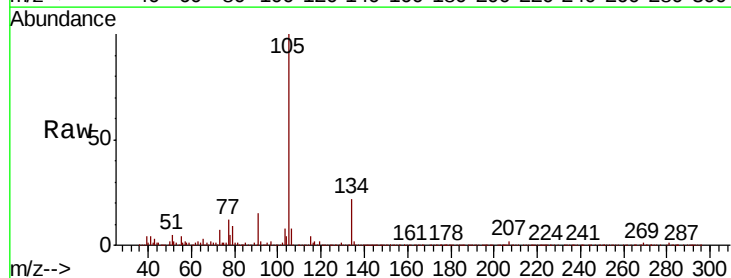
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421

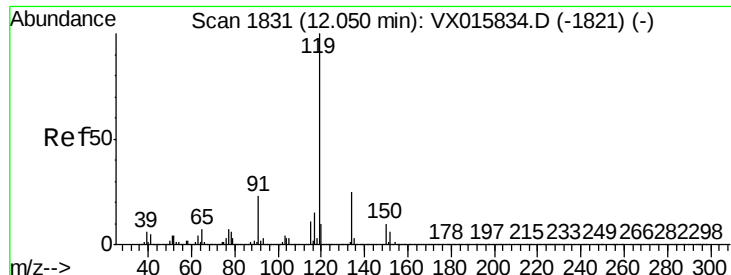
Tot Ion:105 Resp: 28241
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 7.873 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015866.D
 Acq: 23 Apr 2020 02:04

Tgt Ion:105 Resp: 393380
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.3 30.8





#86

p-Isopropyltoluene

Concen: 3.076 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

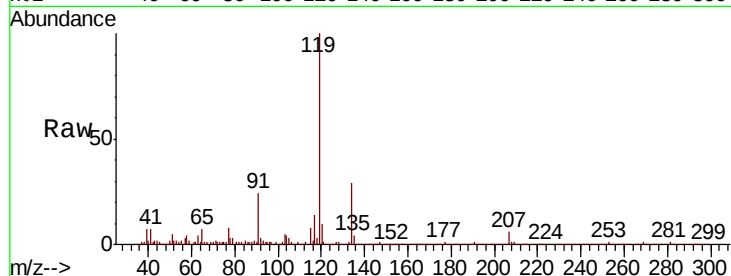
Tot Ion:119 Resp: 143739

Ion Ratio Lower Upper

119 100

134 28.2 13.0 38.9

91 23.7 11.5 34.5

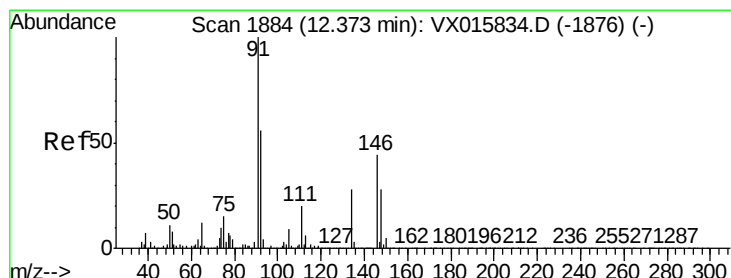
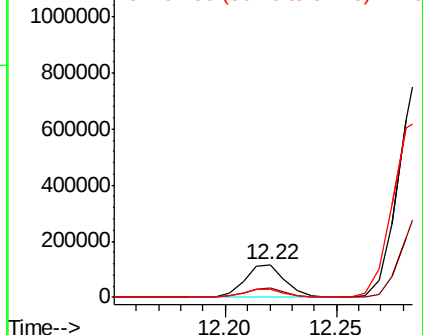
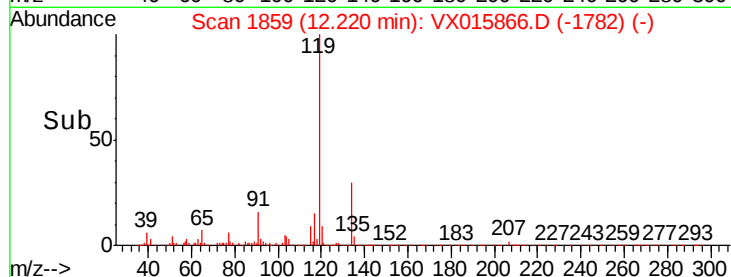


Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 10.882 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

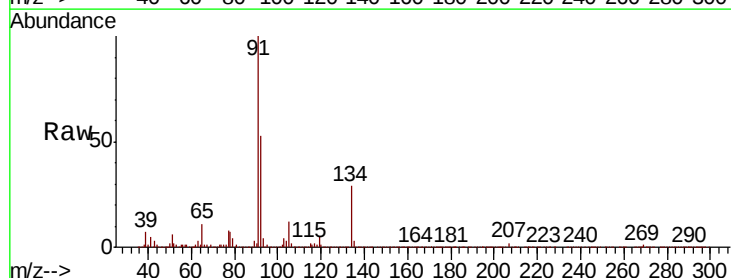
Tgt Ion: 91 Resp: 454602

Ion Ratio Lower Upper

91 100

92 44.5 27.7 83.1

134 51.9 14.1 42.4#

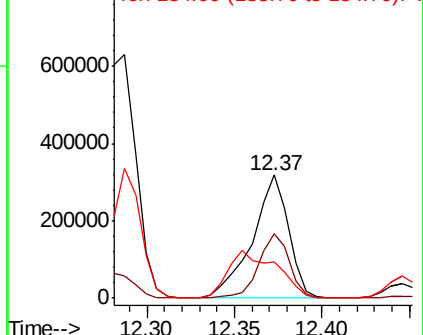
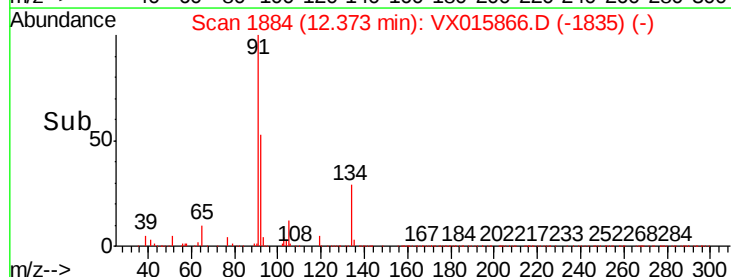


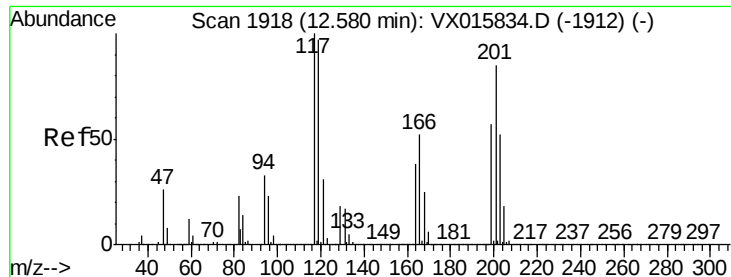
Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 58.440 ug/l

RT: 12.65 min Scan# 1930

Delta R.T. 0.07 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

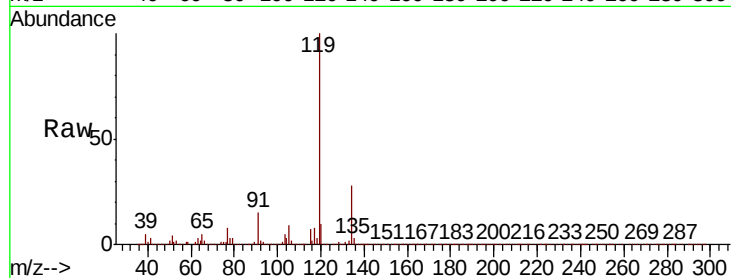
KY001MW078-200421

Tot Ion:117 Resp: 288458

Ion Ratio Lower Upper

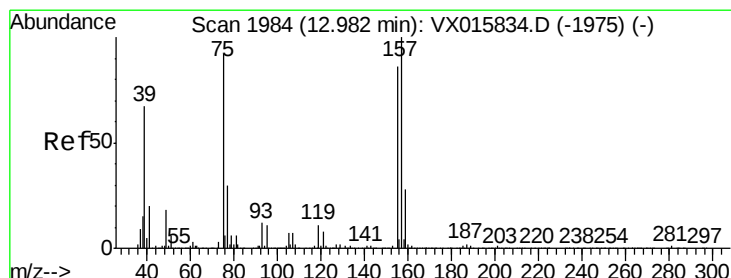
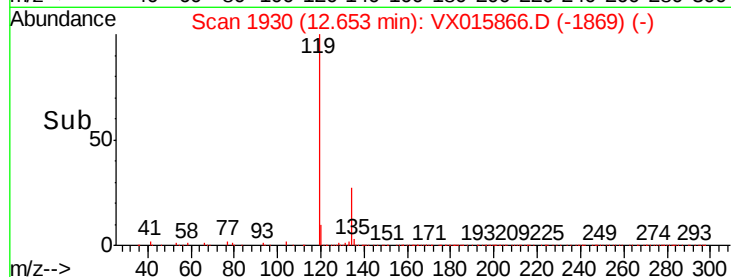
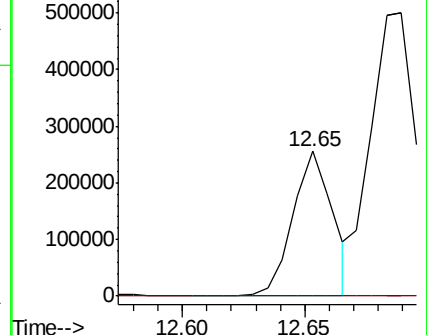
117 100

201 0.1 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: 5.103 ug/l

RT: 12.96 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

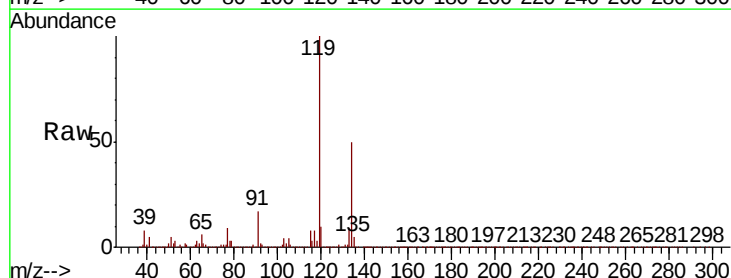
Tgt Ion: 75 Resp: 16049

Ion Ratio Lower Upper

75 100

155 1.1 48.1 144.4#

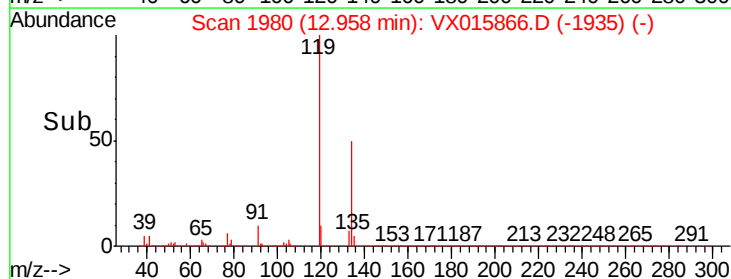
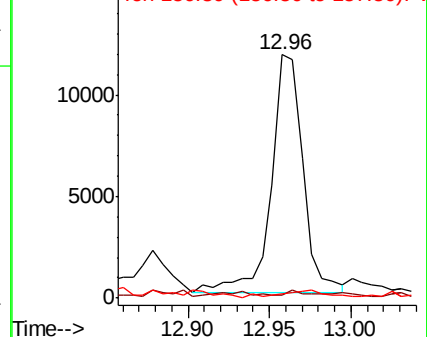
157 4.8 58.9 176.7#

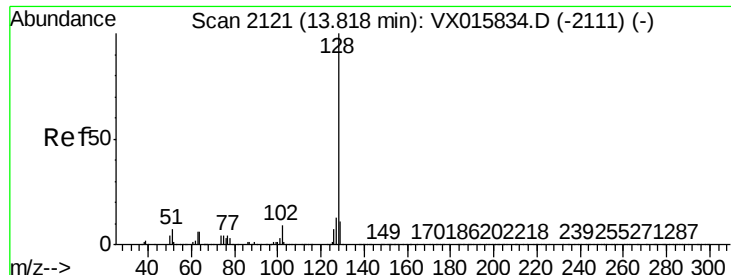


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 15.618 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015866.D

Acq: 23 Apr 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421

Tot Ion:128 Resp: 844039

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 12.2 8.5 12.7

