

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015921.D
 Acq On : 24 Apr 2020 03:35
 Operator : JC/SP
 Sample : L2380-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421-FD

Quant Time: Apr 24 08:33:03 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	804393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1260212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1253542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	679489	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	471667	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	
35) Dibromofluoromethane	5.47	113	384461	52.85	ug/l	0.00
Spiked Amount			Recovery	=	105.70%	
50) Toluene-d8	8.70	98	1551467	52.98	ug/l	0.00
Spiked Amount			Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.12	95	650232	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	7043	0.999	ug/l	98
6) Chloroethane	1.72	64	1139	0.245	ug/l #	1
11) Tert butyl alcohol	3.01	59	62640	33.511	ug/l #	73
13) Acrolein	2.28	56	347	0.314	ug/l #	15
15) Acrylonitrile	3.15	53	9273	2.137	ug/l #	35
16) Acetone	2.42	43	13461	3.379	ug/l	96
17) Carbon Disulfide	2.55	76	11954	0.467	ug/l #	80
18) Methyl Acetate	2.83	43	107065	8.141	ug/l #	55
19) Methyl tert-butyl Ether	3.17	73	196793	7.912	ug/l #	1
25) 2-Butanone	4.65	43	7747	1.230	ug/l #	75
31) Cyclohexane	5.56	56	223831	16.746	ug/l	97
36) 1,1-Dichloropropene	5.64	75	54406	4.870	ug/l #	53
38) Carbon Tetrachloride	5.63	117	73044	6.638	ug/l #	16
39) Methylcyclohexane	7.44	83	337925	23.885	ug/l	90
40) Benzene	6.12	78	125406	3.727	ug/l	99
43) Isopropyl Acetate	6.43	43	18052	0.805	ug/l #	62
46) Dibromomethane	7.62	93	1614	0.251	ug/l #	1
47) Bromodichloromethane	7.82	83	7204	0.629	ug/l #	66
48) Methyl methacrylate	7.72	41	43441	3.938	ug/l #	49
49) 1,4-Dioxane	7.72	88	481	2.307	ug/l #	1
51) 4-Methyl-2-Pentanone	8.66	43	36713	2.836	ug/l #	37
52) Toluene	8.76	92	18846	0.874	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	108451	12.877	ug/l #	19
56) Ethyl methacrylate	9.15	69	26892	1.885	ug/l #	1
67) Ethyl Benzene	10.24	91	170166	3.866	ug/l	98
68) m/p-Xylenes	10.35	106	13503	0.817	ug/l	90
69) o-Xylene	10.68	106	15365	0.945	ug/l	92
73) Isopropylbenzene	11.00	105	12590394	291.753	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.47	83	1858	0.203	ug/l	74
76) 1,2,3-Trichloropropane	11.35	75	99050	7.666	ug/l #	1
78) n-propylbenzene	11.34	91	12791479	258.752	ug/l	89
79) 2-Chlorotoluene	11.34	91	12791479	430.762	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.65	105	790386	21.480	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.01	75	173965	32.387	ug/l #	63

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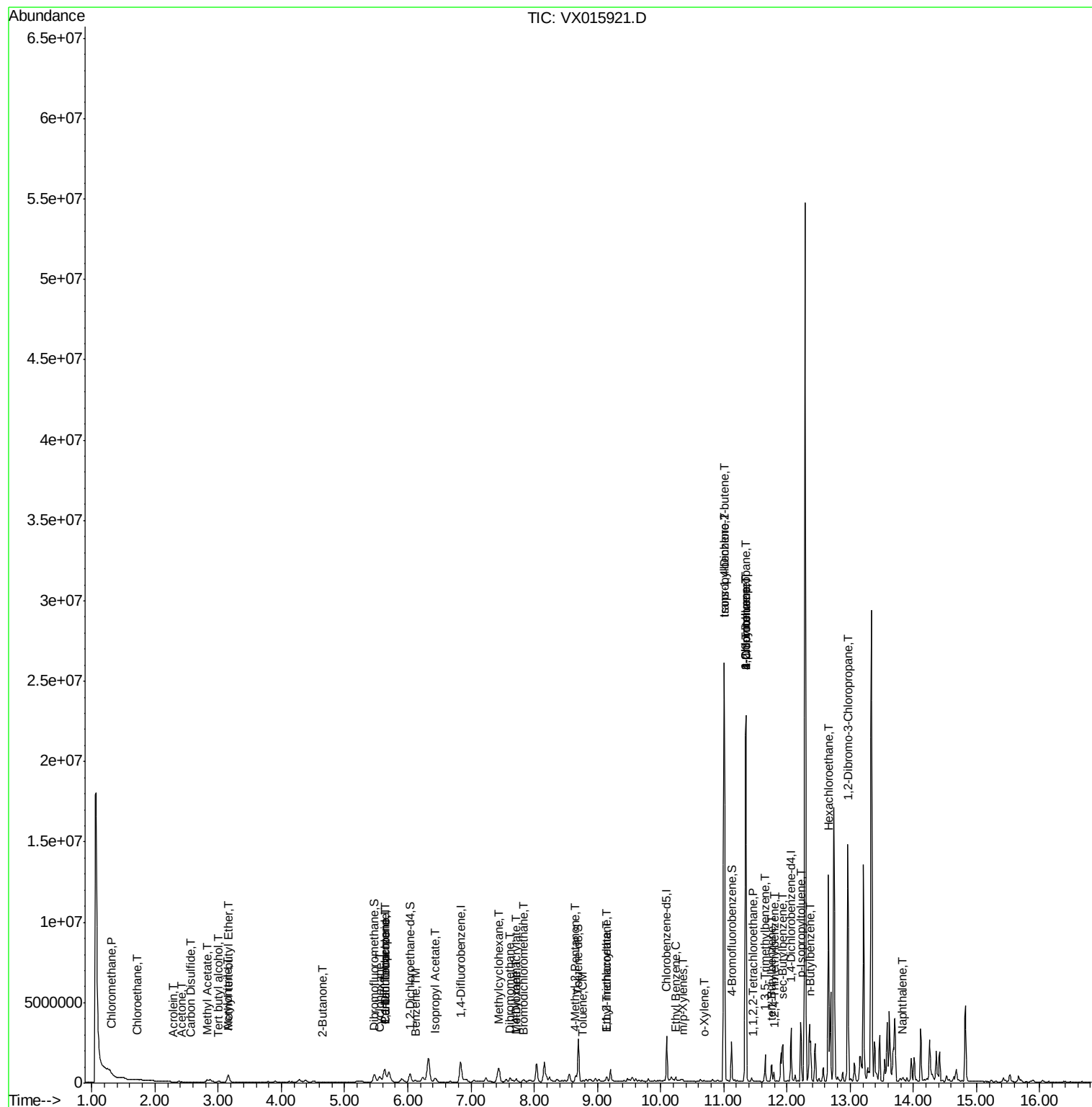
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.34	91	12791479	362.503	ug/l #	45
83) tert-Butylbenzene	11.76	119	406574	12.456	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	261570	6.847	ug/l	100
85) sec-Butylbenzene	11.93	105	1247886	29.002	ug/l	100
86) p-Isopropyltoluene	12.22	119	1628891	40.486	ug/l	97
89) n-Butylbenzene	12.37	91	1259532	35.014	ug/l #	75
90) Hexachloroethane	12.65	117	491492	115.637	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	44012	16.250	ug/l #	1
95) Naphthalene	13.82	128	118045	2.537	ug/l #	84

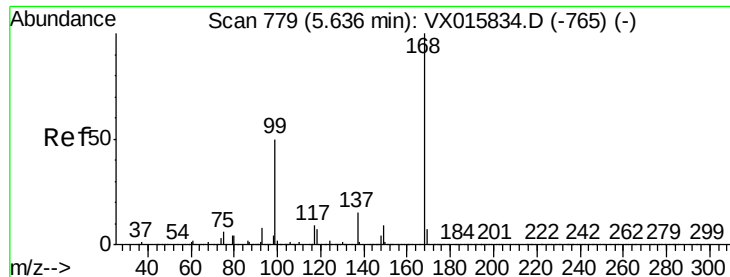
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

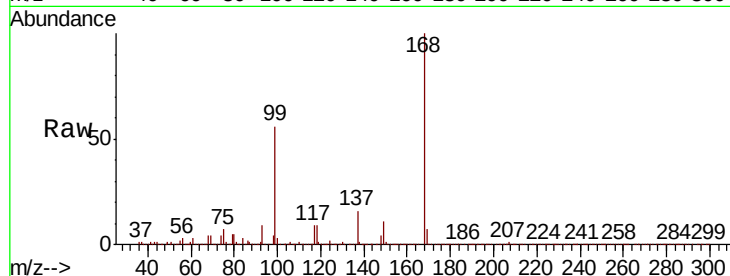
KY001MW029-200421-FD

Tot Ion:168 Resp: 804393

Ion Ratio Lower Upper

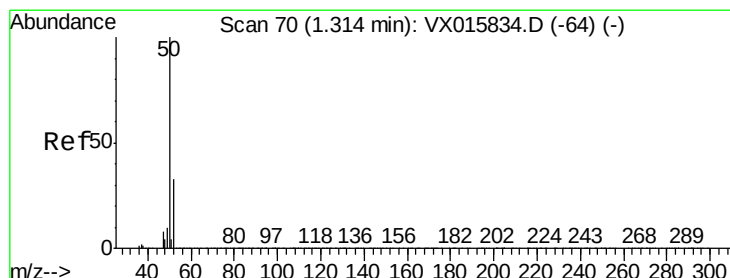
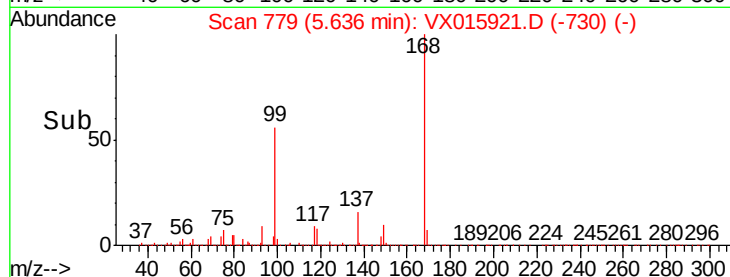
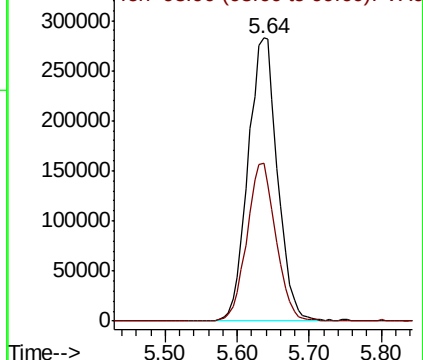
168 100

99 55.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.999 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015921.D

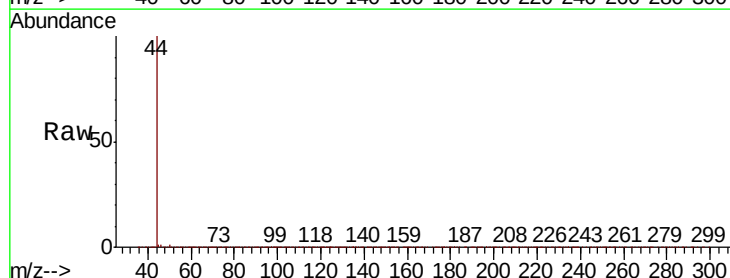
Acq: 24 Apr 2020 03:35

Tgt Ion: 50 Resp: 7043

Ion Ratio Lower Upper

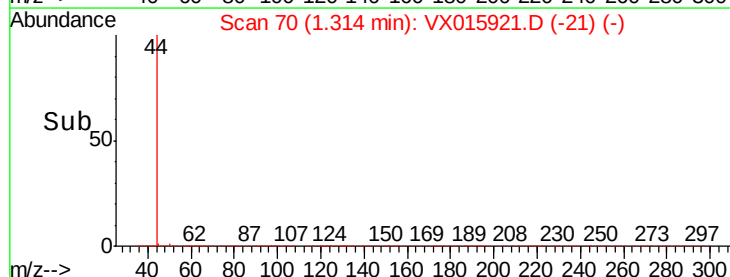
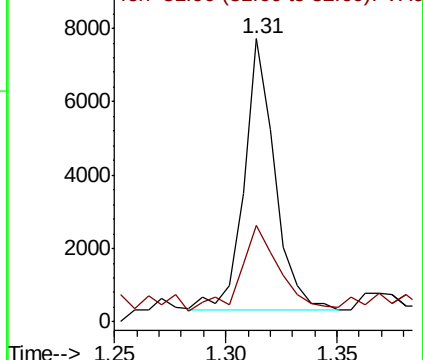
50 100

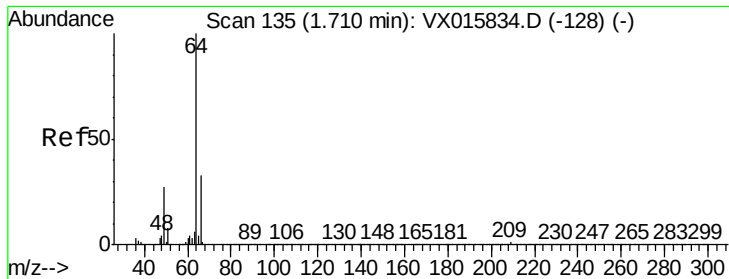
52 31.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 0.245 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

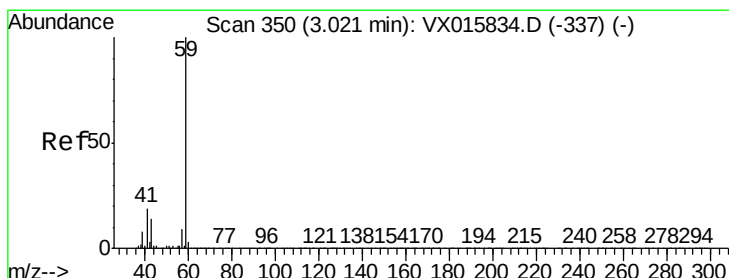
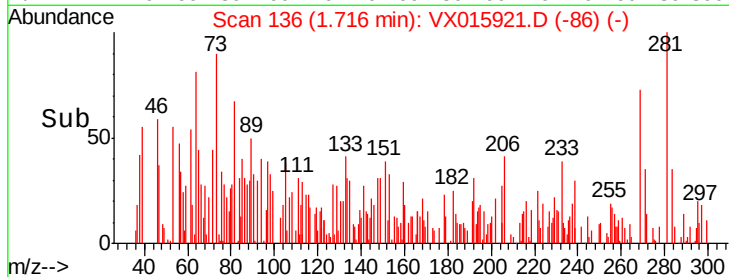
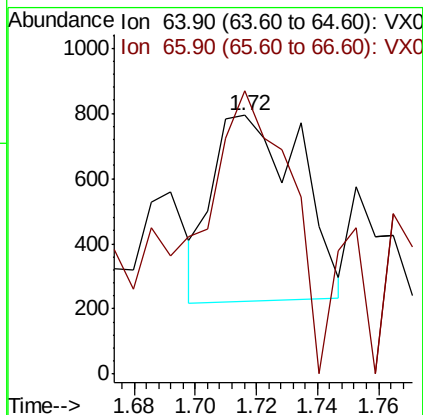
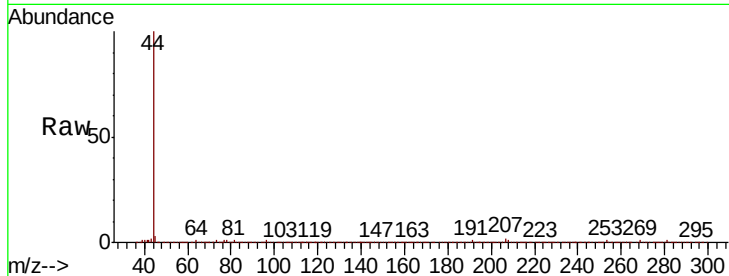
KY001MW029-200421-FD

Tot Ion: 64 Resp: 1139

Ion Ratio Lower Upper

64 100

66 98.6 26.2 39.2#



#11

Tert butyl alcohol

Concen: 33.511 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015921.D

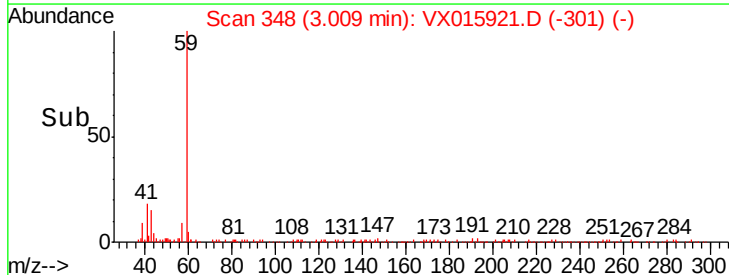
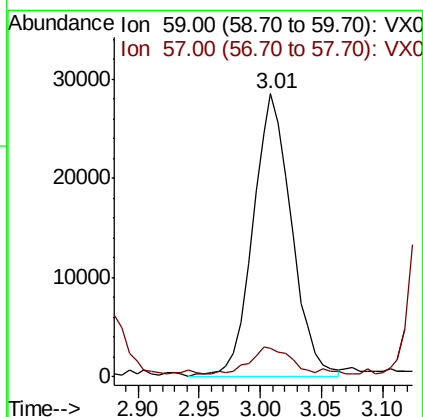
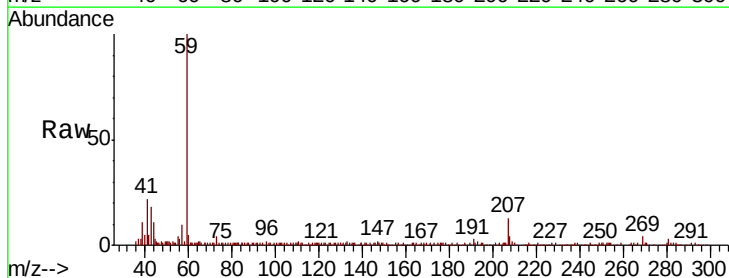
Acq: 24 Apr 2020 03:35

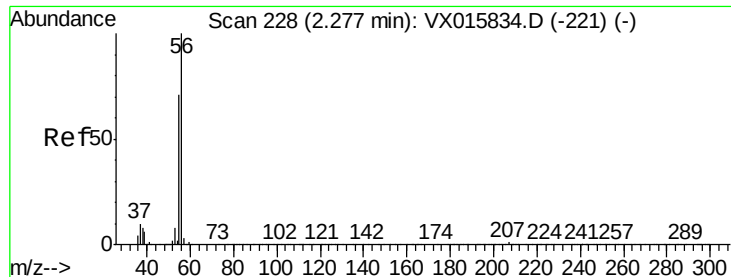
Tgt Ion: 59 Resp: 62640

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.314 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

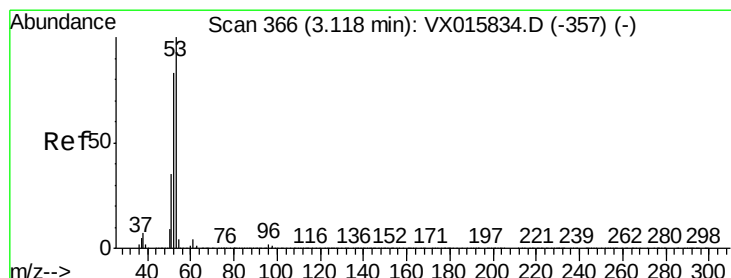
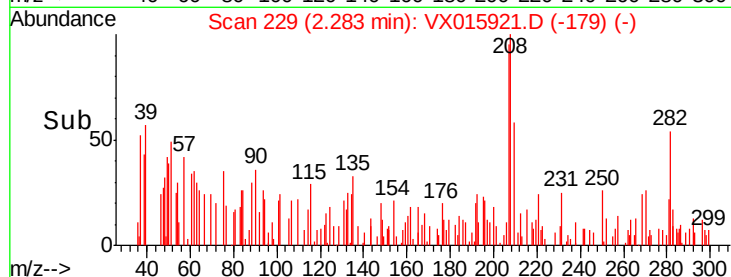
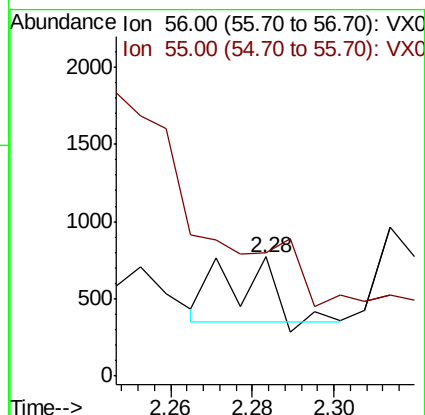
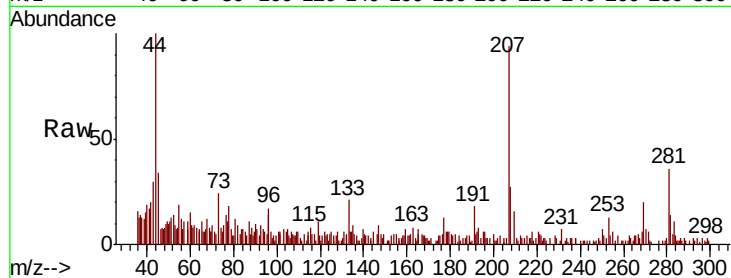
KY001MW029-200421-FD

Tot Ion: 56 Resp: 347

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



#15

Acrylonitrile

Concen: 2.137 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.04 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

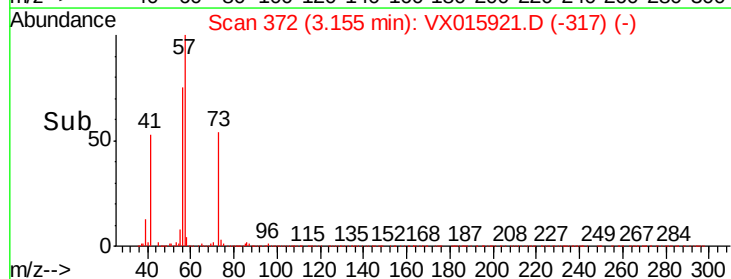
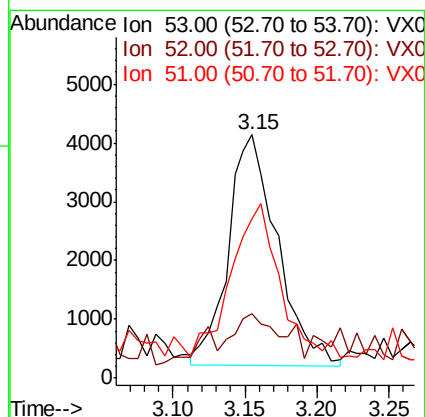
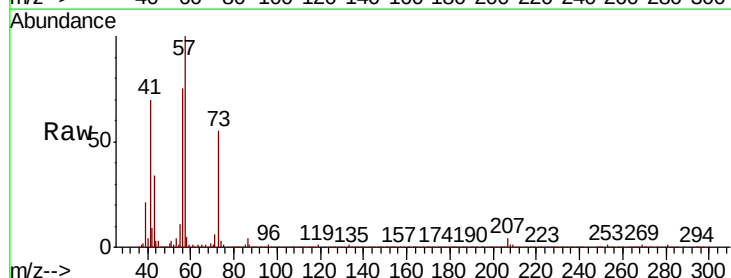
Tgt Ion: 53 Resp: 9273

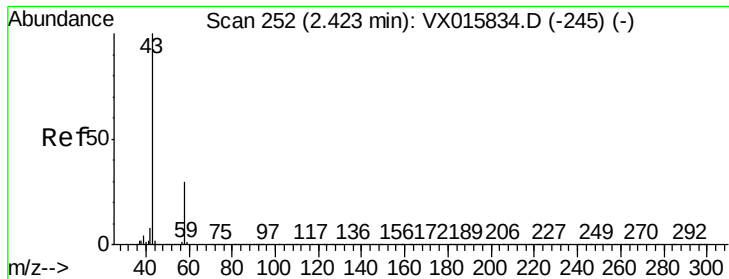
Ion Ratio Lower Upper

53 100

52 19.5 66.2 99.4#

51 67.1 28.6 43.0#





#16

Acetone

Concen: 3.379 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

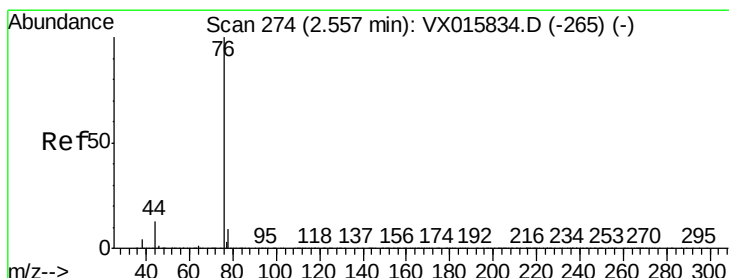
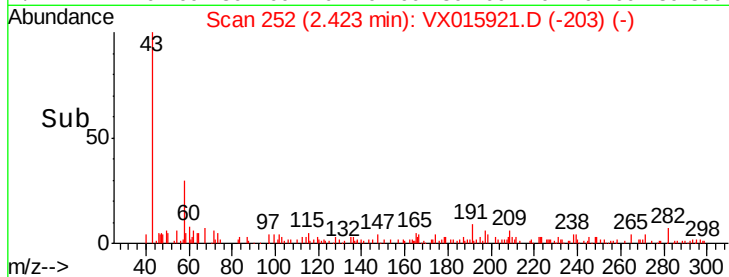
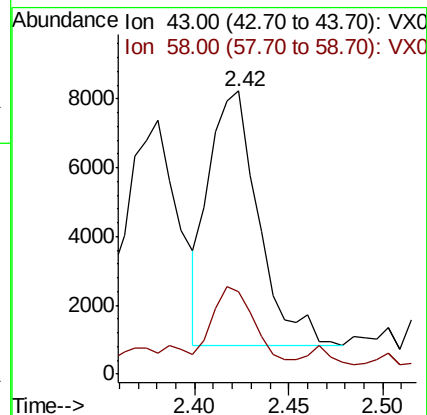
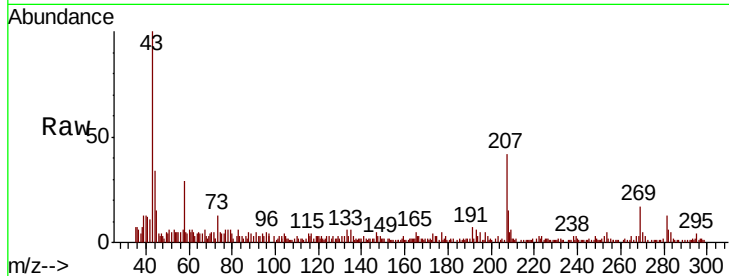
KY001MW029-200421-FD

Tot Ion: 43 Resp: 13461

Ion Ratio Lower Upper

43 100

58 27.8 24.0 36.0



#17

Carbon Disulfide

Concen: 0.467 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015921.D

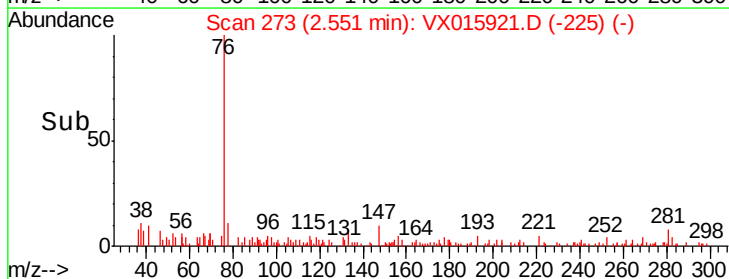
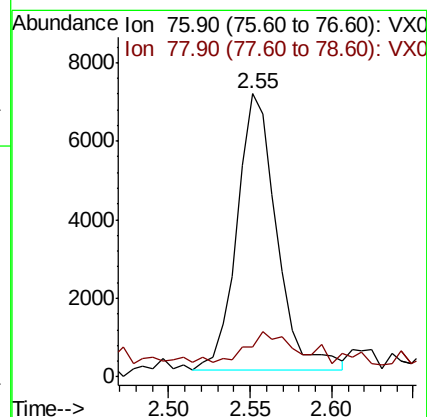
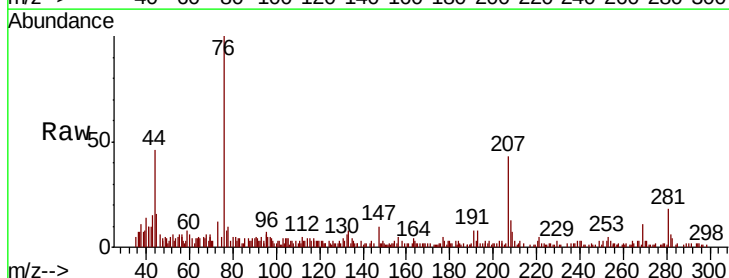
Acq: 24 Apr 2020 03:35

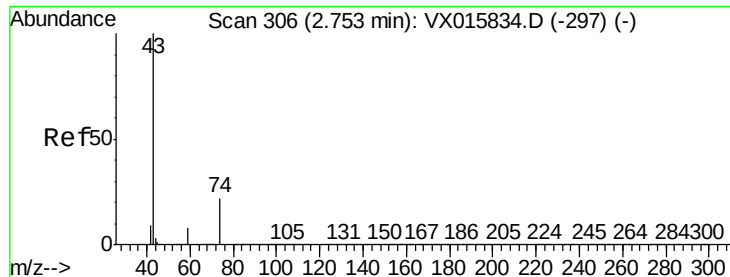
Tgt Ion: 76 Resp: 11954

Ion Ratio Lower Upper

76 100

78 2.0 7.4 11.2#

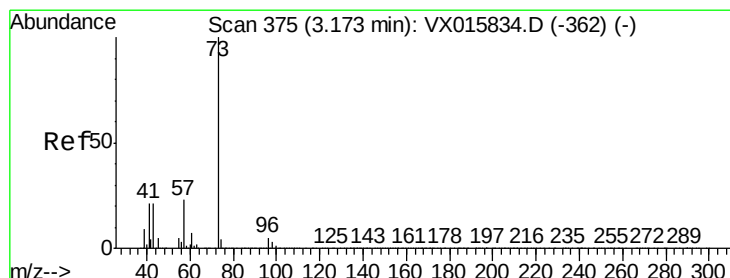
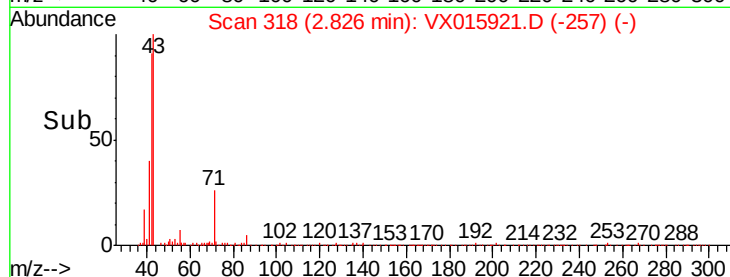
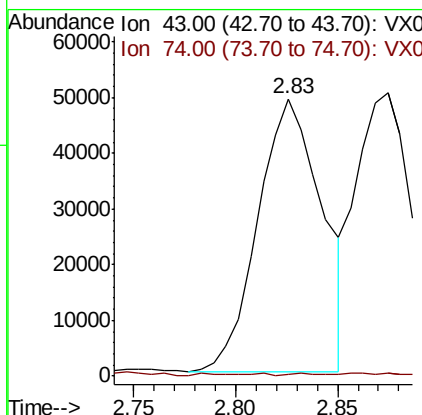
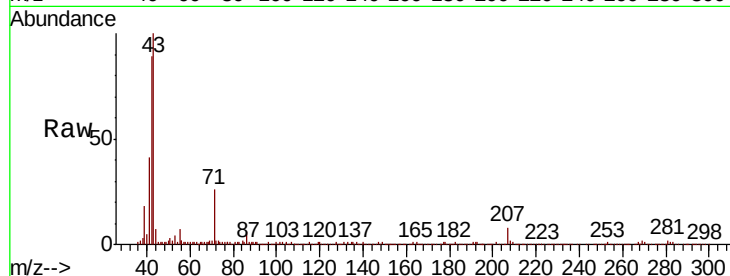




#18
Methyl Acetate
Concen: 8.141 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.07 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

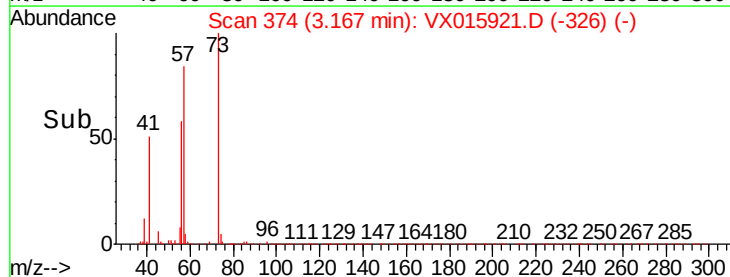
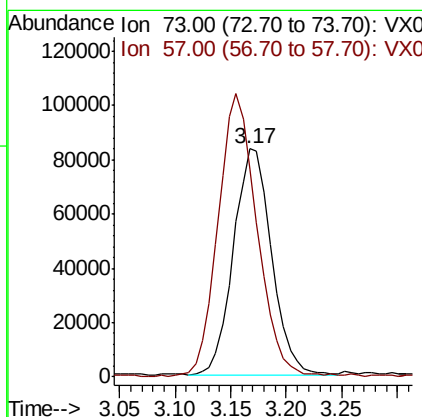
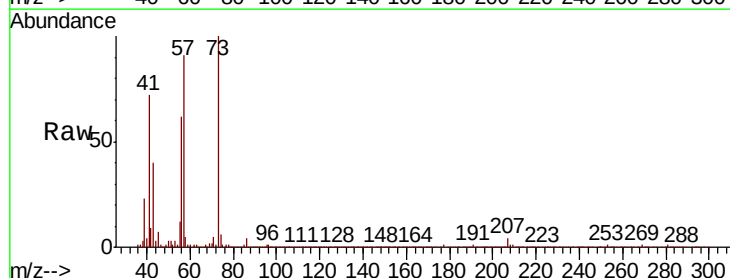
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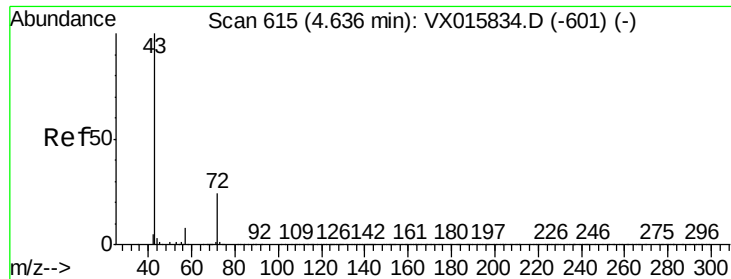
Tot Ion: 43 Resp: 107065
Ion Ratio Lower Upper
43 100
74 0.6 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 7.912 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion: 73 Resp: 196793
Ion Ratio Lower Upper
73 100
57 91.3 18.1 27.1#





#25

2-Butanone

Concen: 1.230 ug/l

RT: 4.65 min Scan# 617

Delta R.T. 0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

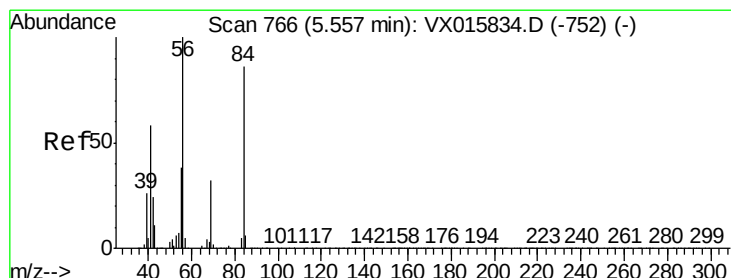
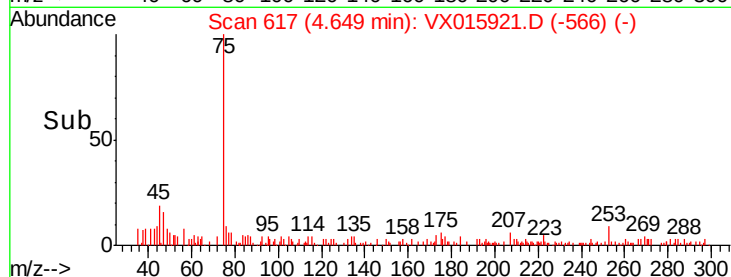
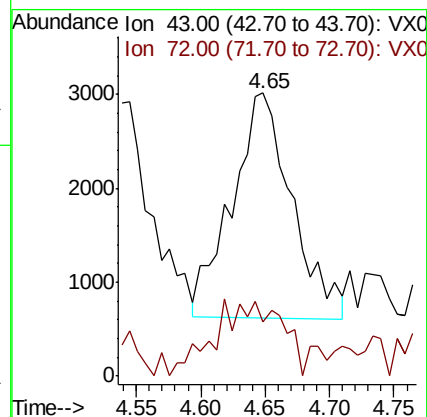
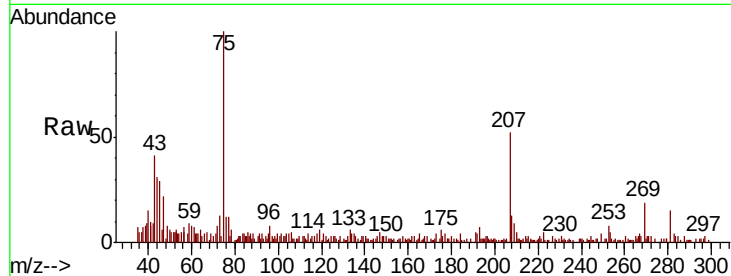
KY001MW029-200421-FD

Tot Ion: 43 Resp: 7747

Ion Ratio Lower Upper

43 100

72 11.7 19.4 29.2#



#31

Cyclohexane

Concen: 16.746 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

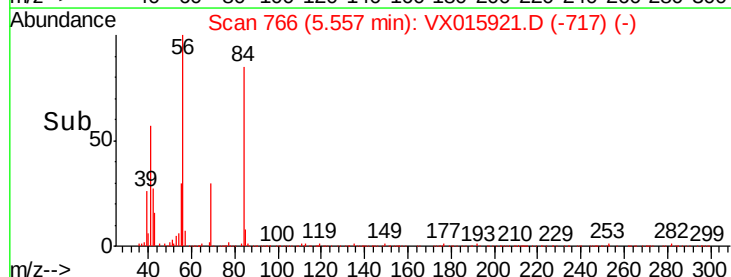
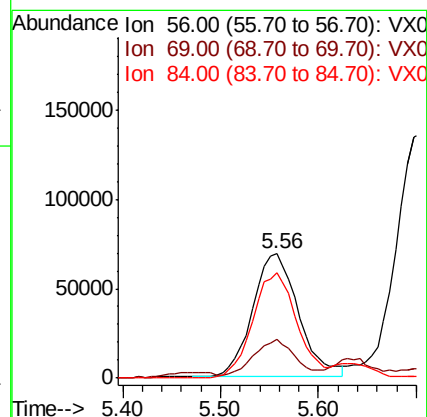
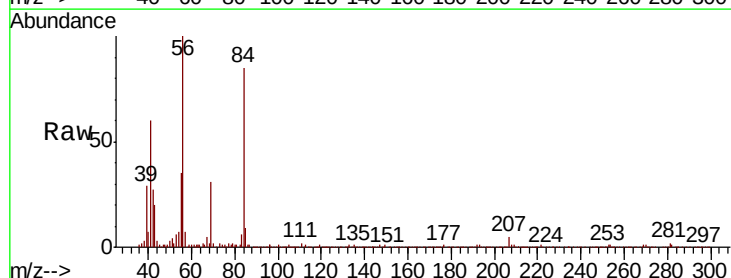
Tgt Ion: 56 Resp: 223831

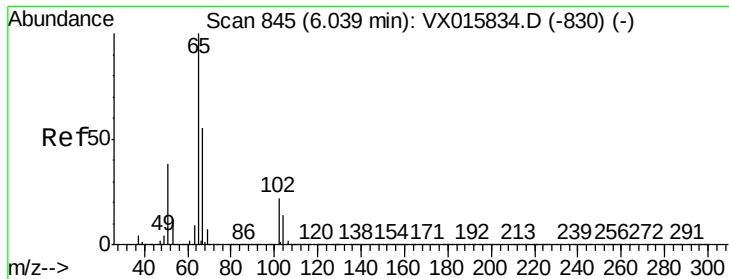
Ion Ratio Lower Upper

56 100

69 26.6 25.3 37.9

84 85.2 69.1 103.7





#33

1,2-Dichloroethane-d4

Concen: 51.555 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

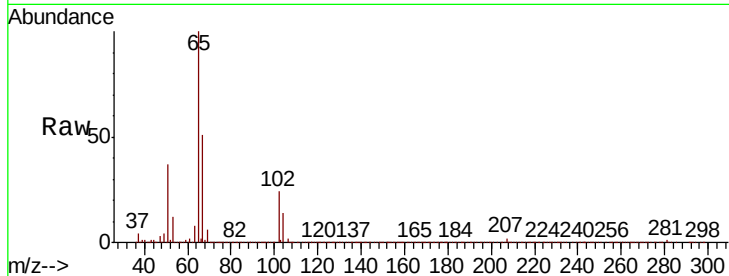
KY001MW029-200421-FD

Tot Ion: 65 Resp: 471667

Ion Ratio Lower Upper

65 100

67 51.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

200000

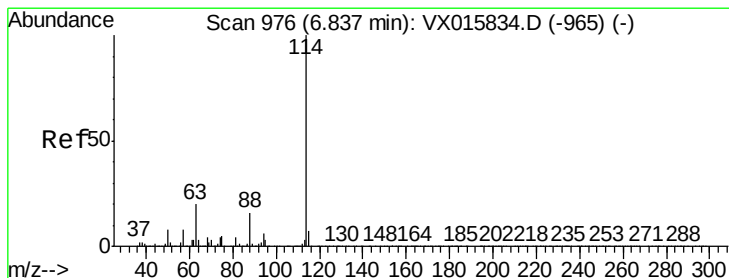
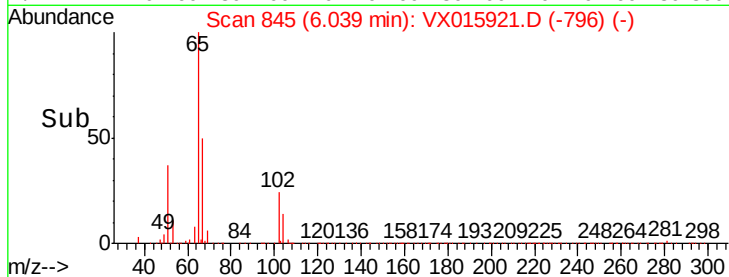
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

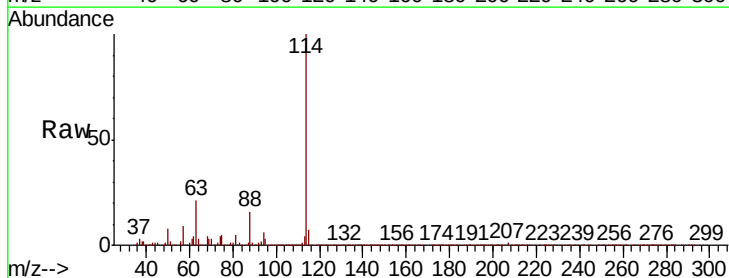
Tgt Ion: 114 Resp: 1260212

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

88 16.2 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

6.84

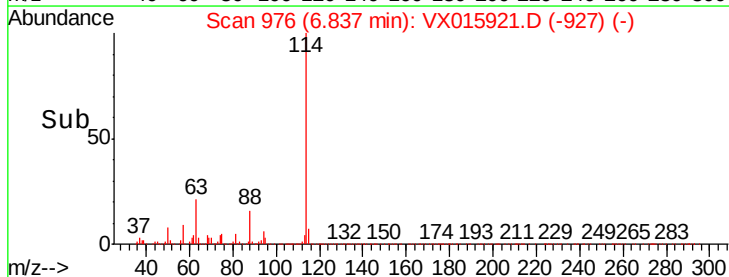
600000

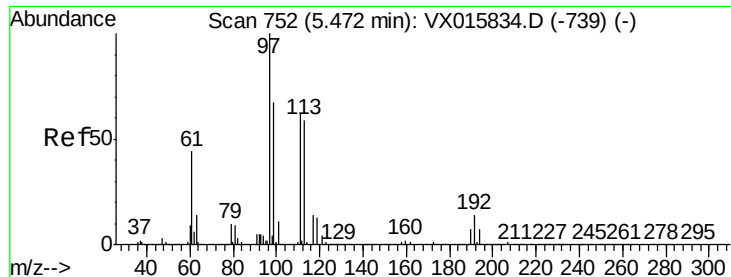
400000

200000

0

Time-->

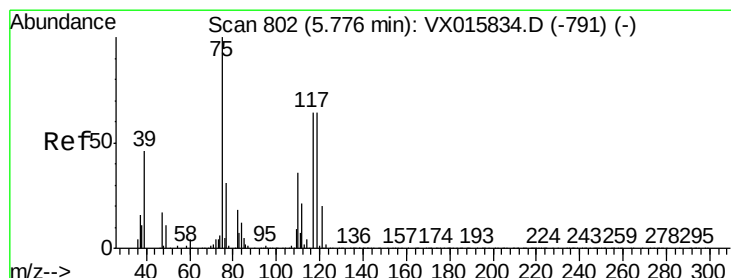
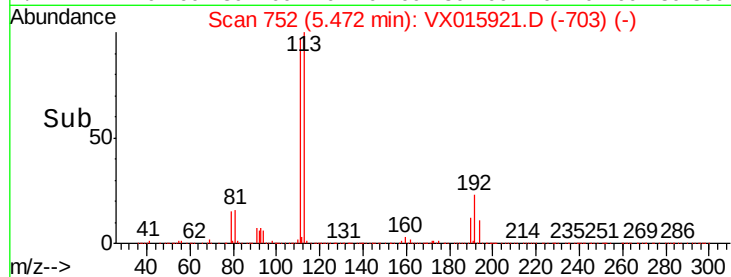
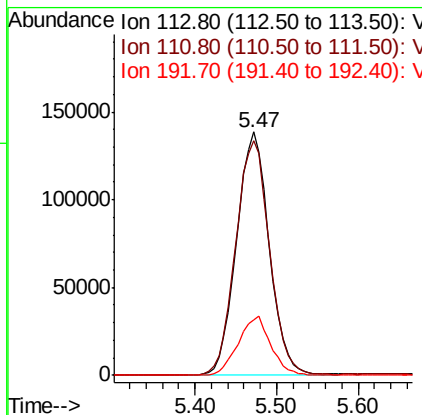
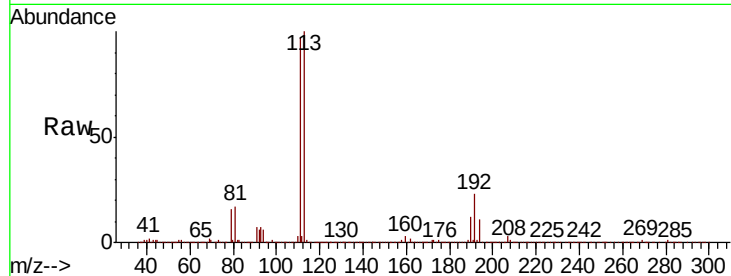




#35
 Dibromofluoromethane
 Concen: 52.852 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

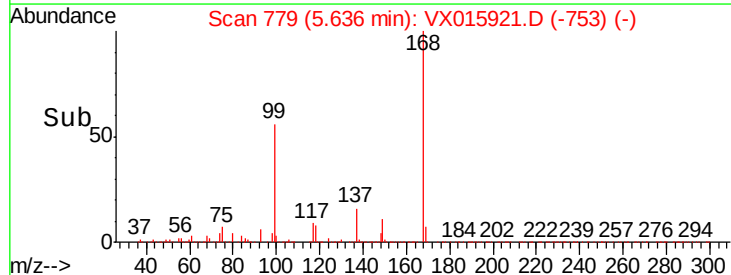
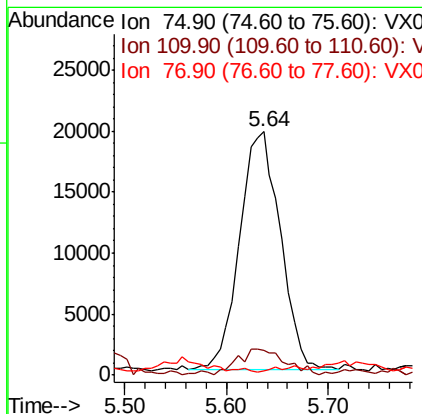
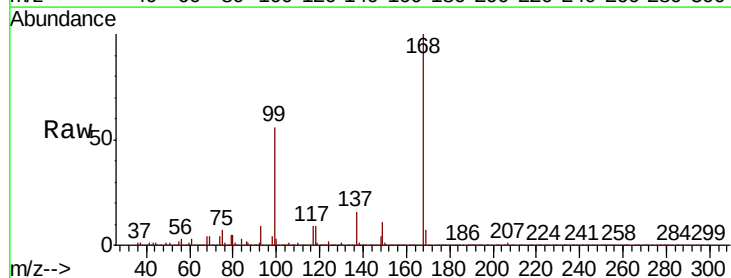
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421-FD

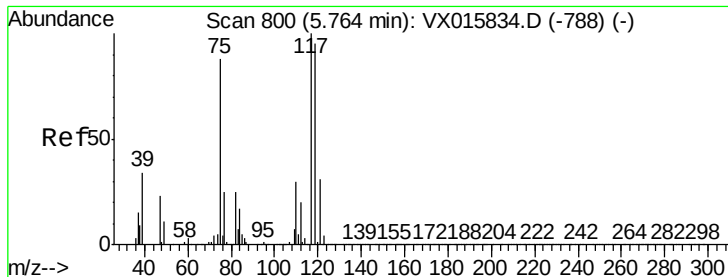
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.7	124.1
192	23.9	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.870 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.7	17.9	53.8#
77	0.5	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.638 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

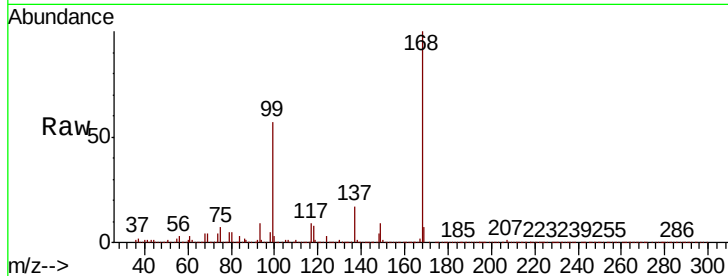
Tot Ion:117 Resp: 73044

Ion Ratio Lower Upper

117 100

119 4.4 75.7 113.5#

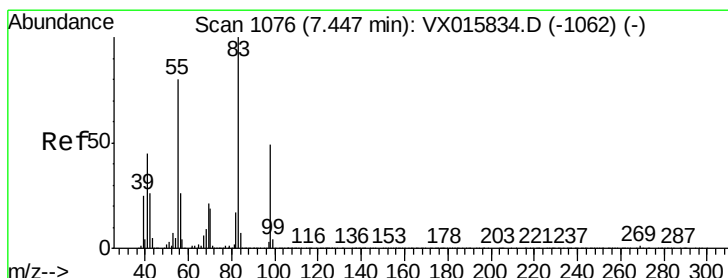
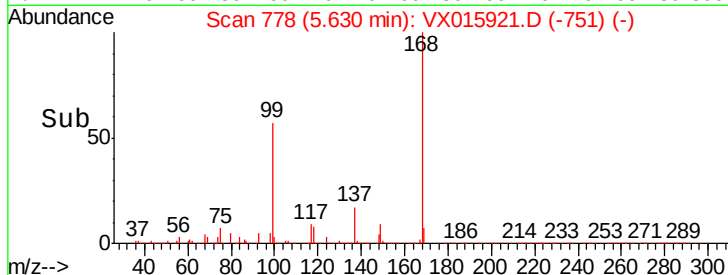
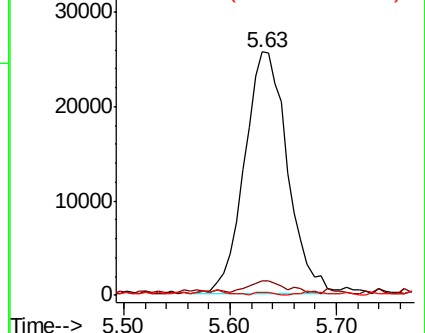
121 0.9 25.0 37.6#



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: 23.885 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

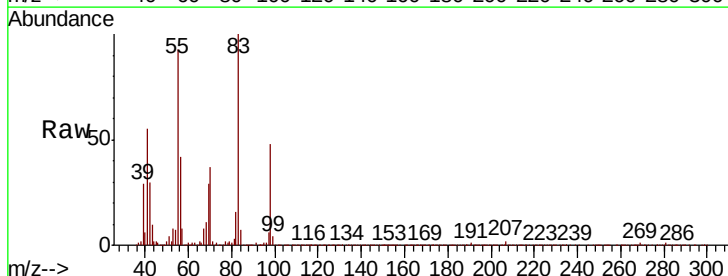
Tgt Ion: 83 Resp: 337925

Ion Ratio Lower Upper

83 100

55 92.7 64.2 96.4

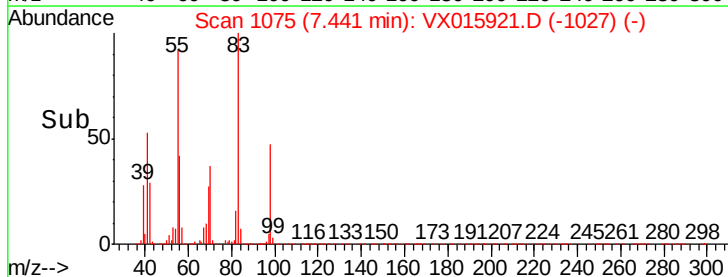
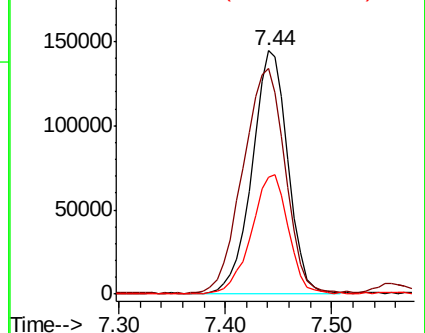
98 47.6 39.3 58.9

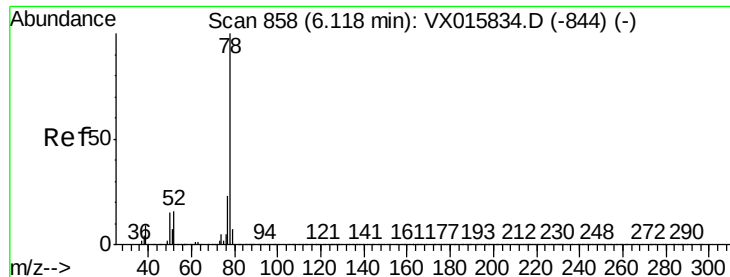


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 3.727 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

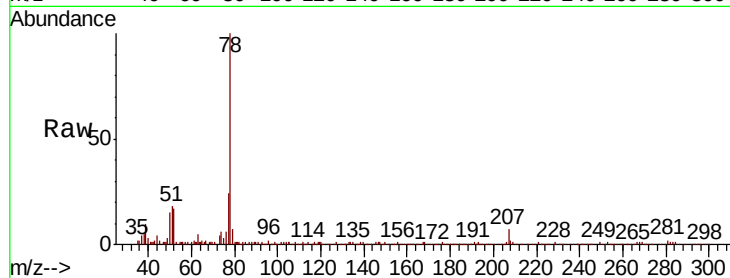
KY001MW029-200421-FD

Tot Ion: 78 Resp: 125406

Ion Ratio Lower Upper

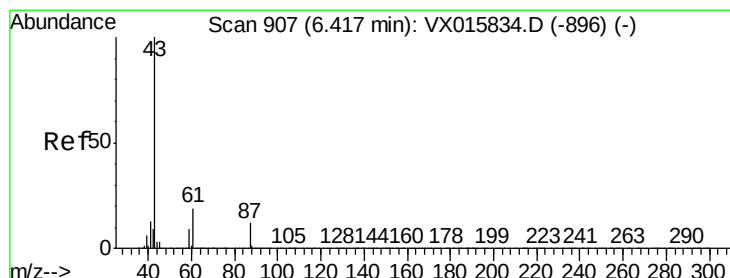
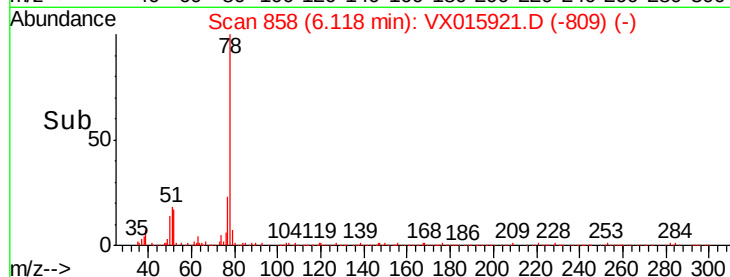
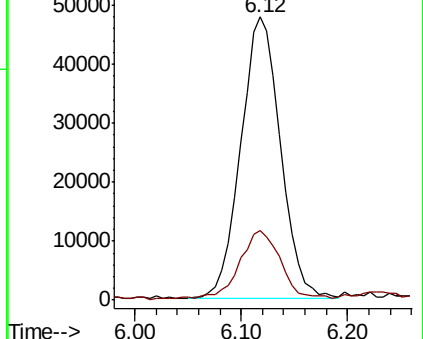
78 100

77 23.5 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.805 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

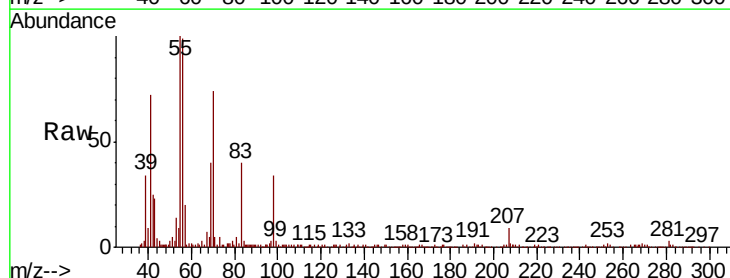
Tgt Ion: 43 Resp: 18052

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

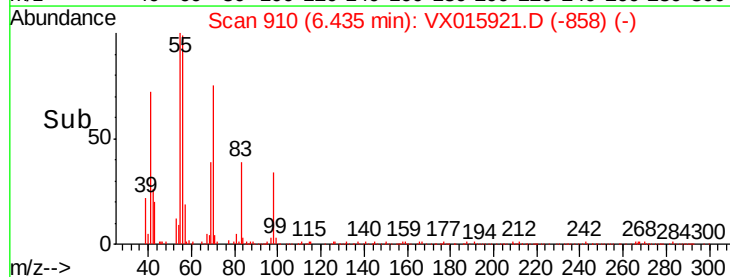
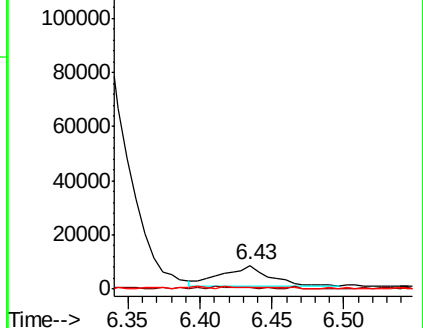
87 0.0 9.8 14.6#

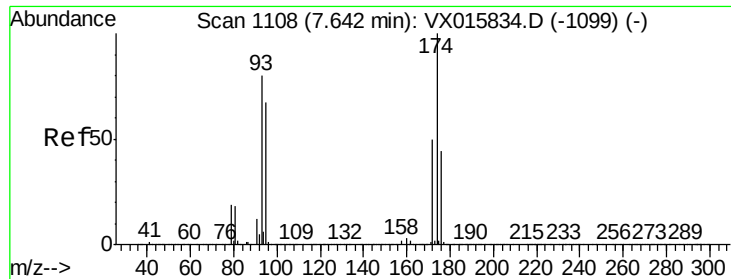


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#46

Dibromomethane

Concen: 0.251 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

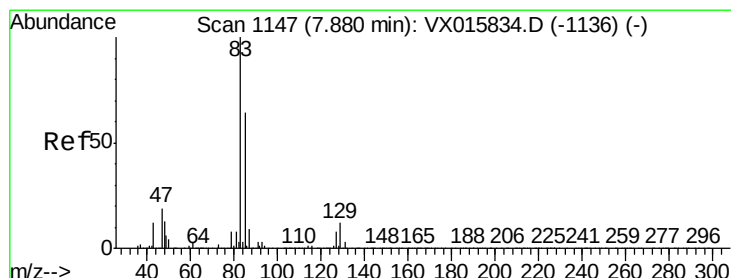
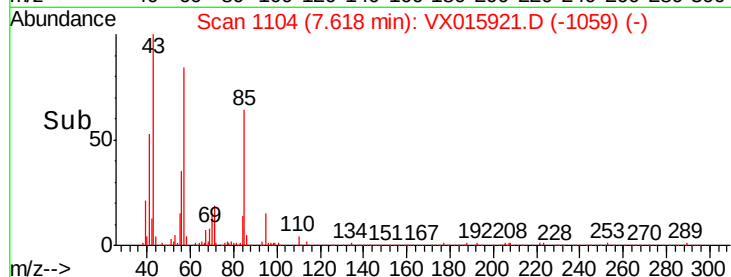
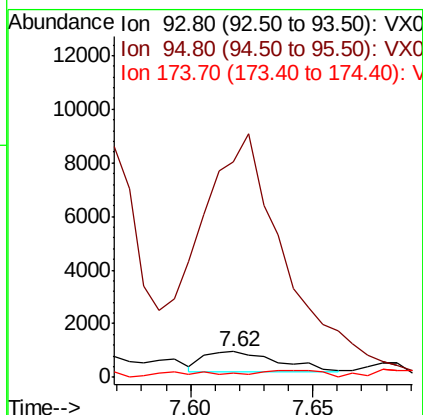
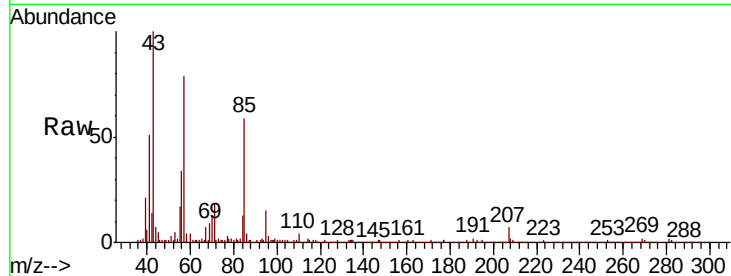
Tot Ion: 93 Resp: 1614

Ion Ratio Lower Upper

93 100

95 1369.3 65.8 98.8#

174 0.0 95.6 143.4#



#47

Bromodichloromethane

Concen: 0.629 ug/l

RT: 7.82 min Scan# 1138

Delta R.T. -0.05 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

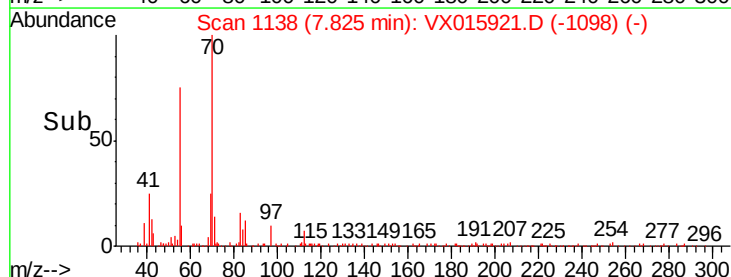
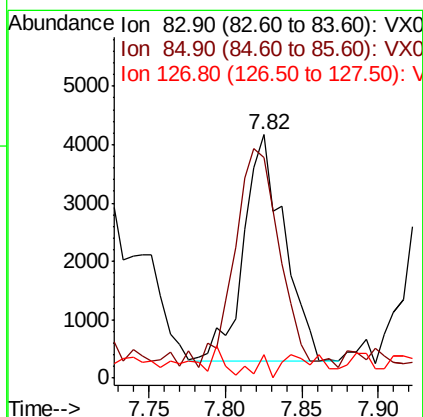
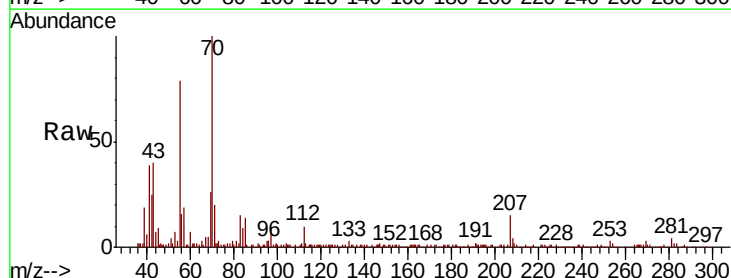
Tgt Ion: 83 Resp: 7204

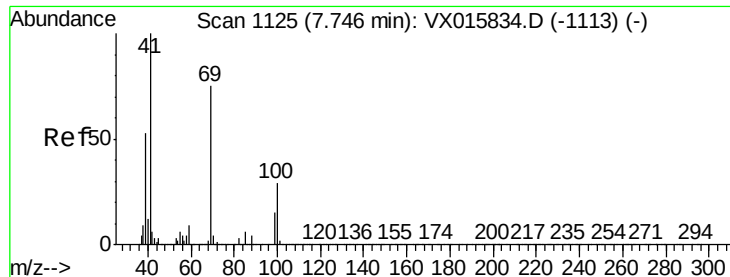
Ion Ratio Lower Upper

83 100

85 92.4 50.8 76.2#

127 6.1 6.6 10.0#

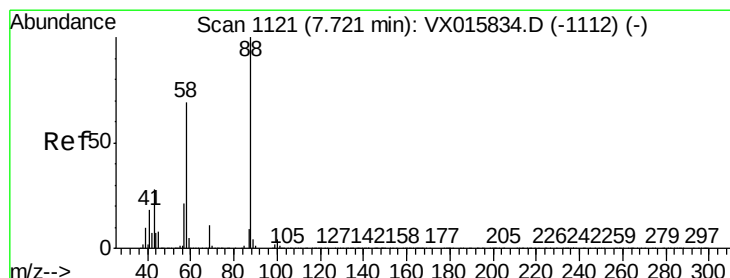
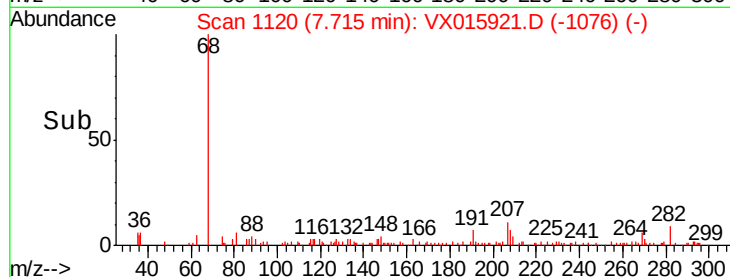
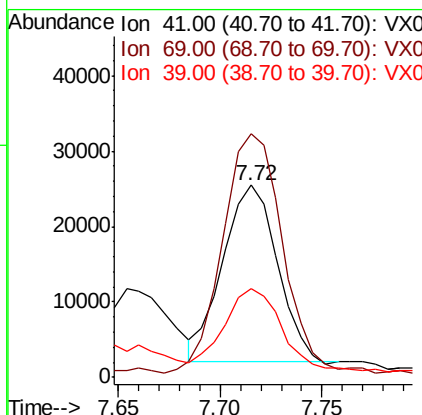
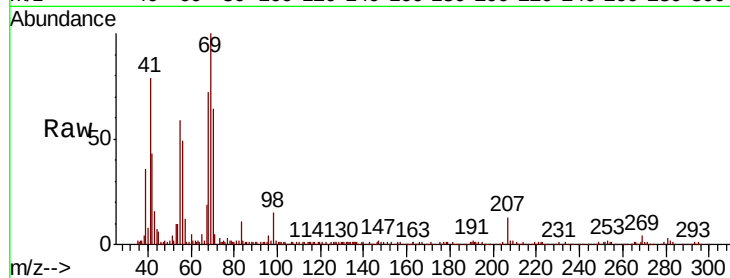




#48
Methvl methacrylate
Concen: 3.938 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.03 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

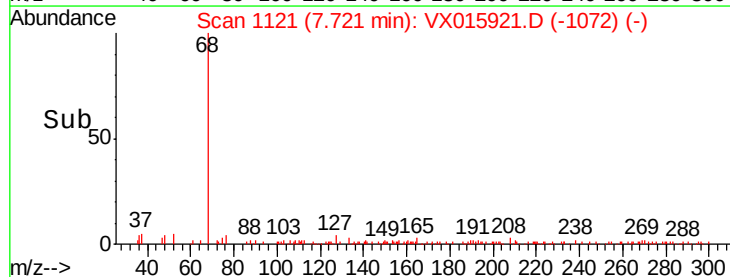
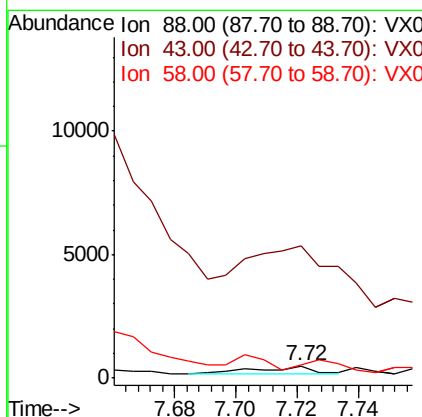
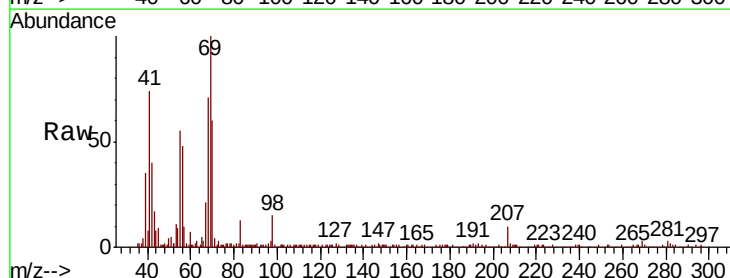
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

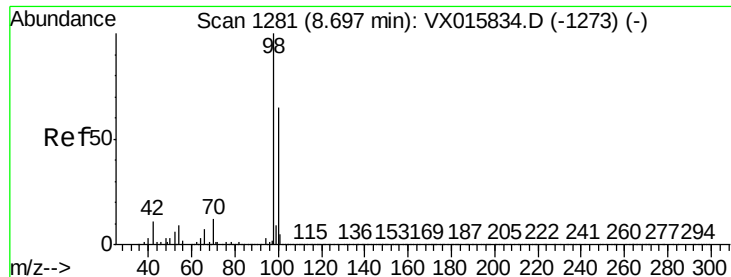
Tot Ion: 41 Resp: 43441
Ion Ratio Lower Upper
41 100
69 148.2 60.5 90.7#
39 51.5 42.1 63.1



#49
1,4-Dioxane
Concen: 2.307 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion: 88 Resp: 481
Ion Ratio Lower Upper
88 100
43 901.0 28.2 42.4#
58 99.8 58.9 88.3#

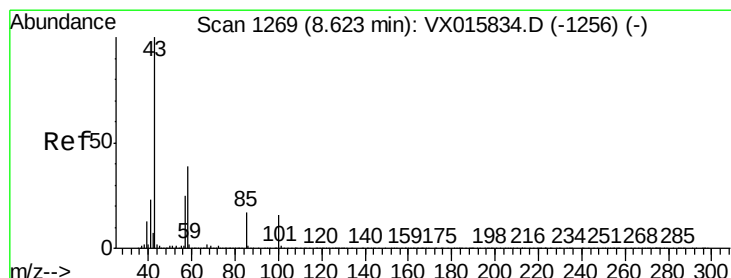
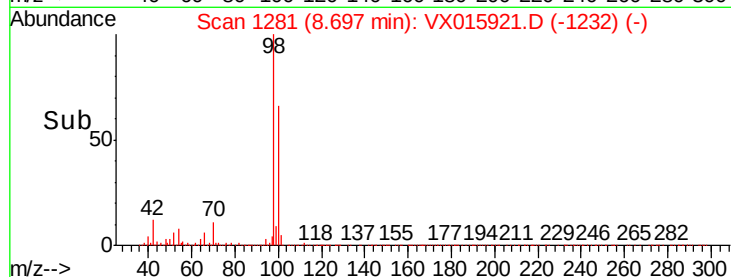
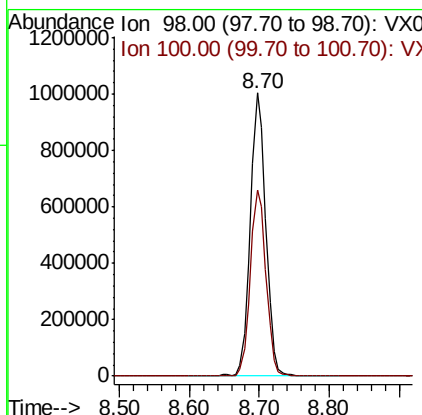
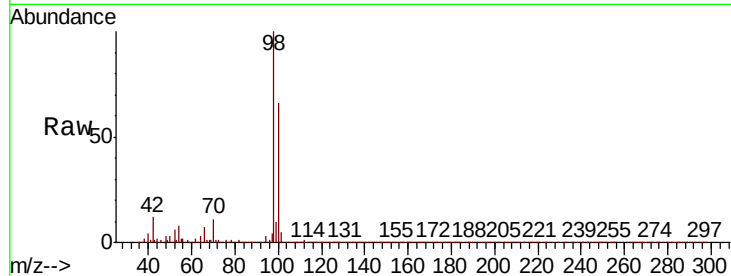




#50
Toluene-d8
Concen: 52.981 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

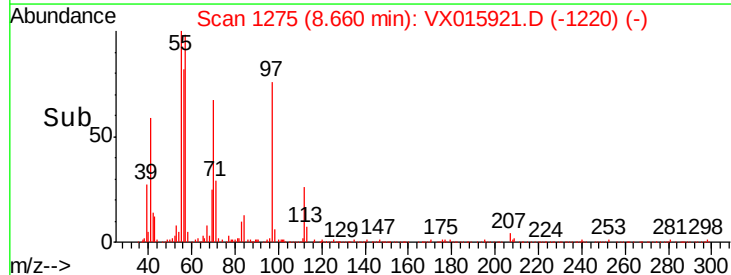
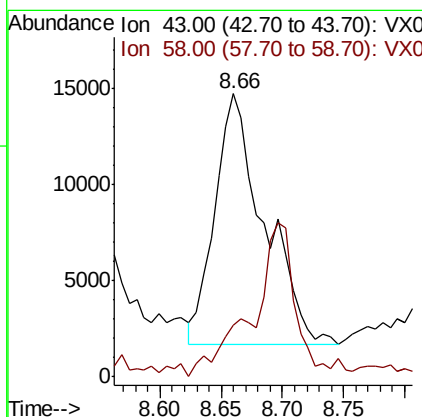
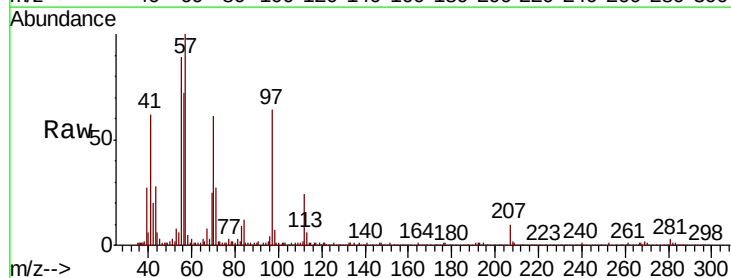
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

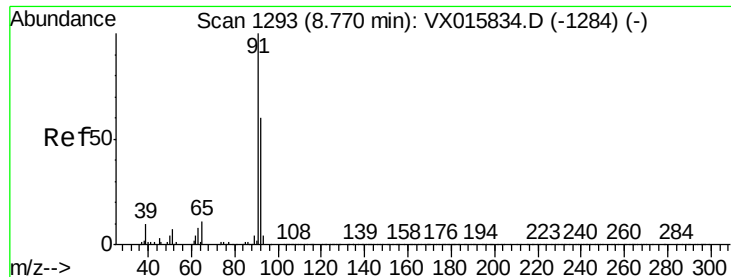
Tot Ion: 98 Resp: 1551467
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 2.836 ug/l
RT: 8.66 min Scan# 1275
Delta R.T. 0.04 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion: 43 Resp: 36713
Ion Ratio Lower Upper
43 100
58 0.0 30.6 45.8#





#52

Toluene

Concen: 0.874 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

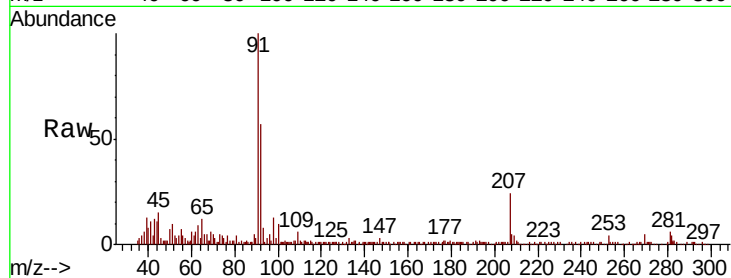
KY001MW029-200421-FD

Tot Ion: 92 Resp: 18846

Ion Ratio Lower Upper

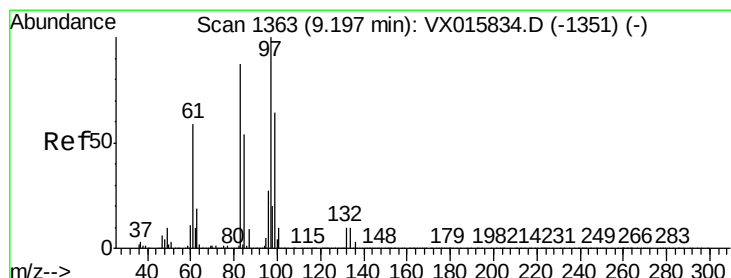
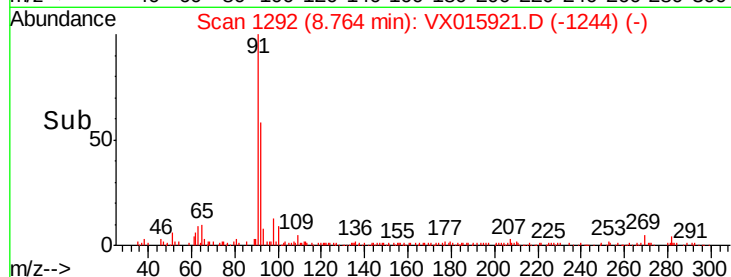
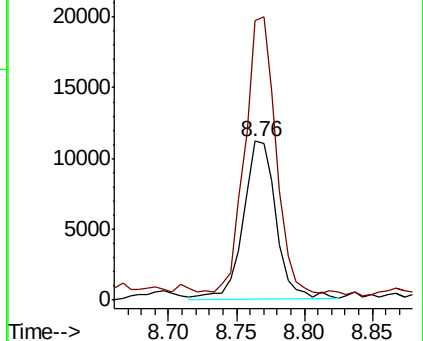
92 100

91 163.7 133.4 200.0



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: 12.877 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Tgt Ion: 97 Resp: 108451

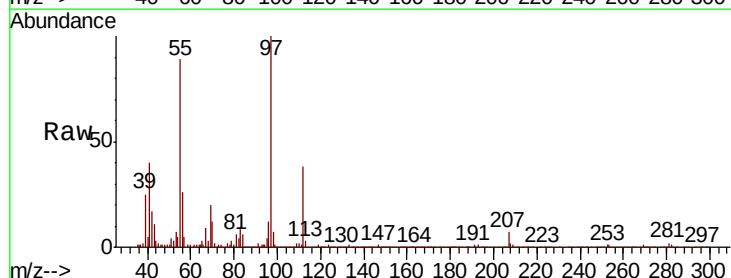
Ion Ratio Lower Upper

97 100

83 9.1 69.8 104.8#

85 0.9 43.4 65.2#

99 0.3 51.2 76.8#

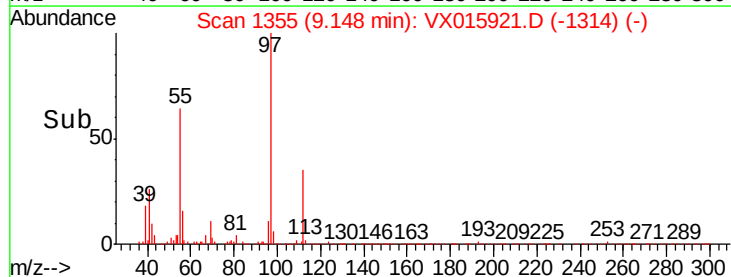
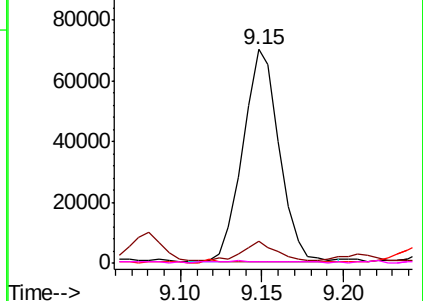


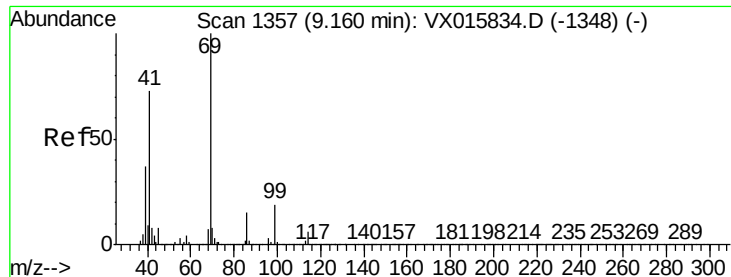
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 1.885 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

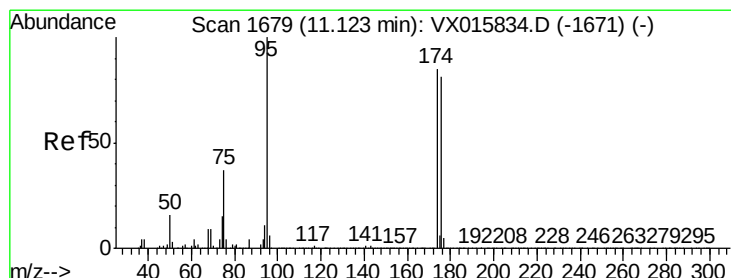
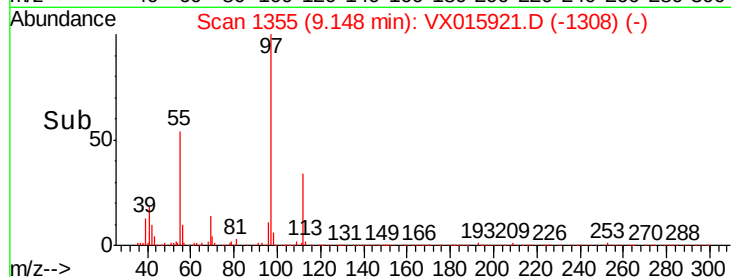
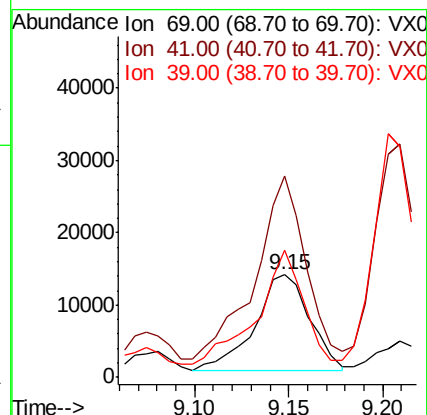
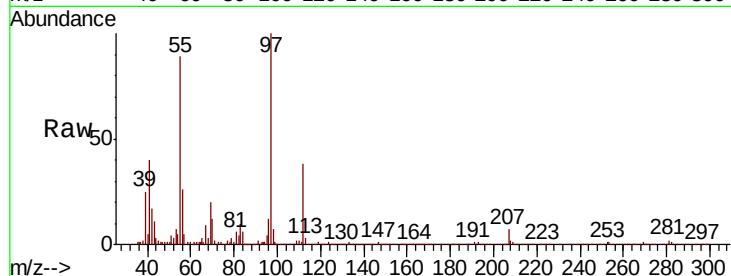
Tot Ion: 69 Resp: 26892

Ion Ratio Lower Upper

69 100

41 173.3 57.4 86.2#

39 98.6 29.7 44.5#



#62

4-Bromofluorobenzene

Concen: 54.128 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

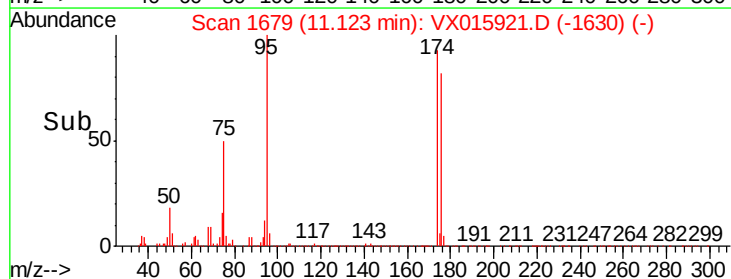
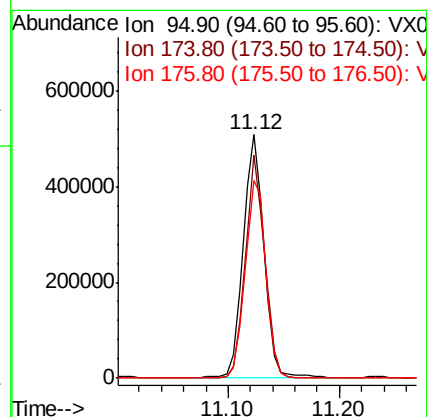
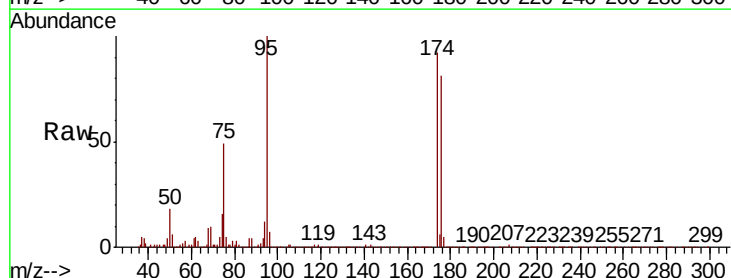
Tgt Ion: 95 Resp: 650232

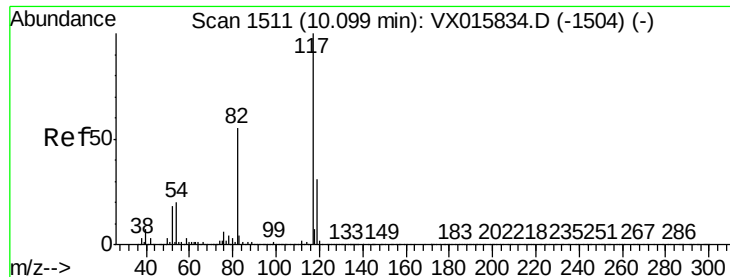
Ion Ratio Lower Upper

95 100

174 85.8 0.0 172.4

176 81.4 0.0 167.0

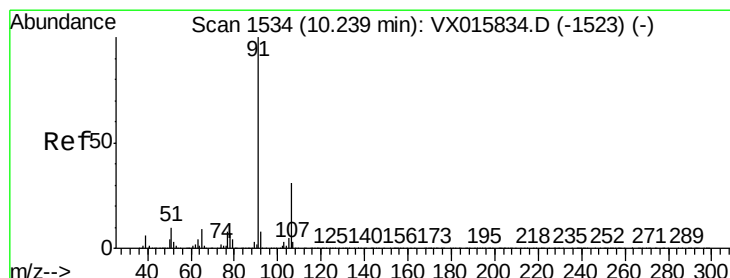
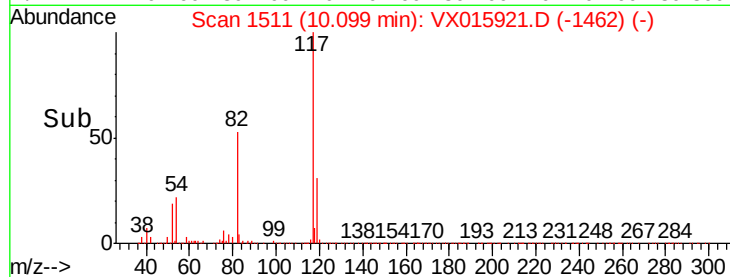
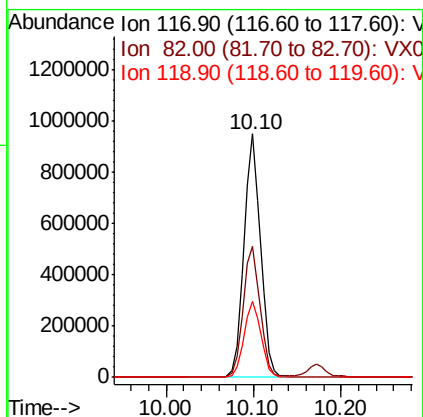
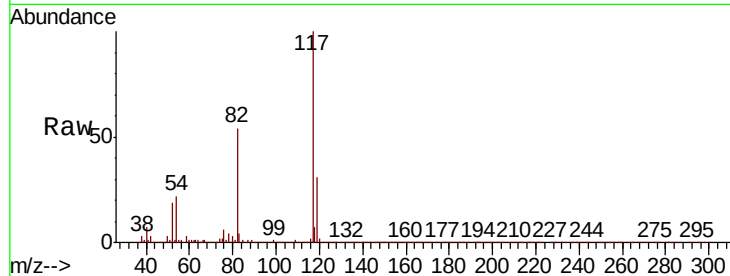




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

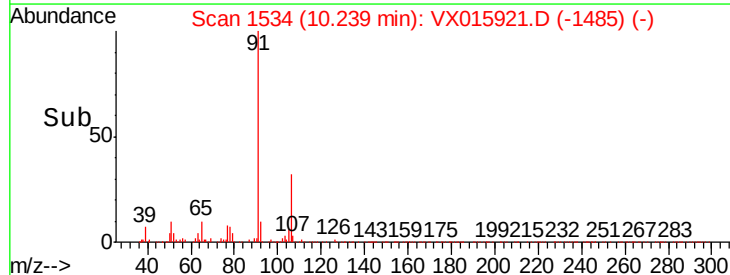
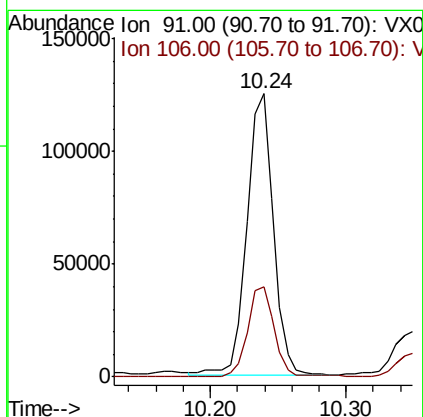
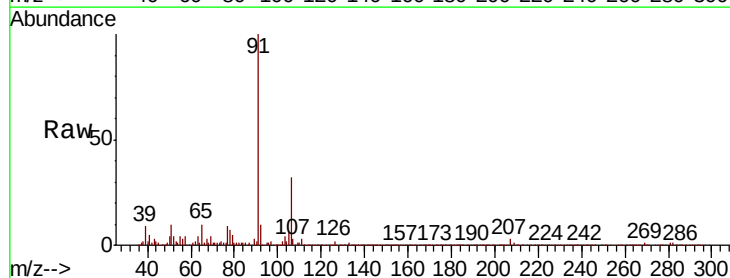
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

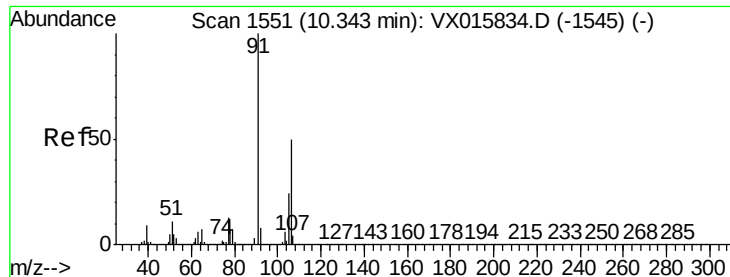
Tot Ion:117 Resp: 1253542
Ion Ratio Lower Upper
117 100
82 53.7 43.9 65.9
119 31.0 25.1 37.7



#67
Ethyl Benzene
Concen: 3.866 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion: 91 Resp: 170166
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4





#68

m/p-Xylenes

Concen: 0.817 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

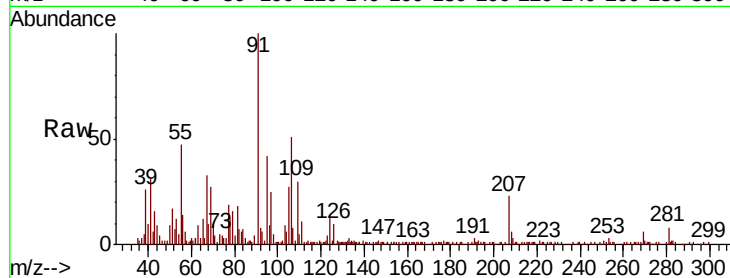
KY001MW029-200421-FD

Tot Ion:106 Resp: 13503

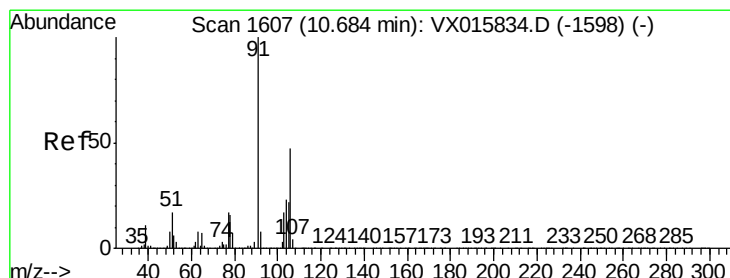
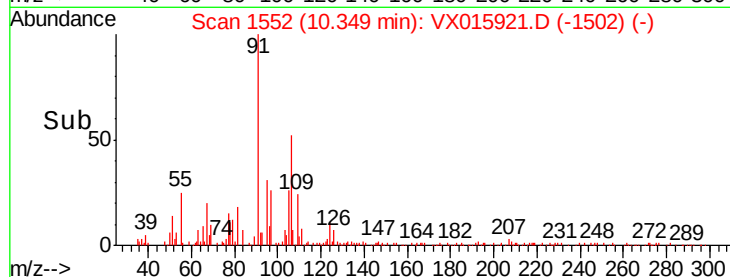
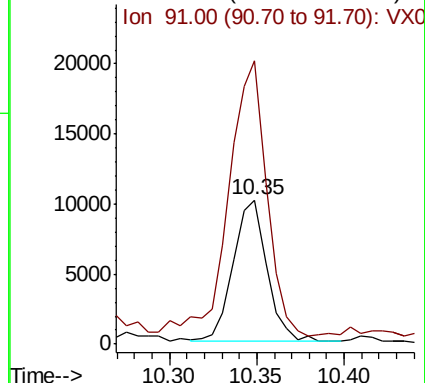
Ion Ratio Lower Upper

106 100

91 217.4 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 0.945 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015921.D

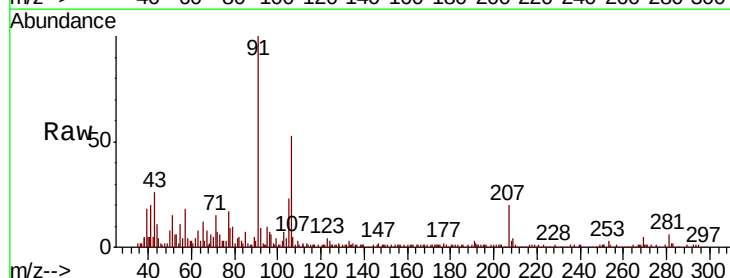
Acq: 24 Apr 2020 03:35

Tgt Ion:106 Resp: 15365

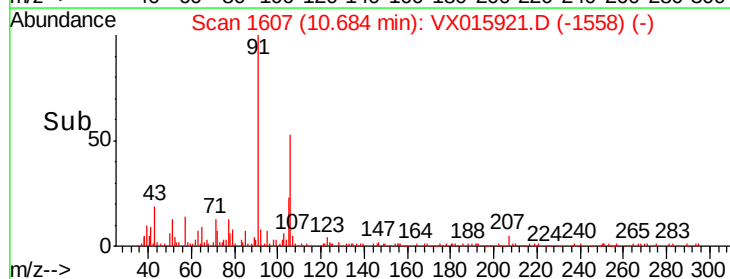
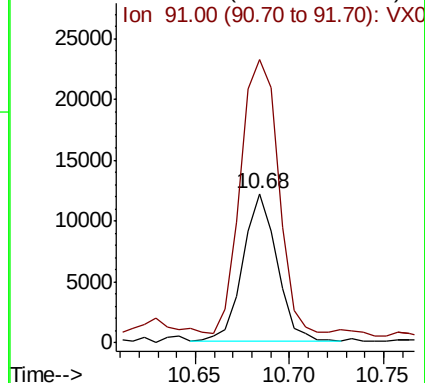
Ion Ratio Lower Upper

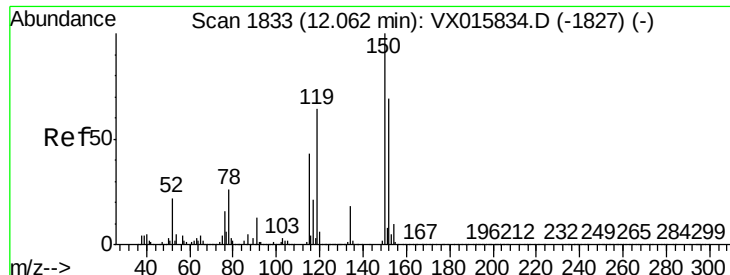
106 100

91 202.0 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

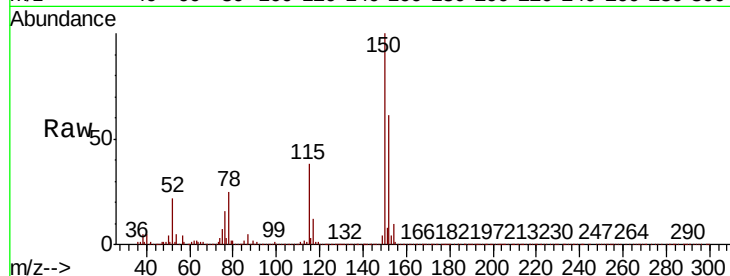




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	39.0	116.9
150	160.0	0.0	336.8

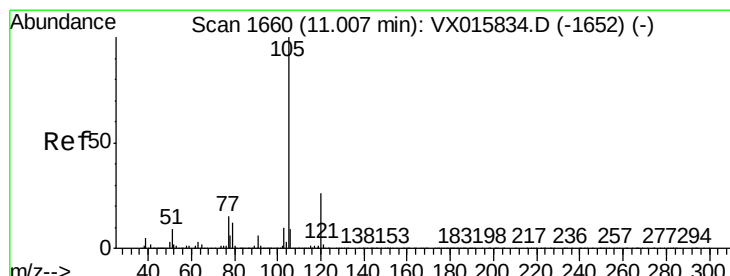
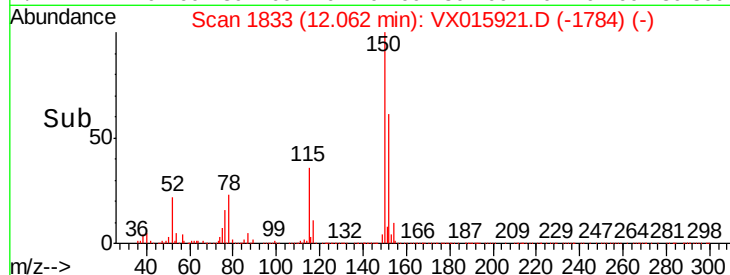
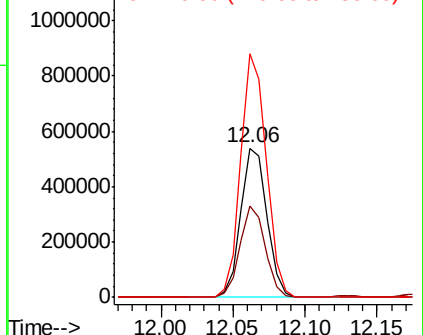


Abundance

Ion 151.90 (151.60 to 152.60): V

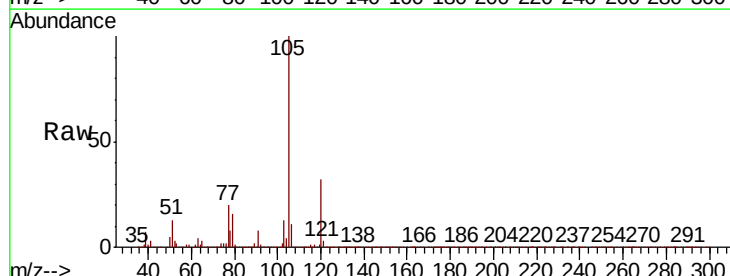
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73
Isopropylbenzene
Concen: 291.753 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

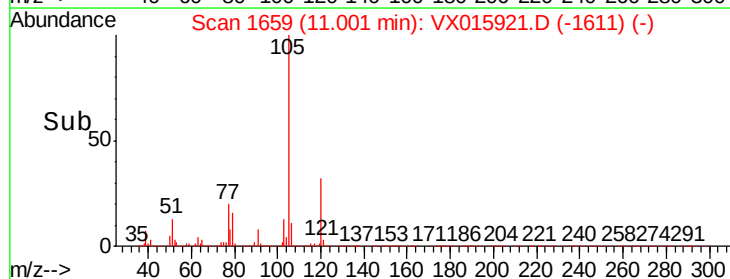
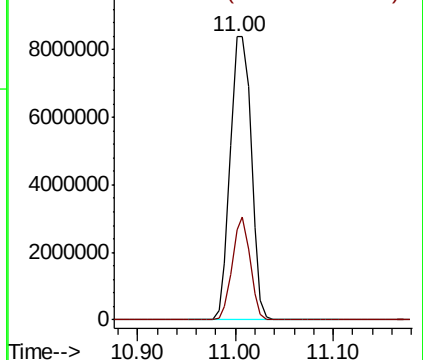
Tgt Ion	Ratio	Lower	Upper
105	100		
120	31.0	13.1	39.1

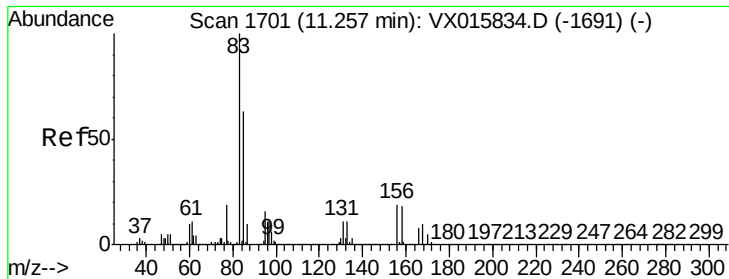


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.203 ug/l

RT: 11.47 min Scan# 1736

Delta R.T. 0.21 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

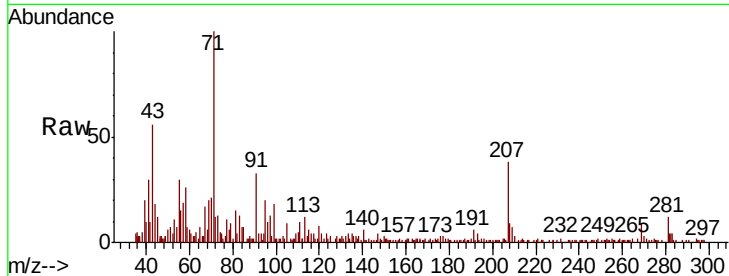
Tot Ion: 83 Resp: 1858

Ion Ratio Lower Upper

83 100

131 6.0 5.5 16.4

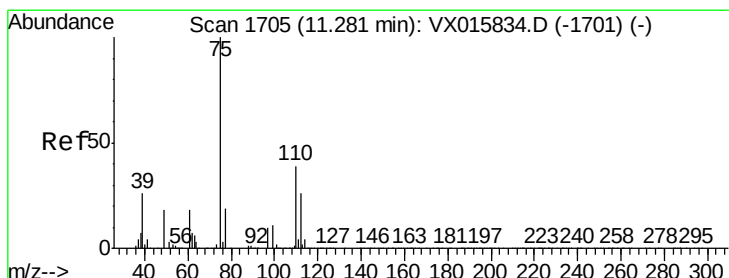
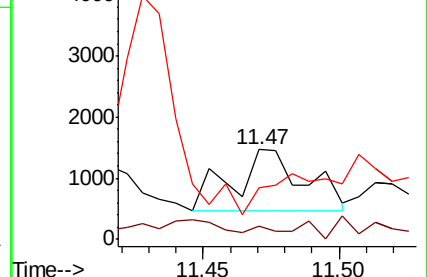
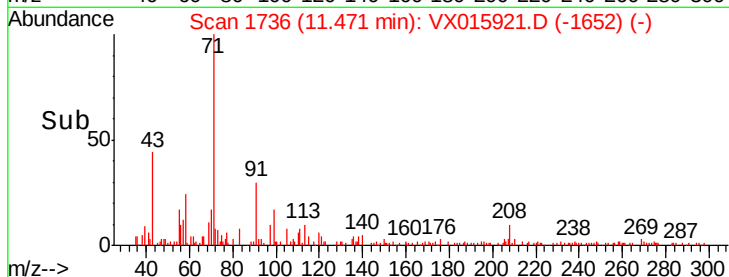
85 42.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 7.666 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.07 min

Lab File: VX015921.D

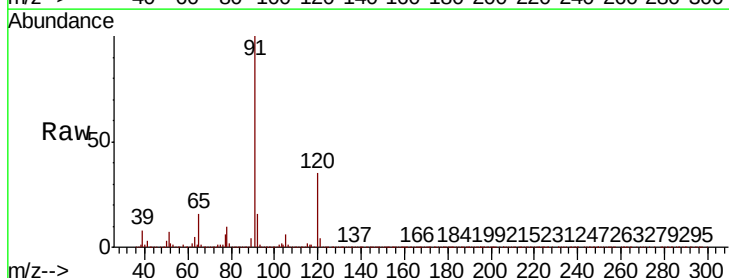
Acq: 24 Apr 2020 03:35

Tgt Ion: 75 Resp: 99050

Ion Ratio Lower Upper

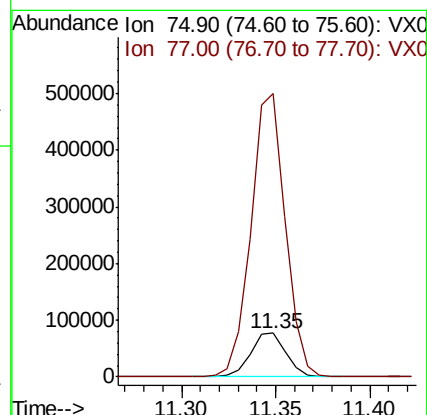
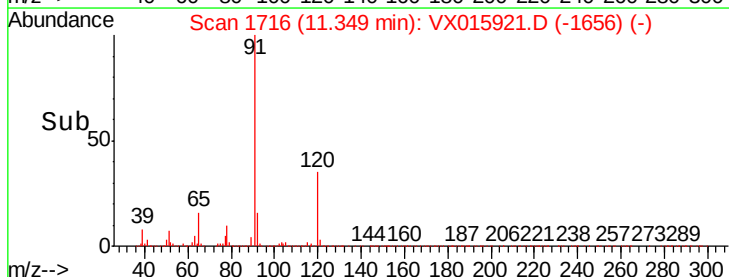
75 100

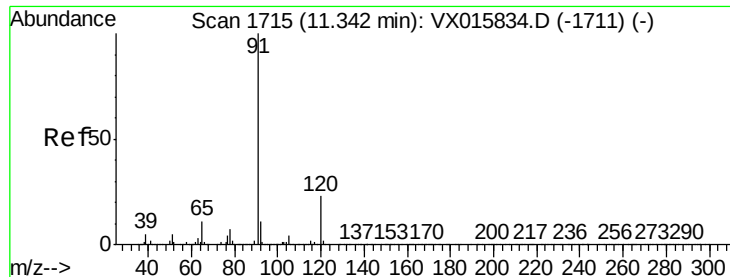
77 634.4 21.3 63.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 258.752 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

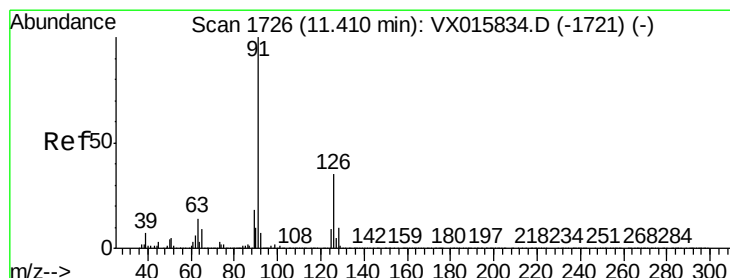
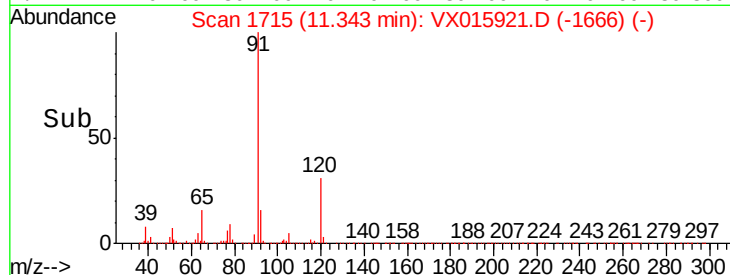
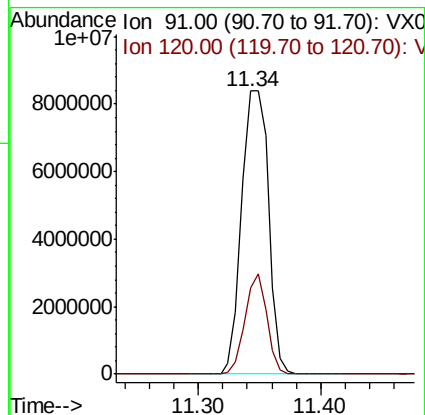
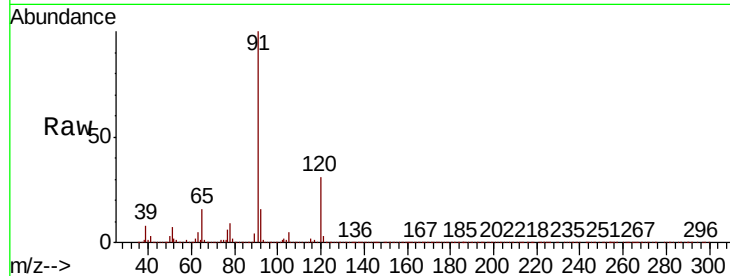
KY001MW029-200421-FD

Tot Ion: 91 Resp:12791479

Ion Ratio Lower Upper

91 100

120 28.8 11.7 35.1



#79

2-Chlorotoluene

Concen: 430.762 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015921.D

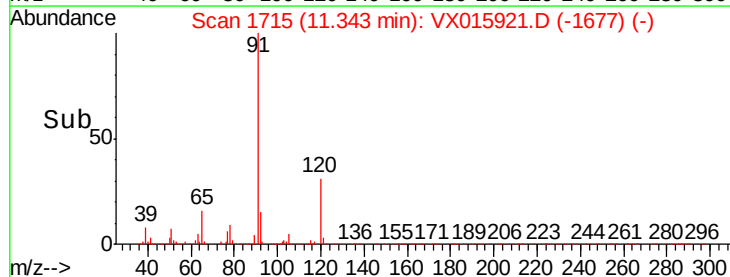
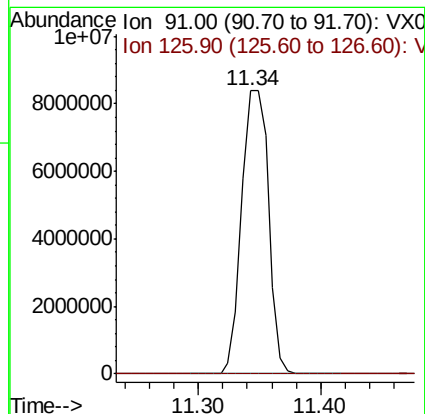
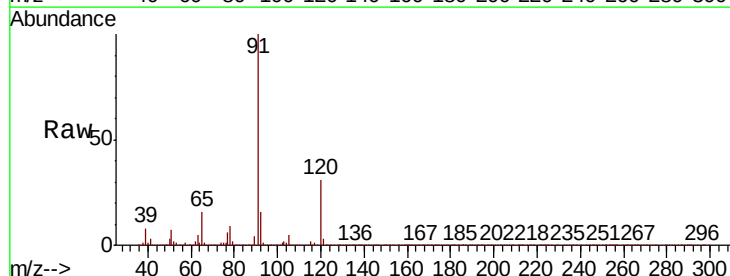
Acq: 24 Apr 2020 03:35

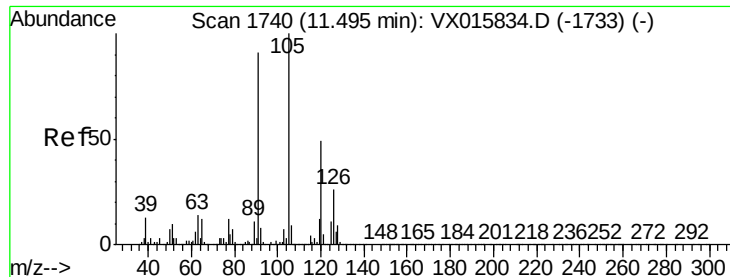
Tgt Ion: 91 Resp:12791479

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#

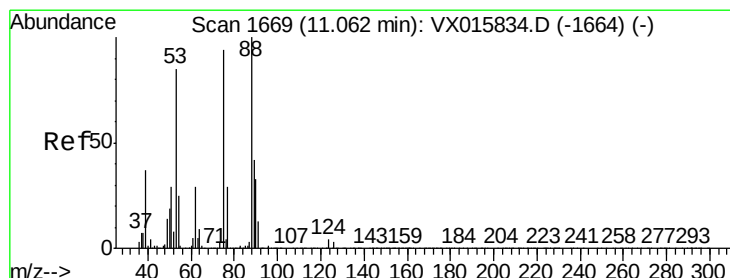
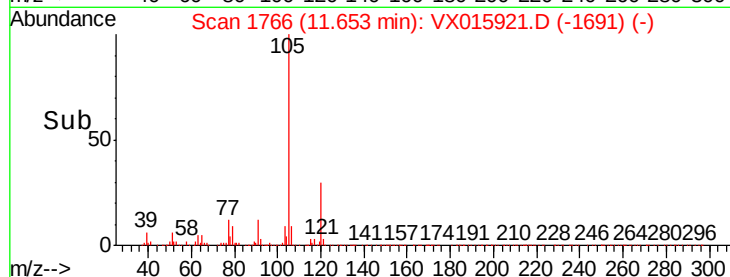
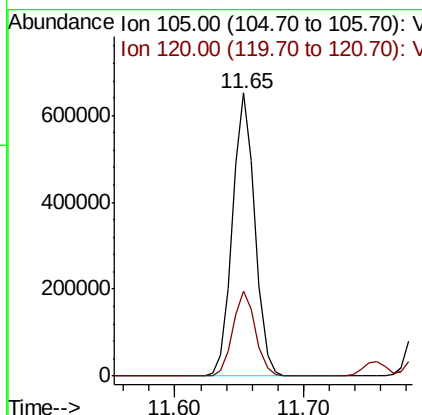
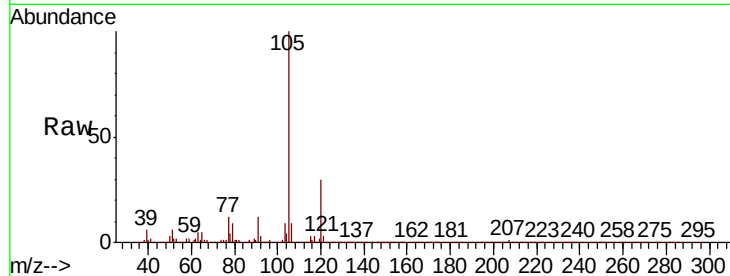




#80
 1,3,5-Trimethylbenzene
 Concen: 21.480 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. 0.16 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

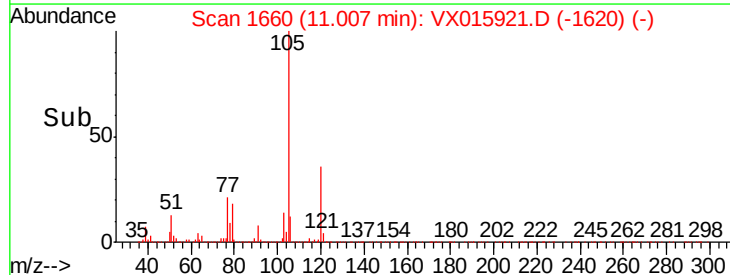
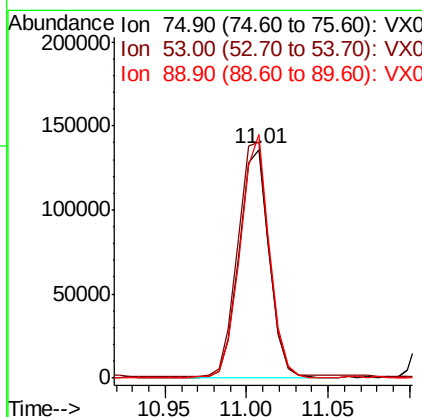
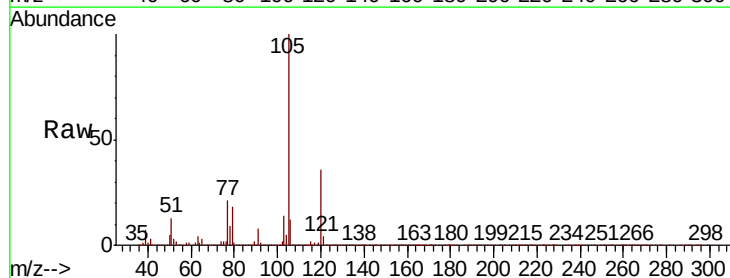
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW029-200421-FD

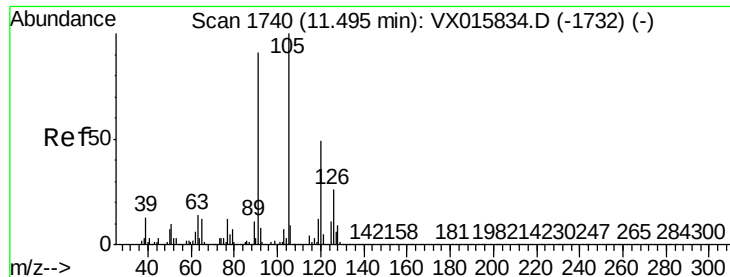
Tot Ion:105 Resp: 790386
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 32.387 ug/l
 RT: 11.01 min Scan# 1660
 Delta R.T. -0.05 min
 Lab File: VX015921.D
 Acq: 24 Apr 2020 03:35

Tgt Ion: 75 Resp: 173965
 Ion Ratio Lower Upper
 75 100
 53 106.4 74.2 111.2
 89 102.8 38.0 57.0#

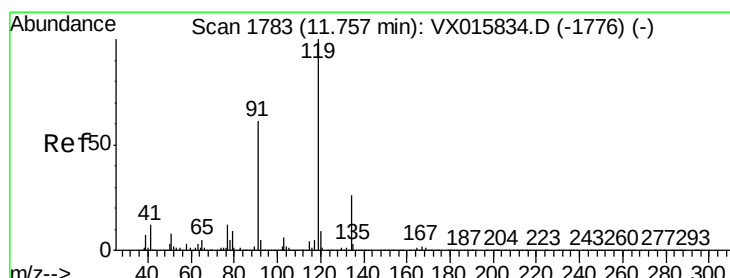
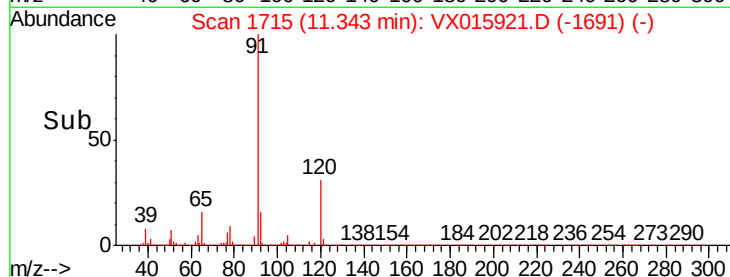
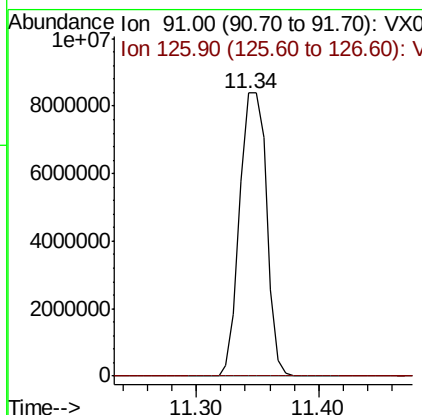
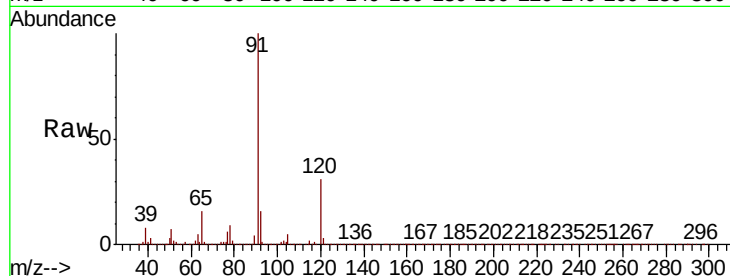




#82
4-Chlorotoluene
Concen: 362.503 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.15 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

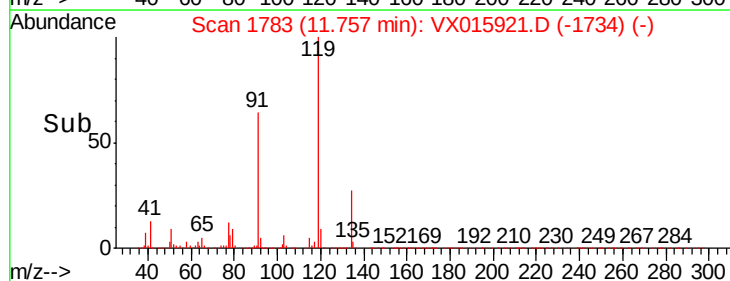
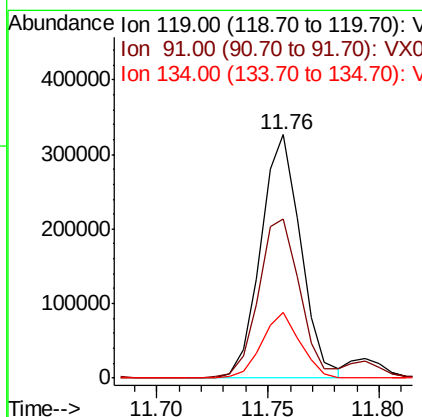
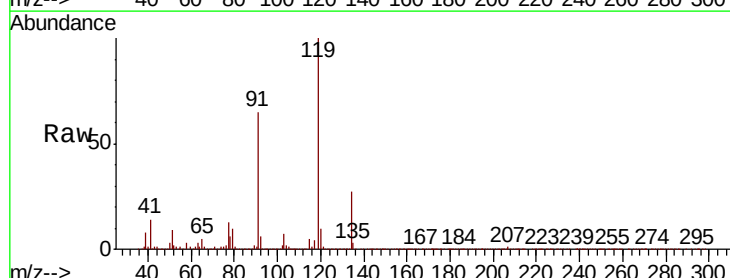
Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

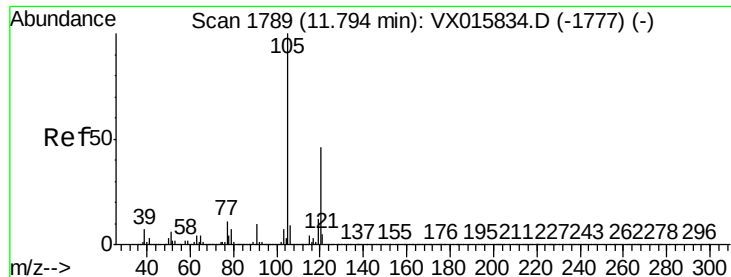
Tot Ion: 91 Resp: 12791479
Ion Ratio Lower Upper
91 100
126 0.0 15.0 45.0#



#83
tert-Butylbenzene
Concen: 12.456 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Tgt Ion: 119 Resp: 406574
Ion Ratio Lower Upper
119 100
91 67.8 30.9 92.7
134 25.8 12.4 37.2





#84

1,2,4-Trimethylbenzene

Concen: 6.847 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

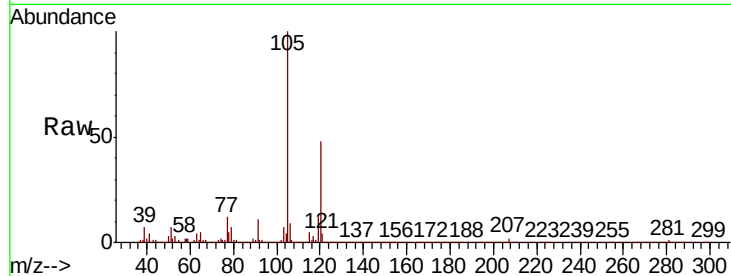
KY001MW029-200421-FD

Tot Ion:105 Resp: 261570

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

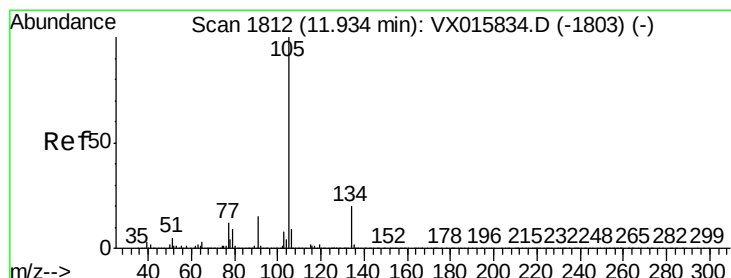
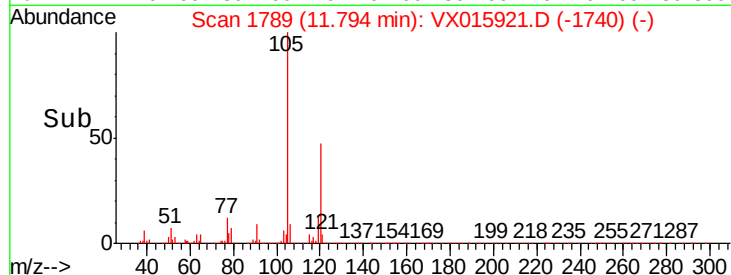
50000

0

11.70

11.80

Time-->



#85

sec-Butylbenzene

Concen: 29.002 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015921.D

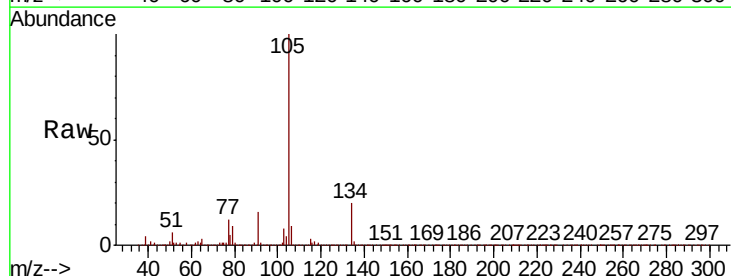
Acq: 24 Apr 2020 03:35

Tgt Ion:105 Resp: 1247886

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

400000

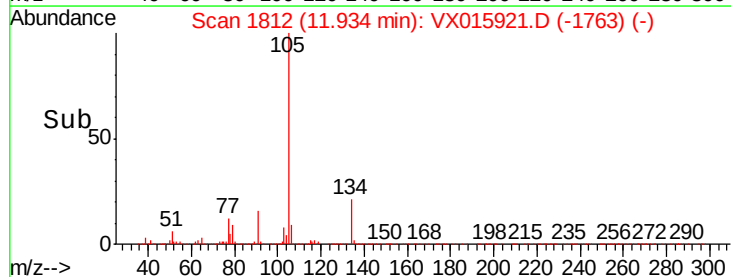
200000

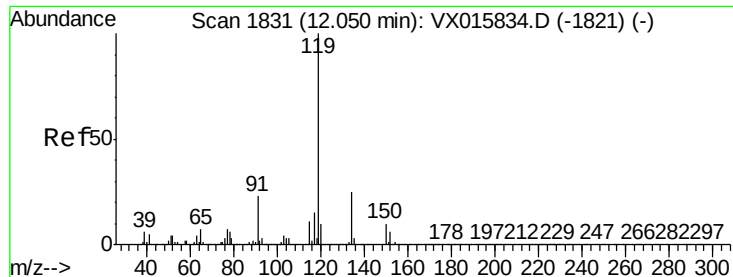
0

11.90

12.00

Time-->





#86

p-Isopropyltoluene

Concen: 40.486 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

KY001MW029-200421-FD

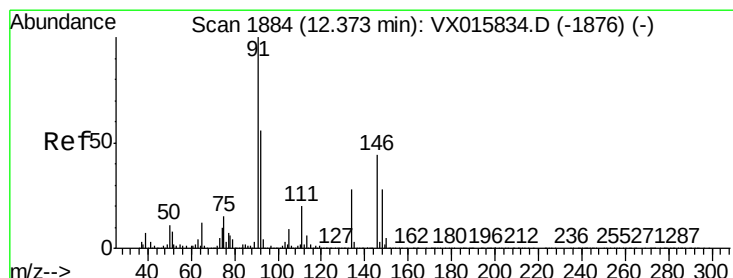
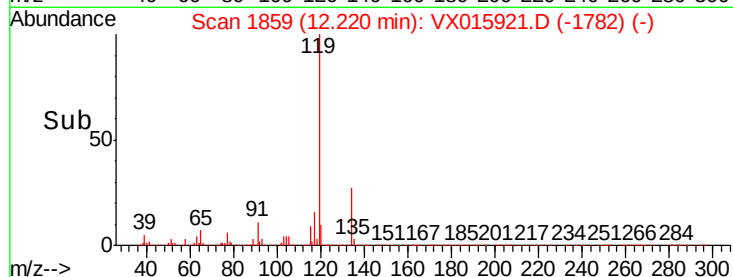
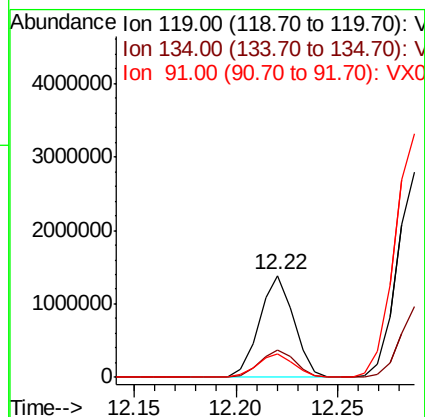
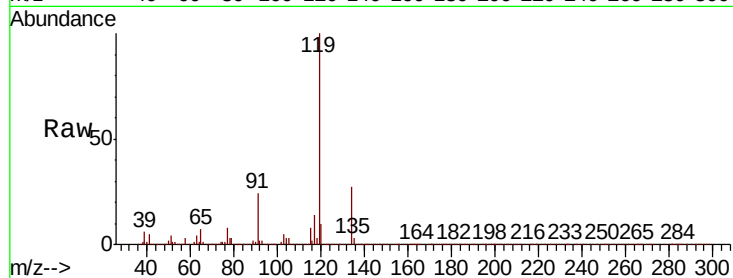
Tot Ion:119 Resp: 1628891

Ion Ratio Lower Upper

119 100

134 27.5 13.0 38.9

91 24.3 11.5 34.5



#89

n-Butylbenzene

Concen: 35.014 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

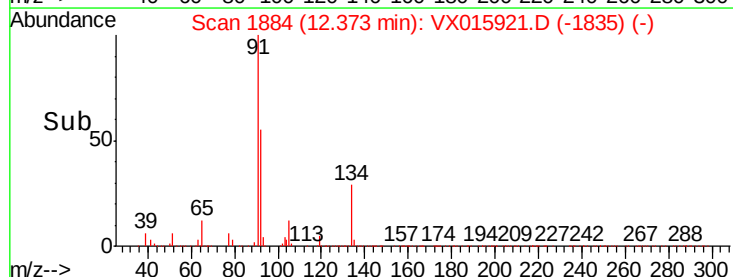
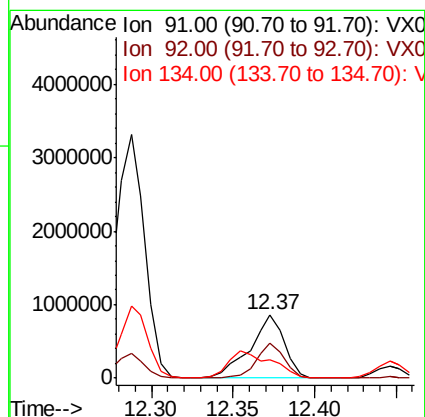
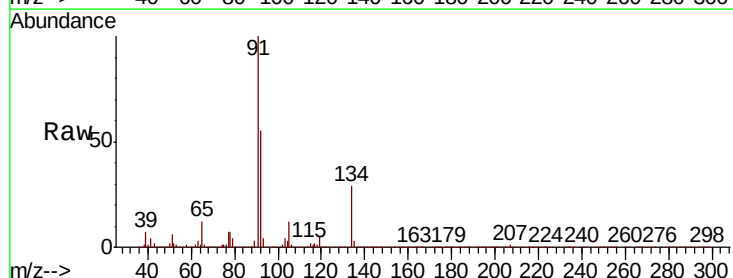
Tgt Ion: 91 Resp: 1259532

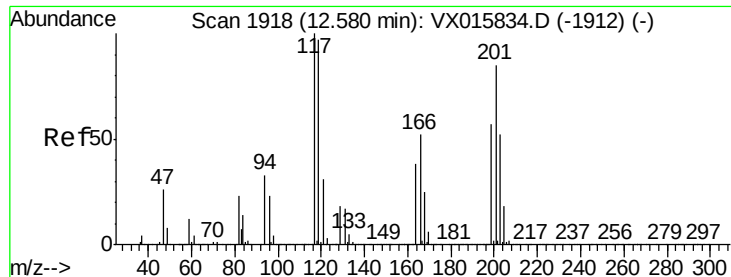
Ion Ratio Lower Upper

91 100

92 45.0 27.7 83.1

134 53.3 14.1 42.4#





#90

Hexachloroethane

Concen: 115.637 ug/l

RT: 12.65 min Scan# 1930

Delta R.T. 0.07 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

Instrument :

MSVOA_X

ClientSampleId :

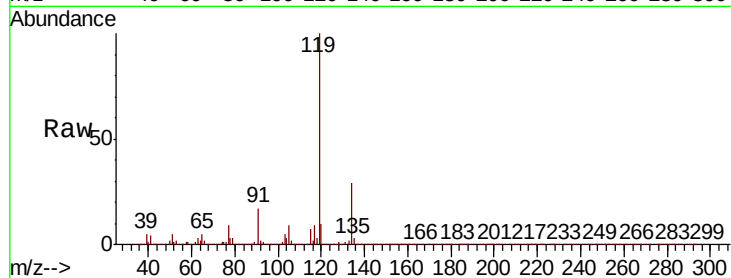
KY001MW029-200421-FD

Tot Ion:117 Resp: 491492

Ion Ratio Lower Upper

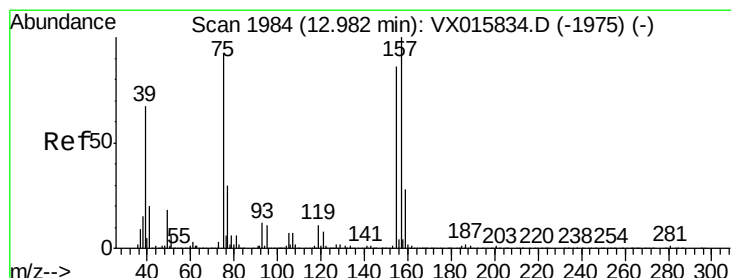
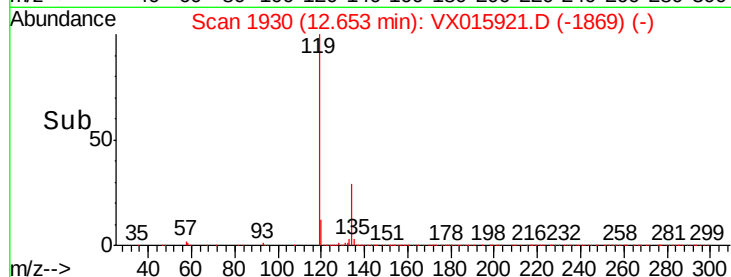
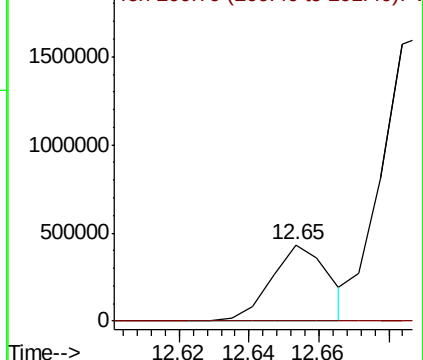
117 100

201 0.0 45.6 136.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.250 ug/l

RT: 12.96 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VX015921.D

Acq: 24 Apr 2020 03:35

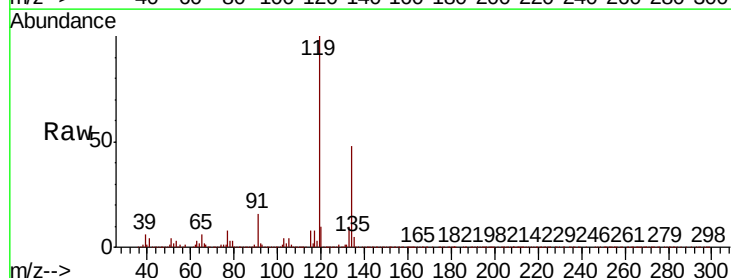
Tgt Ion: 75 Resp: 44012

Ion Ratio Lower Upper

75 100

155 0.0 48.1 144.4#

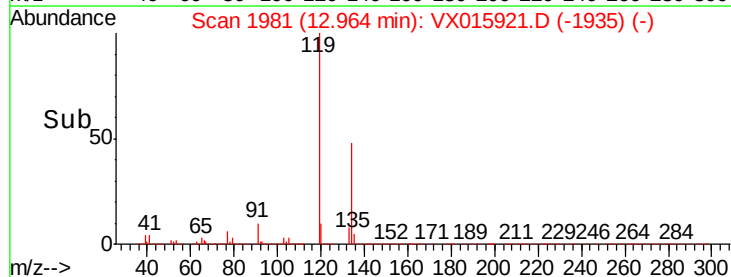
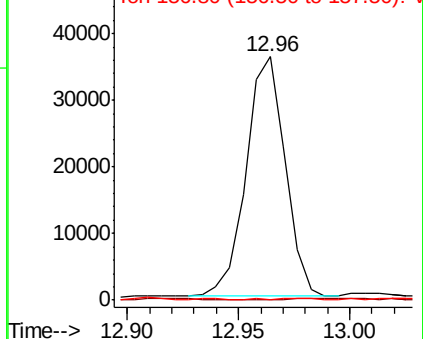
157 0.4 58.9 176.7#

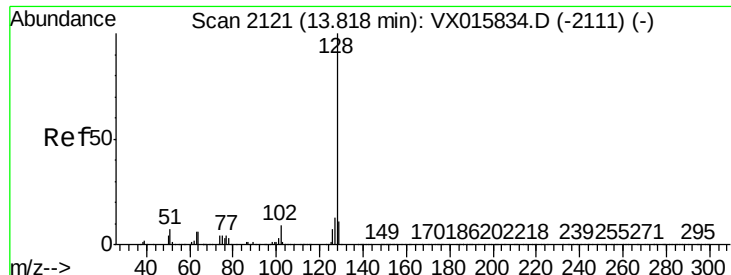


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 2.537 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015921.D
Acq: 24 Apr 2020 03:35

Instrument :
MSVOA_X
ClientSampleId :
KY001MW029-200421-FD

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.5	15.7
129	0.0	8.5	12.7#

