

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015867.D
 Acq On : 23 Apr 2020 02:27
 Operator : JC/SP
 Sample : L2380-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW038-200421

Quant Time: Apr 23 05:02:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	936633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1464785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1424177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	775015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	527100	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
35) Dibromofluoromethane	5.47	113	434368	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
50) Toluene-d8	8.70	98	1744106	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
62) 4-Bromofluorobenzene	11.12	95	741199	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	6092	0.742	ug/l #	84
11) Tert butyl alcohol	3.01	59	50283	23.102	ug/l #	73
13) Acrolein	2.25	56	3096	2.404	ug/l #	1
14) Allyl chloride	2.83	41	105269	6.039	ug/l #	75
15) Acrylonitrile	3.16	53	30194	5.976	ug/l #	38
16) Acetone	2.42	43	111631	24.066	ug/l	96
17) Carbon Disulfide	2.55	76	19113	0.642	ug/l	95
18) Methyl Acetate	2.83	43	255820	16.706	ug/l #	54
19) Methyl tert-butyl Ether	3.17	73	501889	17.329	ug/l #	1
23) Vinyl Acetate	3.80	43	20297	0.780	ug/l #	78
25) 2-Butanone	4.64	43	54792	7.473	ug/l	99
29) Tetrahydrofuran	5.02	42	1450	0.299	ug/l #	55
30) Chloroform	5.26	83	119950	7.280	ug/l #	23
31) Cyclohexane	5.56	56	1981440	127.309	ug/l	94
36) 1,1-Dichloropropene	5.64	75	62499	4.813	ug/l #	52
37) Ethyl Acetate	4.87	43	4530	0.293	ug/l #	1
38) Carbon Tetrachloride	5.64	117	83489	6.527	ug/l #	16
39) Methylcyclohexane	7.44	83	1728479	105.110	ug/l	94
40) Benzene	6.12	78	554859	14.187	ug/l	98
41) Methacrylonitrile	5.04	41	31632	3.683	ug/l #	48
43) Isopropyl Acetate	6.43	43	78157	2.998	ug/l #	63
45) 1,2-Dichloropropane	7.44	63	23037	2.248	ug/l #	1
46) Dibromomethane	7.62	93	3892	0.520	ug/l #	1
47) Bromodichloromethane	7.82	83	13548	1.018	ug/l #	62
48) Methyl methacrylate	7.72	41	216615	16.892	ug/l #	54
49) 1,4-Dioxane	7.73	88	288	1.188	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	41080	2.730	ug/l #	37
52) Toluene	8.77	92	84799	3.383	ug/l	96
55) 1,1,2-Trichloroethane	9.15	97	133019	13.589	ug/l #	18
56) Ethyl methacrylate	9.15	69	36929	2.227	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.25	63	7129	0.861	ug/l #	52
59) 2-Hexanone	9.48	43	6858	0.598	ug/l	96
67) Ethyl Benzene	10.24	91	1249314	24.981	ug/l	100
68) m/p-Xylenes	10.34	106	331428	17.656	ug/l	98

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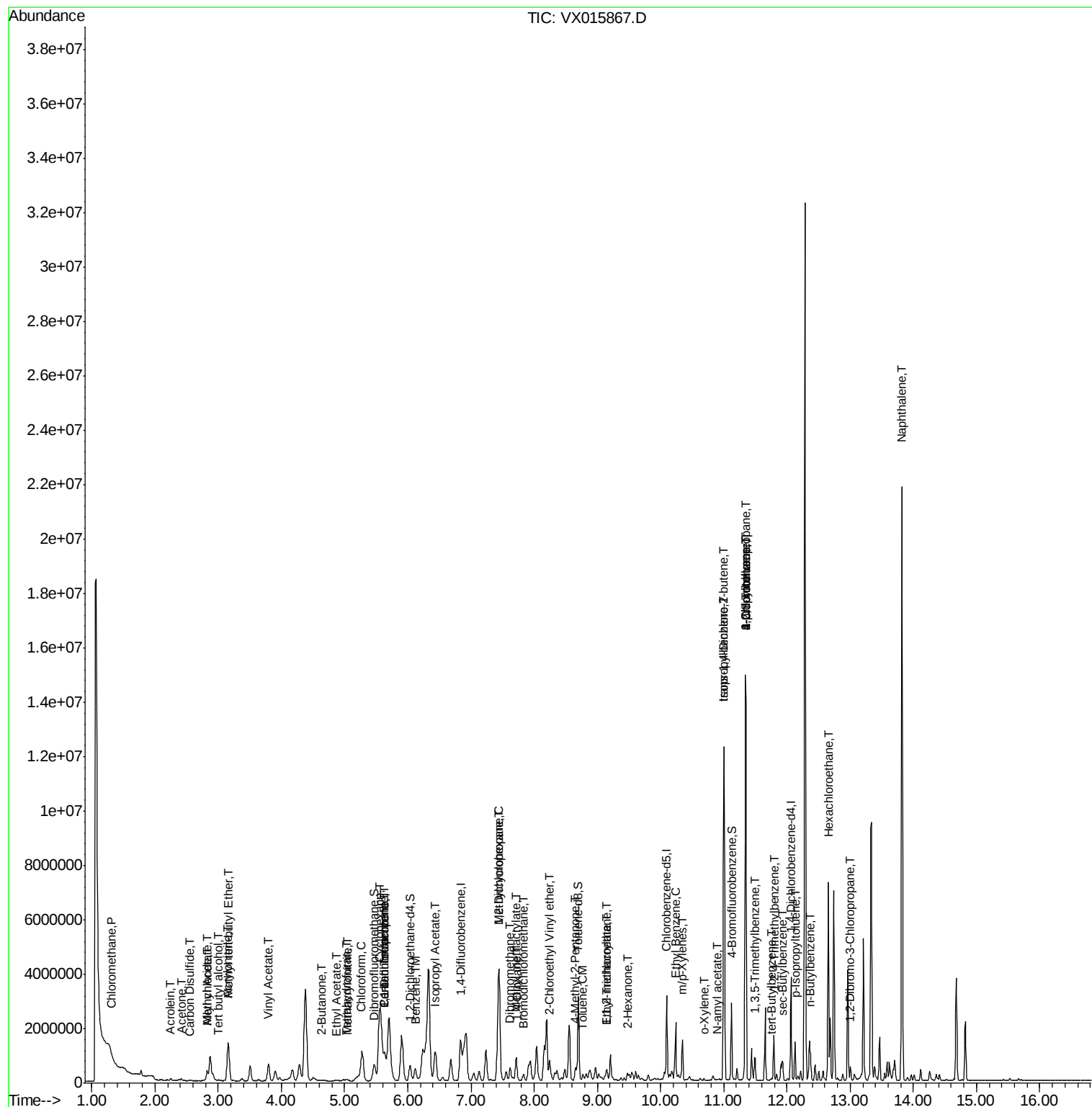
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
69) o-Xylene	10.68	106	9569	0.518	ug/l	79
73) Isopropylbenzene	11.00	105	6569956	133.478	ug/l	98
74) N-amyl acetate	10.89	43	5951	0.234	ug/l #	61
76) 1,2,3-Trichloropropane	11.34	75	57747	3.918	ug/l #	1
78) n-propylbenzene	11.34	91	9025850	160.075	ug/l	98
79) 2-Chlorotoluene	11.34	91	9025850	266.488	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.50	105	353346	8.419	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.00	75	77098	12.584	ug/l #	63
82) 4-Chlorotoluene	11.34	91	9025850	224.260	ug/l #	45
83) tert-Butylbenzene	11.76	119	27882	0.749	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	704416	16.166	ug/l	98
85) sec-Butylbenzene	11.93	105	319423	6.509	ug/l	91
86) p-Isopropyltoluene	12.13	119	61022	1.330	ug/l #	51
89) n-Butylbenzene	12.37	91	451327	11.000	ug/l #	68
90) Hexachloroethane	12.65	117	285005	58.790	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1628	0.527	ug/l #	16
95) Naphthalene	13.82	128	12326600	232.235	ug/l #	94

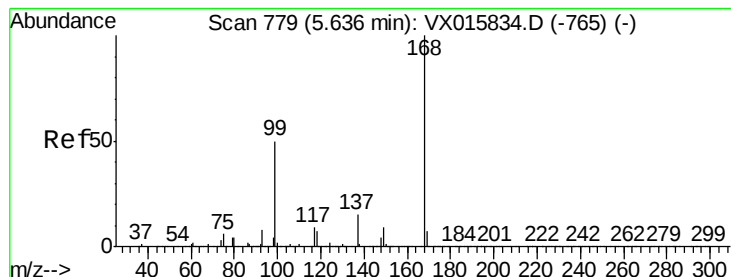
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

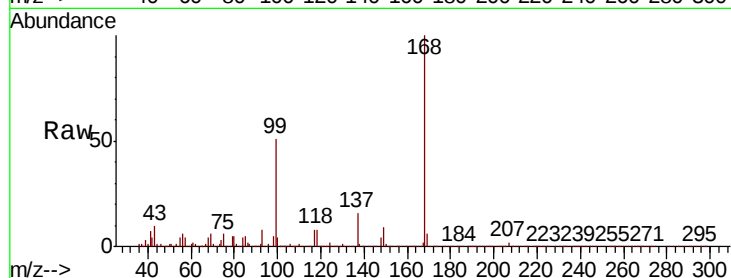
KY001MW038-200421

Tot Ion:168 Resp: 936633

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

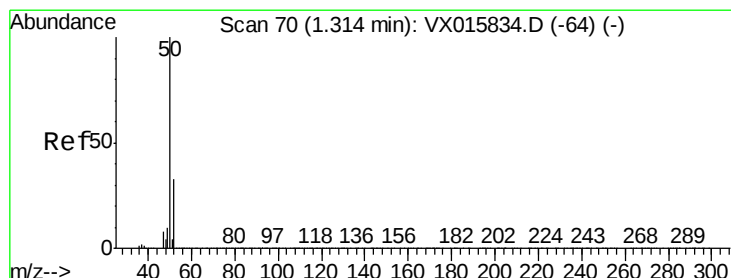
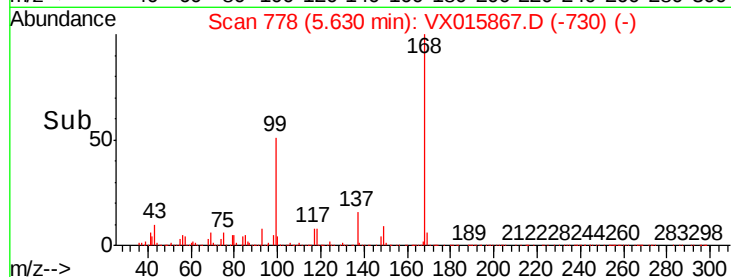
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.742 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015867.D

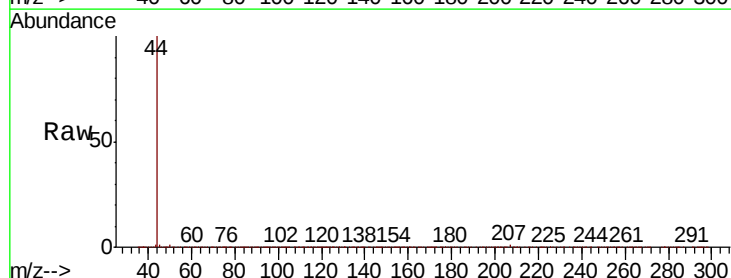
Acq: 23 Apr 2020 02:27

Tgt Ion: 50 Resp: 6092

Ion Ratio Lower Upper

50 100

52 23.8 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

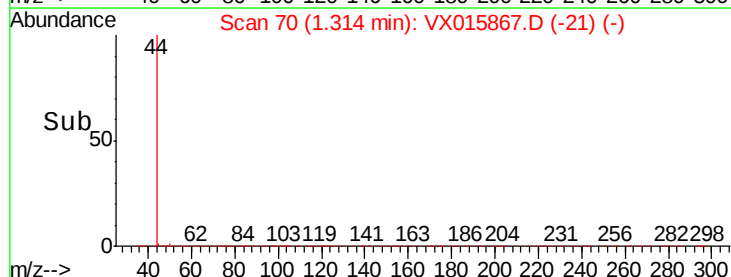
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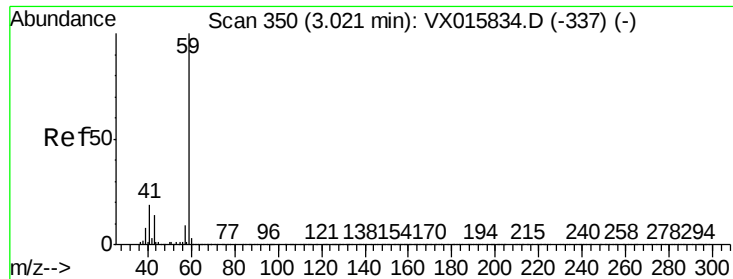
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2000

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Time-->

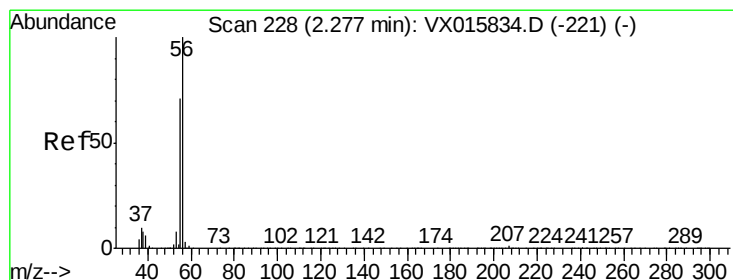
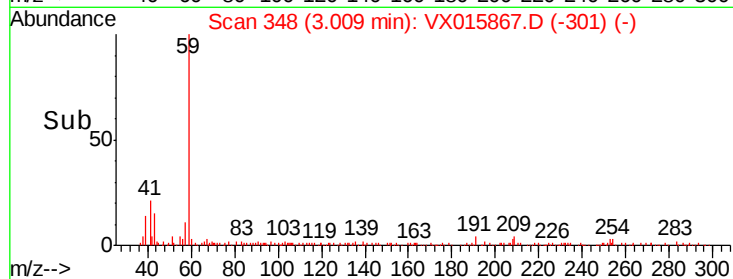
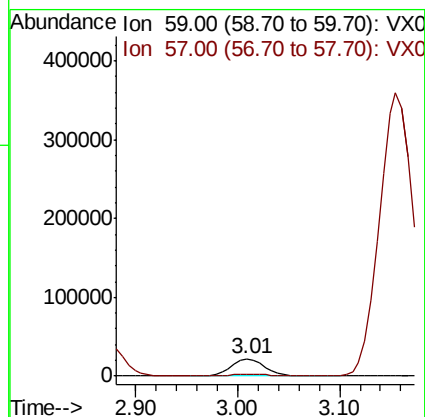
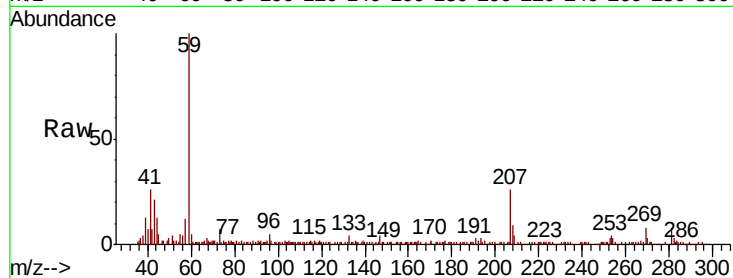




#11
Tert butyl alcohol
Concen: 23.102 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

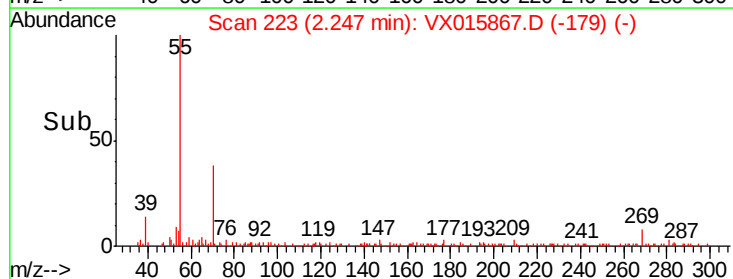
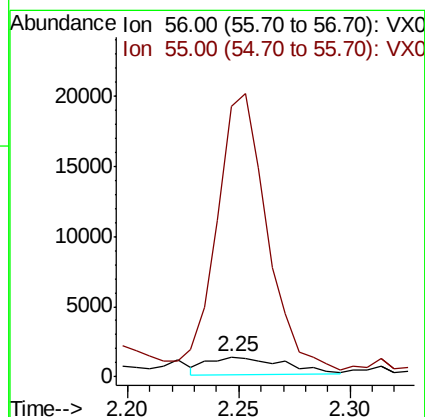
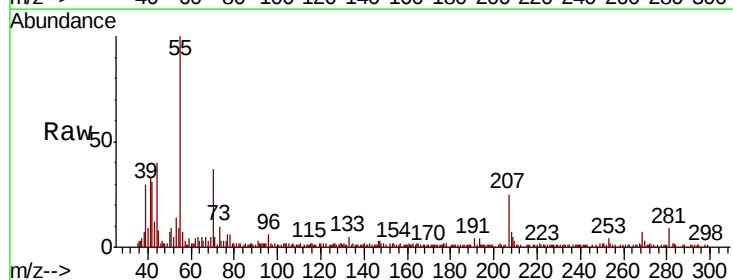
Instrument :
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KY001MW038-200421

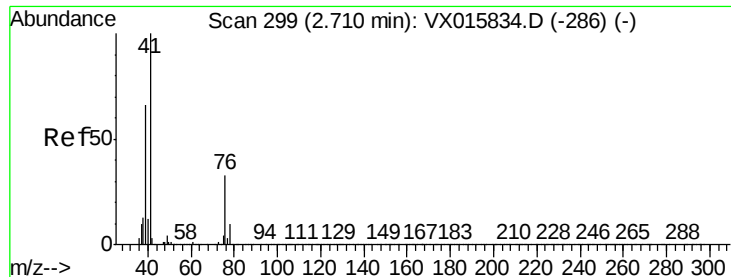
Tot Ion: 59 Resp: 50283
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 2.404 ug/l
RT: 2.25 min Scan# 223
Delta R.T. -0.03 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 56 Resp: 3096
Ion Ratio Lower Upper
56 100
55 992.5 56.1 84.1#

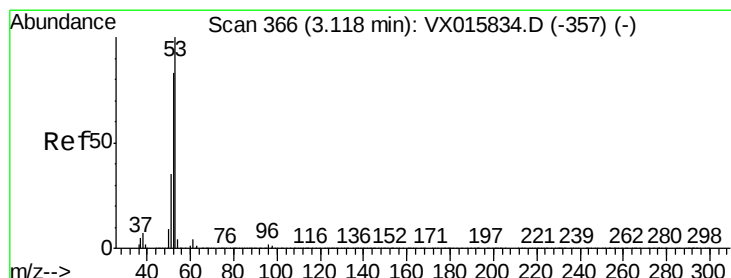
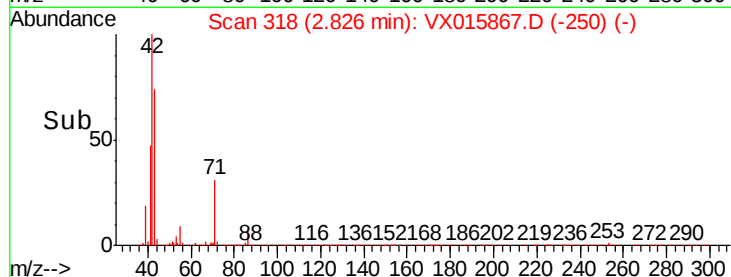
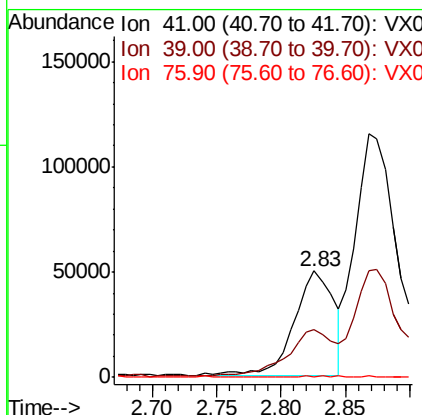
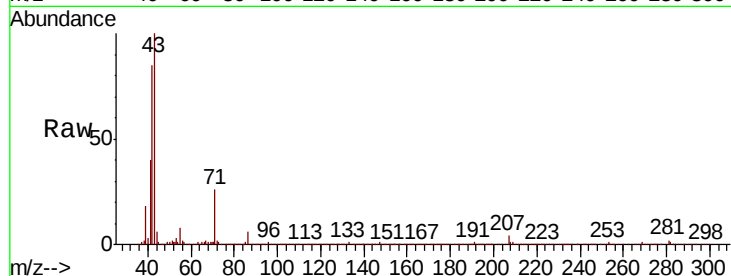




#14
Allvl chloride
Concen: 6.039 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.12 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

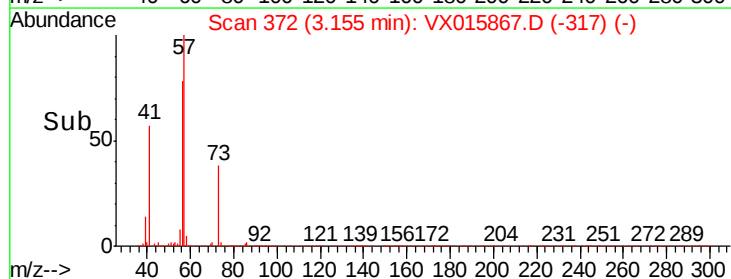
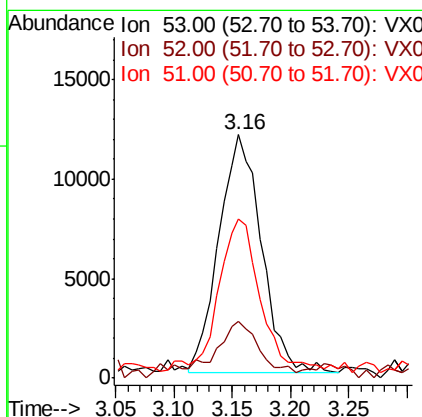
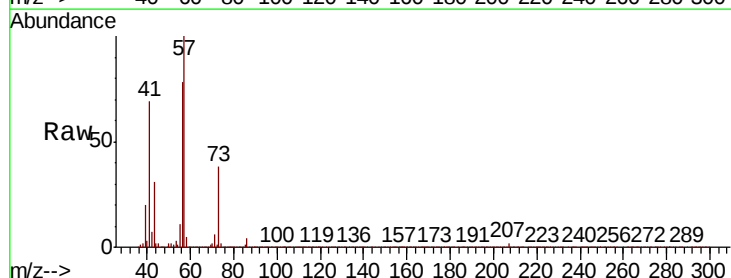
Instrument :
MSVOA_X
ClientSampleId :
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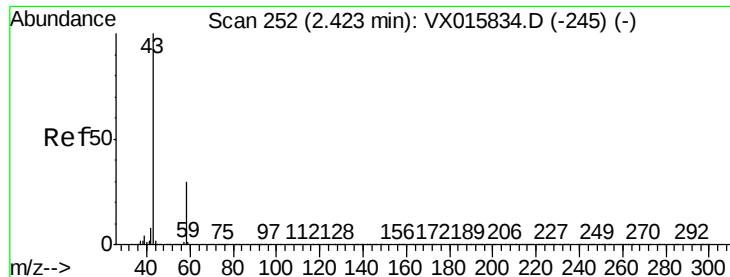
Tot Ion: 41 Resp: 105269
Ion Ratio Lower Upper
41 100
39 52.6 48.4 72.6
76 0.6 23.8 35.8#



#15
Acrylonitrile
Concen: 5.976 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.04 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 53 Resp: 30194
Ion Ratio Lower Upper
53 100
52 21.9 66.2 99.4#
51 65.0 28.6 43.0#





#16

Acetone

Concen: 24.066 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

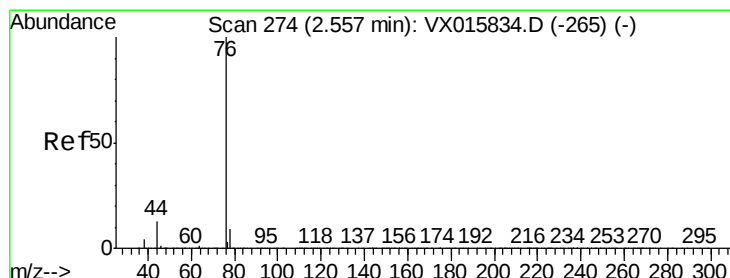
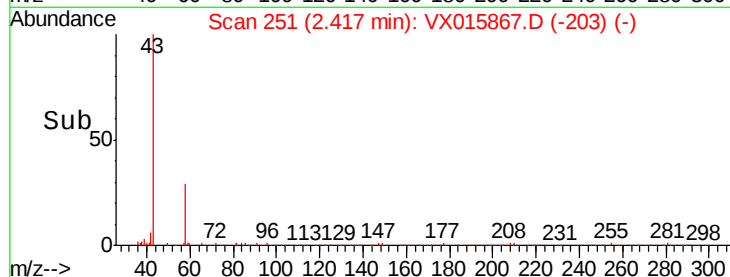
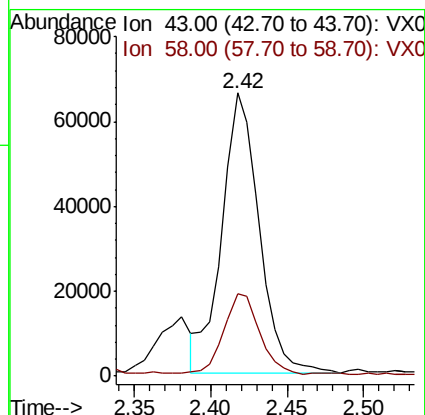
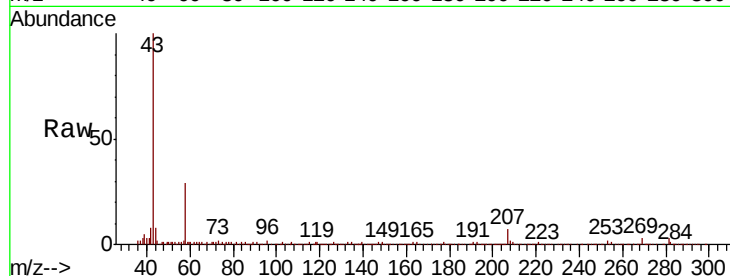
KY001MW038-200421

Tot Ion: 43 Resp: 111631

Ion Ratio Lower Upper

43 100

58 28.0 24.0 36.0



#17

Carbon Disulfide

Concen: 0.642 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015867.D

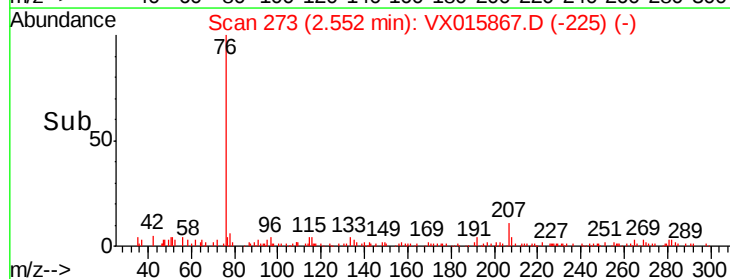
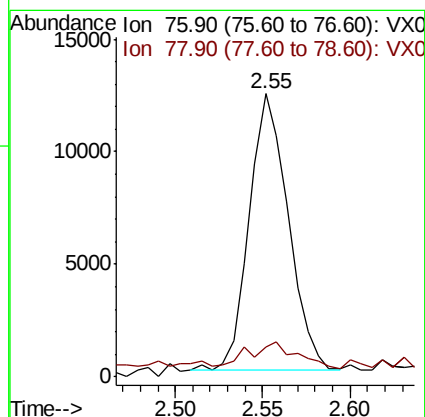
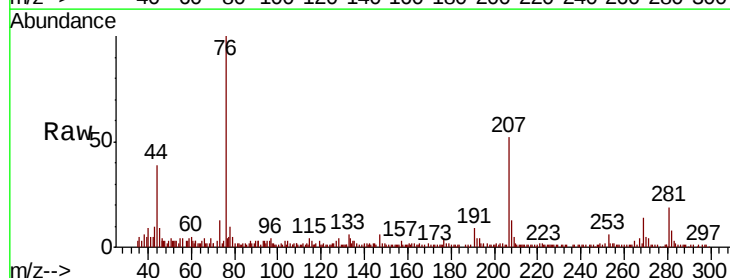
Acq: 23 Apr 2020 02:27

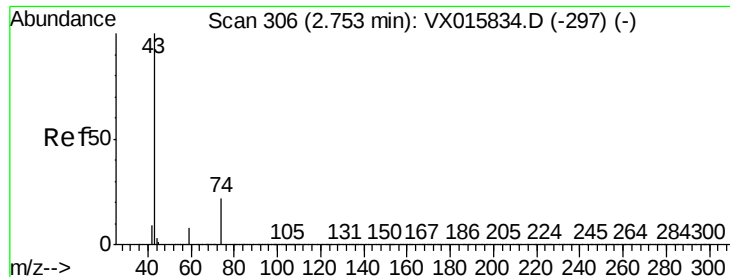
Tgt Ion: 76 Resp: 19113

Ion Ratio Lower Upper

76 100

78 7.5 7.4 11.2

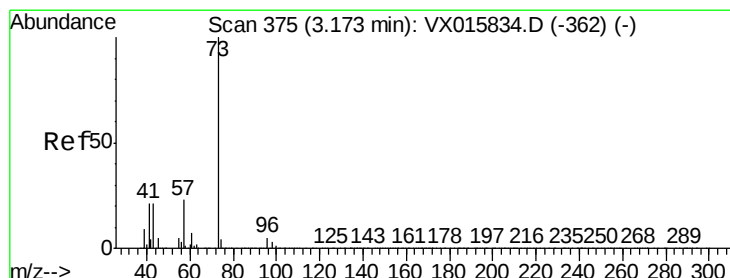
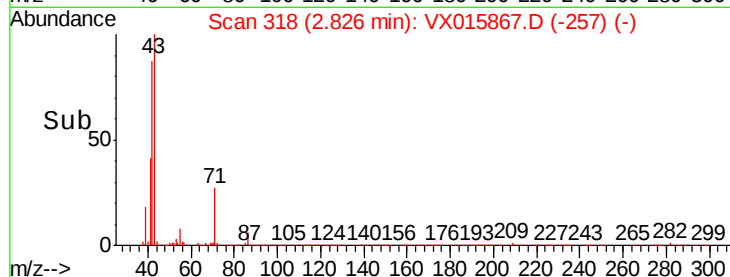
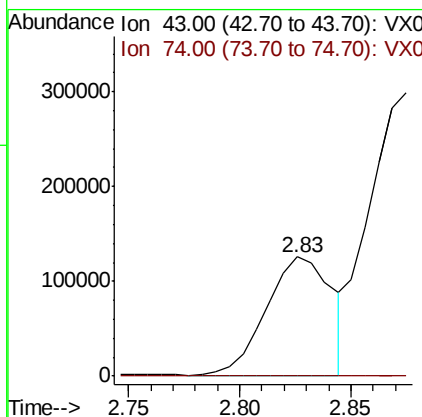
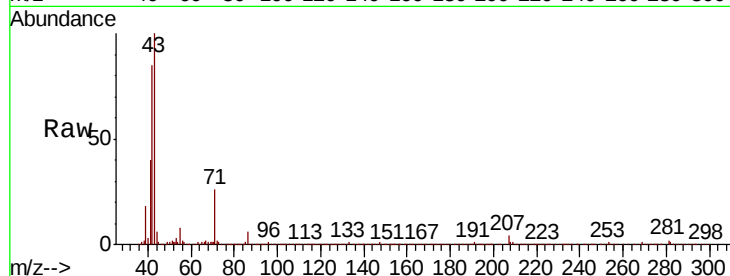




#18
Methyl Acetate
Concen: 16.706 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.07 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

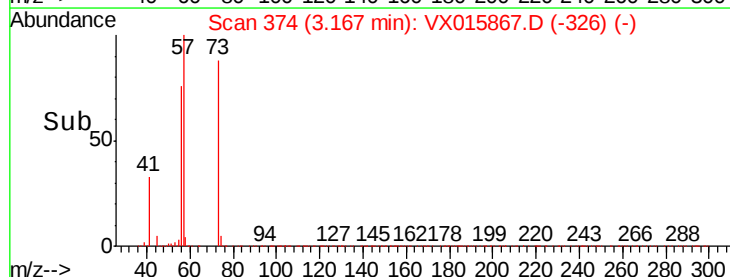
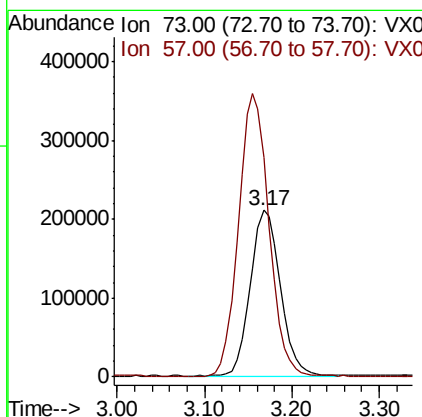
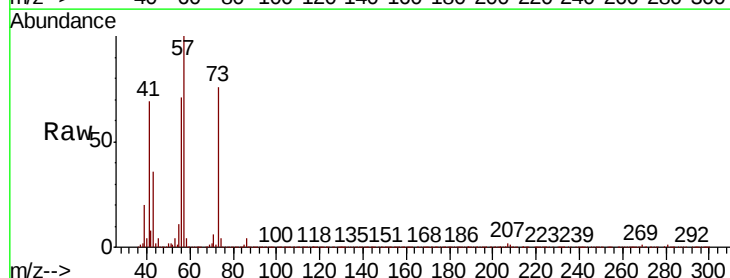
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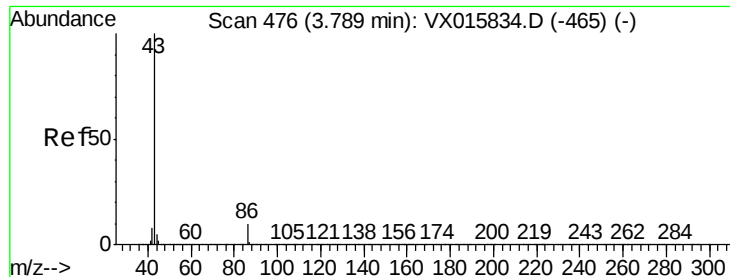
Tot Ion: 43 Resp: 255820
Ion Ratio Lower Upper
43 100
74 0.2 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 17.329 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 73 Resp: 501889
Ion Ratio Lower Upper
73 100
57 132.2 18.1 27.1#





#23

Vinyl Acetate

Concen: 0.780 ug/l

RT: 3.80 min Scan# 477

Delta R.T. 0.01 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

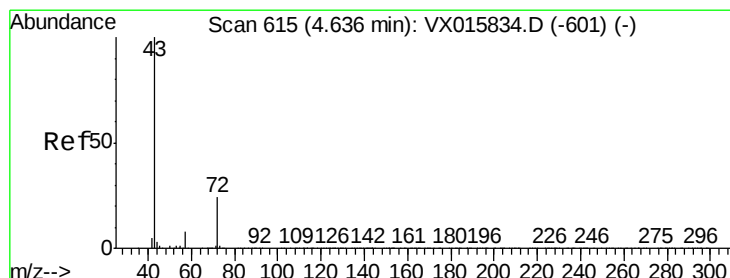
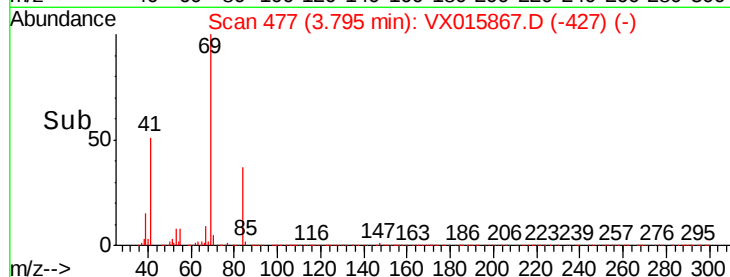
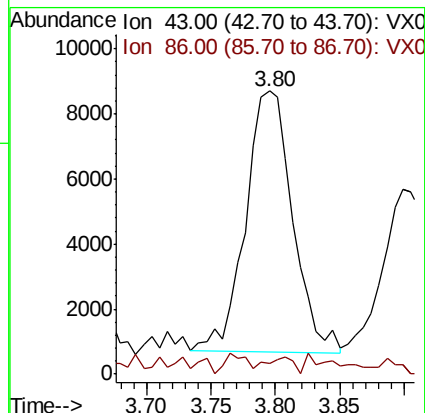
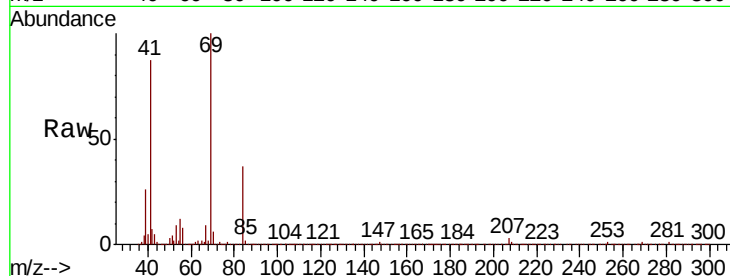
KY001MW038-200421

Tot Ion: 43 Resp: 20297

Ion Ratio Lower Upper

43 100

86 1.9 8.0 12.0#



#25

2-Butanone

Concen: 7.473 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015867.D

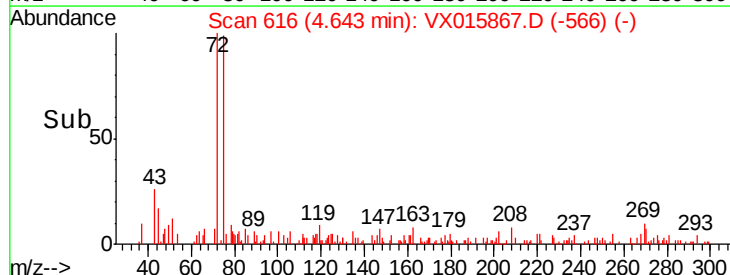
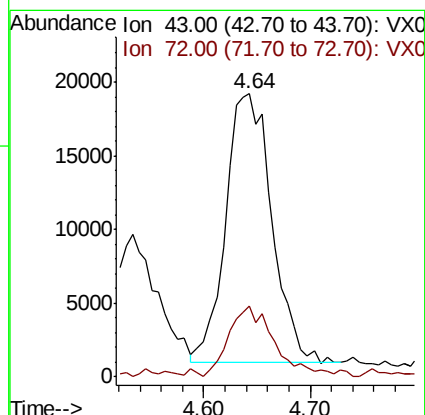
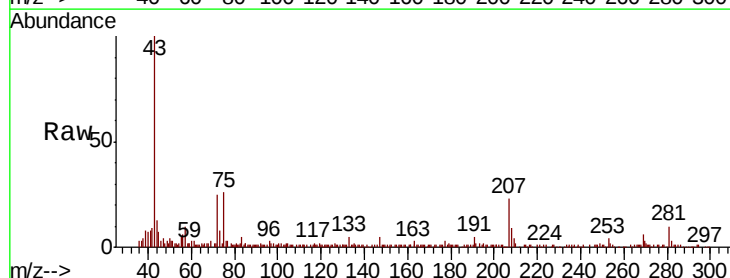
Acq: 23 Apr 2020 02:27

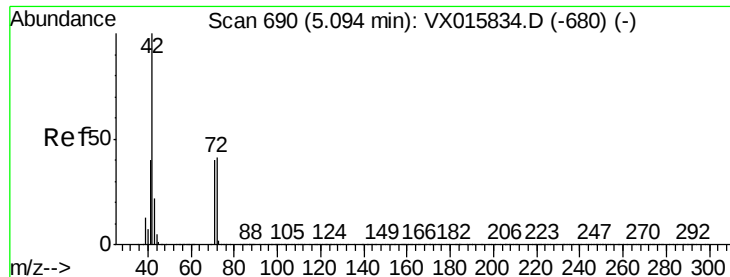
Tgt Ion: 43 Resp: 54792

Ion Ratio Lower Upper

43 100

72 23.8 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.299 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.07 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

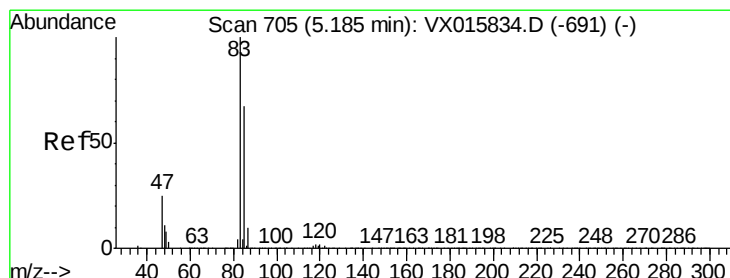
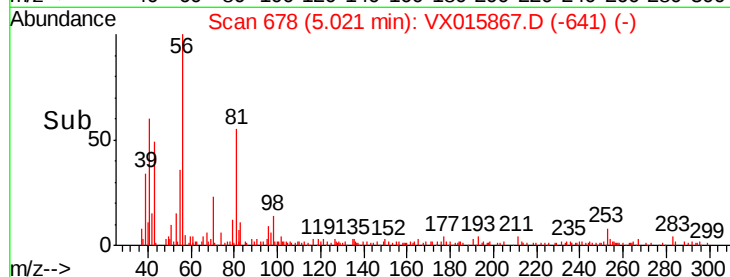
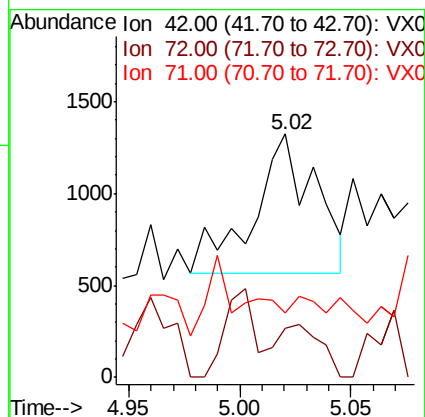
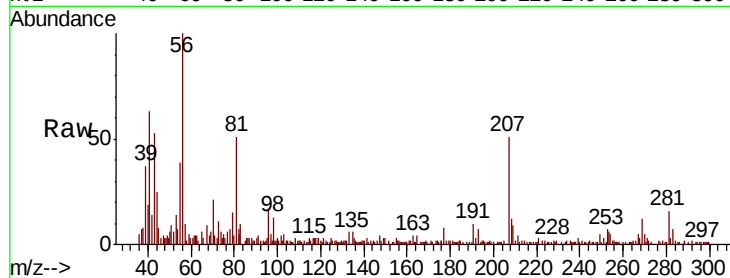
Tot Ion: 42 Resp: 1450

Ion Ratio Lower Upper

42 100

72 24.1 33.0 49.6#

71 0.0 30.6 45.8#



#30

Chloroform

Concen: 7.280 ug/l

RT: 5.26 min Scan# 717

Delta R.T. 0.07 min

Lab File: VX015867.D

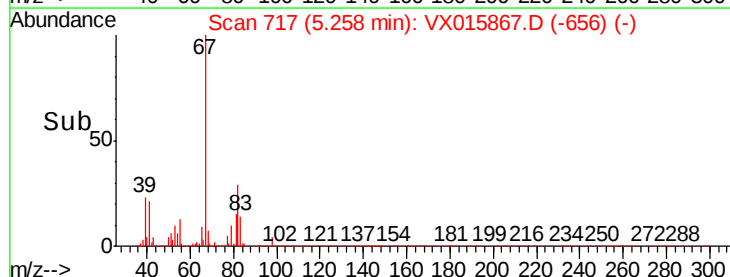
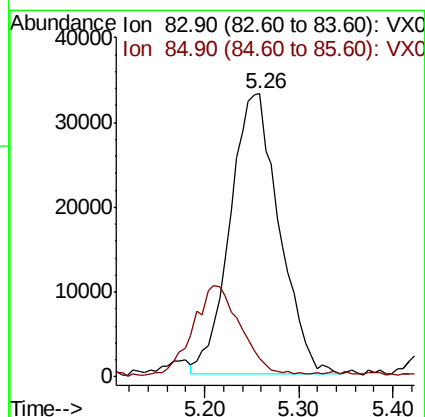
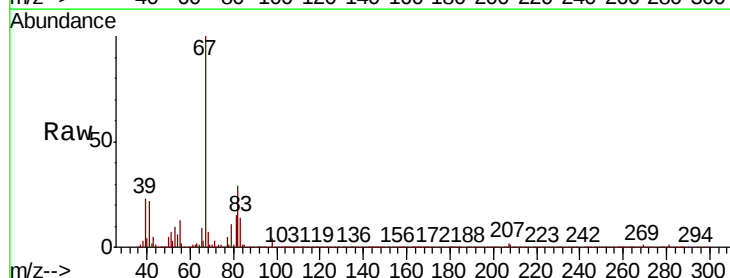
Acq: 23 Apr 2020 02:27

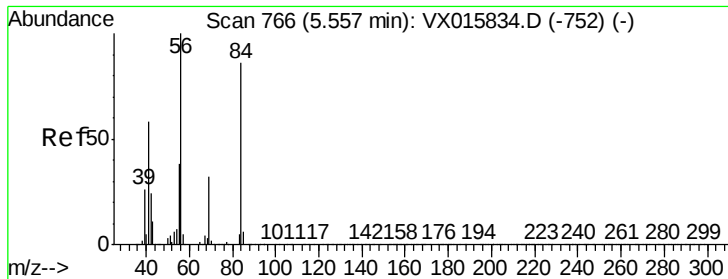
Tgt Ion: 83 Resp: 119950

Ion Ratio Lower Upper

83 100

85 5.4 53.4 80.0#

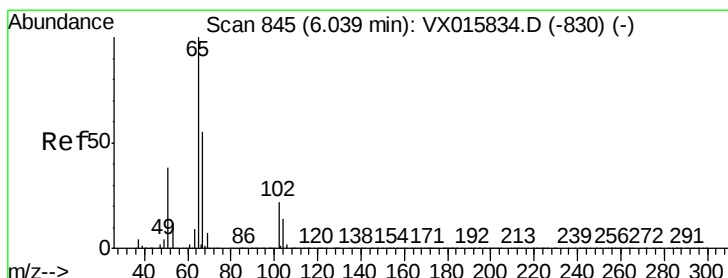
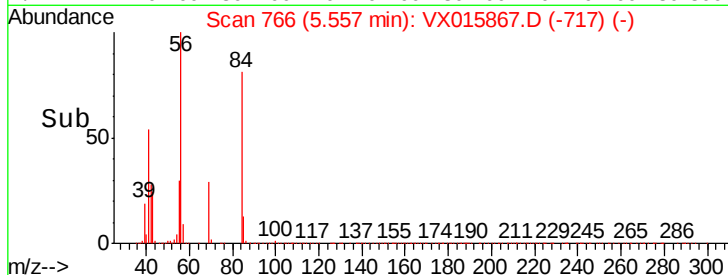
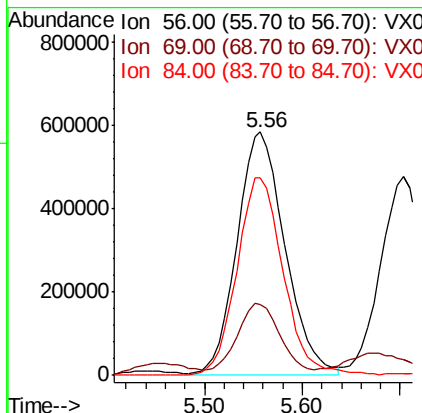
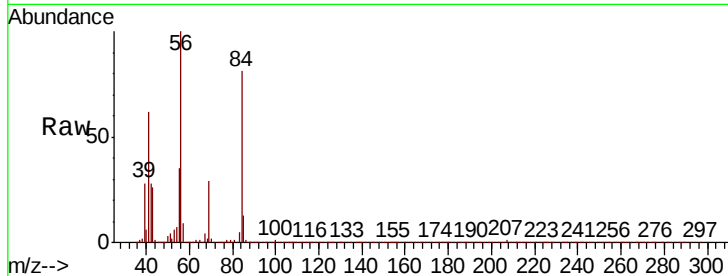




#31
Cyclohexane
Concen: 127.309 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

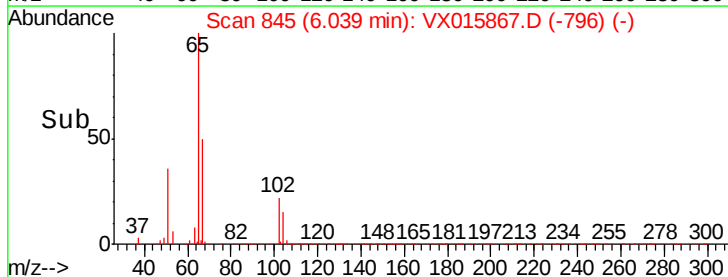
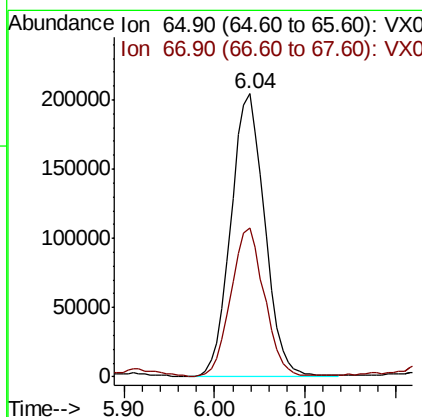
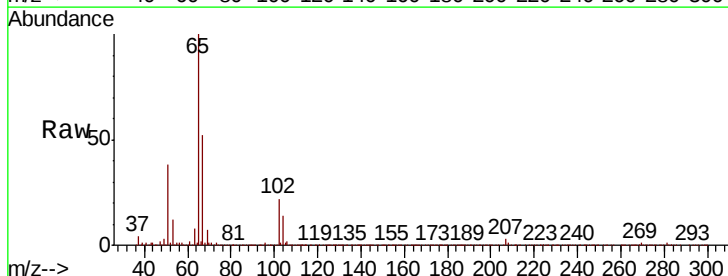
Instrument :
MSVOA_X
ClientSampleId :
KY001MW038-200421

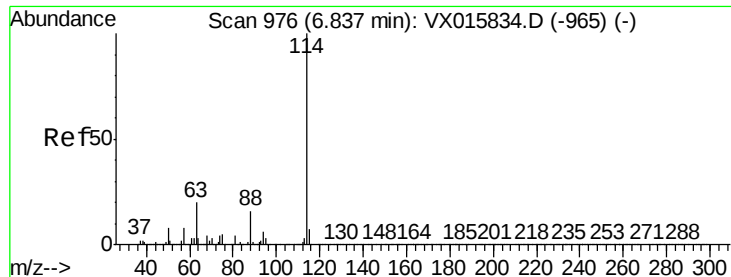
Tot Ion: 56 Resp: 1981440
Ion Ratio Lower Upper
56 100
69 26.3 25.3 37.9
84 81.4 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 49.480 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 65 Resp: 527100
Ion Ratio Lower Upper
65 100
67 51.6 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: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

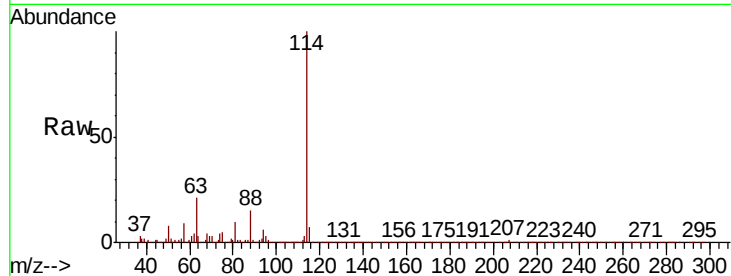
Tot Ion:114 Resp: 1464785

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

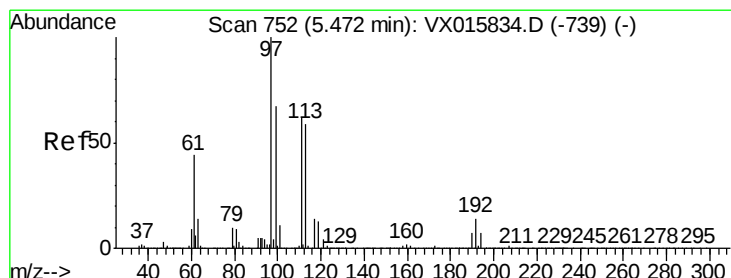
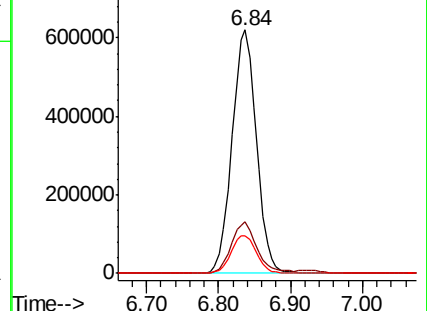
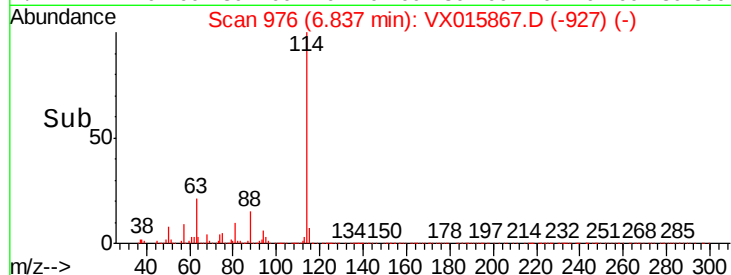
88 15.1 0.0 32.8



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: 51.373 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

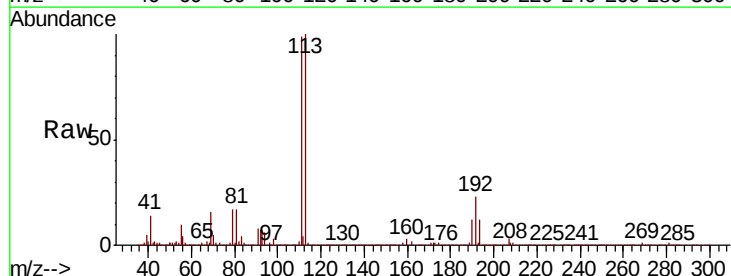
Tgt Ion:113 Resp: 434368

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

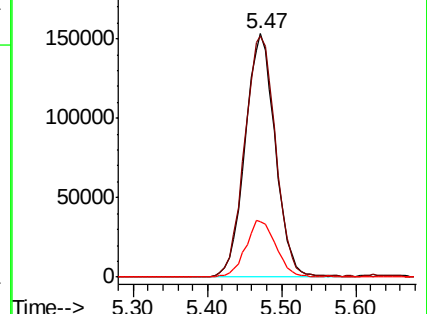
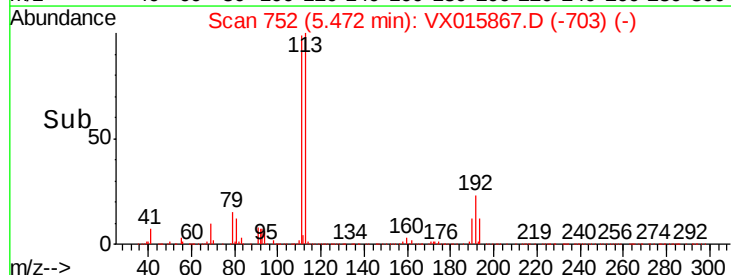
192 23.3 19.3 28.9

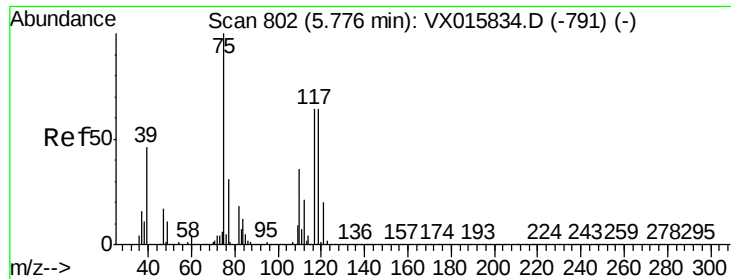


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

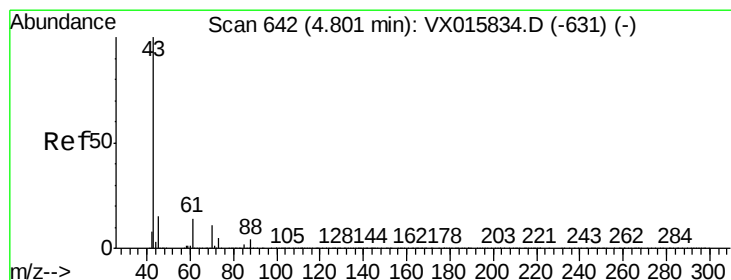
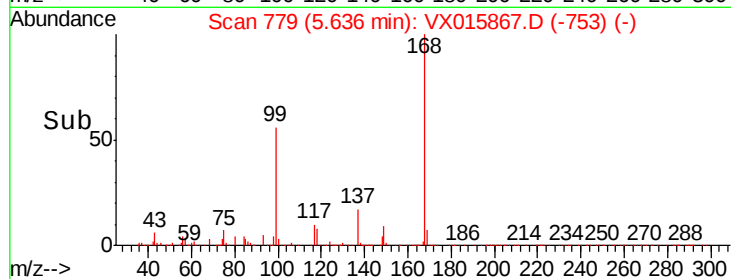
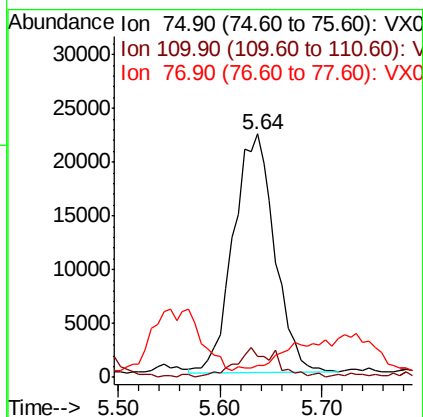
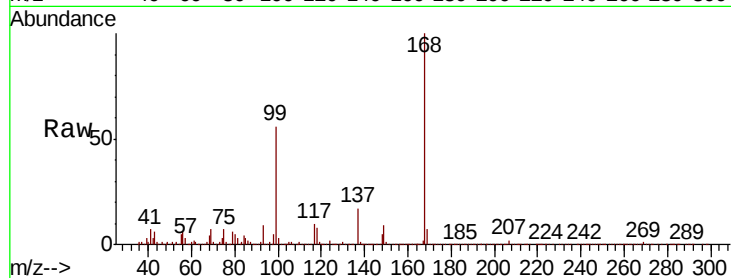




#36
 1,1-Dichloropropene
 Concen: 4.813 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015867.D
 Acq: 23 Apr 2020 02:27

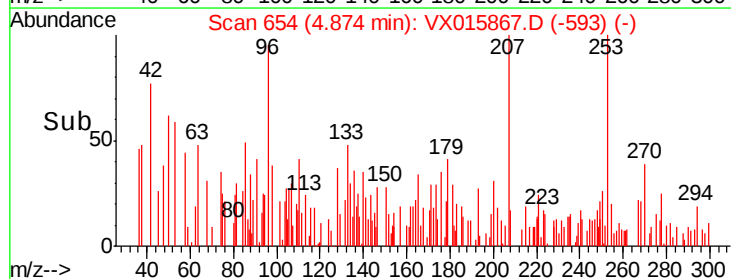
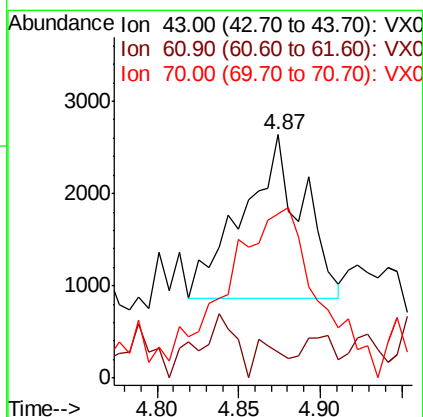
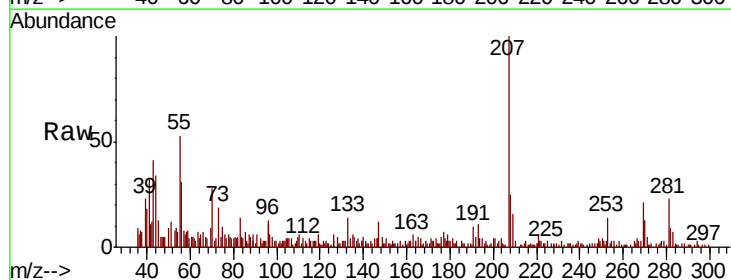
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW038-200421

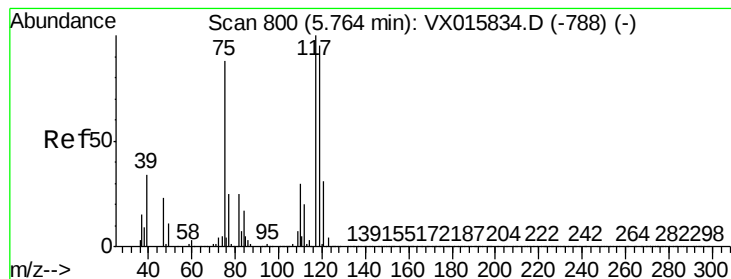
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.0	17.9	53.8#
77	0.0	24.5	36.7#



#37
 Ethyl Acetate
 Concen: 0.293 ug/l
 RT: 4.87 min Scan# 654
 Delta R.T. 0.07 min
 Lab File: VX015867.D
 Acq: 23 Apr 2020 02:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.2	10.8	16.2#
70	159.2	8.2	12.2#





#38

Carbon Tetrachloride

Concen: 6.527 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

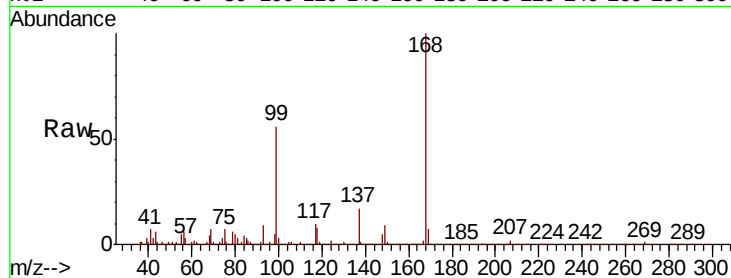
Tot Ion:117 Resp: 83489

Ion Ratio Lower Upper

117 100

119 3.9 75.7 113.5#

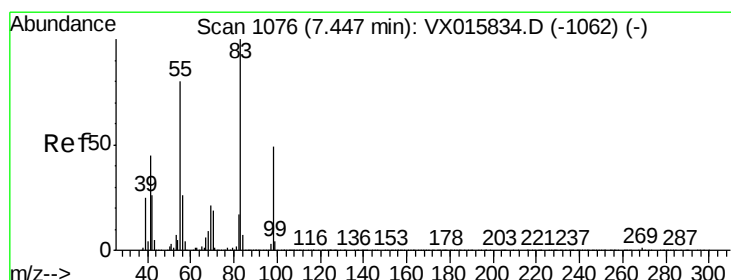
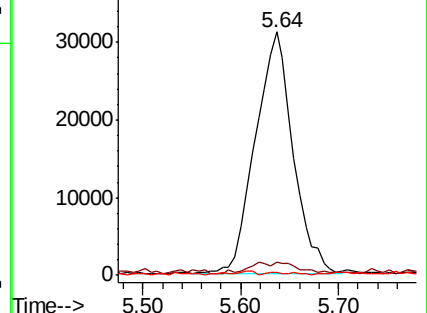
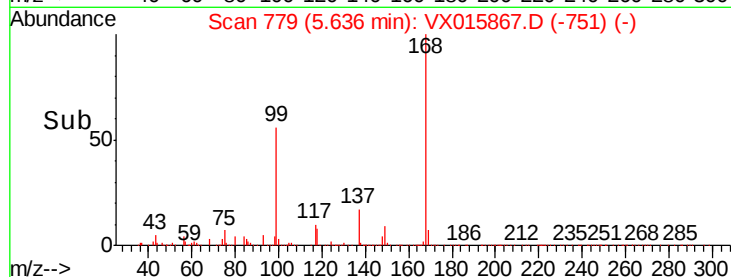
121 0.5 25.0 37.6#



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: 105.110 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

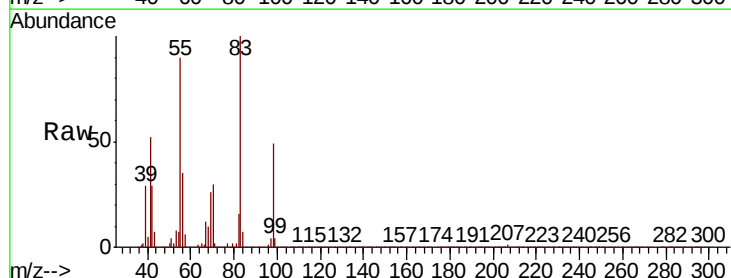
Tgt Ion: 83 Resp: 1728479

Ion Ratio Lower Upper

83 100

55 89.4 64.2 96.4

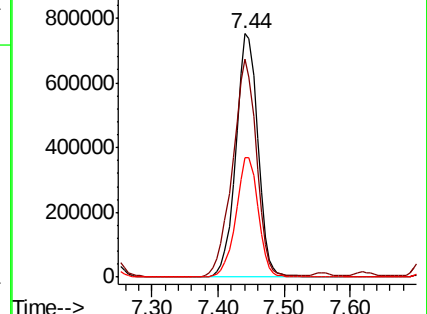
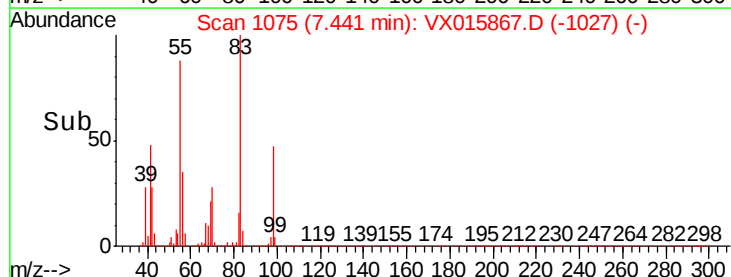
98 49.0 39.3 58.9

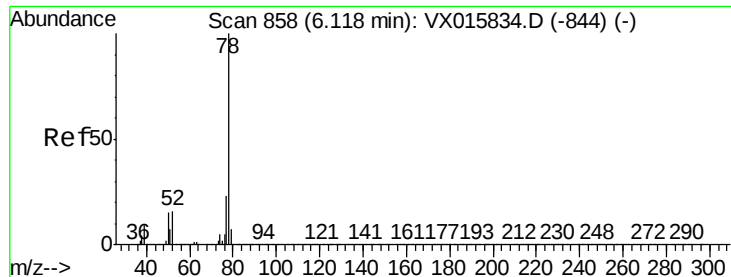


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 14.187 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

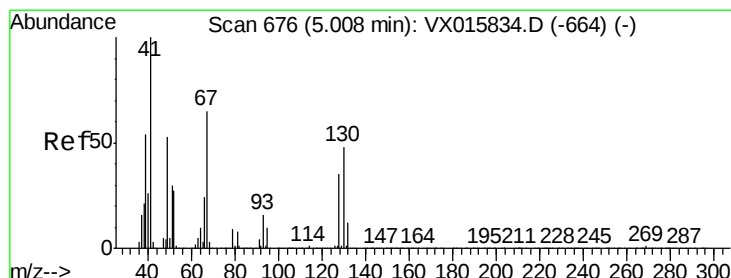
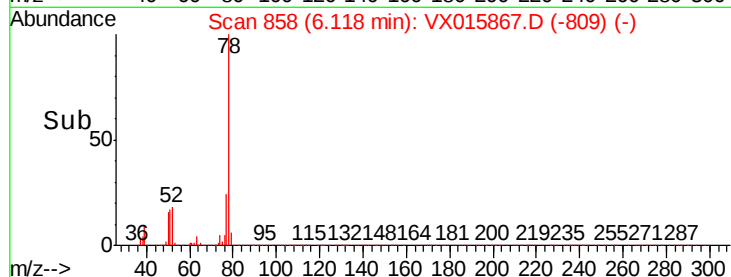
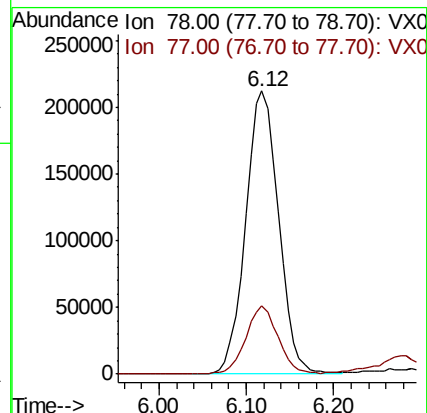
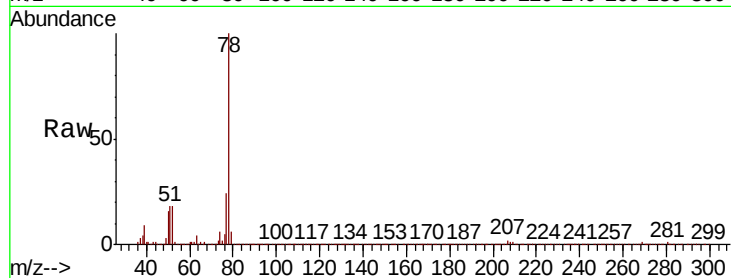
KY001MW038-200421

Tot Ion: 78 Resp: 554859

Ion Ratio Lower Upper

78 100

77 24.2 18.6 27.8



#41

Methacrylonitrile

Concen: 3.683 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.03 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Tgt Ion: 41 Resp: 31632

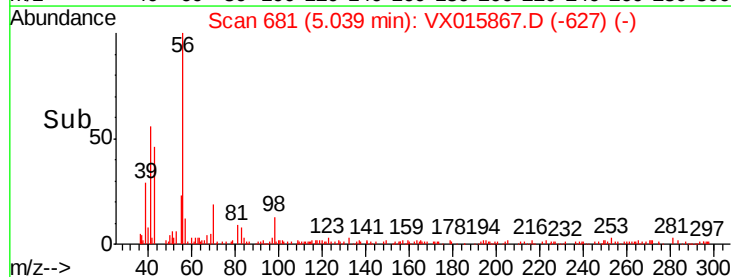
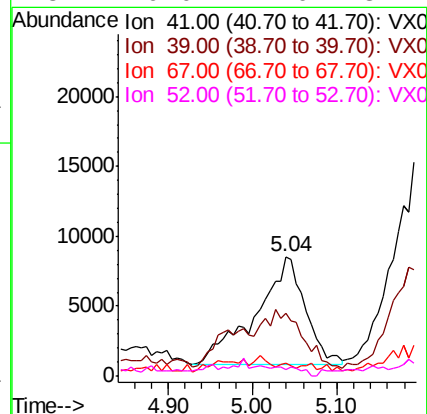
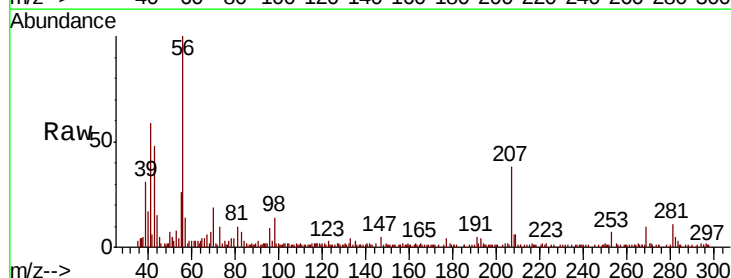
Ion Ratio Lower Upper

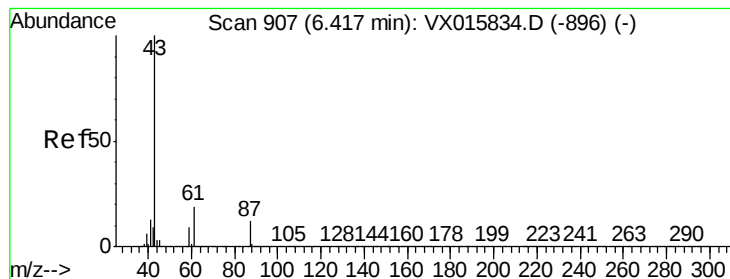
41 100

39 41.5 42.4 63.6#

67 0.0 51.9 77.9#

52 0.0 21.0 31.4#



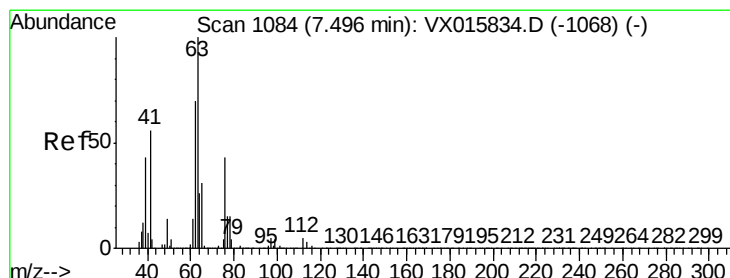
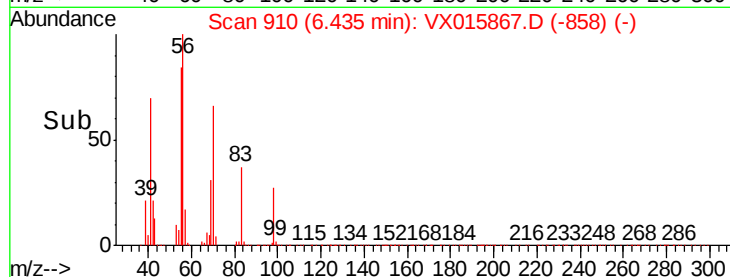
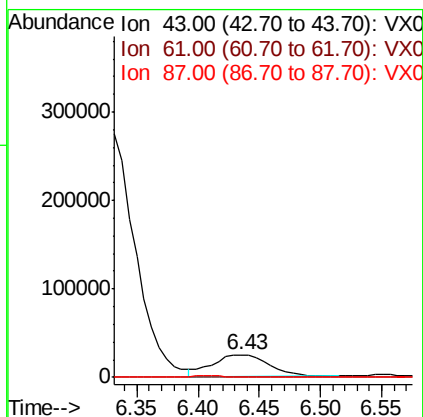
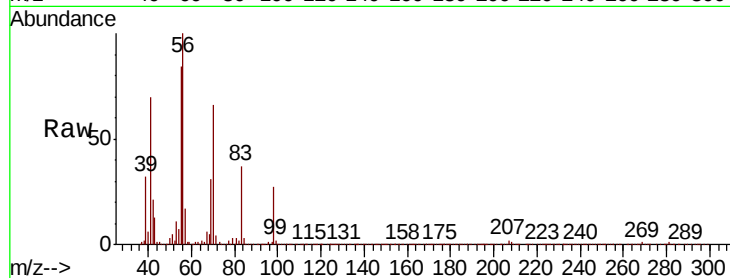


#43

Isopropyl Acetate
 Concen: 2.998 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.02 min
 Lab File: VX015867.D
 Acq: 23 Apr 2020 02:27

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW038-200421

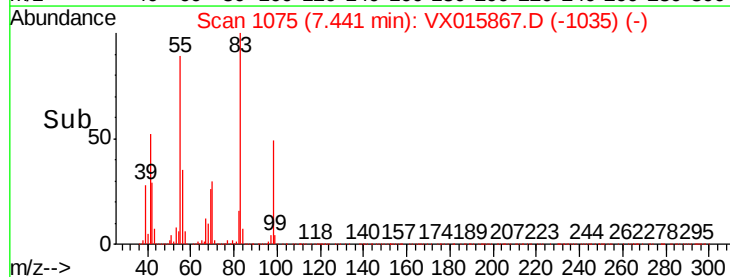
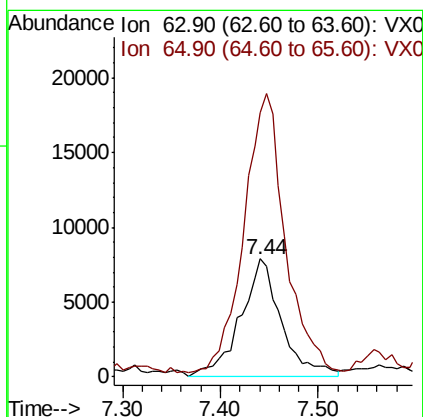
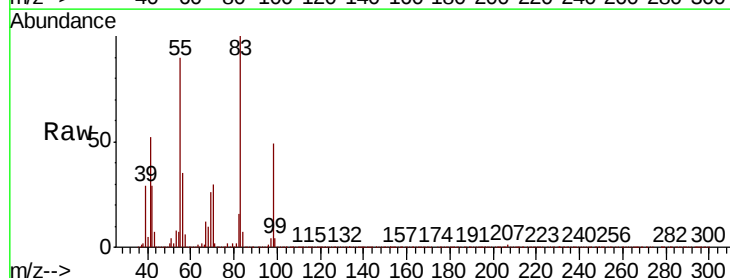
Tot Ion: 43 Resp: 78157
 Ion Ratio Lower Upper
 43 100
 61 1.2 15.4 23.2#
 87 0.0 9.8 14.6#

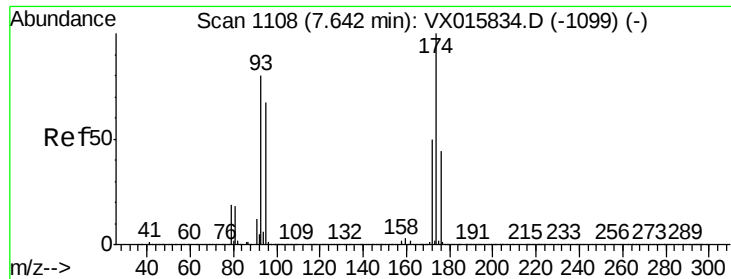


#45

1,2-Dichloropropane
 Concen: 2.248 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.05 min
 Lab File: VX015867.D
 Acq: 23 Apr 2020 02:27

Tgt Ion: 63 Resp: 23037
 Ion Ratio Lower Upper
 63 100
 65 219.7 24.5 36.7#





#46

Dibromomethane

Concen: 0.520 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

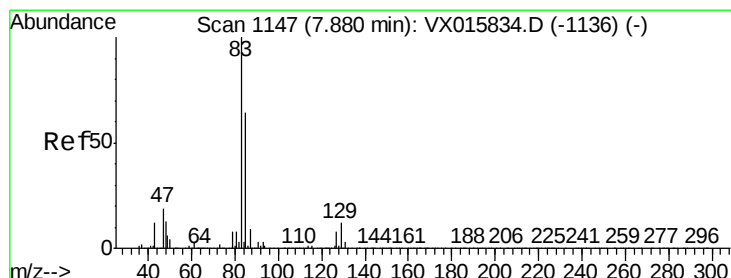
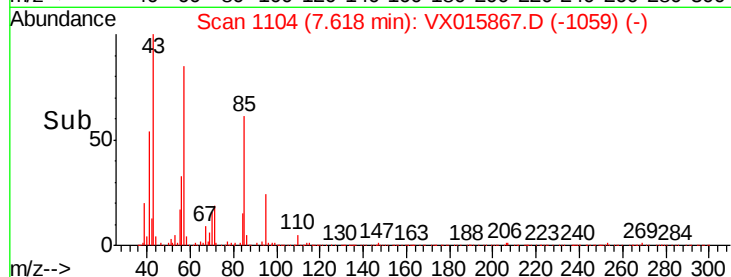
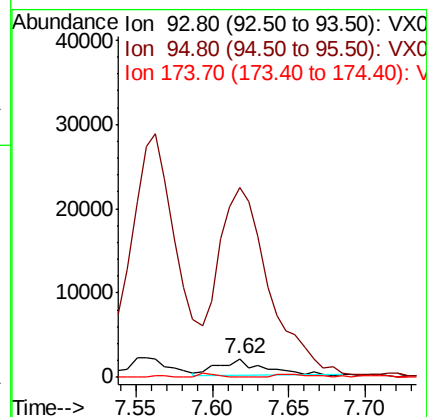
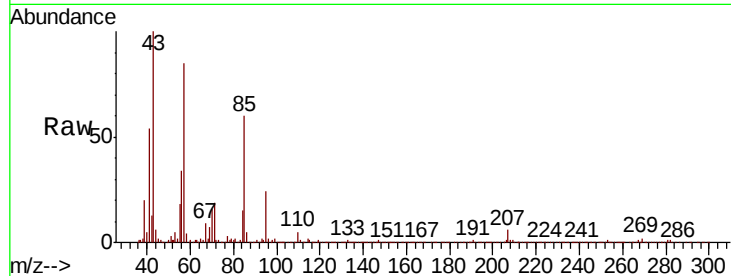
Tot Ion: 93 Resp: 3892

Ion Ratio Lower Upper

93 100

95 1299.7 65.8 98.8#

174 0.0 95.6 143.4#



#47

Bromodichloromethane

Concen: 1.018 ug/l

RT: 7.82 min Scan# 1138

Delta R.T. -0.05 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

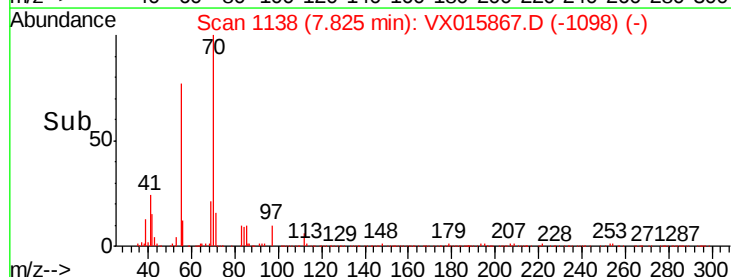
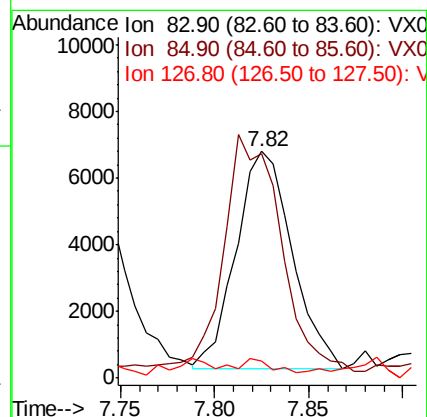
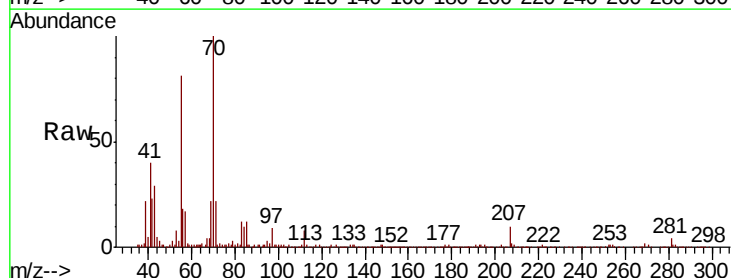
Tgt Ion: 83 Resp: 13548

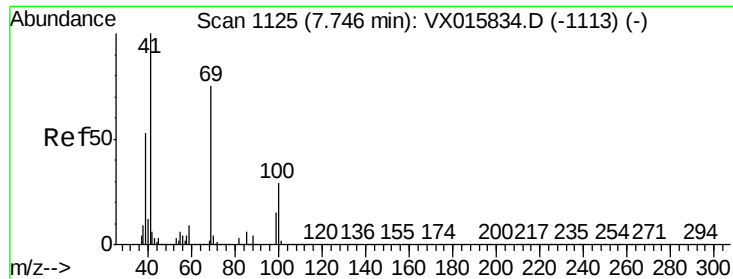
Ion Ratio Lower Upper

83 100

85 95.6 50.8 76.2#

127 3.6 6.6 10.0#

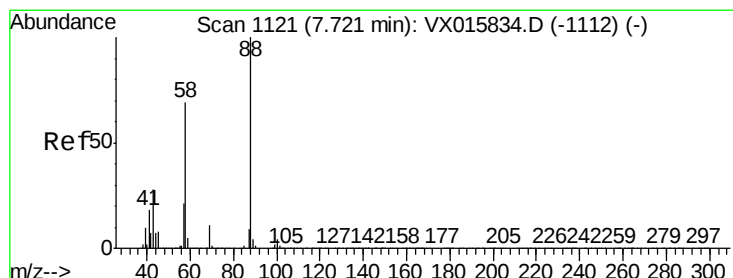
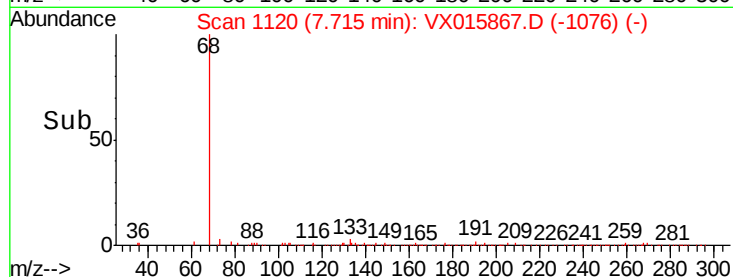
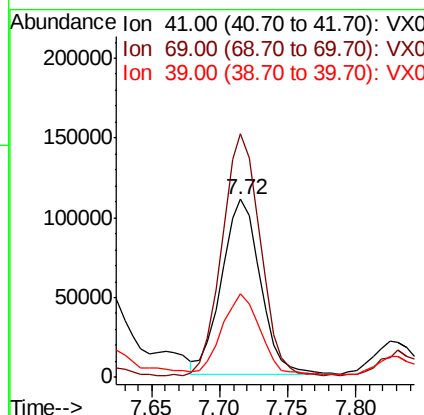
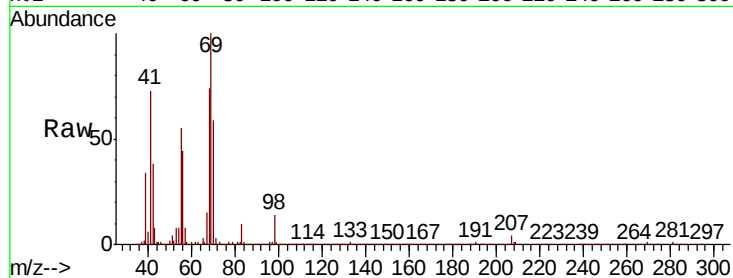




#48
Methvl methacrylate
Concen: 16.892 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.03 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

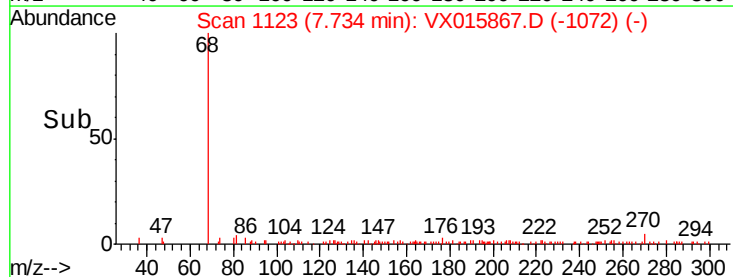
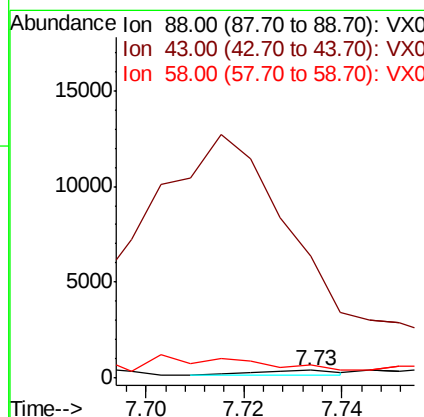
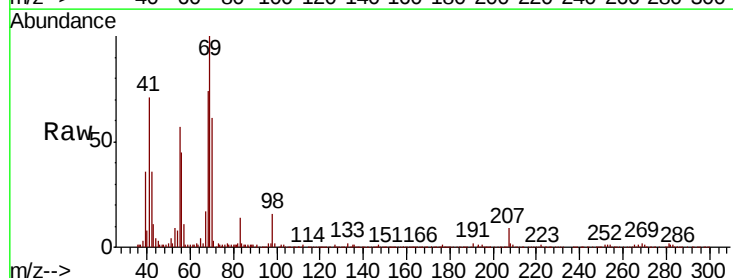
Instrument :
MSVOA_X
ClientSampleId :
KY001MW038-200421

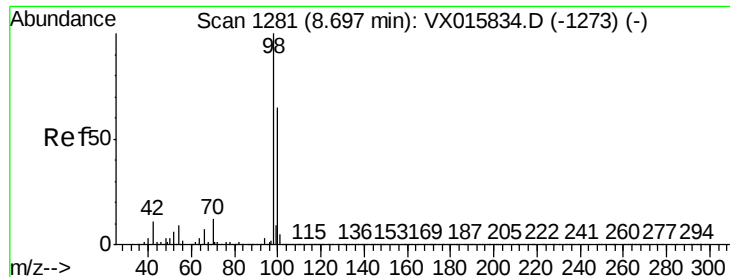
Tot Ion: 41 Resp: 216615
Ion Ratio Lower Upper
41 100
69 136.7 60.5 90.7#
39 45.8 42.1 63.1



#49
1,4-Dioxane
Concen: 1.188 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 88 Resp: 288
Ion Ratio Lower Upper
88 100
43 6881.6 28.2 42.4#
58 0.0 58.9 88.3#

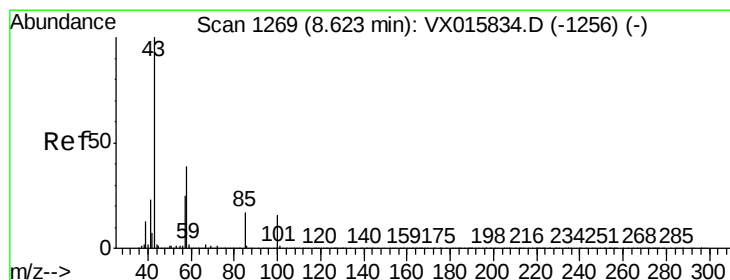
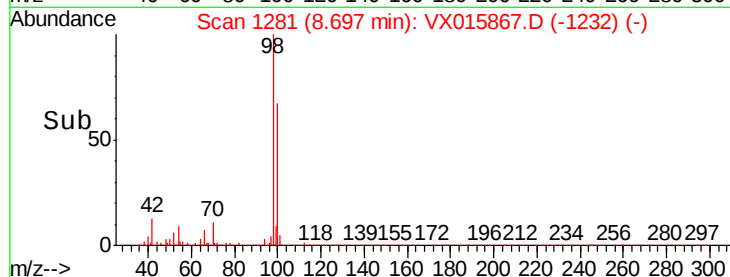
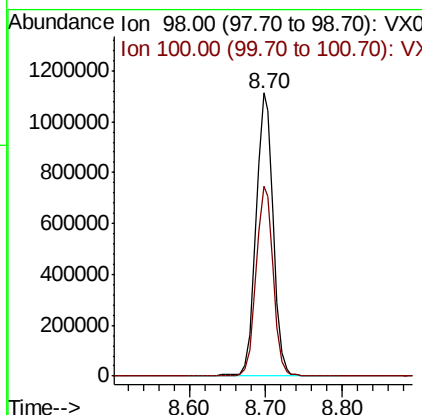
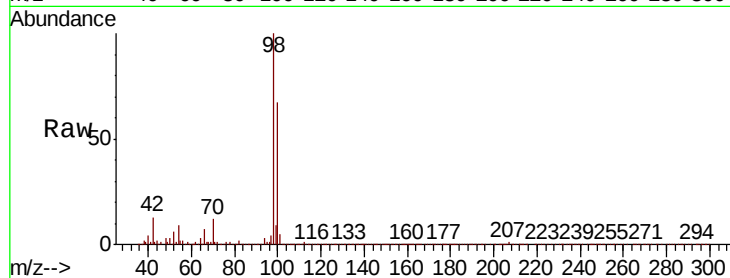




#50
Toluene-d8
Concen: 51.241 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

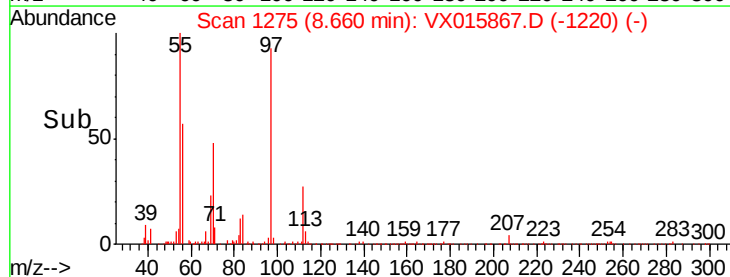
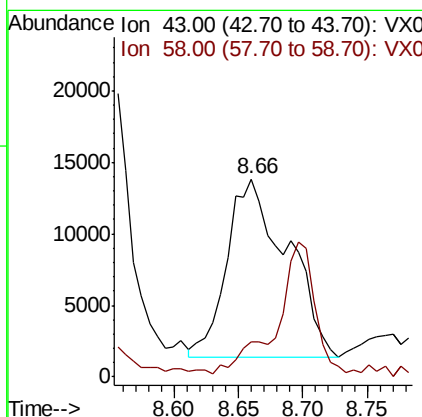
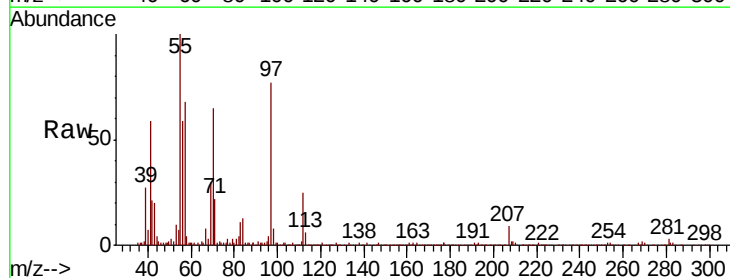
Instrument :
MSVOA_X
ClientSampleId :
KY001MW038-200421

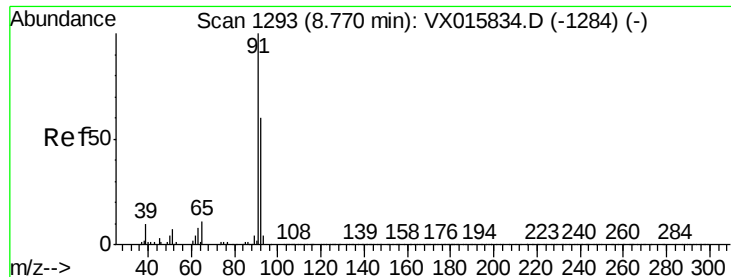
Tot Ion: 98 Resp: 1744106
Ion Ratio Lower Upper
98 100
100 66.6 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 2.730 ug/l
RT: 8.66 min Scan# 1275
Delta R.T. 0.04 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 43 Resp: 41080
Ion Ratio Lower Upper
43 100
58 0.0 30.6 45.8#





#52

Toluene

Concen: 3.383 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

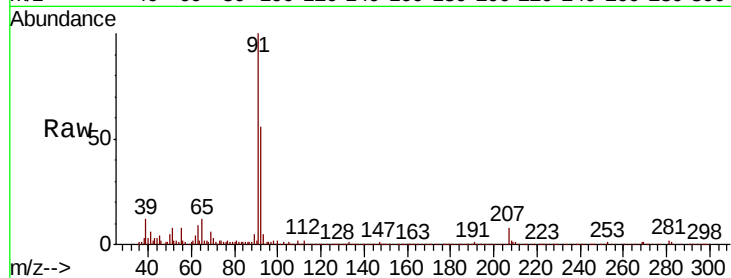
KY001MW038-200421

Tot Ion: 92 Resp: 84799

Ion Ratio Lower Upper

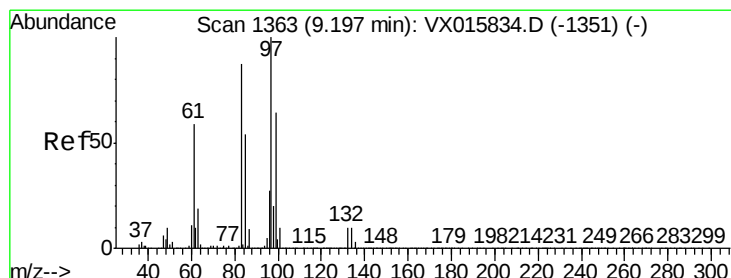
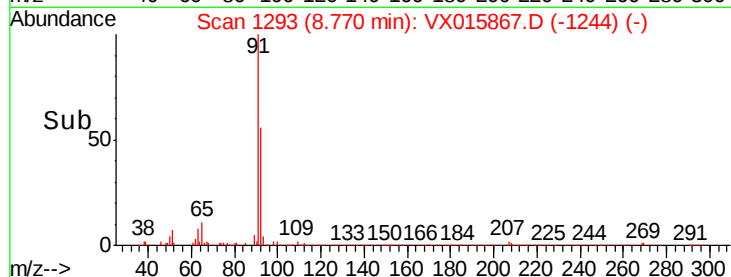
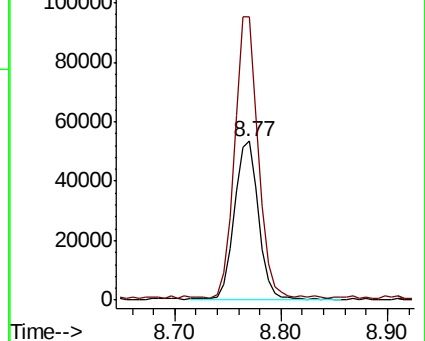
92 100

91 172.5 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 13.589 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Tgt Ion: 97 Resp: 133019

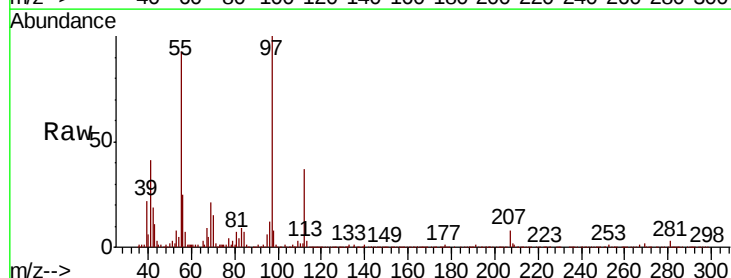
Ion Ratio Lower Upper

97 100

83 6.6 69.8 104.8#

85 0.5 43.4 65.2#

99 0.3 51.2 76.8#

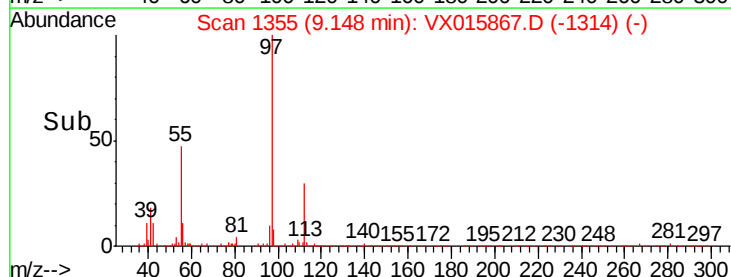
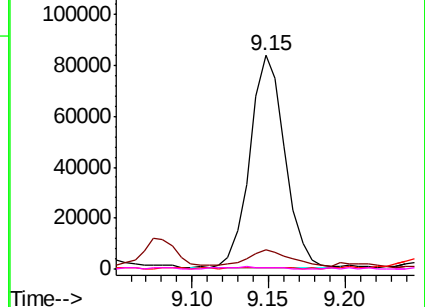


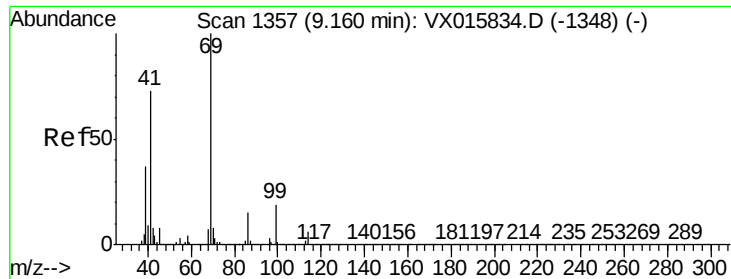
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 2.227 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

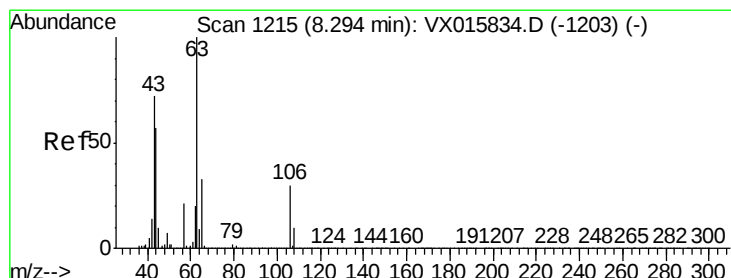
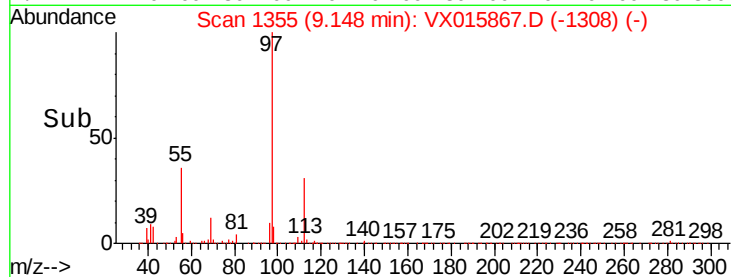
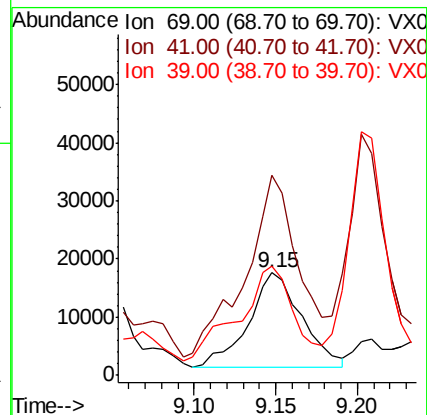
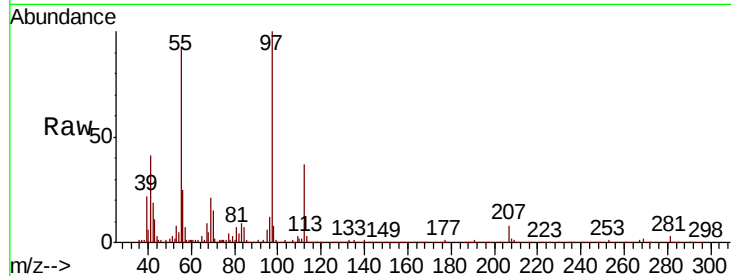
Tot Ion: 69 Resp: 36929

Ion Ratio Lower Upper

69 100

41 188.7 57.4 86.2#

39 102.5 29.7 44.5#



#58

2-Chloroethyl Vinyl ether

Concen: 0.861 ug/l

RT: 8.25 min Scan# 1208

Delta R.T. -0.04 min

Lab File: VX015867.D

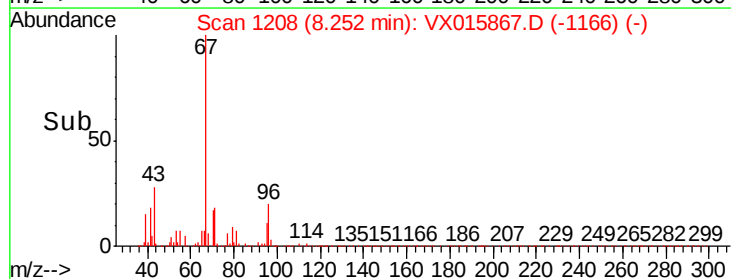
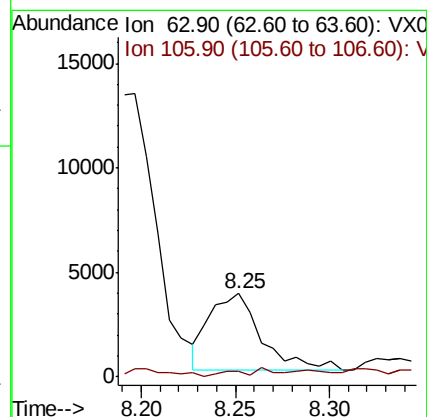
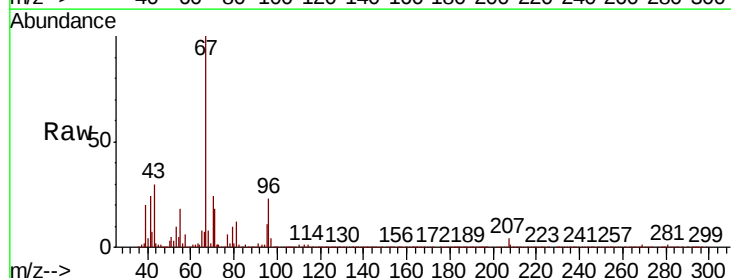
Acq: 23 Apr 2020 02:27

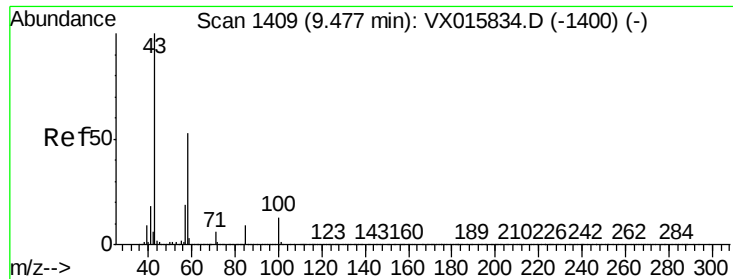
Tgt Ion: 63 Resp: 7129

Ion Ratio Lower Upper

63 100

106 4.1 23.8 35.8#

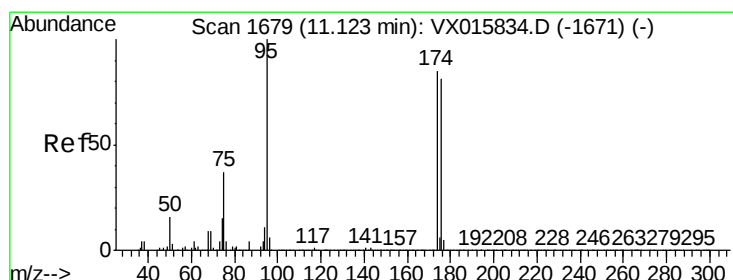
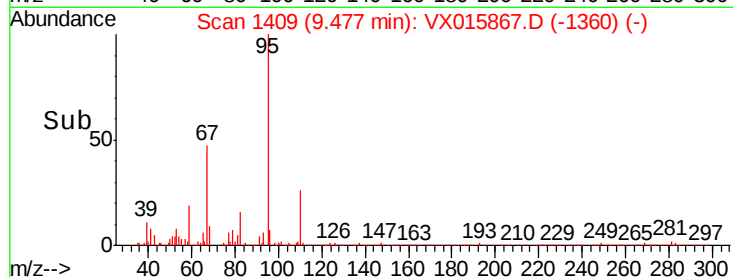
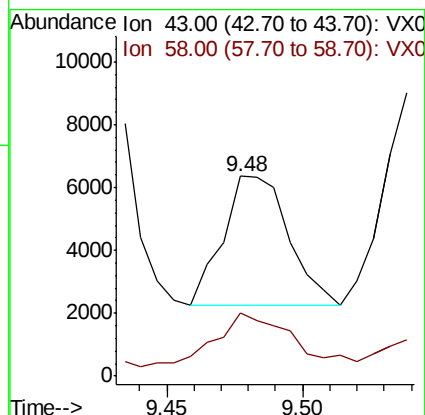
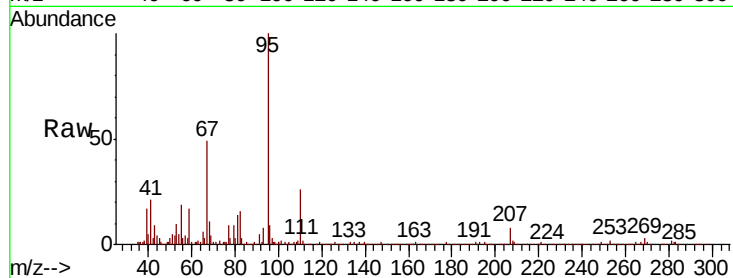




#59
2-Hexanone
Concen: 0.598 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

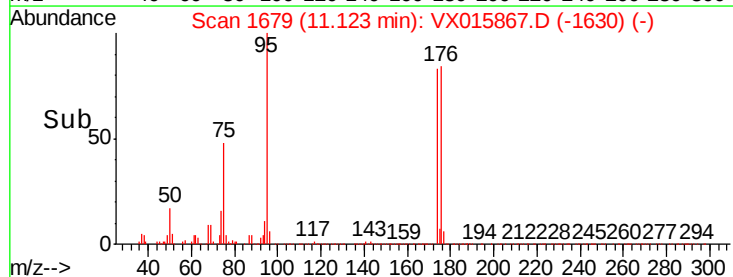
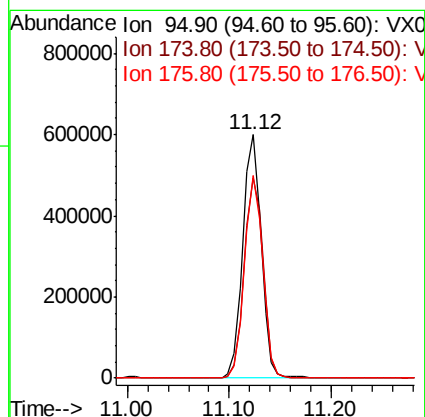
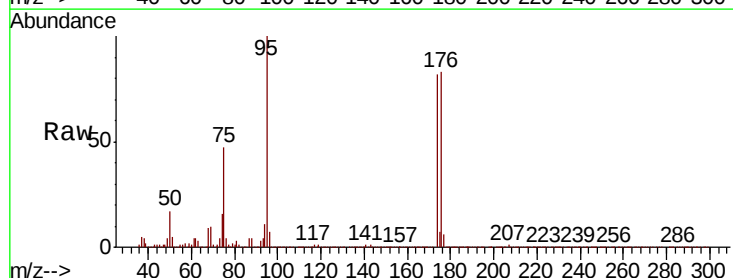
Instrument :
MSVOA_X
ClientSampleId :
KY001MW038-200421

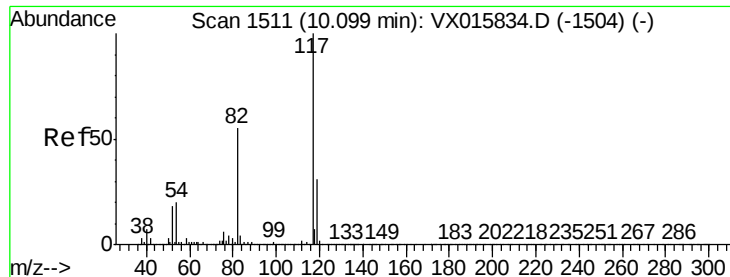
Tot Ion: 43 Resp: 6858
Ion Ratio Lower Upper
43 100
58 49.8 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 53.083 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 95 Resp: 741199
Ion Ratio Lower Upper
95 100
174 85.0 0.0 172.4
176 82.9 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: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

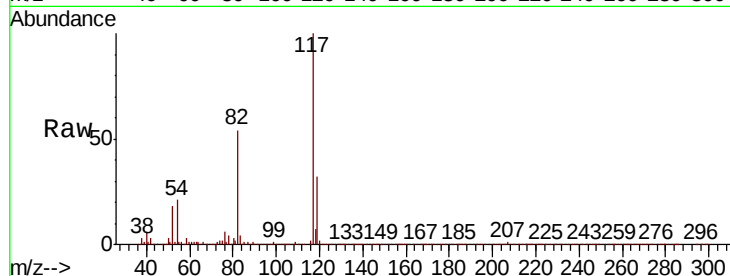
Tot Ion:117 Resp: 1424177

Ion Ratio Lower Upper

117 100

82 53.7 43.9 65.9

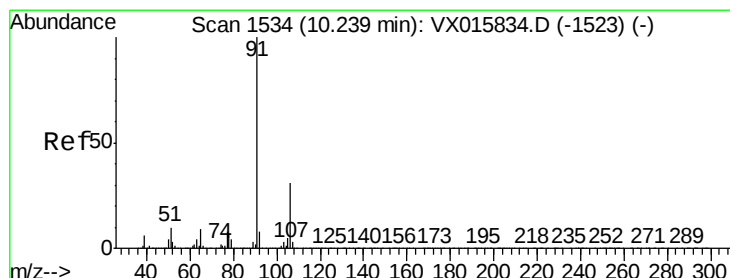
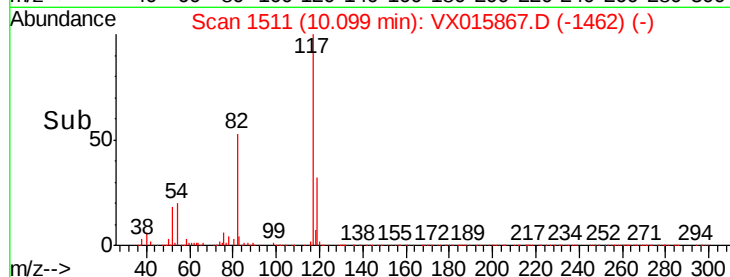
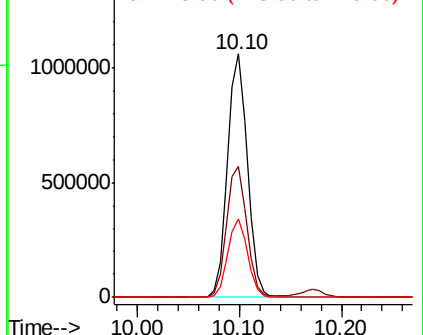
119 32.5 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 24.981 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015867.D

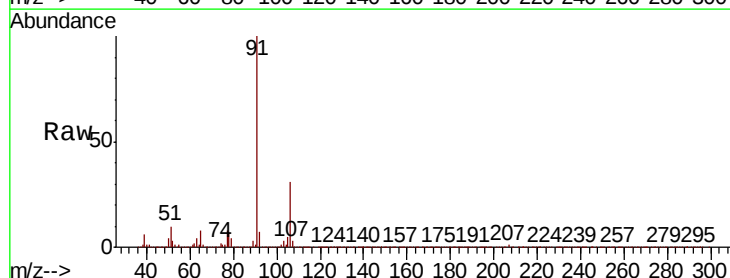
Acq: 23 Apr 2020 02:27

Tgt Ion: 91 Resp: 1249314

Ion Ratio Lower Upper

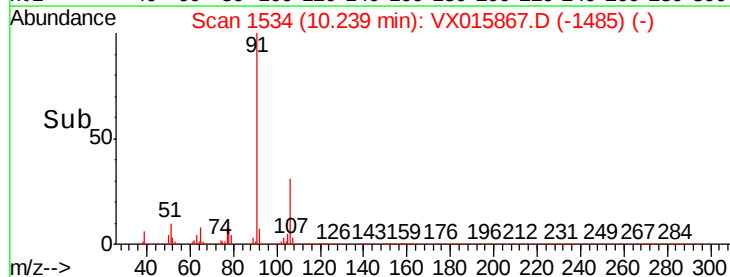
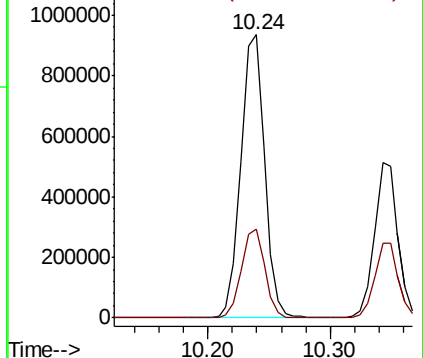
91 100

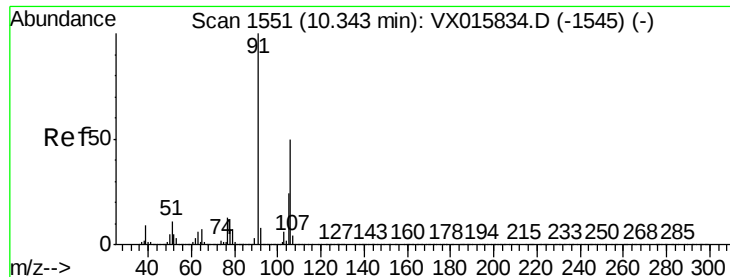
106 31.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 17.656 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

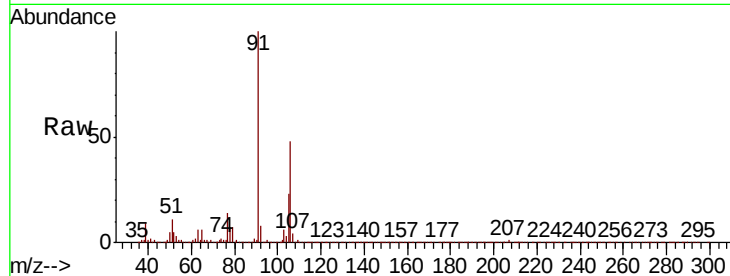
KY001MW038-200421

Tot Ion:106 Resp: 331428

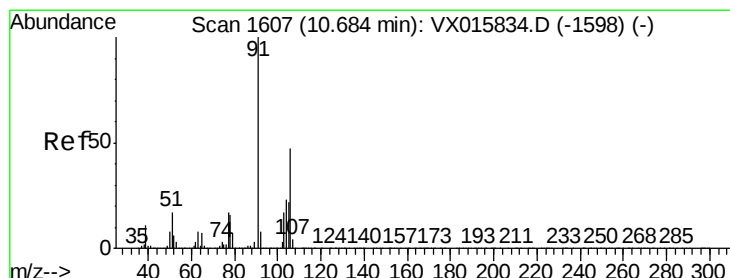
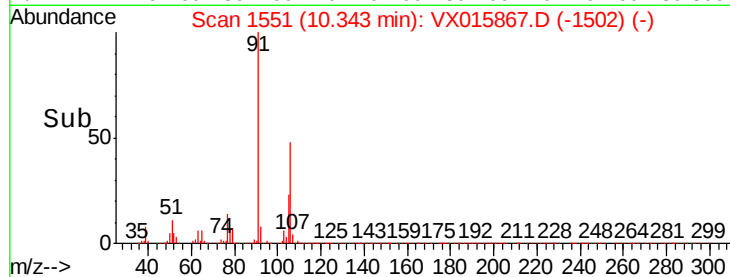
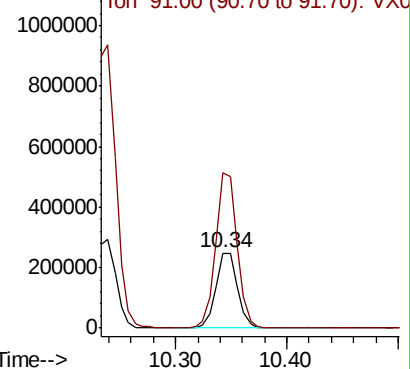
Ion Ratio Lower Upper

106 100

91 204.8 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.518 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015867.D

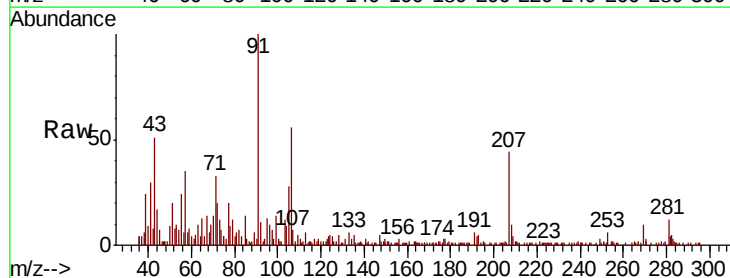
Acq: 23 Apr 2020 02:27

Tgt Ion:106 Resp: 9569

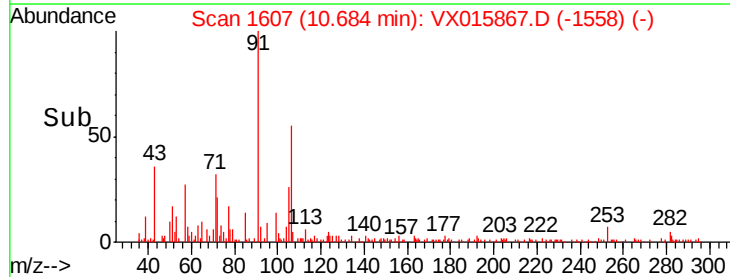
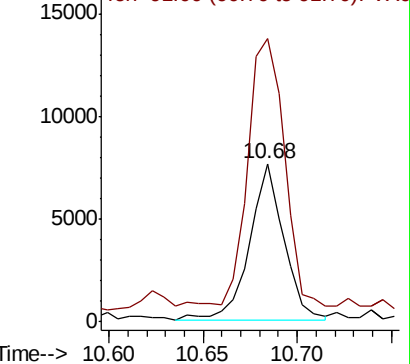
Ion Ratio Lower Upper

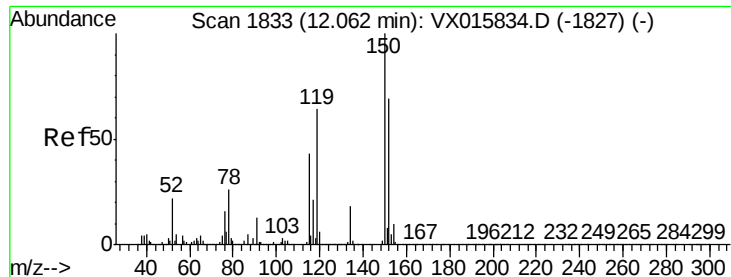
106 100

91 181.2 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

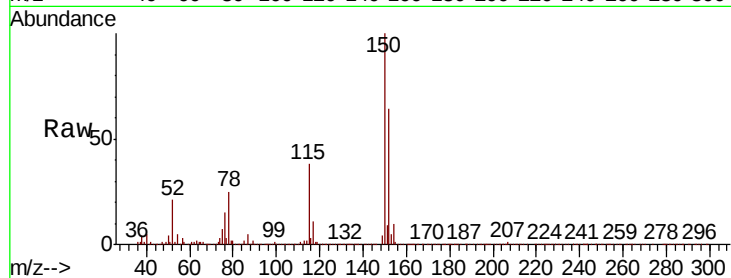
Tot Ion:152 Resp: 775015

Ion Ratio Lower Upper

152 100

115 56.9 39.0 116.9

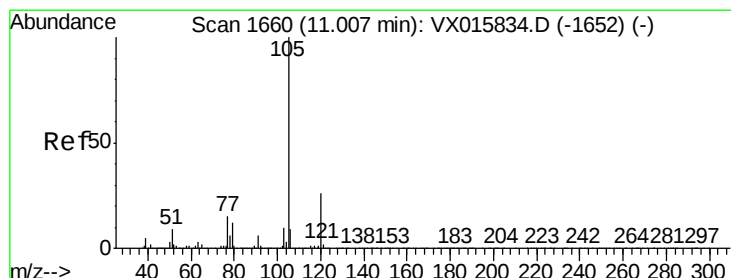
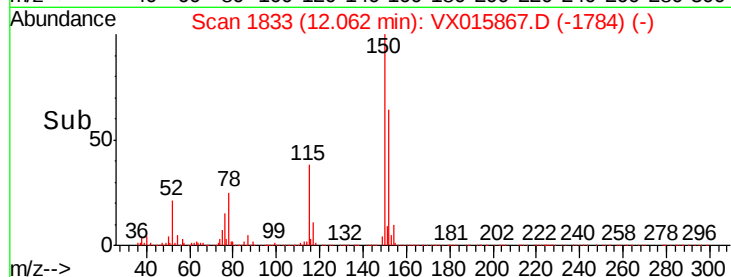
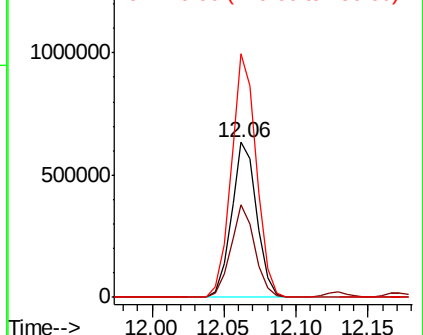
150 156.2 0.0 336.8



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: 133.478 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015867.D

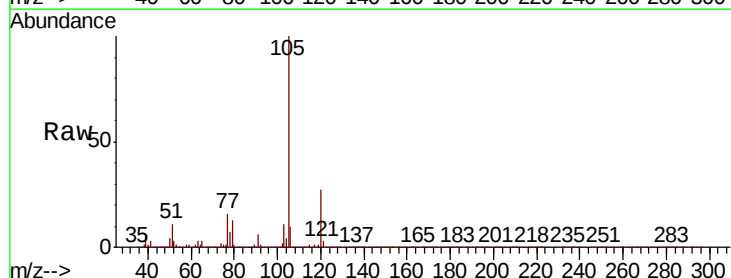
Acq: 23 Apr 2020 02:27

Tgt Ion:105 Resp: 6569956

Ion Ratio Lower Upper

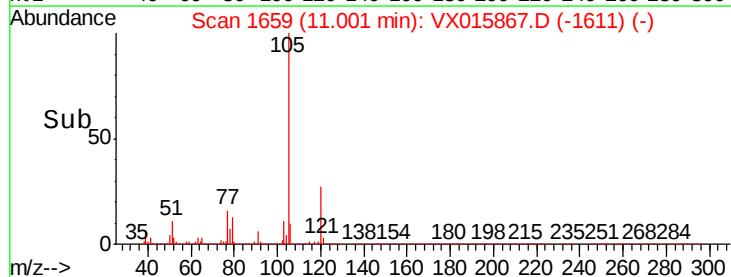
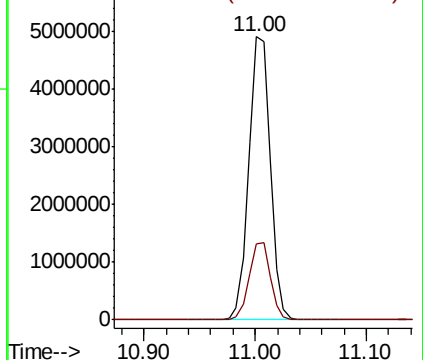
105 100

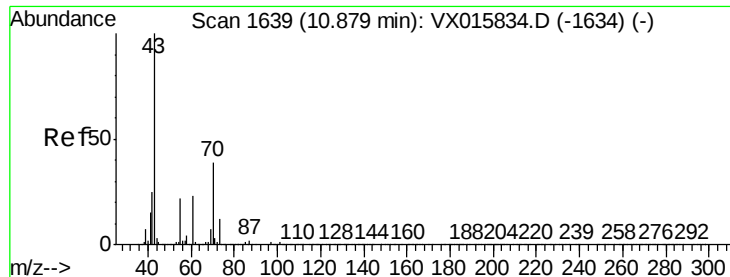
120 27.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

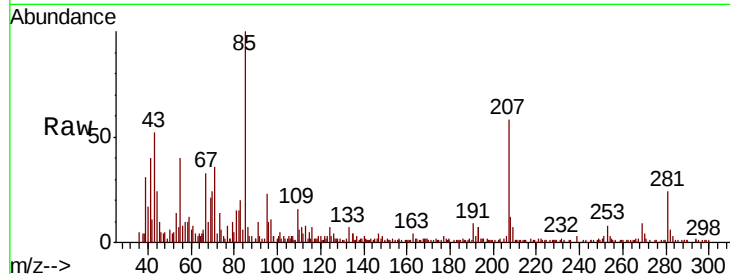




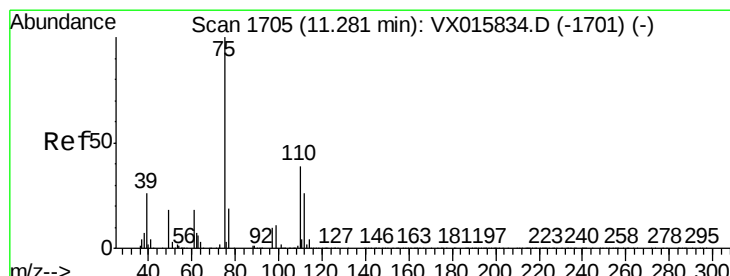
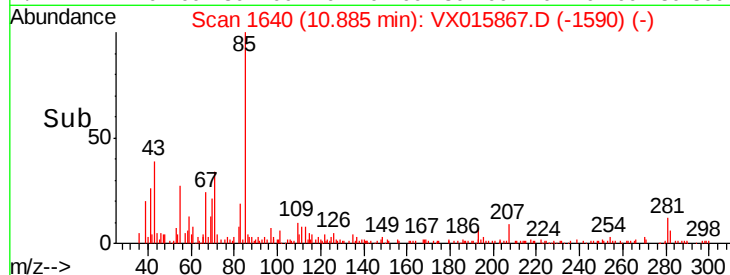
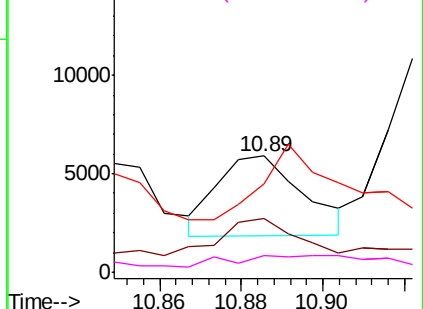
#74
N-amvl acetate
Concen: 0.234 ug/l
RT: 10.89 min Scan# 1640
Delta R.T. 0.01 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
KY001MW038-200421

Tot Ion: 43 Resp: 5951
Ion Ratio Lower Upper
43 100
70 43.4 32.6 49.0
55 89.8 18.3 27.5#
61 22.7 18.7 28.1

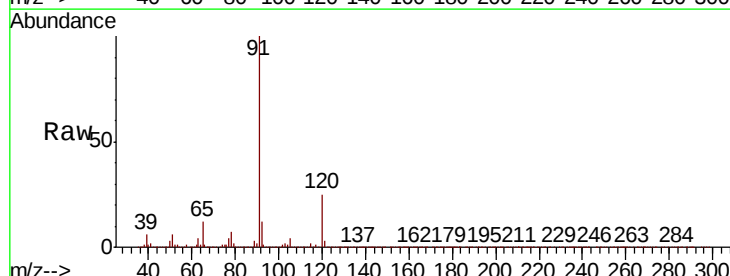


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0

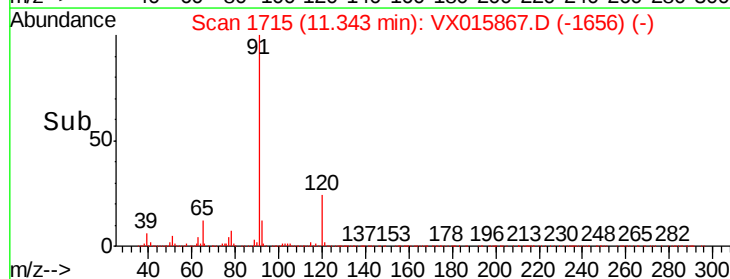
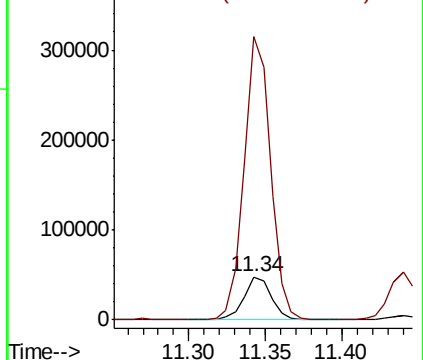


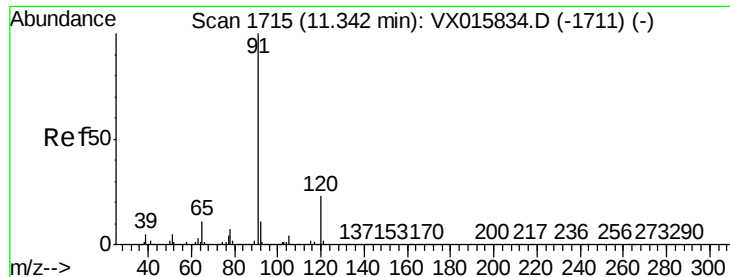
#76
1,2,3-Trichloropropane
Concen: 3.918 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. 0.06 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Tgt Ion: 75 Resp: 57747
Ion Ratio Lower Upper
75 100
77 653.0 21.3 63.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 160.075 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

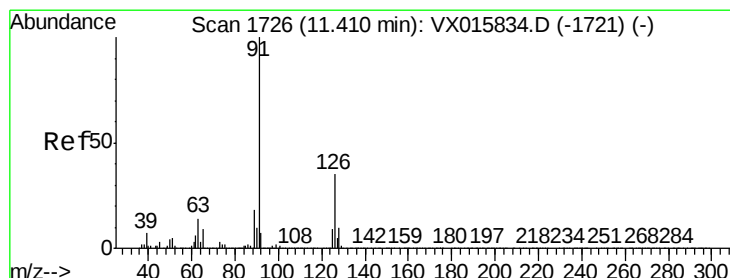
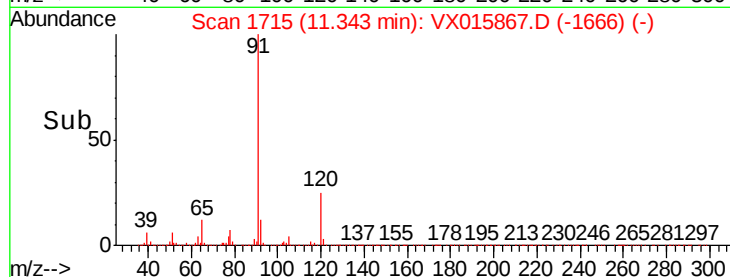
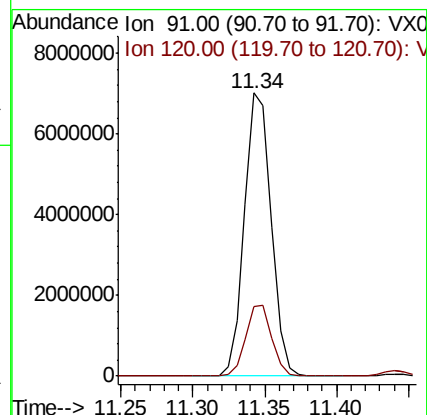
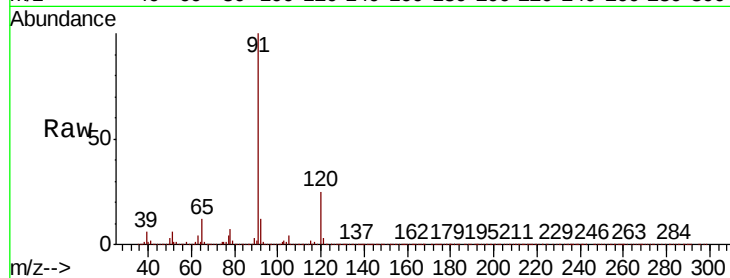
KY001MW038-200421

Tot Ion: 91 Resp: 9025850

Ion Ratio Lower Upper

91 100

120 24.5 11.7 35.1



#79

2-Chlorotoluene

Concen: 266.488 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015867.D

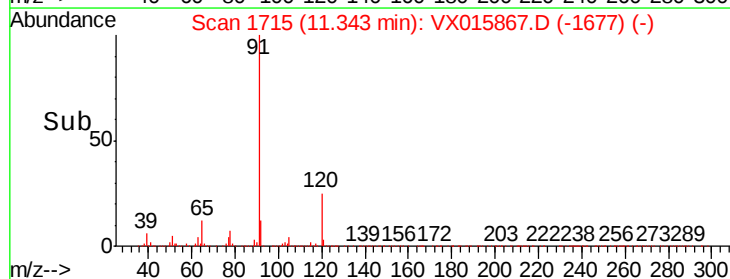
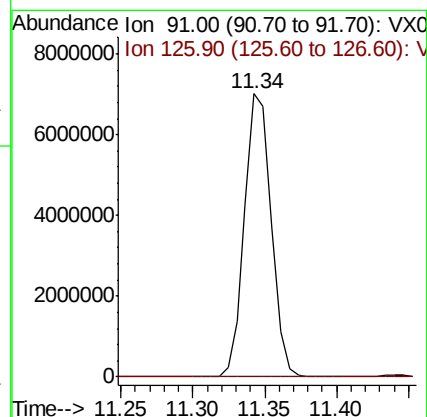
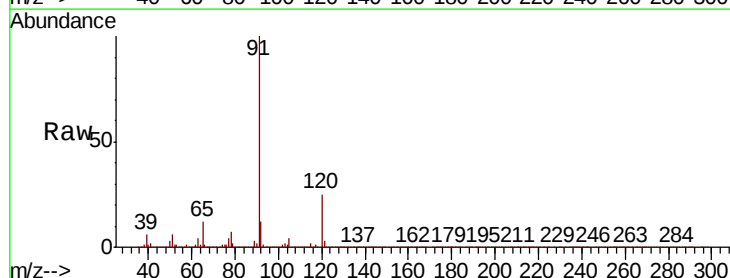
Acq: 23 Apr 2020 02:27

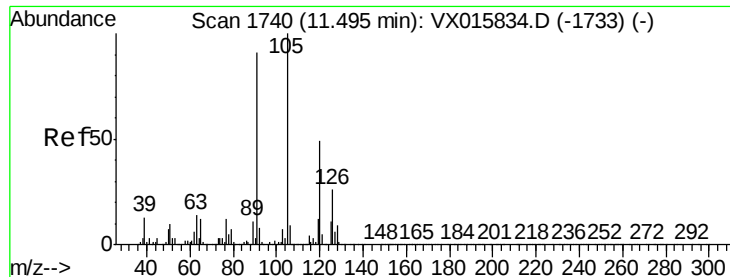
Tgt Ion: 91 Resp: 9025850

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#

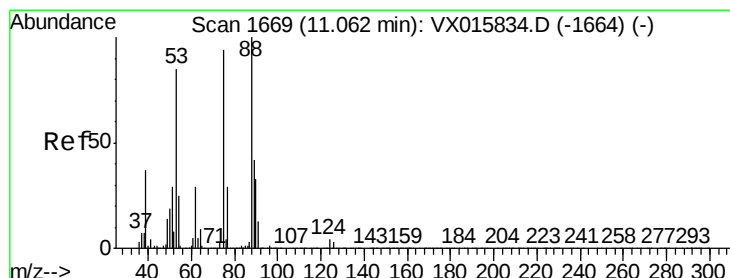
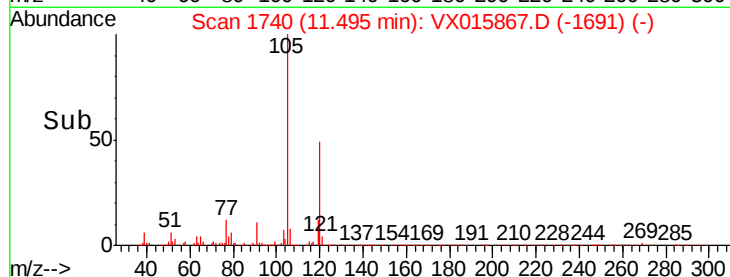
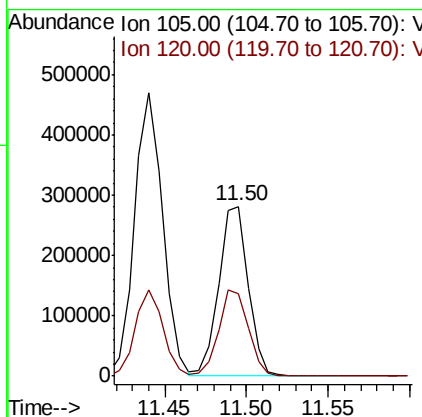
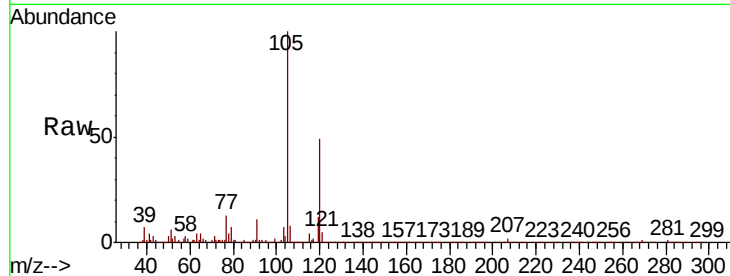




#80
 1,3,5-Trimethylbenzene
 Concen: 8.419 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015867.D
 Acq: 23 Apr 2020 02:27

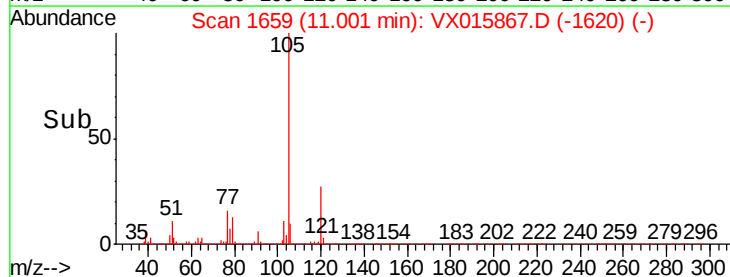
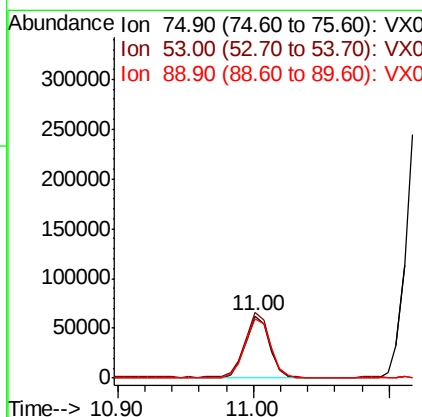
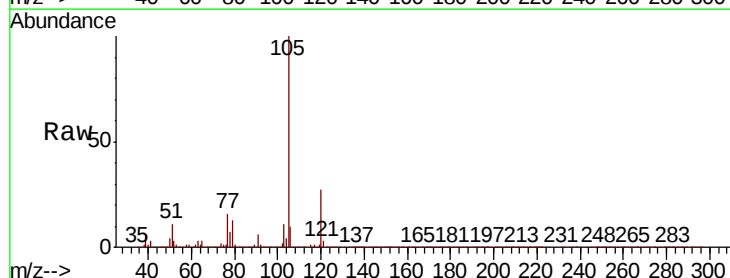
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW038-200421

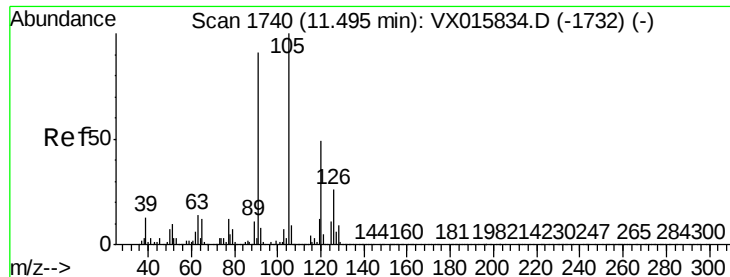
Tot Ion:105 Resp: 353346
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 12.584 ug/l
 RT: 11.00 min Scan# 1659
 Delta R.T. -0.06 min
 Lab File: VX015867.D
 Acq: 23 Apr 2020 02:27

Tgt Ion: 75 Resp: 77098
 Ion Ratio Lower Upper
 75 100
 53 107.3 74.2 111.2
 89 101.1 38.0 57.0#





#82

4-Chlorotoluene

Concen: 224.260 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.15 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

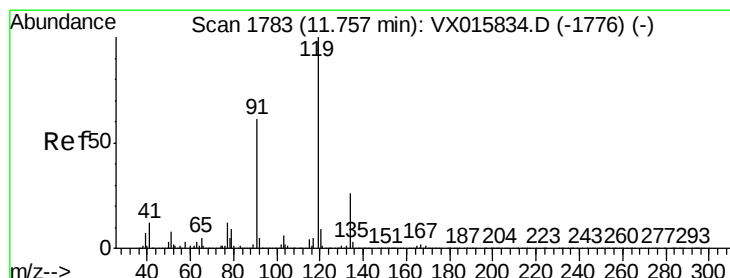
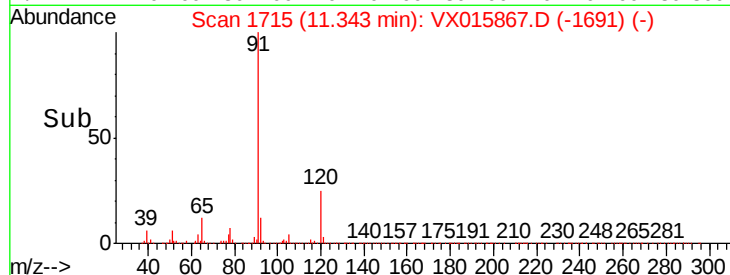
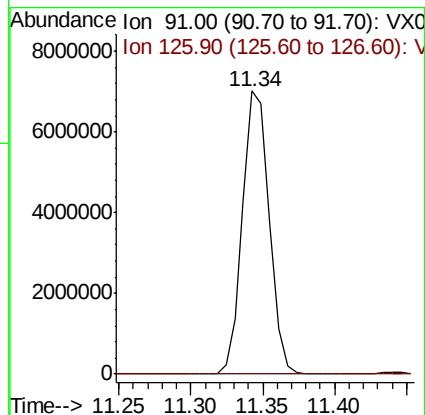
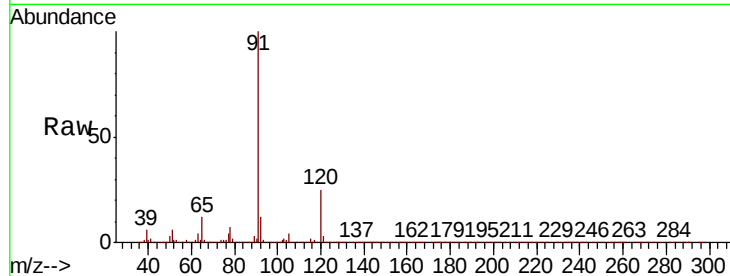
KY001MW038-200421

Tot Ion: 91 Resp: 9025850

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



#83

tert-Butylbenzene

Concen: 0.749 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

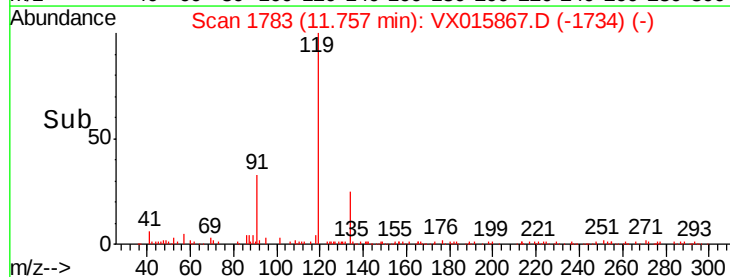
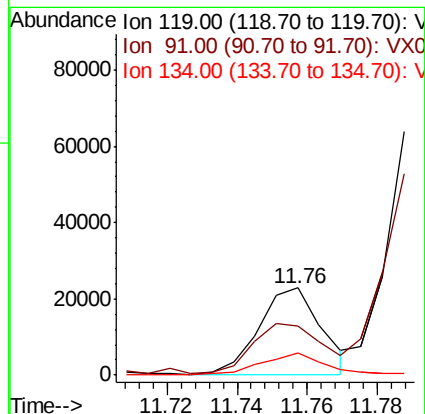
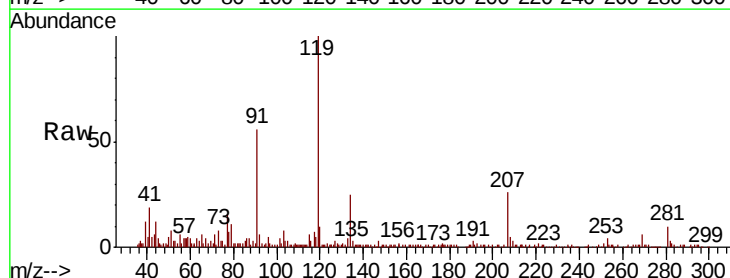
Tgt Ion: 119 Resp: 27882

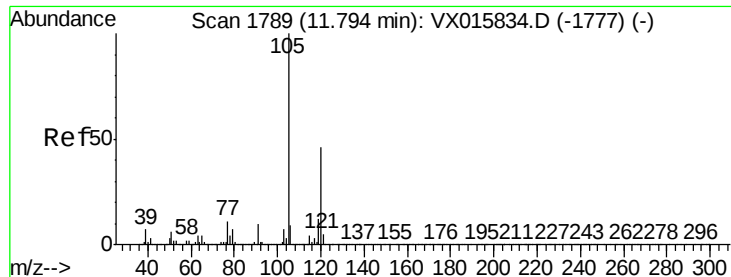
Ion Ratio Lower Upper

119 100

91 64.3 30.9 92.7

134 28.7 12.4 37.2





#84

1,2,4-Trimethylbenzene

Concen: 16.166 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

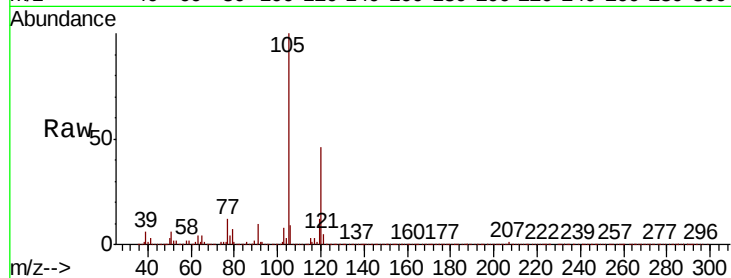
KY001MW038-200421

Tot Ion:105 Resp: 704416

Ion Ratio Lower Upper

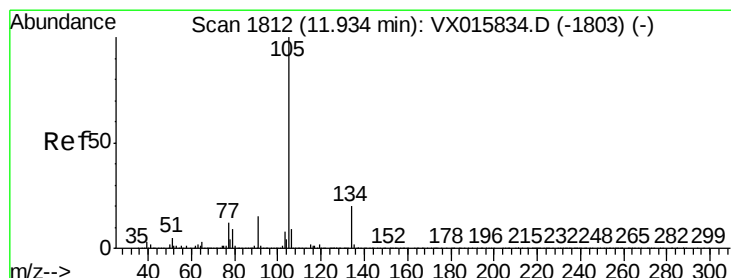
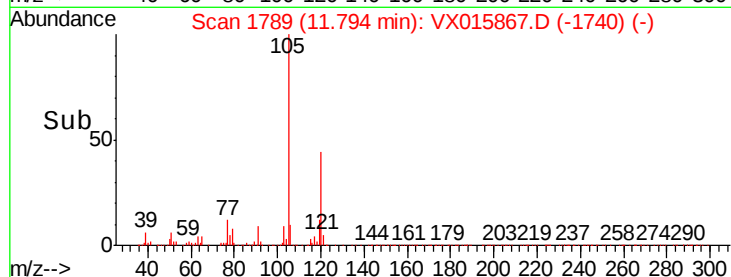
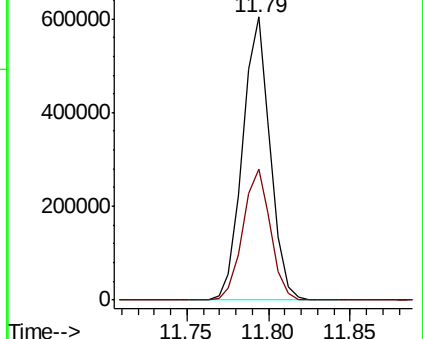
105 100

120 47.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 6.509 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015867.D

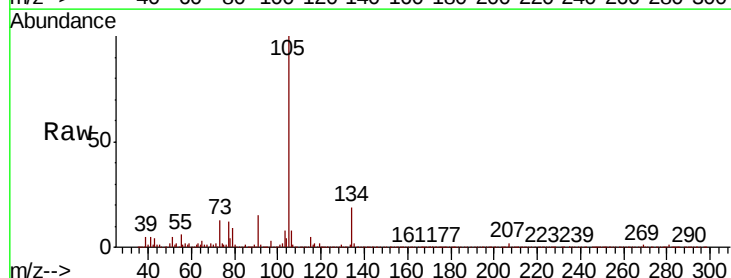
Acq: 23 Apr 2020 02:27

Tgt Ion:105 Resp: 319423

Ion Ratio Lower Upper

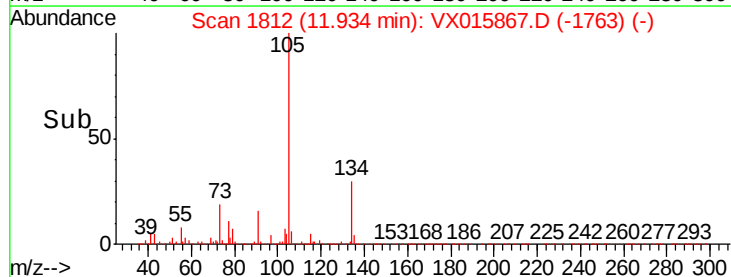
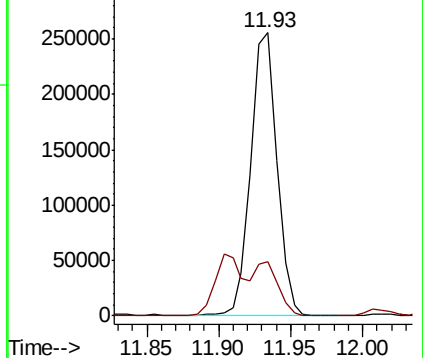
105 100

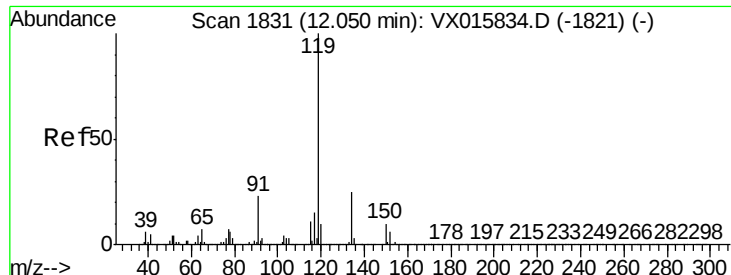
134 16.2 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 1.330 ug/l

RT: 12.13 min Scan# 1844

Delta R.T. 0.08 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

KY001MW038-200421

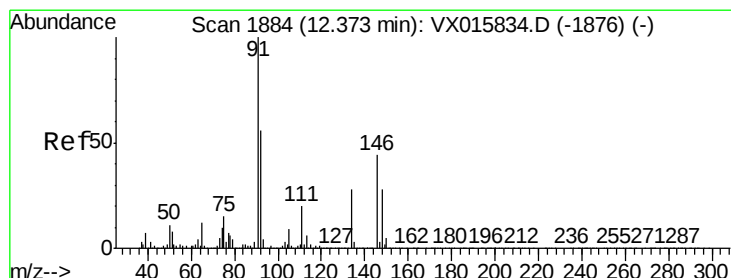
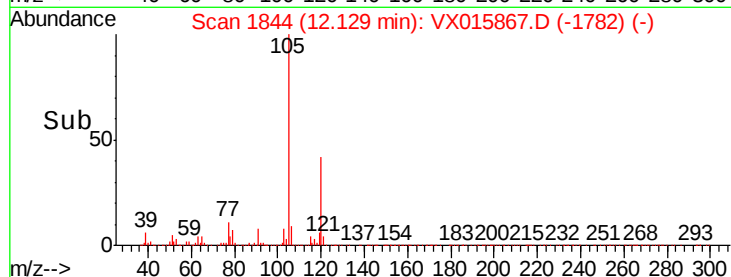
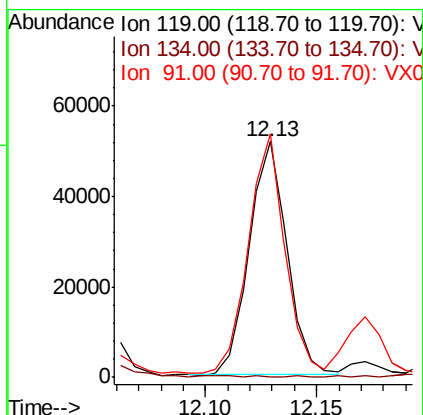
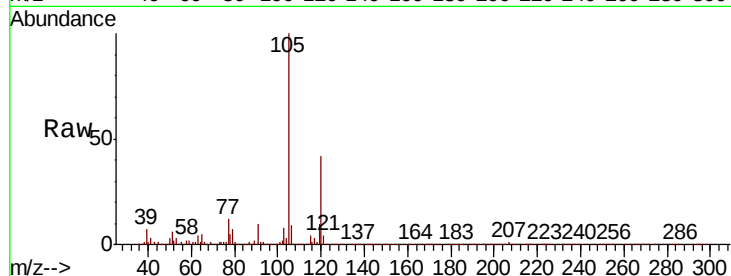
Tot Ion:119 Resp: 61022

Ion Ratio Lower Upper

119 100

134 0.0 13.0 38.9#

91 0.0 11.5 34.5#



#89

n-Butylbenzene

Concen: 11.000 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

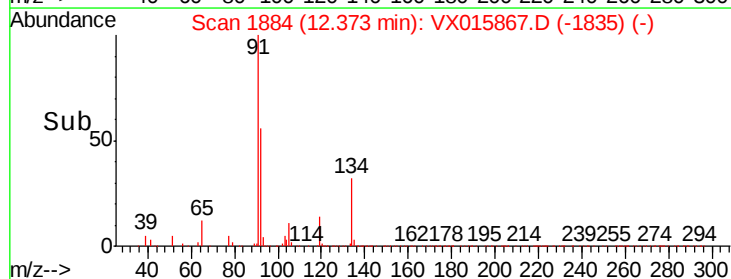
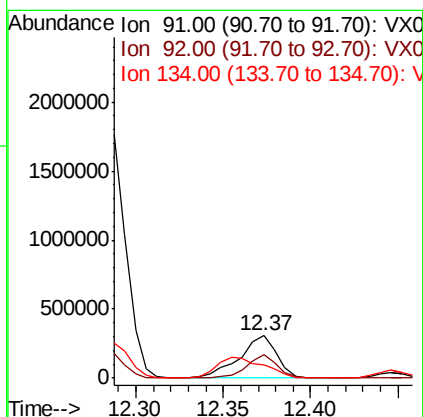
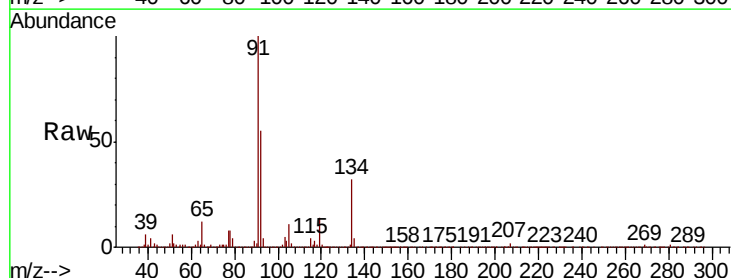
Tgt Ion: 91 Resp: 451327

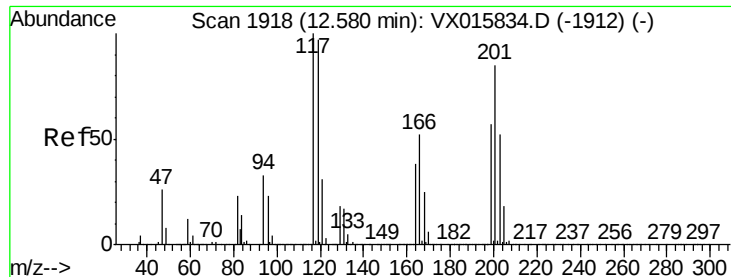
Ion Ratio Lower Upper

91 100

92 44.7 27.7 83.1

134 62.5 14.1 42.4#





#90

Hexachloroethane

Concen: 58.790 ug/l

RT: 12.65 min Scan# 1930

Delta R.T. 0.07 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

Instrument :

MSVOA_X

ClientSampleId :

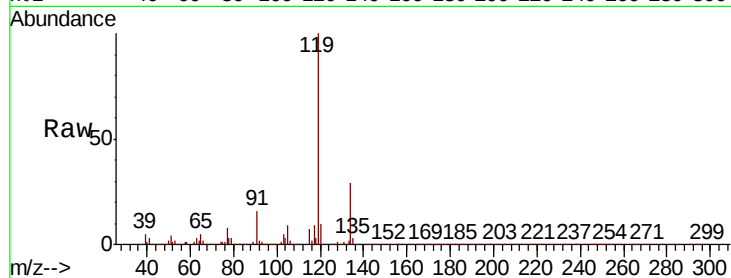
KY001MW038-200421

Tot Ion:117 Resp: 285005

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

600000

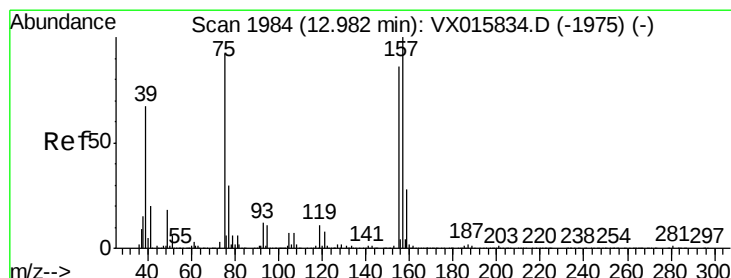
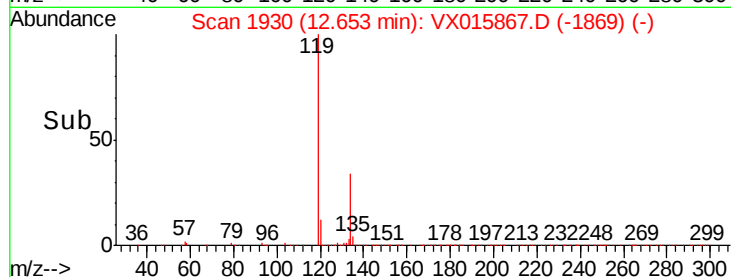
400000

200000

0

12.62 12.64 12.66

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.527 ug/l

RT: 13.00 min Scan# 1987

Delta R.T. 0.02 min

Lab File: VX015867.D

Acq: 23 Apr 2020 02:27

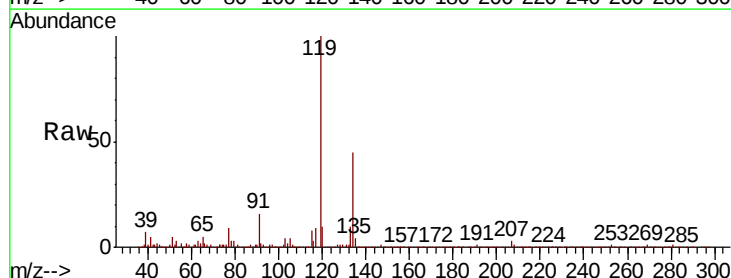
Tgt Ion: 75 Resp: 1628

Ion Ratio Lower Upper

75 100

155 16.5 48.1 144.4#

157 23.8 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

6000

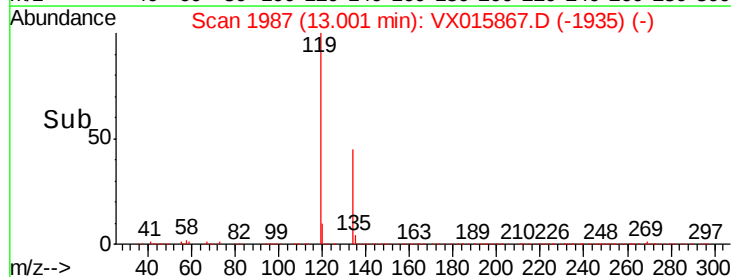
4000

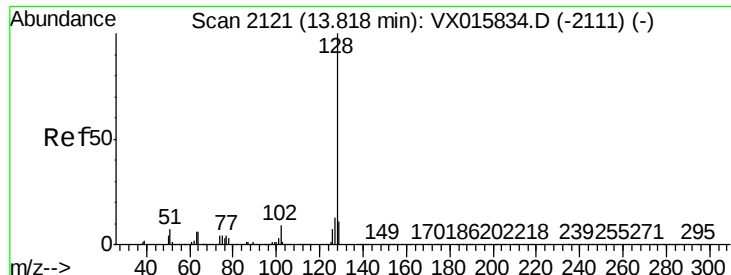
2000

0

12.98 13.00 13.02

Time-->





#95
Naphthalene
Concen: 232.235 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015867.D
Acq: 23 Apr 2020 02:27

Instrument :
MSVOA_X
ClientSampleId :
KY001MW038-200421

Tot Ion:128 Resp:12326600
Ion Ratio Lower Upper
128 100
127 15.3 10.5 15.7
129 12.9 8.5 12.7#

