

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015873.D
 Acq On : 23 Apr 2020 04:43
 Operator : JC/SP
 Sample : L2380-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421

Quant Time: Apr 23 06:55:01 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	962802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1474180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1474287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	759304	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	540176	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
35) Dibromofluoromethane	5.47	113	445816	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
50) Toluene-d8	8.70	98	1760112	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.12	95	752101	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	9057	1.073	ug/l	94
6) Chloroethane	1.71	64	2534	0.455	ug/l #	75
11) Tert butyl alcohol	3.01	59	28254	12.628	ug/l #	73
13) Acrolein	2.25	56	3045	2.300	ug/l #	1
14) Allyl chloride	2.83	41	202741	11.314	ug/l #	72
15) Acrylonitrile	3.15	53	36518	7.032	ug/l #	39
16) Acetone	2.37	43	48628	10.199	ug/l #	50
17) Carbon Disulfide	2.55	76	26674	0.871	ug/l	98
18) Methyl Acetate	2.83	43	448503	28.493	ug/l #	53
19) Methyl tert-butyl Ether	3.17	73	581366	19.528	ug/l #	1
20) Methylene Chloride	2.82	84	2279	0.235	ug/l #	1
23) Vinyl Acetate	3.80	43	13930	0.521	ug/l #	73
25) 2-Butanone	4.64	43	6390	0.848	ug/l	98
26) 2,2-Dichloropropane	4.37	77	11754	0.782	ug/l	77
30) Chloroform	5.25	83	85501	5.048	ug/l #	42
31) Cyclohexane	5.56	56	1141117	71.325	ug/l #	90
36) 1,1-Dichloropropene	5.64	75	62333	4.770	ug/l #	52
37) Ethyl Acetate	4.64	43	6390	0.411	ug/l	97
38) Carbon Tetrachloride	5.63	117	84537	6.567	ug/l #	16
39) Methylcyclohexane	7.44	83	1564405	94.527	ug/l	92
40) Benzene	6.12	78	7082311	179.930	ug/l	98
41) Methacrylonitrile	4.98	41	3065	0.355	ug/l #	1
42) 1,2-Dichloroethane	6.12	62	70431	4.969	ug/l #	73
43) Isopropyl Acetate	6.43	43	69537	2.650	ug/l #	64
45) 1,2-Dichloropropane	7.44	63	20438	1.981	ug/l #	1
46) Dibromomethane	7.62	93	6649	0.883	ug/l #	1
47) Bromodichloromethane	7.82	83	26802	2.001	ug/l #	22
48) Methyl methacrylate	7.72	41	212815	16.490	ug/l #	55
49) 1,4-Dioxane	7.70	88	878	3.600	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	95329	6.295	ug/l #	59
52) Toluene	8.77	92	97211	3.853	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	321697	32.654	ug/l #	19
56) Ethyl methacrylate	9.15	69	89061	5.337	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.25	63	7062	0.847	ug/l #	51

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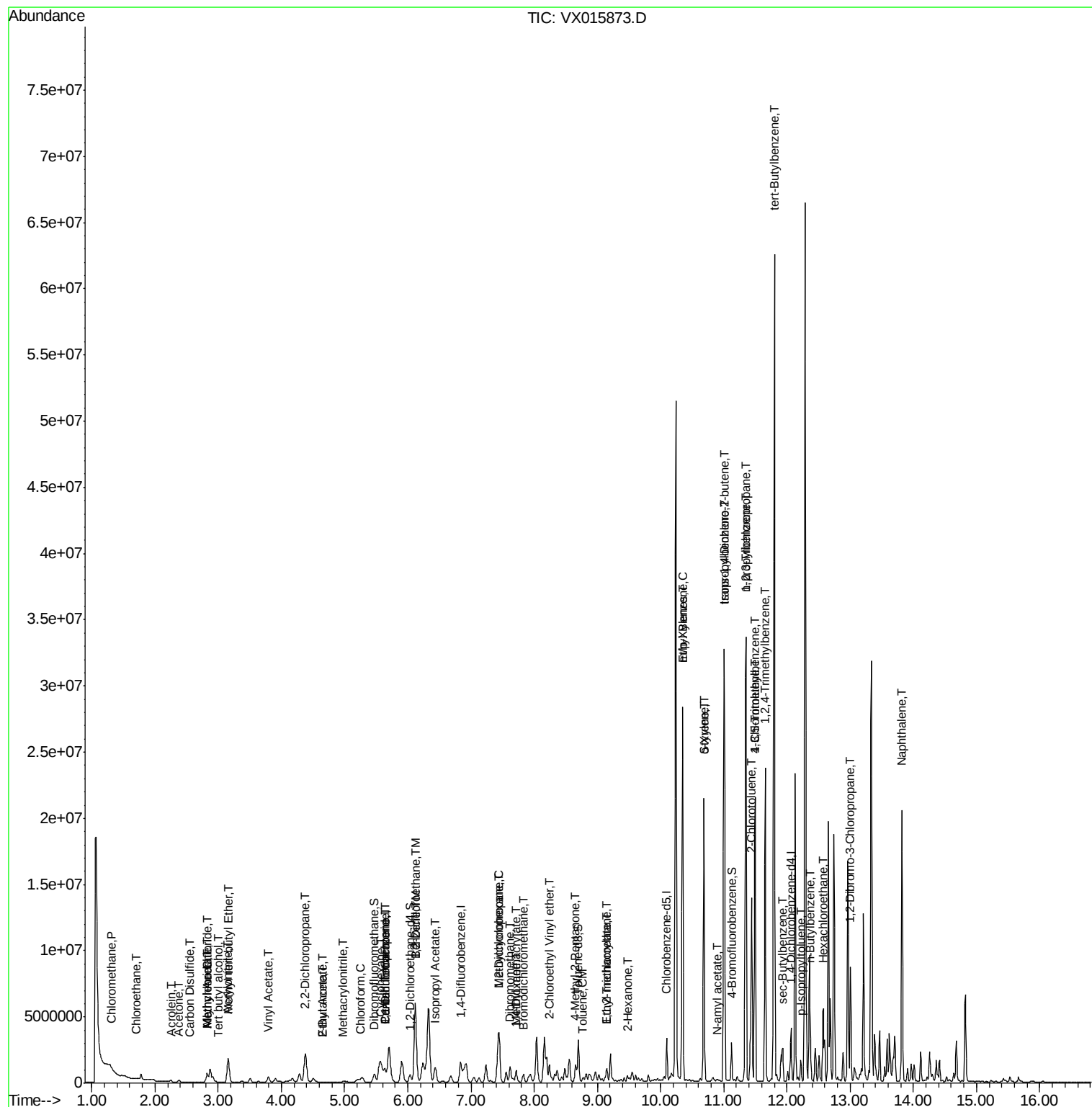
59) 2-Hexanone	9.48	43	5642	0.489	ug/l	91
67) Ethyl Benzene	10.35	91	11909353	230.039	ug/l #	46
68) m/p-Xylenes	10.35	106	6448407	331.839	ug/l	89
69) o-Xylene	10.68	106	4674725	244.462	ug/l	95
70) Styrene	10.68	104	251965	7.610	ug/l #	1
73) Isopropylbenzene	11.00	105	14192188	294.301	ug/l	80
74) N-amyl acetate	10.89	43	9610	0.386	ug/l #	1
76) 1,2,3-Trichloropropane	11.35	75	157528	10.910	ug/l #	1
78) n-propylbenzene	11.34	91	15417716	279.093	ug/l #	69
79) 2-Chlorotoluene	11.44	91	964901	29.078	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	8914639	216.799	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.01	75	225217	37.522	ug/l #	61
82) 4-Chlorotoluene	11.49	91	970014	24.600	ug/l #	45
83) tert-Butylbenzene	11.80	119	4586555	125.748	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.65	105	11026121	258.287	ug/l	81
85) sec-Butylbenzene	11.93	105	1221808	25.411	ug/l	92
86) p-Isopropyltoluene	12.22	119	716693	15.941	ug/l	99
89) n-Butylbenzene	12.37	91	1504652	37.432	ug/l #	31
90) Hexachloroethane	12.57	117	347167	73.094	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26783	8.849	ug/l #	1
95) Naphthalene	13.82	128	11881240	228.476	ug/l #	94

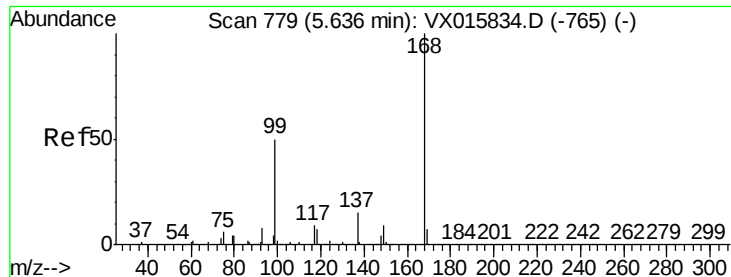
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

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Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

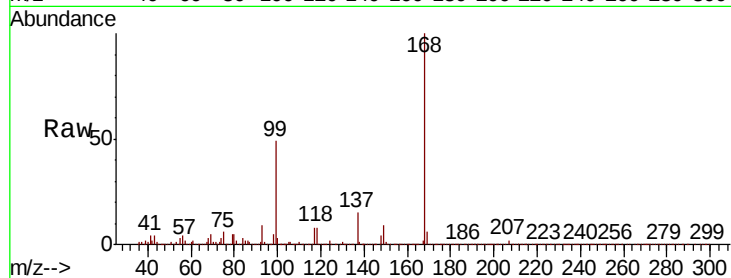
KY001MW079-200421

Tot Ion:168 Resp: 962802

Ion Ratio Lower Upper

168 100

99 49.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

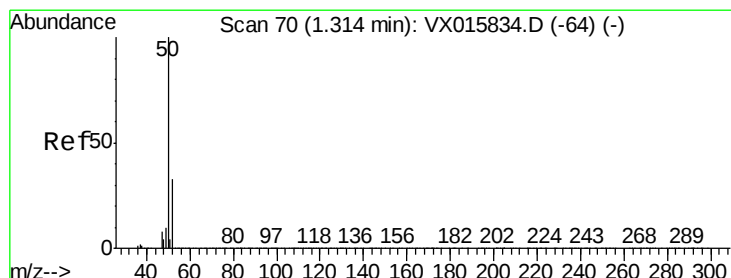
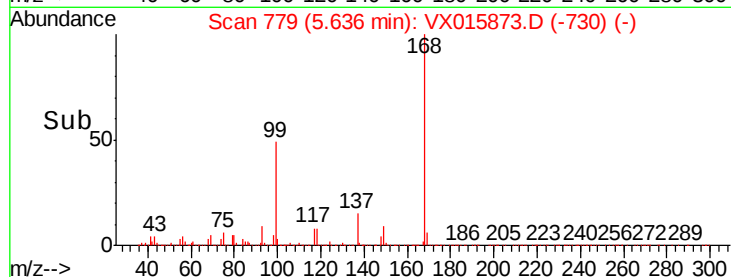
200000

100000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 1.073 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015873.D

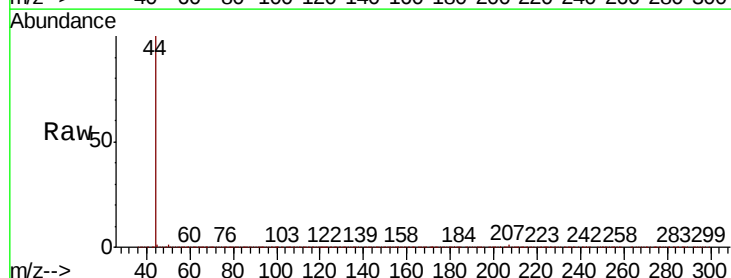
Acq: 23 Apr 2020 04:43

Tgt Ion: 50 Resp: 9057

Ion Ratio Lower Upper

50 100

52 36.0 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

10000

8000

6000

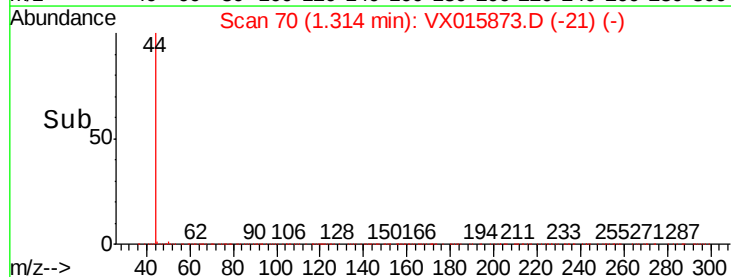
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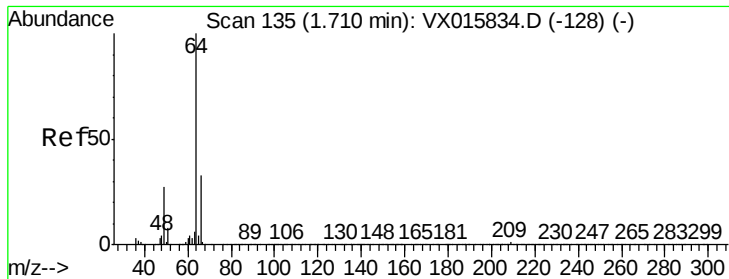
2000

0

Time-->

1.30 1.35





#6

Chloroethane

Concen: 0.455 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

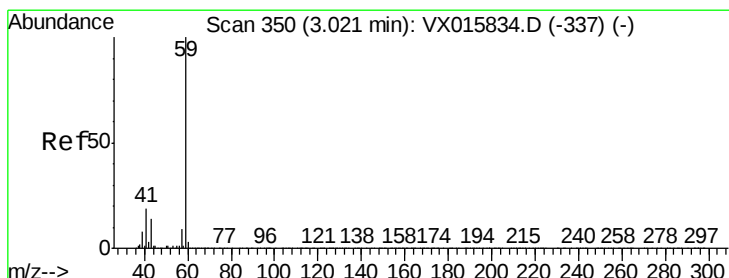
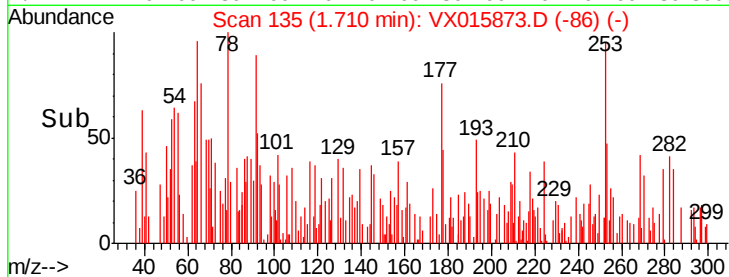
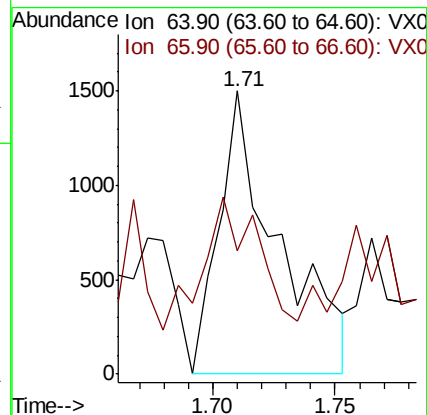
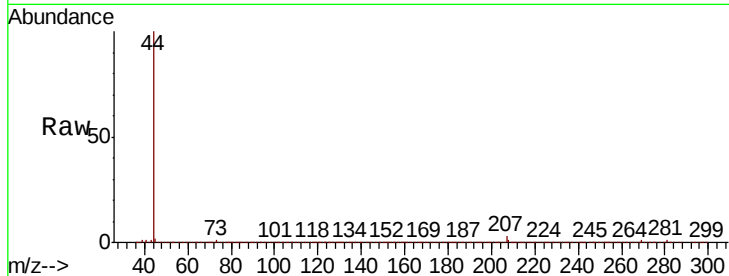
KY001MW079-200421

Tot Ion: 64 Resp: 2534

Ion Ratio Lower Upper

64 100

66 18.8 26.2 39.2#



#11

Tert butyl alcohol

Concen: 12.628 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015873.D

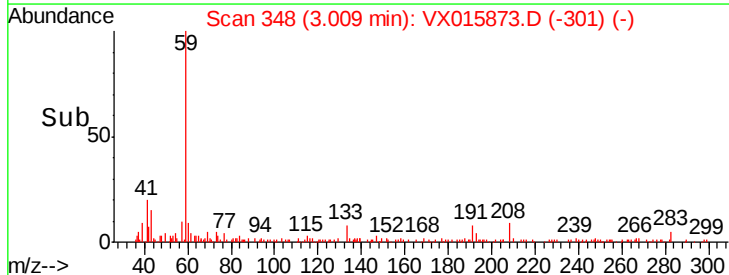
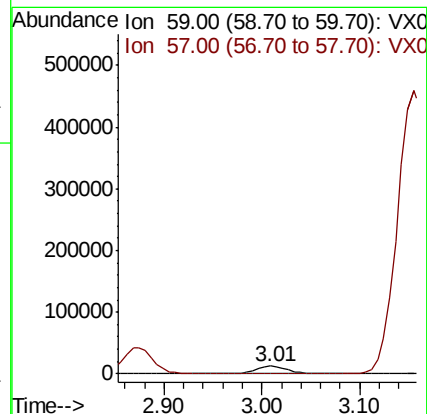
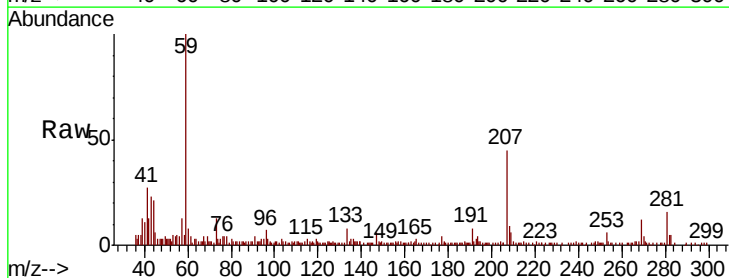
Acq: 23 Apr 2020 04:43

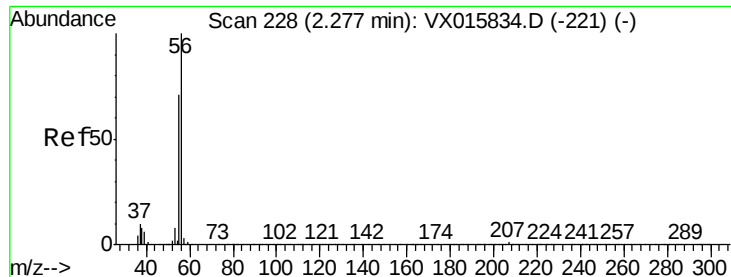
Tgt Ion: 59 Resp: 28254

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 2.300 ug/l

RT: 2.25 min Scan# 224

Delta R.T. -0.02 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

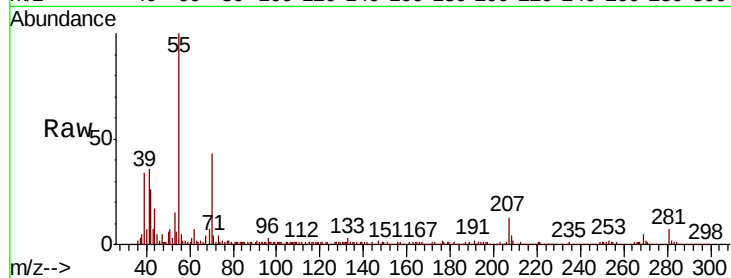
KY001MW079-200421

Tot Ion: 56 Resp: 3045

Ion Ratio Lower Upper

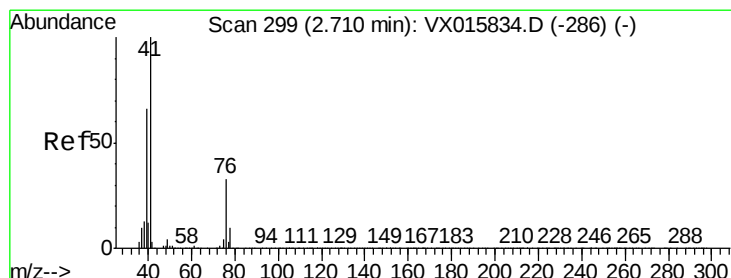
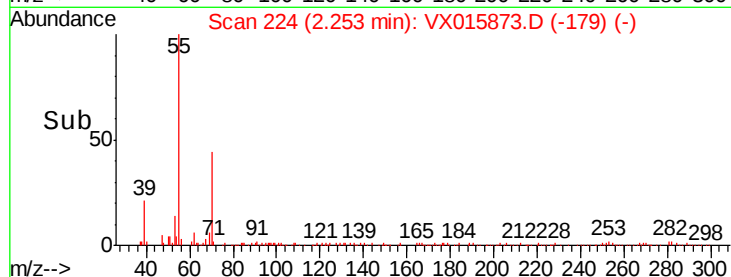
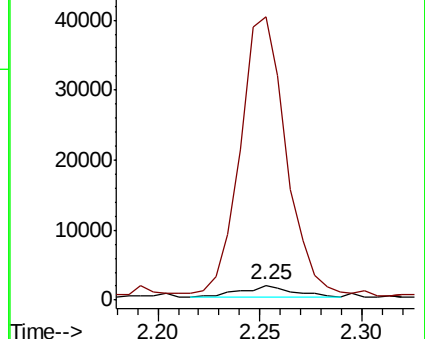
56 100

55 2075.5 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 11.314 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.12 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

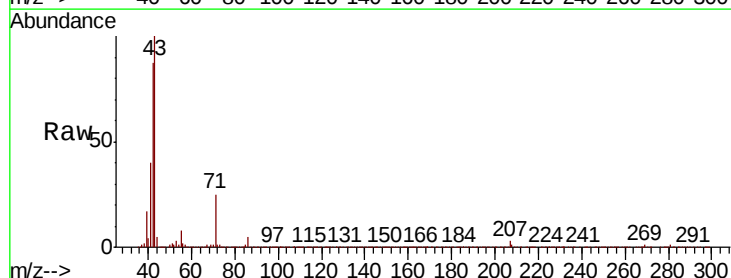
Tgt Ion: 41 Resp: 202741

Ion Ratio Lower Upper

41 100

39 49.4 48.4 72.6

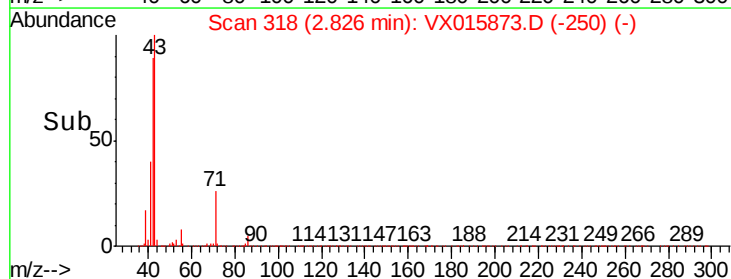
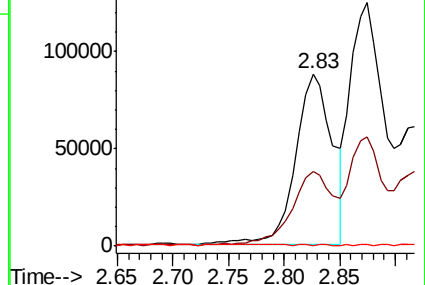
76 0.0 23.8 35.8#

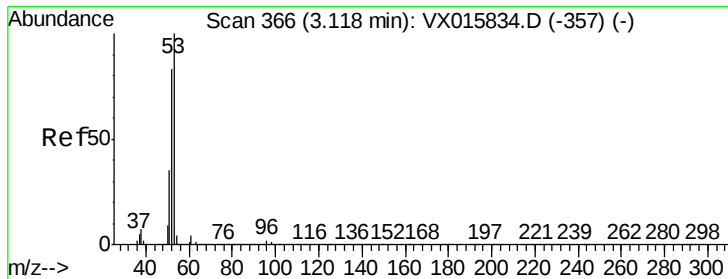


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 7.032 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.04 min

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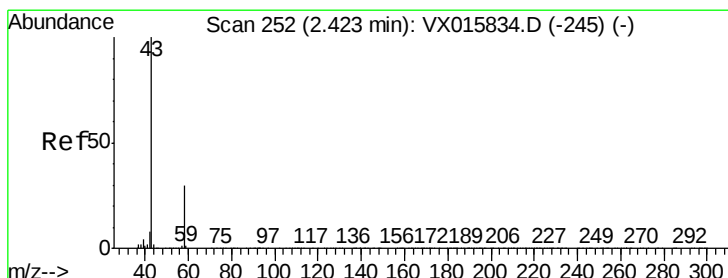
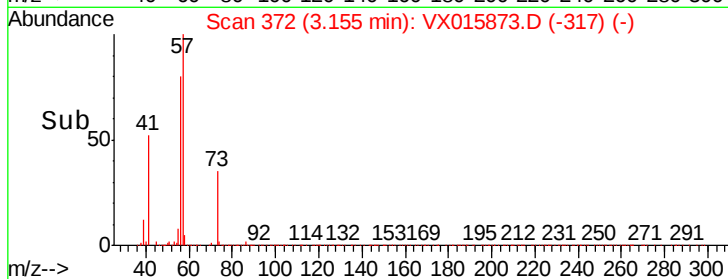
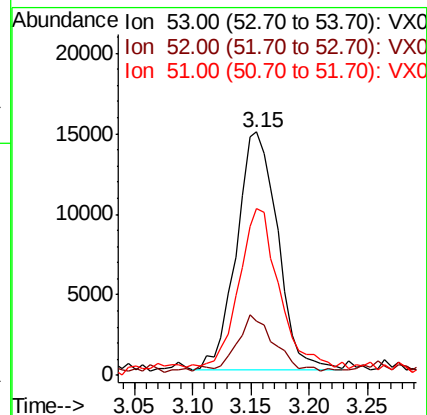
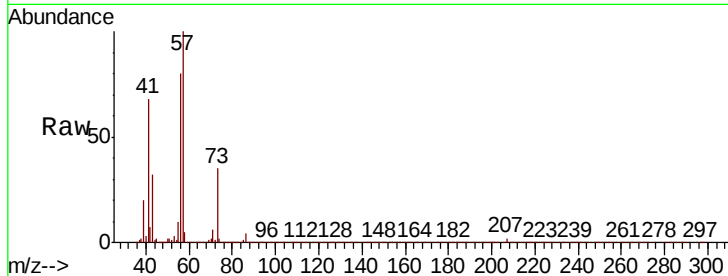
Tot Ion: 53 Resp: 36518

Ion Ratio Lower Upper

53 100

52 22.5 66.2 99.4#

51 63.3 28.6 43.0#



#16

Acetone

Concen: 10.199 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.05 min

Lab File: VX015873.D

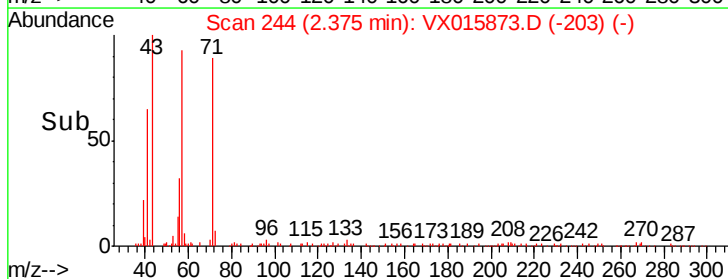
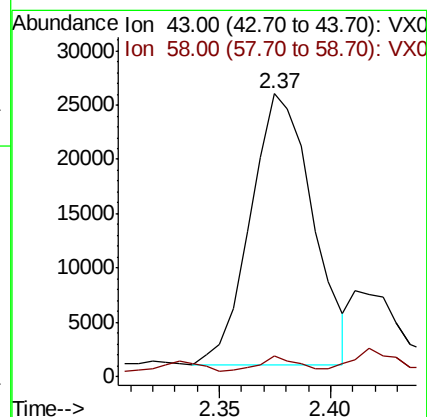
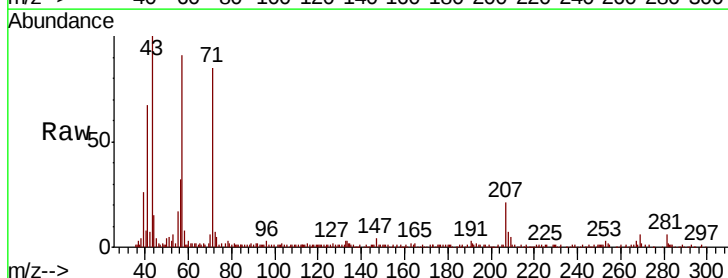
Acq: 23 Apr 2020 04:43

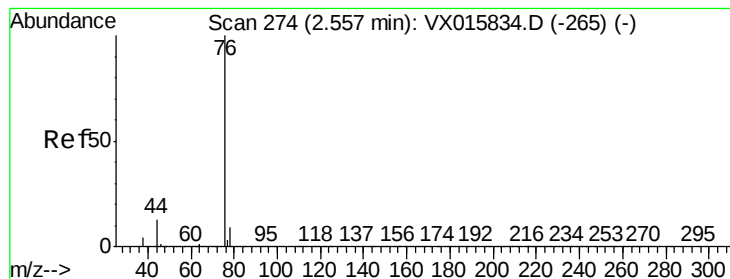
Tgt Ion: 43 Resp: 48628

Ion Ratio Lower Upper

43 100

58 2.8 24.0 36.0#





#17

Carbon Disulfide

Concen: 0.871 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

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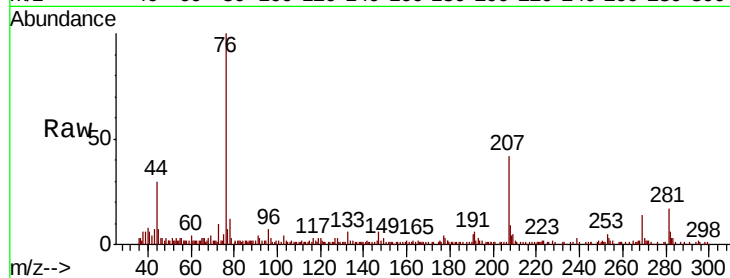
KY001MW079-200421

Tot Ion: 76 Resp: 26674

Ion Ratio Lower Upper

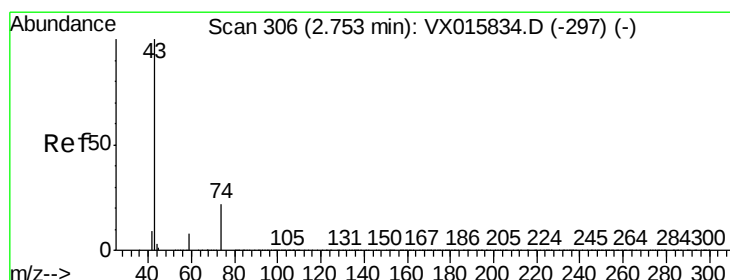
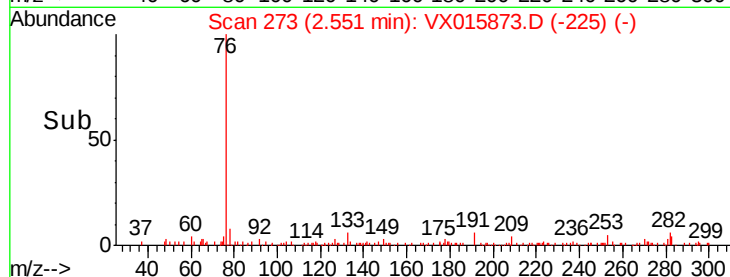
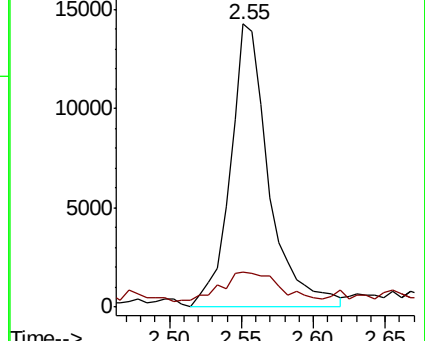
76 100

78 10.1 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: 28.493 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX015873.D

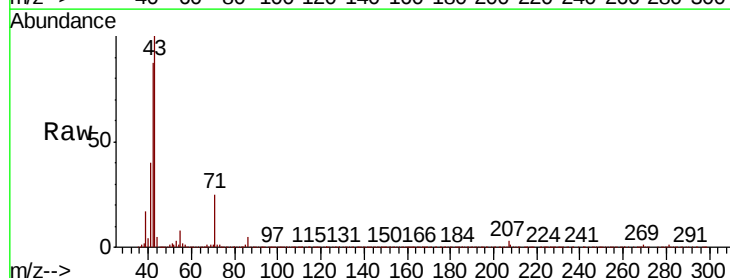
Acq: 23 Apr 2020 04:43

Tgt Ion: 43 Resp: 448503

Ion Ratio Lower Upper

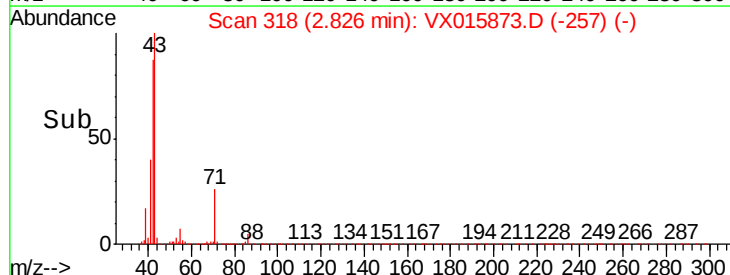
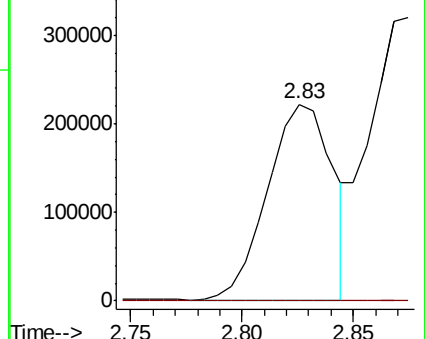
43 100

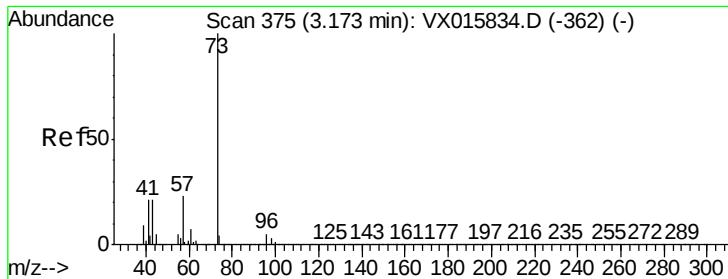
74 0.0 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

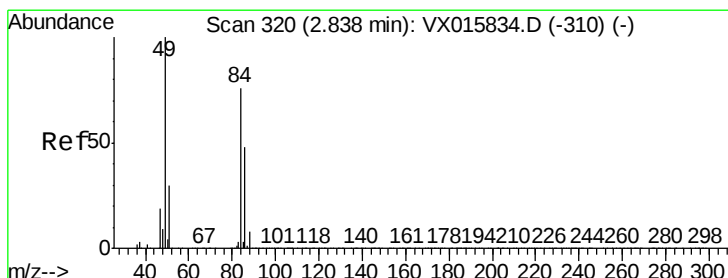
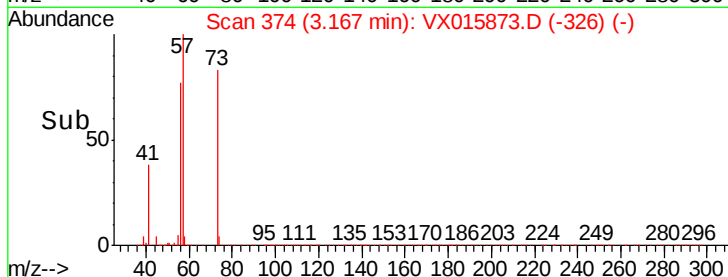
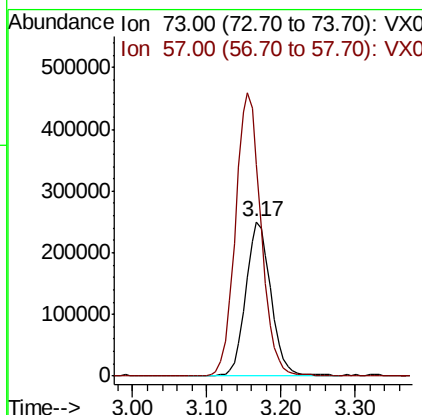
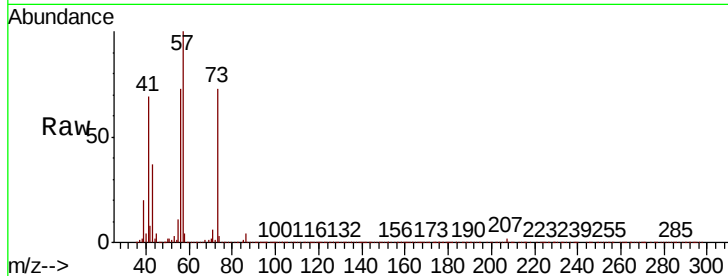




#19
Methvl tert-butvl Ether
Concen: 19.528 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

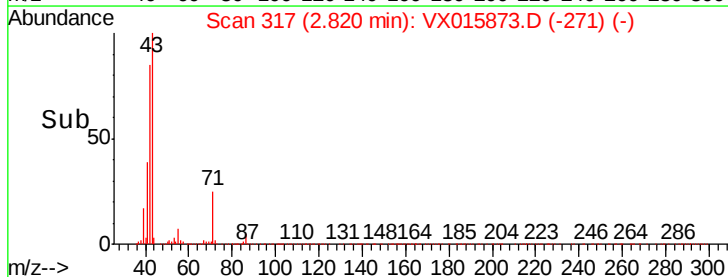
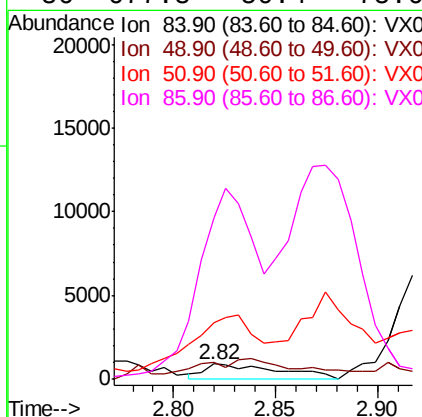
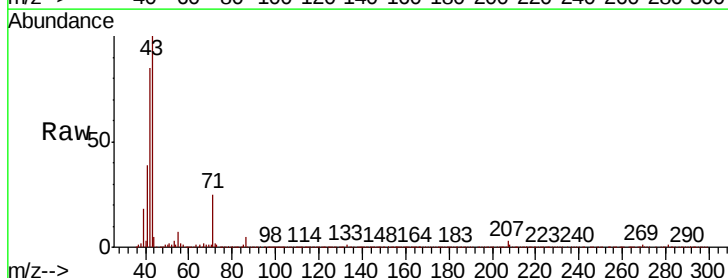
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

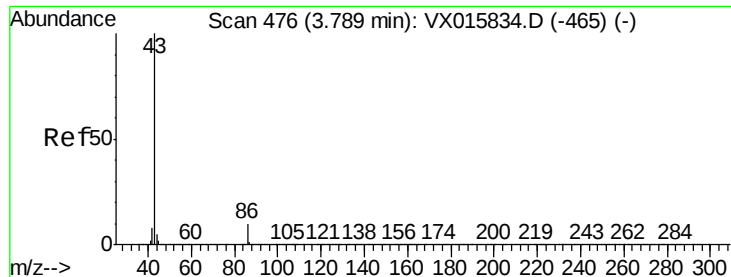
Tot Ion: 73 Resp: 581366
Ion Ratio Lower Upper
73 100
57 137.5 18.1 27.1#



#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.82 min Scan# 317
Delta R.T. -0.02 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Tgt Ion: 84 Resp: 2279
Ion Ratio Lower Upper
84 100
49 48.2 104.9 157.3#
51 142.5 32.0 48.0#
86 677.8 50.4 75.6#

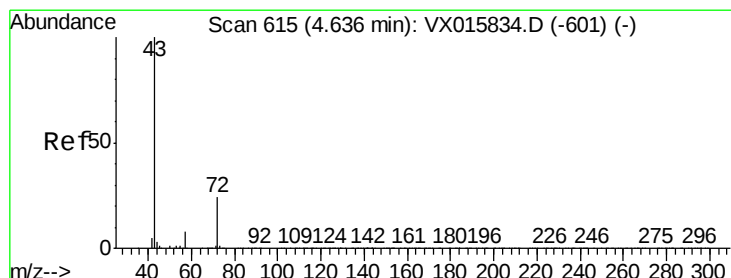
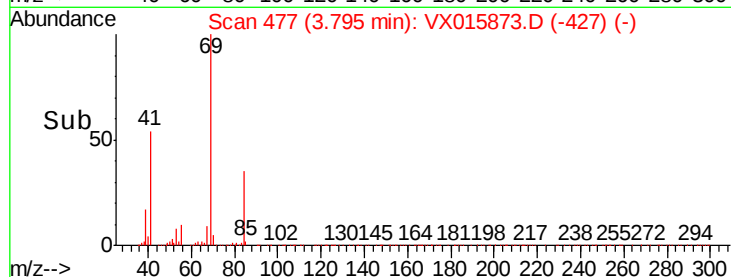
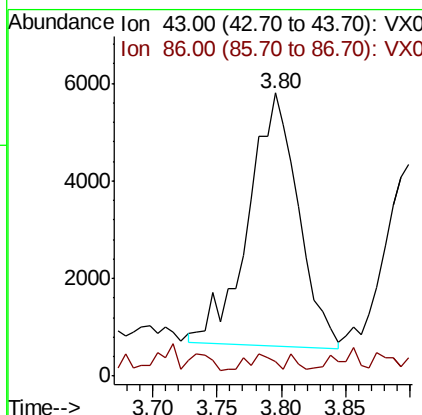
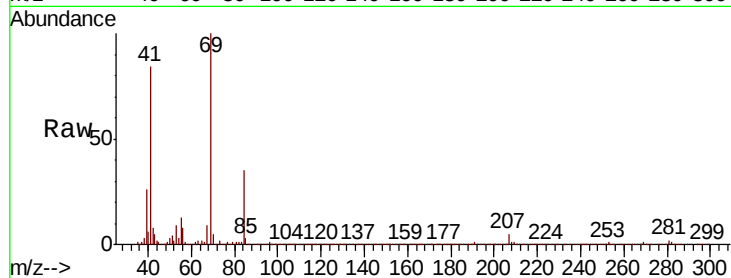




#23
 Vinyl Acetate
 Concen: 0.521 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. 0.01 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

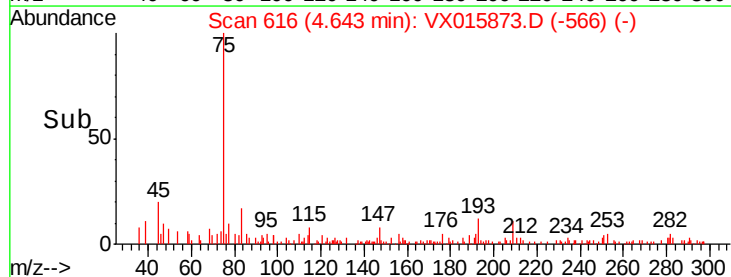
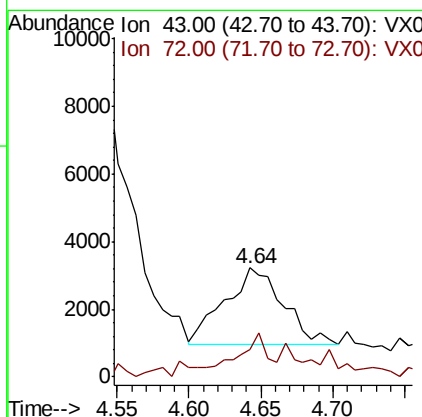
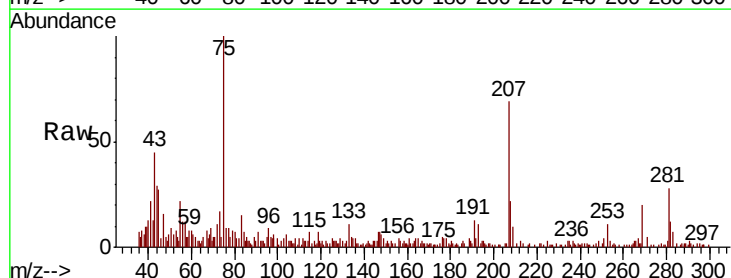
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421

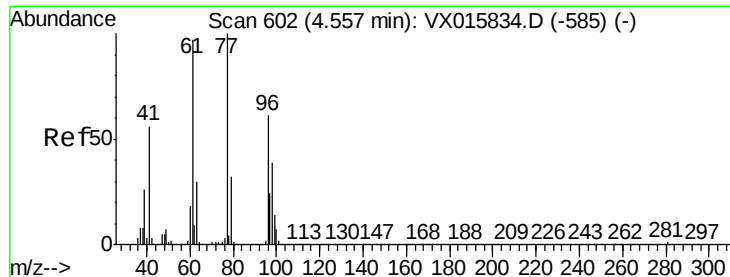
Tot Ion: 43 Resp: 13930
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.0 12.0#



#25
 2-Butanone
 Concen: 0.848 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

Tgt Ion: 43 Resp: 6390
 Ion Ratio Lower Upper
 43 100
 72 25.4 19.4 29.2





#26

2,2-Dichloropropane

Concen: 0.782 ug/l

RT: 4.37 min Scan# 572

Delta R.T. -0.18 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

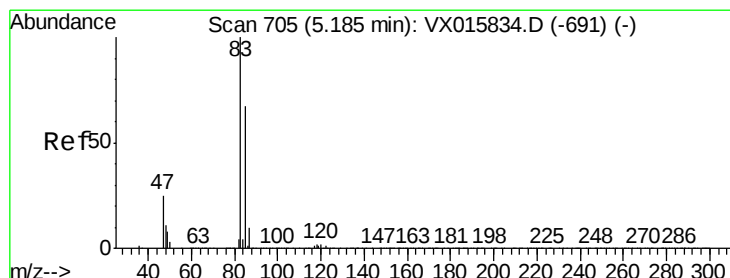
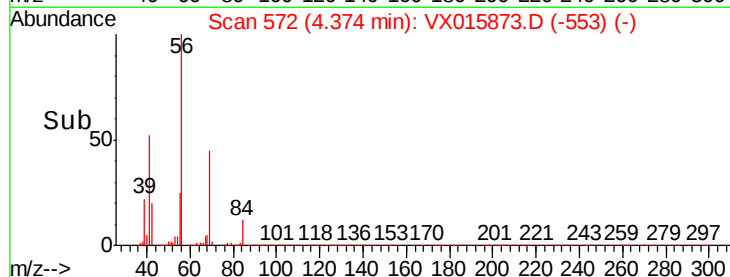
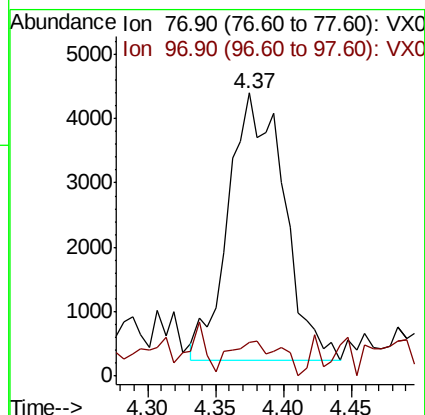
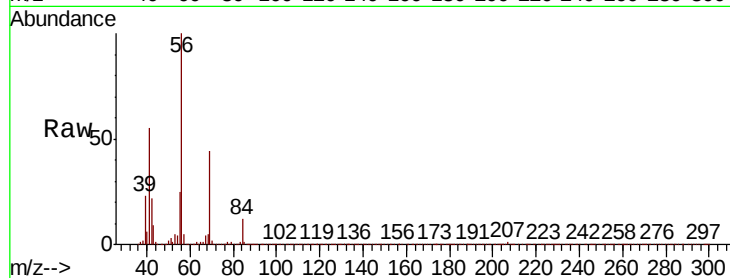
KY001MW079-200421

Tot Ion: 77 Resp: 11754

Ion Ratio Lower Upper

77 100

97 11.8 11.4 34.1



#30

Chloroform

Concen: 5.048 ug/l

RT: 5.25 min Scan# 715

Delta R.T. 0.06 min

Lab File: VX015873.D

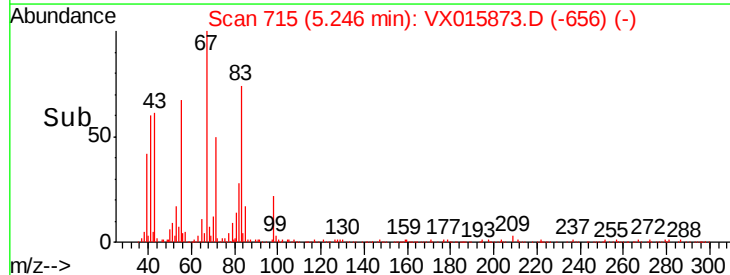
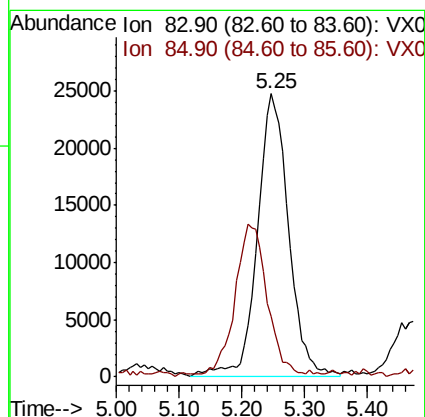
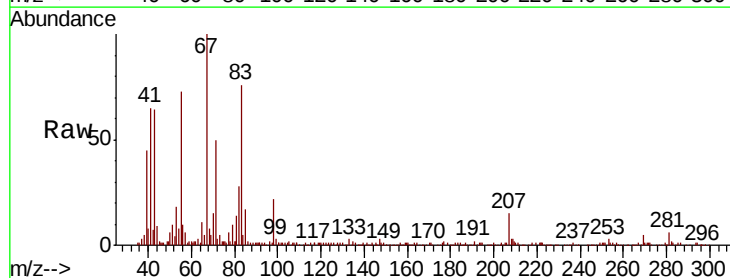
Acq: 23 Apr 2020 04:43

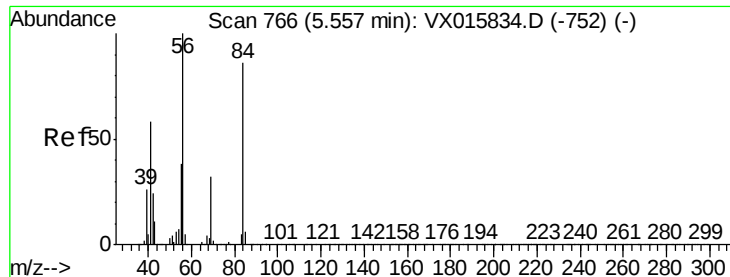
Tgt Ion: 83 Resp: 85501

Ion Ratio Lower Upper

83 100

85 20.6 53.4 80.0#

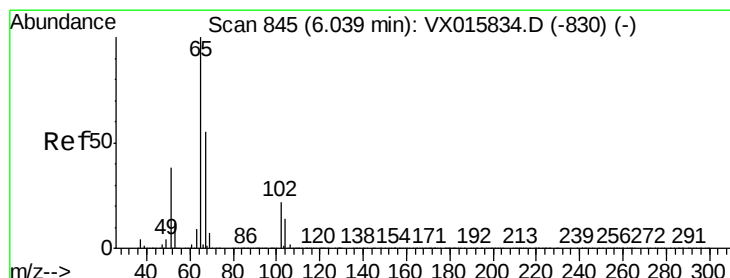
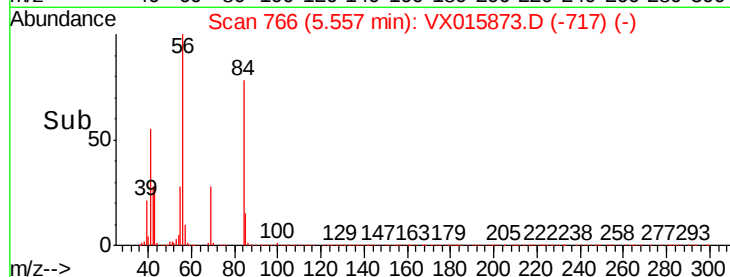
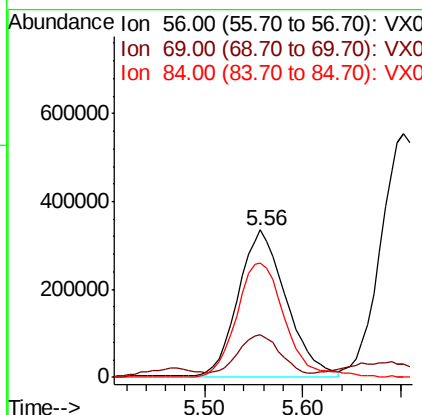
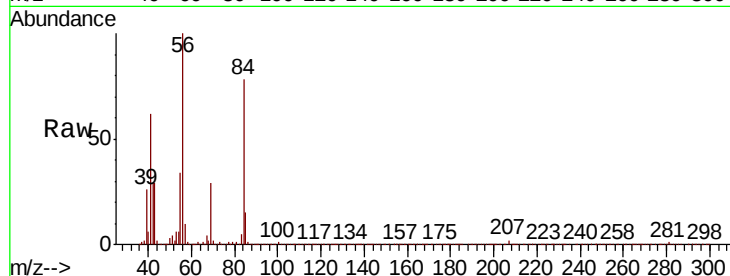




#31
Cyclohexane
Concen: 71.325 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

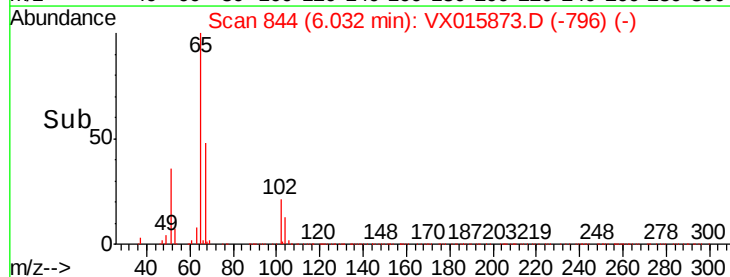
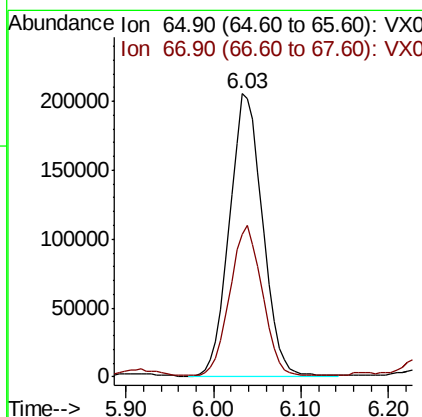
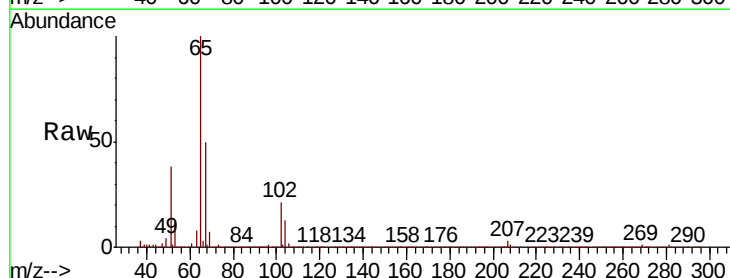
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

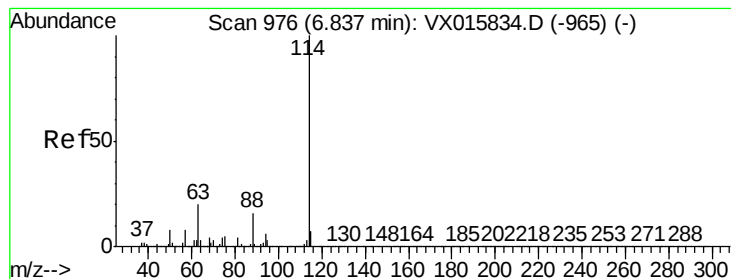
Tot Ion: 56 Resp: 1141117
Ion Ratio Lower Upper
56 100
69 24.2 25.3 37.9#
84 78.4 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 49.329 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.01 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Tgt Ion: 65 Resp: 540176
Ion Ratio Lower Upper
65 100
67 51.9 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: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

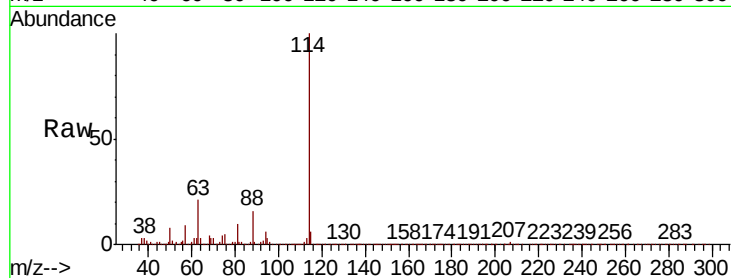
Tot Ion:114 Resp: 1474180

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

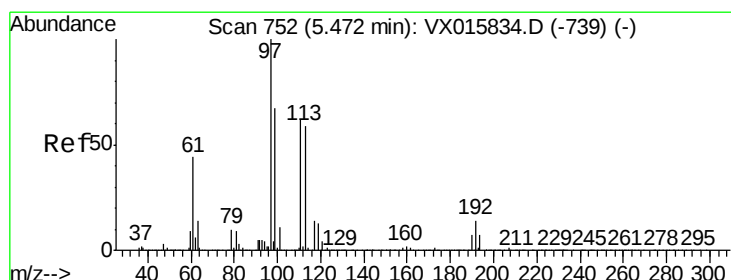
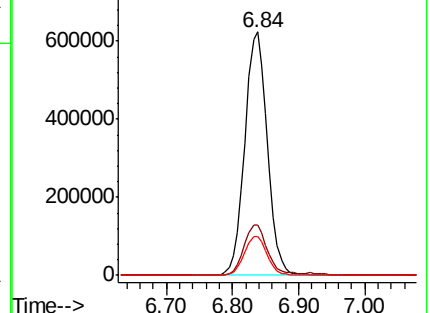
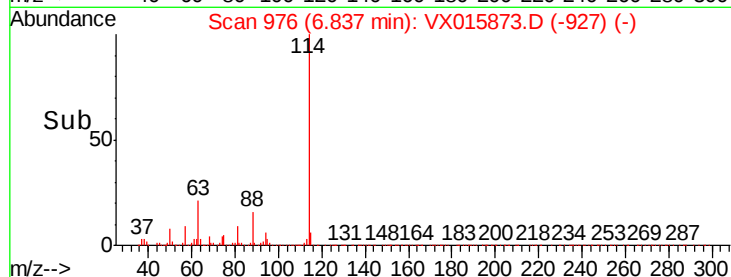
88 15.7 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 52.391 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

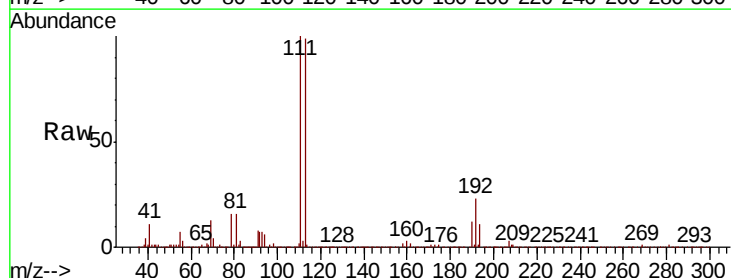
Tgt Ion:113 Resp: 445816

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

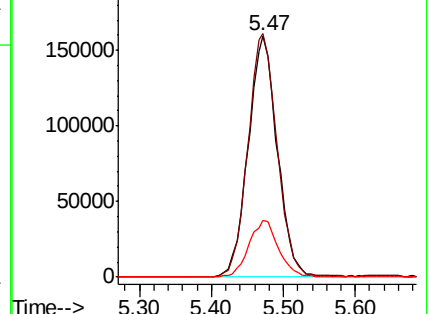
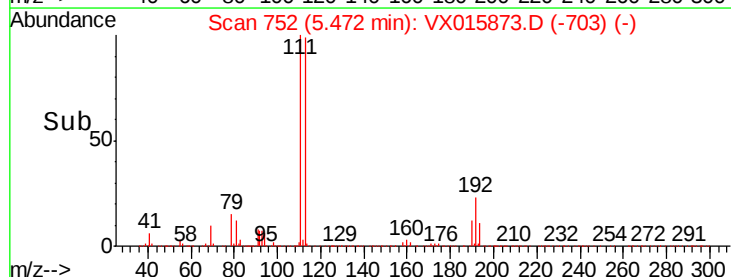
192 23.5 19.3 28.9

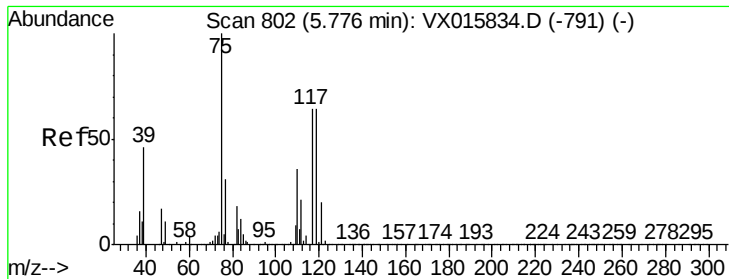


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

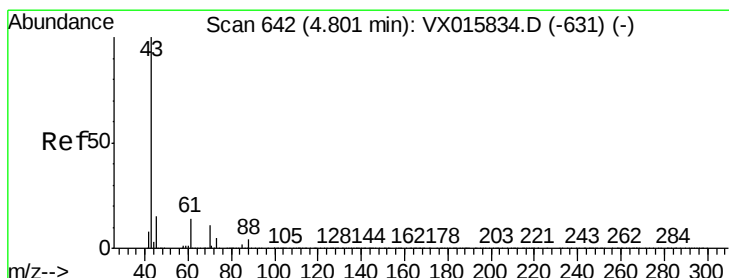
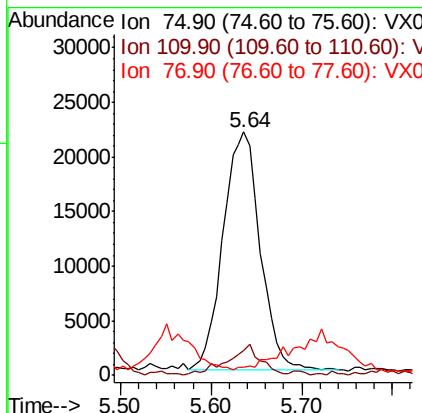
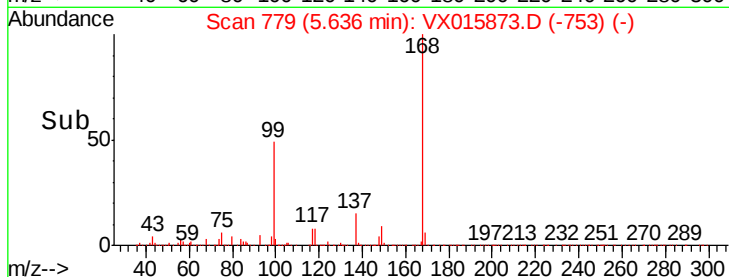
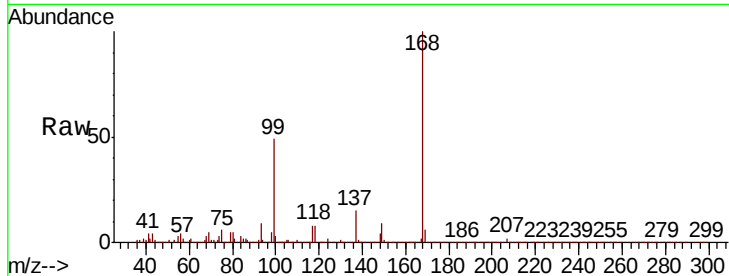




#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

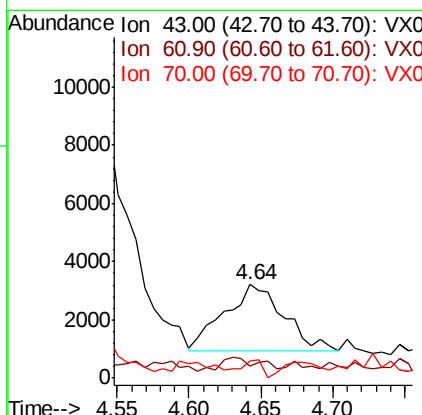
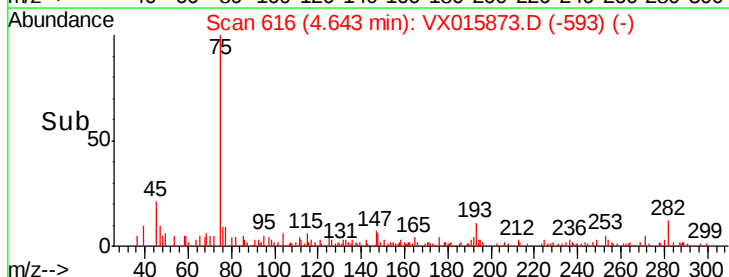
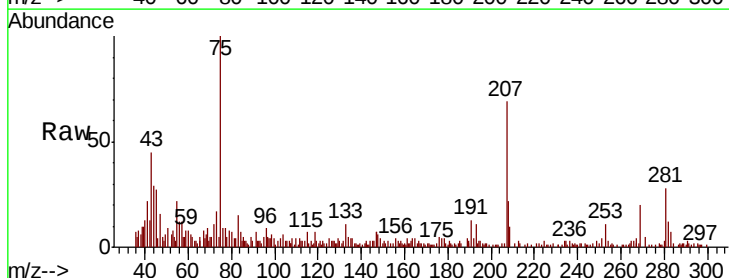
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421

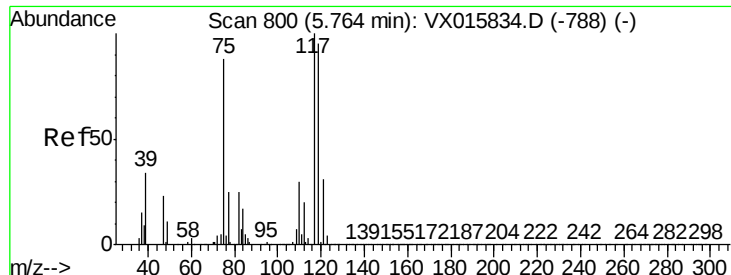
Tot Ion	Ratio	Lower	Upper
75	100		
110	11.6	17.9	53.8#
77	0.0	24.5	36.7#



#37
 Ethyl Acetate
 Concen: 0.411 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. -0.16 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.8	16.2
70	8.7	8.2	12.2





#38

Carbon Tetrachloride

Concen: 6.567 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

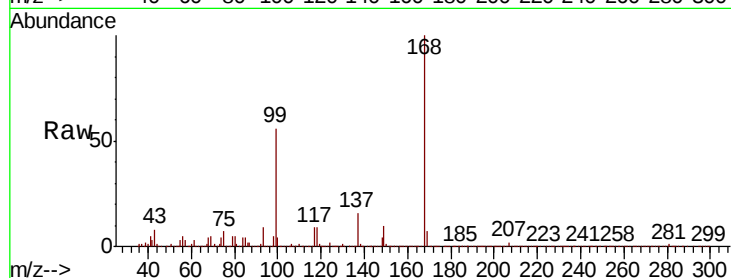
Tot Ion:117 Resp: 84537

Ion Ratio Lower Upper

117 100

119 4.3 75.7 113.5#

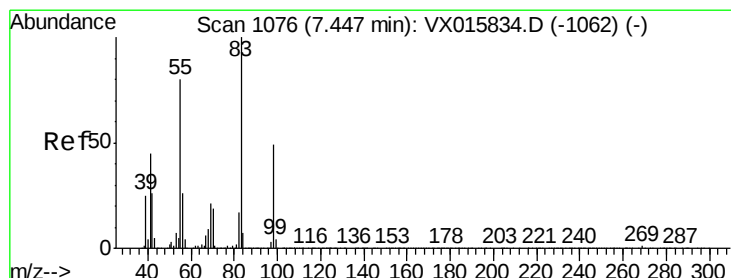
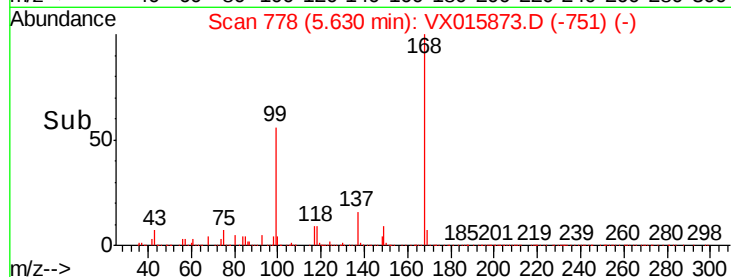
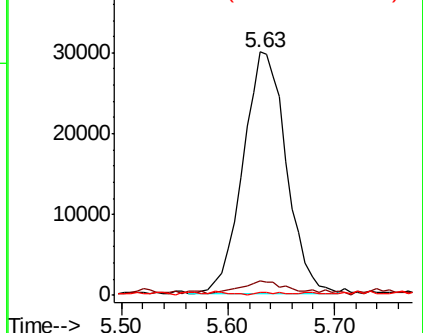
121 0.3 25.0 37.6#



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: 94.527 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

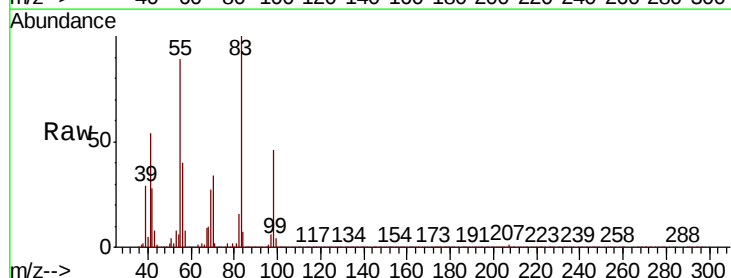
Tgt Ion: 83 Resp: 1564405

Ion Ratio Lower Upper

83 100

55 89.1 64.2 96.4

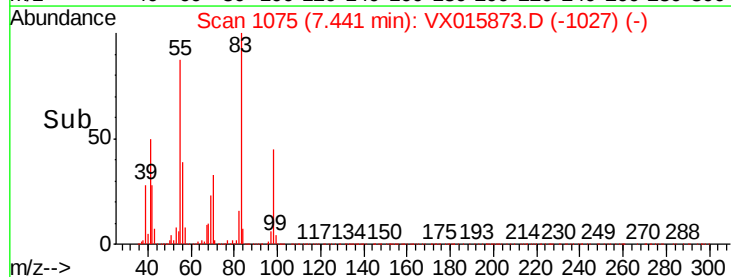
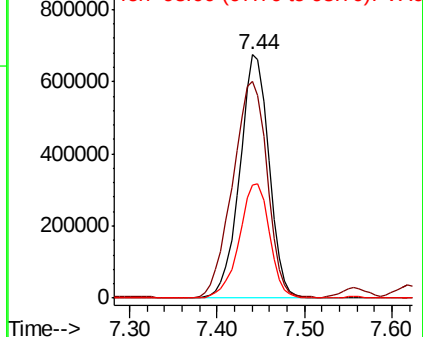
98 46.1 39.3 58.9

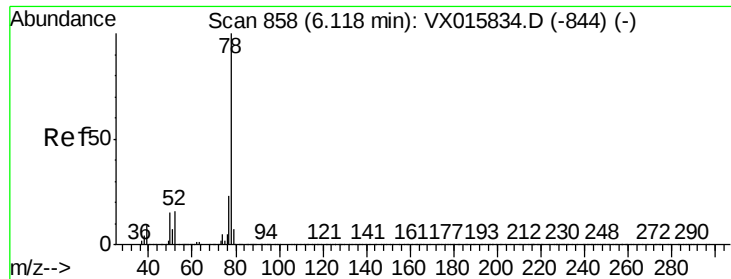


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 179.930 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

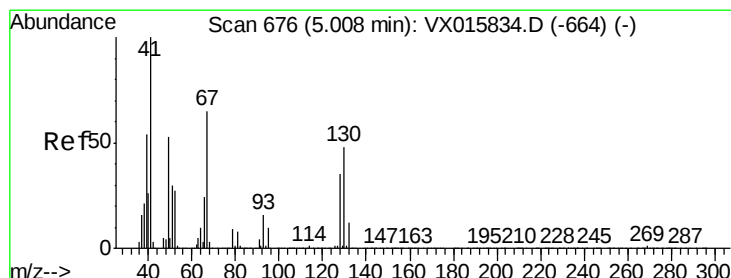
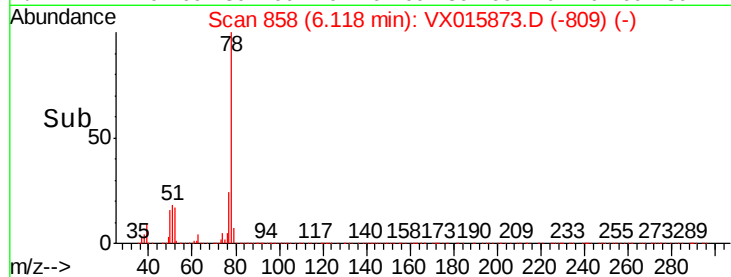
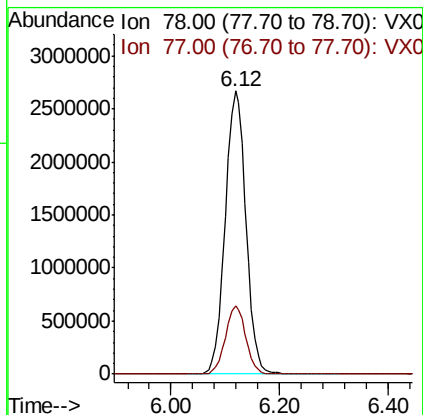
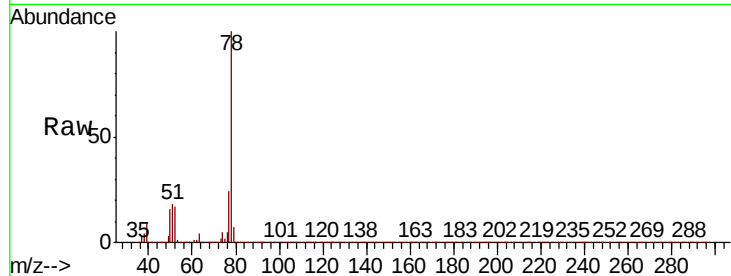
KY001MW079-200421

Tot Ion: 78 Resp: 7082311

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8



#41

Methacrylonitrile

Concen: 0.355 ug/l

RT: 4.98 min Scan# 671

Delta R.T. -0.03 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Tgt Ion: 41 Resp: 3065

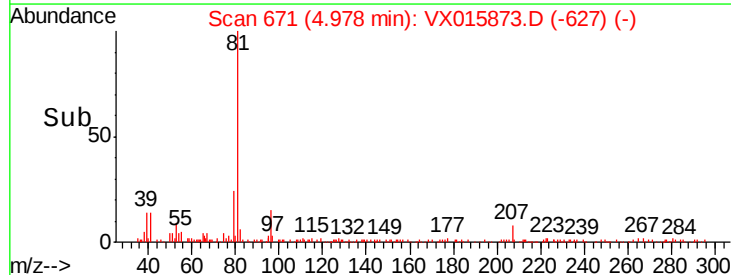
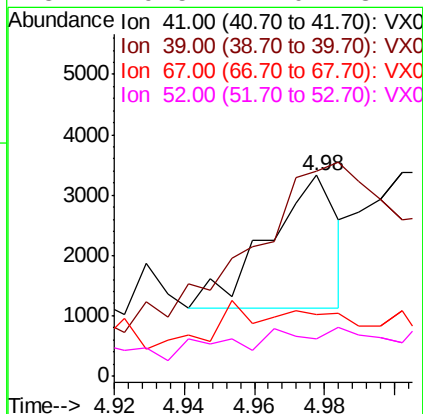
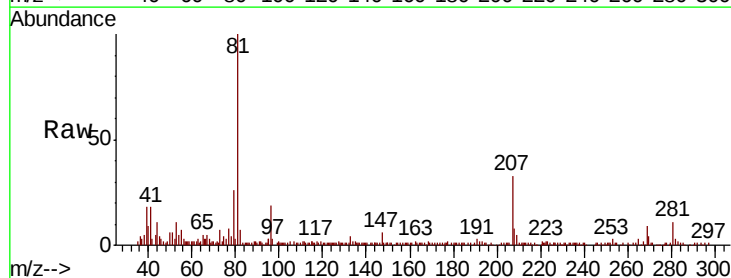
Ion Ratio Lower Upper

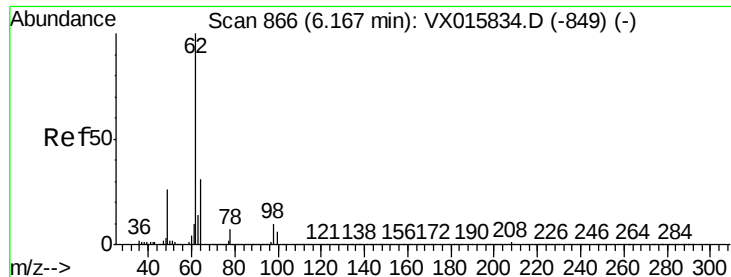
41 100

39 293.2 42.4 63.6#

67 0.0 51.9 77.9#

52 29.5 21.0 31.4





#42

1,2-Dichloroethane

Concen: 4.969 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.05 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

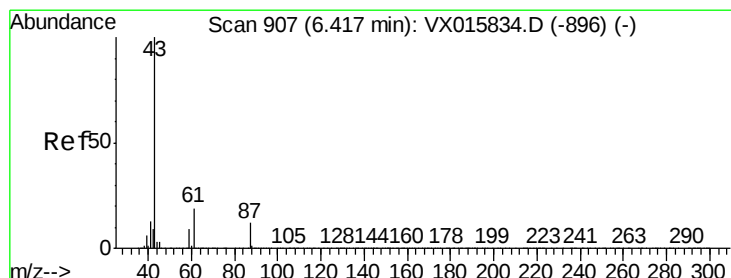
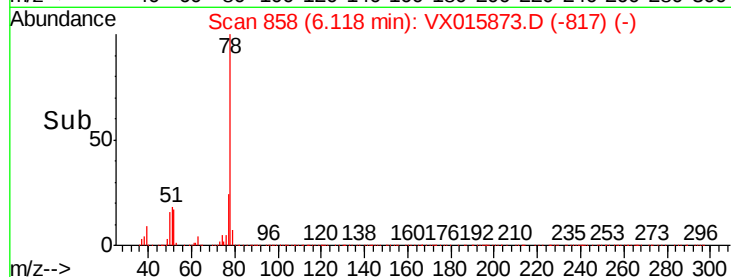
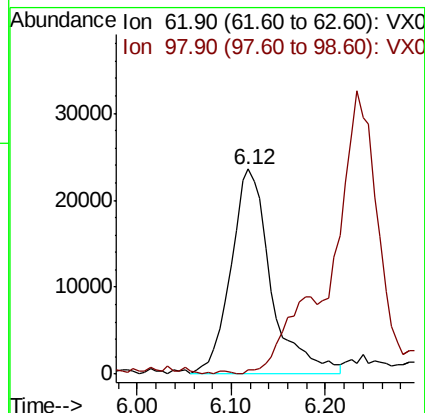
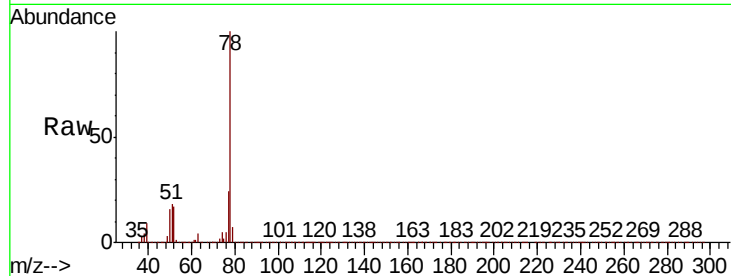
KY001MW079-200421

Tot Ion: 62 Resp: 70431

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.0



#43

Isopropyl Acetate

Concen: 2.650 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

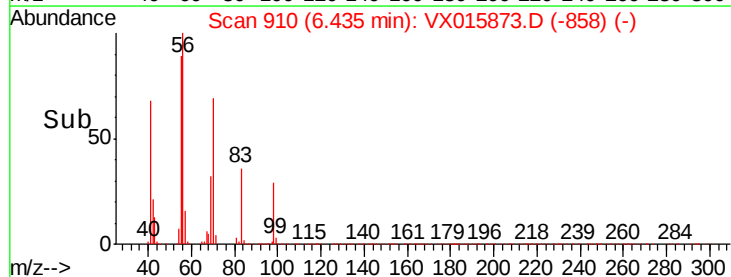
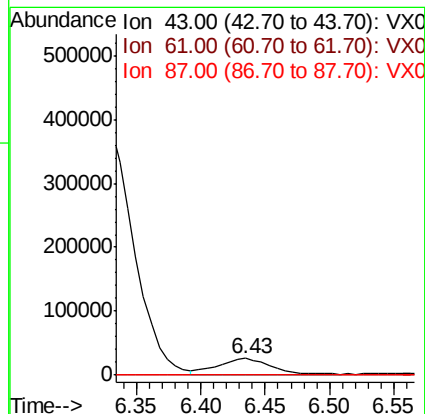
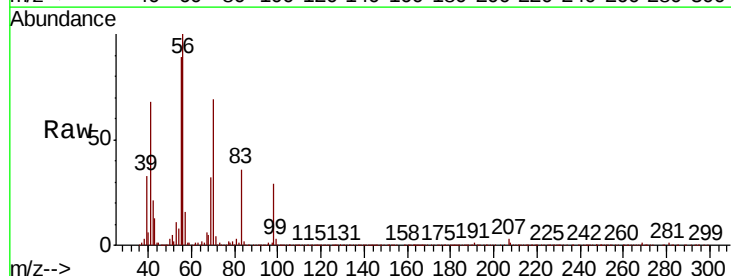
Tgt Ion: 43 Resp: 69537

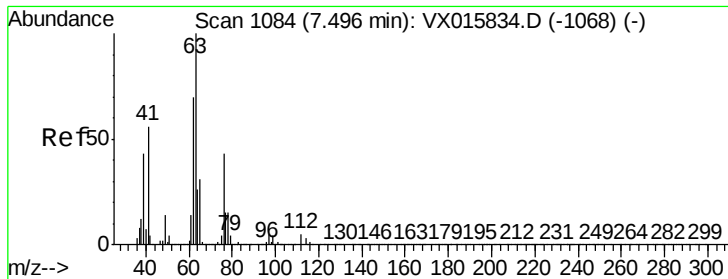
Ion Ratio Lower Upper

43 100

61 1.6 15.4 23.2#

87 0.0 9.8 14.6#





#45

1,2-Dichloropropane

Concen: 1.981 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.05 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

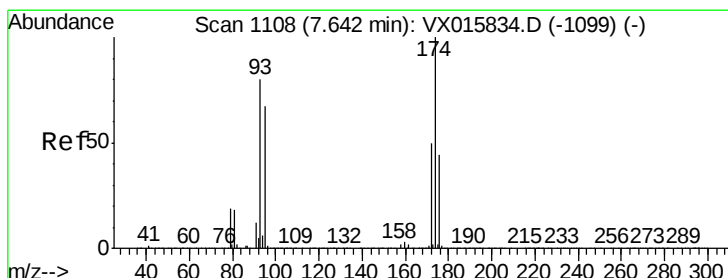
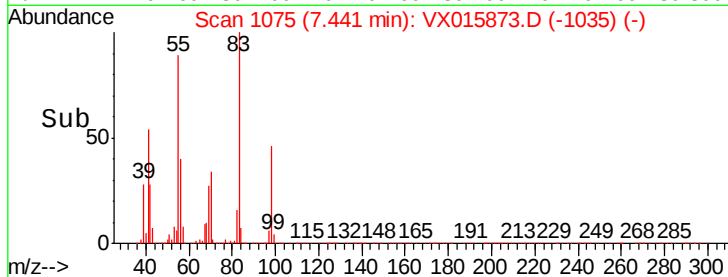
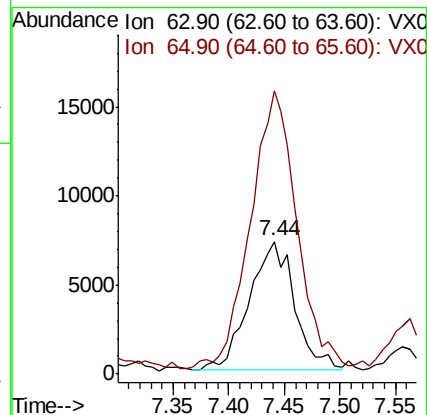
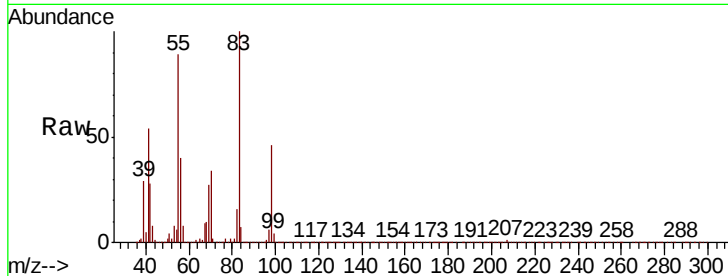
KY001MW079-200421

Tot Ion: 63 Resp: 20438

Ion Ratio Lower Upper

63 100

65 215.5 24.5 36.7#



#46

Dibromomethane

Concen: 0.883 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

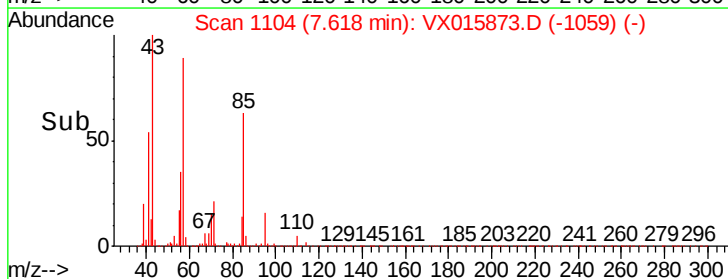
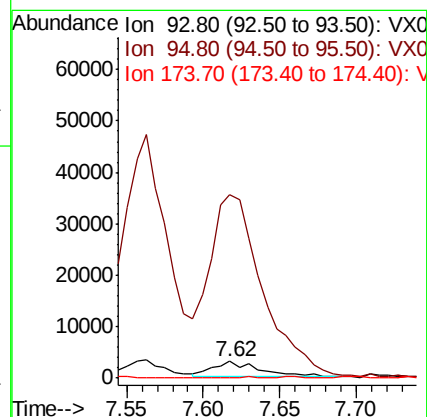
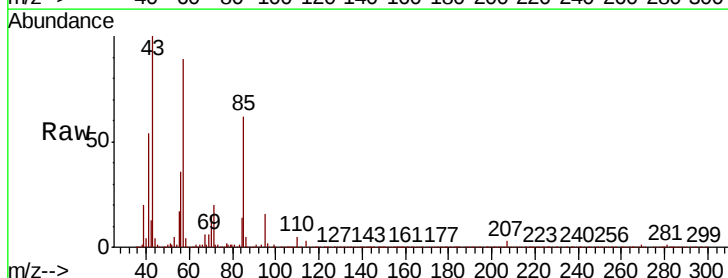
Tgt Ion: 93 Resp: 6649

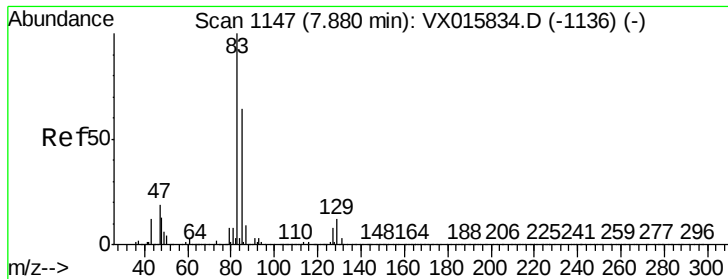
Ion Ratio Lower Upper

93 100

95 1279.7 65.8 98.8#

174 2.8 95.6 143.4#





#47

Bromodichloromethane

Concen: 2.001 ug/l

RT: 7.82 min Scan# 1138

Delta R.T. -0.05 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

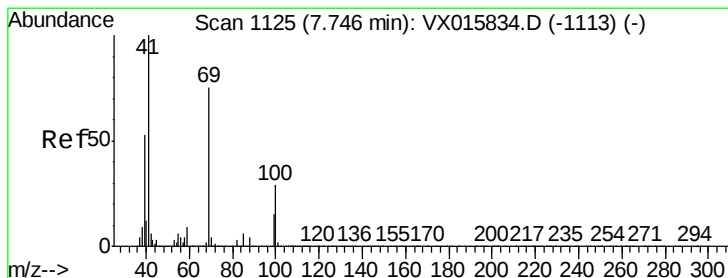
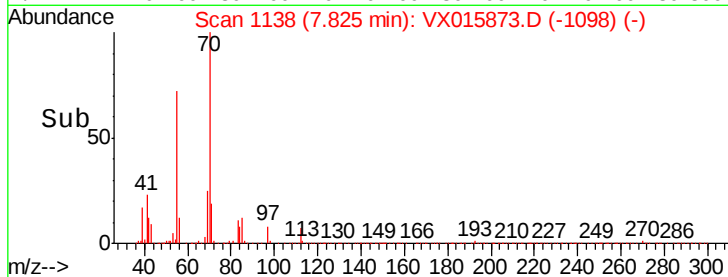
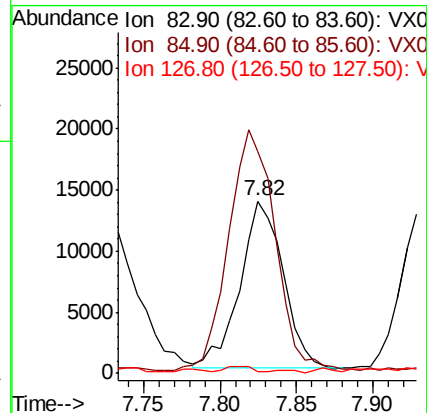
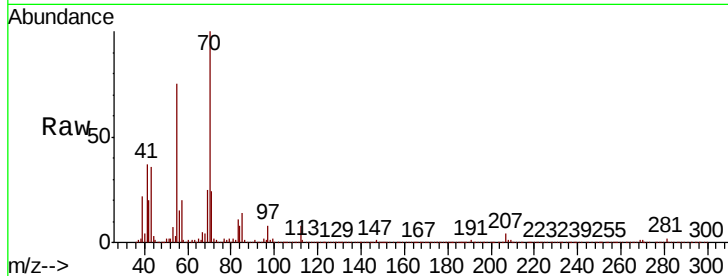
Tot Ion: 83 Resp: 26802

Ion Ratio Lower Upper

83 100

85 130.0 50.8 76.2#

127 0.0 6.6 10.0#



#48

Methyl methacrylate

Concen: 16.490 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

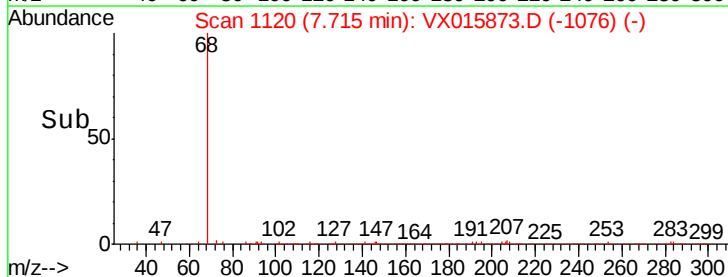
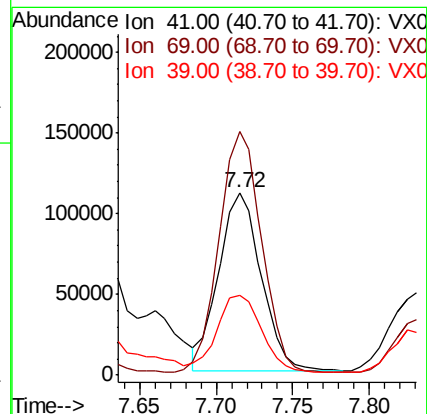
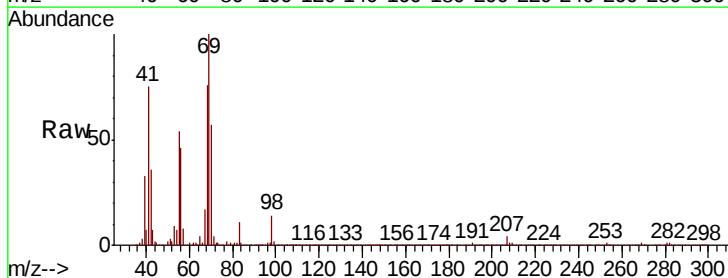
Tgt Ion: 41 Resp: 212815

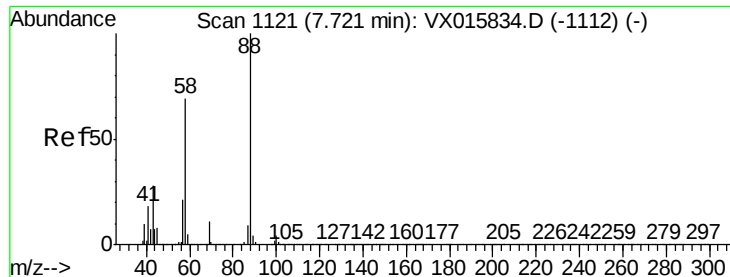
Ion Ratio Lower Upper

41 100

69 136.0 60.5 90.7#

39 46.3 42.1 63.1





#49

1,4-Dioxane

Concen: 3.600 ug/l

RT: 7.70 min Scan# 1118

Delta R.T. -0.02 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

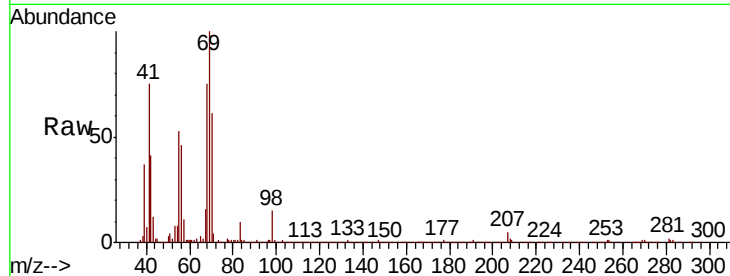
Tot Ion: 88 Resp: 878

Ion Ratio Lower Upper

88 100

43 2218.0 28.2 42.4#

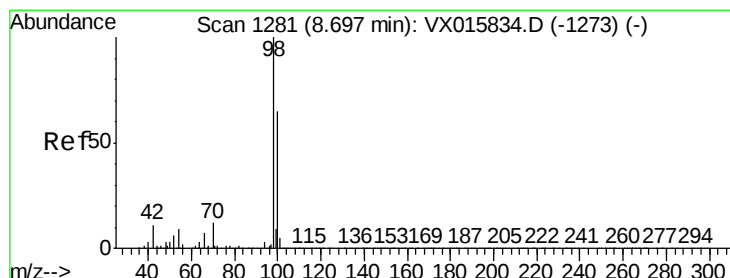
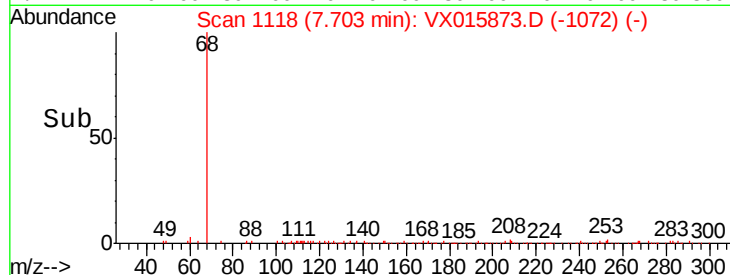
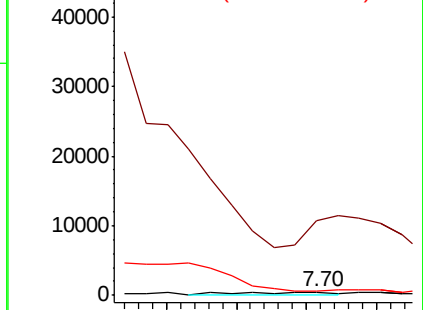
58 0.0 58.9 88.3#



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: 51.382 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015873.D

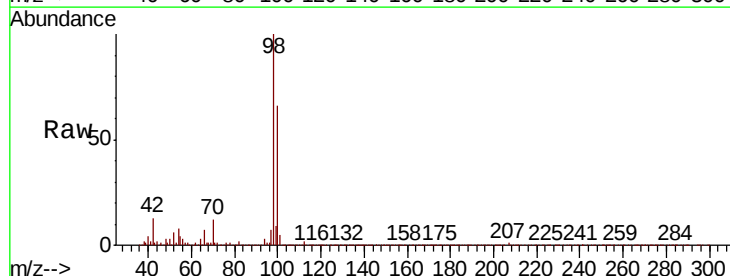
Acq: 23 Apr 2020 04:43

Tgt Ion: 98 Resp: 1760112

Ion Ratio Lower Upper

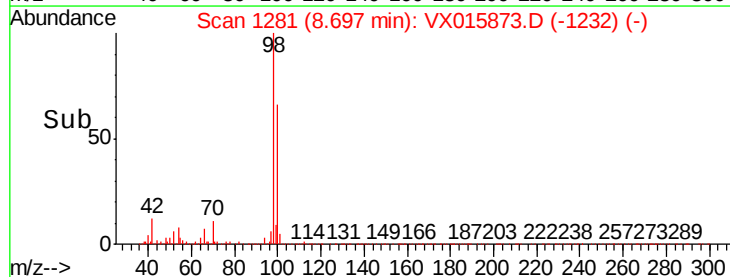
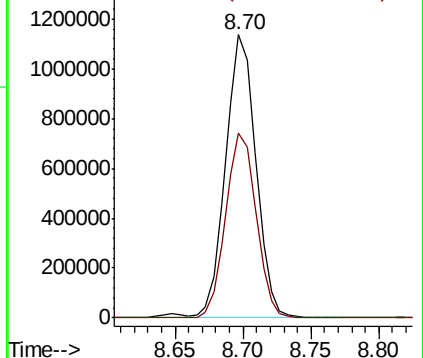
98 100

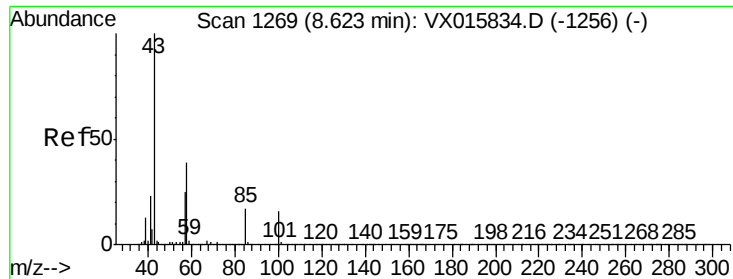
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 6.295 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.04 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

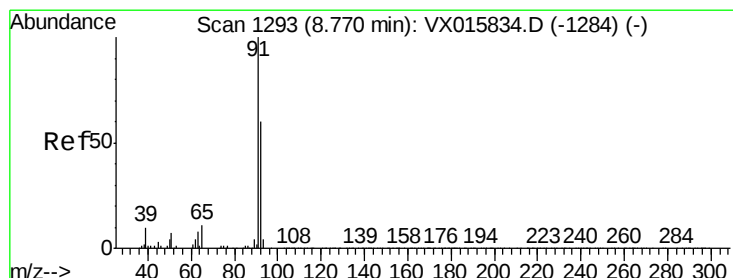
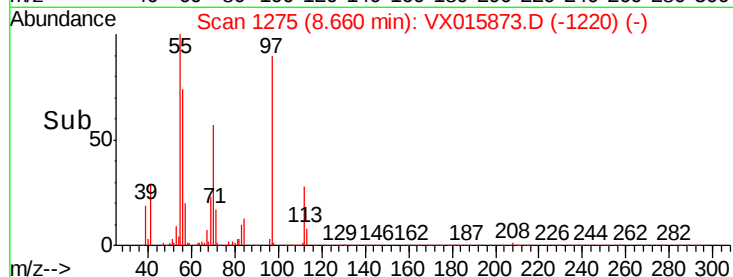
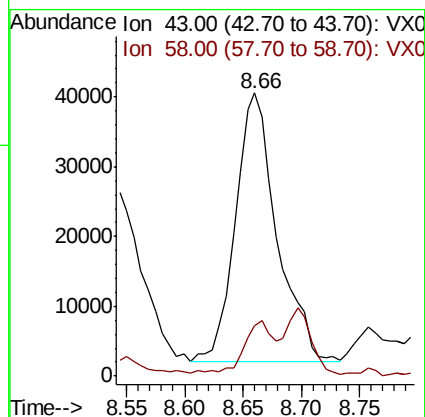
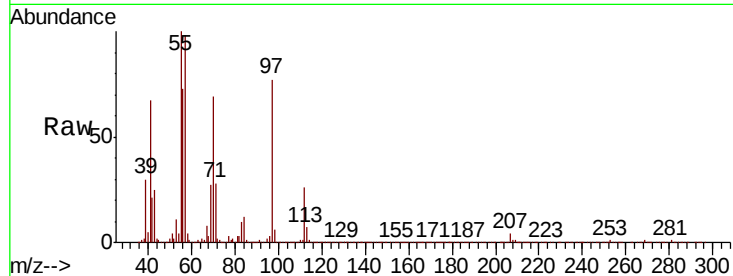
KY001MW079-200421

Tot Ion: 43 Resp: 95329

Ion Ratio Lower Upper

43 100

58 13.2 30.6 45.8#



#52

Toluene

Concen: 3.853 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015873.D

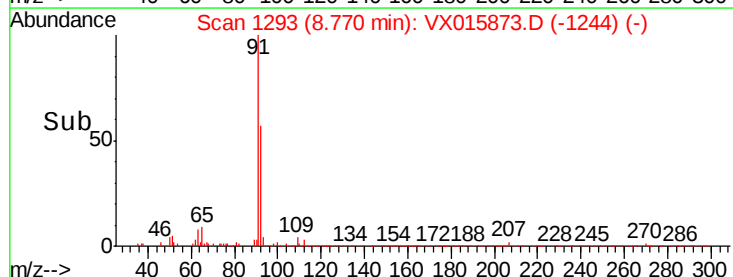
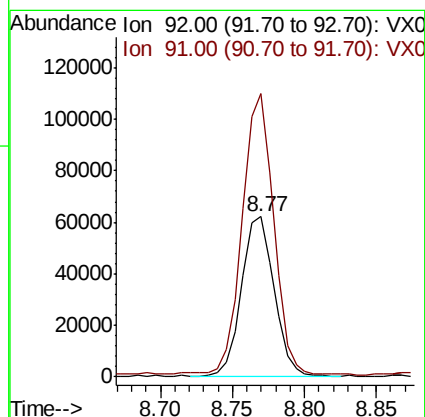
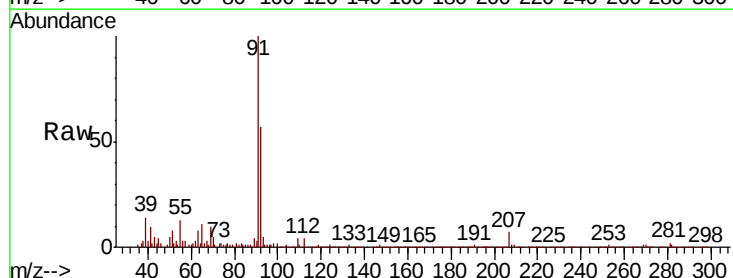
Acq: 23 Apr 2020 04:43

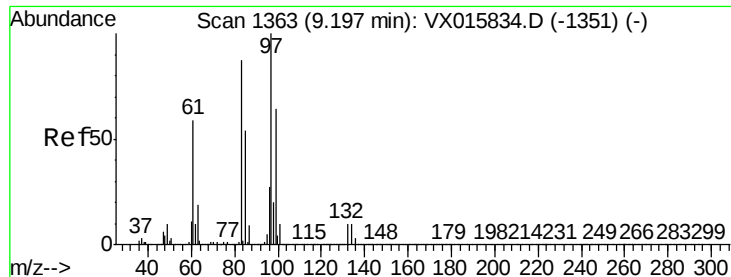
Tgt Ion: 92 Resp: 97211

Ion Ratio Lower Upper

92 100

91 168.3 133.4 200.0

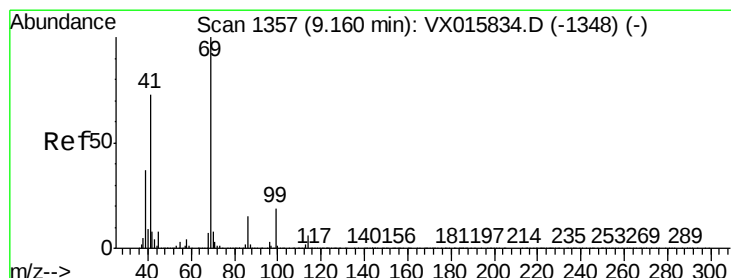
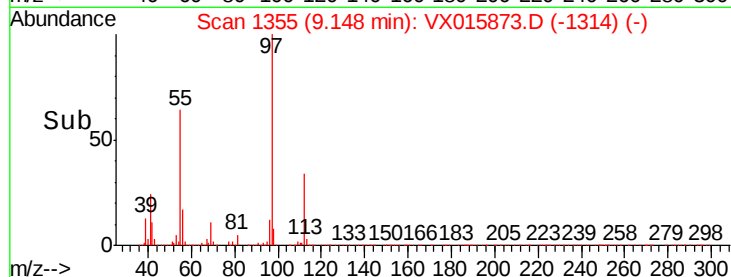
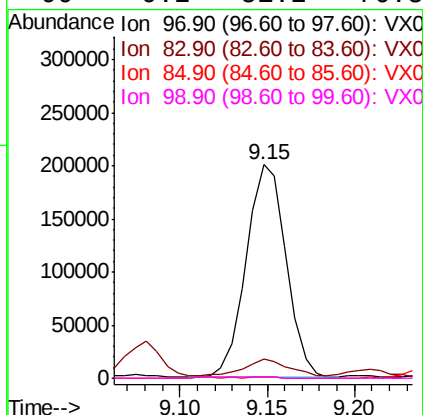
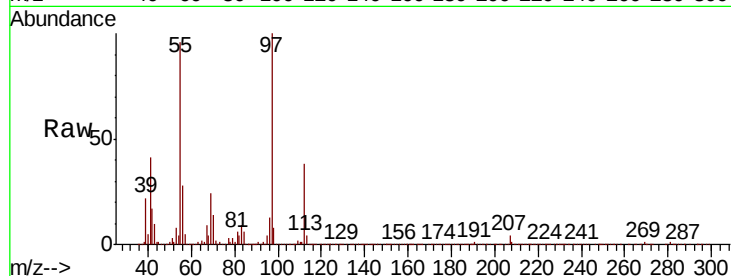




#55
 1,1,2-Trichloroethane
 Concen: 32.654 ug/l
 RT: 9.15 min Scan# 1355
 Delta R.T. -0.05 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

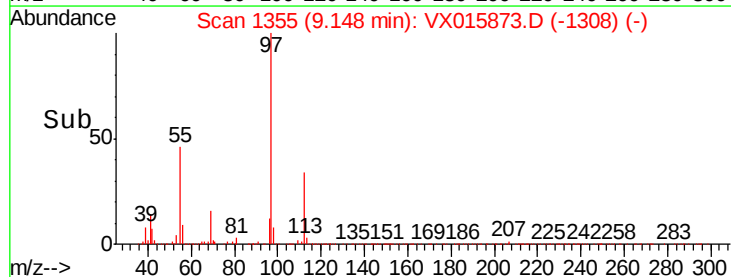
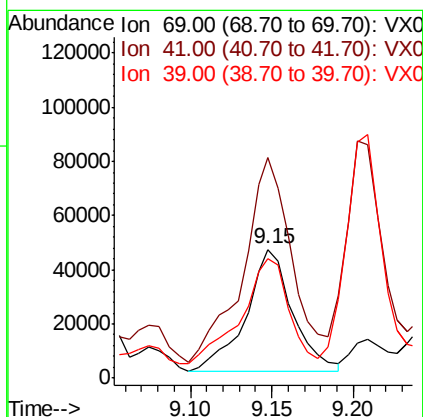
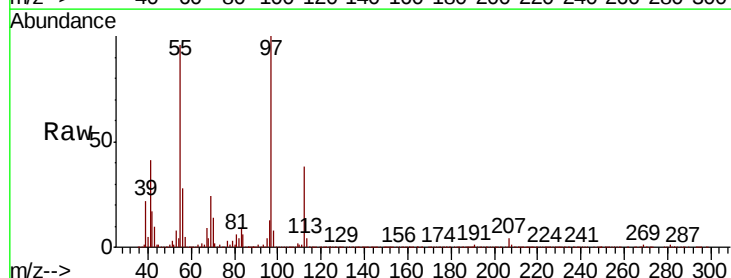
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421

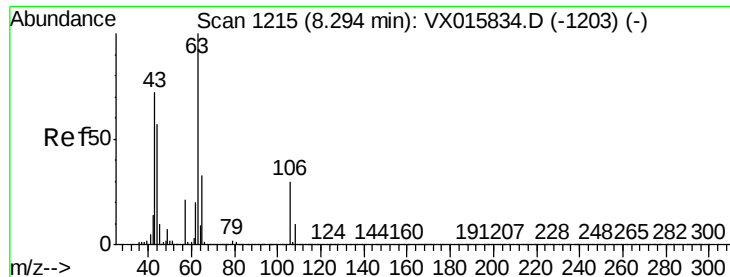
Tot Ion:	97	Resp:	321697
Ion	Ratio	Lower	Upper
97	100		
83	8.1	69.8	104.8#
85	0.5	43.4	65.2#
99	0.2	51.2	76.8#



#56
 Ethyl methacrylate
 Concen: 5.337 ug/l
 RT: 9.15 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

Tgt Ion:	69	Resp:	89061
Ion	Ratio	Lower	Upper
69	100		
41	175.5	57.4	86.2#
39	88.4	29.7	44.5#

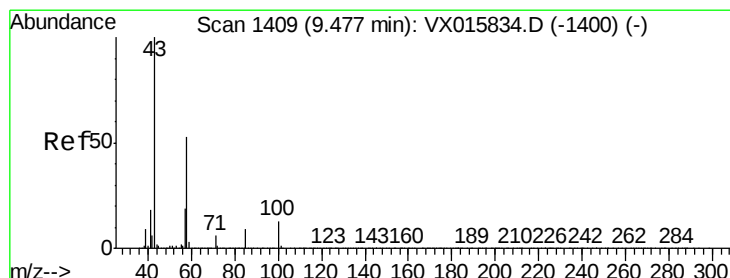
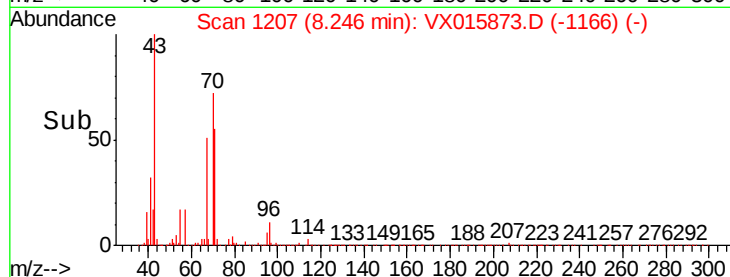
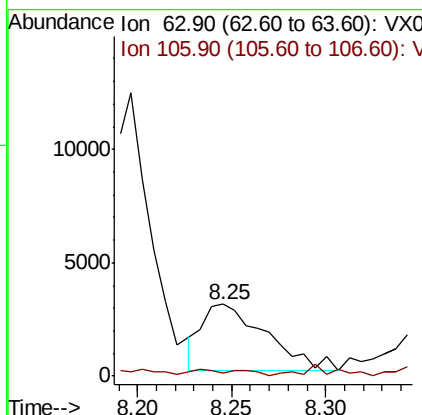
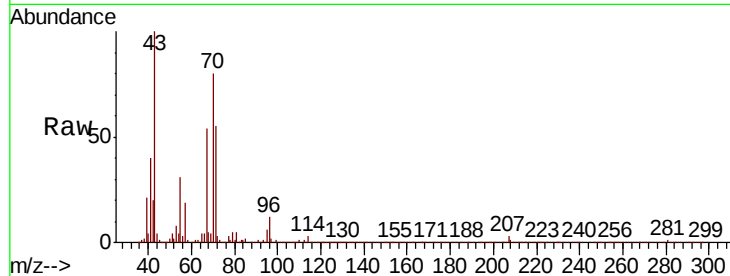




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.847 ug/l
 RT: 8.25 min Scan# 1207
 Delta R.T. -0.05 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

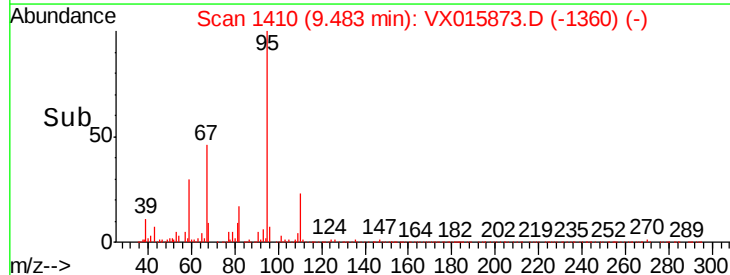
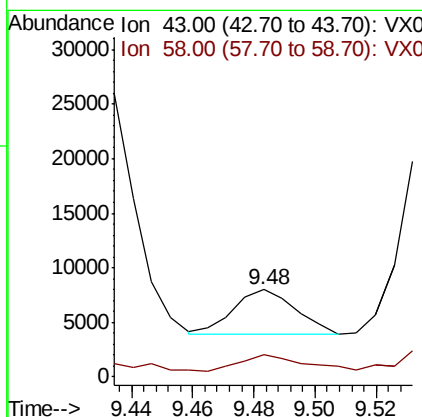
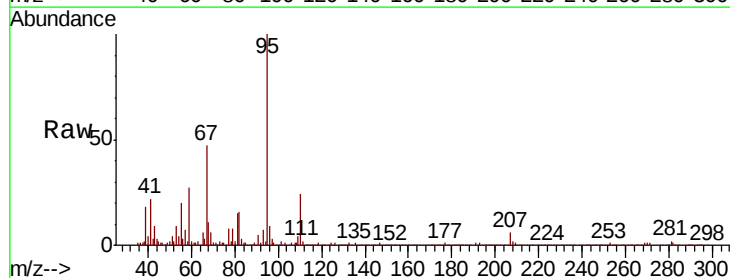
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421

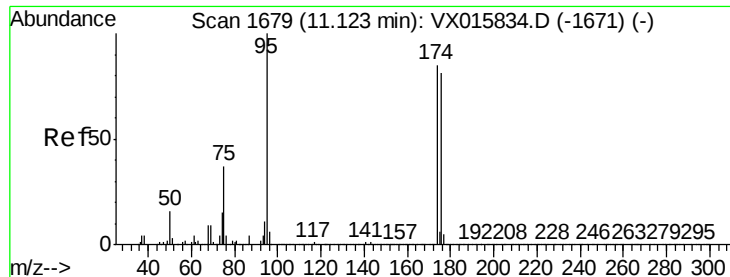
Tot Ion: 63 Resp: 7062
 Ion Ratio Lower Upper
 63 100
 106 3.2 23.8 35.8#



#59
 2-Hexanone
 Concen: 0.489 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. 0.01 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

Tgt Ion: 43 Resp: 5642
 Ion Ratio Lower Upper
 43 100
 58 46.6 26.5 79.4

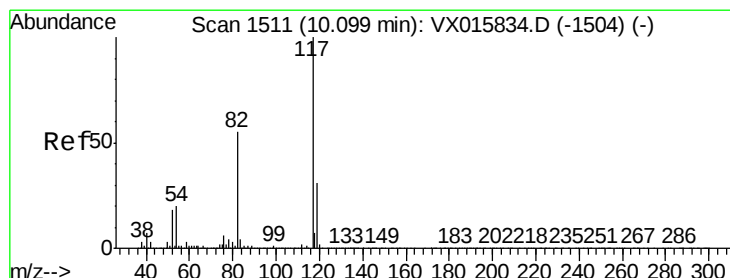
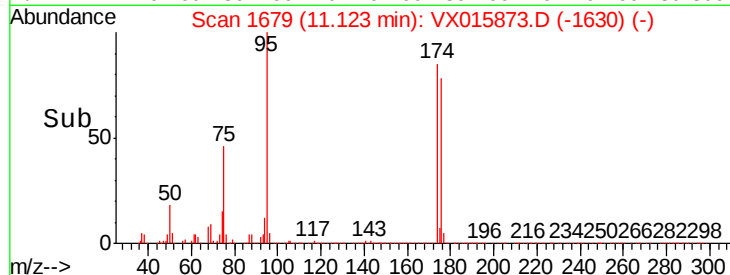
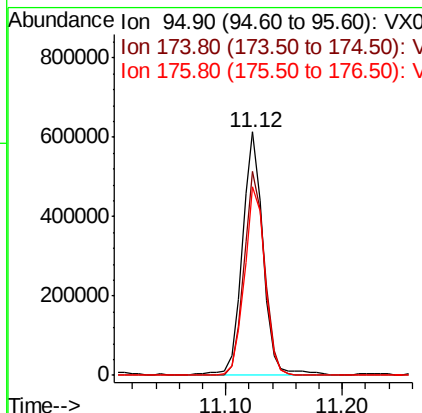
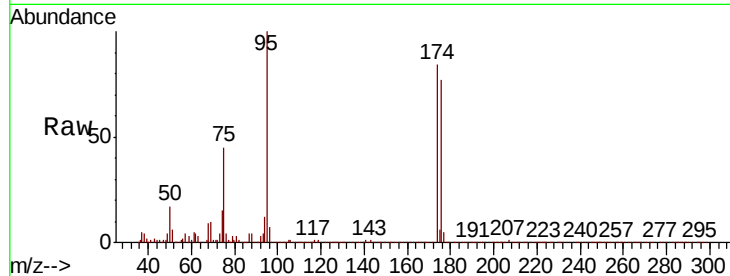




#62
4-Bromofluorobenzene
Concen: 53.521 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

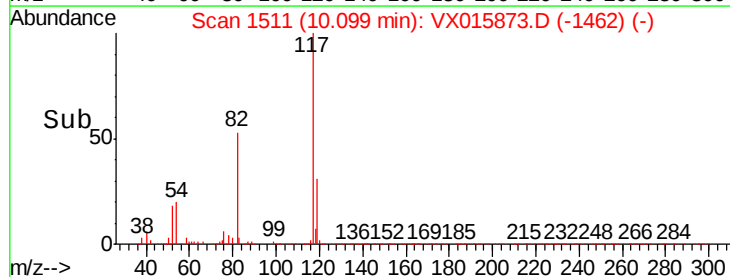
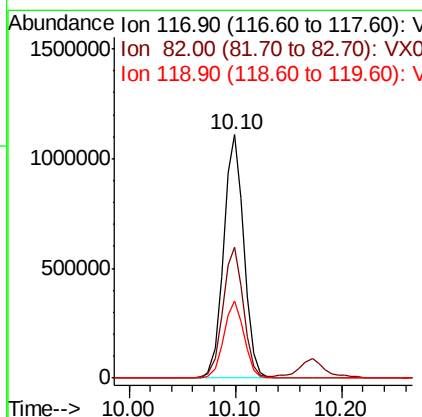
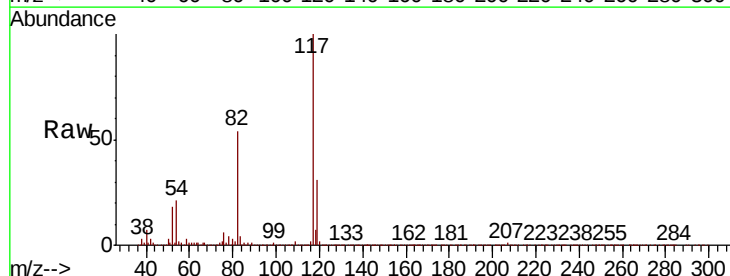
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

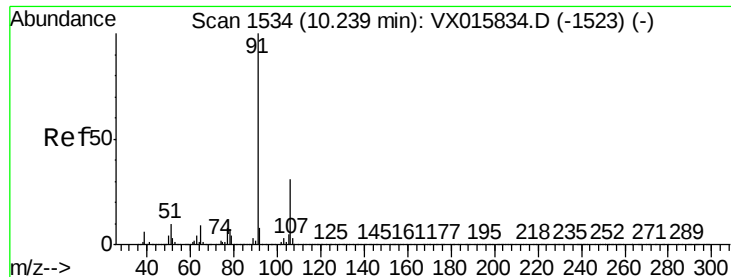
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	172.4
176	78.1	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.9	65.9
119	31.5	25.1	37.7





#67

Ethyl Benzene

Concen: 230.039 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.11 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

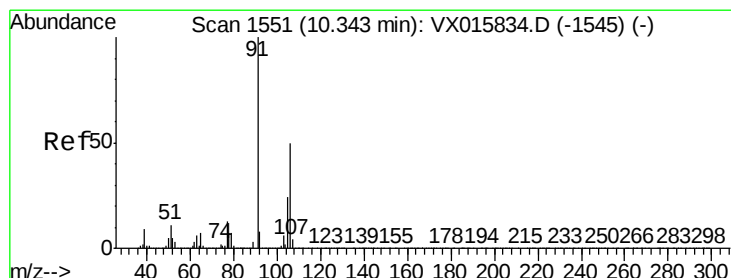
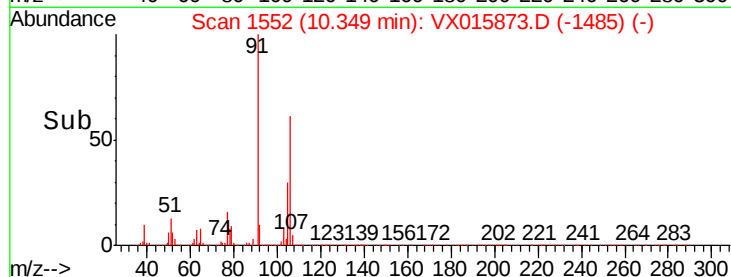
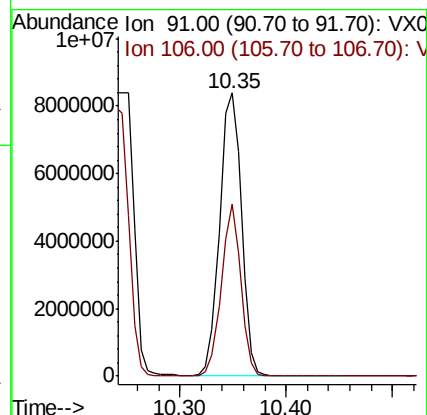
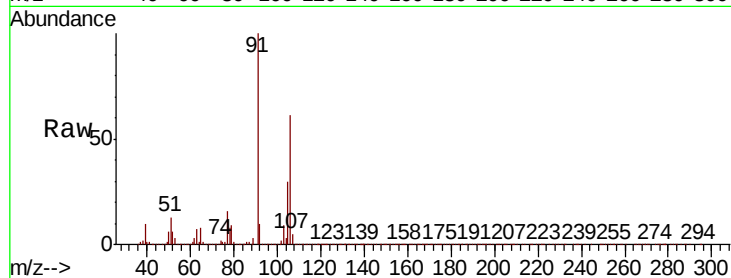
KY001MW079-200421

Tot Ion: 91 Resp: 11909353

Ion Ratio Lower Upper

91 100

106 60.7 25.0 37.4#



#68

m/p-Xylenes

Concen: 331.839 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015873.D

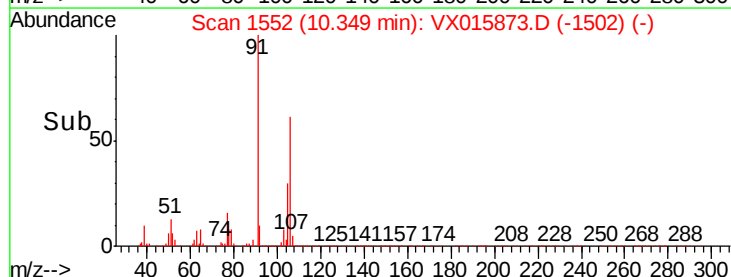
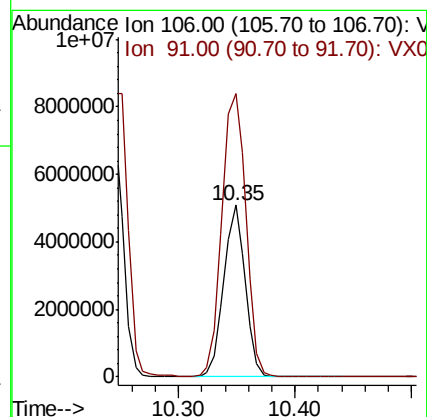
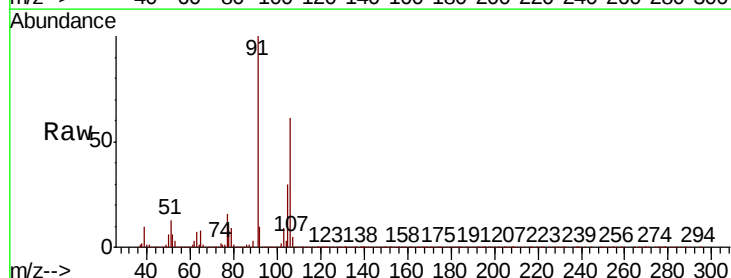
Acq: 23 Apr 2020 04:43

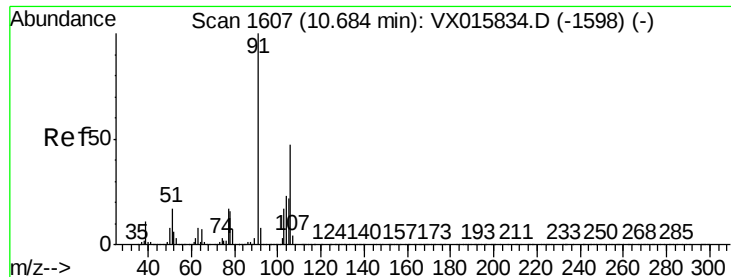
Tgt Ion: 106 Resp: 6448407

Ion Ratio Lower Upper

106 100

91 184.7 161.1 241.7

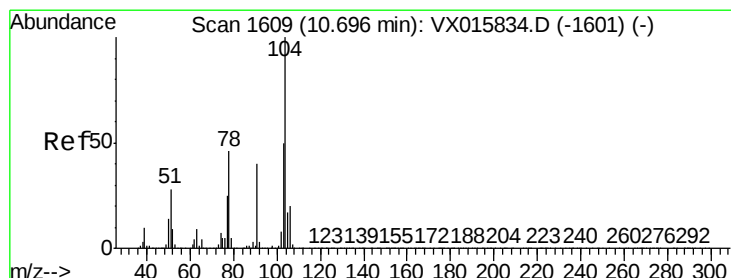
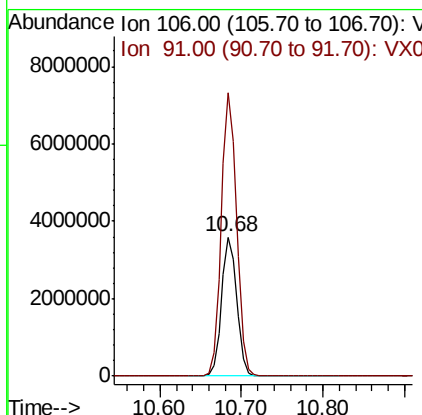
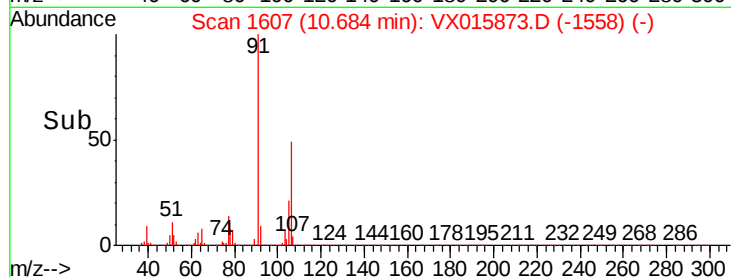
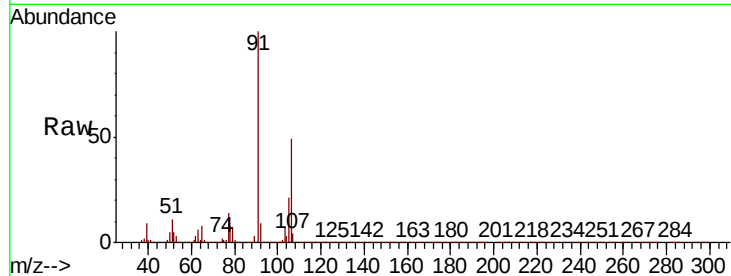




#69
o-Xylene
Concen: 244.462 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

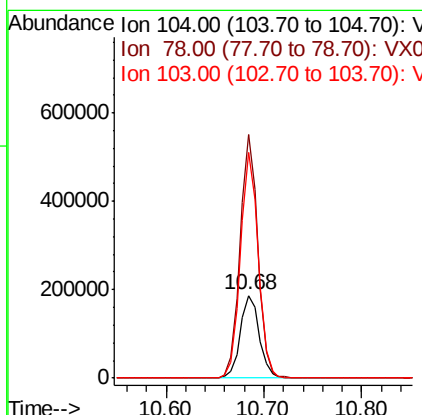
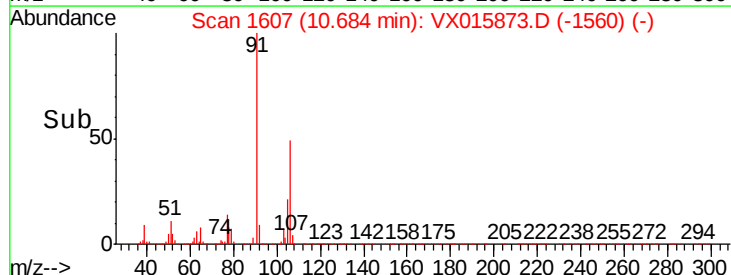
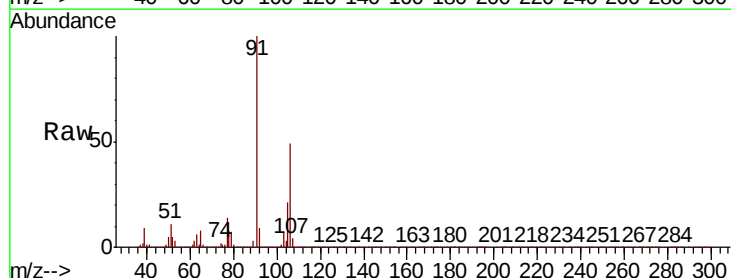
Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

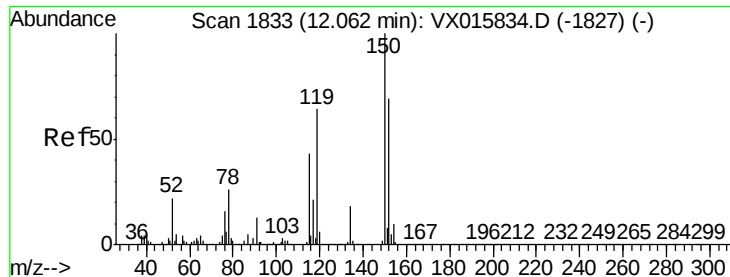
Tot Ion:106 Resp: 4674725
Ion Ratio Lower Upper
106 100
91 205.9 107.1 321.3



#70
Styrene
Concen: 7.610 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.01 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Tgt Ion:104 Resp: 251965
Ion Ratio Lower Upper
104 100
78 275.0 40.1 60.1#
103 255.0 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: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

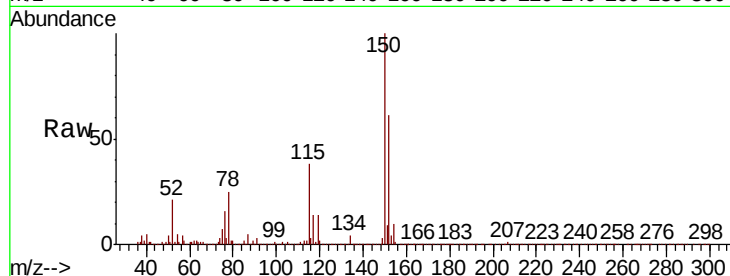
Tot Ion:152 Resp: 759304

Ion Ratio Lower Upper

152 100

115 61.2 39.0 116.9

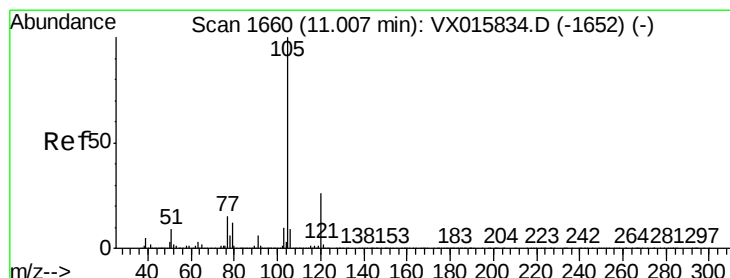
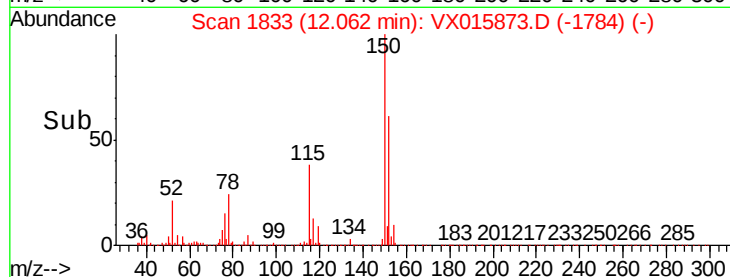
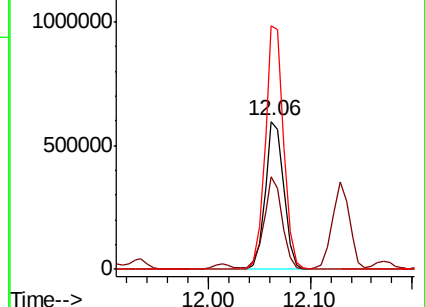
150 162.4 0.0 336.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 294.301 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015873.D

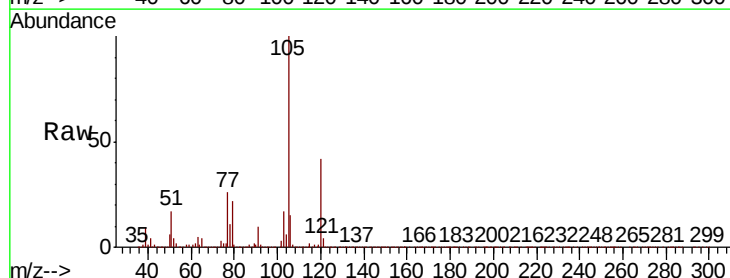
Acq: 23 Apr 2020 04:43

Tgt Ion:105 Resp:14192188

Ion Ratio Lower Upper

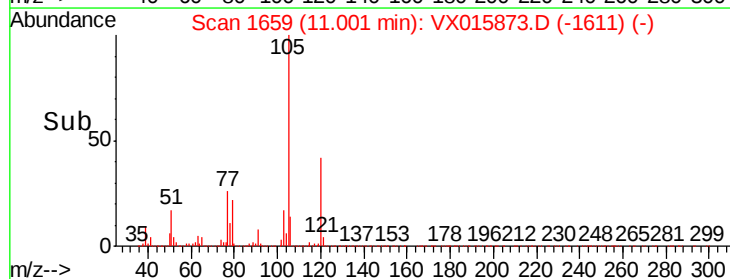
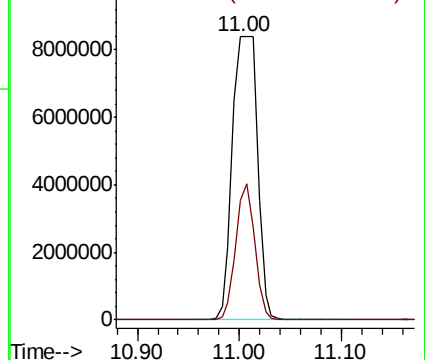
105 100

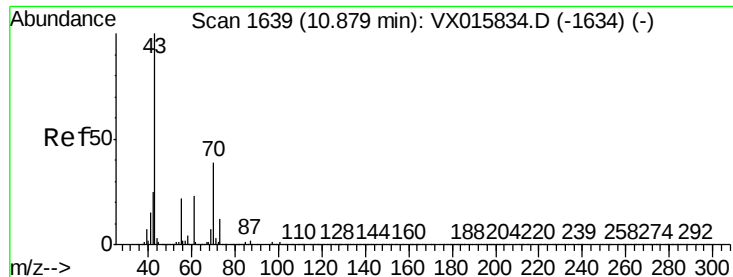
120 36.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.386 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

Tot Ion: 43 Resp: 9610

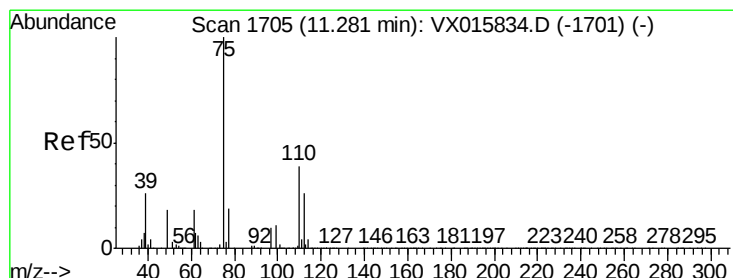
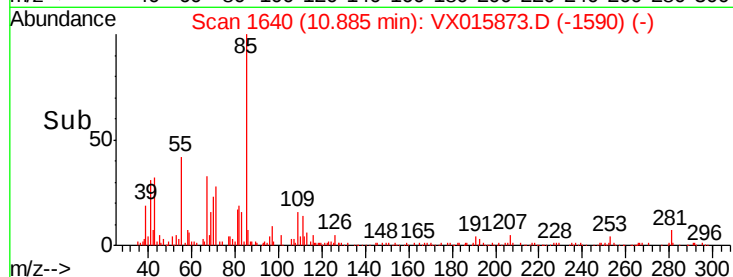
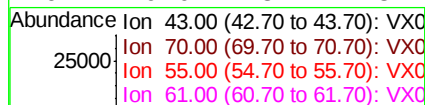
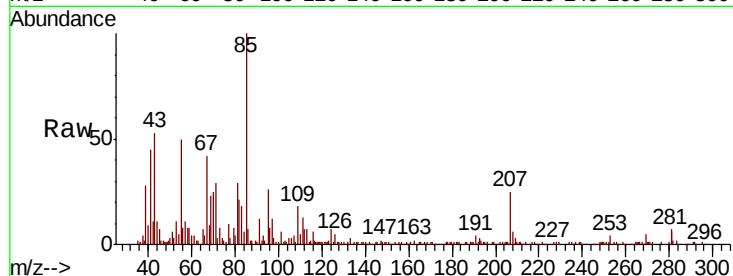
Ion Ratio Lower Upper

43 100

70 129.6 32.6 49.0#

55 294.5 18.3 27.5#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 10.910 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.07 min

Lab File: VX015873.D

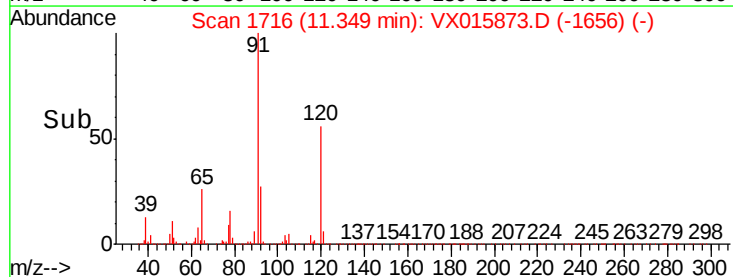
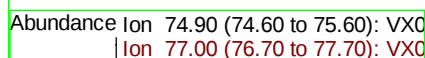
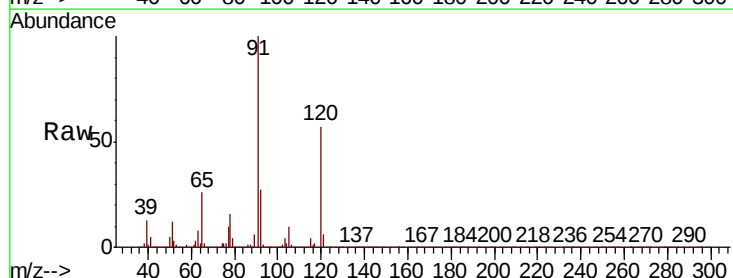
Acq: 23 Apr 2020 04:43

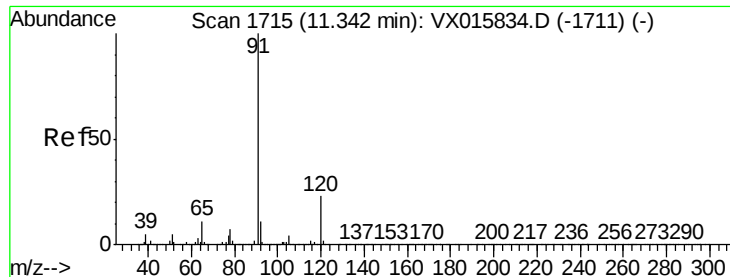
Tgt Ion: 75 Resp: 157528

Ion Ratio Lower Upper

75 100

77 653.6 21.3 63.9#





#78

n-propylbenzene

Concen: 279.093 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

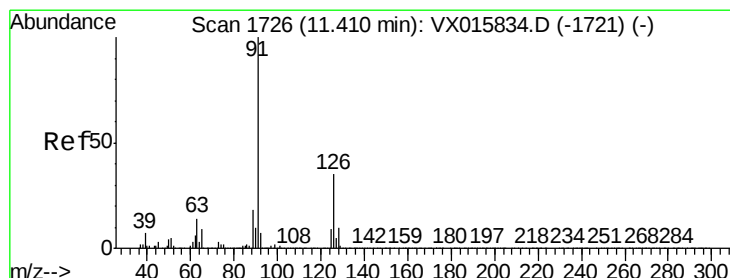
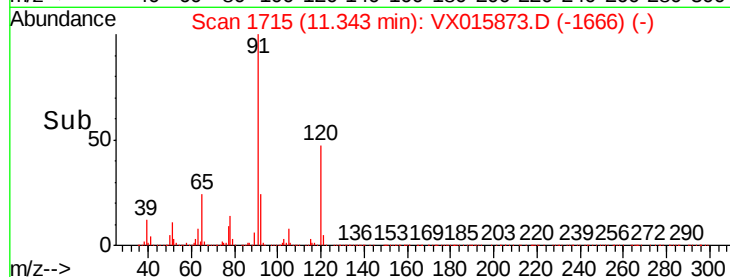
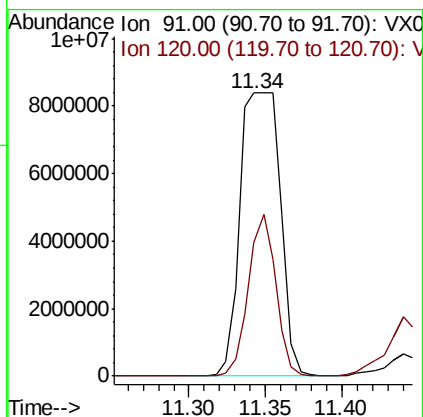
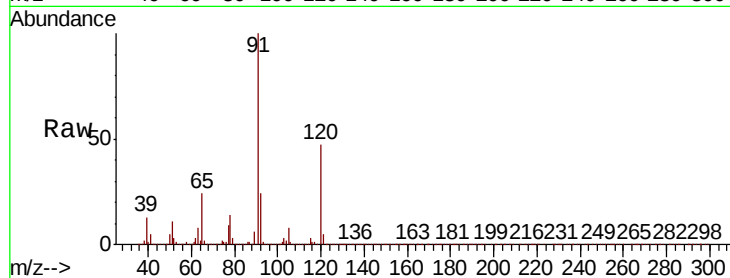
KY001MW079-200421

Tot Ion: 91 Resp:15417716

Ion Ratio Lower Upper

91 100

120 38.8 11.7 35.1#



#79

2-Chlorotoluene

Concen: 29.078 ug/l

RT: 11.44 min Scan# 1731

Delta R.T. 0.03 min

Lab File: VX015873.D

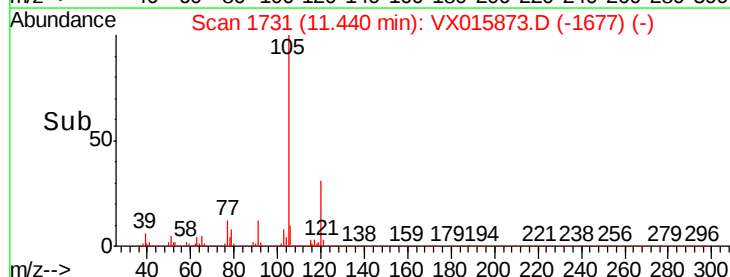
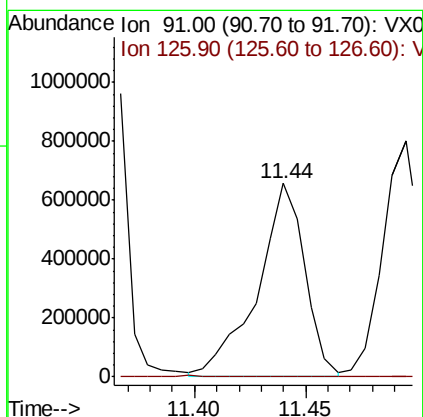
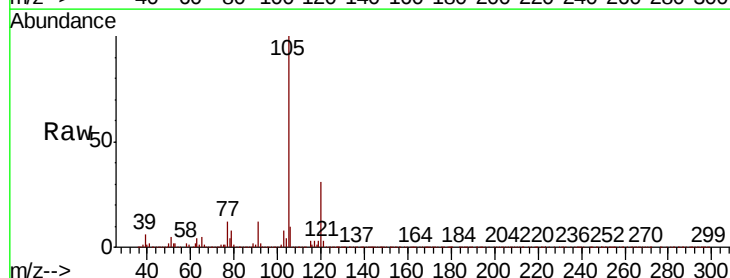
Acq: 23 Apr 2020 04:43

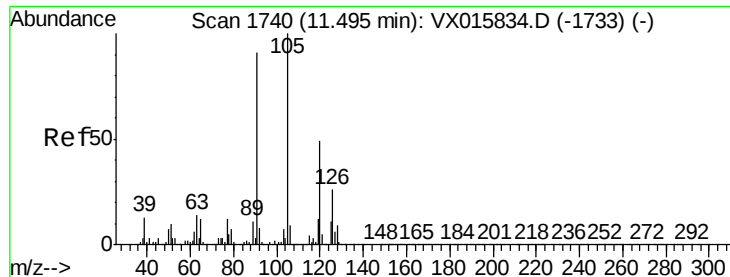
Tgt Ion: 91 Resp: 964901

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#

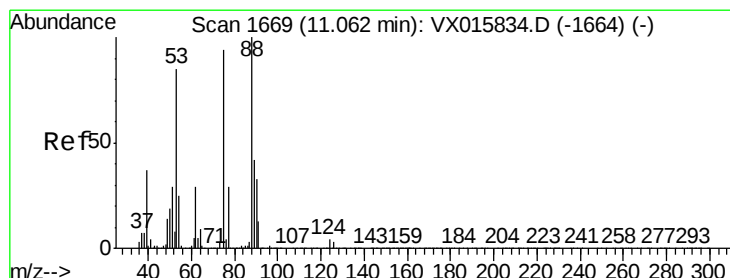
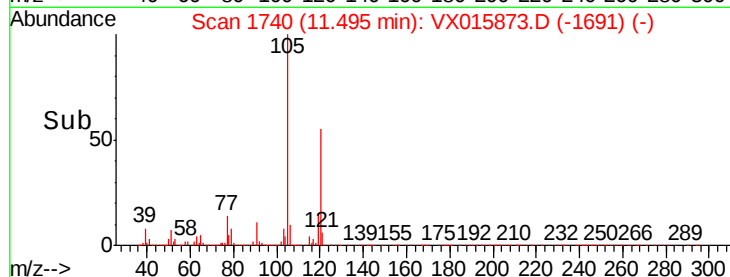
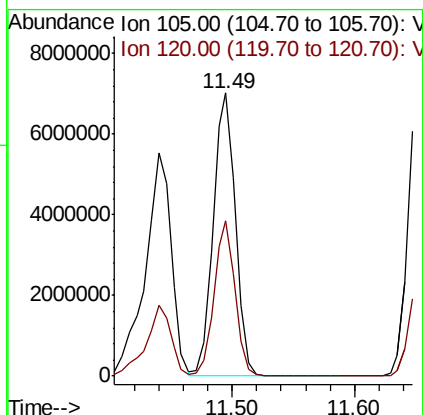
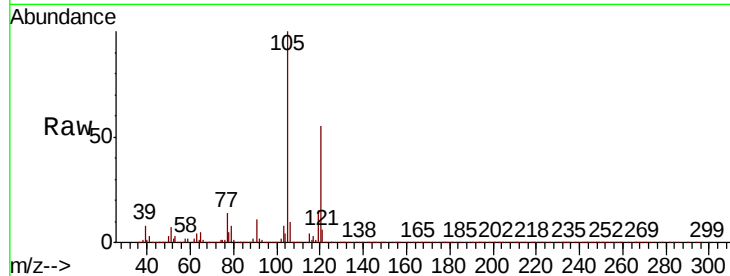




#80
 1,3,5-Trimethylbenzene
 Concen: 216.799 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

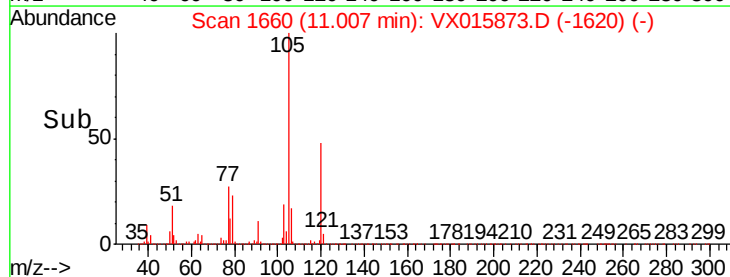
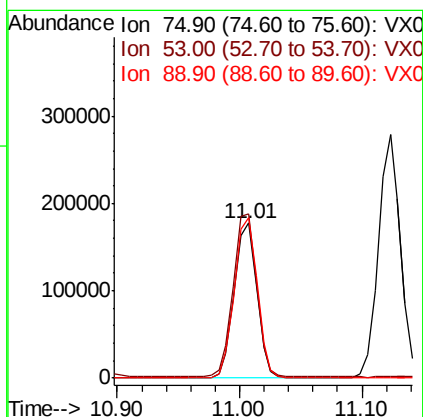
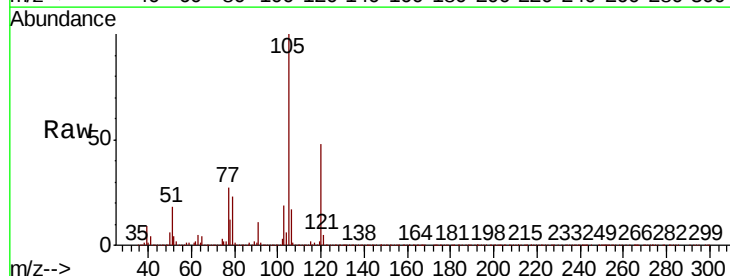
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421

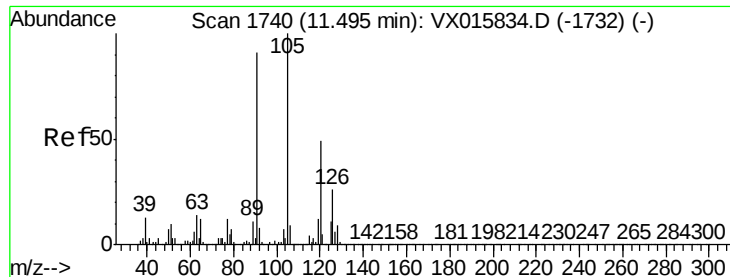
Tot Ion:105 Resp: 8914639
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 37.522 ug/l
 RT: 11.01 min Scan# 1660
 Delta R.T. -0.05 min
 Lab File: VX015873.D
 Acq: 23 Apr 2020 04:43

Tgt Ion: 75 Resp: 225217
 Ion Ratio Lower Upper
 75 100
 53 108.4 74.2 111.2
 89 103.9 38.0 57.0#





#82

4-Chlorotoluene

Concen: 24.600 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

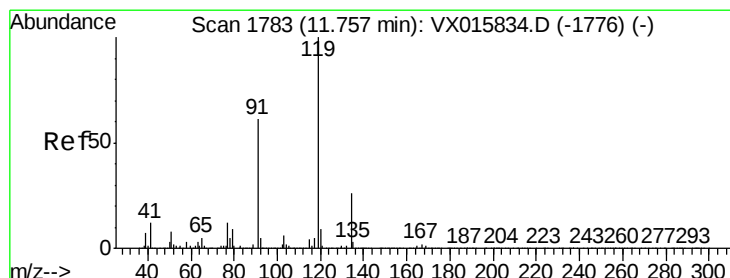
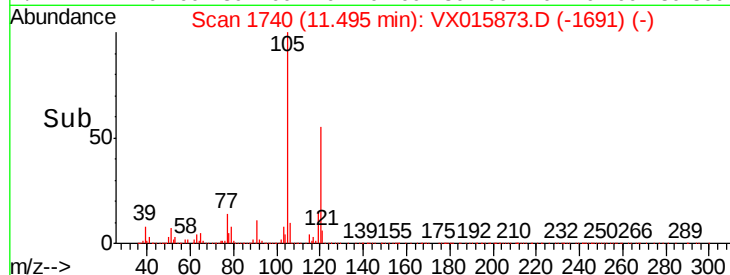
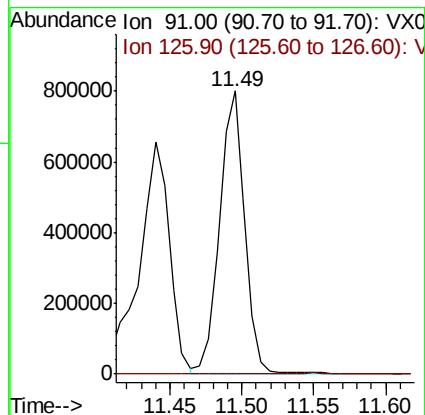
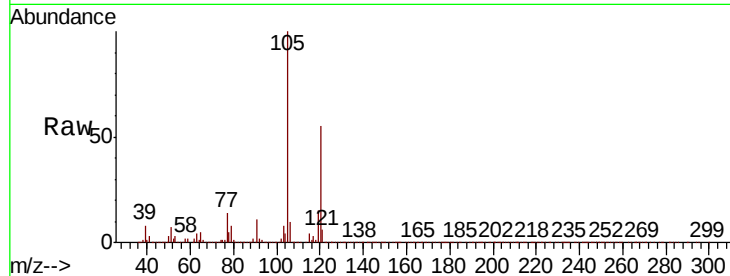
KY001MW079-200421

Tot Ion: 91 Resp: 970014

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



#83

tert-Butylbenzene

Concen: 125.748 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.04 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

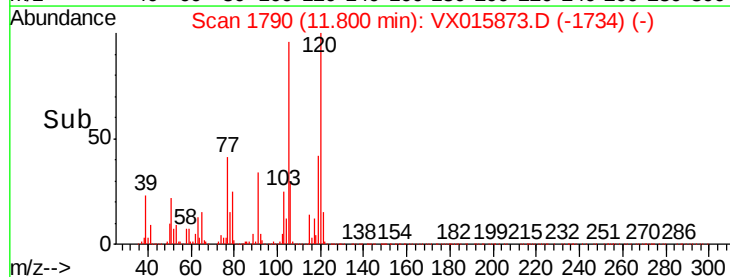
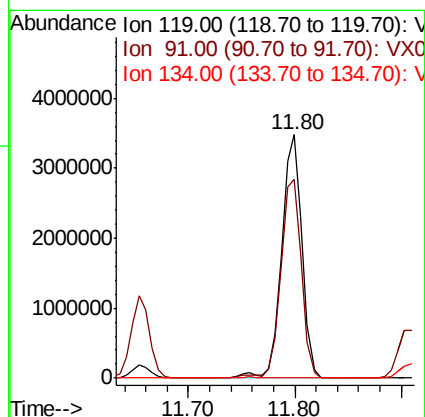
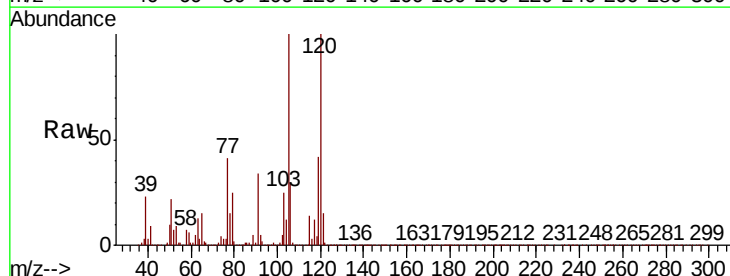
Tgt Ion: 119 Resp: 4586555

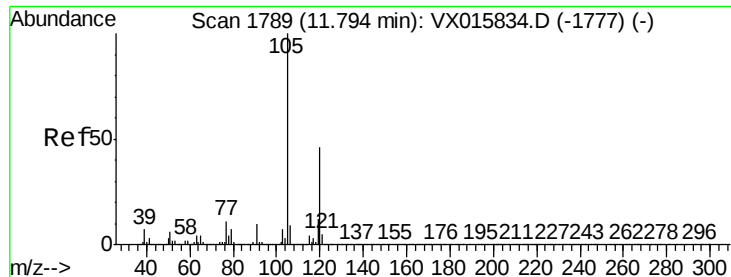
Ion Ratio Lower Upper

119 100

91 83.4 30.9 92.7

134 0.0 12.4 37.2#



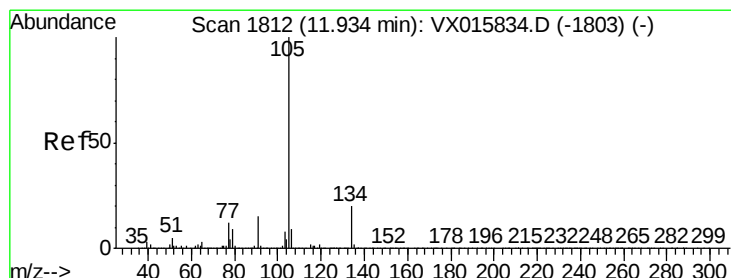
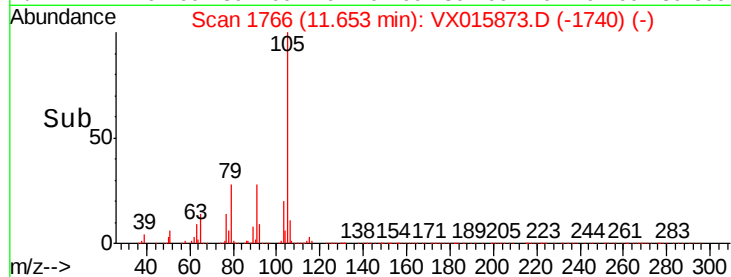
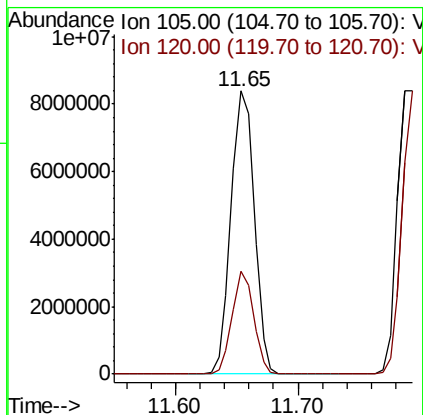
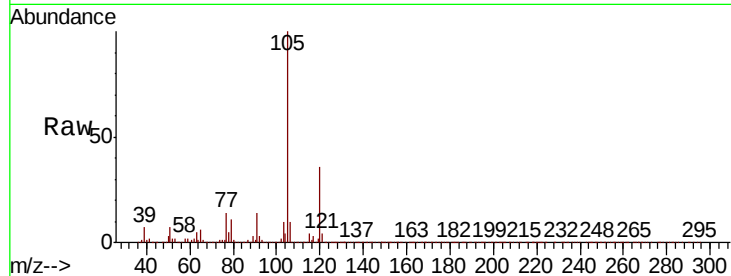


#84

1,2,4-Trimethylbenzene
Concen: 258.287 ug/l
RT: 11.65 min Scan# 1766
Delta R.T. -0.14 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

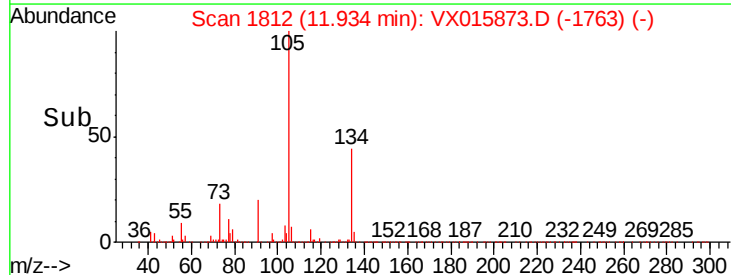
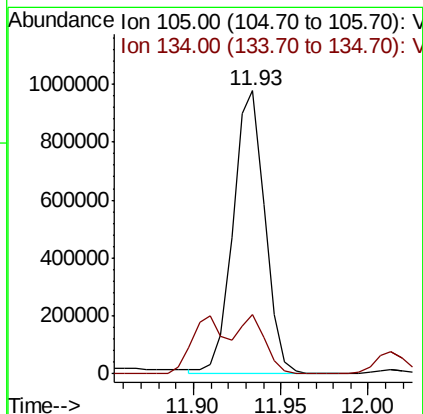
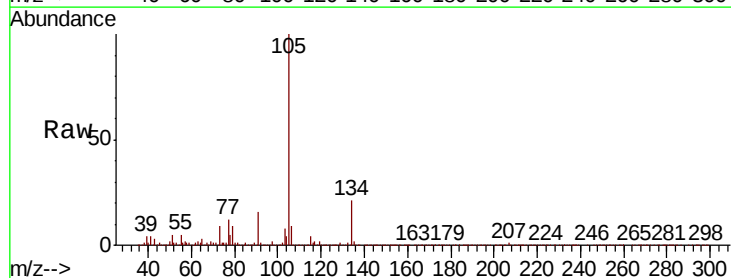
Tot Ion:105 Resp:11026121
Ion Ratio Lower Upper
105 100
120 33.6 22.9 68.7

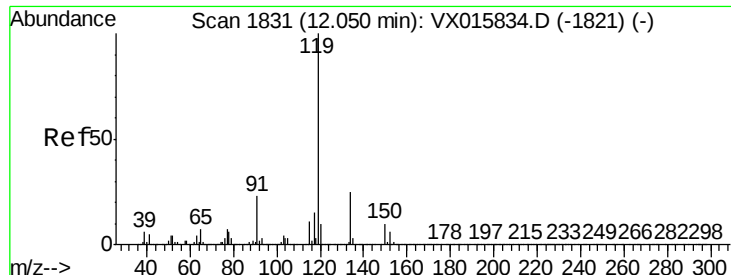


#85

sec-Butylbenzene
Concen: 25.411 ug/l
RT: 11.93 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Tgt Ion:105 Resp: 1221808
Ion Ratio Lower Upper
105 100
134 16.7 10.3 30.8





#86

p-Isopropyltoluene

Concen: 15.941 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421

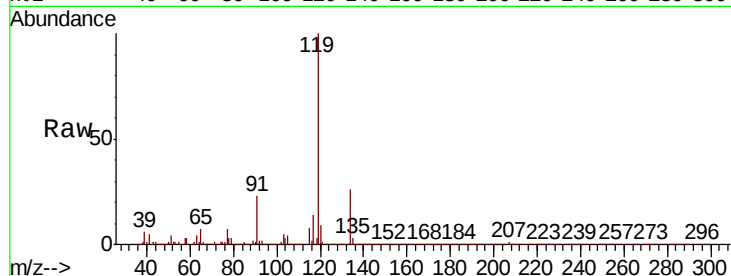
Tot Ion:119 Resp: 716693

Ion Ratio Lower Upper

119 100

134 27.0 13.0 38.9

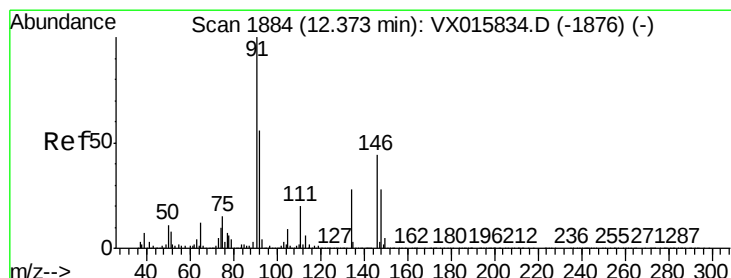
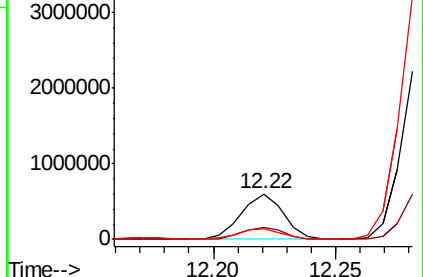
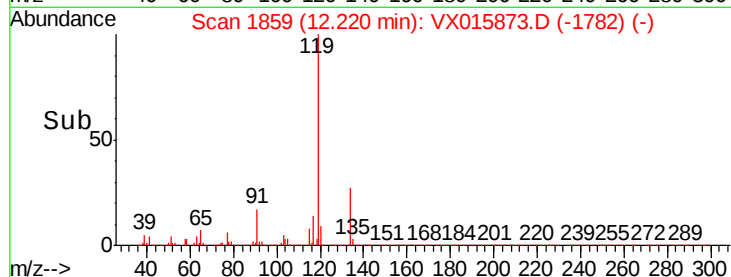
91 23.0 11.5 34.5



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: 37.432 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

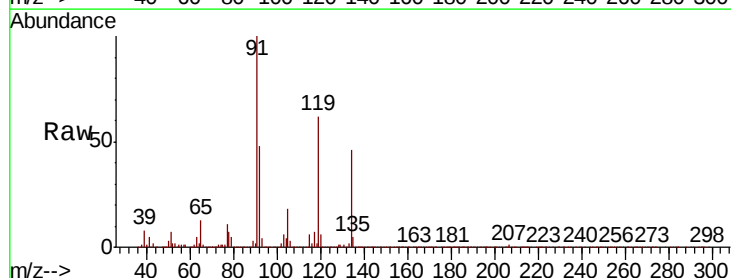
Tgt Ion: 91 Resp: 1504652

Ion Ratio Lower Upper

91 100

92 33.7 27.7 83.1

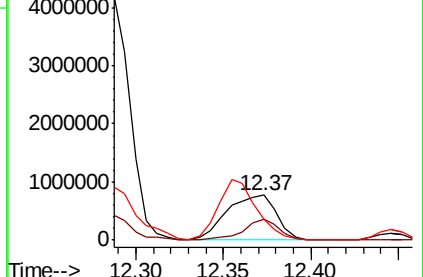
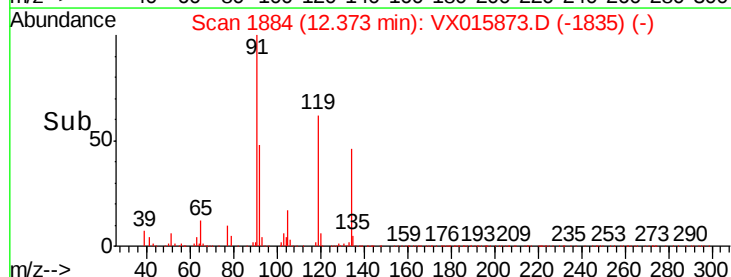
134 104.8 14.1 42.4#

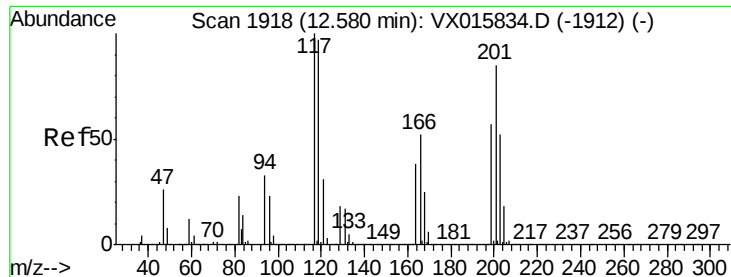


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 73.094 ug/l

RT: 12.57 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

Instrument :

MSVOA_X

ClientSampleId :

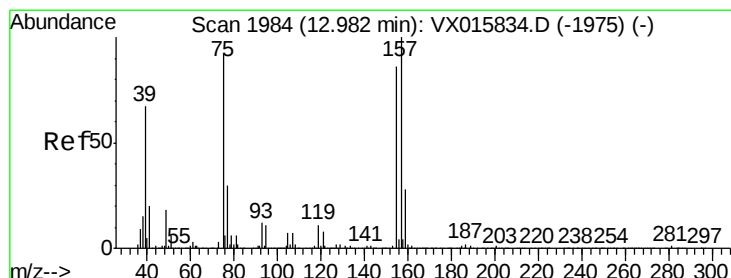
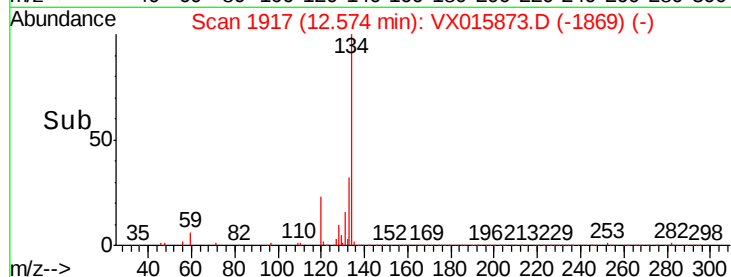
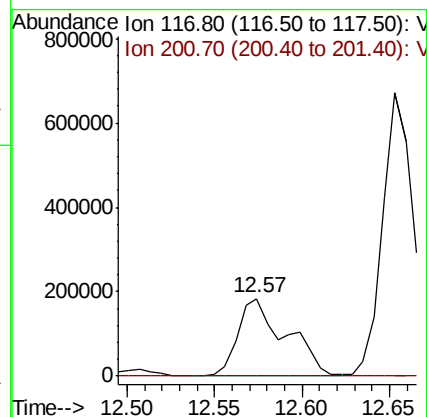
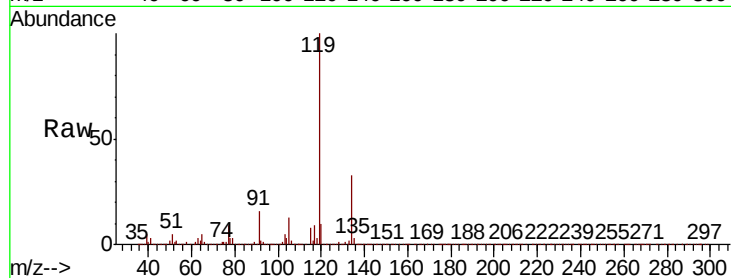
KY001MW079-200421

Tot Ion:117 Resp: 347167

Ion Ratio Lower Upper

117 100

201 0.1 45.6 136.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 8.849 ug/l

RT: 13.00 min Scan# 1987

Delta R.T. 0.02 min

Lab File: VX015873.D

Acq: 23 Apr 2020 04:43

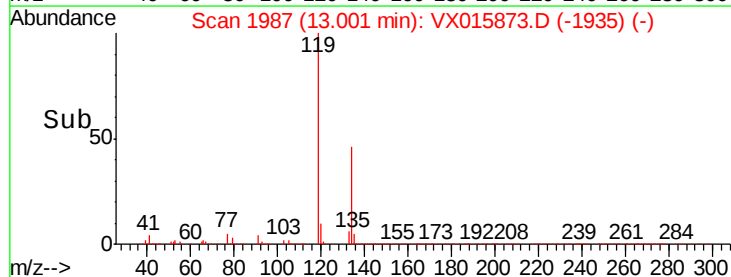
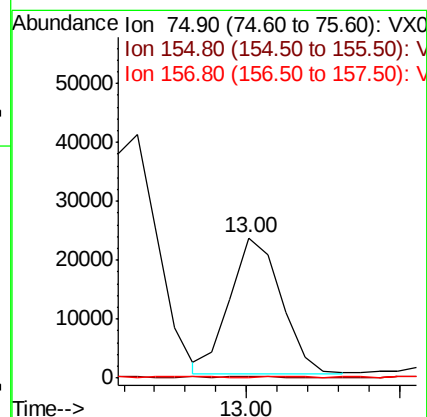
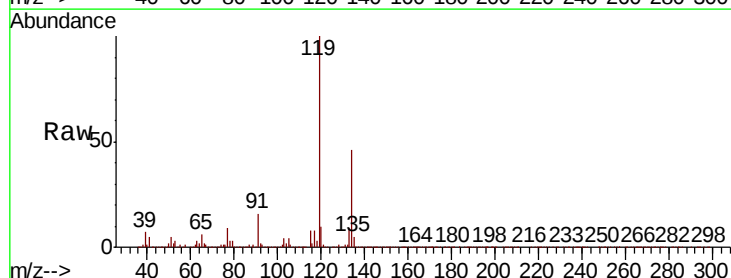
Tgt Ion: 75 Resp: 26783

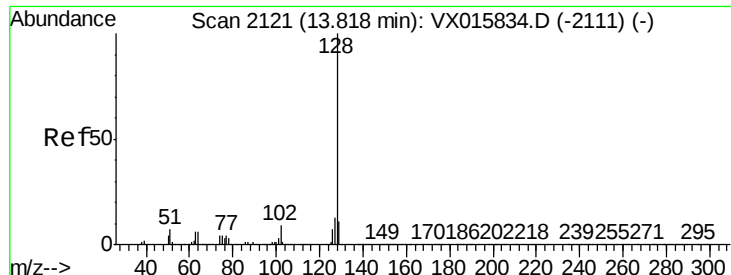
Ion Ratio Lower Upper

75 100

155 1.7 48.1 144.4#

157 1.1 58.9 176.7#





#95
Naphthalene
Concen: 228.476 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015873.D
Acq: 23 Apr 2020 04:43

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421

Tot Ion:128 Resp:11881240
Ion Ratio Lower Upper
128 100
127 15.1 10.5 15.7
129 13.1 8.5 12.7#

