

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015863.D
 Acq On : 23 Apr 2020 00:56
 Operator : JC/SP
 Sample : L2380-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW091-200421

Quant Time: Apr 23 05:00:52 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	910219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1405550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1385923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	743208	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	507798	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	5.47	113	416061	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
50) Toluene-d8	8.70	98	1693562	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.12	95	714251	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2564	0.321	ug/l	94
11) Tert butyl alcohol	3.01	59	303250	143.368	ug/l	100
13) Acrolein	2.28	56	1419	1.134	ug/l #	15
14) Allyl chloride	2.83	41	87091	5.141	ug/l #	68
15) Acrylonitrile	3.17	53	24527	4.996	ug/l #	32
16) Acetone	2.42	43	8316	1.845	ug/l	91
17) Carbon Disulfide	2.55	76	24404	0.843	ug/l	95
18) Methyl Acetate	2.83	43	228021	15.323	ug/l #	54
19) Methyl tert-butyl Ether	3.17	73	1402899	49.846	ug/l #	69
25) 2-Butanone	4.64	43	2973	0.417	ug/l #	89
29) Tetrahydrofuran	5.10	42	20639	4.380	ug/l #	74
30) Chloroform	5.25	83	26321	1.644	ug/l #	50
31) Cyclohexane	5.56	56	126175	8.342	ug/l #	90
36) 1,1-Dichloropropene	5.64	75	58363	4.684	ug/l #	51
38) Carbon Tetrachloride	5.64	117	81952	6.677	ug/l #	17
39) Methylcyclohexane	7.43	83	319324	20.237	ug/l #	52
40) Benzene	6.12	78	28019	0.747	ug/l	91
42) 1,2-Dichloroethane	6.17	62	2851	0.211	ug/l #	1
43) Isopropyl Acetate	6.43	43	47130	1.884	ug/l #	76
46) Dibromomethane	7.62	93	3001	0.418	ug/l #	1
47) Bromodichloromethane	7.83	83	21261	1.665	ug/l #	65
48) Methyl methacrylate	7.71	41	35417	2.878	ug/l #	51
49) 1,4-Dioxane	7.72	88	198	0.851	ug/l #	21
51) 4-Methyl-2-Pentanone	8.66	43	76938	5.329	ug/l #	61
52) Toluene	8.76	92	9845	0.409	ug/l	84
55) 1,1,2-Trichloroethane	9.15	97	272601	29.021	ug/l #	18
56) Ethyl methacrylate	9.15	69	67473	4.241	ug/l #	1
59) 2-Hexanone	9.60	43	71752	6.523	ug/l	63
67) Ethyl Benzene	10.24	91	50102	1.029	ug/l	95
68) m/p-Xylenes	10.35	106	33217	1.818	ug/l	99
69) o-Xylene	10.68	106	9964	0.554	ug/l	92
73) Isopropylbenzene	11.00	105	4372928	92.645	ug/l	99
74) N-amyl acetate	10.89	43	12690	0.521	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.48	83	3798	0.380	ug/l	96

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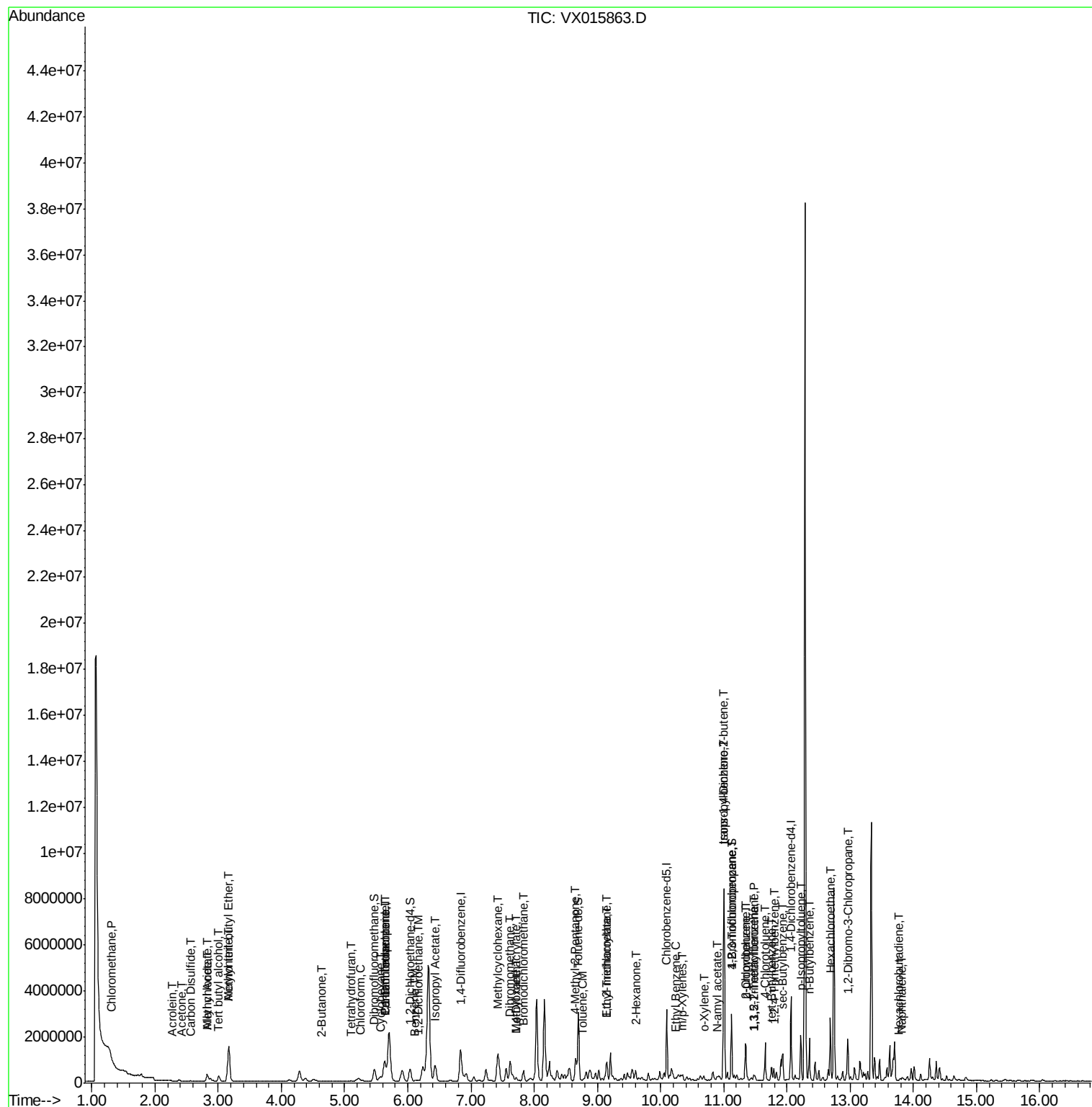
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.12	75	344490	24.375	ug/l #	33
78) n-propylbenzene	11.34	91	960462	17.763	ug/l	100
79) 2-Chlorotoluene	11.34	91	960462	29.571	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	45895	1.140	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.00	75	51049	8.689	ug/l #	44
82) 4-Chlorotoluene	11.65	91	90160	2.336	ug/l #	50
83) tert-Butylbenzene	11.76	119	223779	6.268	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	222774	5.331	ug/l	99
85) sec-Butylbenzene	11.93	105	566457	12.036	ug/l	93
86) p-Isopropyltoluene	12.22	119	873615	19.852	ug/l	98
89) n-Butylbenzene	12.35	91	173705	4.415	ug/l #	1
90) Hexachloroethane	12.68	117	970873	208.840	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	6278	2.119	ug/l #	4
94) Hexachlorobutadiene	13.77	225	1964	0.248	ug/l	98
95) Naphthalene	13.82	128	83409	1.639	ug/l #	90

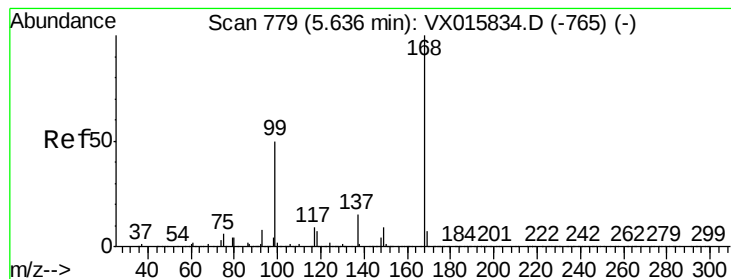
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

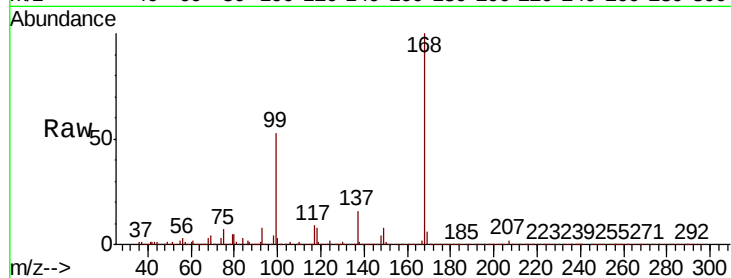
KY001IW091-200421

Tot Ion:168 Resp: 910219

Ion Ratio Lower Upper

168 100

99 52.6 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

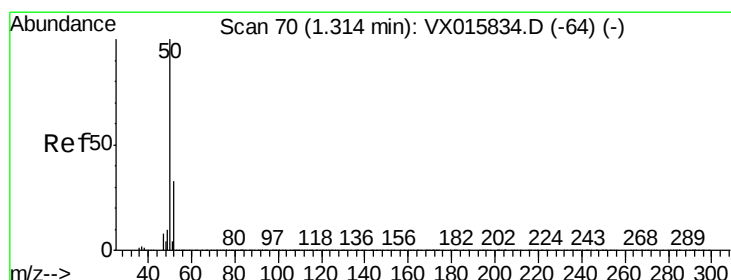
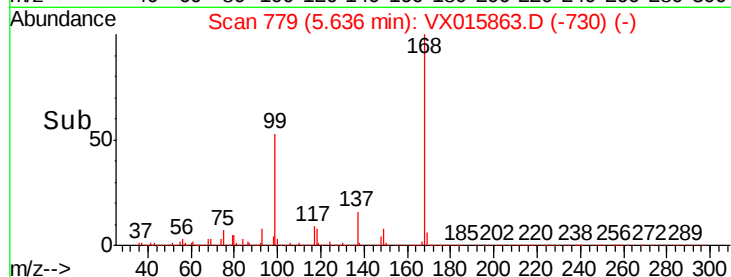
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.321 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015863.D

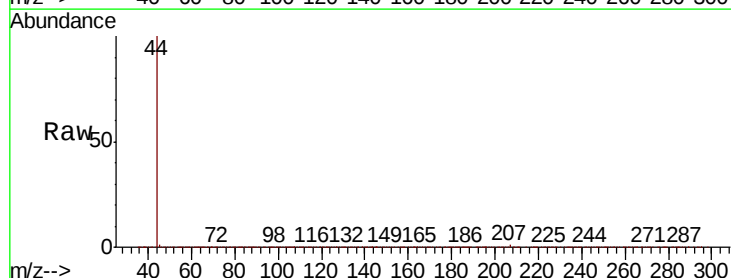
Acq: 23 Apr 2020 00:56

Tgt Ion: 50 Resp: 2564

Ion Ratio Lower Upper

50 100

52 36.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

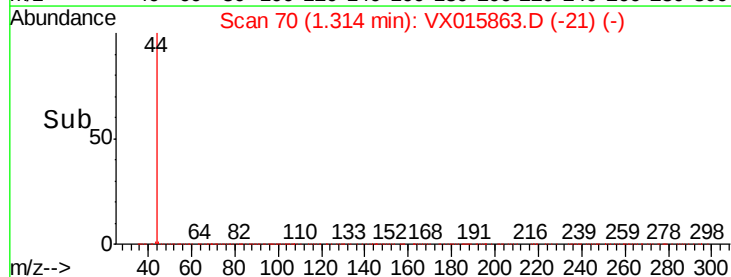
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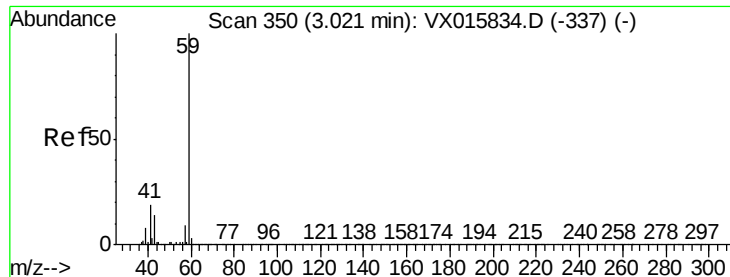
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1000

0

Time-->



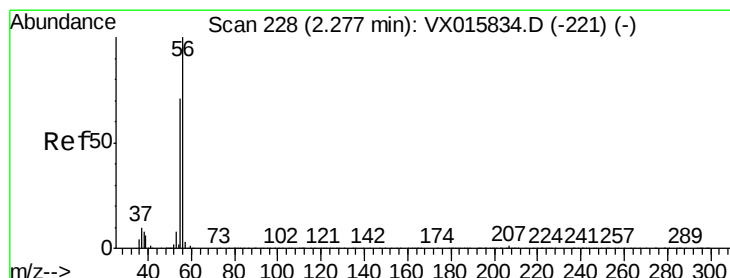
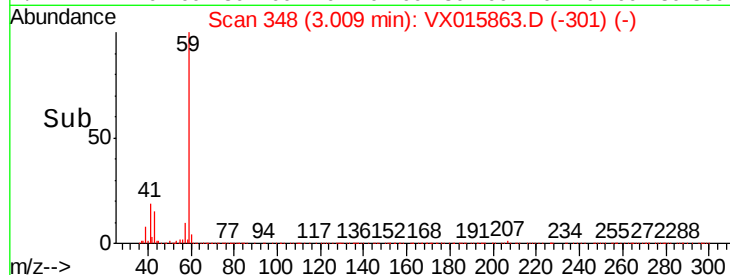
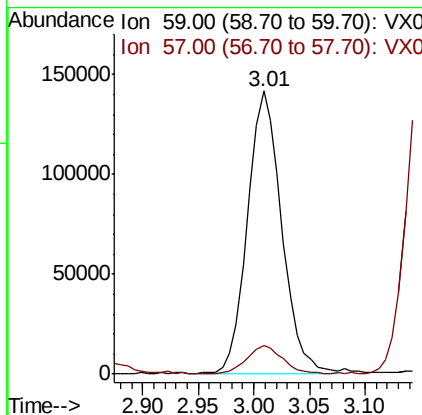
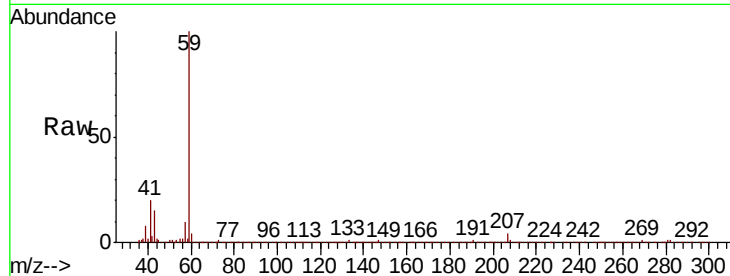


#11

Tert butyl alcohol
Concen: 143.368 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015863.D
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Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

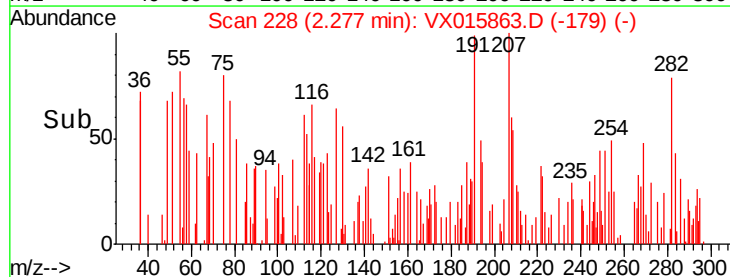
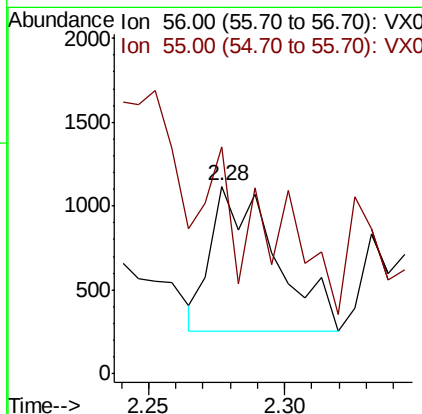
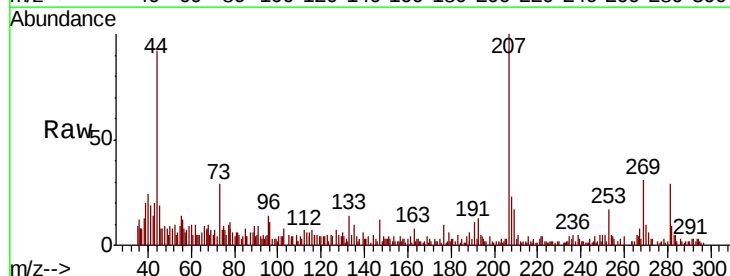
Tot Ion: 59 Resp: 303250
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

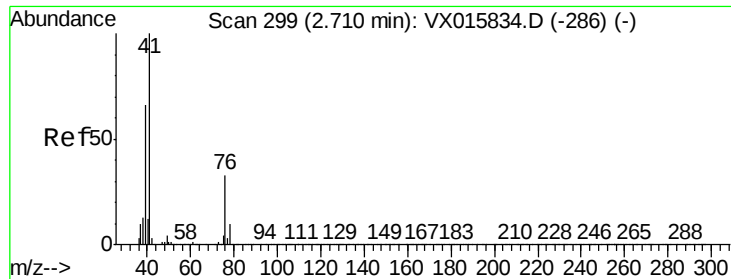


#13

Acrolein
Concen: 1.134 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 56 Resp: 1419
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#

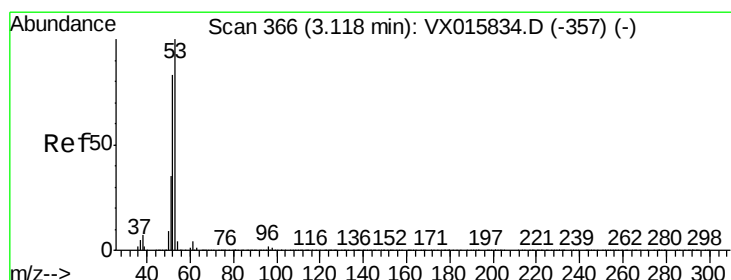
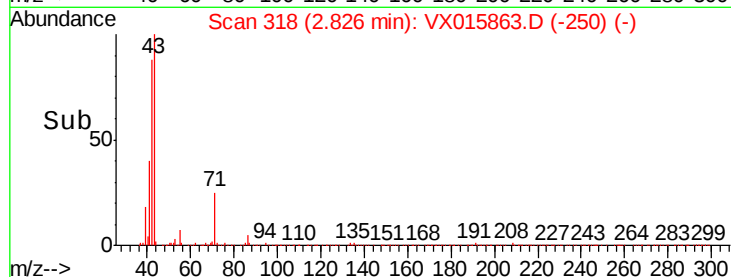
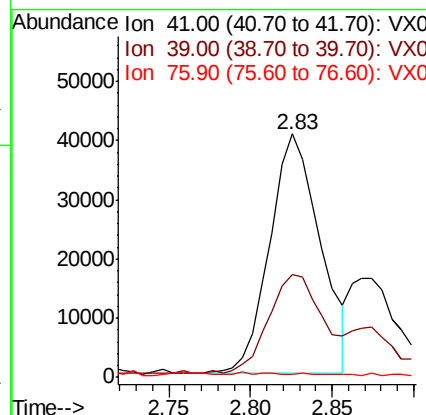
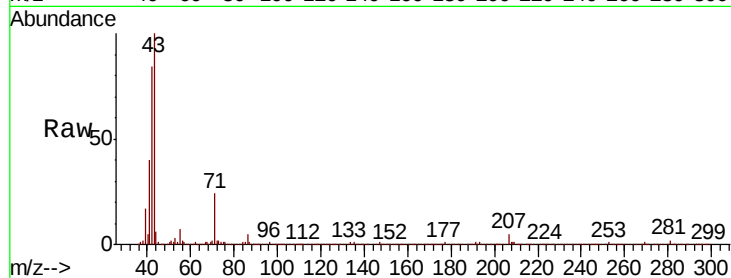




#14
Allvl chloride
Concen: 5.141 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.12 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

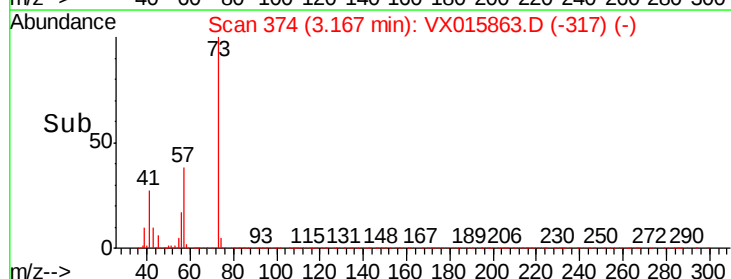
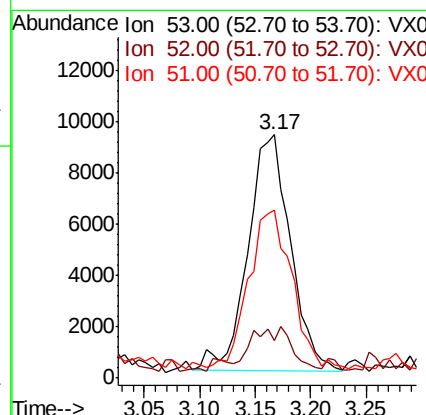
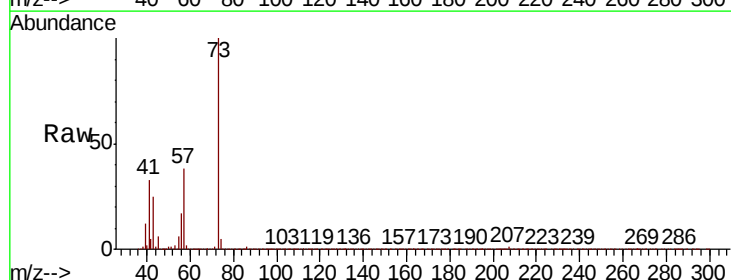
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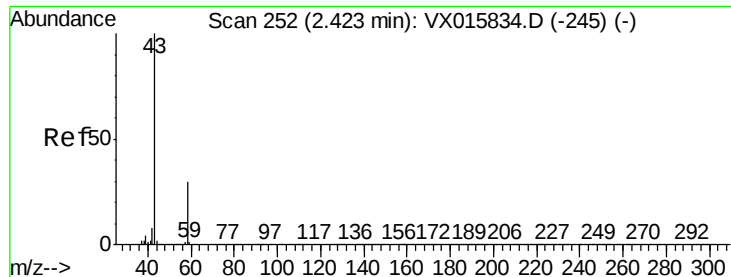
Tot Ion: 41 Resp: 87091
Ion Ratio Lower Upper
41 100
39 44.6 48.4 72.6#
76 0.0 23.8 35.8#



#15
Acrylonitrile
Concen: 4.996 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.05 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 53 Resp: 24527
Ion Ratio Lower Upper
53 100
52 17.3 66.2 99.4#
51 68.2 28.6 43.0#

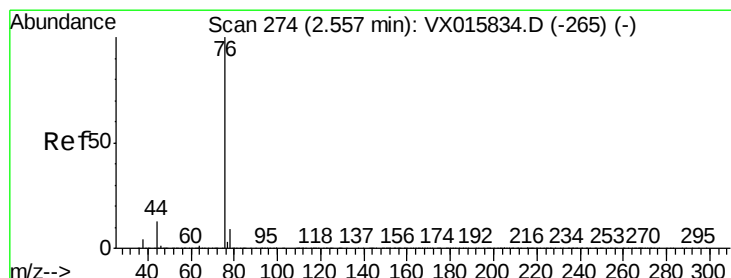
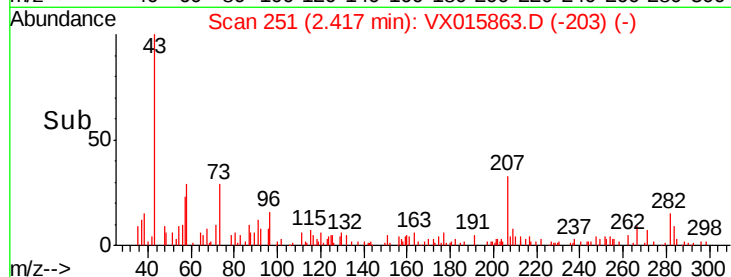
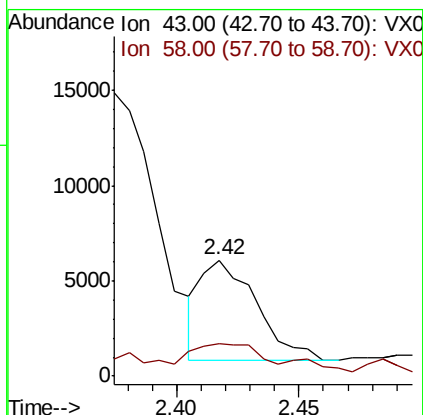
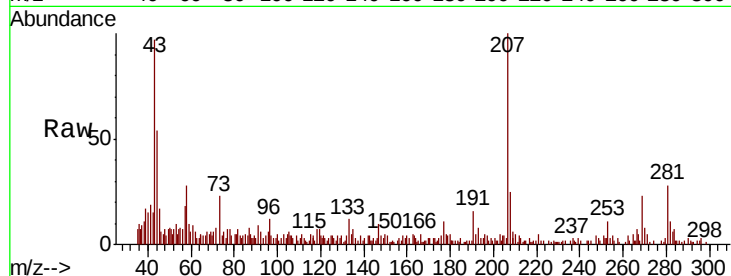




#16
Acetone
Concen: 1.845 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

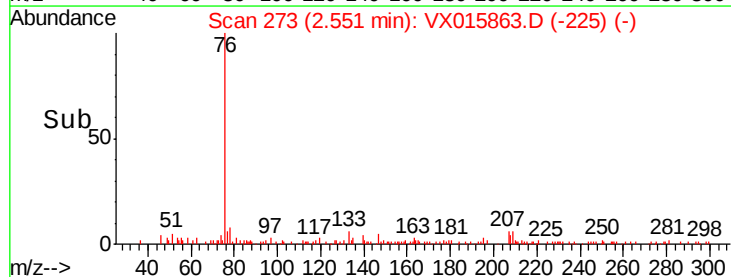
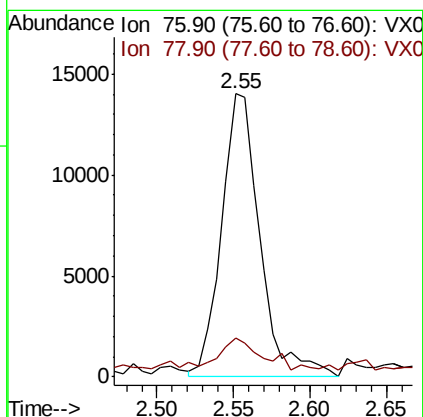
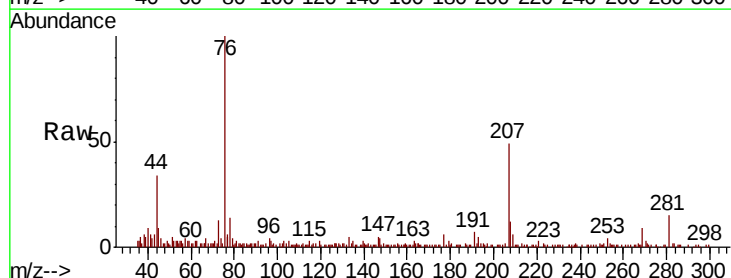
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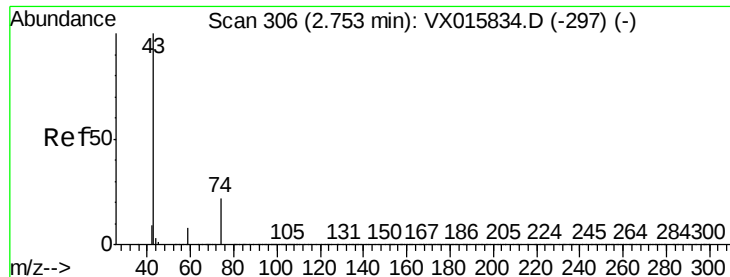
Tot Ion: 43 Resp: 8316
Ion Ratio Lower Upper
43 100
58 25.3 24.0 36.0



#17
Carbon Disulfide
Concen: 0.843 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 76 Resp: 24404
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2

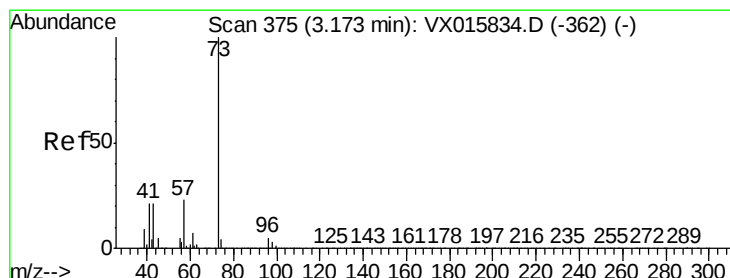
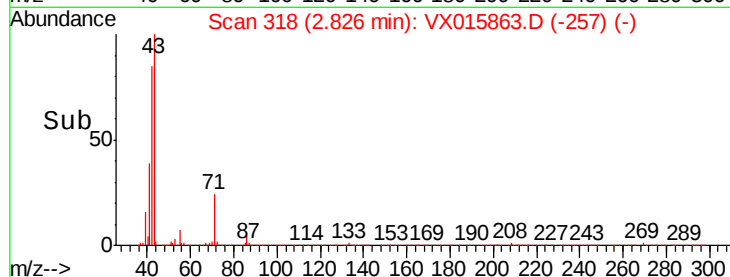
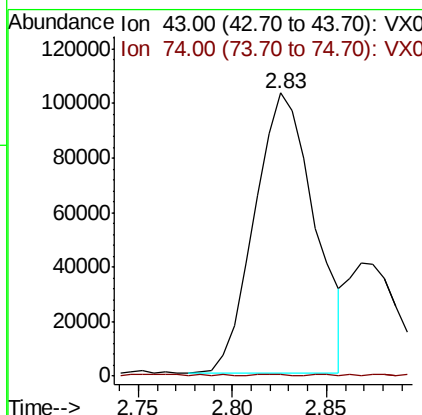
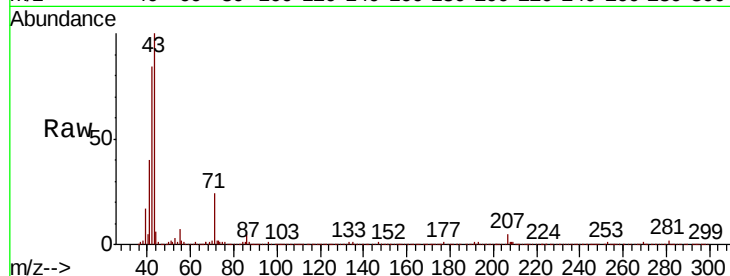




#18
Methyl Acetate
Concen: 15.323 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.07 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

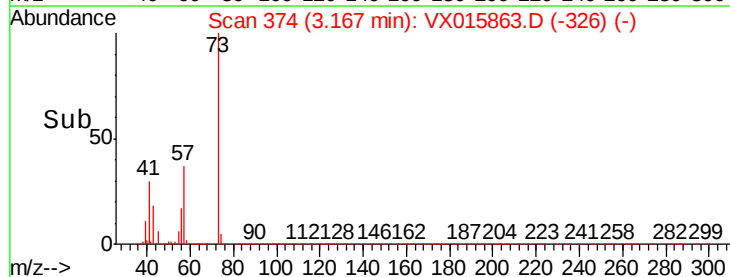
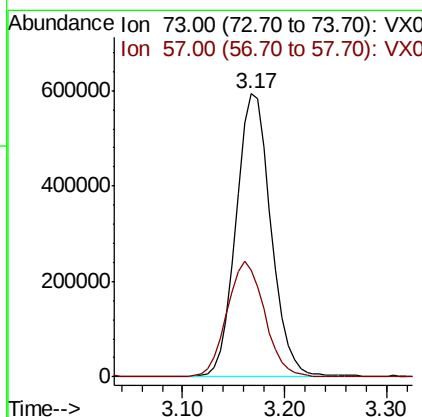
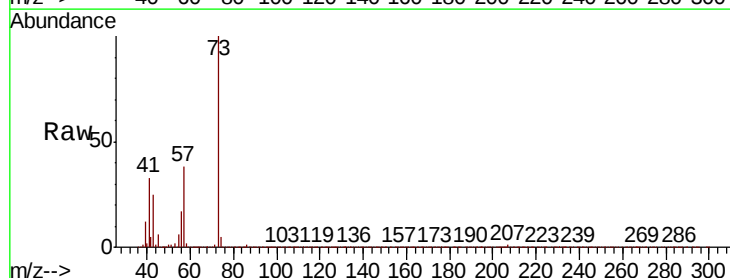
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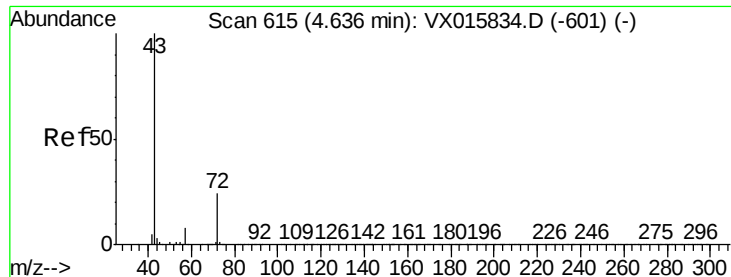
Tot Ion: 43 Resp: 228021
Ion Ratio Lower Upper
43 100
74 0.2 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 49.846 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 73 Resp: 1402899
Ion Ratio Lower Upper
73 100
57 37.7 18.1 27.1#

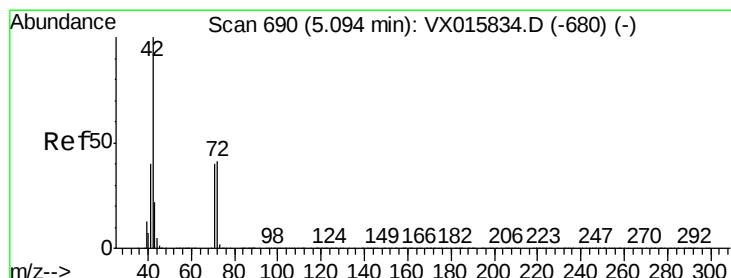
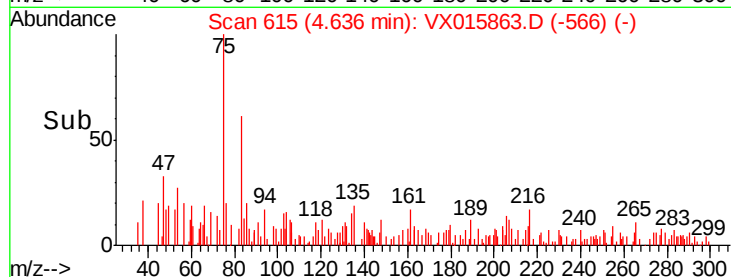
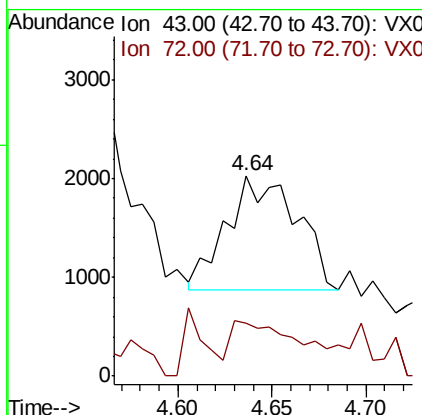
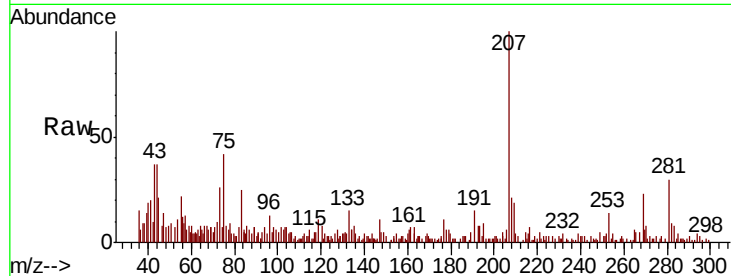




#25
2-Butanone
Concen: 0.417 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

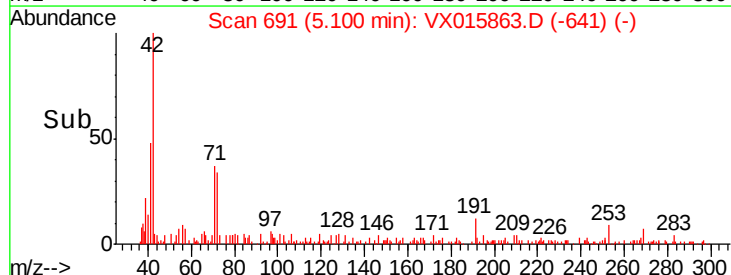
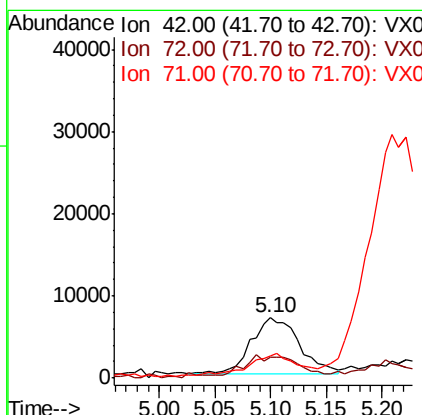
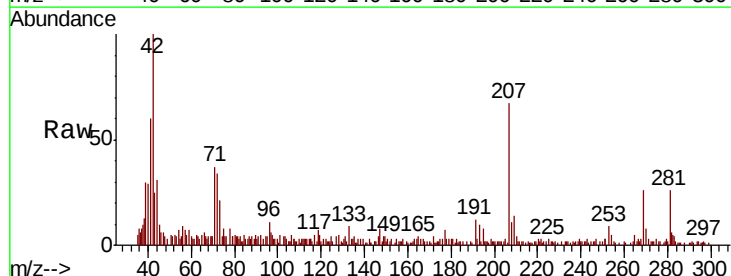
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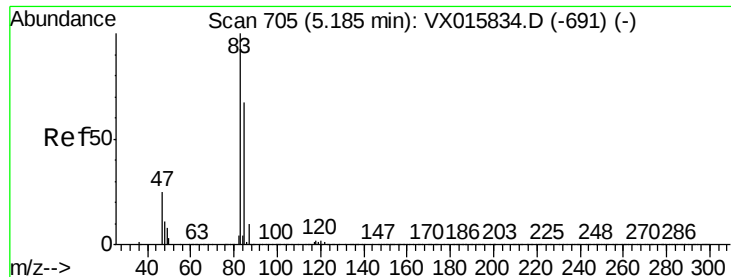
Tot Ion: 43 Resp: 2973
Ion Ratio Lower Upper
43 100
72 18.9 19.4 29.2#



#29
Tetrahydrofuran
Concen: 4.380 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 42 Resp: 20639
Ion Ratio Lower Upper
42 100
72 15.3 33.0 49.6#
71 44.0 30.6 45.8

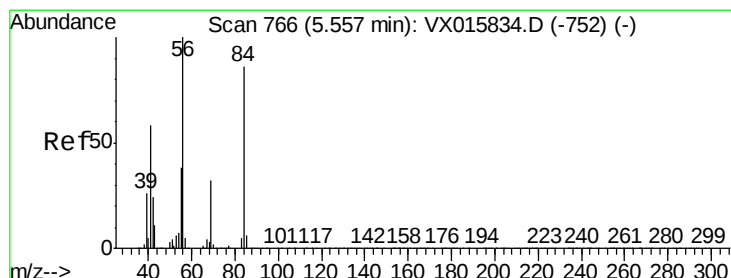
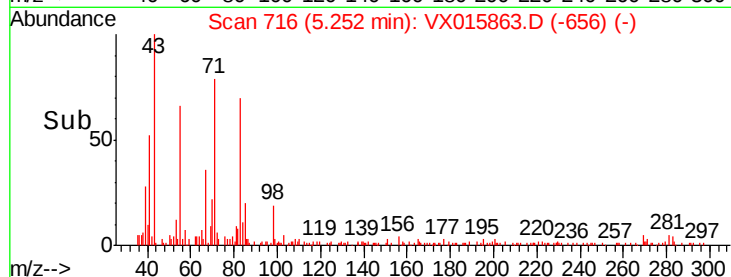
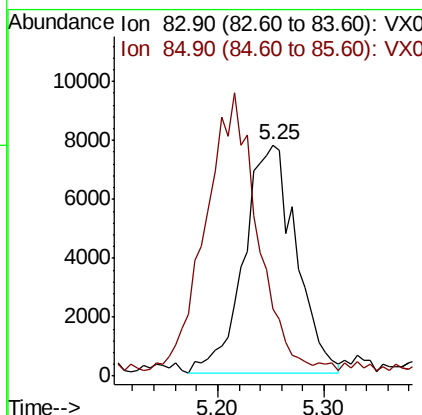
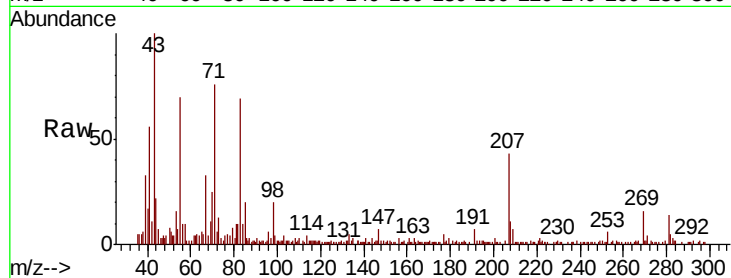




#30
Chloroform
Concen: 1.644 ug/l
RT: 5.25 min Scan# 716
Delta R.T. 0.07 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

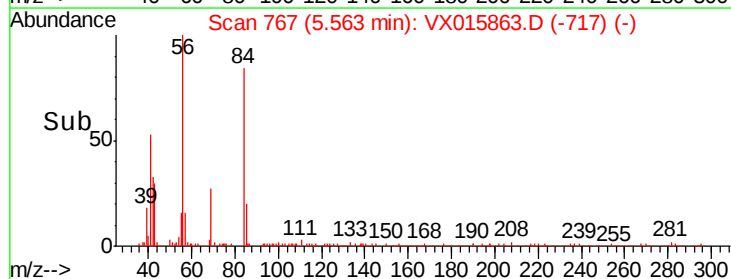
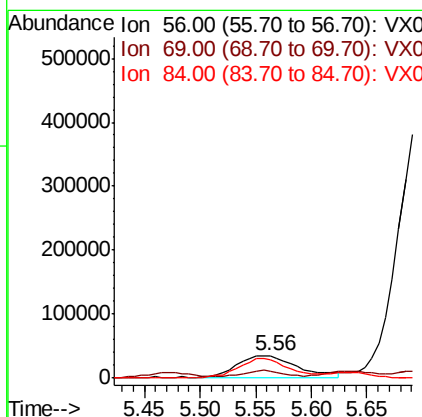
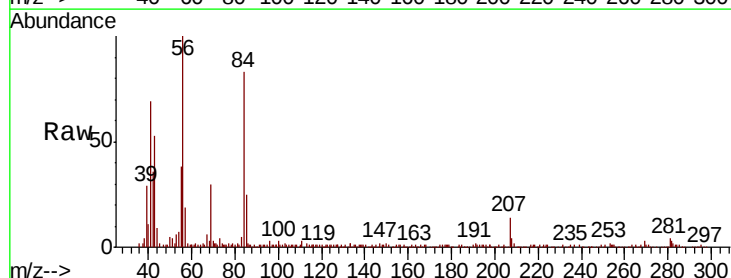
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

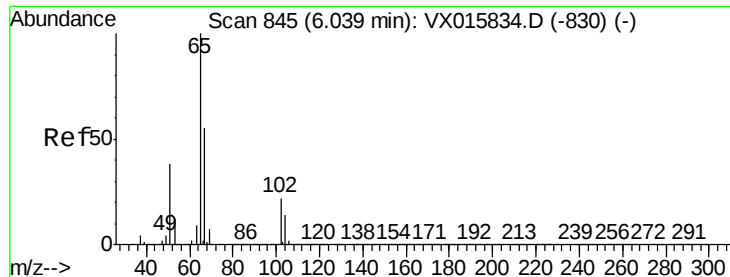
Tot Ion: 83 Resp: 26321
Ion Ratio Lower Upper
83 100
85 26.5 53.4 80.0#



#31
Cyclohexane
Concen: 8.342 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 56 Resp: 126175
Ion Ratio Lower Upper
56 100
69 12.6 25.3 37.9#
84 84.7 69.1 103.7





#33

1,2-Dichloroethane-d4

Concen: 49.051 ug/l

RT: 6.04 min Scan# 845

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

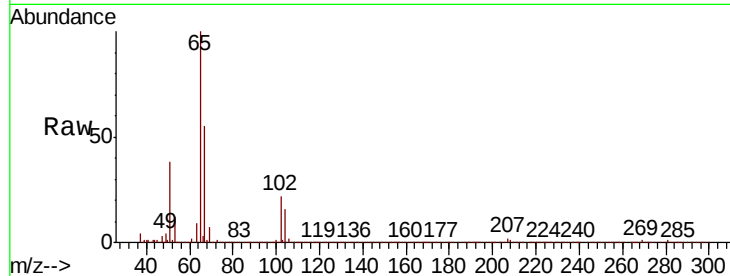
KY001IW091-200421

Tot Ion: 65 Resp: 507798

Ion Ratio Lower Upper

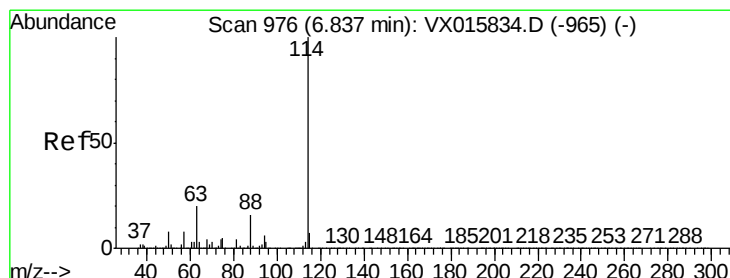
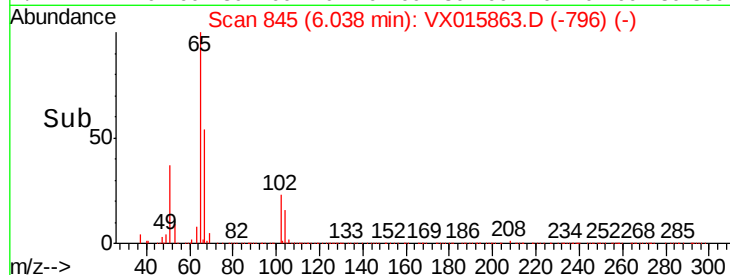
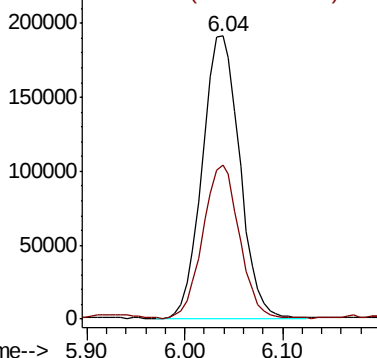
65 100

67 52.9 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: VX015863.D

Acq: 23 Apr 2020 00:56

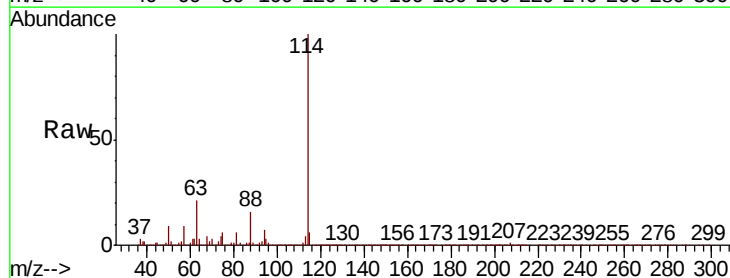
Tgt Ion: 114 Resp: 1405550

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

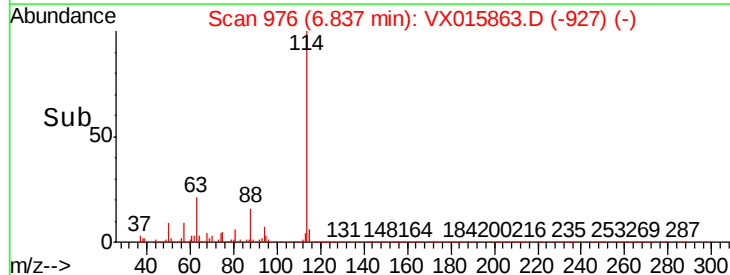
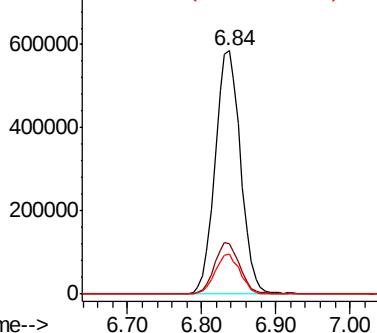
88 16.2 0.0 32.8

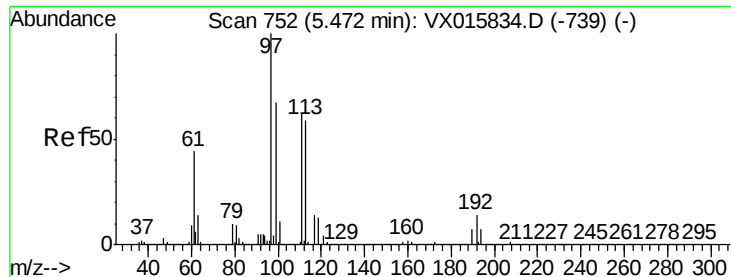


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.282 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

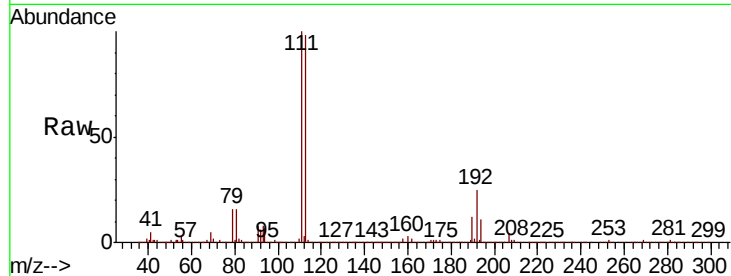
Tot Ion:113 Resp: 416061

Ion Ratio Lower Upper

113 100

111 100.8 82.7 124.1

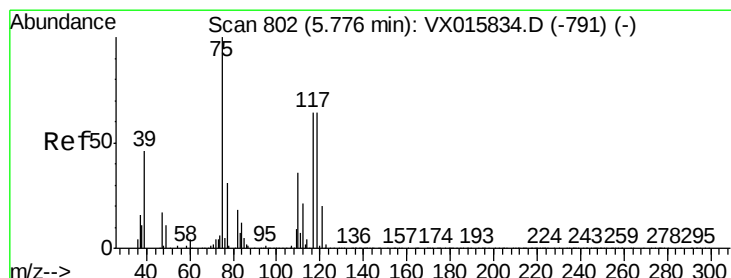
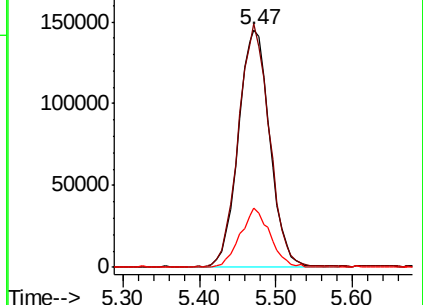
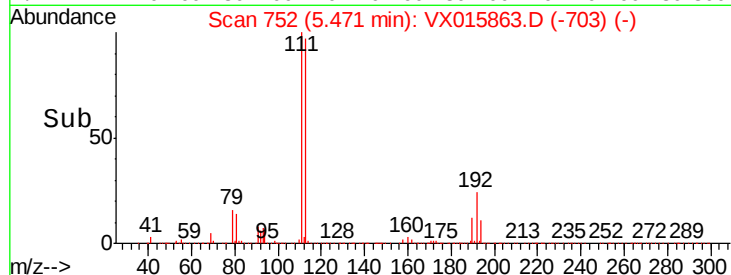
192 23.6 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.684 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.14 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

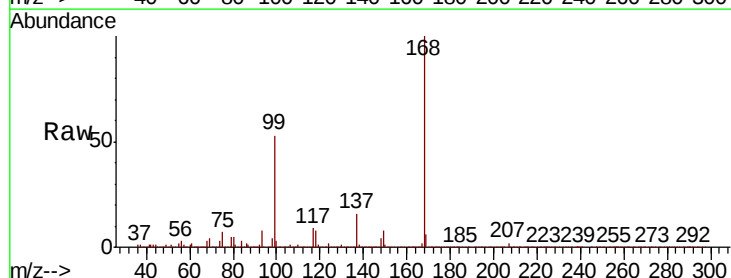
Tgt Ion: 75 Resp: 58363

Ion Ratio Lower Upper

75 100

110 10.2 17.9 53.8#

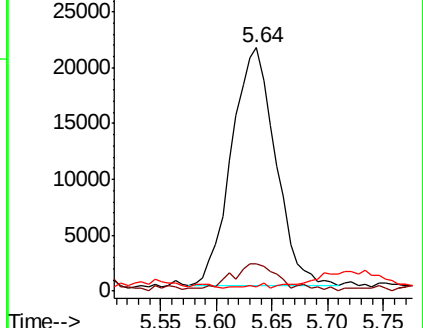
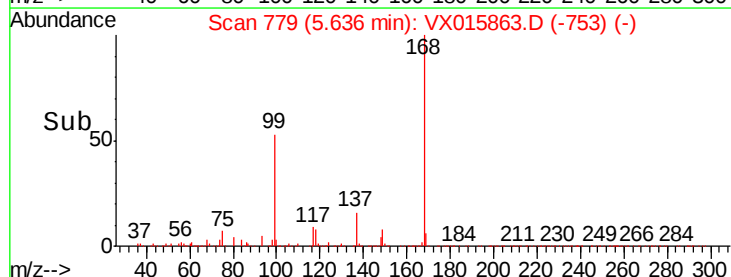
77 0.3 24.5 36.7#

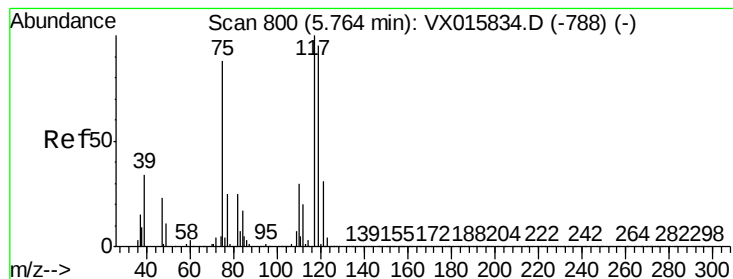


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.677 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

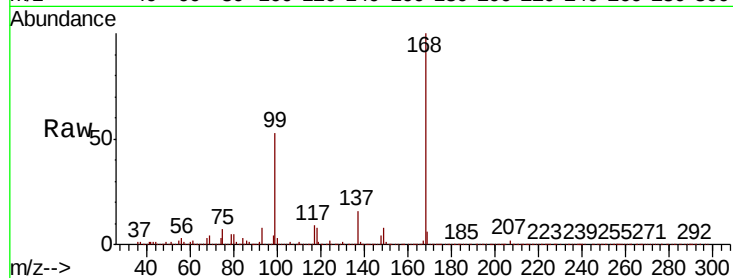
Tot Ion:117 Resp: 81952

Ion Ratio Lower Upper

117 100

119 5.5 75.7 113.5#

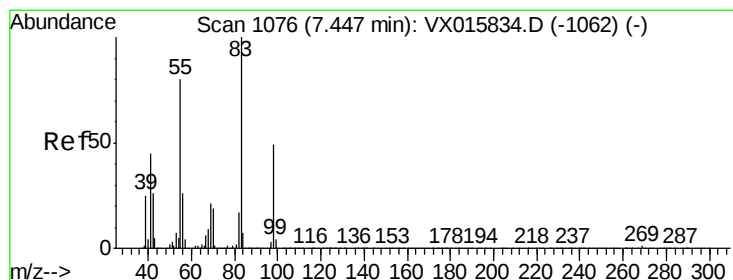
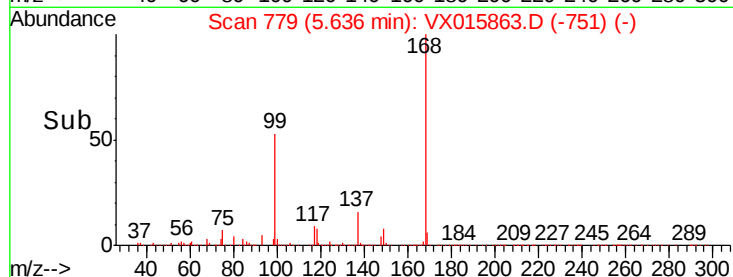
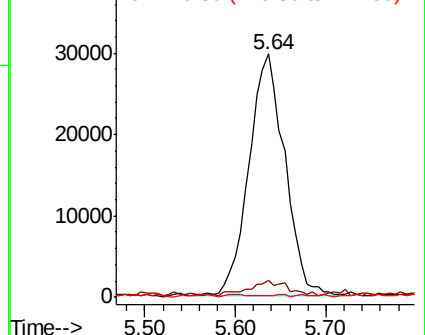
121 0.4 25.0 37.6#



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: 20.237 ug/l

RT: 7.43 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

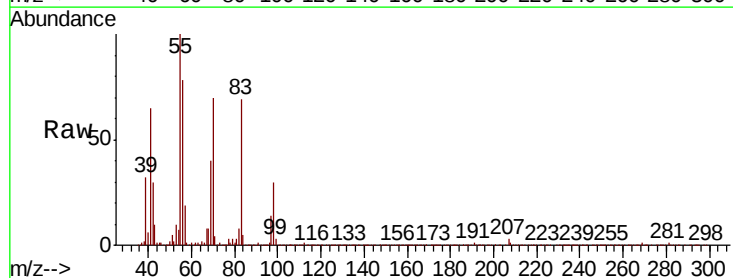
Tgt Ion: 83 Resp: 319324

Ion Ratio Lower Upper

83 100

55 145.1 64.2 96.4#

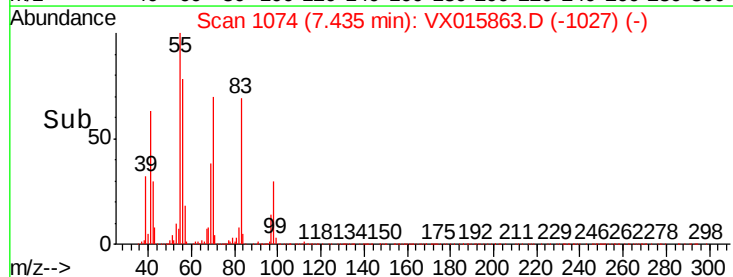
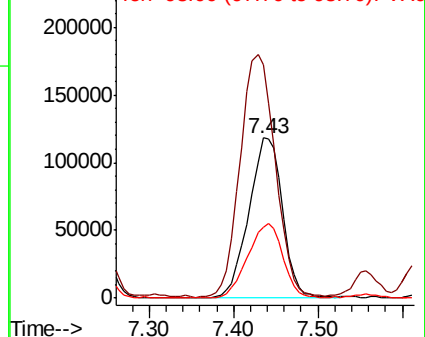
98 44.3 39.3 58.9

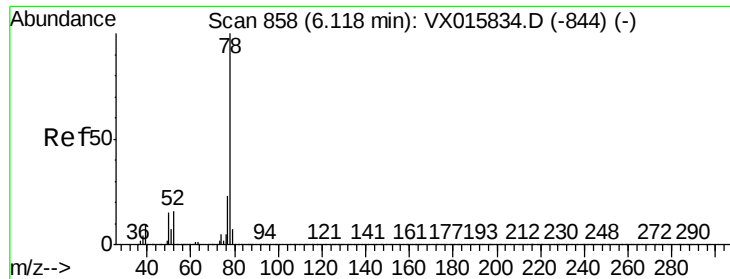


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.747 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

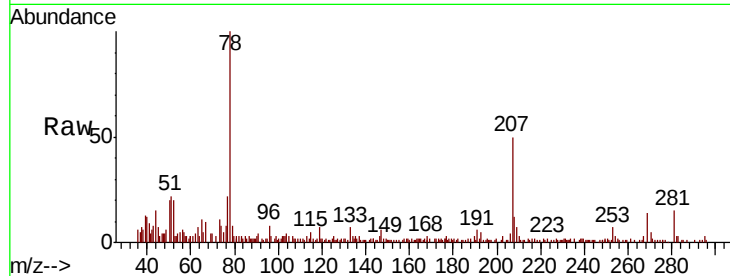
KY001IW091-200421

Tot Ion: 78 Resp: 28019

Ion Ratio Lower Upper

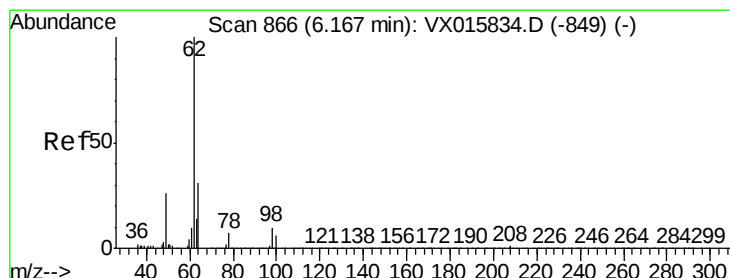
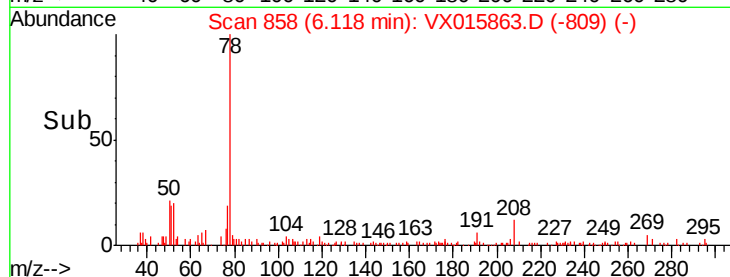
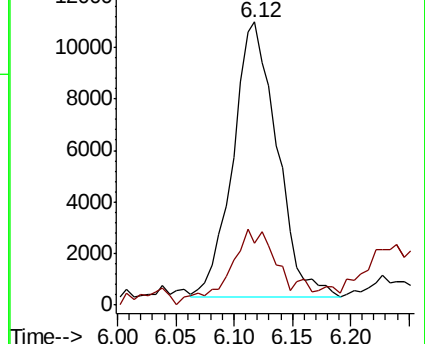
78 100

77 18.9 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.211 ug/l

RT: 6.17 min Scan# 866

Delta R.T. -0.00 min

Lab File: VX015863.D

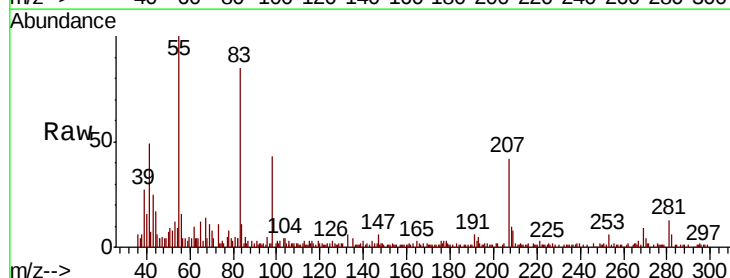
Acq: 23 Apr 2020 00:56

Tgt Ion: 62 Resp: 2851

Ion Ratio Lower Upper

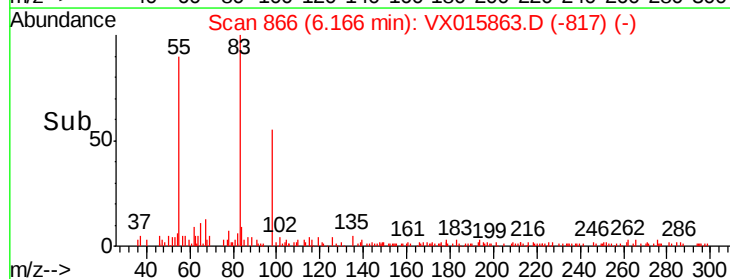
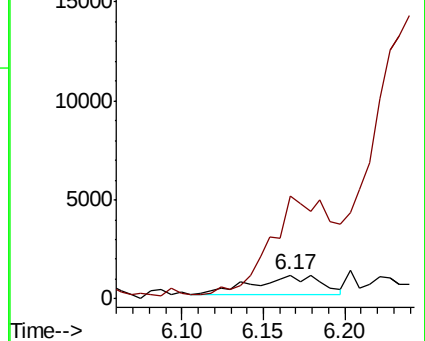
62 100

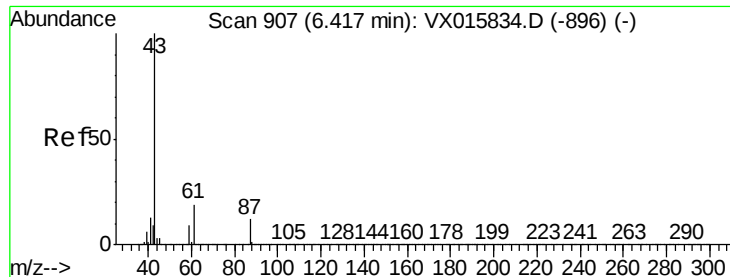
98 458.8 0.0 20.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 1.884 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.01 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

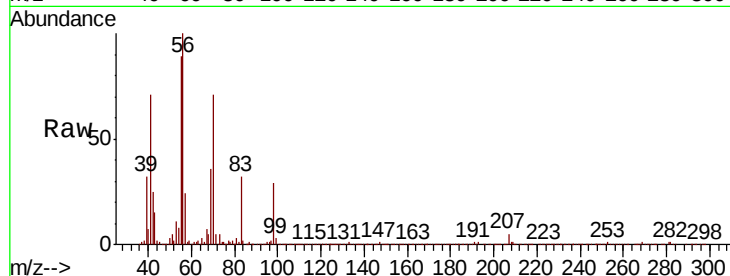
Tot Ion: 43 Resp: 47130

Ion Ratio Lower Upper

43 100

61 1.8 15.4 23.2#

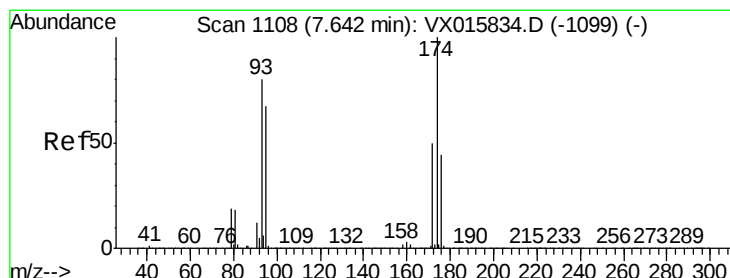
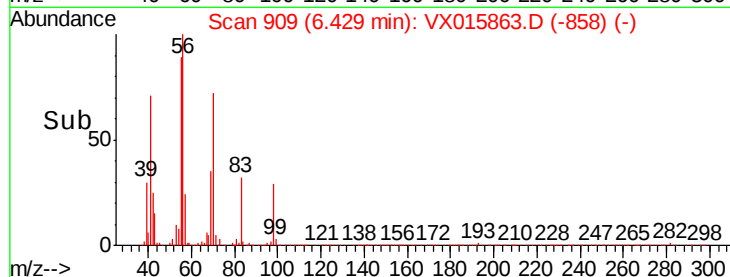
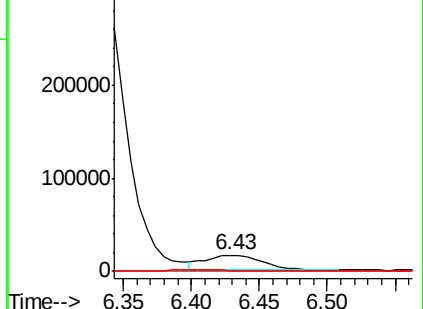
87 12.5 9.8 14.6



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: 0.418 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

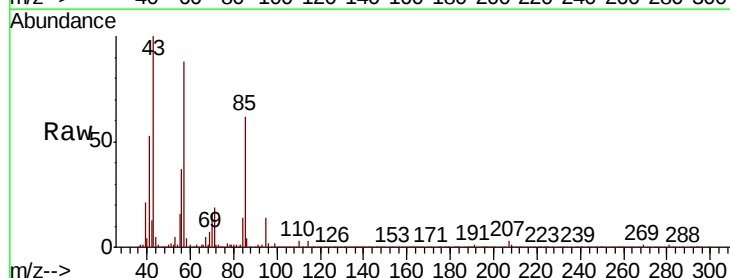
Tgt Ion: 93 Resp: 3001

Ion Ratio Lower Upper

93 100

95 1926.2 65.8 98.8#

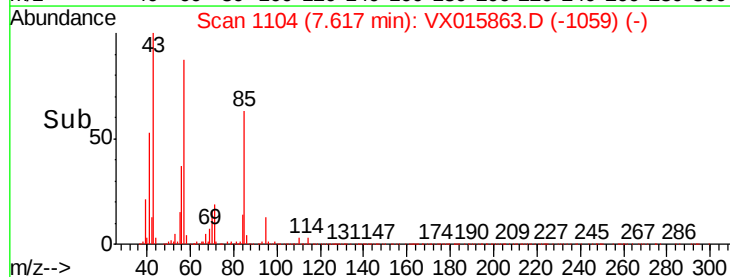
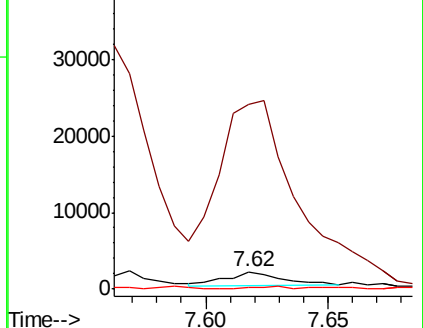
174 10.2 95.6 143.4#

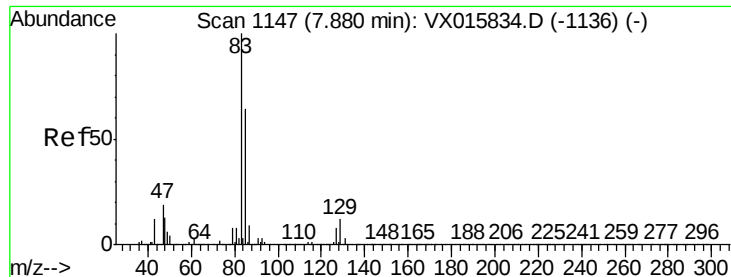


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.665 ug/l

RT: 7.83 min Scan# 1139

Delta R.T. -0.05 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

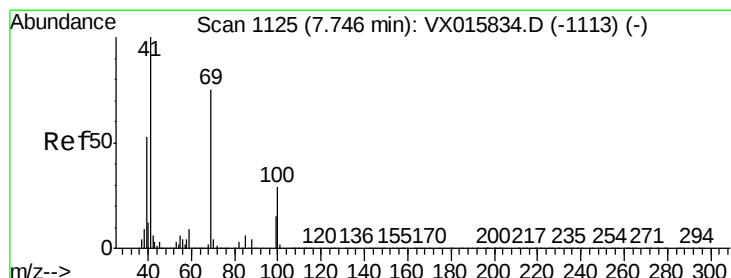
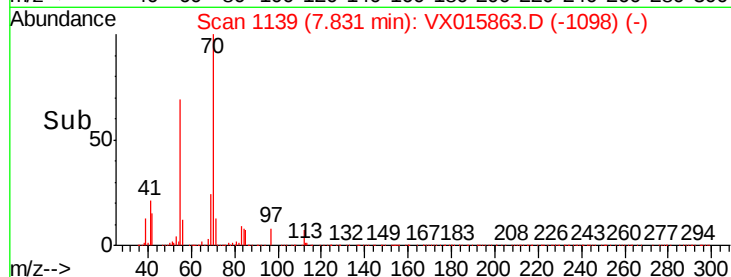
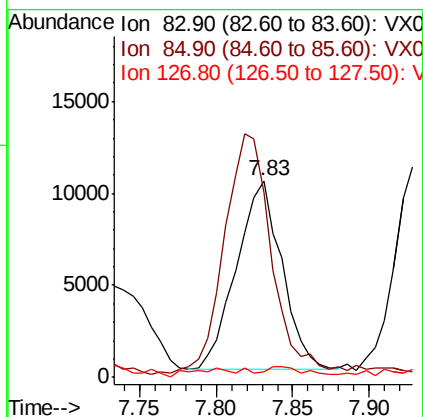
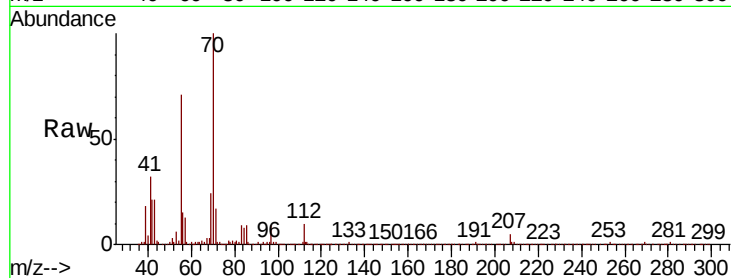
Tot Ion: 83 Resp: 21261

Ion Ratio Lower Upper

83 100

85 92.2 50.8 76.2#

127 1.1 6.6 10.0#



#48

Methyl methacrylate

Concen: 2.878 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

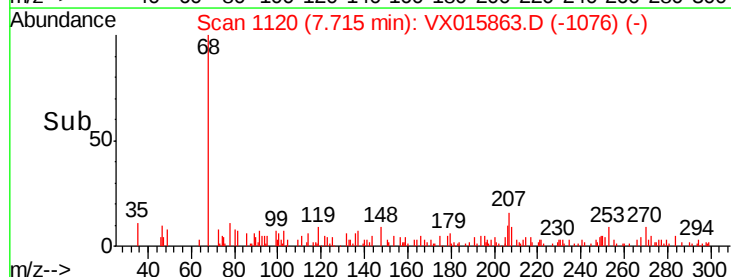
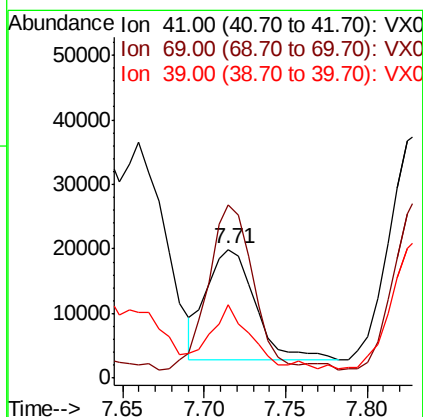
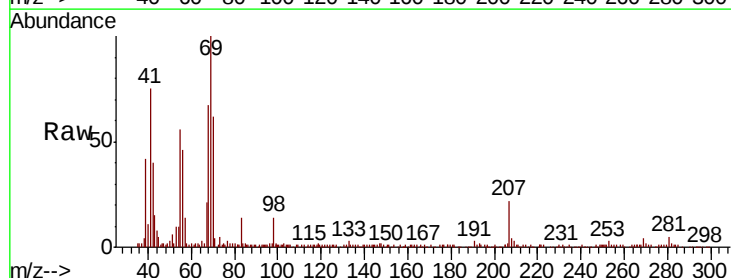
Tgt Ion: 41 Resp: 35417

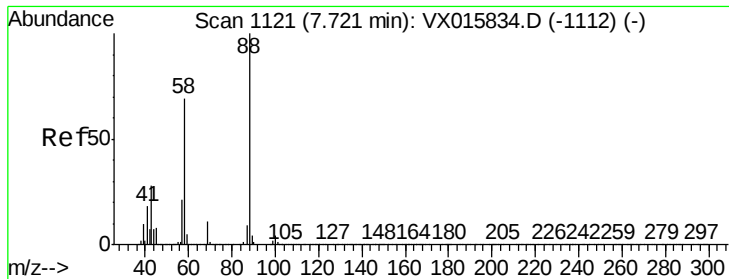
Ion Ratio Lower Upper

41 100

69 136.9 60.5 90.7#

39 41.5 42.1 63.1#

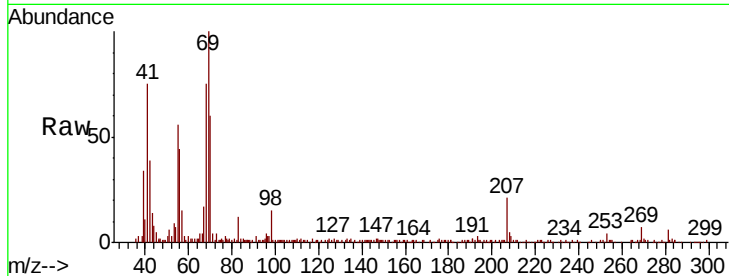




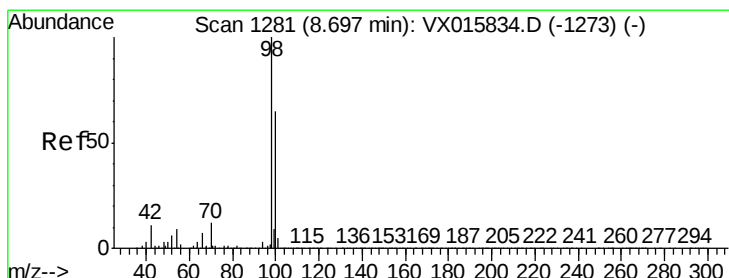
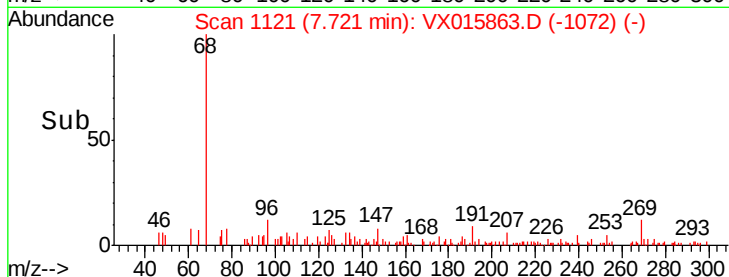
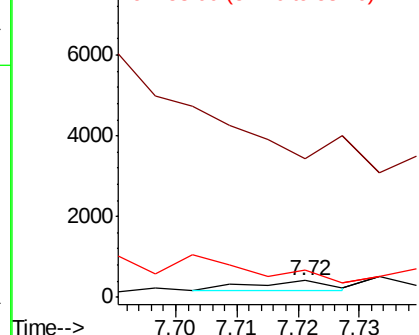
#49
1,4-Dioxane
Concen: 0.851 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

Tot Ion: 88 Resp: 198
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 58.9 88.3#

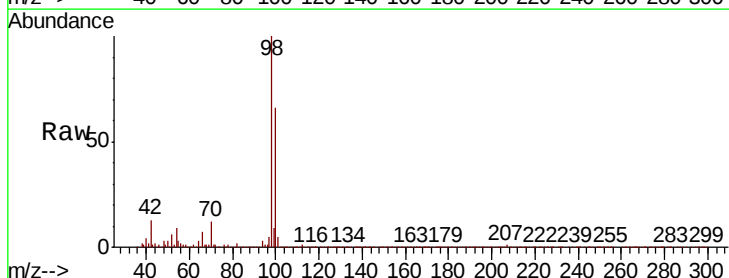


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

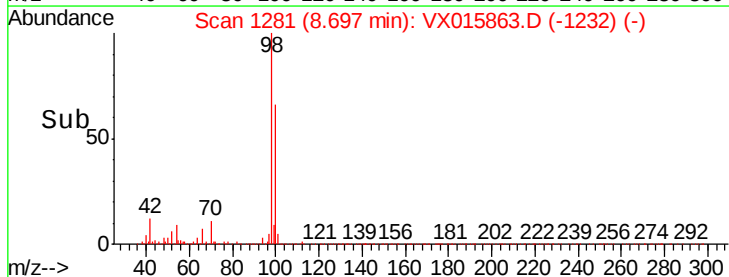
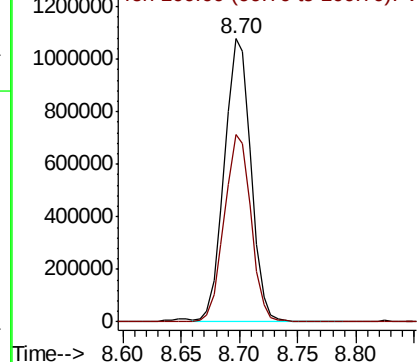


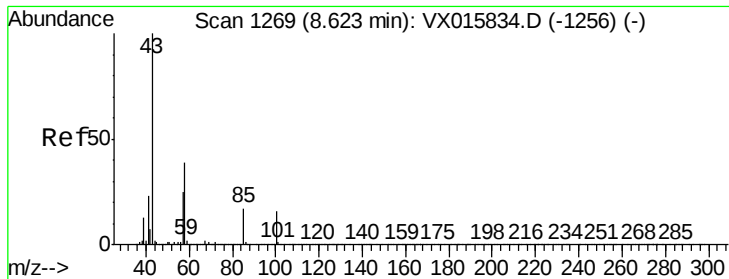
#50
Toluene-d8
Concen: 51.853 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 98 Resp: 1693562
Ion Ratio Lower Upper
98 100
100 66.9 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: 5.329 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.04 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

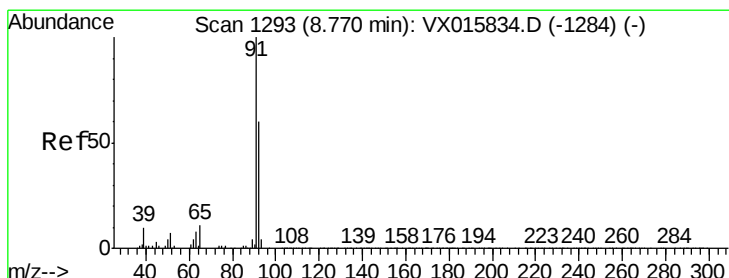
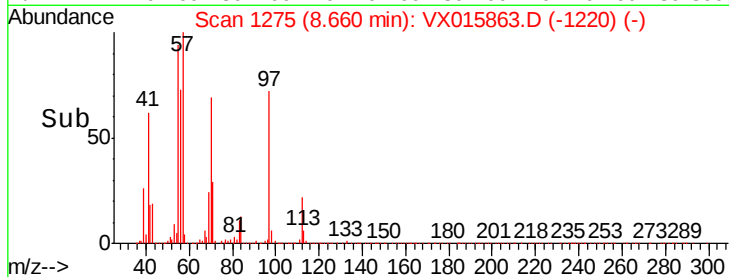
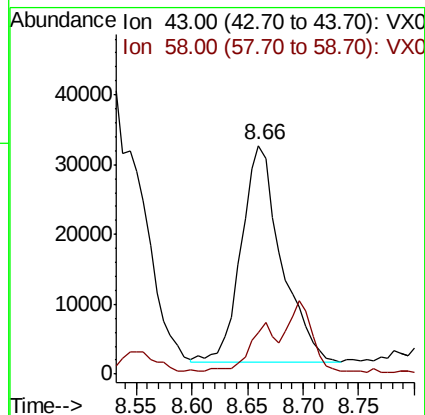
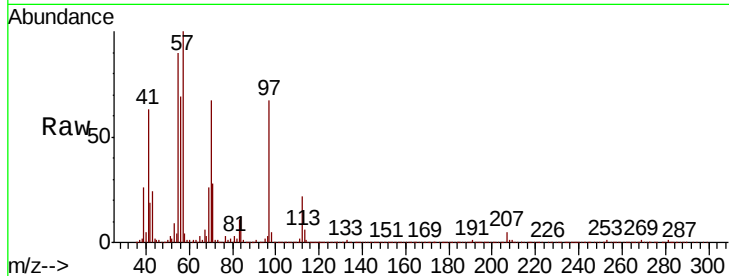
KY001IW091-200421

Tot Ion: 43 Resp: 76938

Ion Ratio Lower Upper

43 100

58 14.7 30.6 45.8#



#52

Toluene

Concen: 0.409 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015863.D

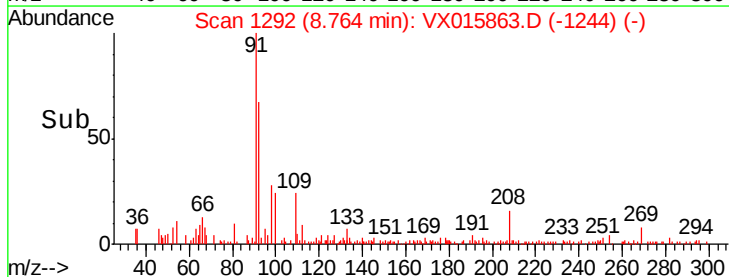
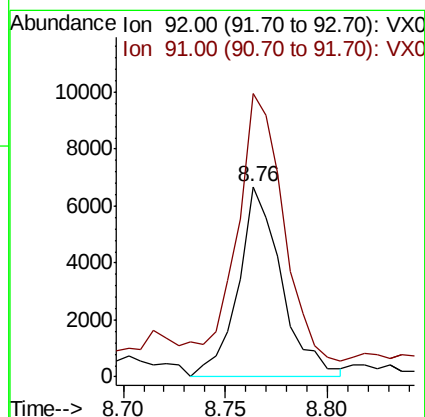
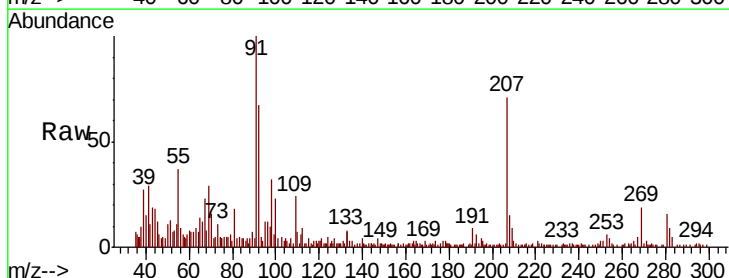
Acq: 23 Apr 2020 00:56

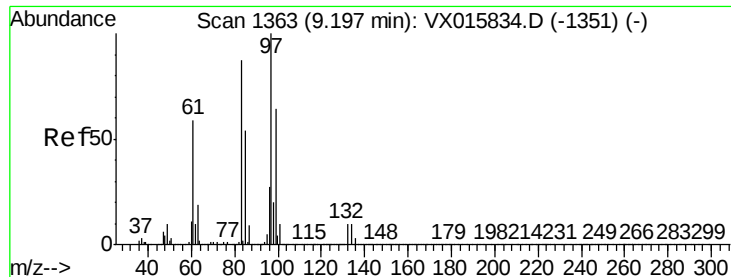
Tgt Ion: 92 Resp: 9845

Ion Ratio Lower Upper

92 100

91 145.4 133.4 200.0

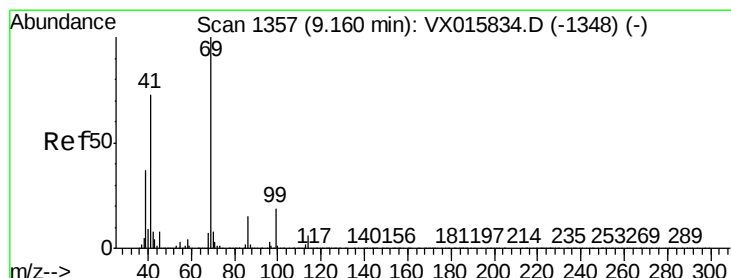
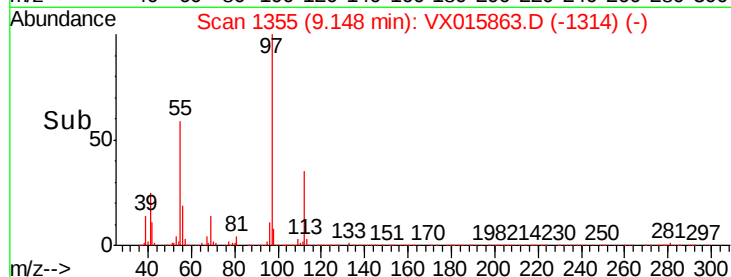
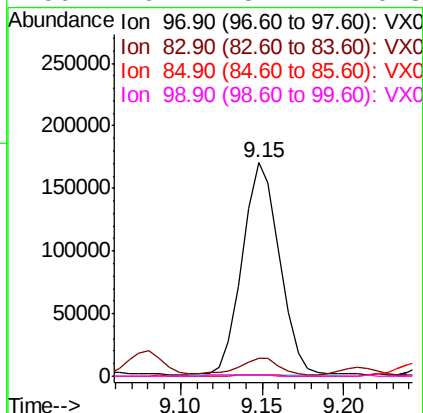
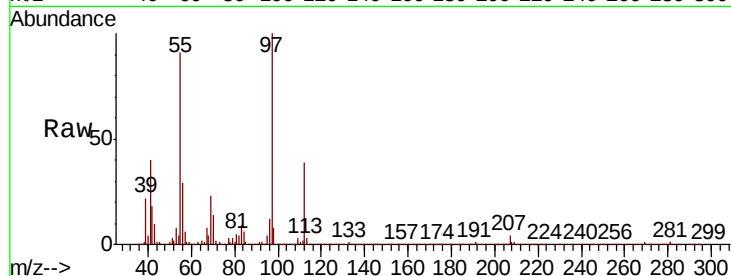




#55
1,1,2-Trichloroethane
Concen: 29.021 ug/l
RT: 9.15 min Scan# 1355
Delta R.T. -0.05 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

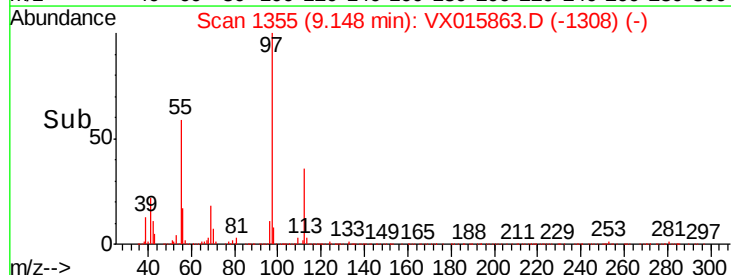
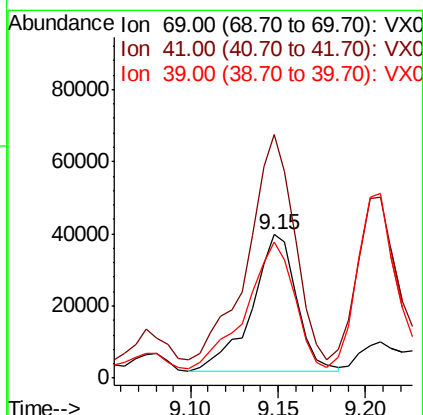
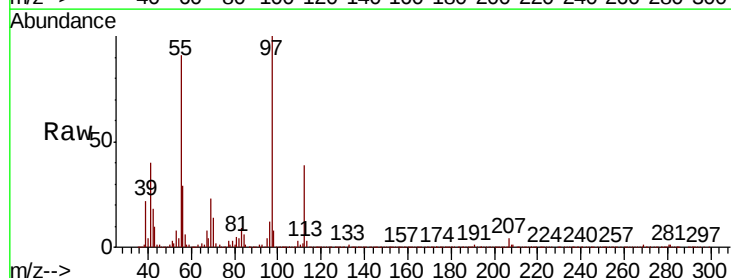
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

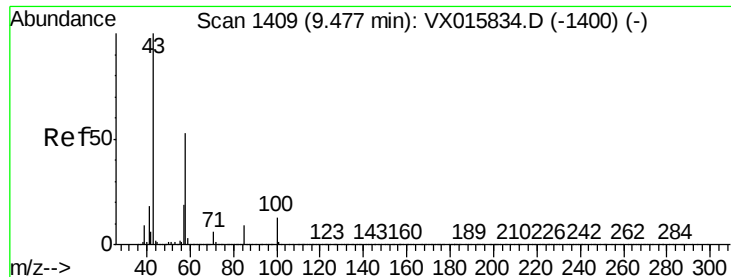
Tot Ion:	97	Resp:	272601
Ion	Ratio	Lower	Upper
97	100		
83	7.7	69.8	104.8#
85	0.5	43.4	65.2#
99	0.2	51.2	76.8#



#56
Ethyl methacrylate
Concen: 4.241 ug/l
RT: 9.15 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion:	69	Resp:	67473
Ion	Ratio	Lower	Upper
69	100		
41	168.0	57.4	86.2#
39	98.7	29.7	44.5#





#59

2-Hexanone

Concen: 6.523 ug/l

RT: 9.60 min Scan# 1430

Delta R.T. 0.13 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

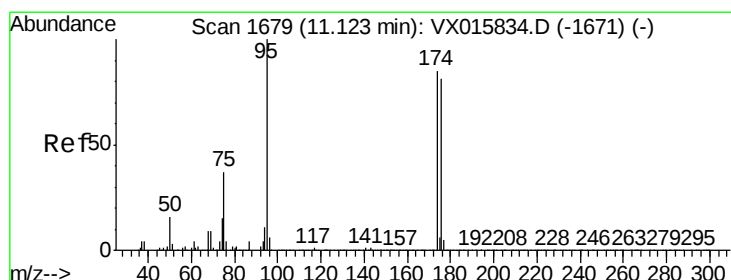
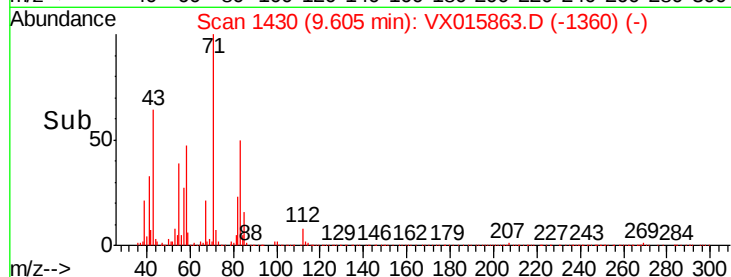
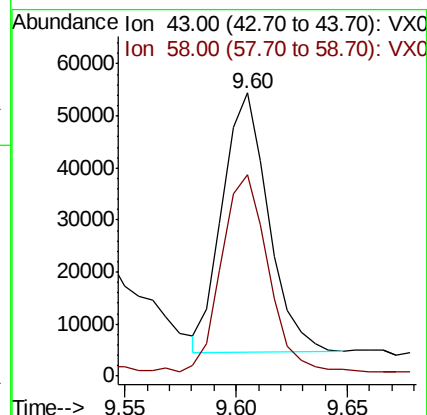
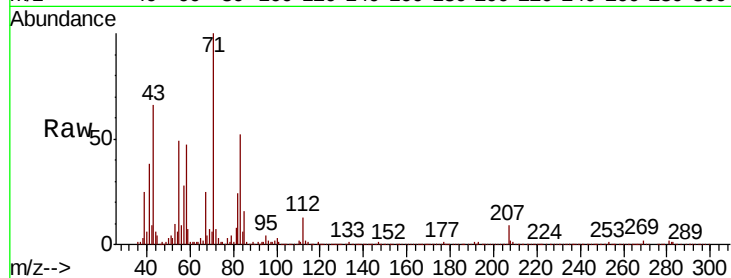
KY001IW091-200421

Tot Ion: 43 Resp: 71752

Ion Ratio Lower Upper

43 100

58 79.2 26.5 79.4



#62

4-Bromofluorobenzene

Concen: 53.309 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

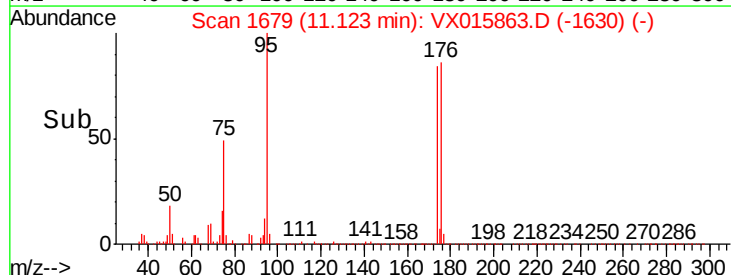
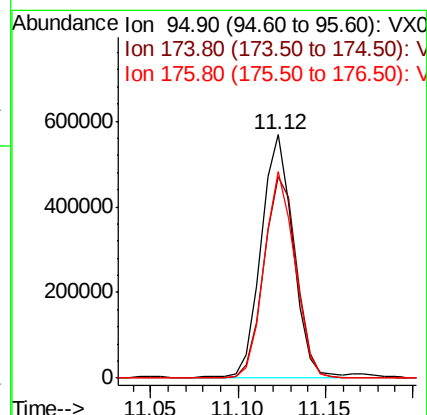
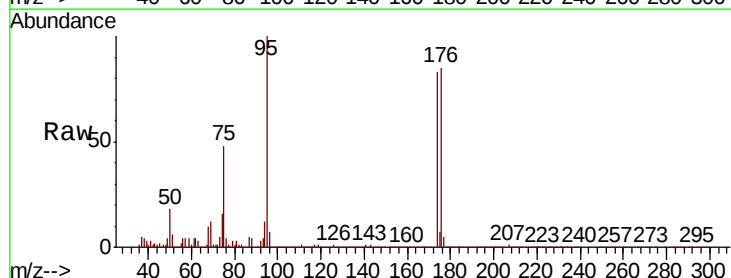
Tgt Ion: 95 Resp: 714251

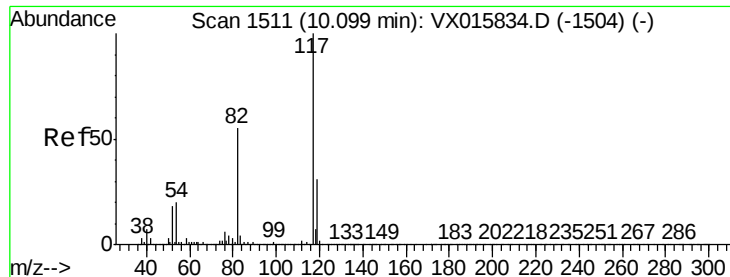
Ion Ratio Lower Upper

95 100

174 86.0 0.0 172.4

176 83.2 0.0 167.0

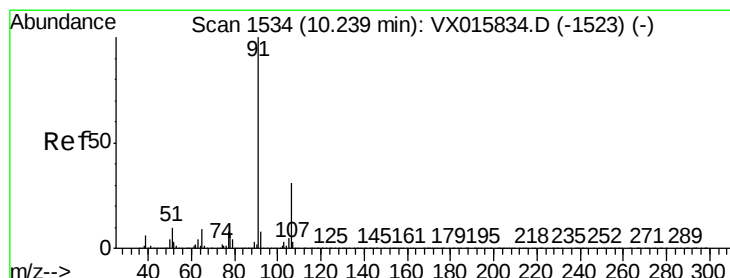
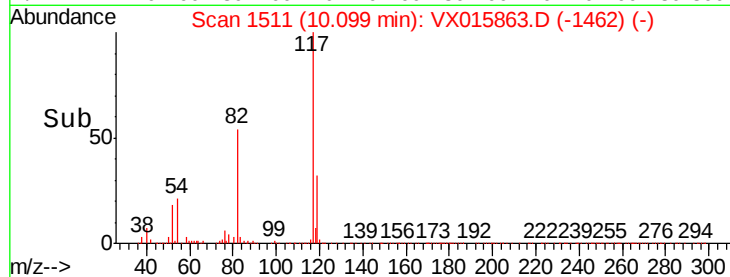
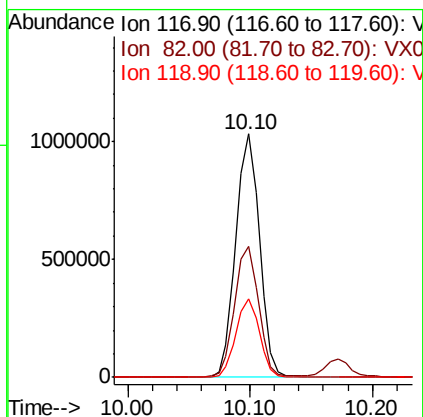
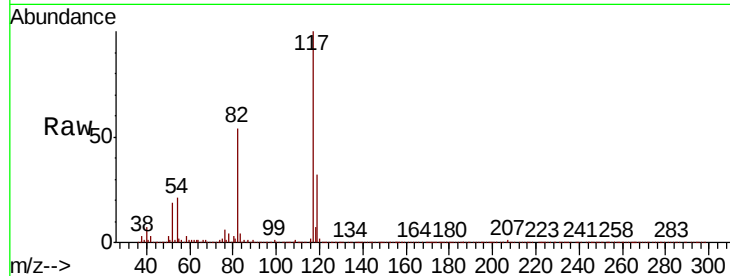




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

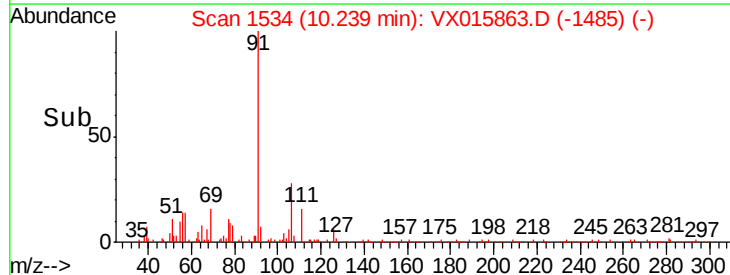
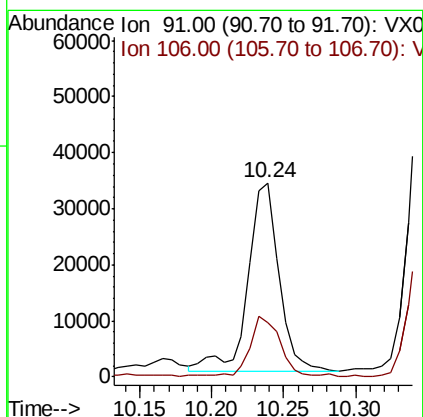
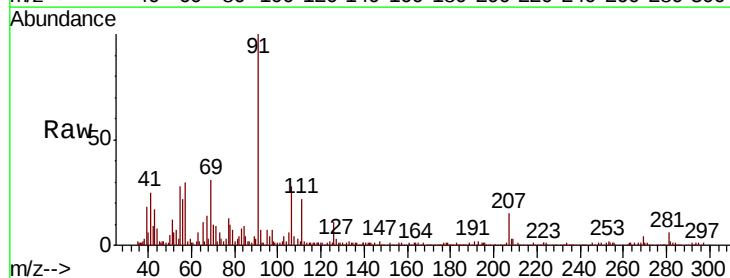
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

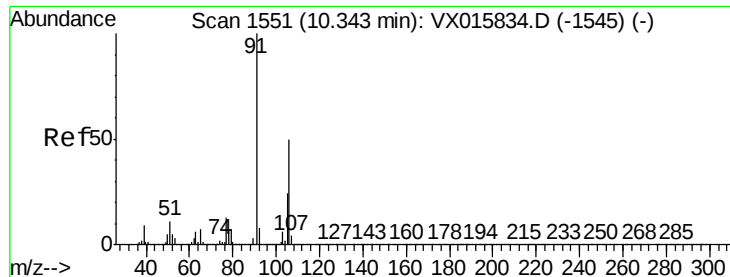
Tot Ion:117 Resp: 1385923
Ion Ratio Lower Upper
117 100
82 53.8 43.9 65.9
119 32.2 25.1 37.7



#67
Ethyl Benzene
Concen: 1.029 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 91 Resp: 50102
Ion Ratio Lower Upper
91 100
106 28.6 25.0 37.4





#68

m/p-Xylenes

Concen: 1.818 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

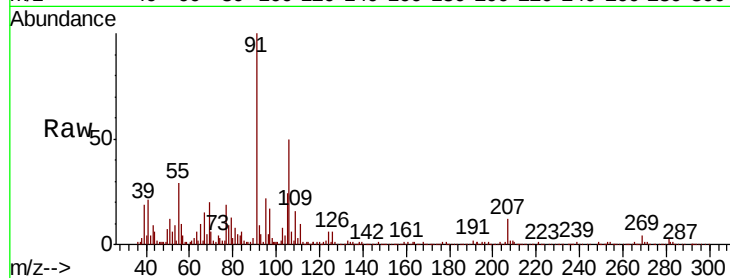
KY001IW091-200421

Tot Ion:106 Resp: 33217

Ion Ratio Lower Upper

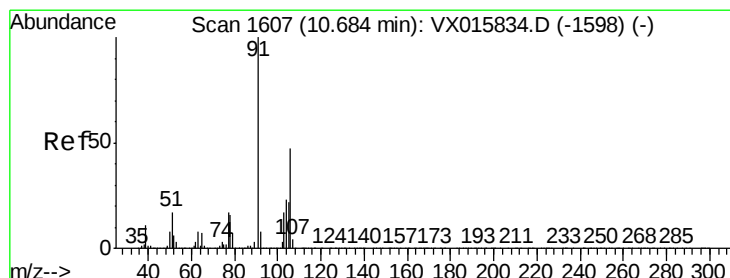
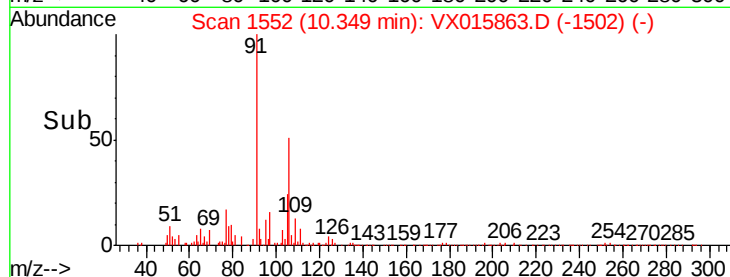
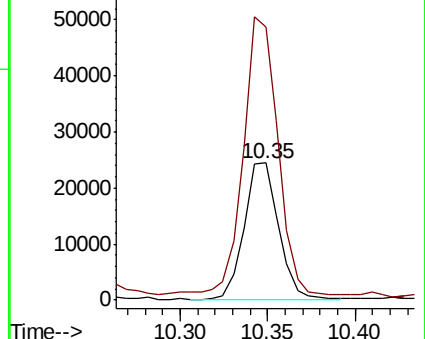
106 100

91 203.2 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.554 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015863.D

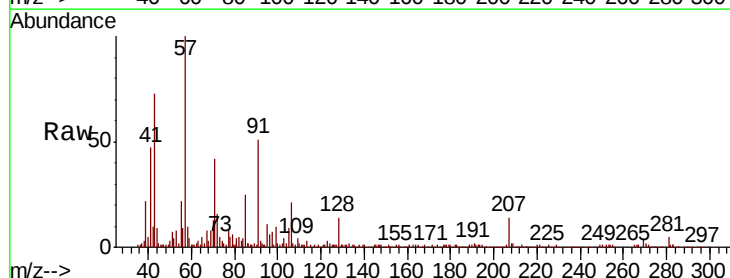
Acq: 23 Apr 2020 00:56

Tgt Ion:106 Resp: 9964

Ion Ratio Lower Upper

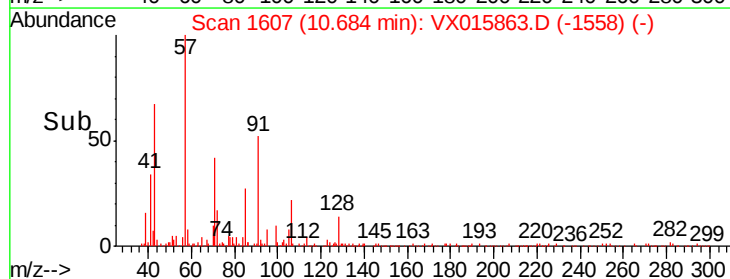
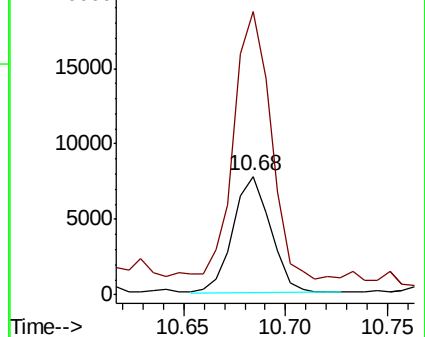
106 100

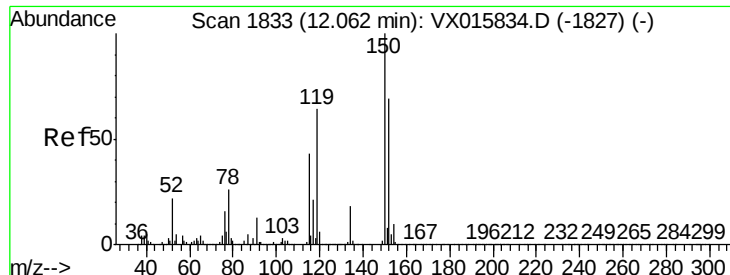
91 226.7 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

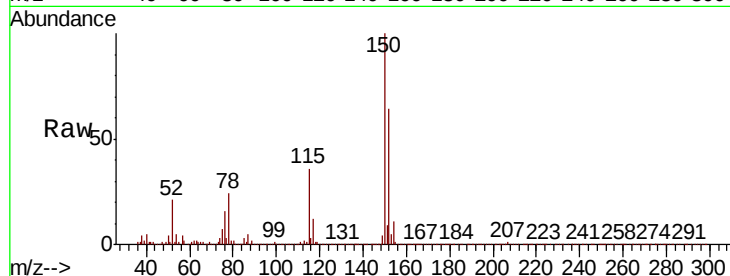
Tot Ion:152 Resp: 743208

Ion Ratio Lower Upper

152 100

115 56.6 39.0 116.9

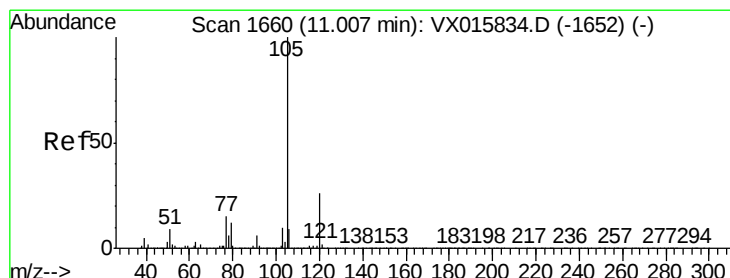
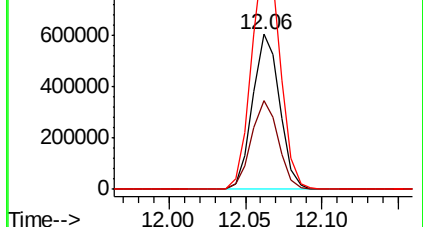
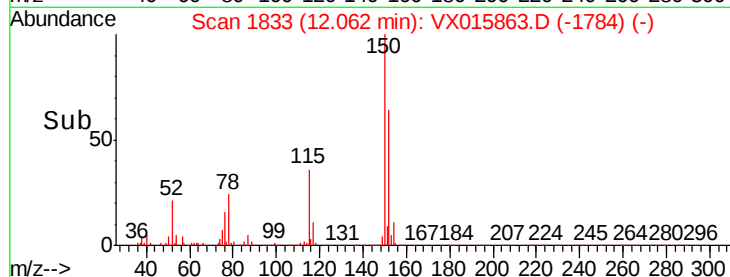
150 157.8 0.0 336.8



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: 92.645 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015863.D

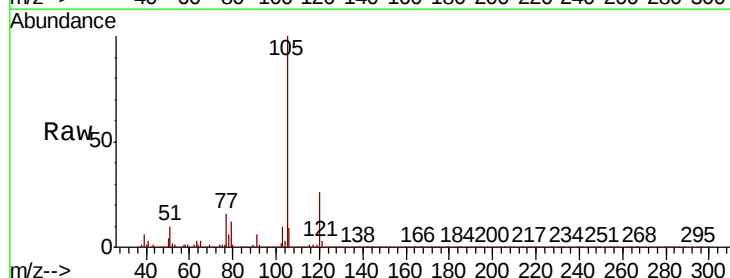
Acq: 23 Apr 2020 00:56

Tgt Ion:105 Resp: 4372928

Ion Ratio Lower Upper

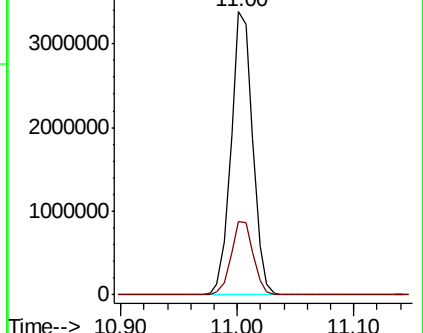
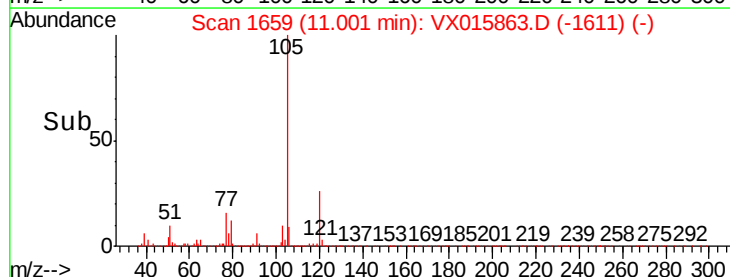
105 100

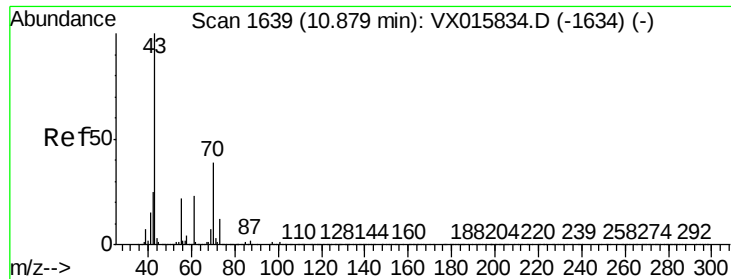
120 26.6 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

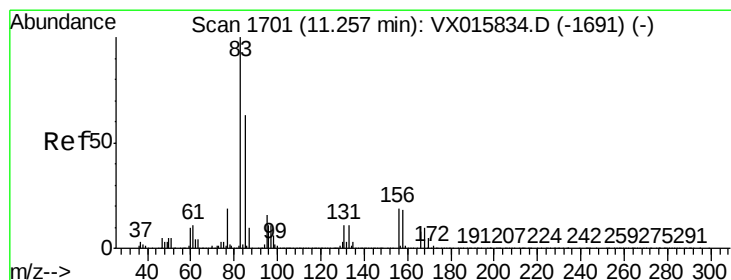
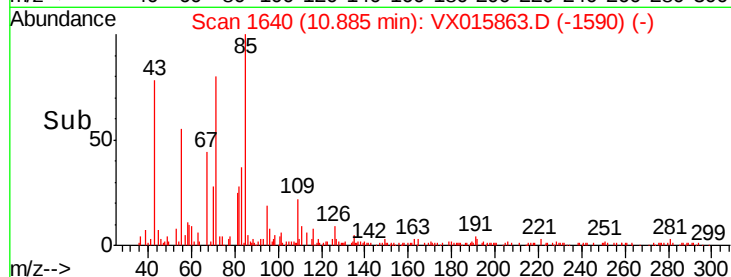
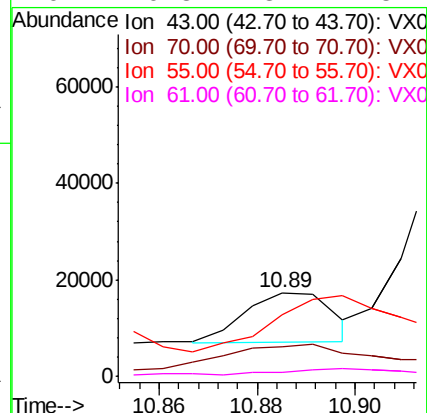
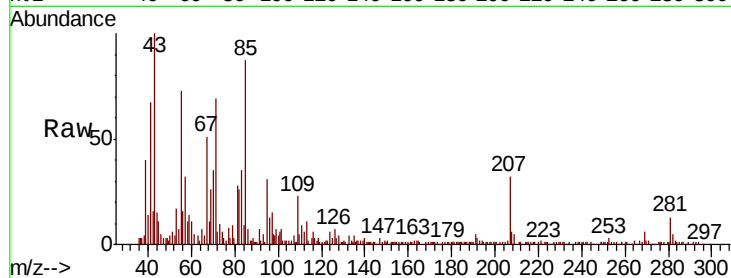




#74
N-amvl acetate
Concen: 0.521 ug/l
RT: 10.89 min Scan# 1640
Delta R.T. 0.01 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

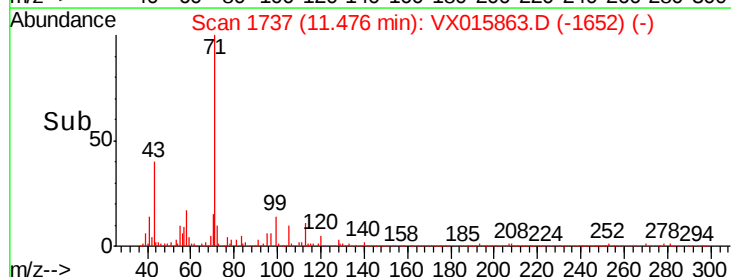
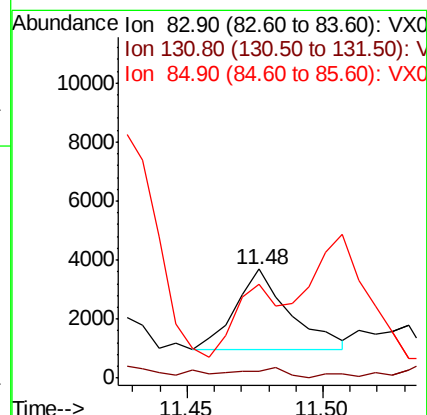
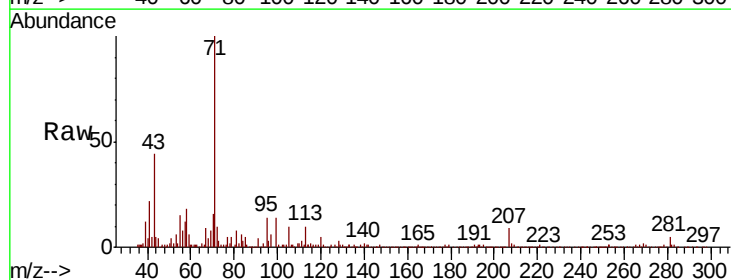
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

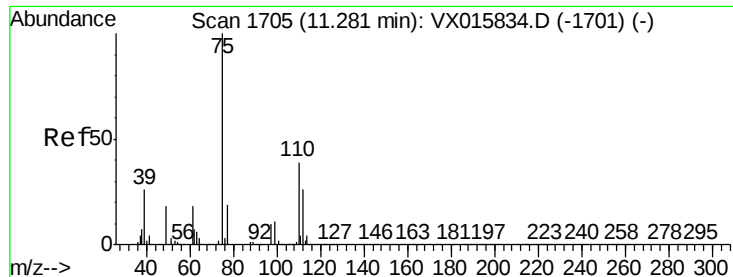
Tot Ion:	43	Resp:	12690
Ion	Ratio	Lower	Upper
43	100		
70	101.9	32.6	49.0#
55	246.1	18.3	27.5#
61	16.8	18.7	28.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.380 ug/l
RT: 11.48 min Scan# 1737
Delta R.T. 0.22 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion:	83	Resp:	3798
Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.5	16.4
85	68.1	32.4	97.0

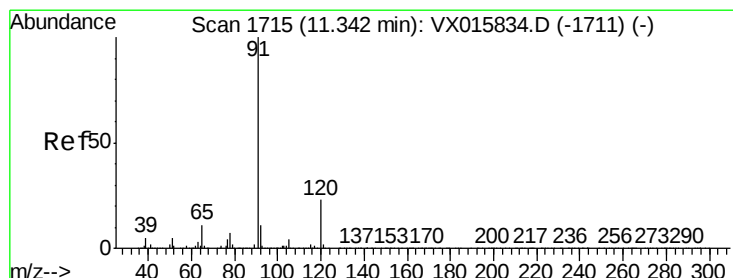
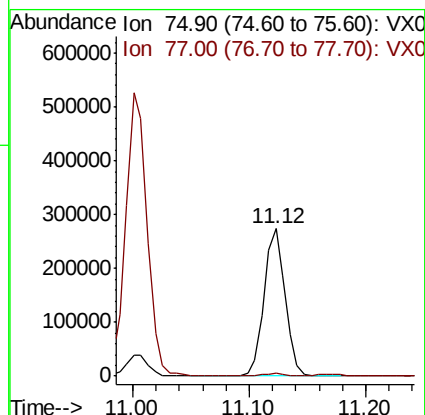
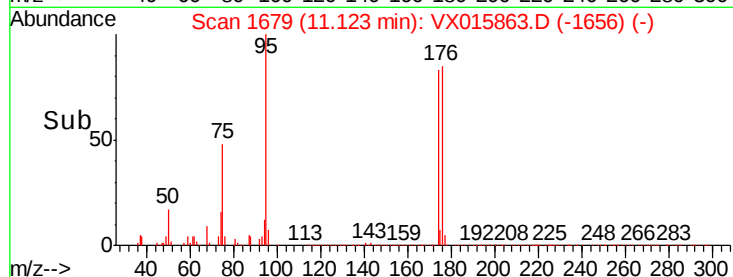
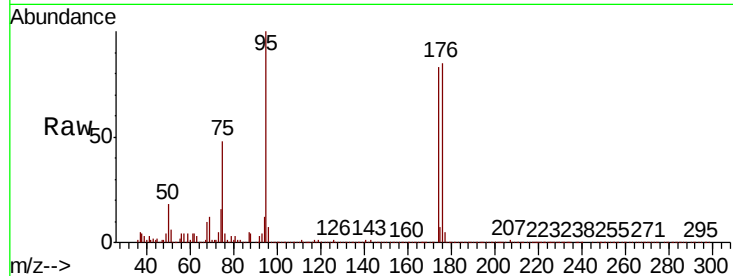




#76
1,2,3-Trichloropropane
Concen: 24.375 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.16 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

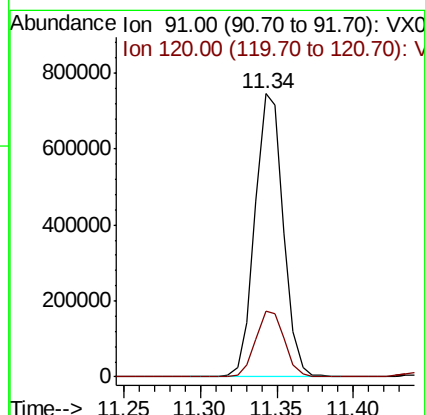
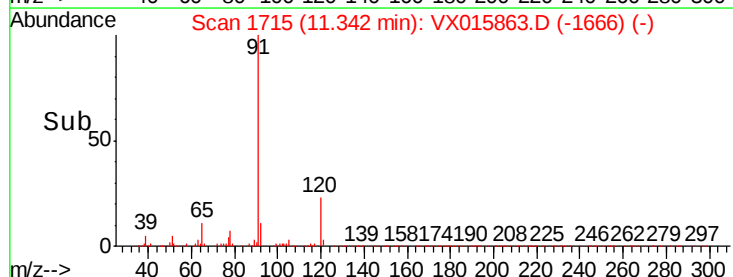
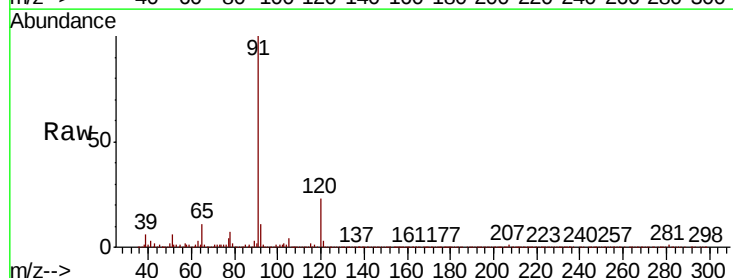
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

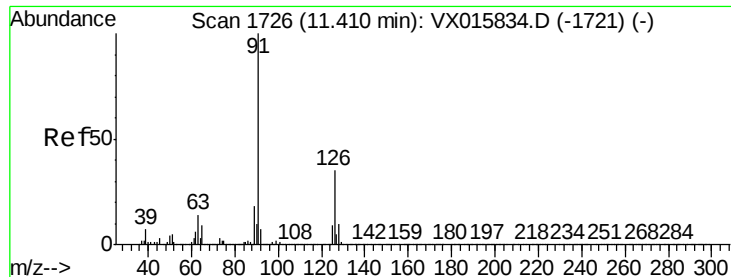
Tot Ion: 75 Resp: 344490
Ion Ratio Lower Upper
75 100
77 0.0 21.3 63.9#



#78
n-propylbenzene
Concen: 17.763 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion: 91 Resp: 960462
Ion Ratio Lower Upper
91 100
120 23.6 11.7 35.1

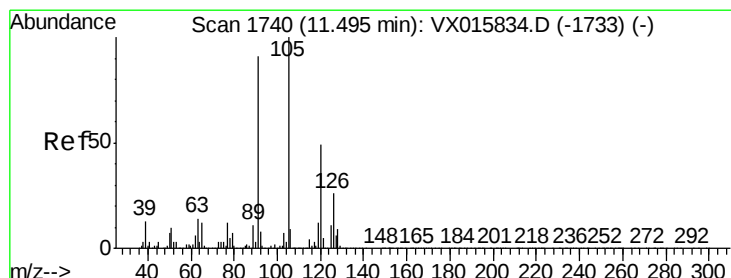
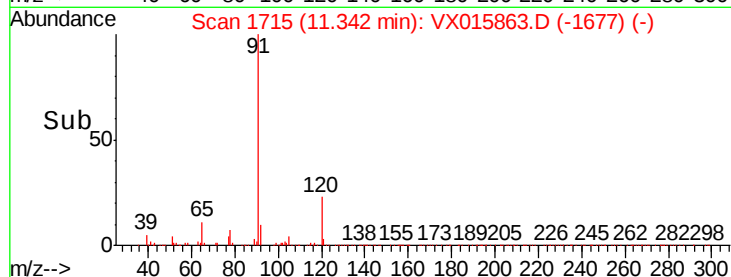
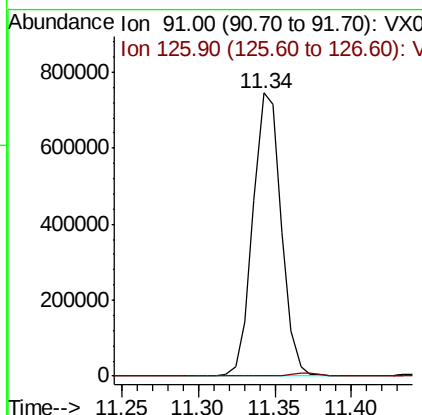
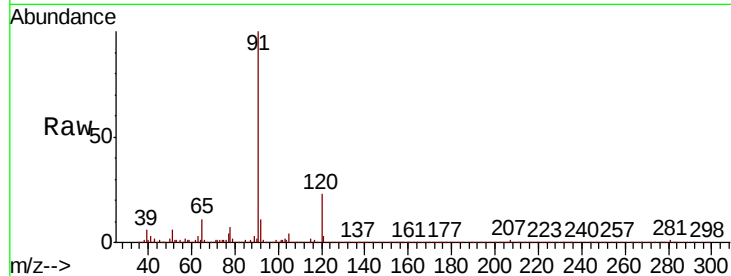




#79
 2-Chlorotoluene
 Concen: 29.571 ug/l
 RT: 11.34 min Scan# 1715
 Delta R.T. -0.07 min
 Lab File: VX015863.D
 Acq: 23 Apr 2020 00:56

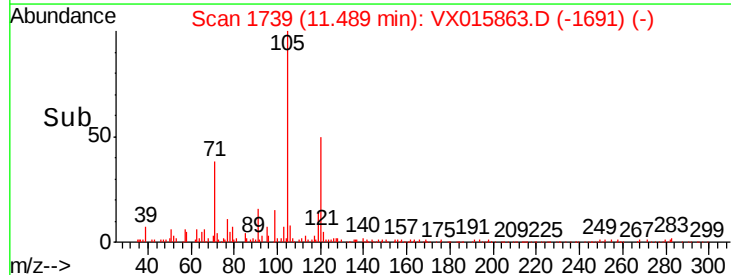
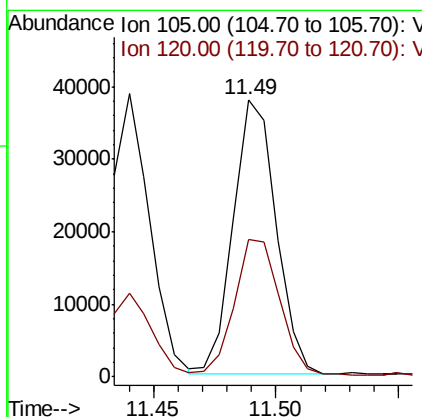
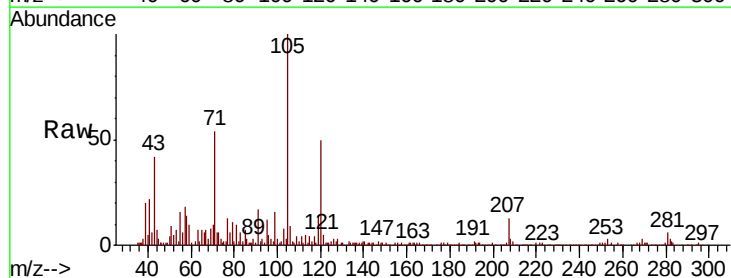
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001IW091-200421

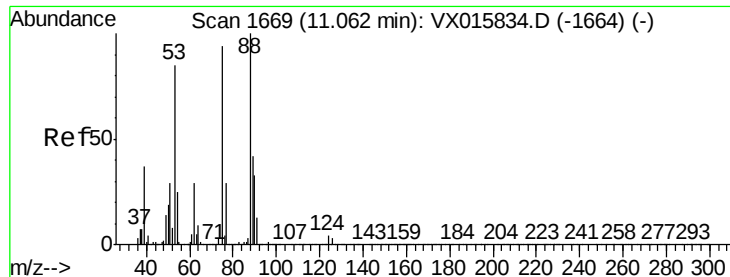
Tot Ion: 91 Resp: 960462
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.140 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015863.D
 Acq: 23 Apr 2020 00:56

Tgt Ion: 105 Resp: 45895
 Ion Ratio Lower Upper
 105 100
 120 53.0 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 8.689 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.06 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

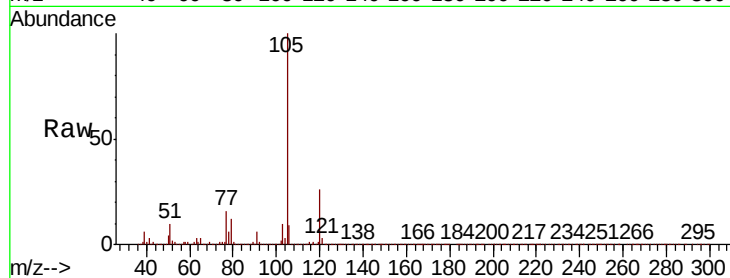
Tot Ion: 75 Resp: 51049

Ion Ratio Lower Upper

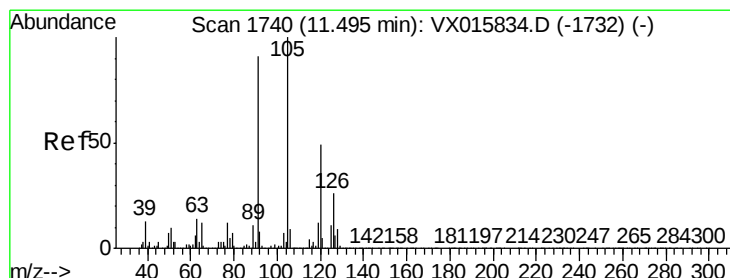
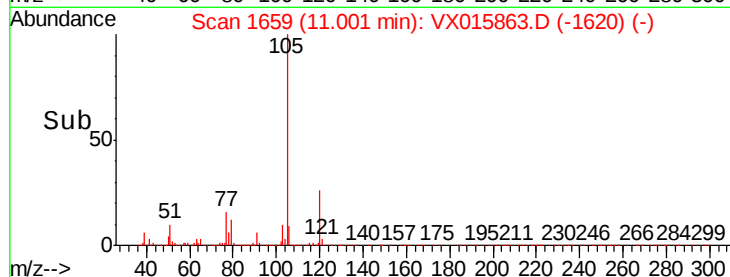
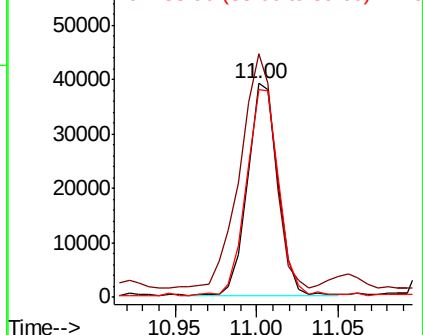
75 100

53 132.2 74.2 111.2#

89 103.7 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 2.336 ug/l

RT: 11.65 min Scan# 1766

Delta R.T. 0.16 min

Lab File: VX015863.D

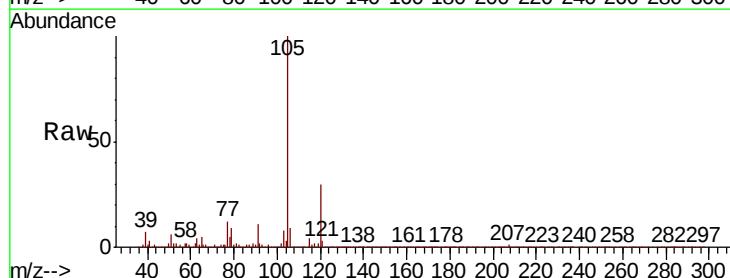
Acq: 23 Apr 2020 00:56

Tgt Ion: 91 Resp: 90160

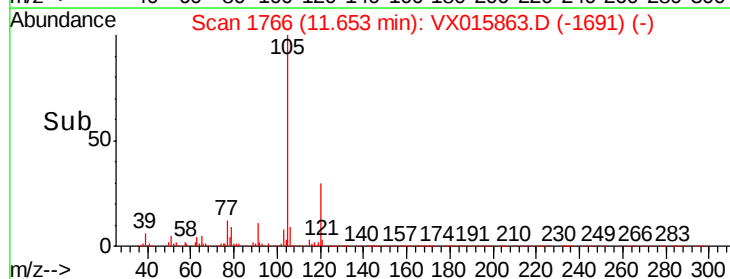
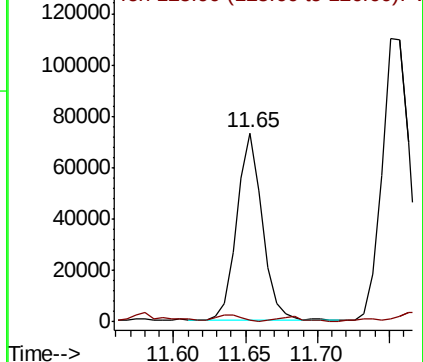
Ion Ratio Lower Upper

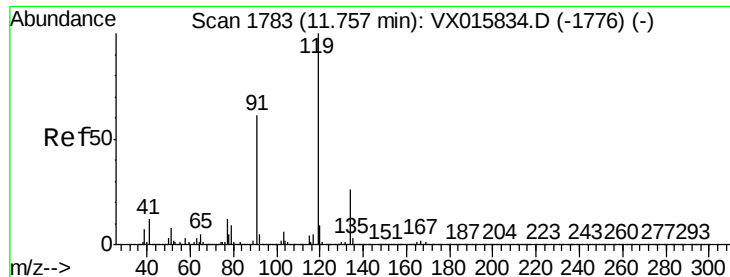
91 100

126 3.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

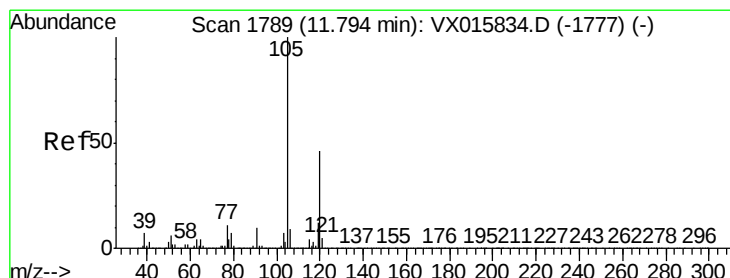
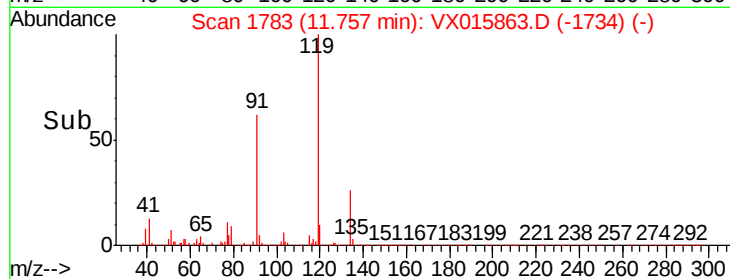
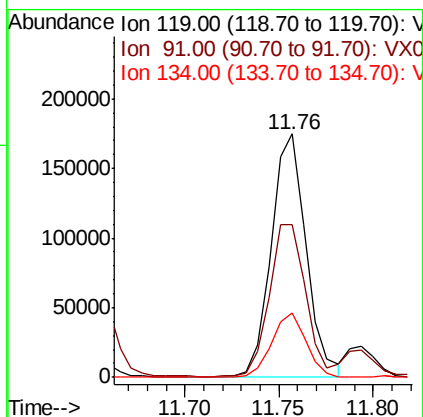
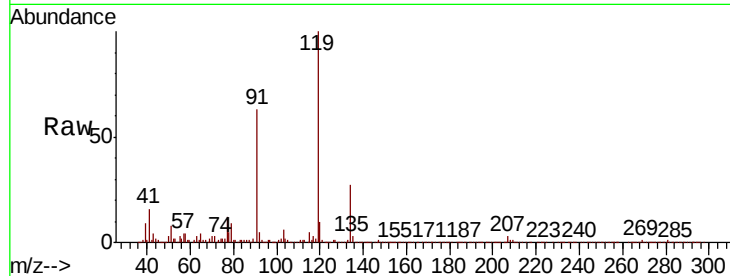




#83
tert-Butylbenzene
Concen: 6.268 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

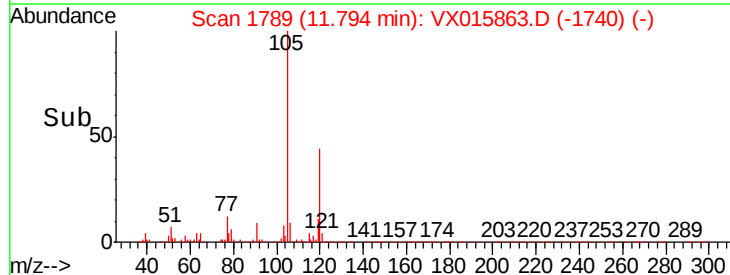
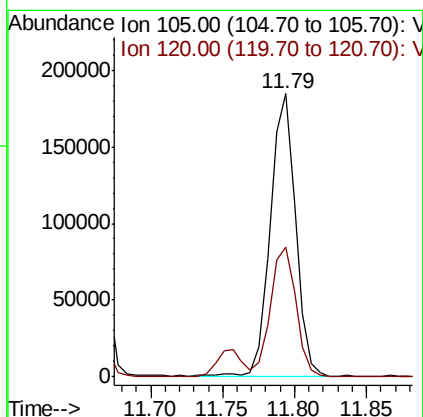
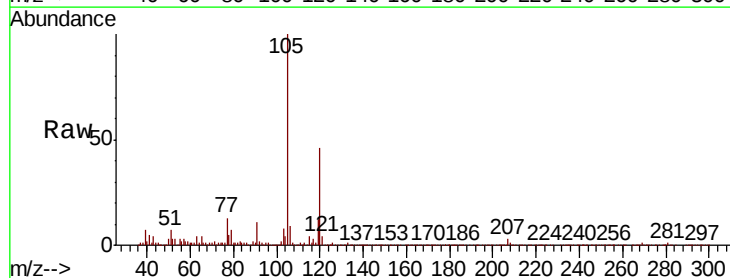
Instrument :
MSVOA_X
ClientSampleId :
KY001IW091-200421

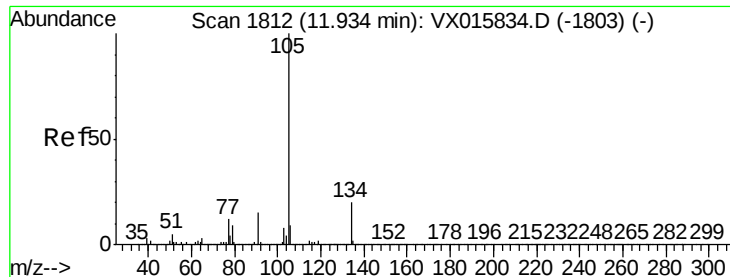
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.7	30.9	92.7
134	25.8	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 5.331 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015863.D
Acq: 23 Apr 2020 00:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.7





#85

sec-Butylbenzene

Concen: 12.036 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

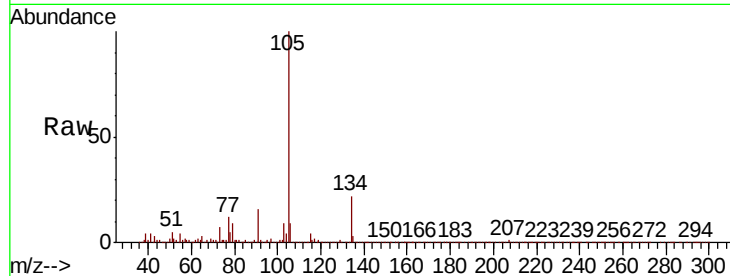
KY001IW091-200421

Tot Ion:105 Resp: 566457

Ion Ratio Lower Upper

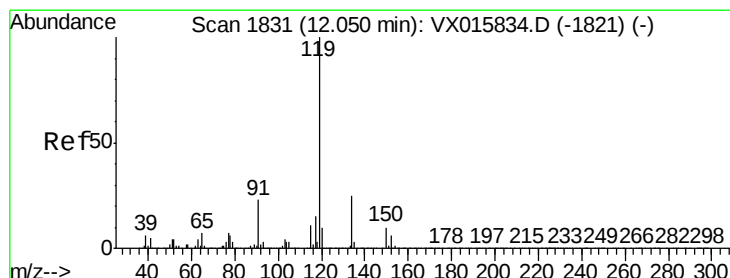
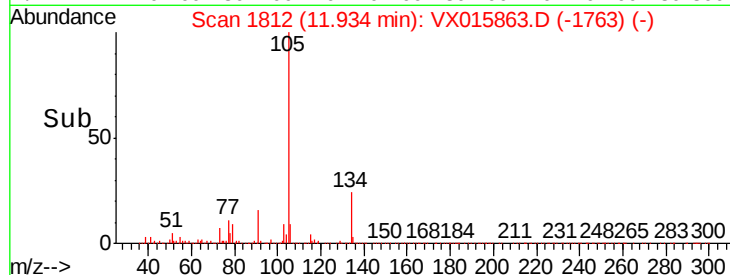
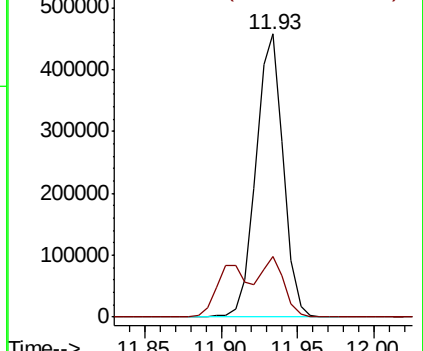
105 100

134 17.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.852 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

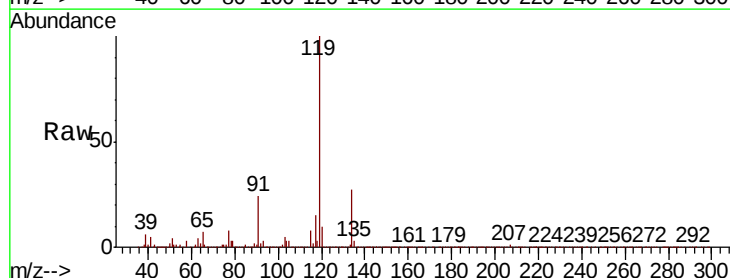
Tgt Ion:119 Resp: 873615

Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

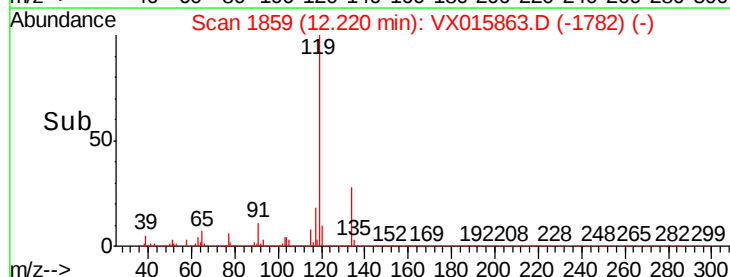
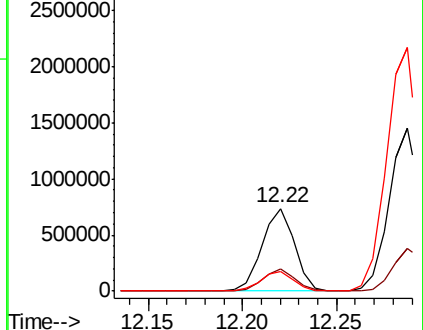
91 24.4 11.5 34.5

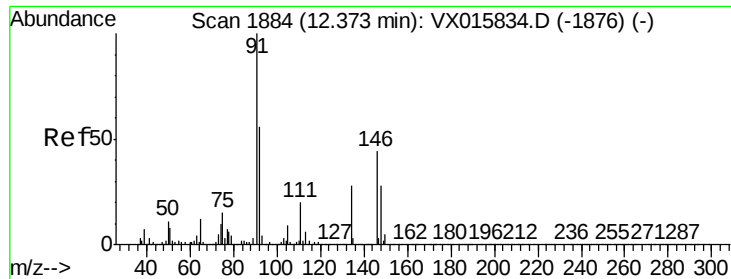


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#89

n-Butylbenzene

Concen: 4.415 ug/l

RT: 12.35 min Scan# 1881

Delta R.T. -0.02 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

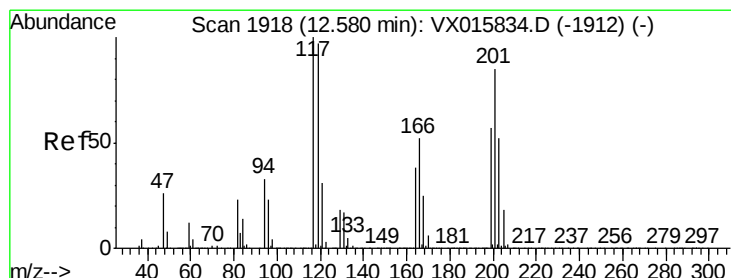
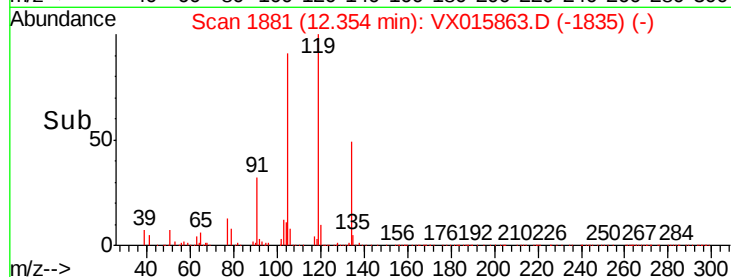
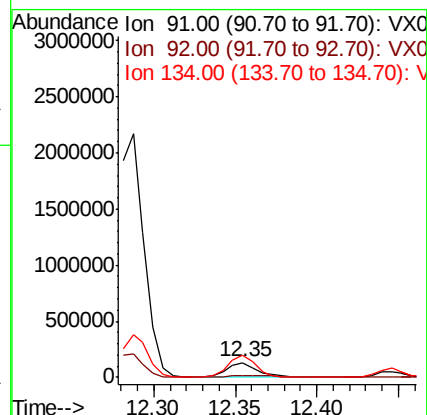
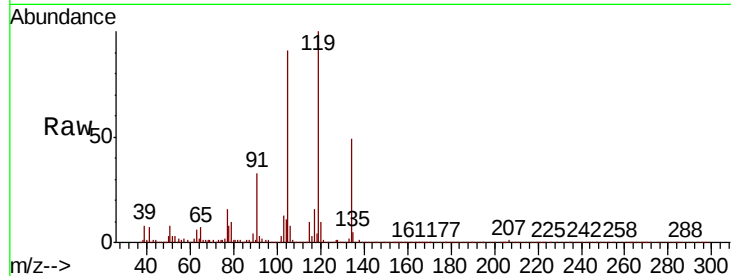
Tot Ion: 91 Resp: 173705

Ion Ratio Lower Upper

91 100

92 16.0 27.7 83.1#

134 133.5 14.1 42.4#



#90

Hexachloroethane

Concen: 208.840 ug/l

RT: 12.68 min Scan# 1935

Delta R.T. 0.10 min

Lab File: VX015863.D

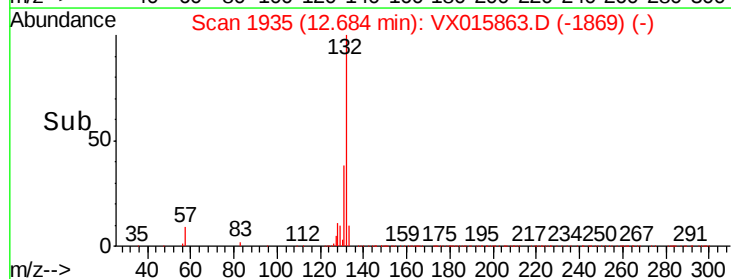
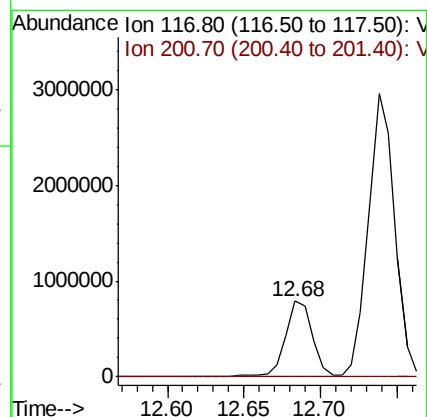
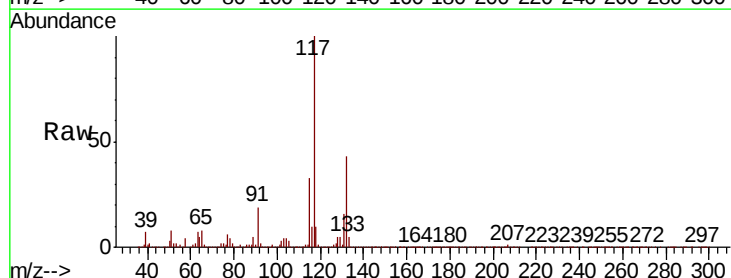
Acq: 23 Apr 2020 00:56

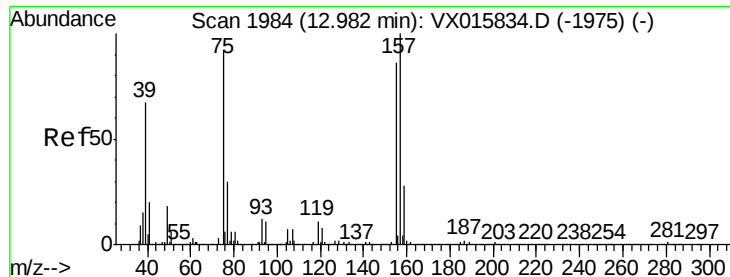
Tgt Ion: 117 Resp: 970873

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.119 ug/l

RT: 12.96 min Scan# 1980

Delta R.T. -0.02 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

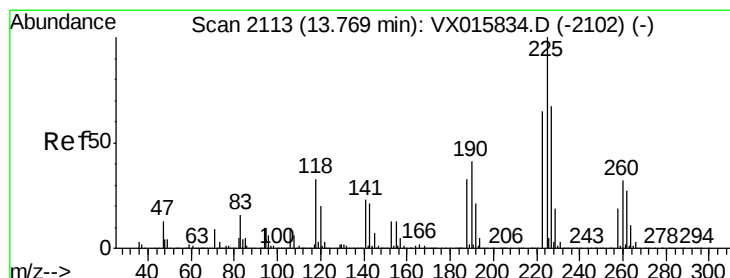
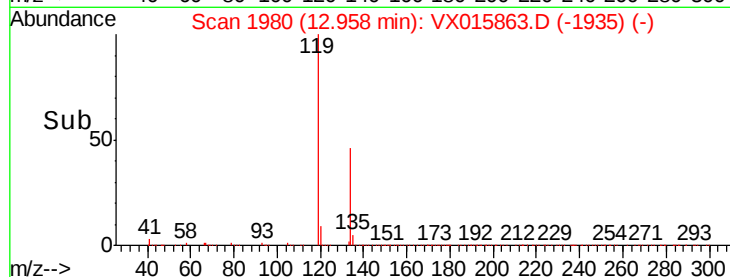
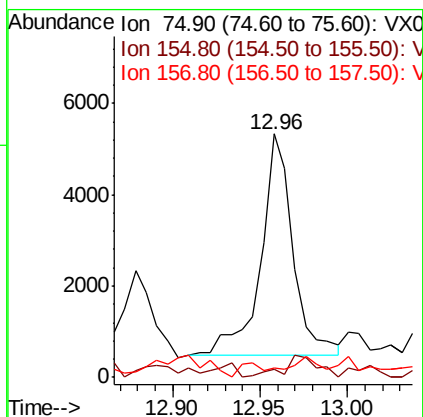
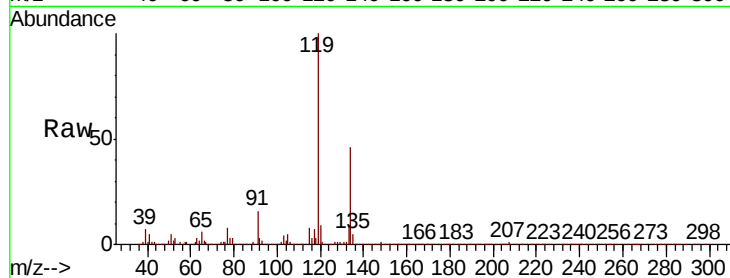
Tot Ion: 75 Resp: 6278

Ion Ratio Lower Upper

75 100

155 9.9 48.1 144.4#

157 4.8 58.9 176.7#



#94

Hexachlorobutadiene

Concen: 0.248 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

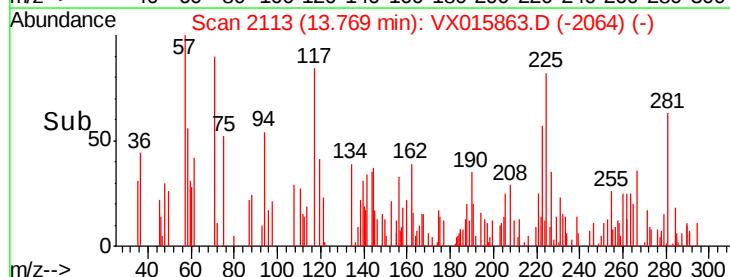
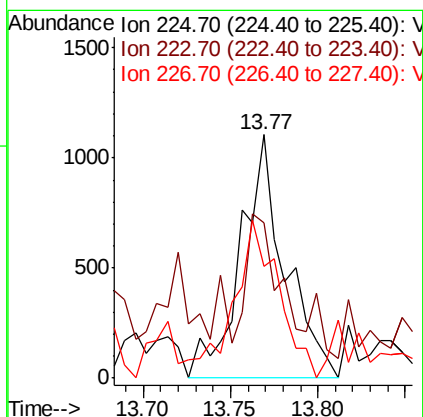
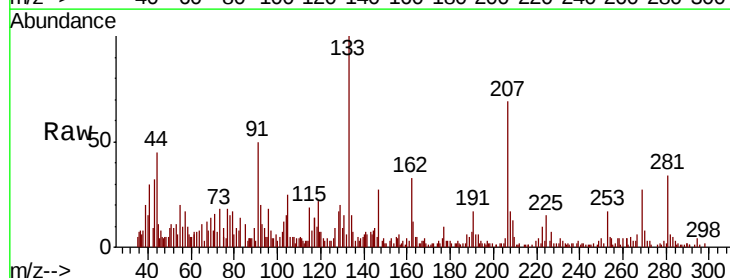
Tgt Ion: 225 Resp: 1964

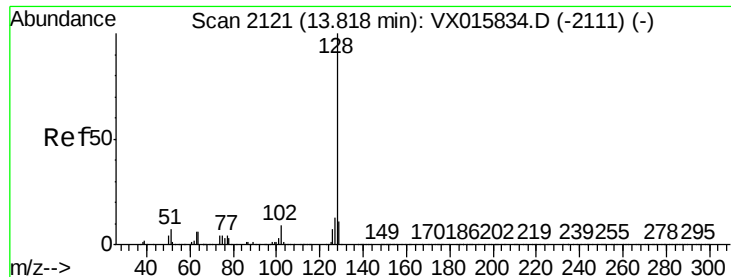
Ion Ratio Lower Upper

225 100

223 59.8 31.3 93.8

227 64.6 32.6 97.8





#95

Naphthalene

Concen: 1.639 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015863.D

Acq: 23 Apr 2020 00:56

Instrument :

MSVOA_X

ClientSampleId :

KY001IW091-200421

Tot Ion:128 Resp: 83409

Ion Ratio Lower Upper

128 100

127 15.1 10.5 15.7

129 16.9 8.5 12.7#

