

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015868.D
 Acq On : 23 Apr 2020 02:49
 Operator : JC/SP
 Sample : L2380-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

Quant Time: Apr 23 05:02:54 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	934151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1410084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1412317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	770098	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	529570	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	5.47	113	423766	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
50) Toluene-d8	8.70	98	1713586	52.30	ug/l	0.00
Spiked Amount			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	11.12	95	732396	54.49	ug/l	0.00
Spiked Amount			Recovery	=	108.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2985	0.364	ug/l #	81
6) Chloroethane	1.71	64	1944	0.360	ug/l #	63
11) Tert butyl alcohol	3.01	59	34210	15.759	ug/l #	73
13) Acrolein	2.30	56	921	0.717	ug/l #	15
14) Allyl chloride	2.83	41	149235	8.583	ug/l #	80
15) Acrylonitrile	3.16	53	43930	8.718	ug/l #	34
16) Acetone	2.42	43	52262	11.297	ug/l	95
17) Carbon Disulfide	2.56	76	23095	0.777	ug/l	97
18) Methyl Acetate	2.83	43	312097	20.435	ug/l #	54
19) Methyl tert-butyl Ether	3.17	73	2617169	90.607	ug/l #	65
20) Methylene Chloride	2.84	84	2498	0.266	ug/l #	1
23) Vinyl Acetate	3.80	43	24425	0.942	ug/l #	79
25) 2-Butanone	4.64	43	27268	3.729	ug/l	97
29) Tetrahydrofuran	5.11	42	9306	1.924	ug/l #	73
31) Cyclohexane	5.55	56	1164730	75.034	ug/l	95
36) 1,1-Dichloropropene	5.63	75	59636	4.771	ug/l #	51
38) Carbon Tetrachloride	5.63	117	82605	6.709	ug/l #	16
39) Methylcyclohexane	7.45	83	949215	59.962	ug/l	96
40) Benzene	6.12	78	22833214	606.458	ug/l	92
41) Methacrylonitrile	4.98	41	4968	0.601	ug/l #	31
42) 1,2-Dichloroethane	6.12	62	210997	15.563	ug/l #	73
43) Isopropyl Acetate	6.41	43	92621	3.691	ug/l #	39
45) 1,2-Dichloropropane	7.43	63	14389	1.458	ug/l #	1
46) Dibromomethane	7.63	93	2010	0.279	ug/l #	11
47) Bromodichloromethane	7.83	83	9011	0.703	ug/l #	68
48) Methyl methacrylate	7.72	41	164550	13.330	ug/l #	57
49) 1,4-Dioxane	7.73	88	755	3.236	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	185810	12.827	ug/l	88
52) Toluene	8.77	92	2028606	84.060	ug/l	99
55) 1,1,2-Trichloroethane	9.15	97	110191	11.693	ug/l #	18
56) Ethyl methacrylate	9.15	69	33075	2.072	ug/l #	1
59) 2-Hexanone	9.42	43	8365094	758.039	ug/l #	25
67) Ethyl Benzene	10.34	91	16979612	342.366	ug/l #	6
68) m/p-Xylenes	10.35	106	12581324	675.851	ug/l #	56

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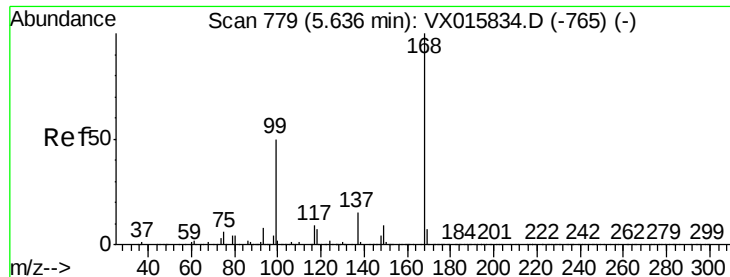
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

Quant Time: Apr 23 05:02:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	10.68	106	1863898	101.748	ug/l	99
70) Styrene	10.68	104	114989	3.625	ug/l #	1
73) Isopropylbenzene	11.00	105	7378648	150.865	ug/l	98
74) N-ethyl acetate	10.83	43	59676	2.363	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	11.28	83	7530	0.727	ug/l #	1
76) 1,2,3-Trichloropropane	11.34	75	45285	3.092	ug/l #	1
78) n-propylbenzene	11.35	91	7222251	128.905	ug/l	99
79) 2-Chlorotoluene	11.44	91	1604600	47.678	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	6339544	152.013	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.00	75	85760	14.088	ug/l #	55
82) 4-Chlorotoluene	11.49	91	682781	17.073	ug/l #	45
83) tert-Butylbenzene	11.76	119	168072	4.543	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	11622074	268.431	ug/l	91
85) sec-Butylbenzene	11.79	105	11622074	238.328	ug/l #	56
86) p-Isopropyltoluene	12.05	119	126516	2.775	ug/l #	77
89) n-Butylbenzene	12.36	91	457398	11.219	ug/l #	9
90) Hexachloroethane	12.68	117	320486	66.531	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11389	3.710	ug/l #	1
95) Naphthalene	13.82	128	9507553	180.268	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015868.D

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Instrument :

MSVOA_X

ClientSampleId :

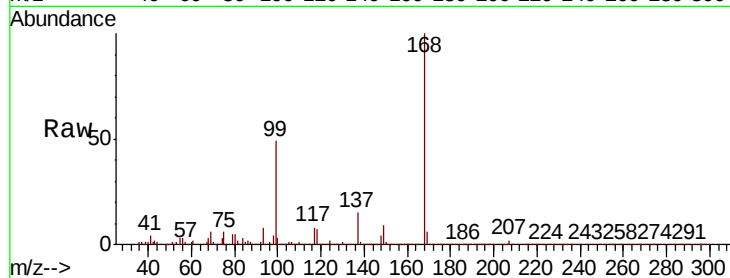
KY001MW022-200421

Tot Ion:168 Resp: 934151

Ion Ratio Lower Upper

168 100

99 48.4 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

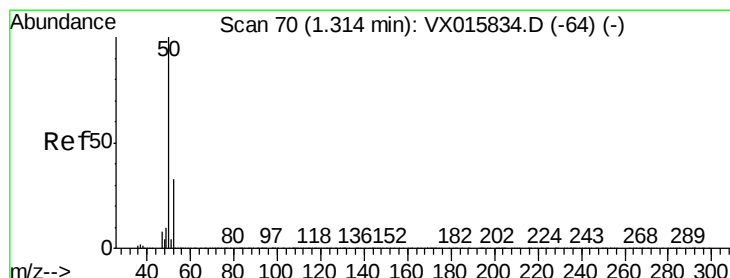
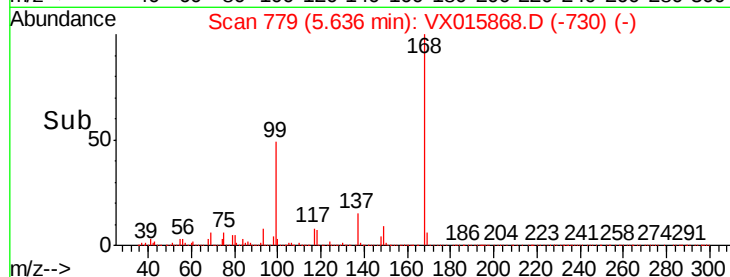
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.364 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015868.D

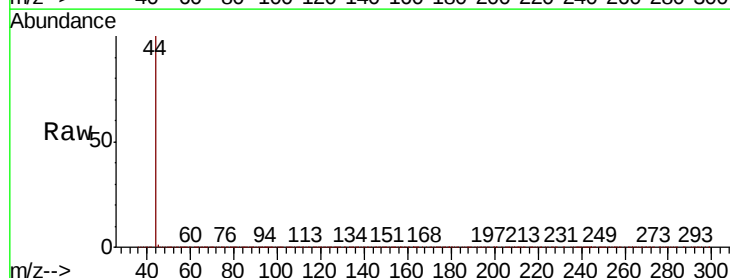
Acq: 23 Apr 2020 02:49

Tgt Ion: 50 Resp: 2985

Ion Ratio Lower Upper

50 100

52 22.0 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

3000

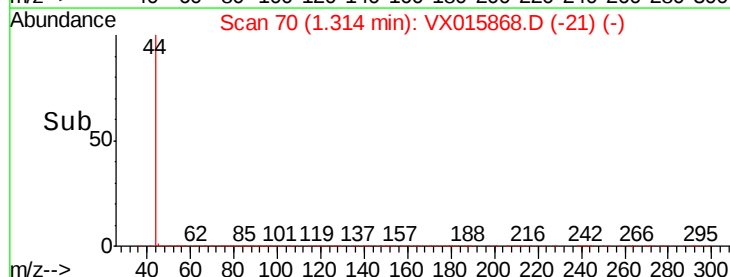
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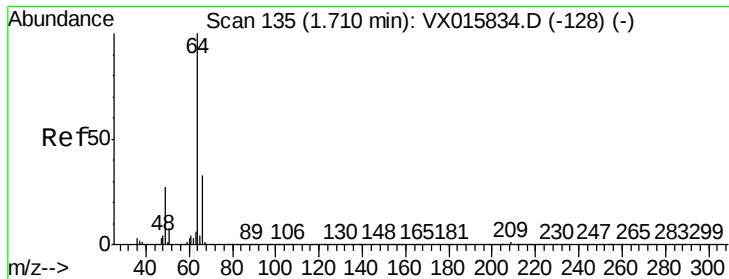
1000

0

Time-->

1.30 1.35





#6

Chloroethane

Concen: 0.360 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

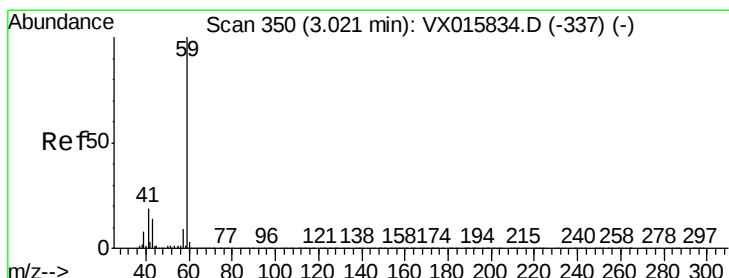
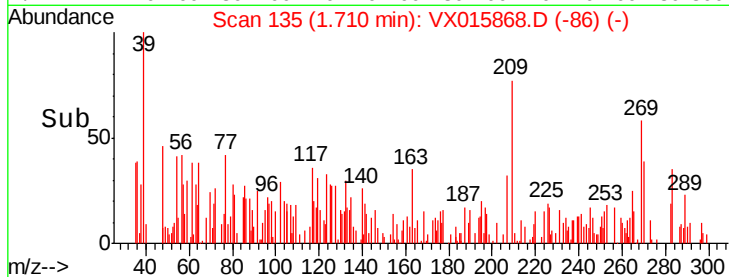
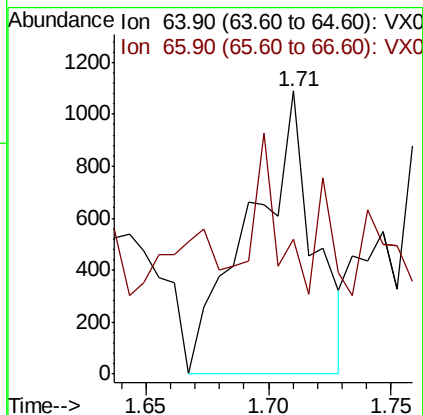
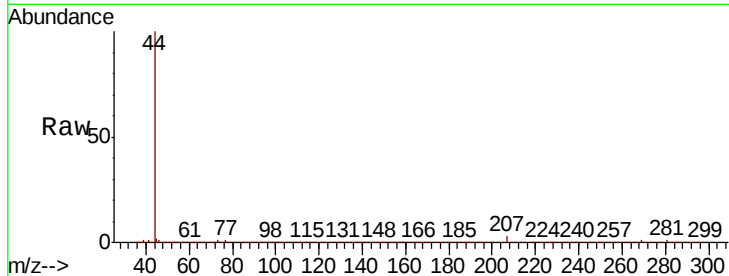
KY001MW022-200421

Tot Ion: 64 Resp: 1944

Ion Ratio Lower Upper

64 100

66 11.9 26.2 39.2#



#11

Tert butyl alcohol

Concen: 15.759 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015868.D

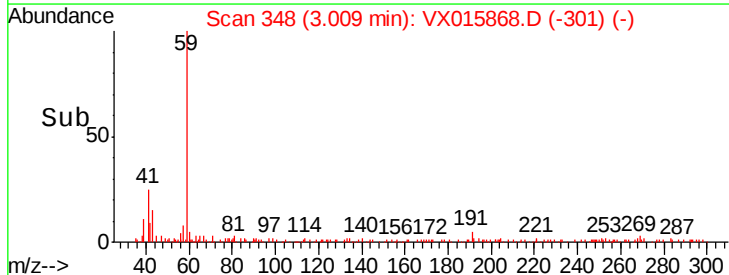
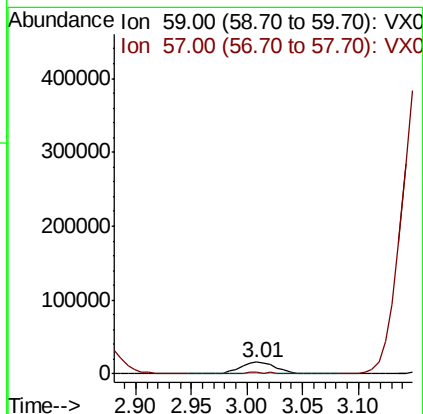
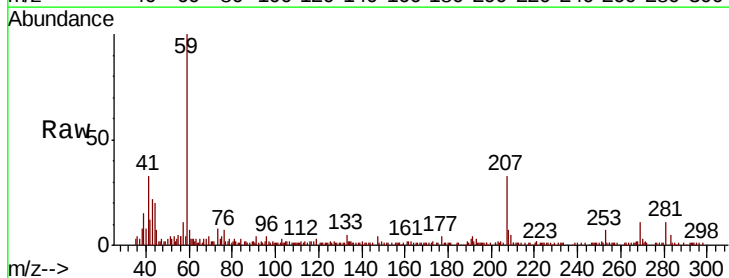
Acq: 23 Apr 2020 02:49

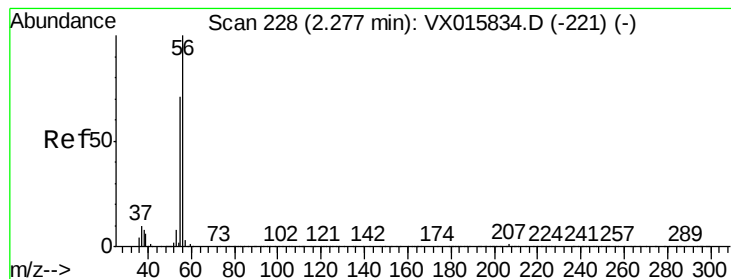
Tgt Ion: 59 Resp: 34210

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.717 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.02 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

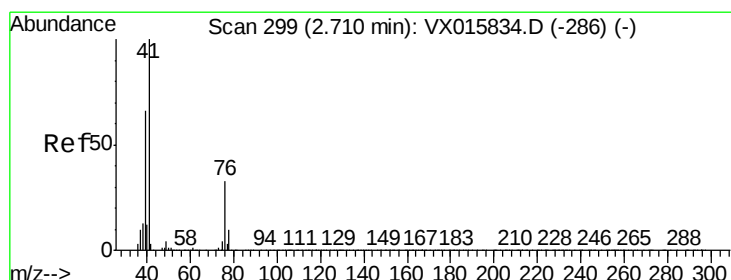
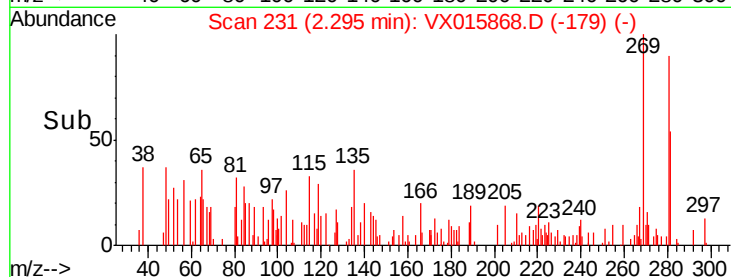
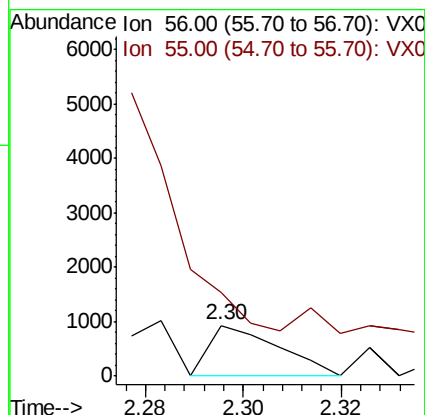
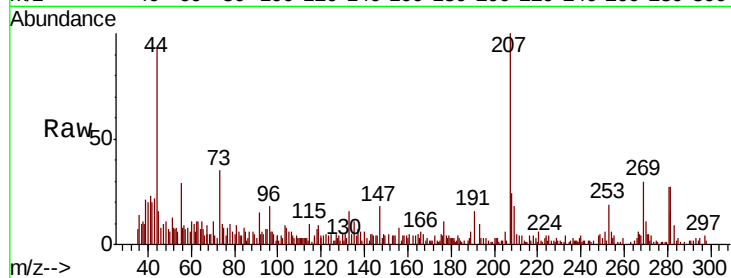
KY001MW022-200421

Tot Ion: 56 Resp: 921

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



#14

Allyl chloride

Concen: 8.583 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.12 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

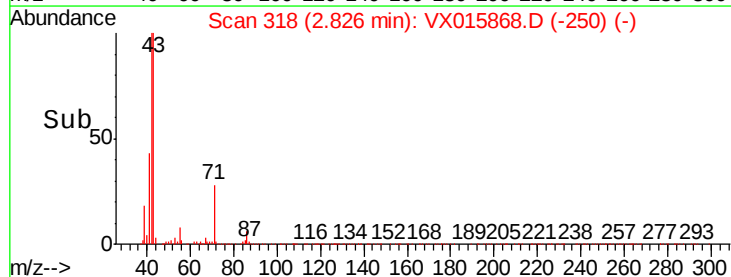
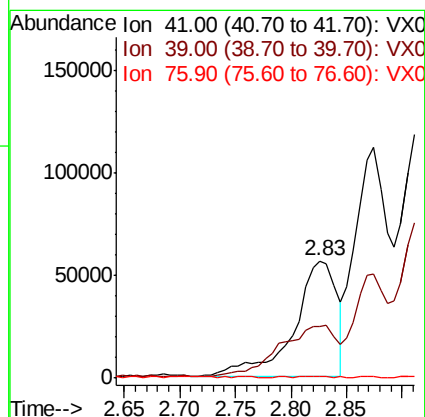
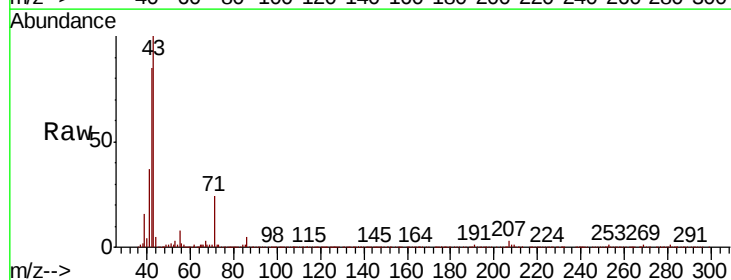
Tgt Ion: 41 Resp: 149235

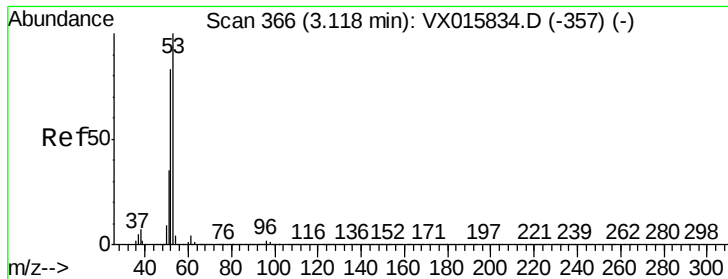
Ion Ratio Lower Upper

41 100

39 58.8 48.4 72.6

76 0.0 23.8 35.8#





#15

Acrylonitrile

Concen: 8.718 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.04 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

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ClientSampleId :

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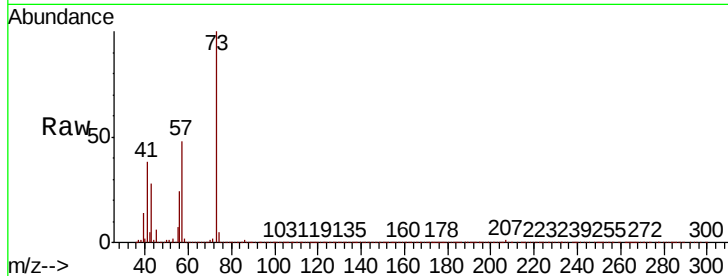
Tot Ion: 53 Resp: 43930

Ion Ratio Lower Upper

53 100

52 18.9 66.2 99.4#

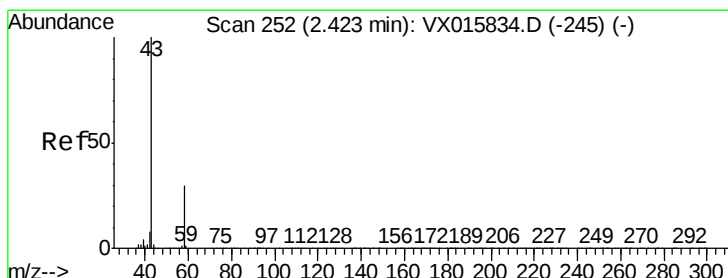
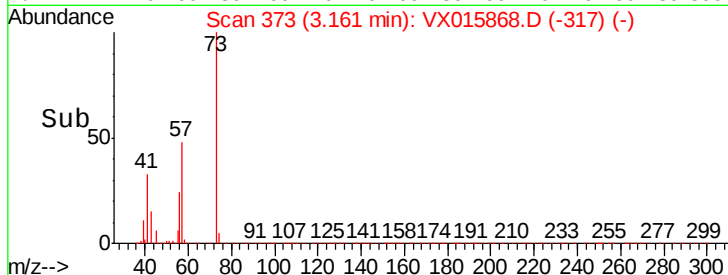
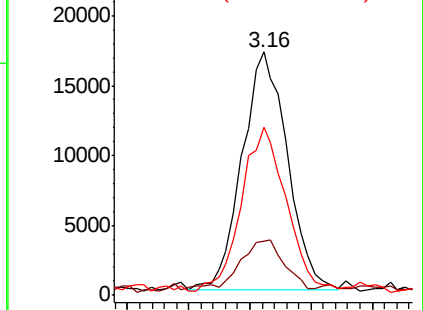
51 67.5 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 11.297 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015868.D

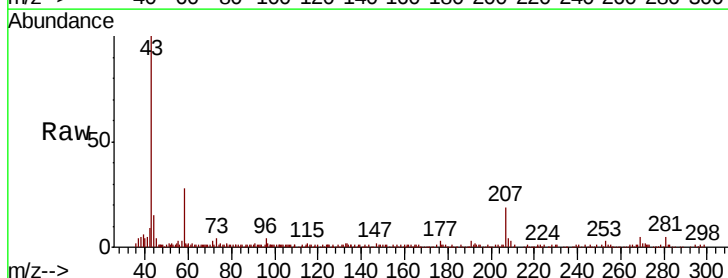
Acq: 23 Apr 2020 02:49

Tgt Ion: 43 Resp: 52262

Ion Ratio Lower Upper

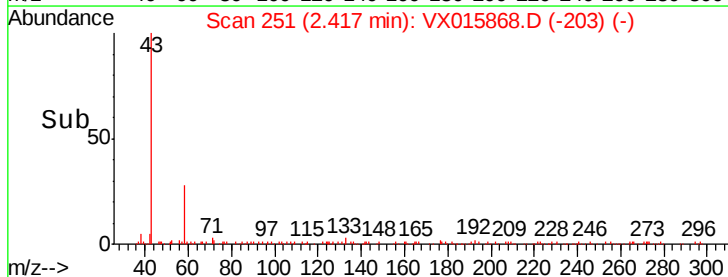
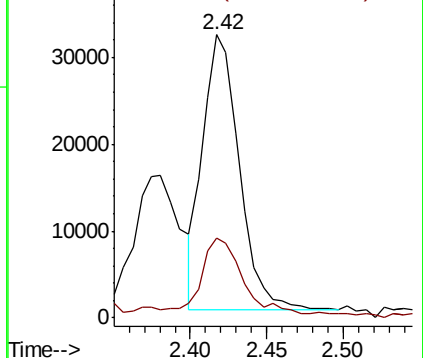
43 100

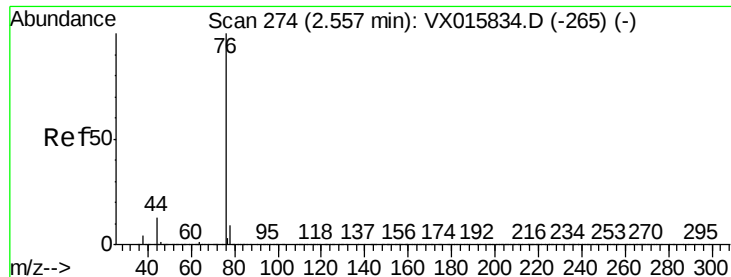
58 27.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.777 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX015868.D

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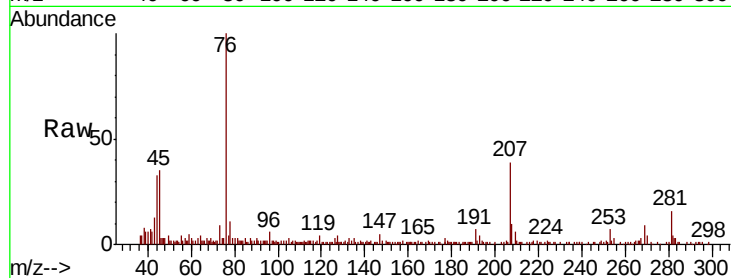
KY001MW022-200421

Tot Ion: 76 Resp: 23095

Ion Ratio Lower Upper

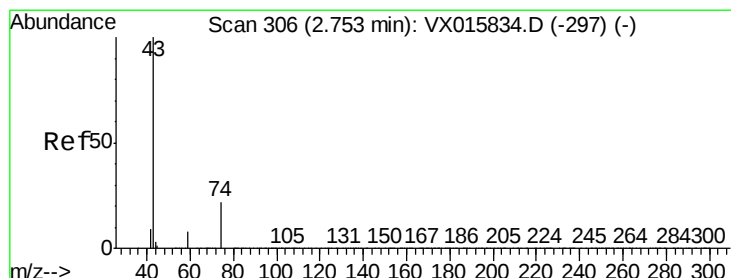
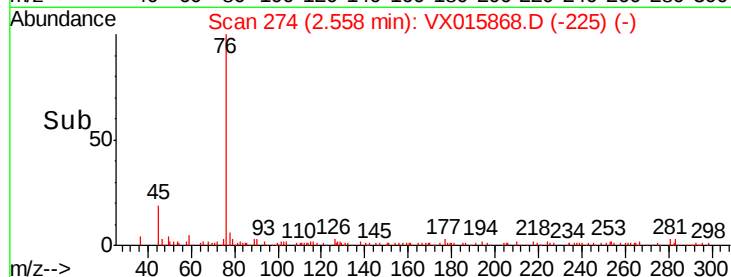
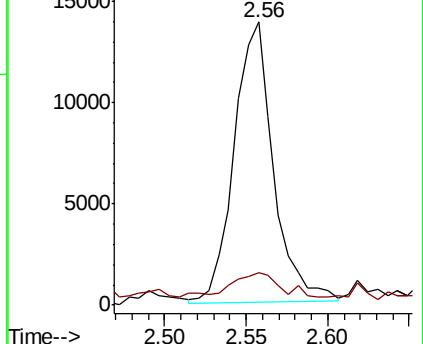
76 100

78 8.2 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: 20.435 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX015868.D

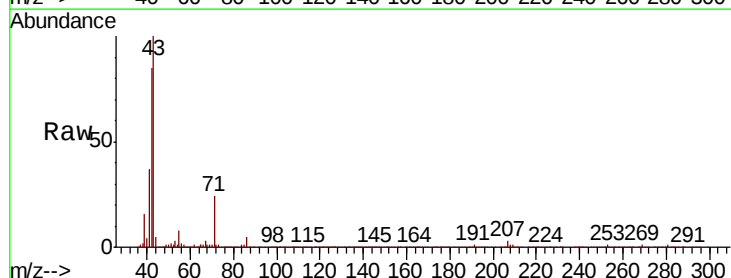
Acq: 23 Apr 2020 02:49

Tgt Ion: 43 Resp: 312097

Ion Ratio Lower Upper

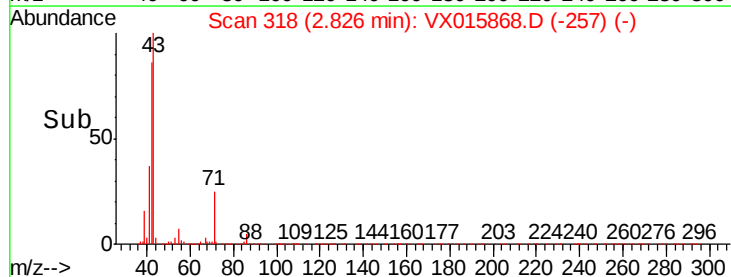
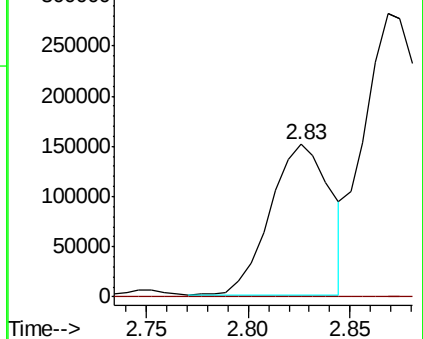
43 100

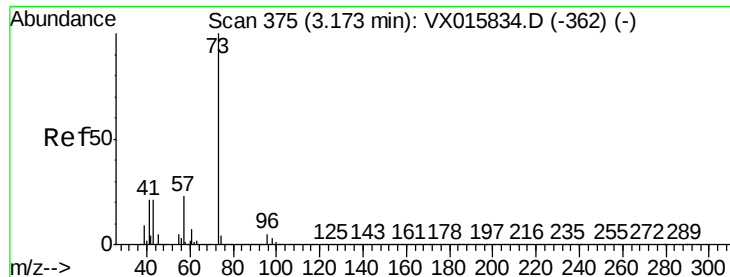
74 0.3 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



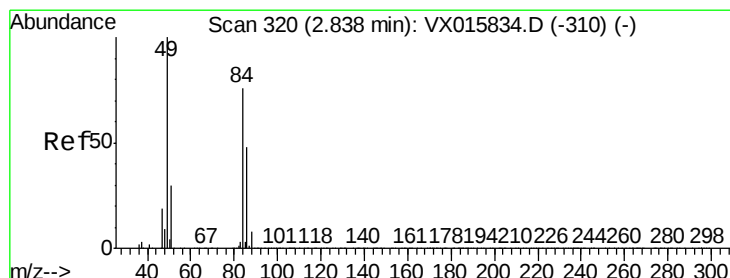
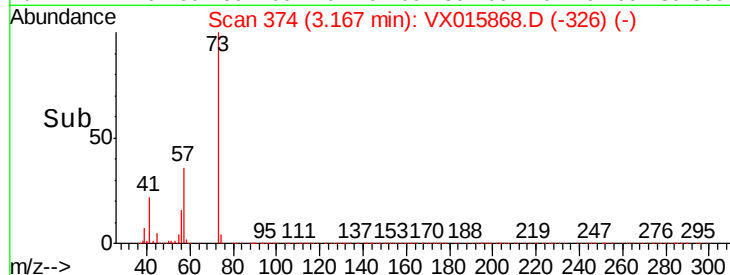
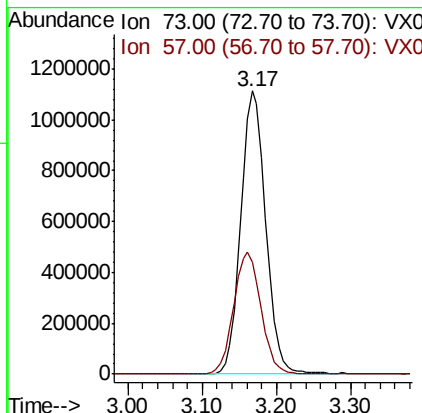
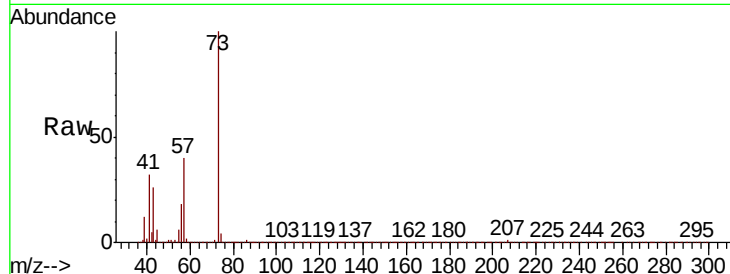


#19

Methyl tert-butyl Ether
 Concen: 90.607 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015868.D
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Instrument :
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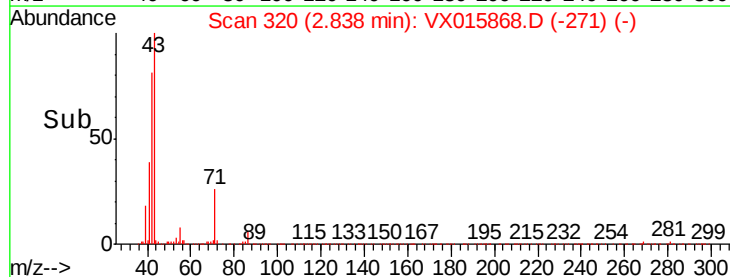
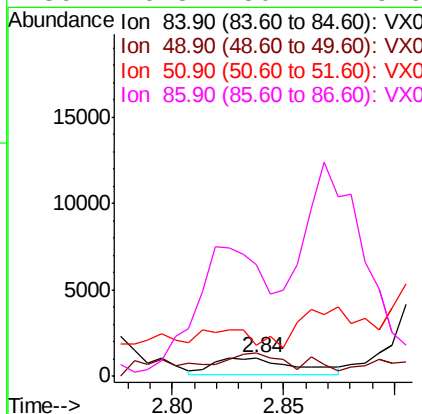
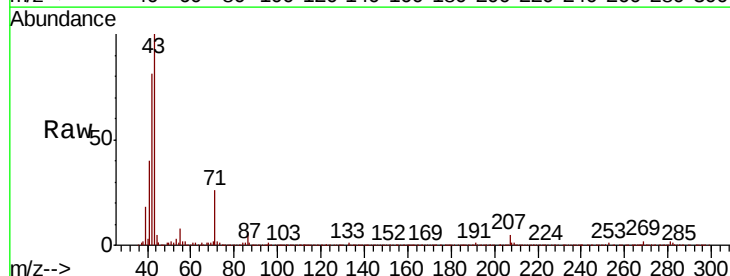
Tot Ion: 73 Resp: 2617169
 Ion Ratio Lower Upper
 73 100
 57 39.7 18.1 27.1#

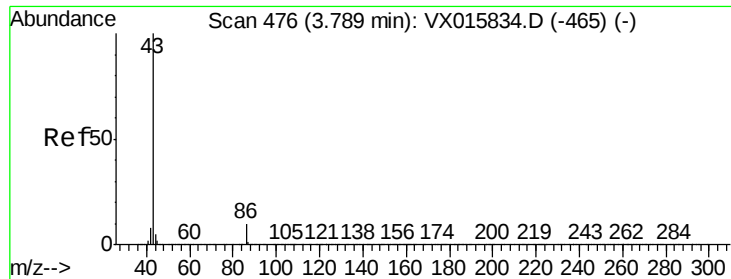


#20

Methylene Chloride
 Concen: 0.266 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion: 84 Resp: 2498
 Ion Ratio Lower Upper
 84 100
 49 128.8 104.9 157.3
 51 0.0 32.0 48.0#
 86 476.3 50.4 75.6#

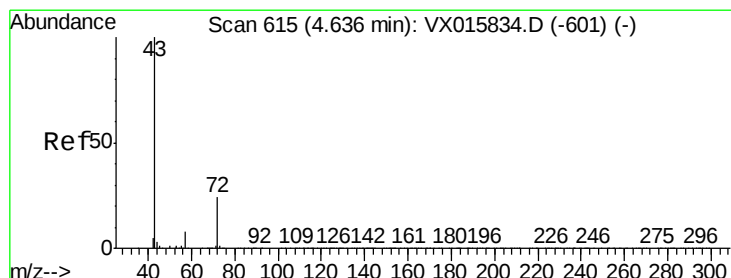
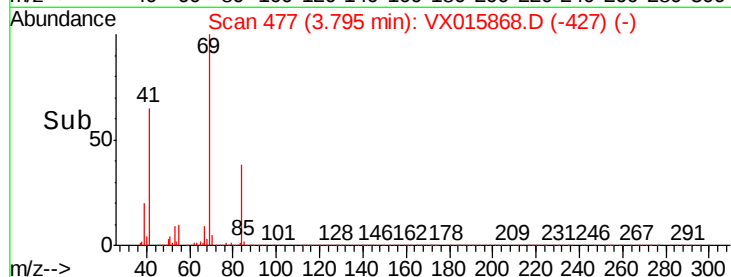
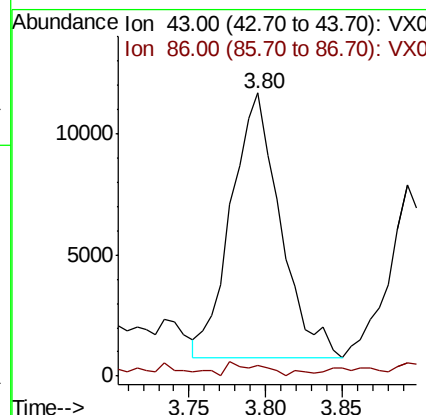
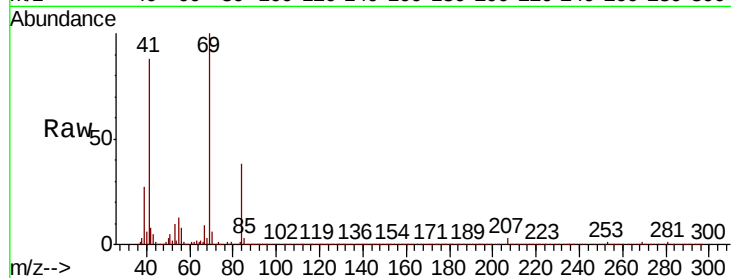




#23
 Vinyl Acetate
 Concen: 0.942 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. 0.01 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

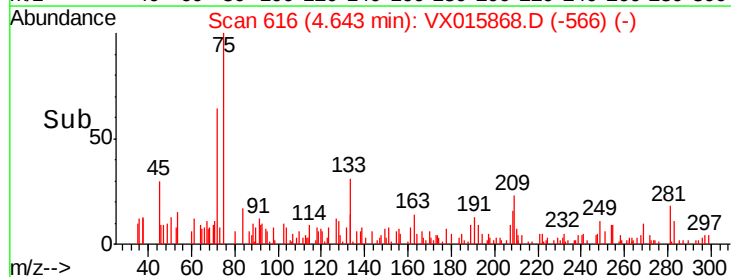
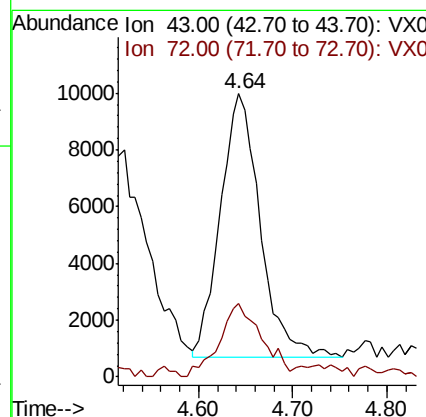
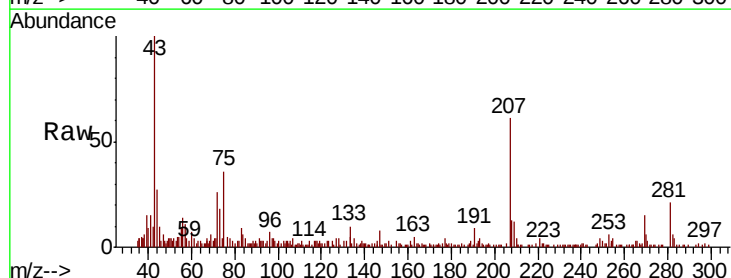
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

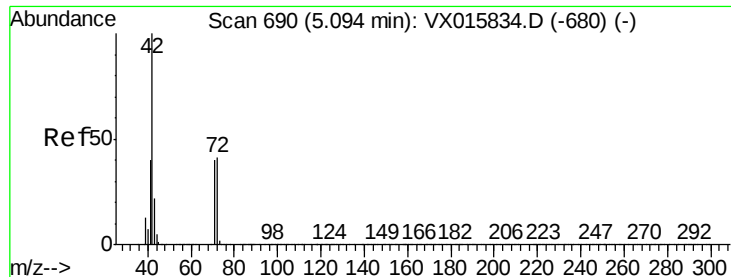
Tot Ion: 43 Resp: 24425
 Ion Ratio Lower Upper
 43 100
 86 2.3 8.0 12.0#



#25
 2-Butanone
 Concen: 3.729 ug/l
 RT: 4.64 min Scan# 616
 Delta R.T. 0.01 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion: 43 Resp: 27268
 Ion Ratio Lower Upper
 43 100
 72 25.5 19.4 29.2

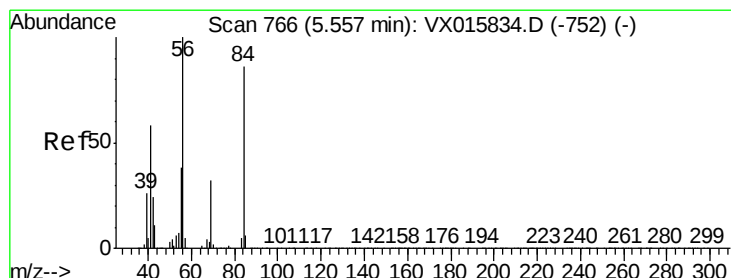
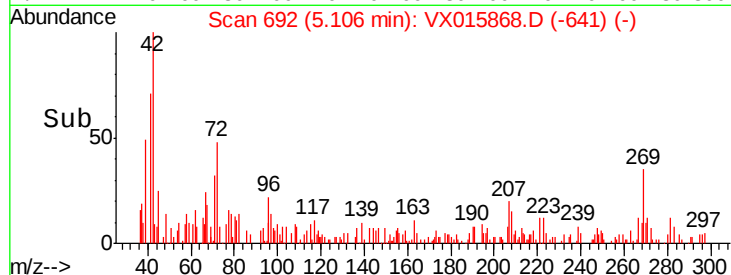
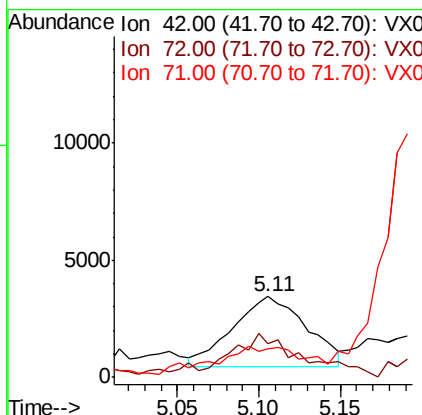
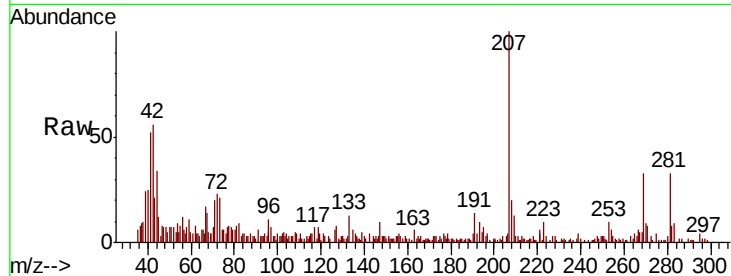




#29
Tetrahydrofuran
Concen: 1.924 ug/l
RT: 5.11 min Scan# 692
Delta R.T. 0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

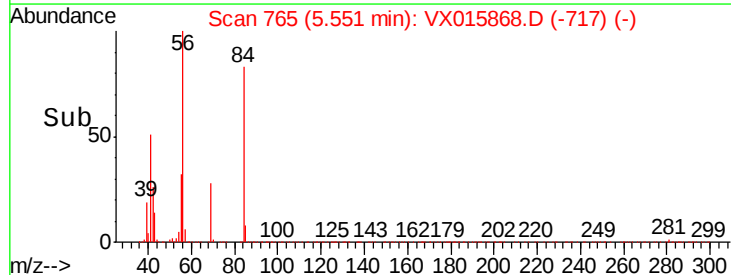
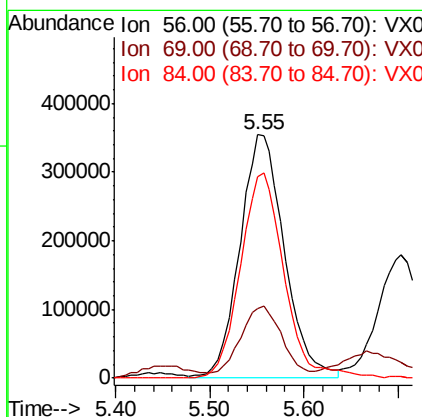
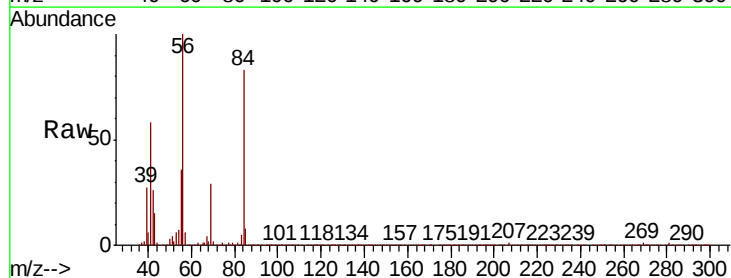
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

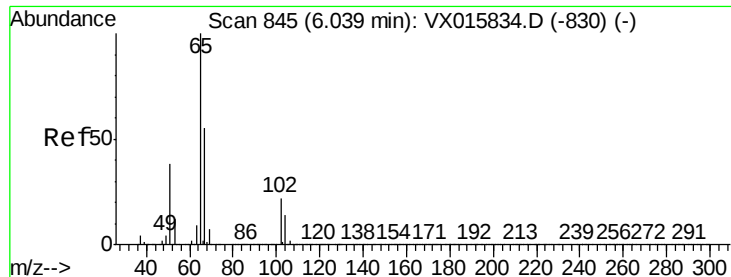
Tot Ion: 42 Resp: 9306
Ion Ratio Lower Upper
42 100
72 59.9 33.0 49.6#
71 24.0 30.6 45.8#



#31
Cyclohexane
Concen: 75.034 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion: 56 Resp: 1164730
Ion Ratio Lower Upper
56 100
69 25.5 25.3 37.9
84 83.2 69.1 103.7





#33

1,2-Dichloroethane-d4

Concen: 49.844 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

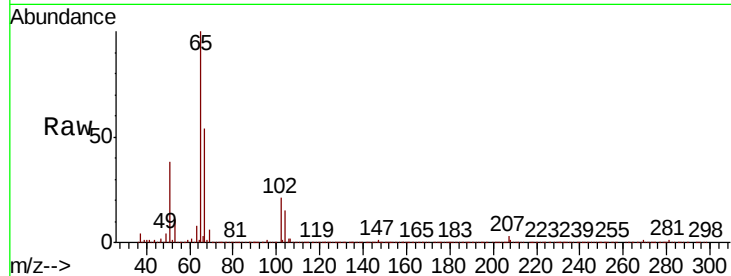
KY001MW022-200421

Tot Ion: 65 Resp: 529570

Ion Ratio Lower Upper

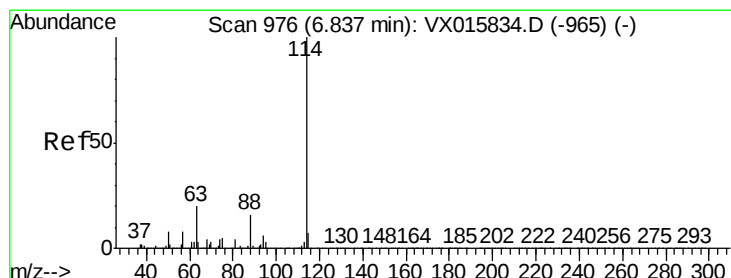
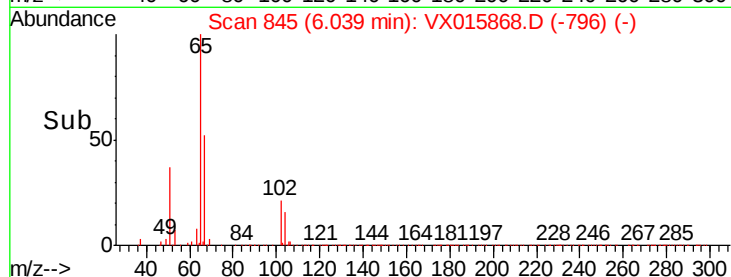
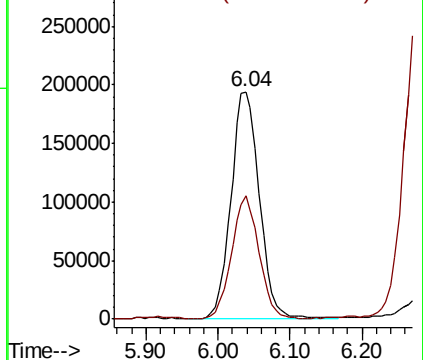
65 100

67 52.1 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

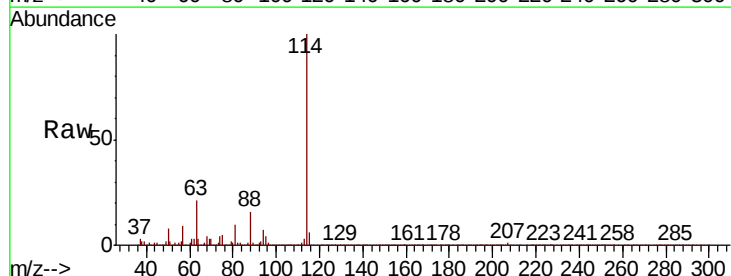
Tgt Ion: 114 Resp: 1410084

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.6

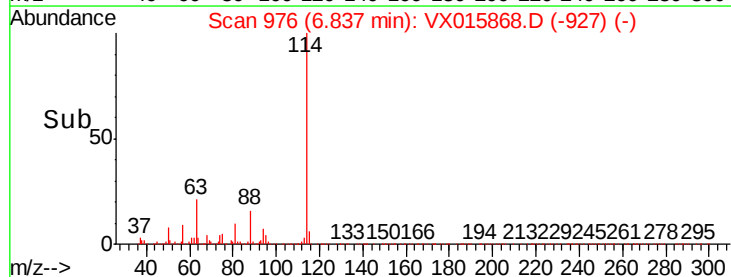
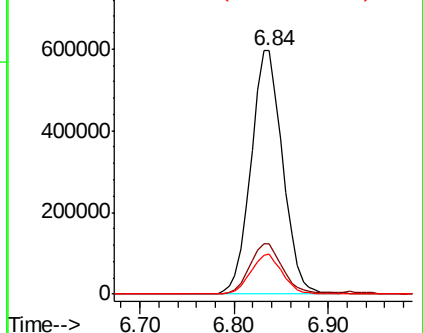
88 16.4 0.0 32.8

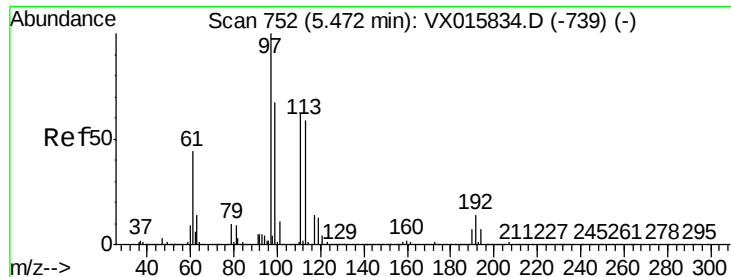


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

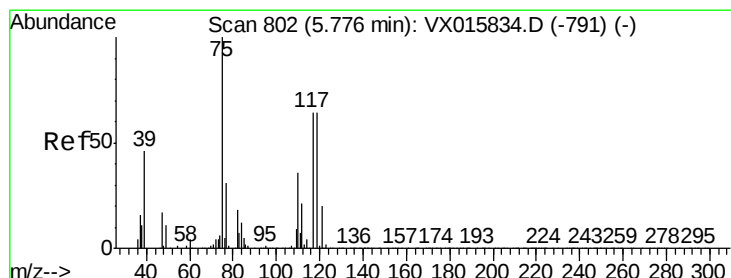
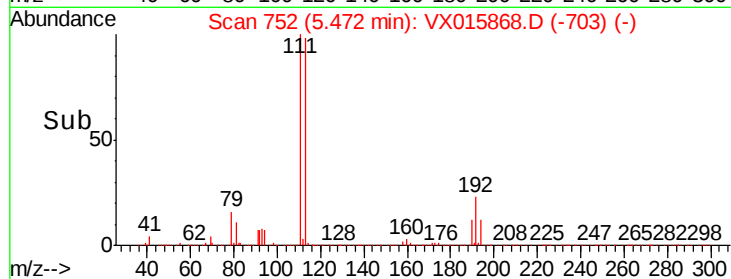
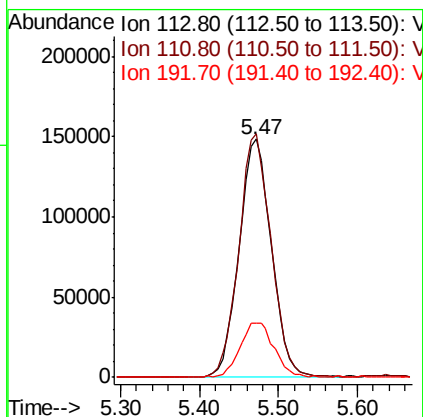
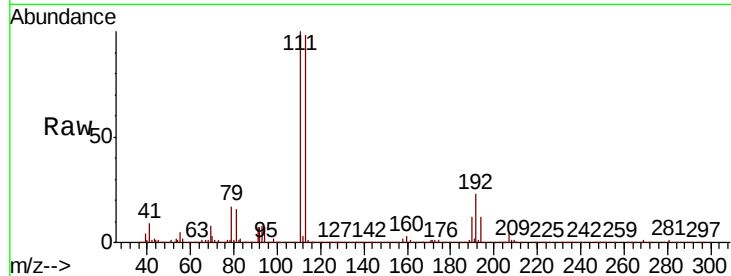




#35
 Dibromofluoromethane
 Concen: 52.064 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

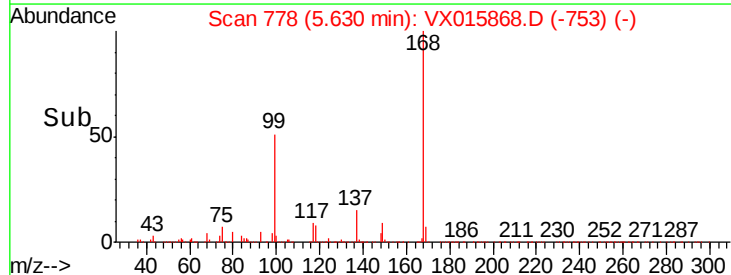
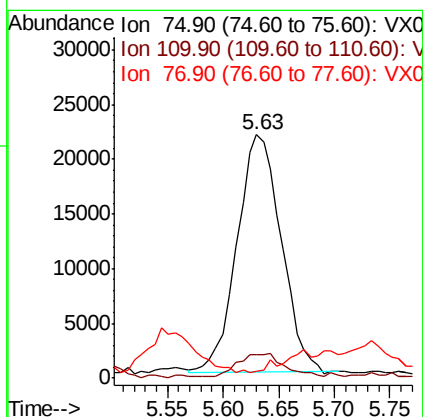
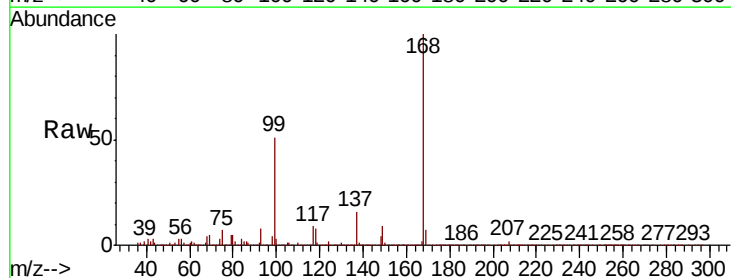
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

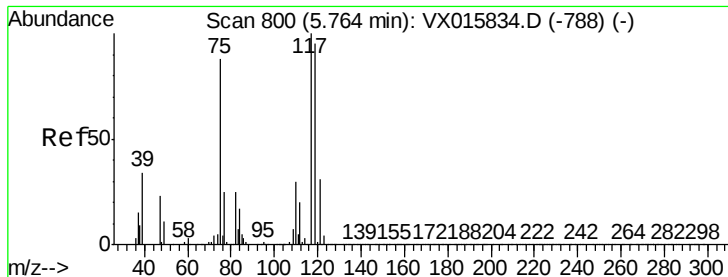
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.7	124.1
192	24.1	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.771 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.15 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	17.9	53.8#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.709 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421

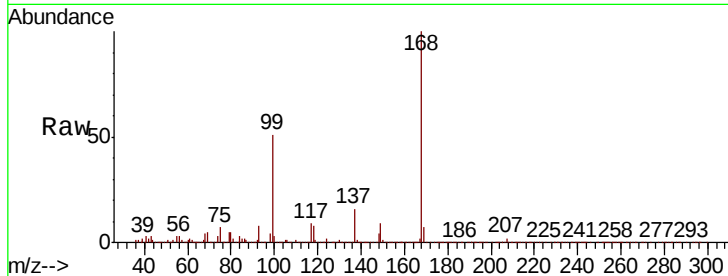
Tot Ion:117 Resp: 82605

Ion Ratio Lower Upper

117 100

119 4.1 75.7 113.5#

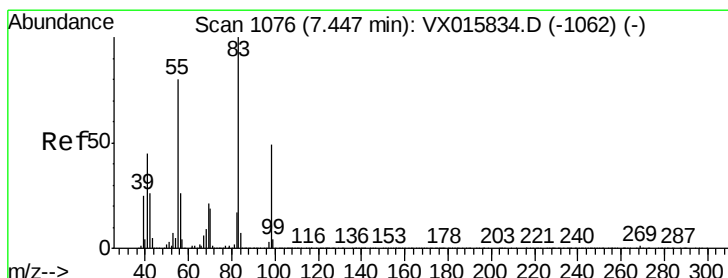
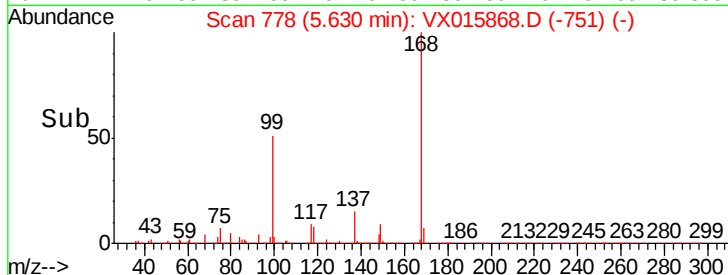
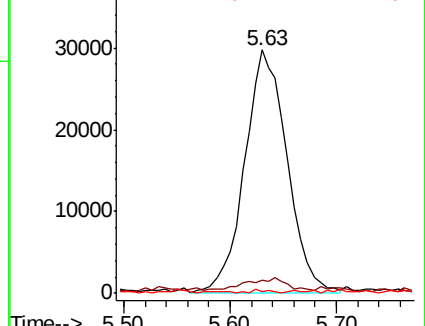
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 59.962 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

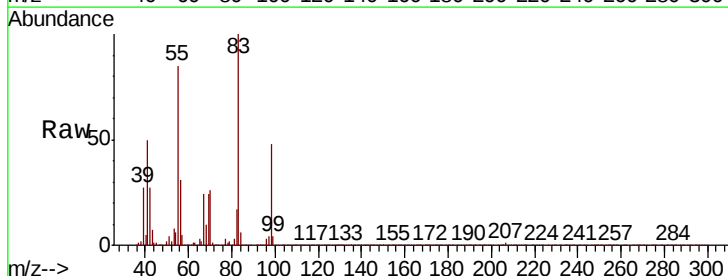
Tgt Ion: 83 Resp: 949215

Ion Ratio Lower Upper

83 100

55 84.6 64.2 96.4

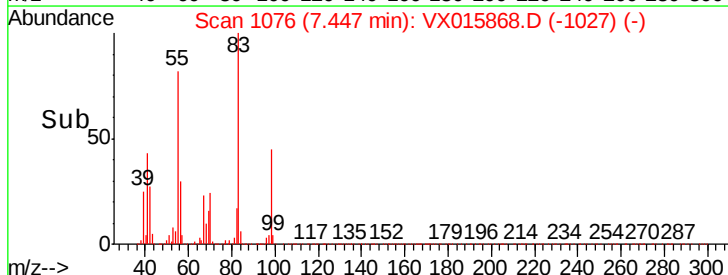
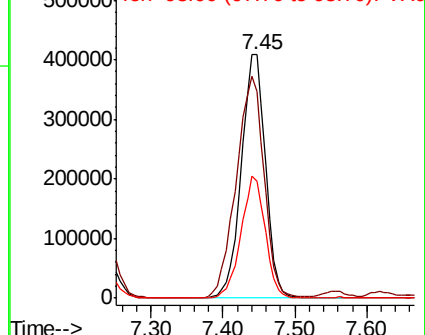
98 47.9 39.3 58.9

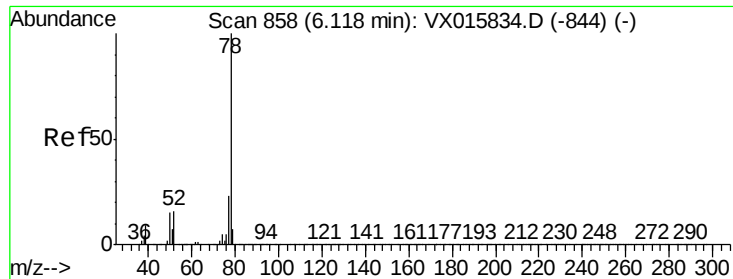


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 606.458 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

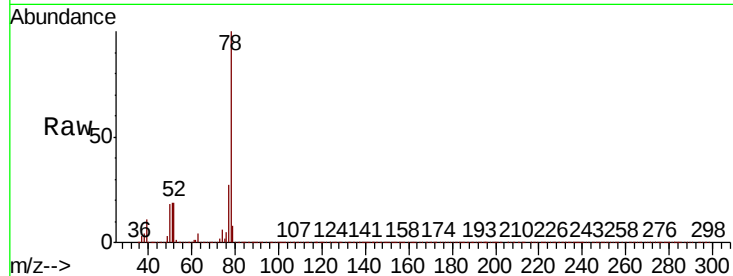
KY001MW022-200421

Tot Ion: 78 Resp: 22833214

Ion Ratio Lower Upper

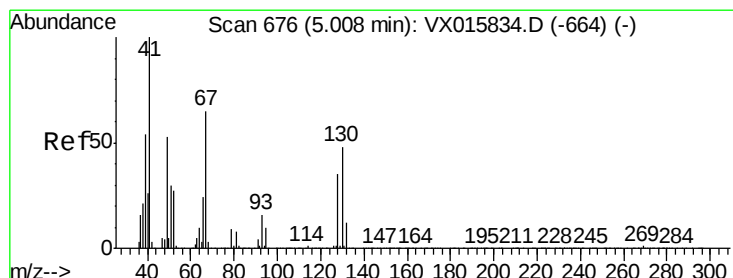
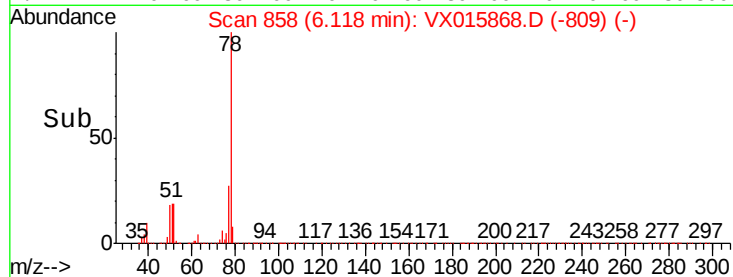
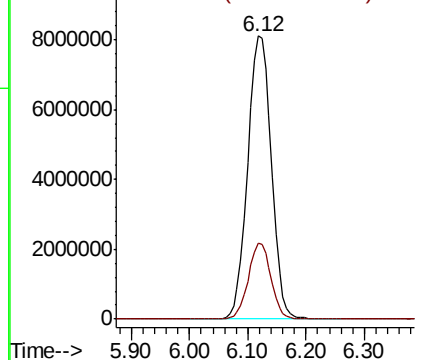
78 100

77 27.0 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.601 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.02 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Tgt Ion: 41 Resp: 4968

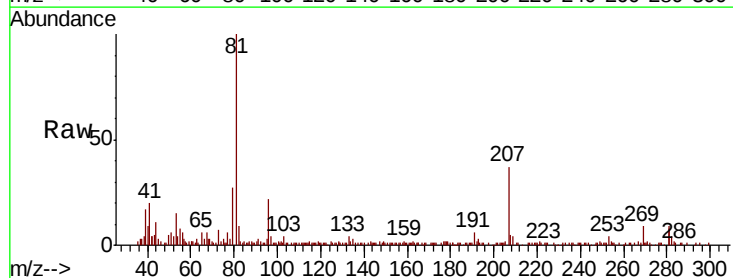
Ion Ratio Lower Upper

41 100

39 101.7 42.4 63.6#

67 0.0 51.9 77.9#

52 44.5 21.0 31.4#

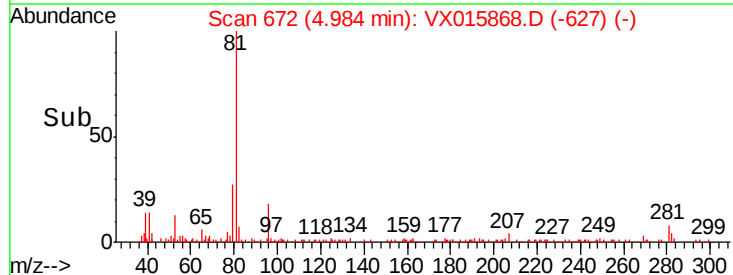
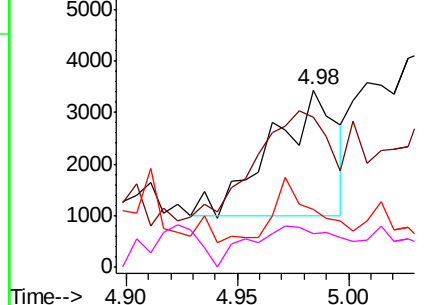


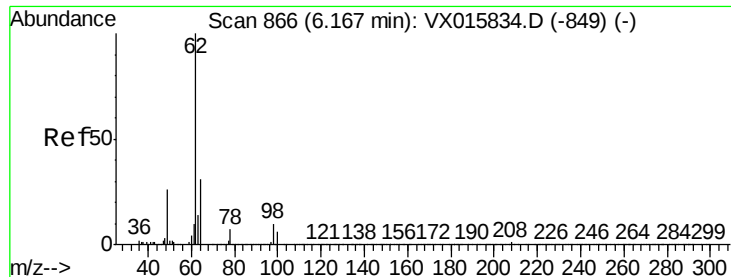
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 15.563 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.05 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

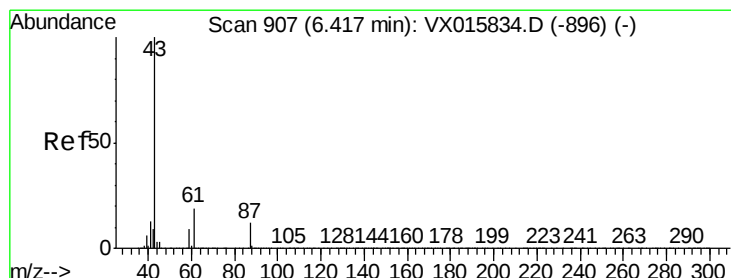
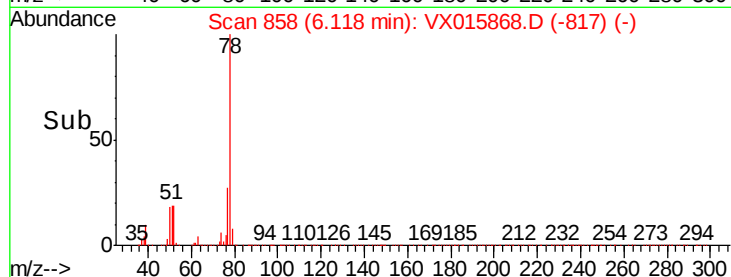
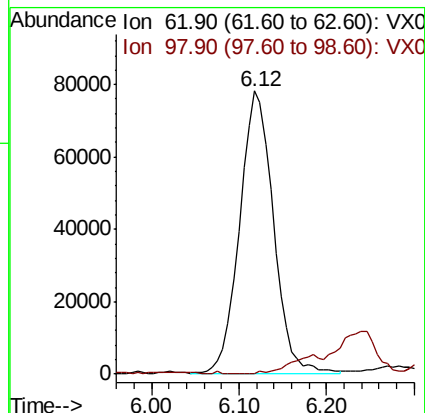
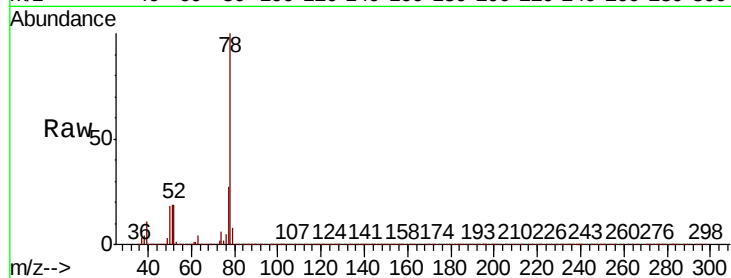
KY001MW022-200421

Tot Ion: 62 Resp: 210997

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.0



#43

Isopropyl Acetate

Concen: 3.691 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

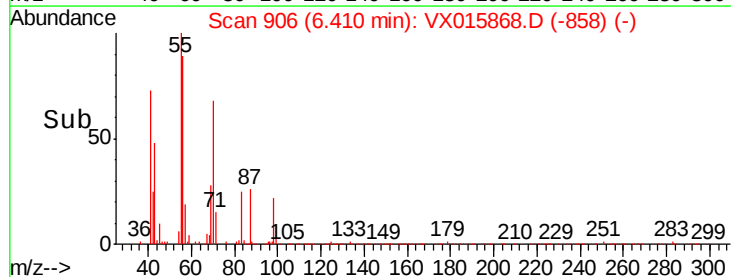
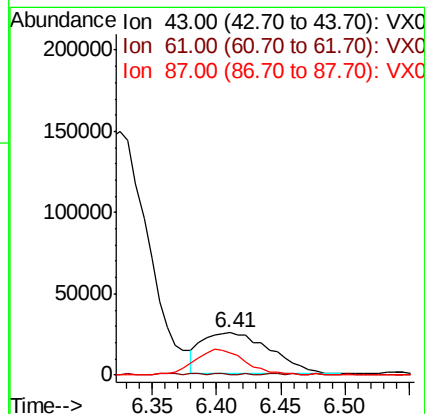
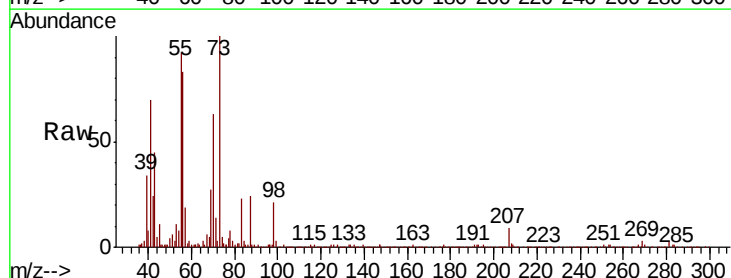
Tgt Ion: 43 Resp: 92621

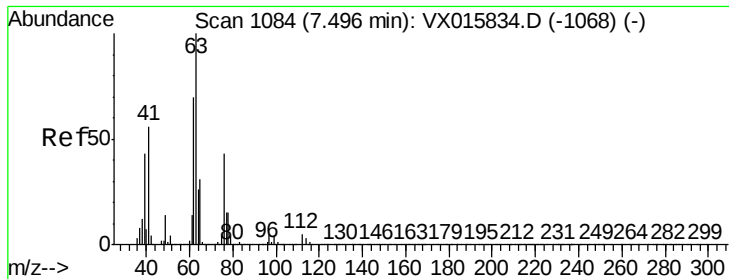
Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

87 47.2 9.8 14.6#





#45

1,2-Dichloropropane

Concen: 1.458 ug/l

RT: 7.43 min Scan# 1073

Delta R.T. -0.07 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

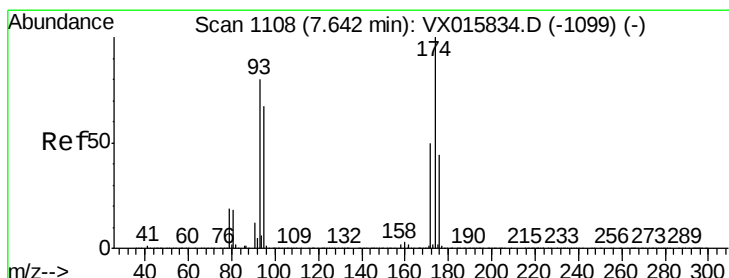
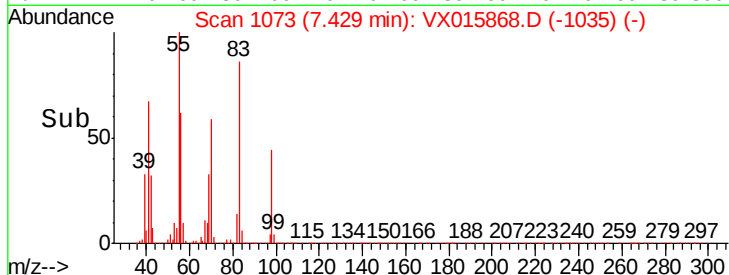
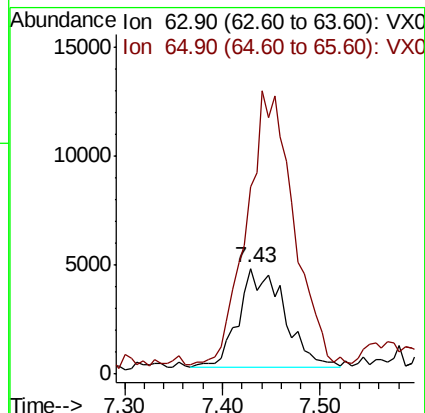
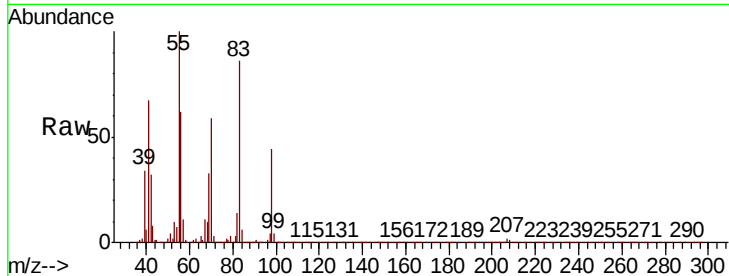
KY001MW022-200421

Tot Ion: 63 Resp: 14389

Ion Ratio Lower Upper

63 100

65 180.9 24.5 36.7#



#46

Dibromomethane

Concen: 0.279 ug/l

RT: 7.63 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

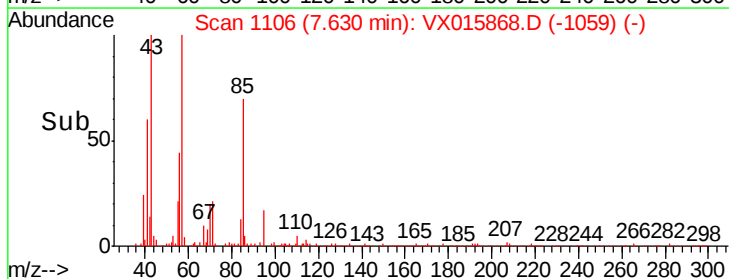
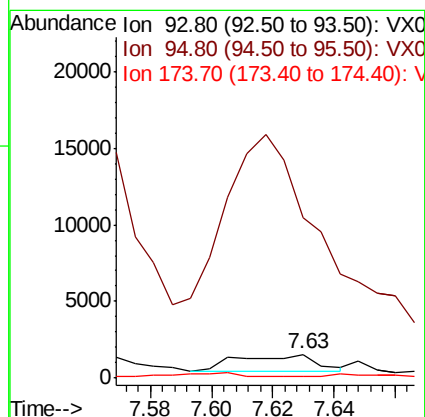
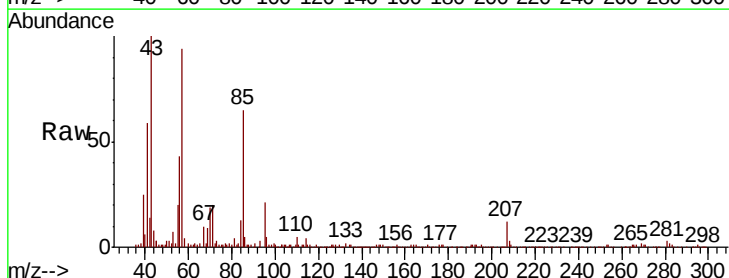
Tgt Ion: 93 Resp: 2010

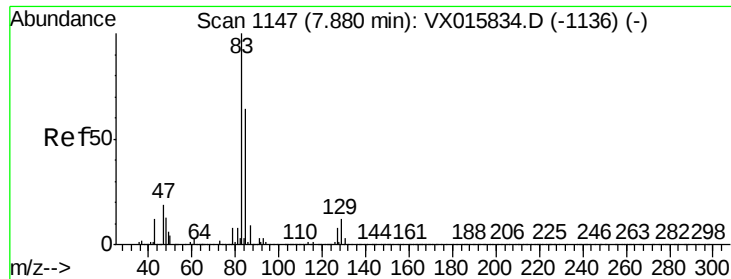
Ion Ratio Lower Upper

93 100

95 0.0 65.8 98.8#

174 22.3 95.6 143.4#





#47

Bromodichloromethane

Concen: 0.703 ug/l

RT: 7.83 min Scan# 1139

Delta R.T. -0.05 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421

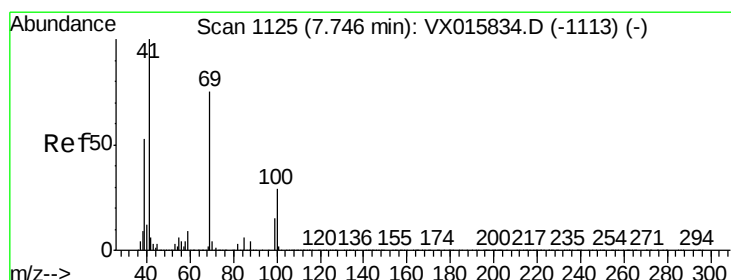
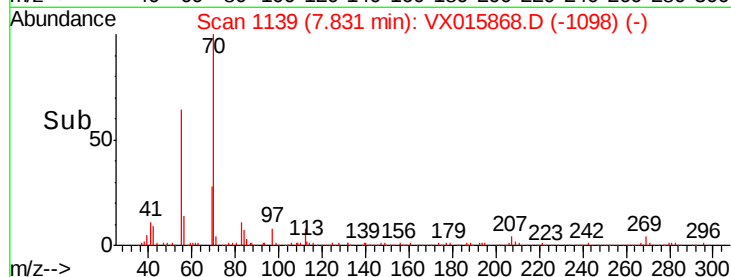
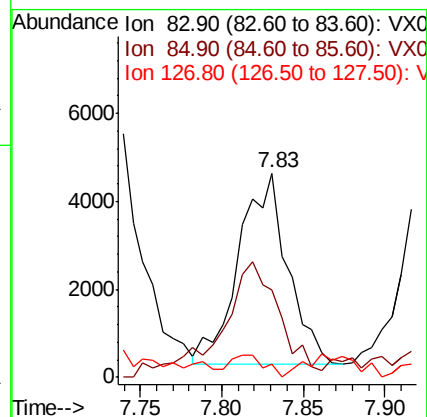
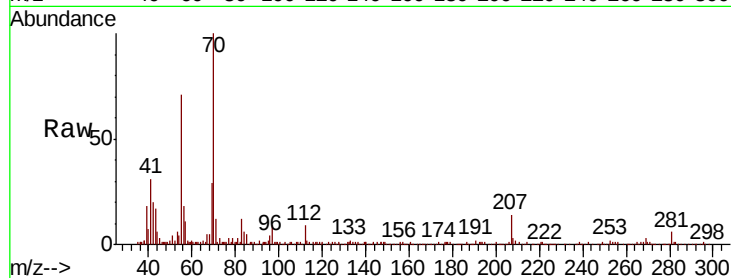
Tot Ion: 83 Resp: 9011

Ion Ratio Lower Upper

83 100

85 37.8 50.8 76.2#

127 0.3 6.6 10.0#



#48

Methyl methacrylate

Concen: 13.330 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

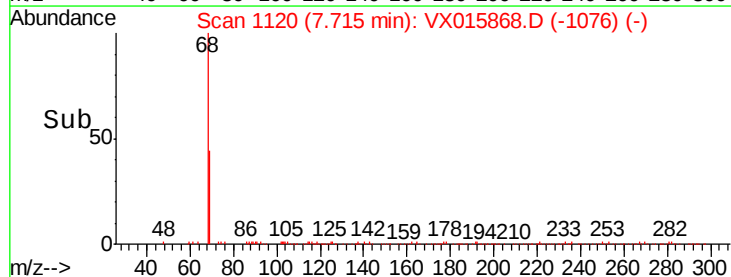
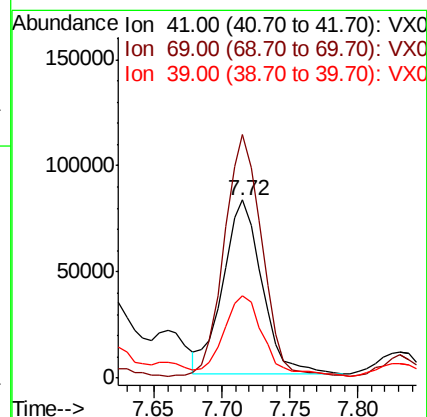
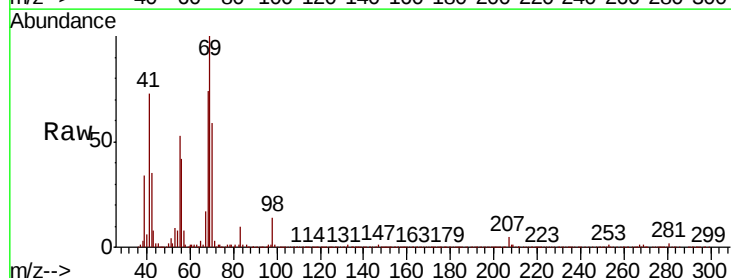
Tgt Ion: 41 Resp: 164550

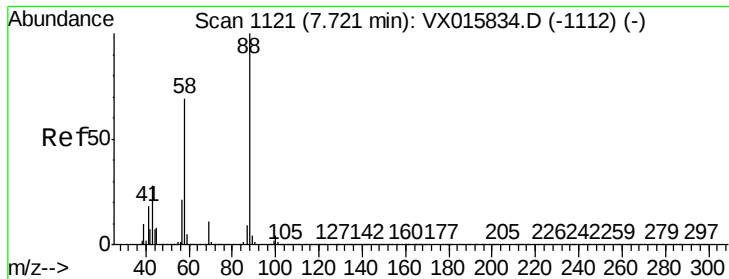
Ion Ratio Lower Upper

41 100

69 133.1 60.5 90.7#

39 46.8 42.1 63.1





#49

1,4-Dioxane

Concen: 3.236 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421

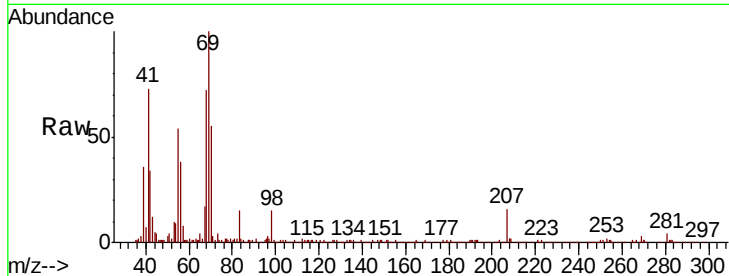
Tot Ion: 88 Resp: 755

Ion Ratio Lower Upper

88 100

43 1980.9 28.2 42.4#

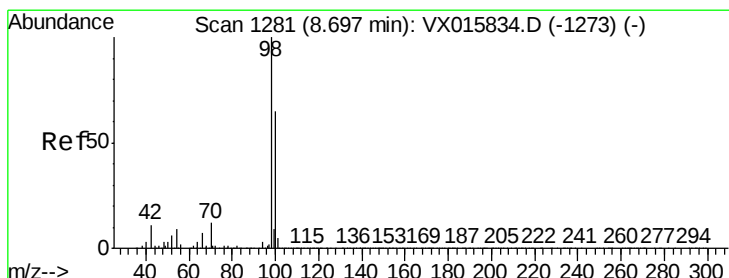
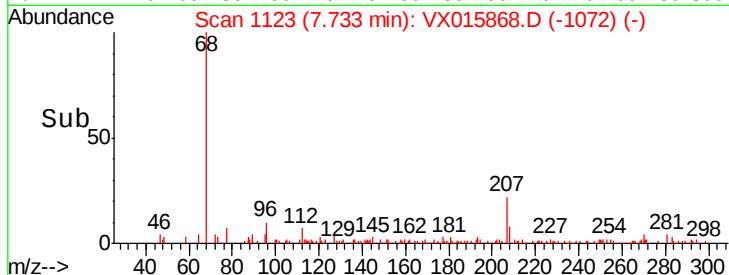
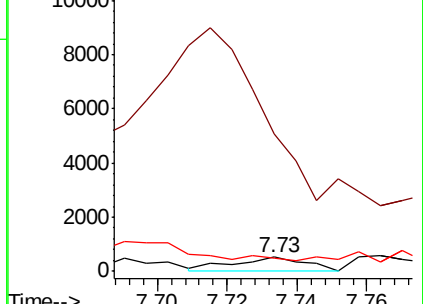
58 0.0 58.9 88.3#



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: 52.298 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015868.D

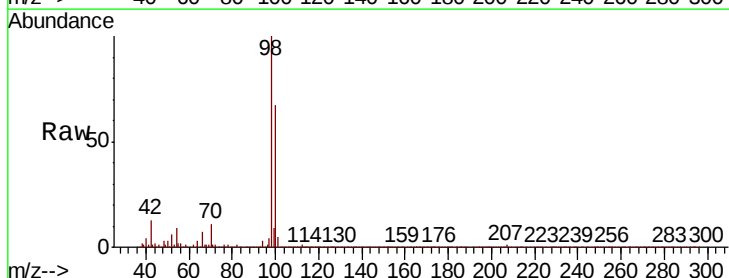
Acq: 23 Apr 2020 02:49

Tgt Ion: 98 Resp: 1713586

Ion Ratio Lower Upper

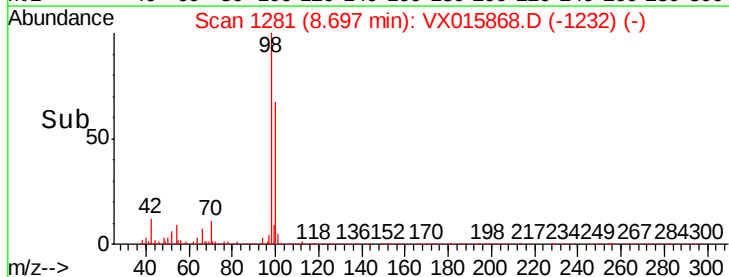
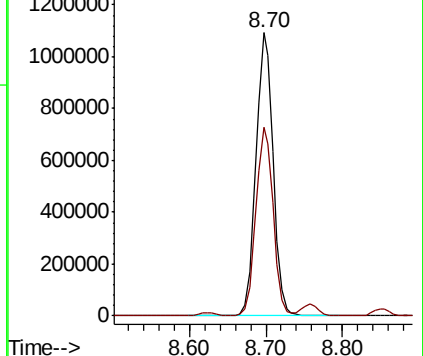
98 100

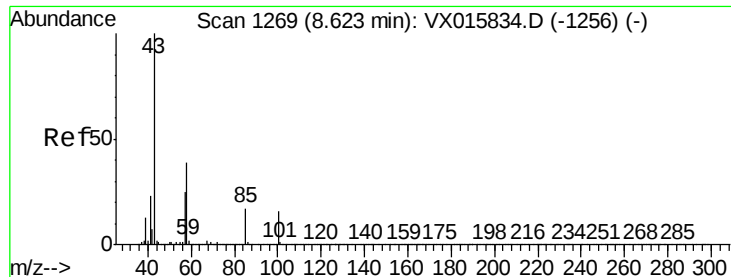
100 66.7 53.8 80.6



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: 12.827 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

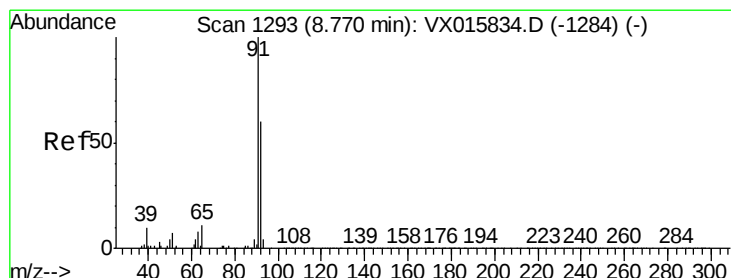
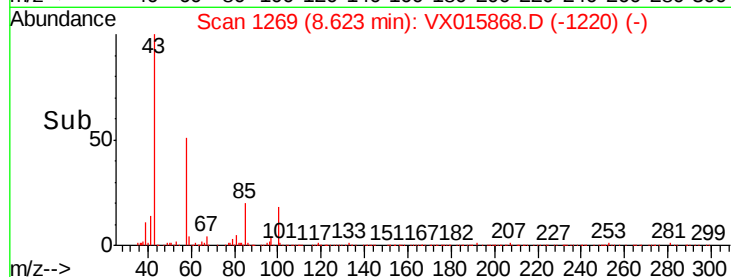
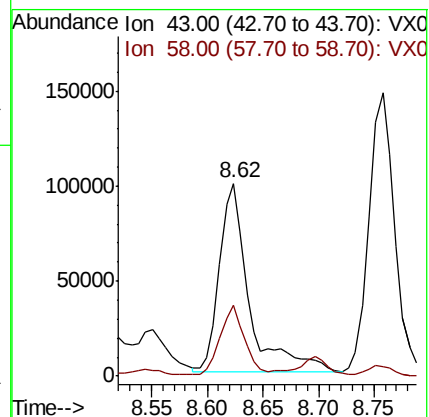
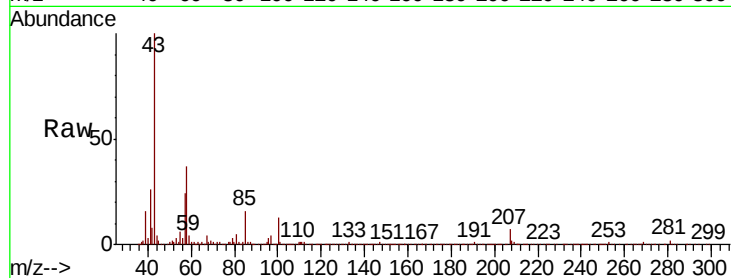
KY001MW022-200421

Tot Ion: 43 Resp: 185810

Ion Ratio Lower Upper

43 100

58 30.7 30.6 45.8



#52

Toluene

Concen: 84.060 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015868.D

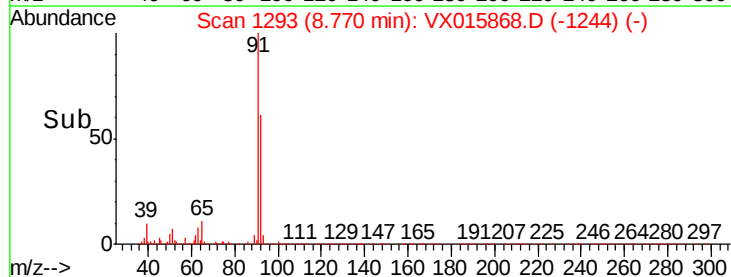
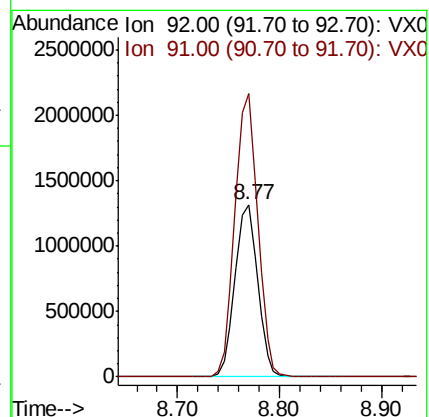
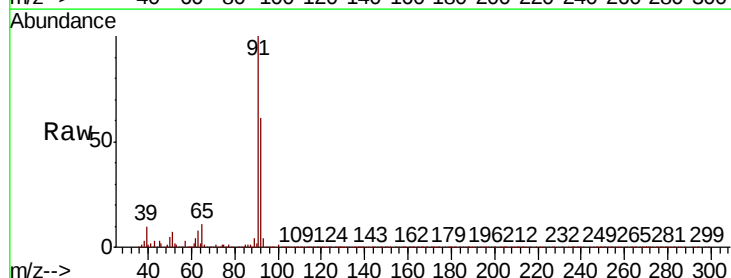
Acq: 23 Apr 2020 02:49

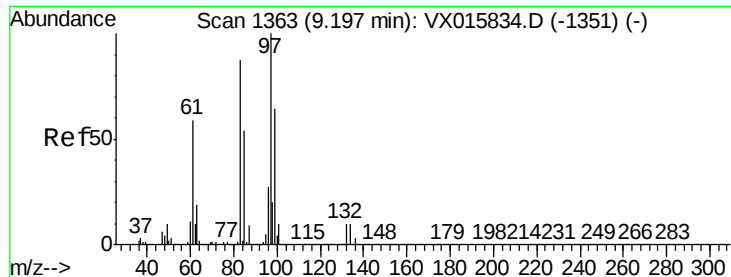
Tgt Ion: 92 Resp: 2028606

Ion Ratio Lower Upper

92 100

91 165.4 133.4 200.0





#55

1,1,2-Trichloroethane

Concen: 11.693 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421

Tot Ion: 97 Resp: 110191

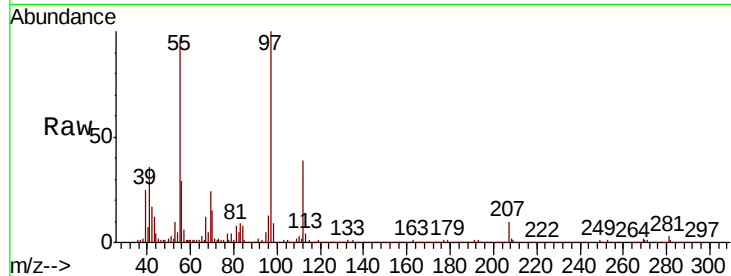
Ion Ratio Lower Upper

97 100

83 7.1 69.8 104.8#

85 0.6 43.4 65.2#

99 0.0 51.2 76.8#

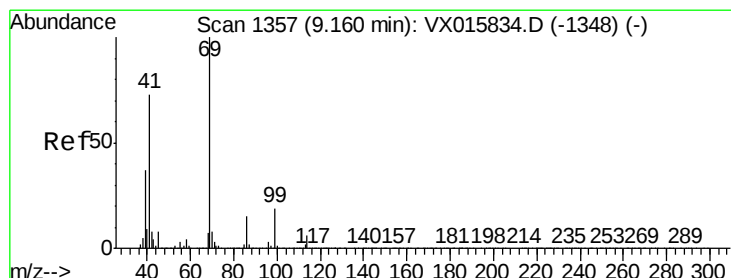
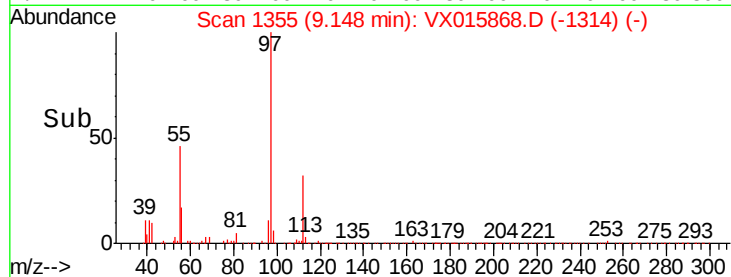
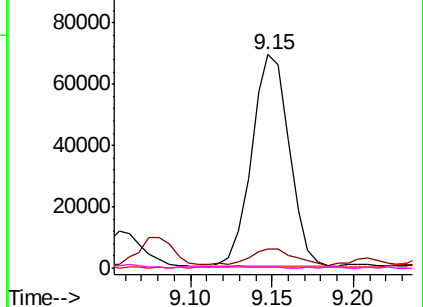


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.072 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

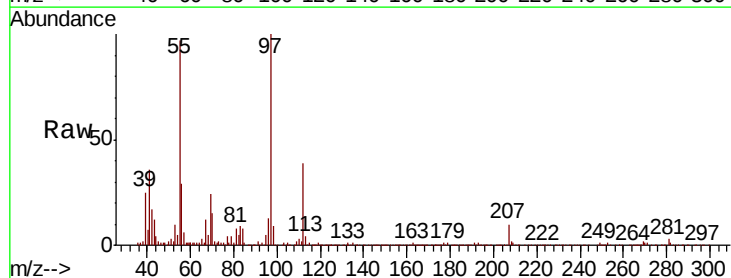
Tgt Ion: 69 Resp: 33075

Ion Ratio Lower Upper

69 100

41 174.0 57.4 86.2#

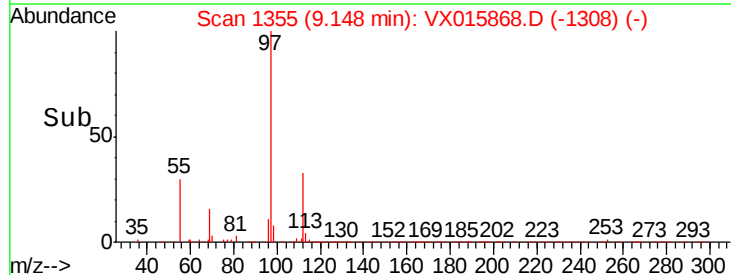
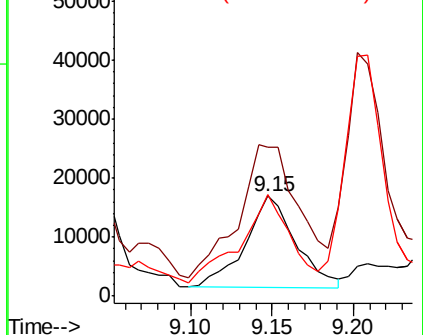
39 94.7 29.7 44.5#

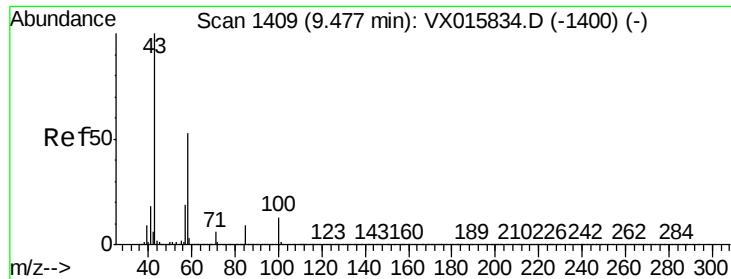


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

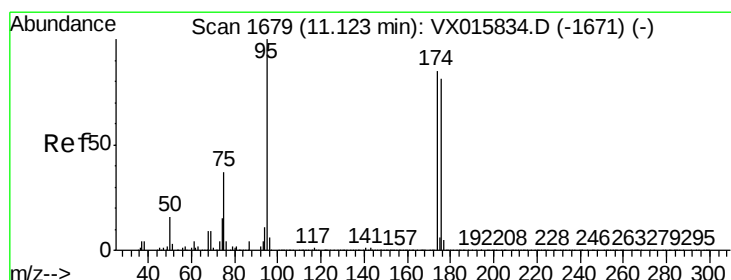
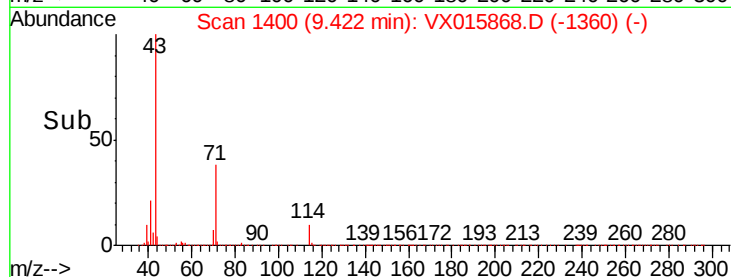
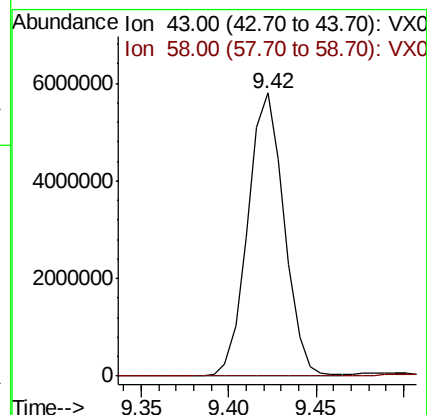
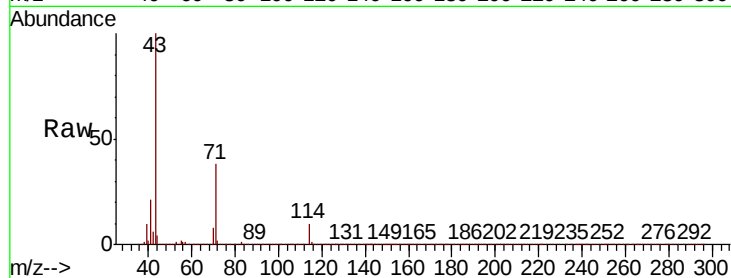




#59
2-Hexanone
Concen: 758.039 ug/l
RT: 9.42 min Scan# 1400
Delta R.T. -0.05 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

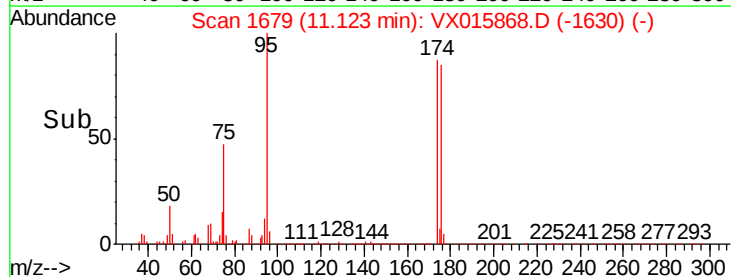
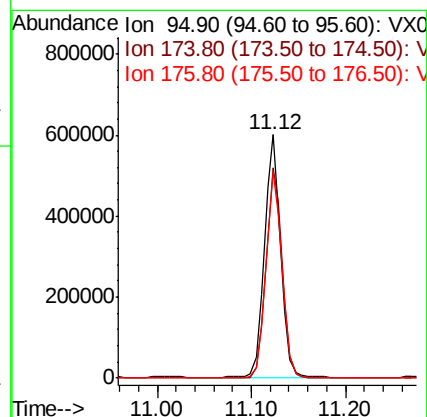
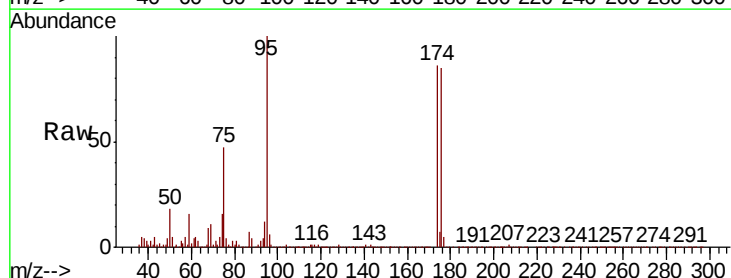
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

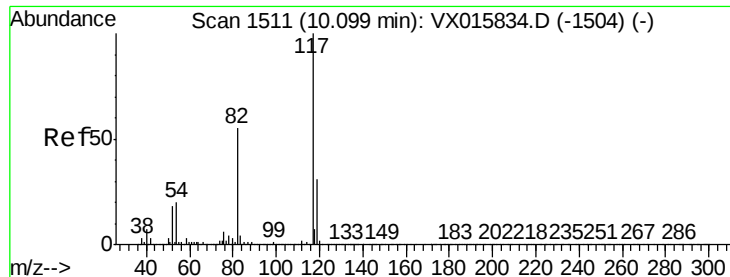
Tot Ion: 43 Resp: 8365094
Ion Ratio Lower Upper
43 100
58 0.1 26.5 79.4#



#62
4-Bromofluorobenzene
Concen: 54.487 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion: 95 Resp: 732396
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.4
176 84.2 0.0 167.0

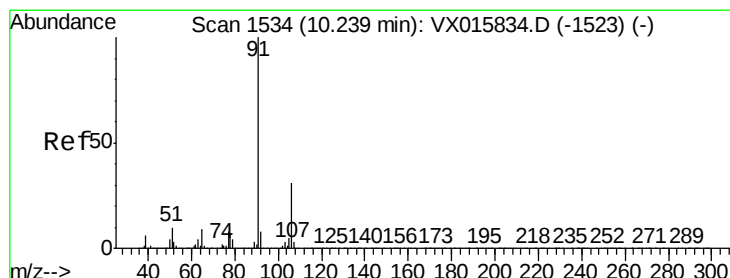
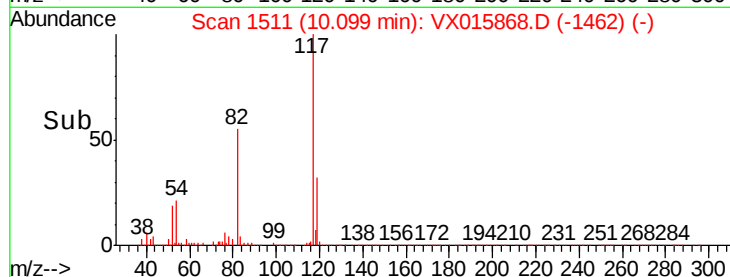
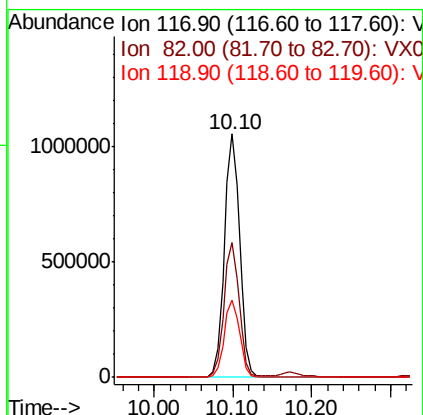
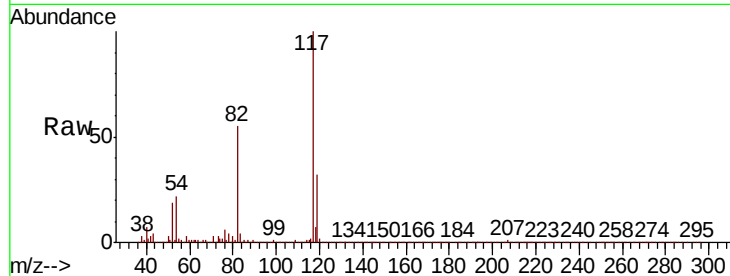




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

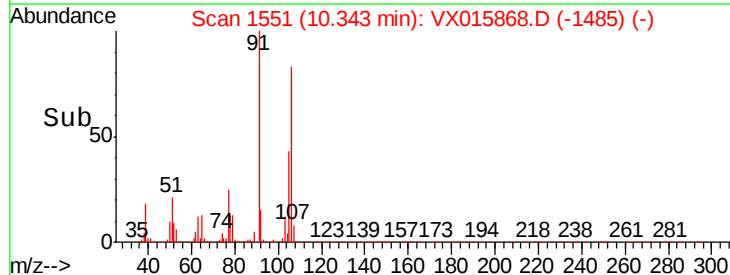
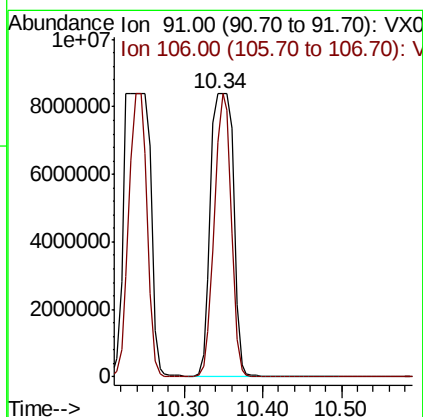
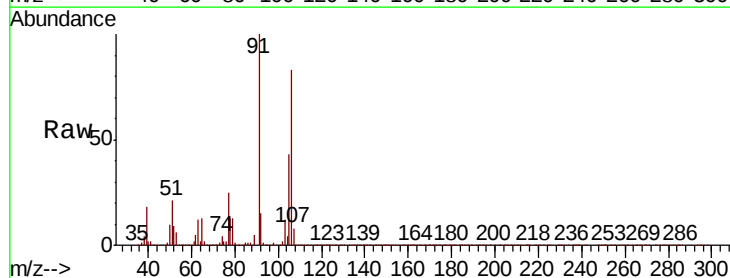
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

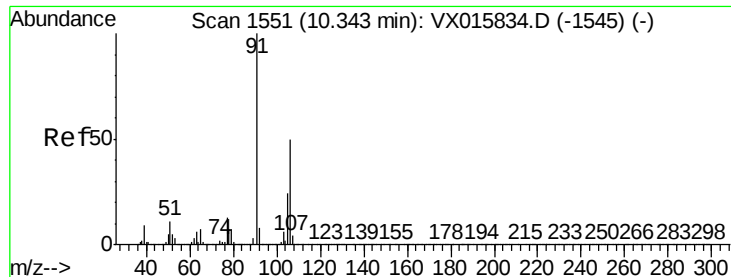
Tot Ion:117 Resp: 1412317
Ion Ratio Lower Upper
117 100
82 55.2 43.9 65.9
119 31.8 25.1 37.7



#67
Ethyl Benzene
Concen: 342.366 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.10 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion: 91 Resp:16979612
Ion Ratio Lower Upper
91 100
106 82.9 25.0 37.4#

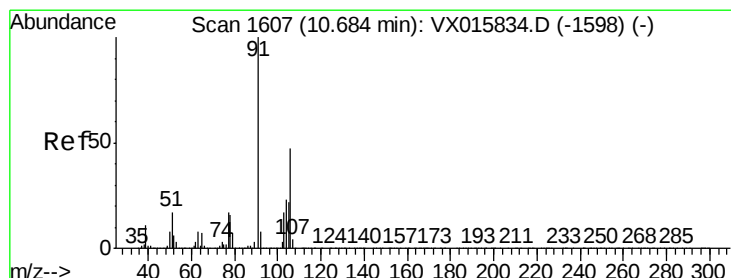
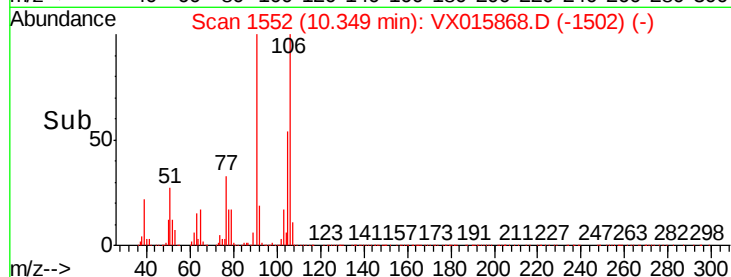
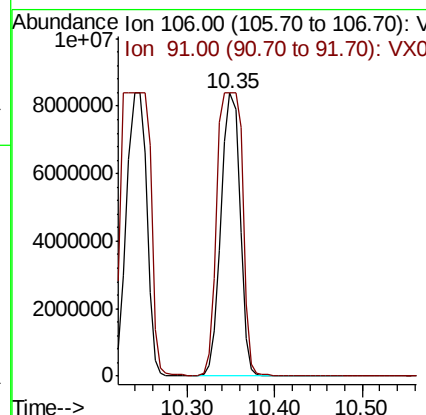
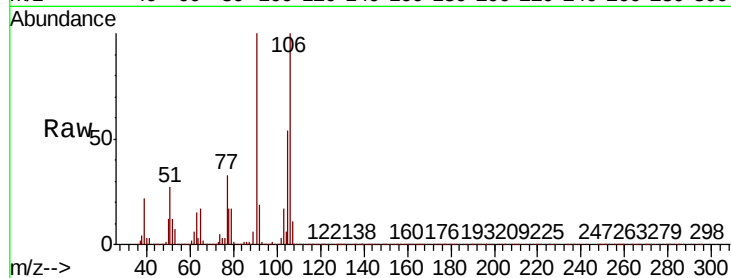




#68
m/p-Xylenes
Concen: 675.851 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

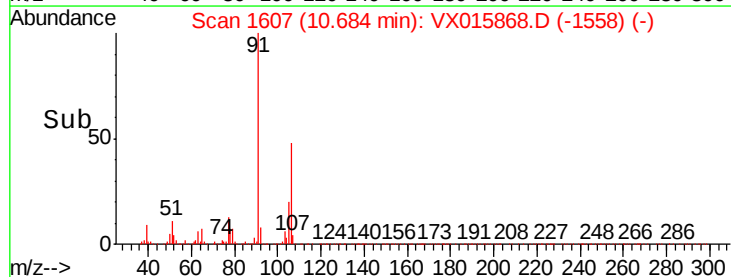
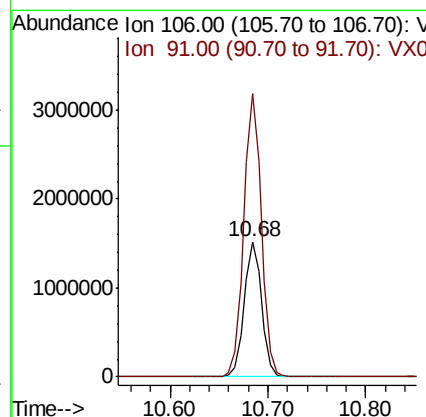
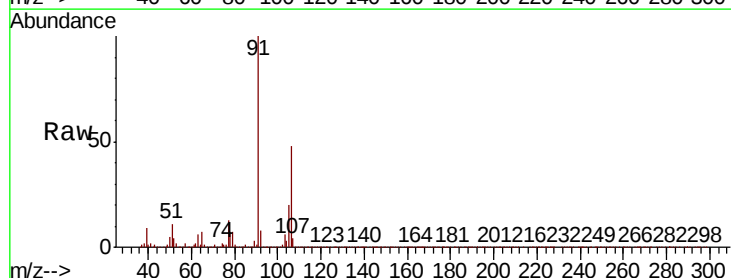
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

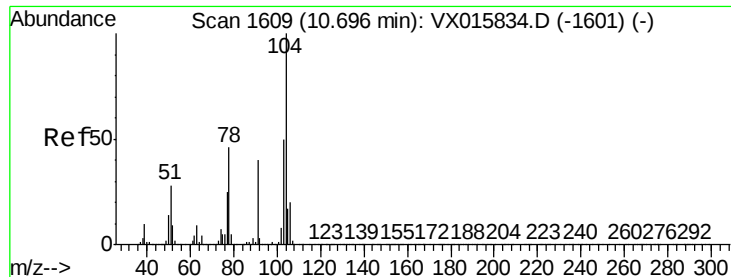
Tot Ion:106 Resp:12581324
Ion Ratio Lower Upper
106 100
91 135.0 161.1 241.7#



#69
o-Xylene
Concen: 101.748 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion:106 Resp: 1863898
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.3

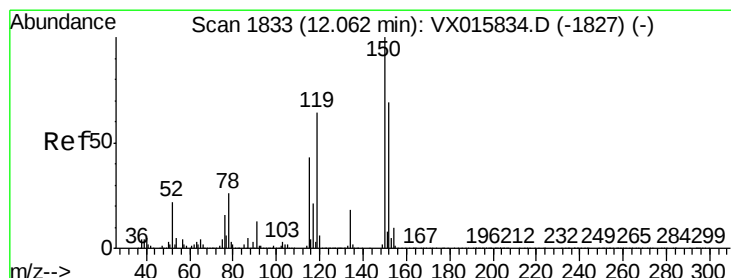
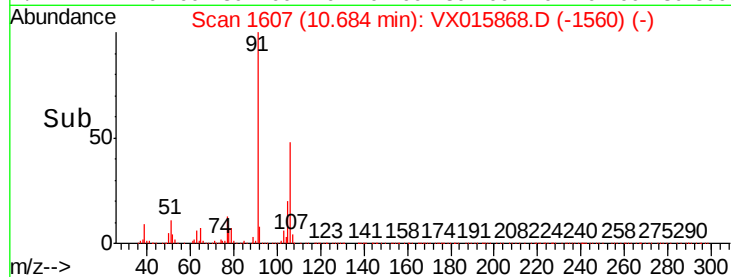
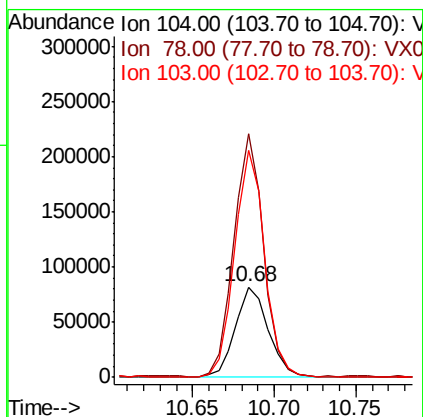
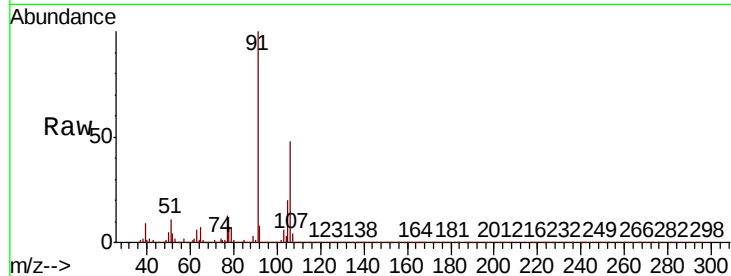




#70
Stvrene
Concen: 3.625 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

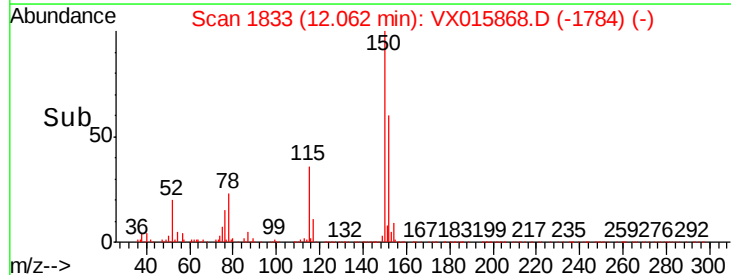
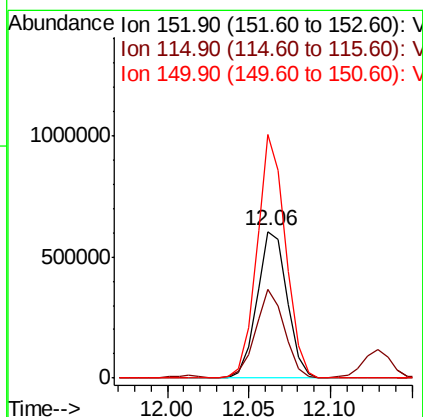
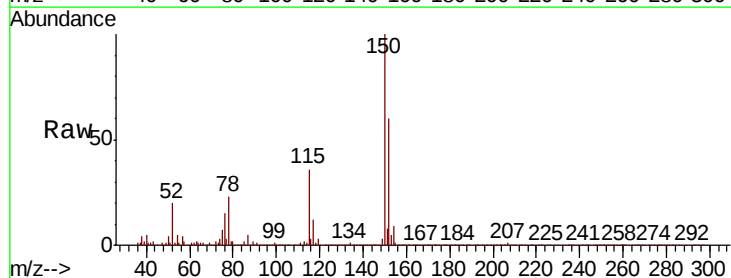
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

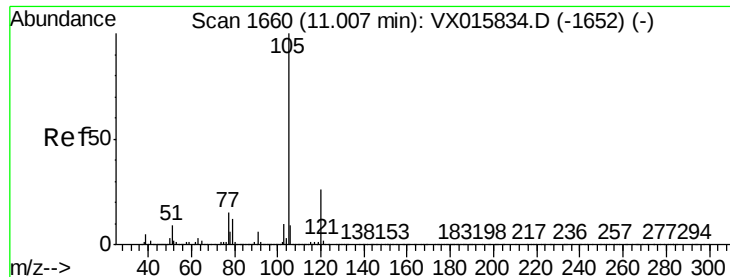
Tot Ion:104 Resp: 114989
Ion Ratio Lower Upper
104 100
78 240.3 40.1 60.1#
103 227.8 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion:152 Resp: 770098
Ion Ratio Lower Upper
152 100
115 57.5 39.0 116.9
150 157.9 0.0 336.8





#73

Isopropylbenzene

Concen: 150.865 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

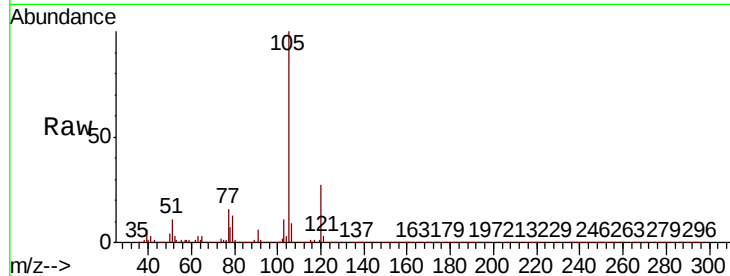
KY001MW022-200421

Tot Ion:105 Resp: 7378648

Ion Ratio Lower Upper

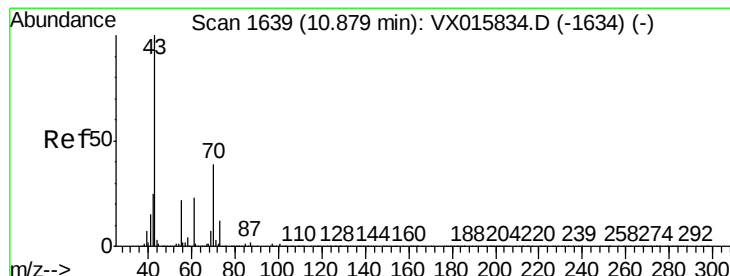
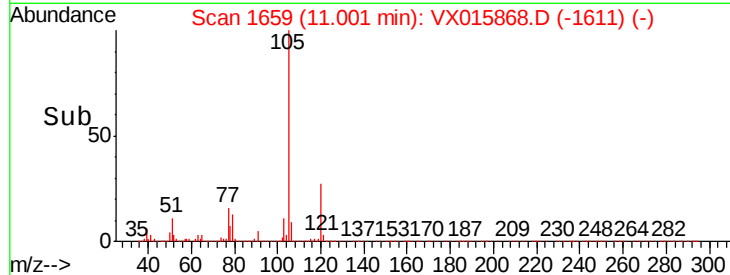
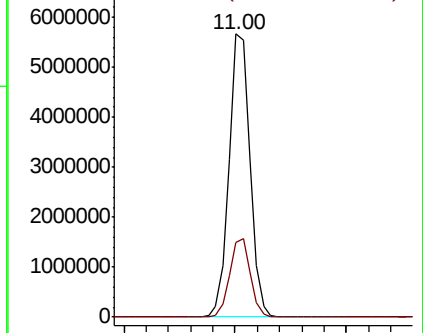
105 100

120 27.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.363 ug/l

RT: 10.83 min Scan# 1631

Delta R.T. -0.05 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Tgt Ion: 43 Resp: 59676

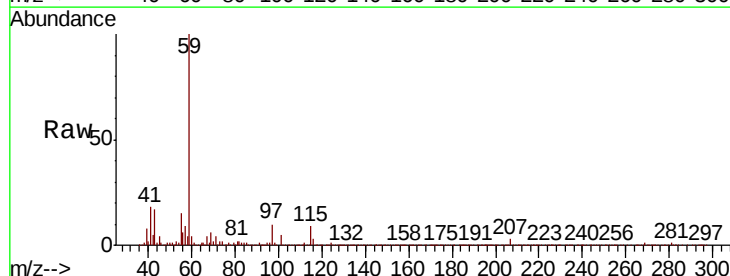
Ion Ratio Lower Upper

43 100

70 0.0 32.6 49.0#

55 0.0 18.3 27.5#

61 5.8 18.7 28.1#

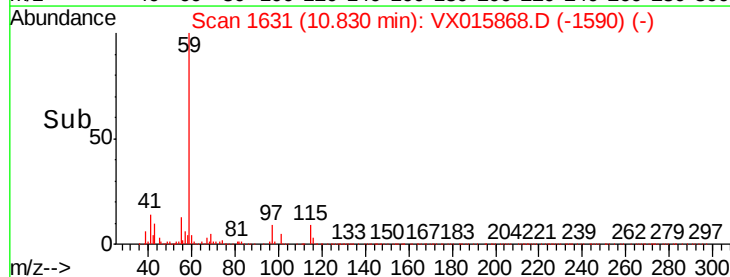
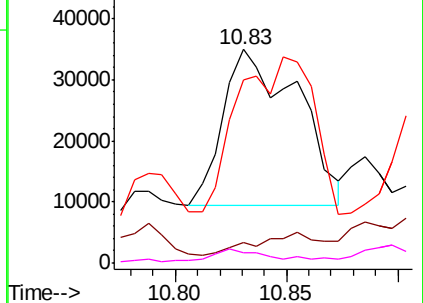


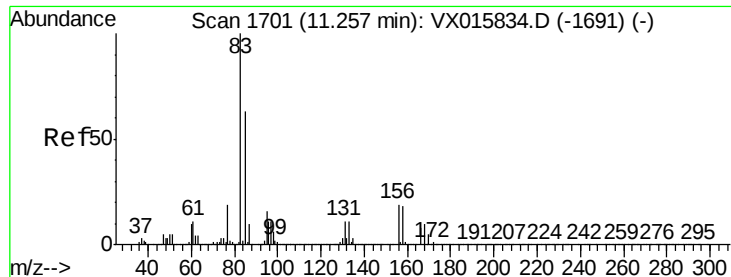
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.727 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.02 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421

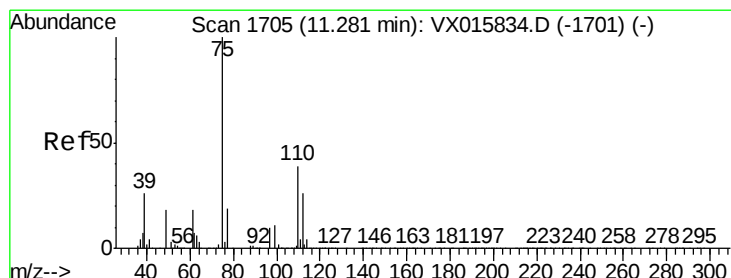
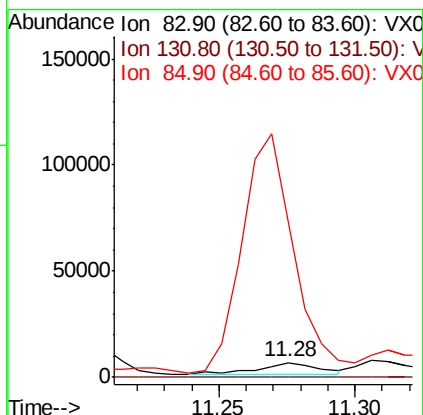
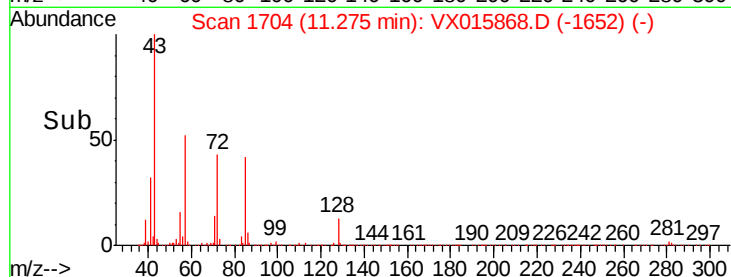
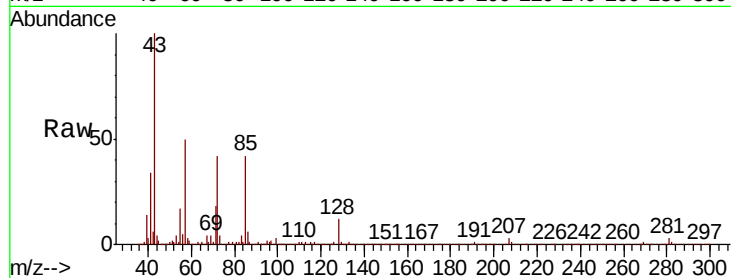
Tot Ion: 83 Resp: 7530

Ion Ratio Lower Upper

83 100

131 9.2 5.5 16.4

85 1966.4 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 3.092 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.06 min

Lab File: VX015868.D

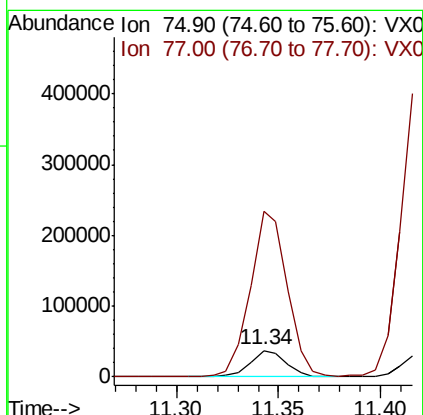
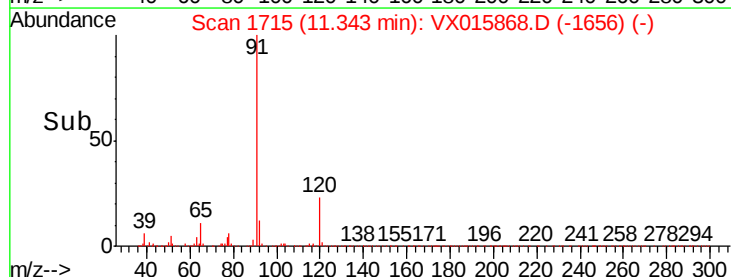
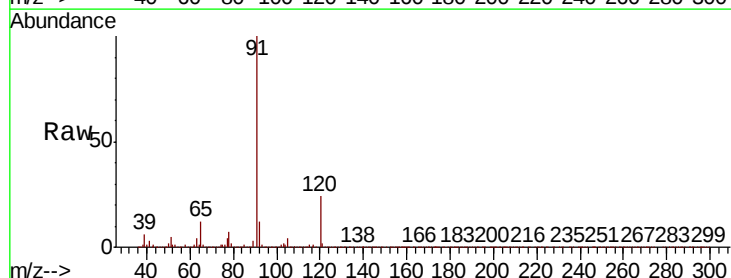
Acq: 23 Apr 2020 02:49

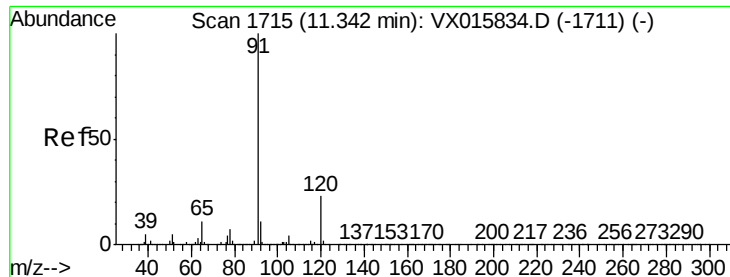
Tgt Ion: 75 Resp: 45285

Ion Ratio Lower Upper

75 100

77 642.9 21.3 63.9#





#78

n-propylbenzene

Concen: 128.905 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

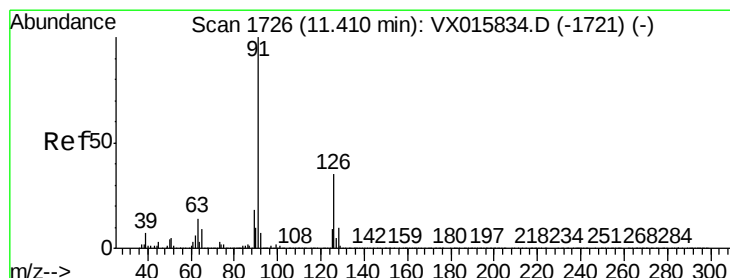
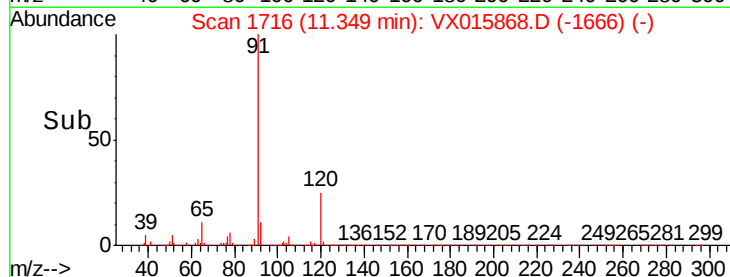
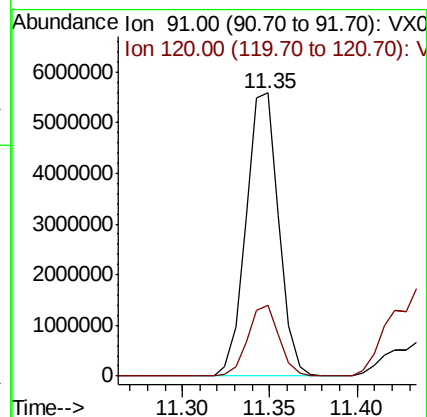
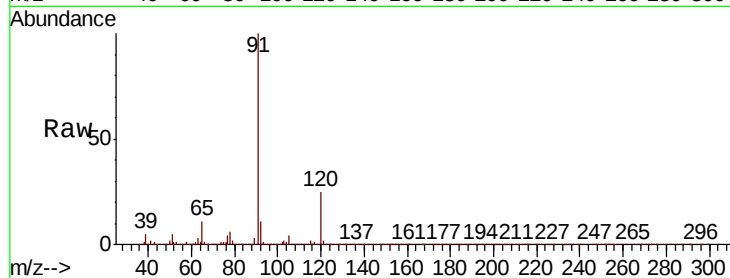
KY001MW022-200421

Tot Ion: 91 Resp: 7222251

Ion Ratio Lower Upper

91 100

120 24.1 11.7 35.1



#79

2-Chlorotoluene

Concen: 47.678 ug/l

RT: 11.44 min Scan# 1731

Delta R.T. 0.03 min

Lab File: VX015868.D

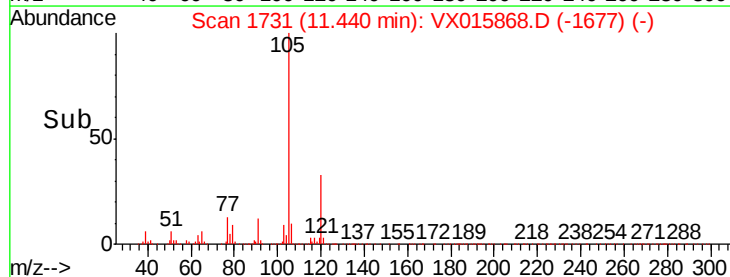
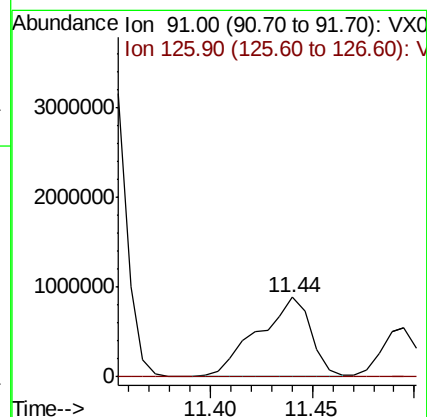
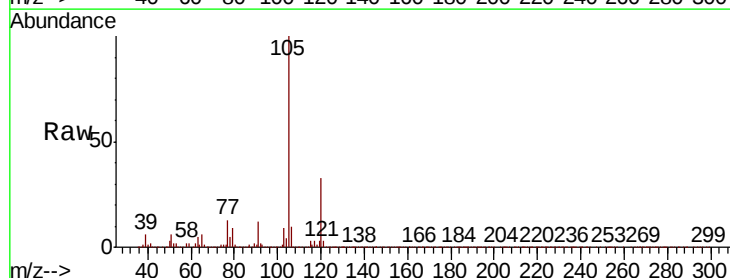
Acq: 23 Apr 2020 02:49

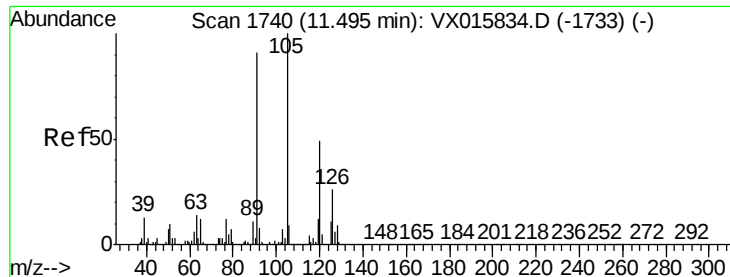
Tgt Ion: 91 Resp: 1604600

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#

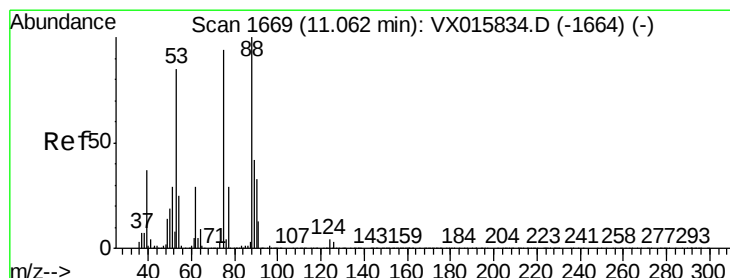
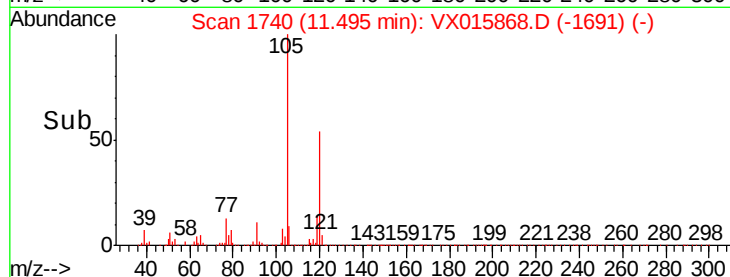
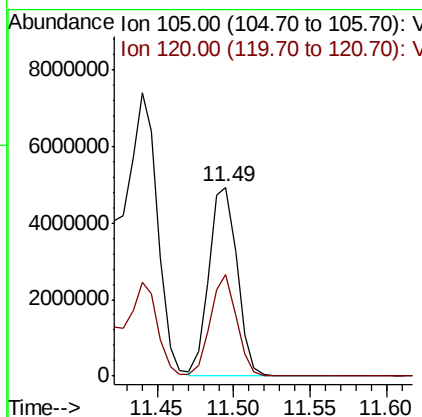
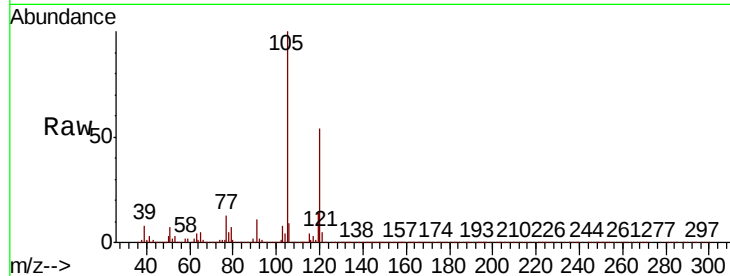




#80
 1,3,5-Trimethylbenzene
 Concen: 152.013 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

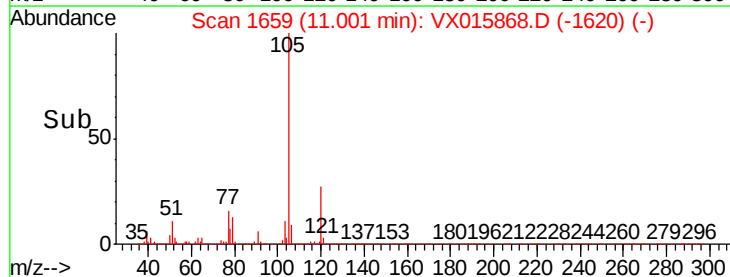
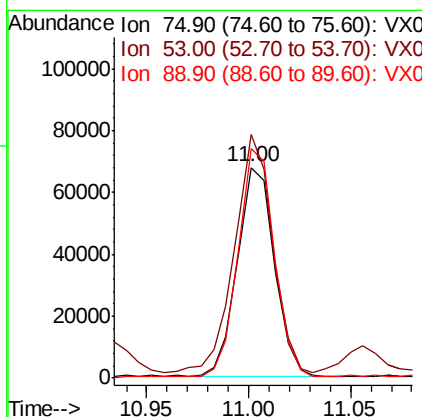
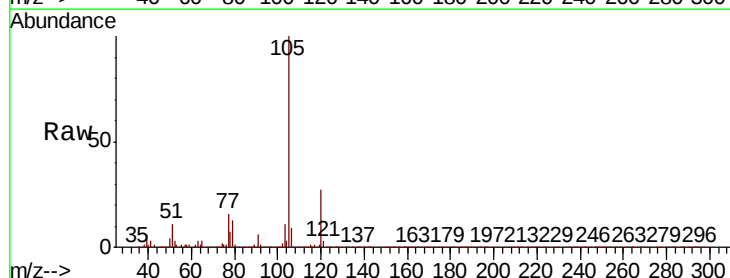
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

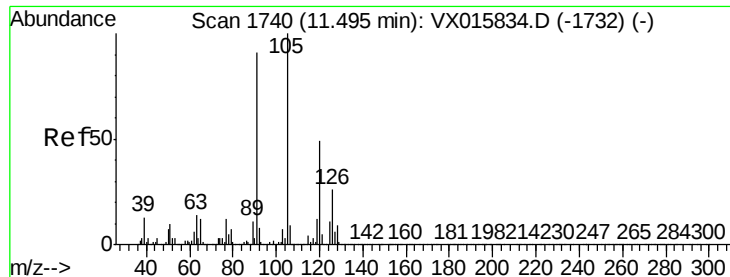
Tot Ion:105 Resp: 6339544
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 14.088 ug/l
 RT: 11.00 min Scan# 1659
 Delta R.T. -0.06 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion: 75 Resp: 85760
 Ion Ratio Lower Upper
 75 100
 53 115.2 74.2 111.2#
 89 106.4 38.0 57.0#





#82

4-Chlorotoluene

Concen: 17.073 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

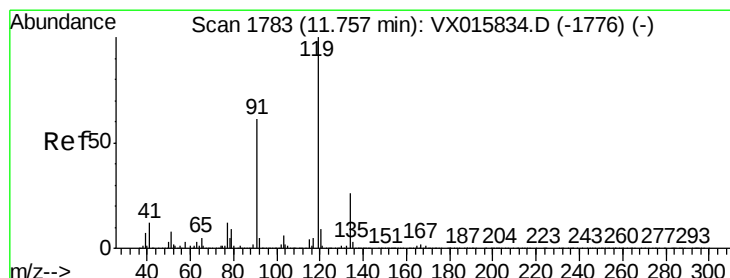
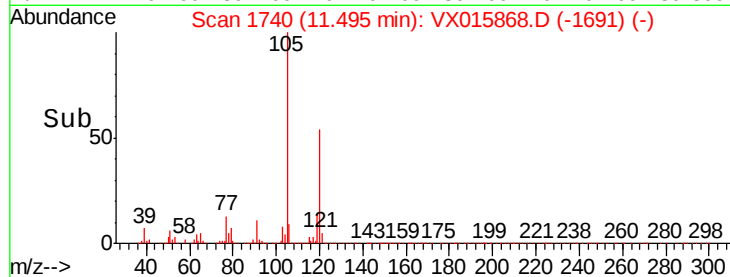
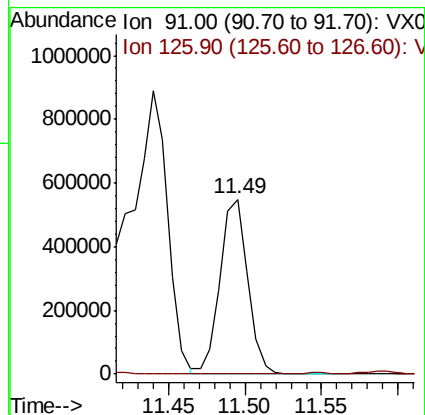
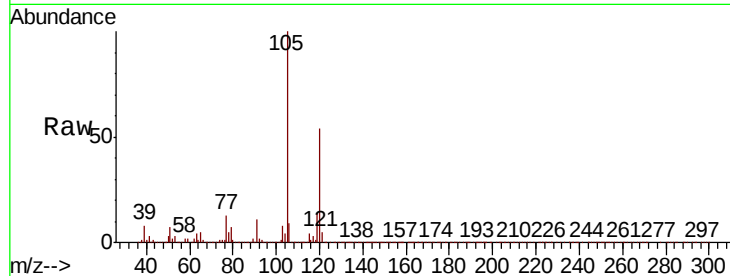
KY001MW022-200421

Tot Ion: 91 Resp: 682781

Ion Ratio Lower Upper

91 100

126 0.3 15.0 45.0#



#83

tert-Butylbenzene

Concen: 4.543 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

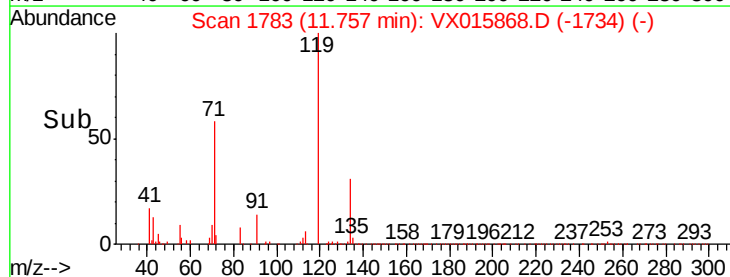
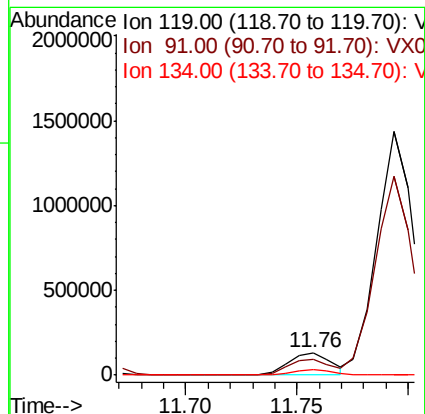
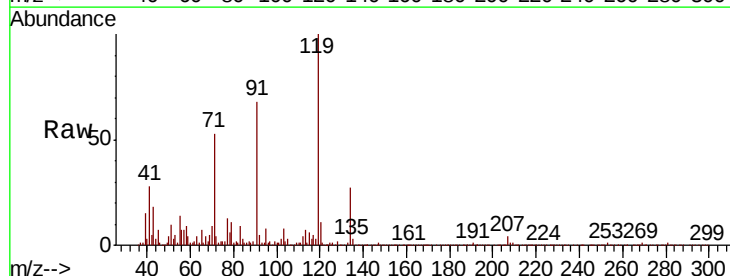
Tgt Ion: 119 Resp: 168072

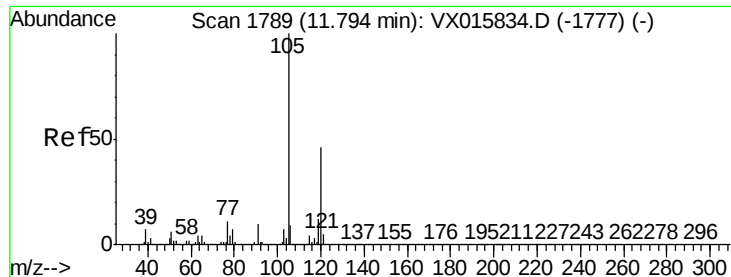
Ion Ratio Lower Upper

119 100

91 71.1 30.9 92.7

134 24.3 12.4 37.2

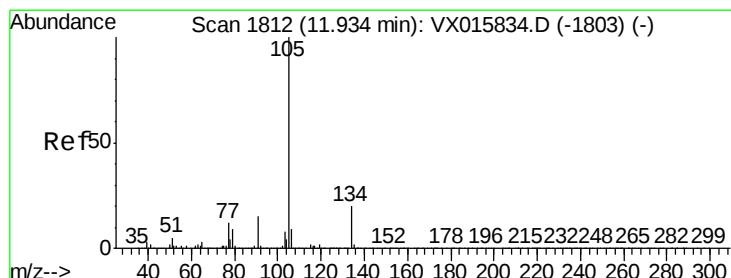
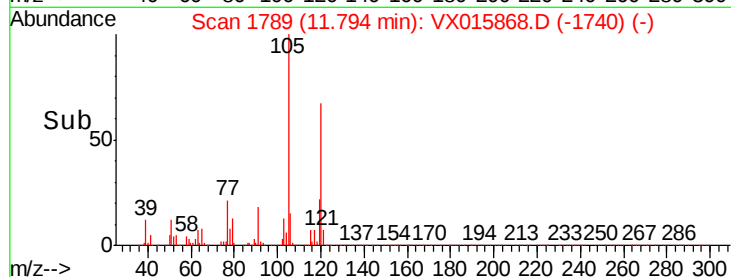
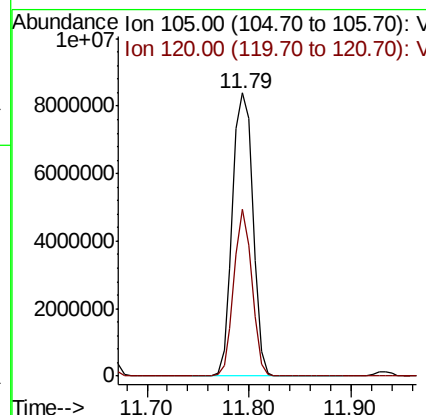
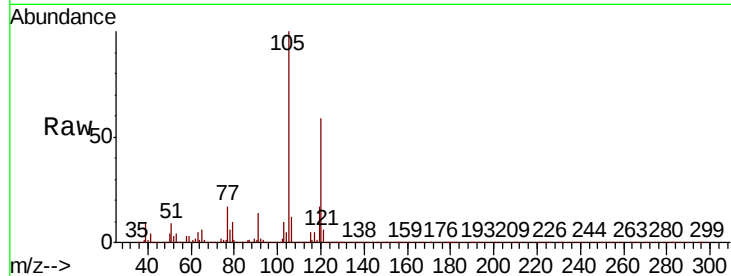




#84
 1,2,4-Trimethylbenzene
 Concen: 268.431 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

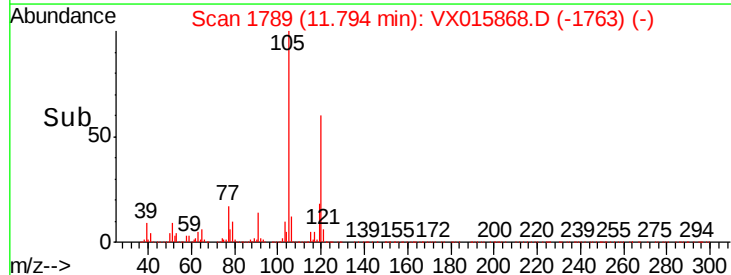
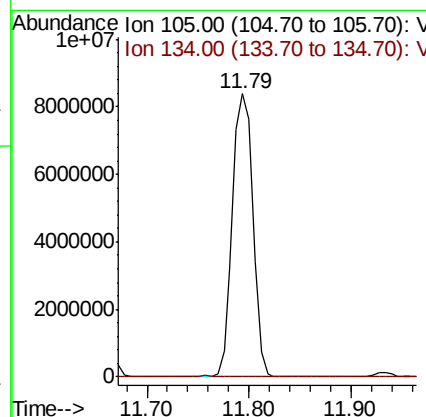
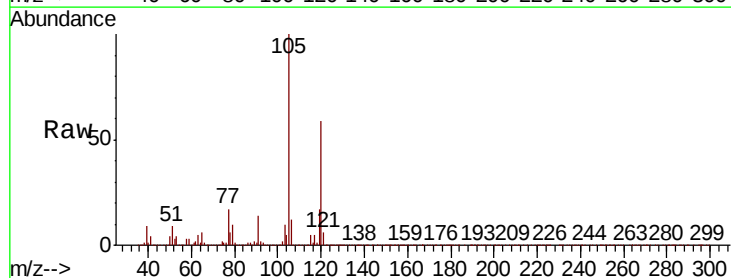
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421

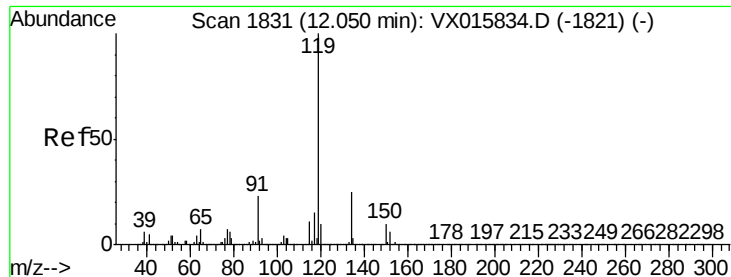
Tot Ion:105 Resp:11622074
 Ion Ratio Lower Upper
 105 100
 120 51.9 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 238.328 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.14 min
 Lab File: VX015868.D
 Acq: 23 Apr 2020 02:49

Tgt Ion:105 Resp:11622074
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#

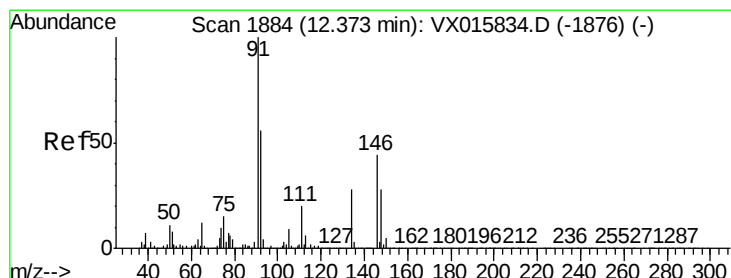
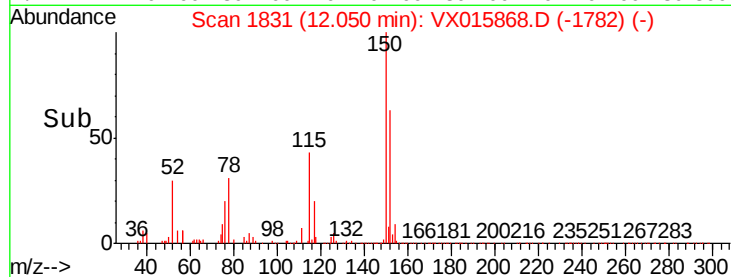
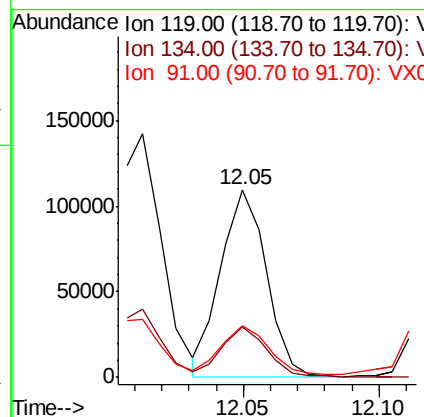
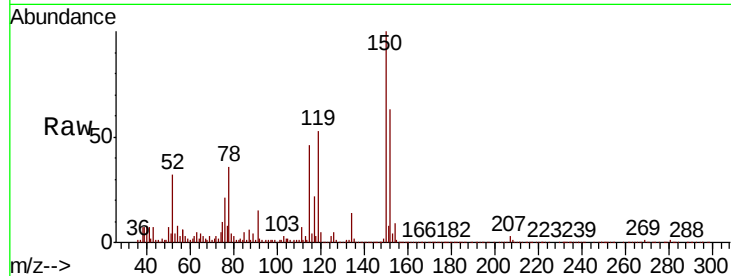




#86
p-Isopropyltoluene
Concen: 2.775 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

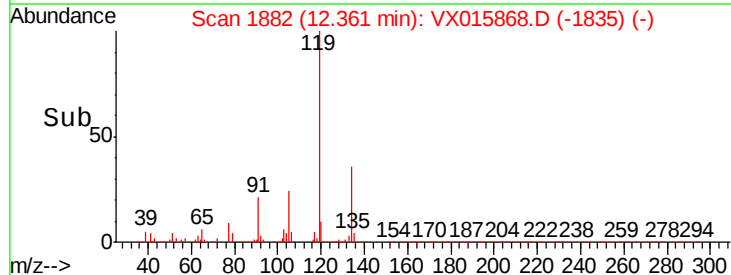
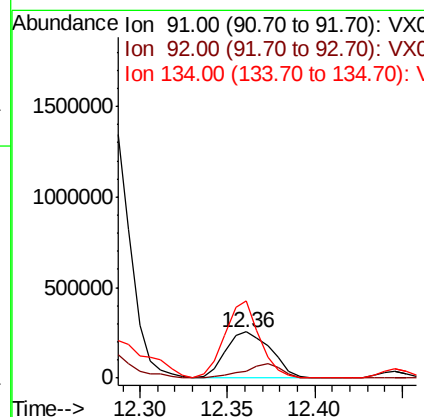
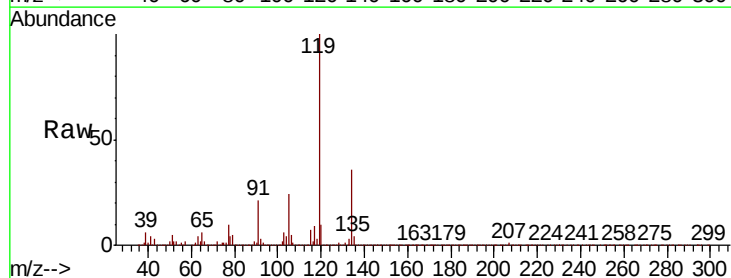
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

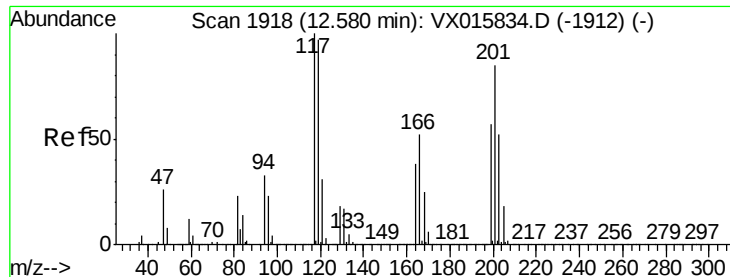
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.0	38.9
91	0.0	11.5	34.5#



#89
n-Butylbenzene
Concen: 11.219 ug/l
RT: 12.36 min Scan# 1882
Delta R.T. -0.01 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	26.5	27.7	83.1#
134	129.2	14.1	42.4#





#90

Hexachloroethane

Concen: 66.531 ug/l

RT: 12.68 min Scan# 1935

Delta R.T. 0.10 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

Instrument :

MSVOA_X

ClientSampleId :

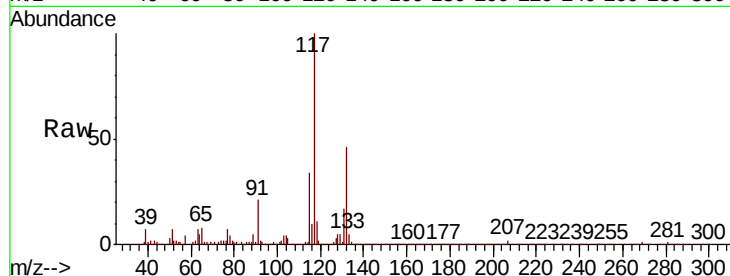
KY001MW022-200421

Tot Ion:117 Resp: 320486

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

800000

600000

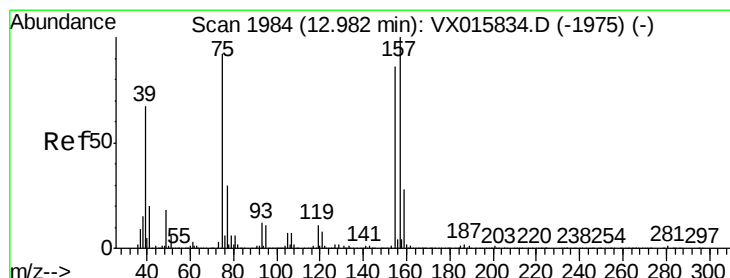
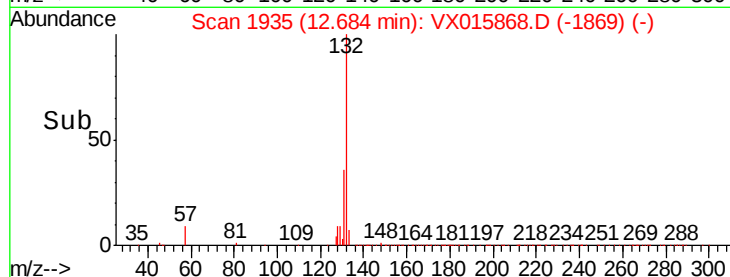
400000

200000

0

12.66 12.68 12.70 12.72

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.710 ug/l

RT: 13.00 min Scan# 1987

Delta R.T. 0.02 min

Lab File: VX015868.D

Acq: 23 Apr 2020 02:49

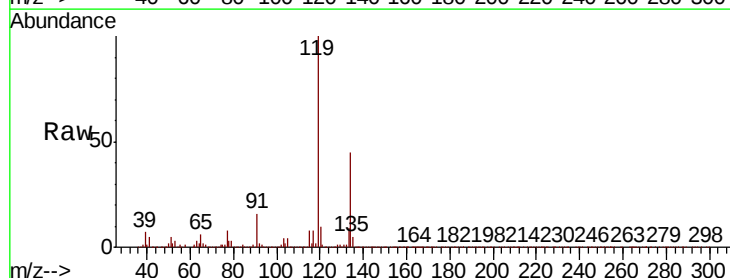
Tgt Ion: 75 Resp: 11389

Ion Ratio Lower Upper

75 100

155 2.0 48.1 144.4#

157 0.0 58.9 176.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

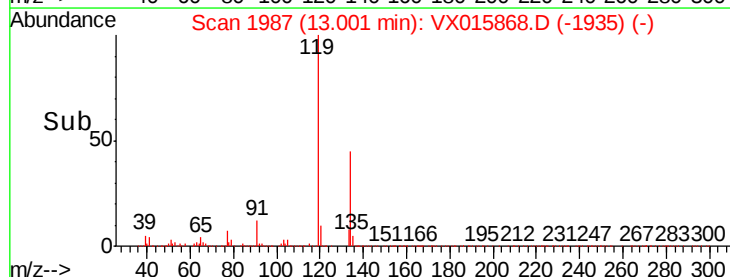
10000

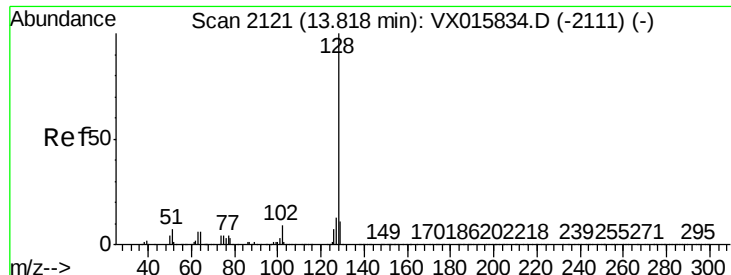
5000

0

13.00 13.05

Time-->





#95
Naphthalene
Concen: 180.268 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015868.D
Acq: 23 Apr 2020 02:49

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421

Tot Ion:128 Resp: 9507553
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 11.8 8.5 12.7

