

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015893.D
 Acq On : 23 Apr 2020 16:16
 Operator : JC/SP
 Sample : L2380-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

Quant Time: Apr 24 03:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	828613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1260327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1275372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	691809	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	460656	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
35) Dibromofluoromethane	5.47	113	380154	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	8.70	98	1522568	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.12	95	645590	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	726	0.257	ug/l #	2
11) Tert butyl alcohol	3.01	59	60870	31.612	ug/l #	73
13) Acrolein	2.30	56	488	0.428	ug/l #	15
16) Acetone	2.42	43	11823	2.881	ug/l #	84
17) Carbon Disulfide	2.55	76	15666	0.594	ug/l #	90
18) Methyl Acetate	2.83	43	163366	12.059	ug/l #	53
19) Methyl tert-butyl Ether	3.17	73	589142	22.994	ug/l #	13
30) Chloroform	5.25	83	22943	1.574	ug/l #	56
31) Cyclohexane	5.55	56	383129	27.825	ug/l #	93
36) 1,1-Dichloropropene	5.64	75	54265	4.857	ug/l #	53
38) Carbon Tetrachloride	5.63	117	75929	6.899	ug/l #	16
39) Methylcyclohexane	7.44	83	727570	51.422	ug/l	91
40) Benzene	6.12	78	389829	11.584	ug/l	98
41) Methacrylonitrile	5.03	41	4106	0.556	ug/l #	35
43) Isopropyl Acetate	6.43	43	37432	1.669	ug/l #	65
45) 1,2-Dichloropropane	7.45	63	9888	1.121	ug/l #	1
46) Dibromomethane	7.62	93	3135	0.487	ug/l #	1
47) Bromodichloromethane	7.82	83	15929	1.391	ug/l #	29
48) Methyl methacrylate	7.72	41	64393	5.836	ug/l #	47
49) 1,4-Dioxane	7.73	88	1280	6.138	ug/l #	40
51) 4-Methyl-2-Pentanone	8.65	43	69077	5.335	ug/l #	37
52) Toluene	8.77	92	66002	3.060	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	295765	35.116	ug/l #	18
56) Ethyl methacrylate	9.15	69	69309	4.858	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.28	63	3154	0.443	ug/l #	84
59) 2-Hexanone	9.50	43	14638	1.484	ug/l	94
67) Ethyl Benzene	10.24	91	278735	6.224	ug/l	98
68) m/p-Xylenes	10.34	106	36299	2.159	ug/l	91
69) o-Xylene	10.68	106	25286	1.529	ug/l	93
73) Isopropylbenzene	11.00	105	14074546	320.337	ug/l	83
74) N-amyl acetate	10.89	43	8009	0.353	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	2861	0.308	ug/l #	1
76) 1,2,3-Trichloropropane	11.35	75	149484	11.363	ug/l #	1
78) n-propylbenzene	11.34	91	15221443	302.423	ug/l #	73

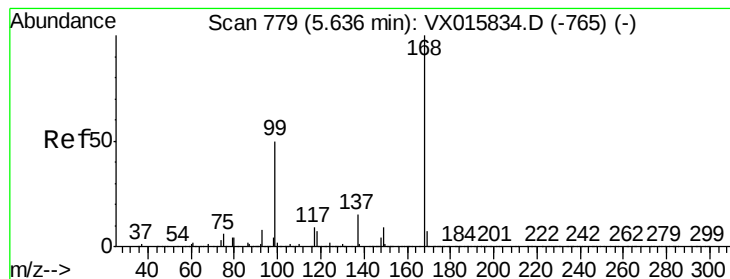
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.34	91	15221443	503.465	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.65	105	1130696	30.181	ug/l	72
81) trans-1,4-Dichloro-2-buten	11.01	75	217288	39.733	ug/l #	62
82) 4-Chlorotoluene	11.34	91	15221443	423.684	ug/l #	45
83) tert-Butylbenzene	11.76	119	187725	5.649	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	82526	2.122	ug/l	97
85) sec-Butylbenzene	11.93	105	1701612	38.843	ug/l	93
86) p-Isopropyltoluene	12.22	119	1020993	24.925	ug/l	98
89) n-Butylbenzene	12.37	91	953930	26.046	ug/l #	61
90) Hexachloroethane	12.65	117	649782	150.156	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	59026	21.406	ug/l #	1
95) Naphthalene	13.82	128	253640	5.353	ug/l #	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

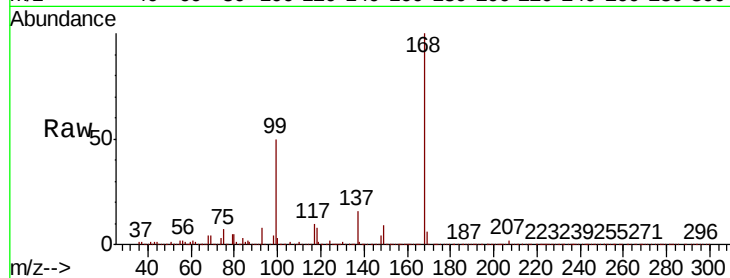
KY001MW019-200421

Tot Ion:168 Resp: 828613

Ion Ratio Lower Upper

168 100

99 49.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

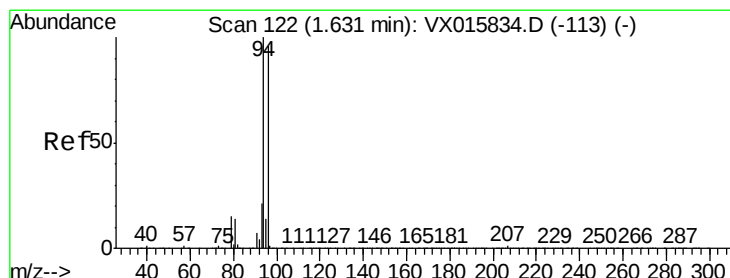
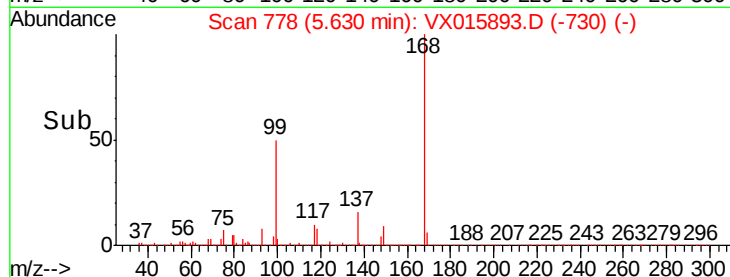
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: 0.257 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015893.D

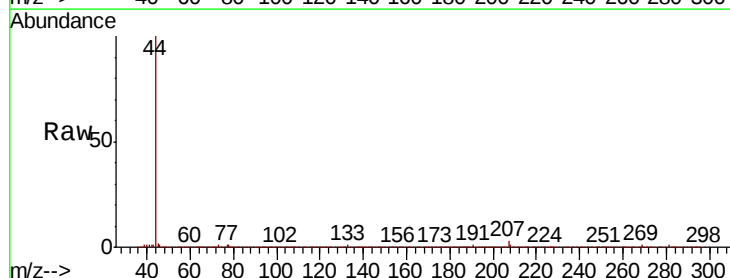
Acq: 23 Apr 2020 16:16

Tgt Ion: 94 Resp: 726

Ion Ratio Lower Upper

94 100

96 0.0 76.7 115.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

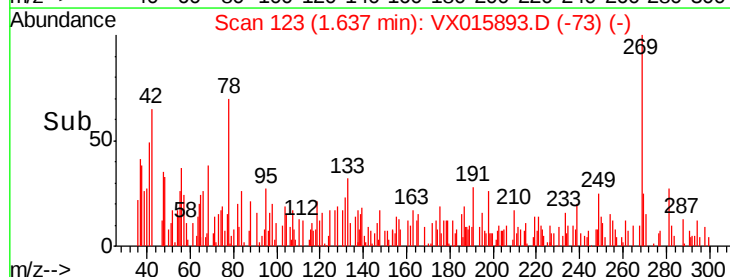
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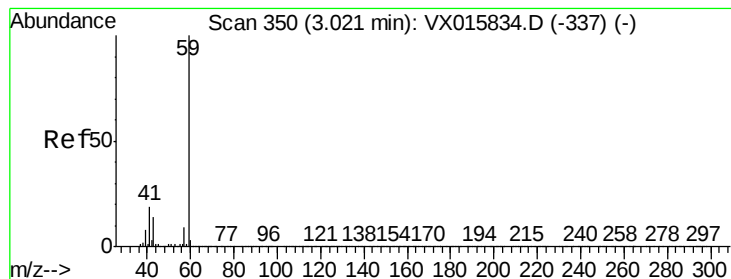
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 31.612 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

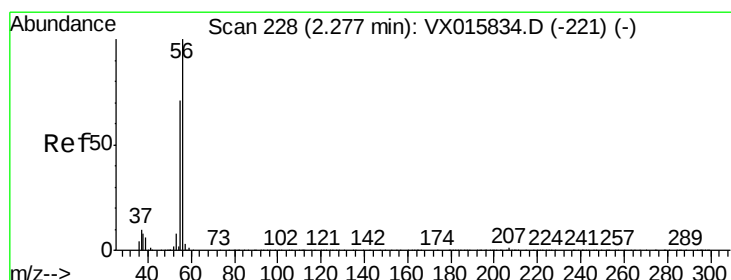
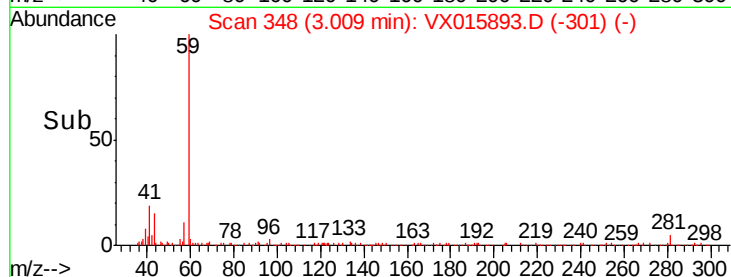
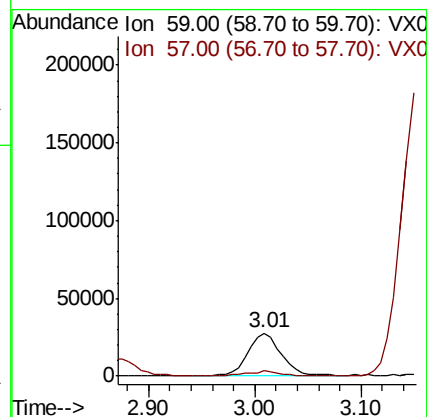
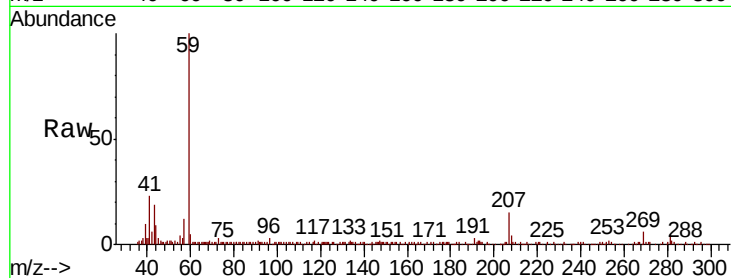
KY001MW019-200421

Tot Ion: 59 Resp: 60870

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.428 ug/l

RT: 2.30 min Scan# 231

Delta R.T. 0.02 min

Lab File: VX015893.D

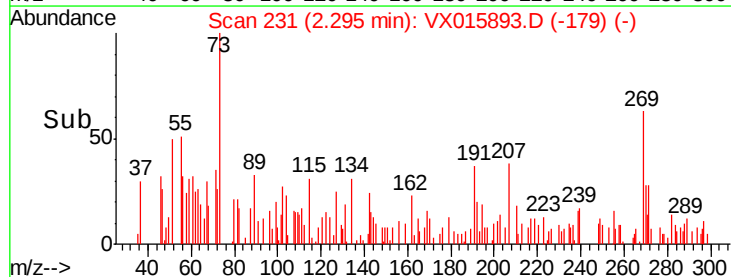
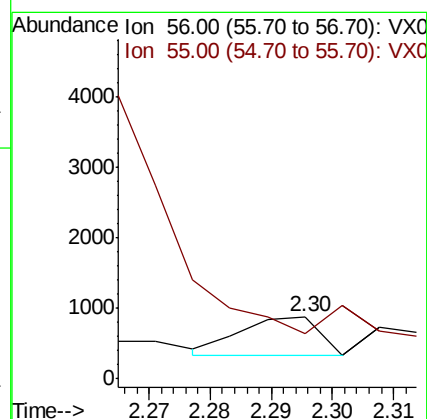
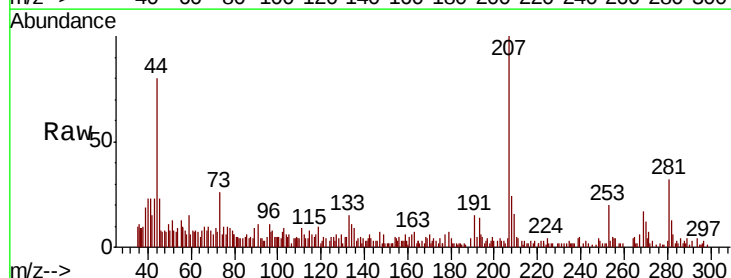
Acq: 23 Apr 2020 16:16

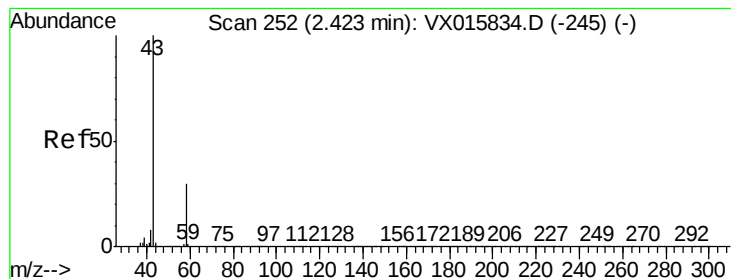
Tgt Ion: 56 Resp: 488

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#





#16

Acetone

Concen: 2.881 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

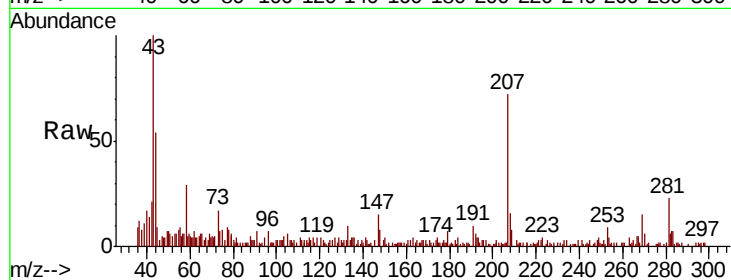
KY001MW019-200421

Tot Ion: 43 Resp: 11823

Ion Ratio Lower Upper

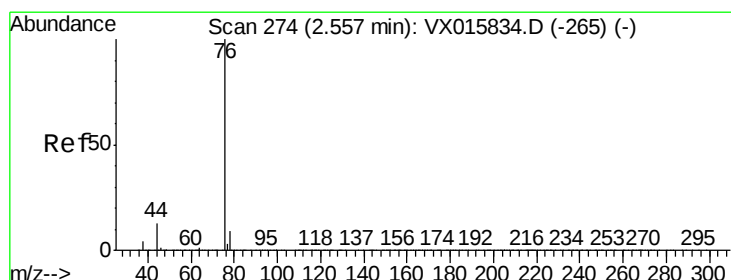
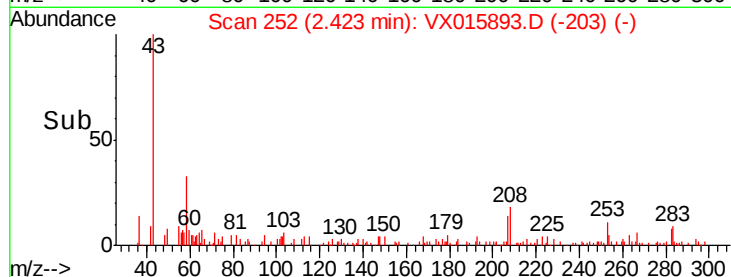
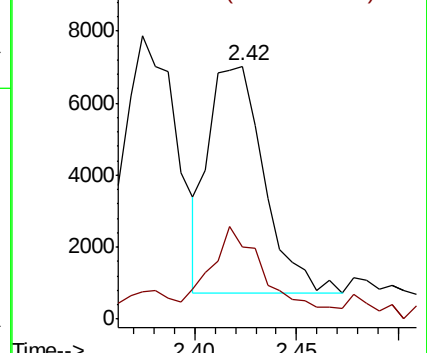
43 100

58 21.1 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.594 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015893.D

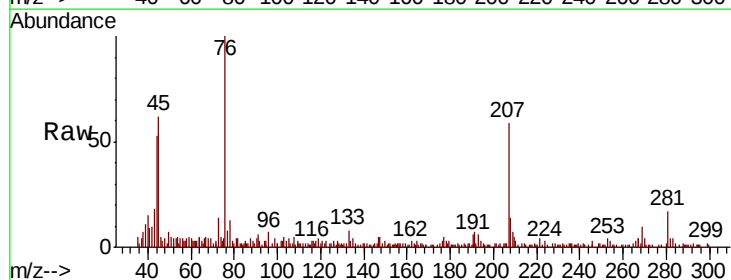
Acq: 23 Apr 2020 16:16

Tgt Ion: 76 Resp: 15666

Ion Ratio Lower Upper

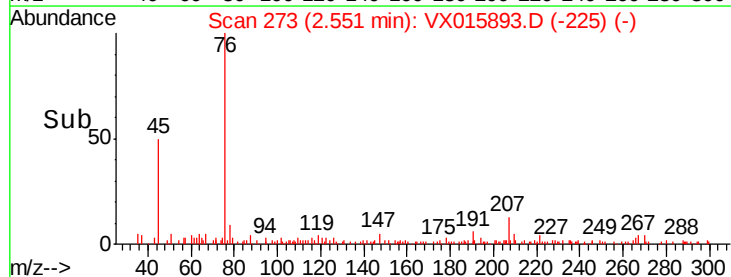
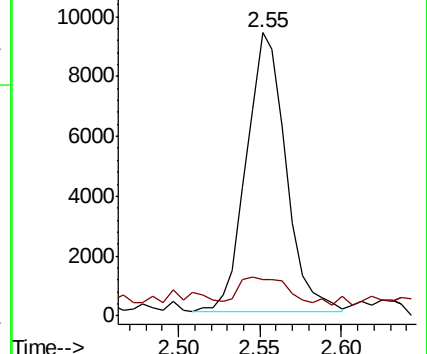
76 100

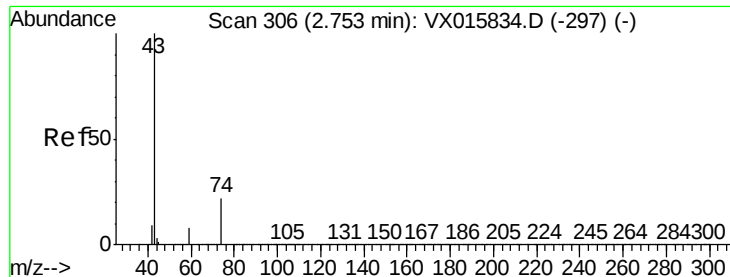
78 5.6 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

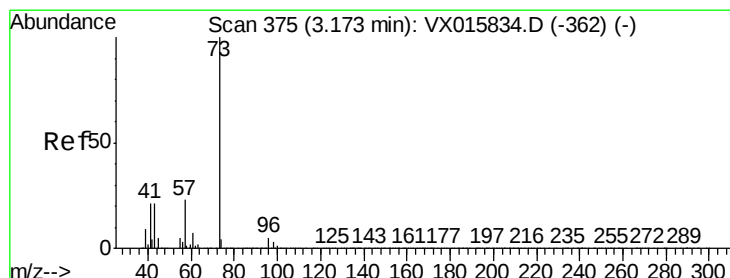
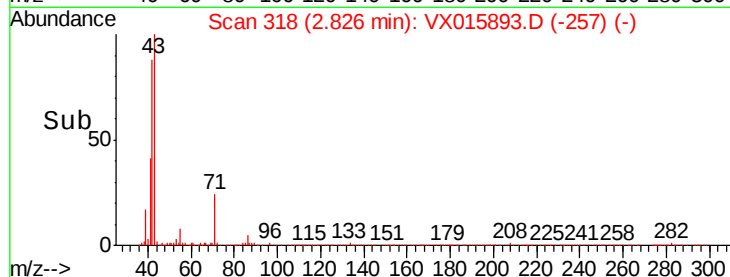
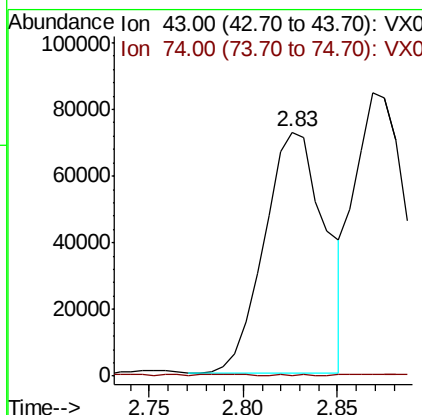
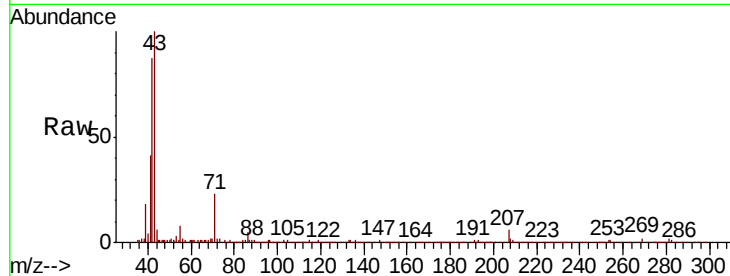




#18
Methyl Acetate
Concen: 12.059 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.07 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

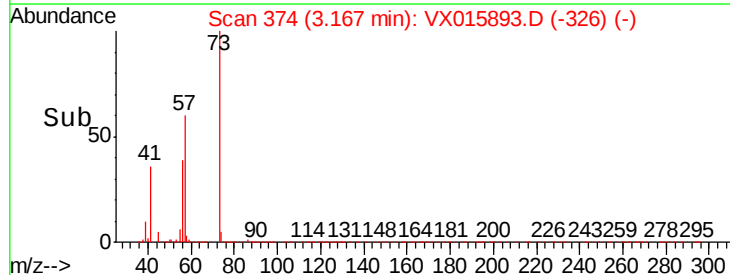
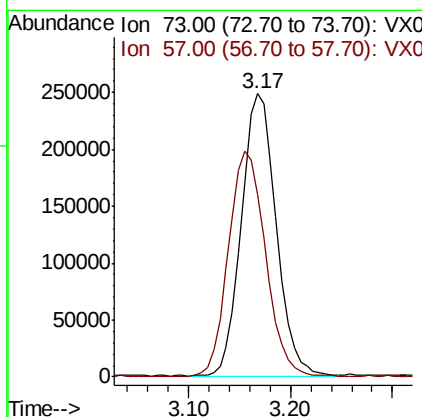
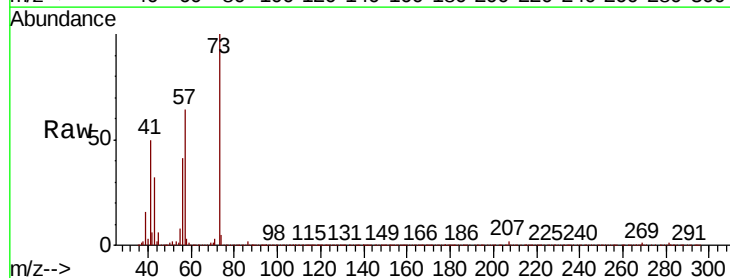
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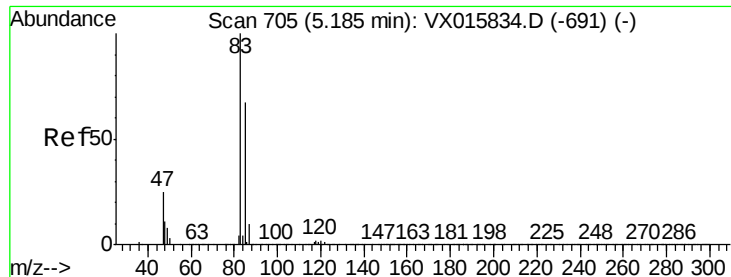
Tot Ion: 43 Resp: 163366
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 22.994 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 73 Resp: 589142
Ion Ratio Lower Upper
73 100
57 64.3 18.1 27.1#

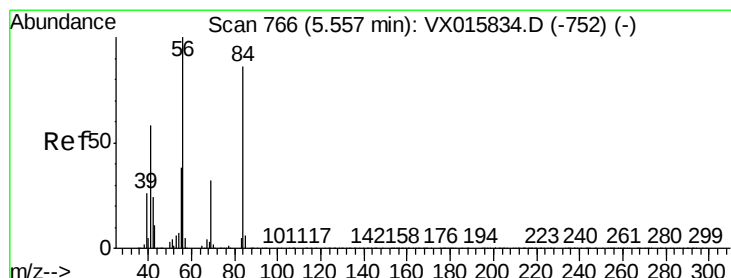
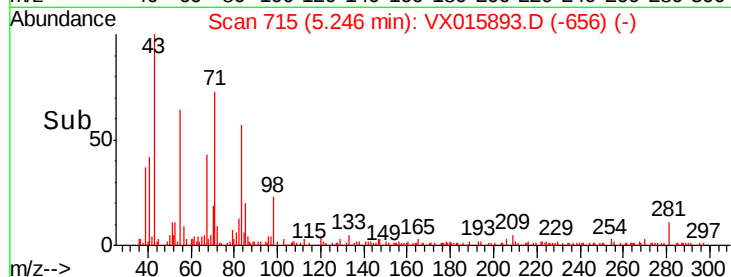
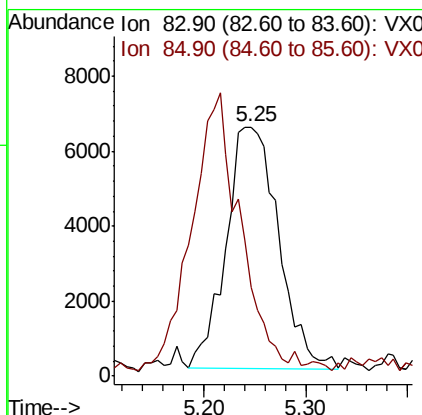
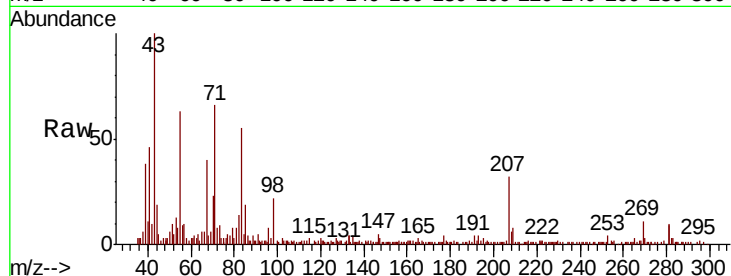




#30
Chloroform
Concen: 1.574 ug/l
RT: 5.25 min Scan# 715
Delta R.T. 0.06 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

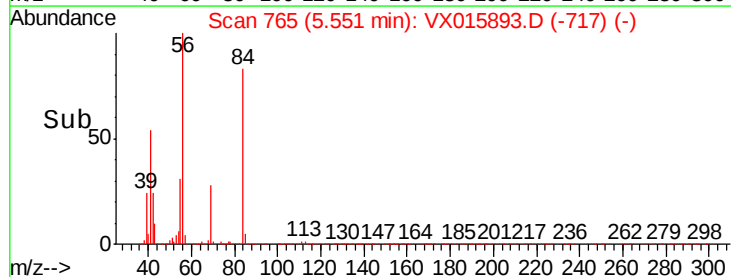
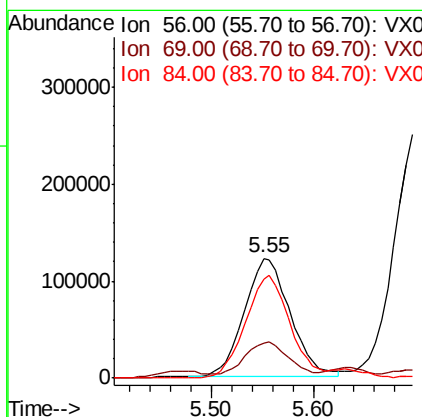
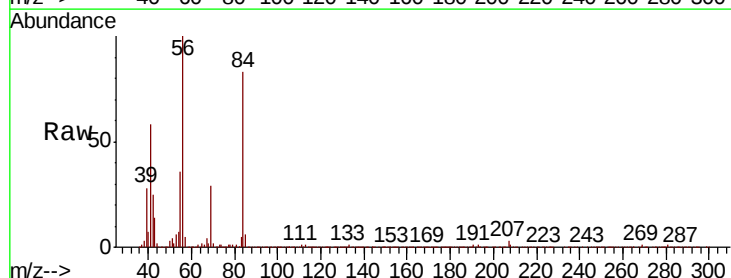
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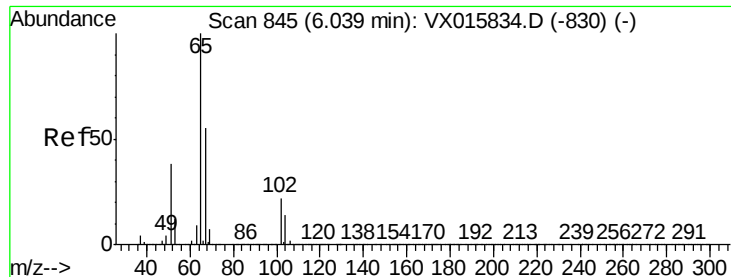
Tot Ion: 83 Resp: 22943
Ion Ratio Lower Upper
83 100
85 31.1 53.4 80.0#



#31
Cyclohexane
Concen: 27.825 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 56 Resp: 383129
Ion Ratio Lower Upper
56 100
69 23.3 25.3 37.9#
84 83.2 69.1 103.7





#33

1,2-Dichloroethane-d4

Concen: 48.880 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

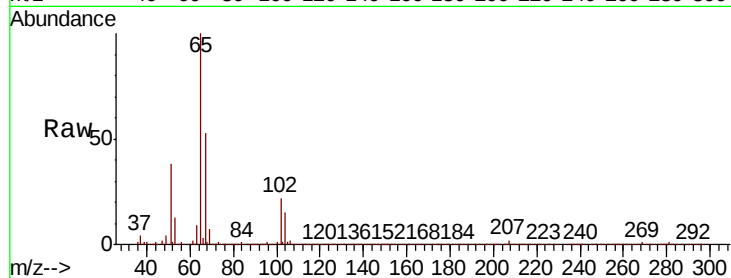
KY001MW019-200421

Tot Ion: 65 Resp: 460656

Ion Ratio Lower Upper

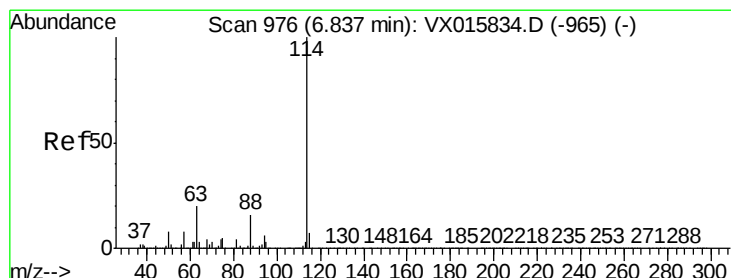
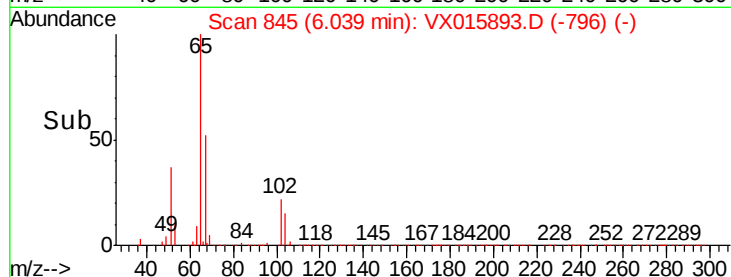
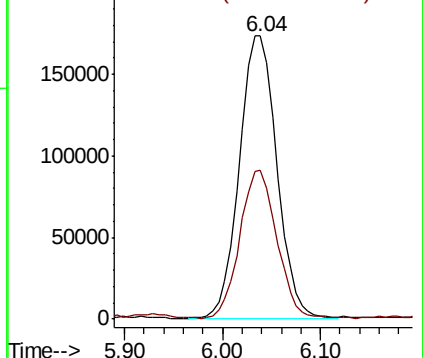
65 100

67 51.4 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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

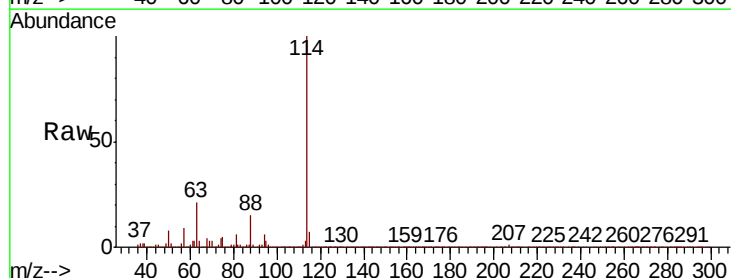
Tgt Ion: 114 Resp: 1260327

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

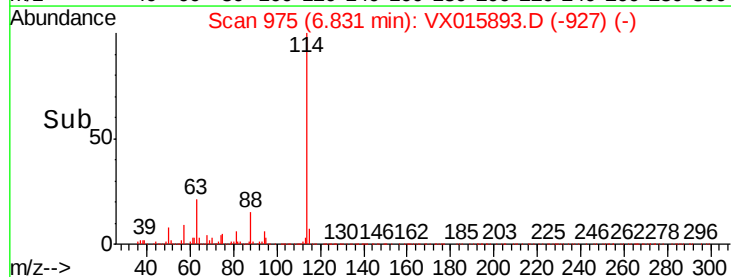
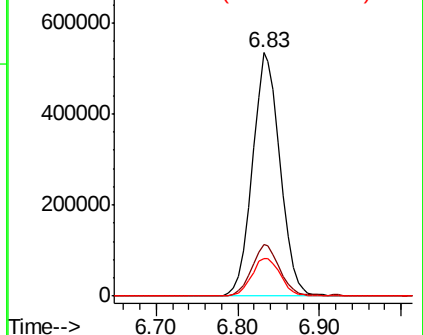
88 15.4 0.0 32.8

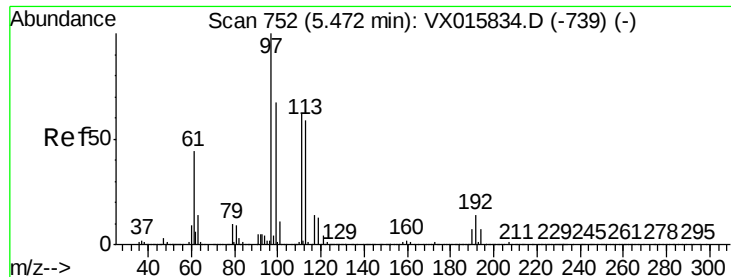


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

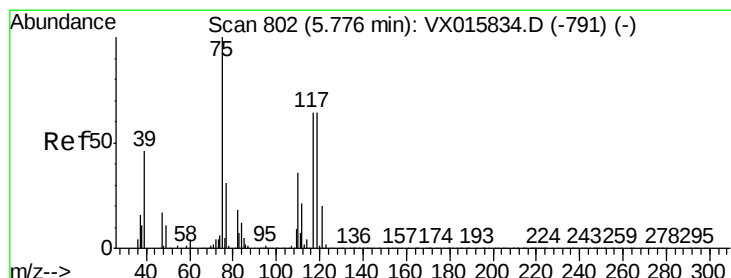
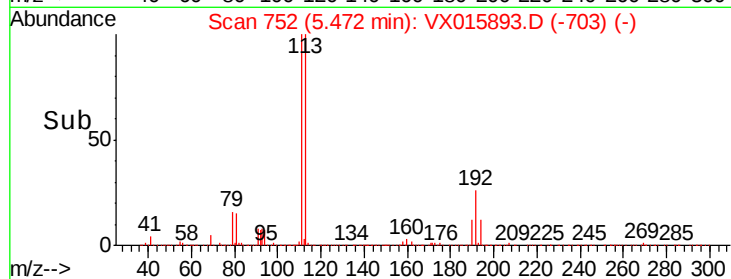
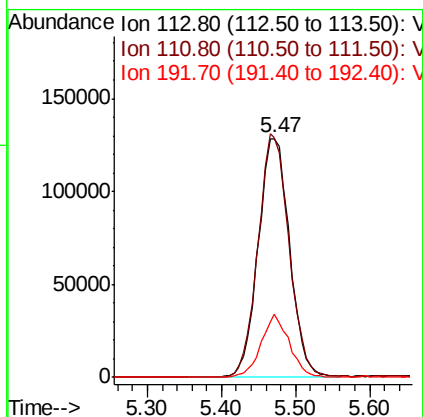
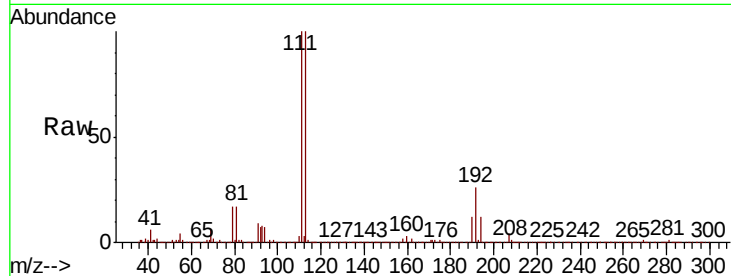




#35
 Dibromofluoromethane
 Concen: 52.255 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015893.D
 Acq: 23 Apr 2020 16:16

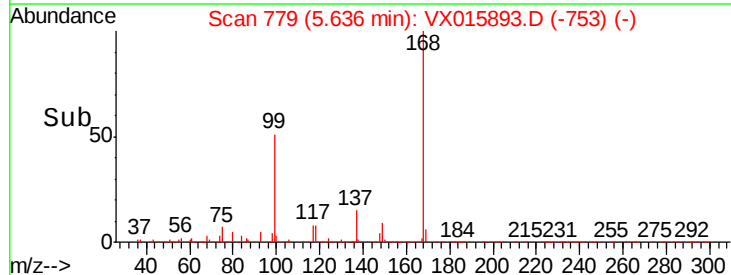
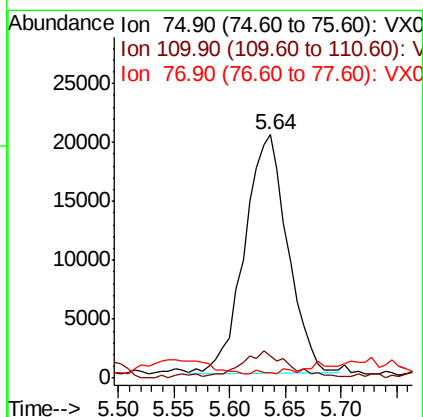
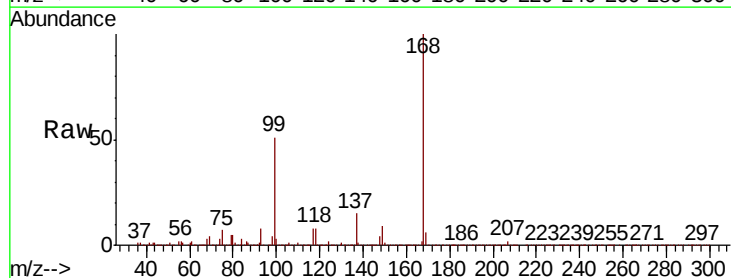
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

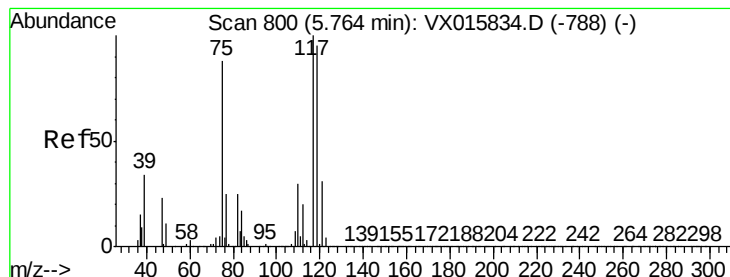
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.7	124.1
192	23.7	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 4.857 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015893.D
 Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.7	17.9	53.8#
77	0.4	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.899 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

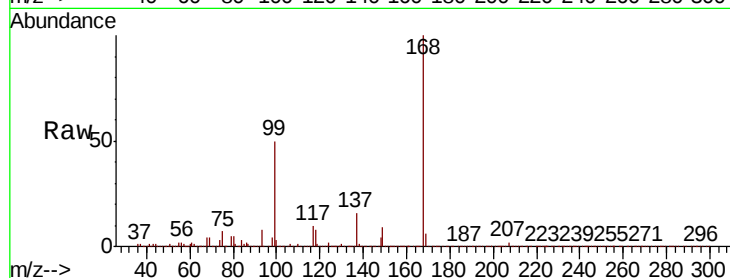
Tot Ion:117 Resp: 75929

Ion Ratio Lower Upper

117 100

119 3.9 75.7 113.5#

121 0.0 25.0 37.6#

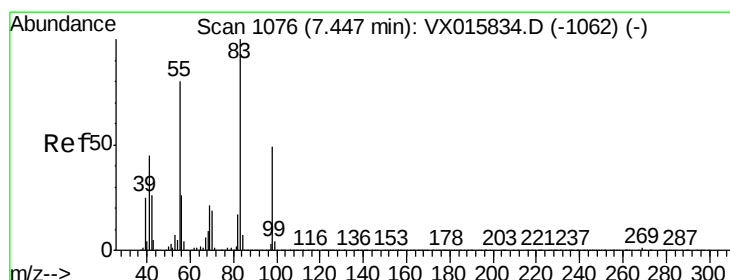
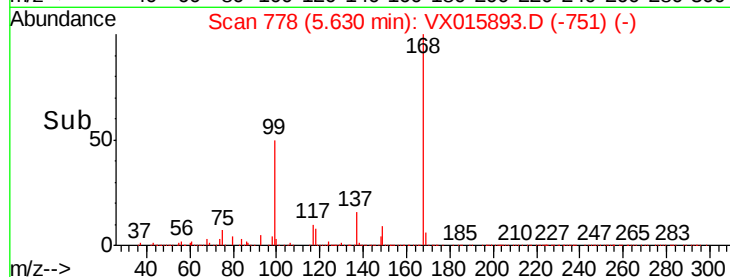
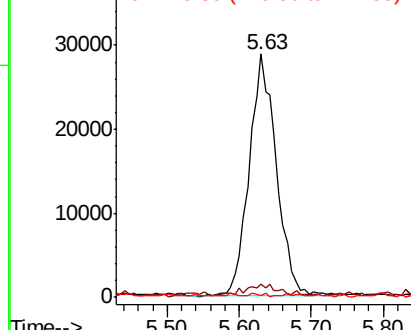


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 51.422 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

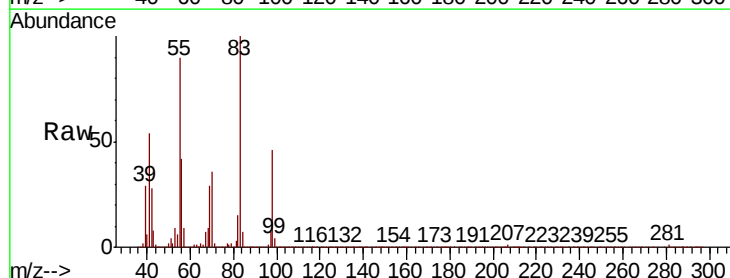
Tgt Ion: 83 Resp: 727570

Ion Ratio Lower Upper

83 100

55 90.1 64.2 96.4

98 46.1 39.3 58.9

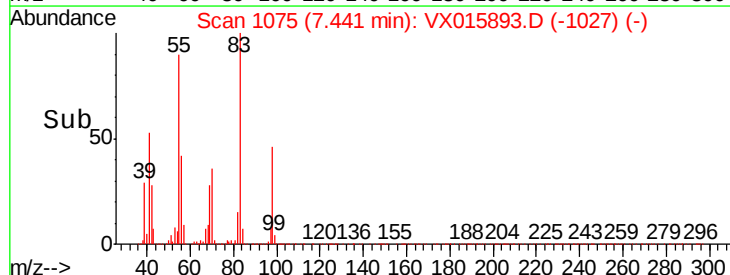
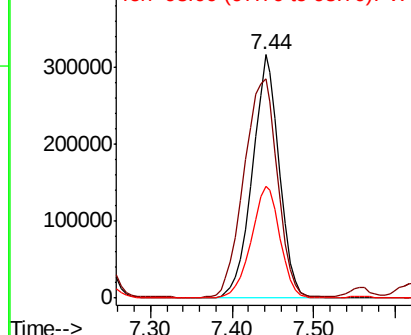


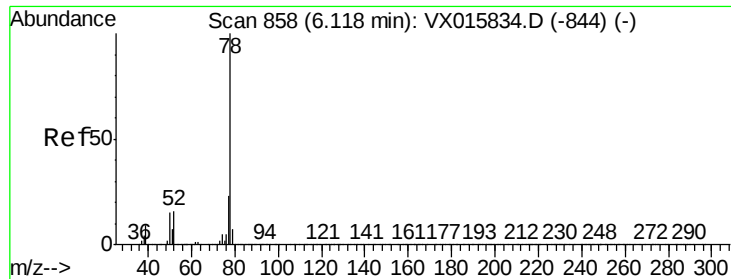
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 11.584 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

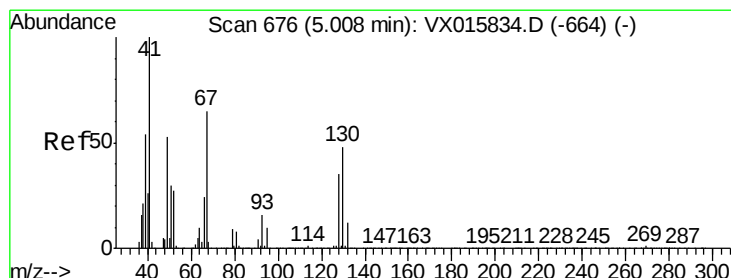
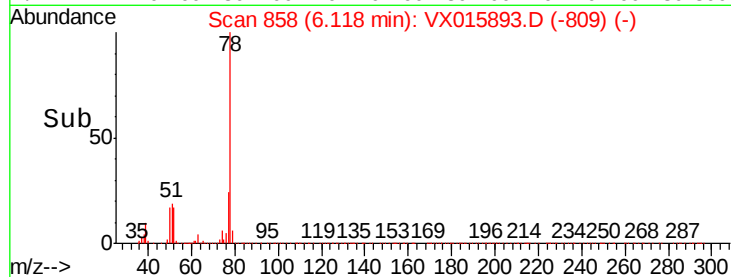
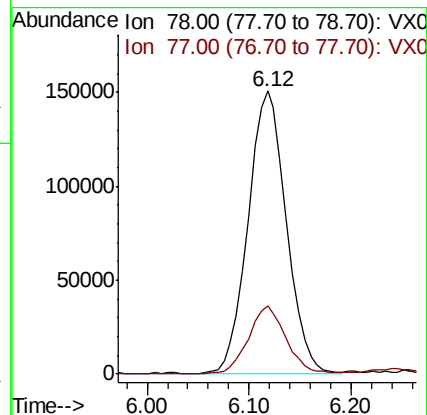
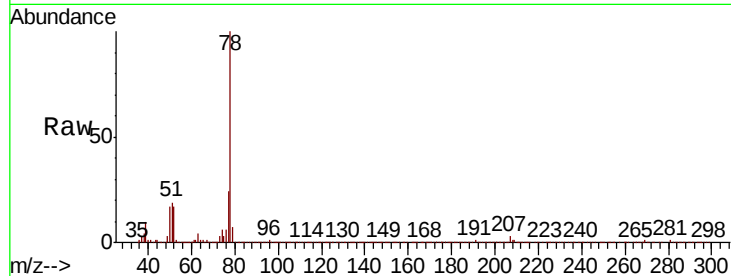
KY001MW019-200421

Tot Ion: 78 Resp: 389829

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8



#41

Methacrylonitrile

Concen: 0.556 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Tgt Ion: 41 Resp: 4106

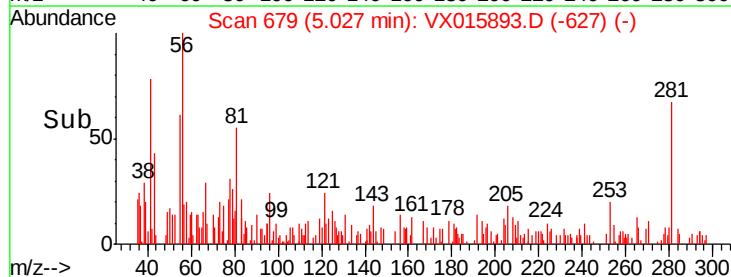
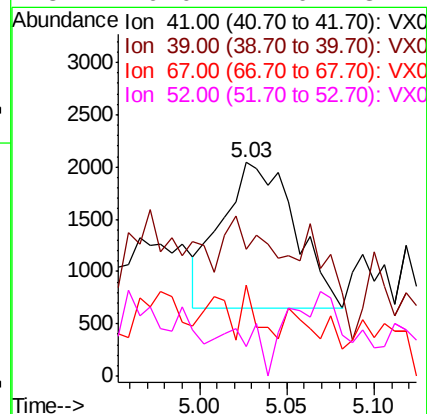
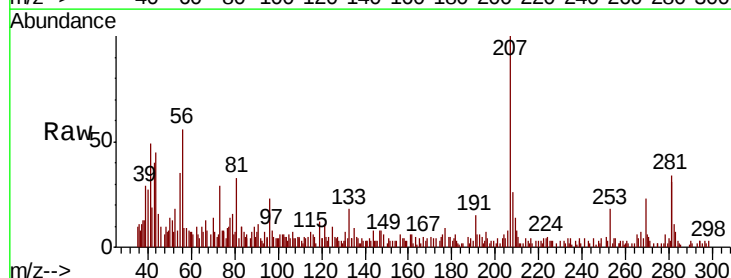
Ion Ratio Lower Upper

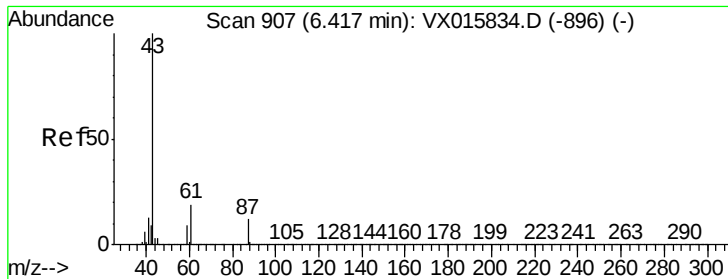
41 100

39 16.8 42.4 63.6#

67 0.0 51.9 77.9#

52 0.0 21.0 31.4#



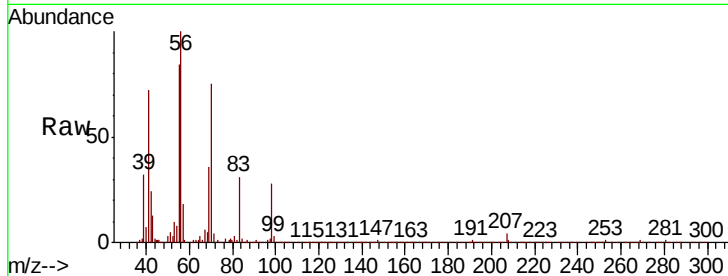


#43

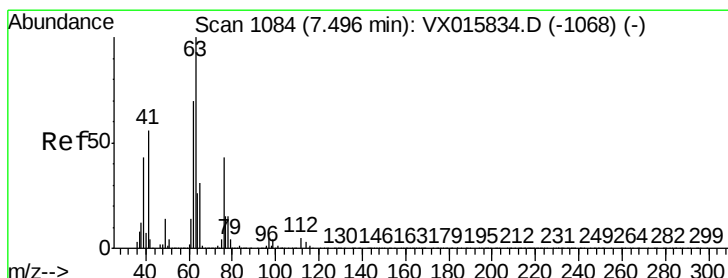
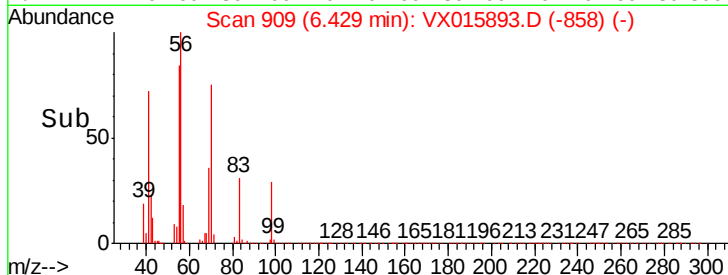
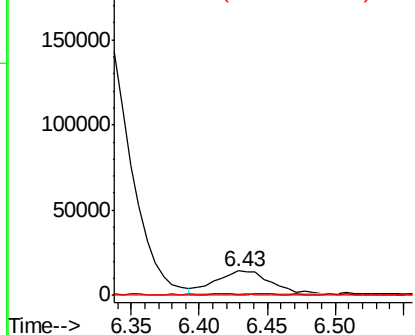
Isopropyl Acetate
 Concen: 1.669 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: VX015893.D
 Acq: 23 Apr 2020 16:16

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

Tot Ion	Ratio	Lower	Upper
43	100		
61	1.6	15.4	23.2#
87	1.1	9.8	14.6#



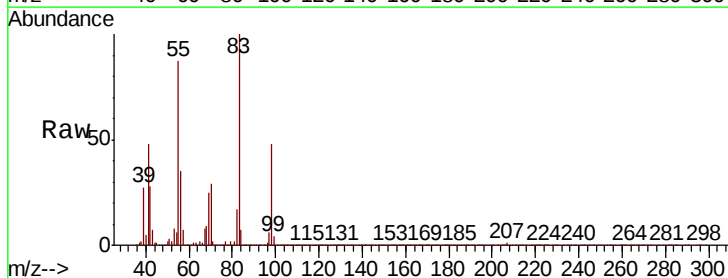
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



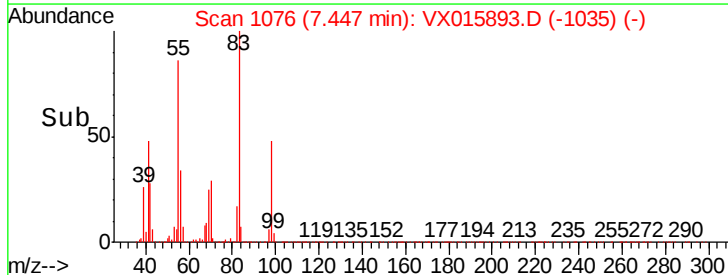
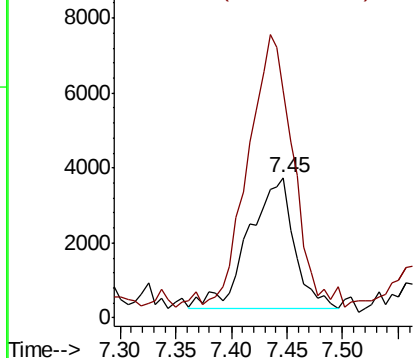
#45

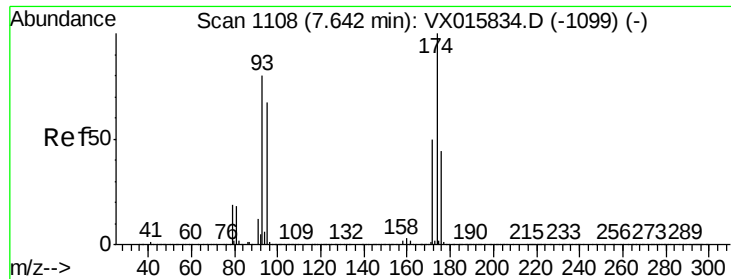
1,2-Dichloropropane
 Concen: 1.121 ug/l
 RT: 7.45 min Scan# 1076
 Delta R.T. -0.05 min
 Lab File: VX015893.D
 Acq: 23 Apr 2020 16:16

Tgt Ion	Ratio	Lower	Upper
63	100		
65	160.6	24.5	36.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.487 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

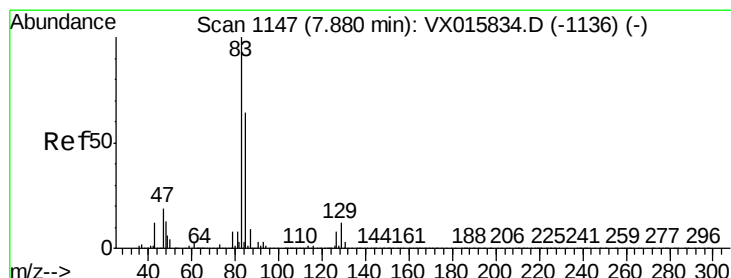
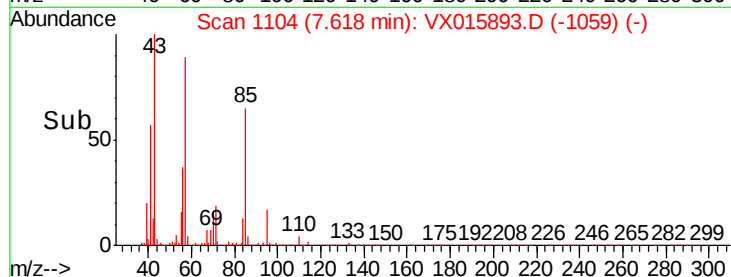
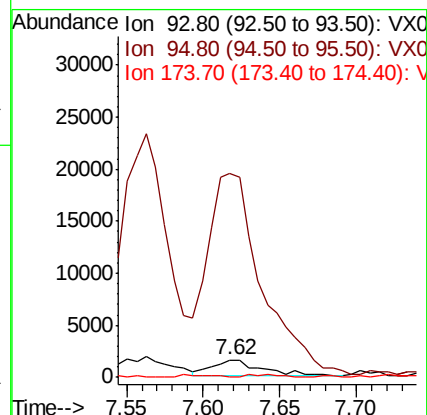
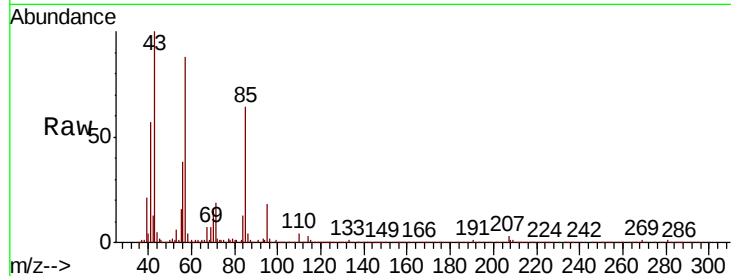
Tot Ion: 93 Resp: 3135

Ion Ratio Lower Upper

93 100

95 1509.6 65.8 98.8#

174 12.3 95.6 143.4#



#47

Bromodichloromethane

Concen: 1.391 ug/l

RT: 7.82 min Scan# 1138

Delta R.T. -0.05 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

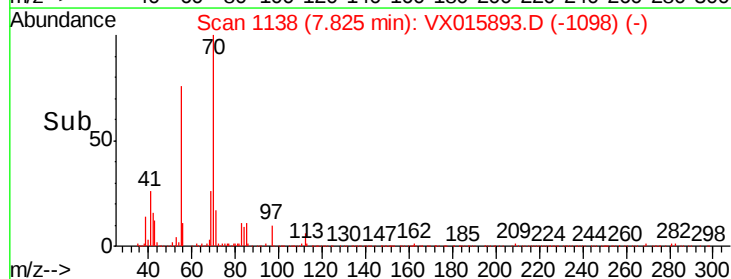
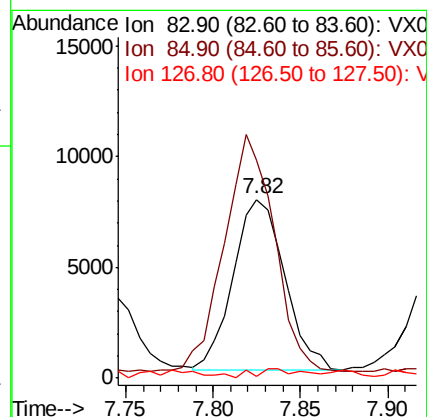
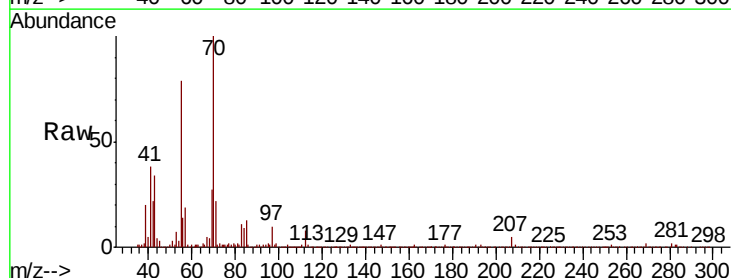
Tgt Ion: 83 Resp: 15929

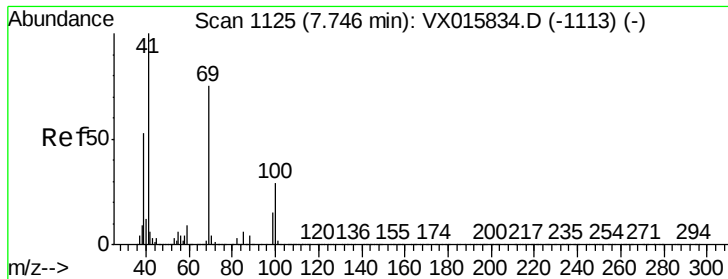
Ion Ratio Lower Upper

83 100

85 123.2 50.8 76.2#

127 0.0 6.6 10.0#

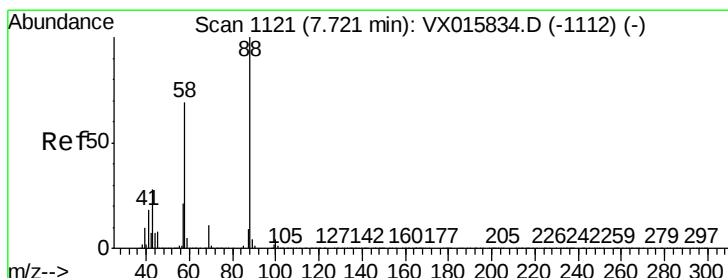
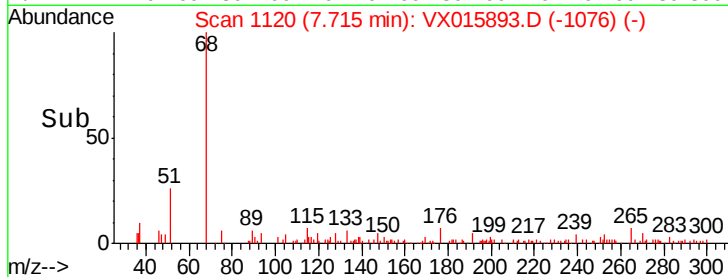
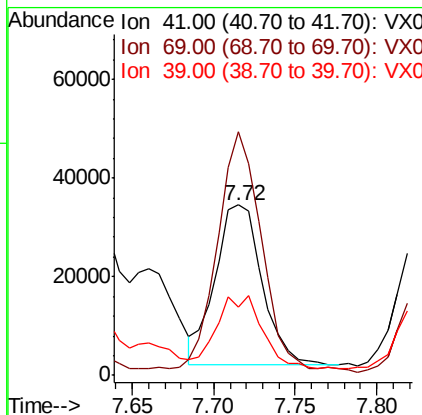
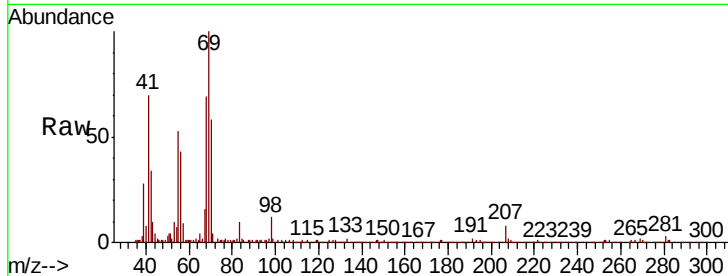




#48
Methvl methacrylate
Concen: 5.836 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.03 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

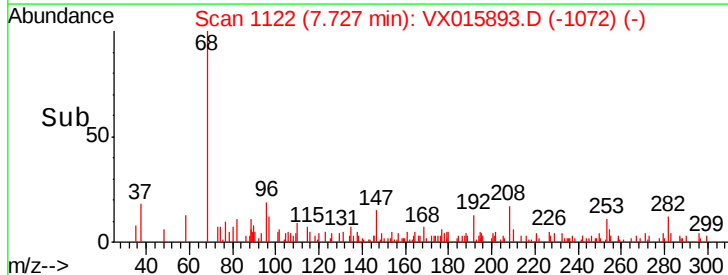
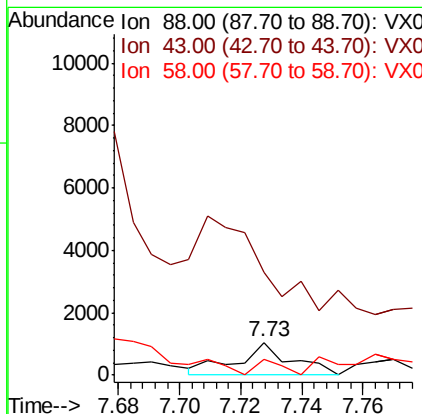
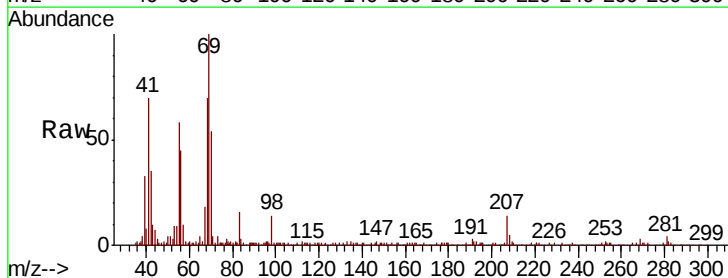
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

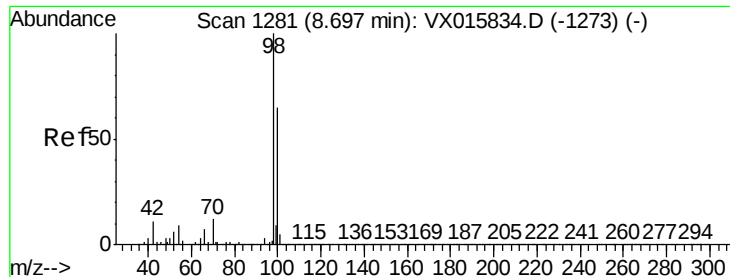
Tot Ion: 41 Resp: 64393
Ion Ratio Lower Upper
41 100
69 145.0 60.5 90.7#
39 44.2 42.1 63.1



#49
1,4-Dioxane
Concen: 6.138 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 88 Resp: 1280
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 22.8 58.9 88.3#





#50

Toluene-d8

Concen: 51.989 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

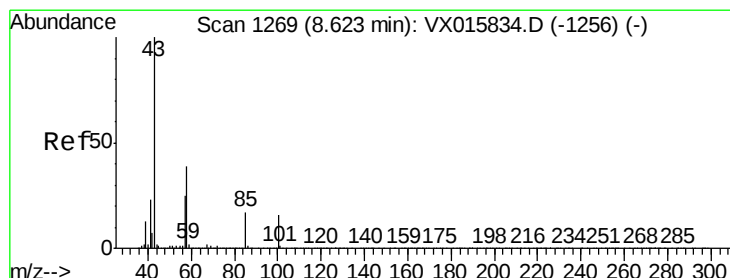
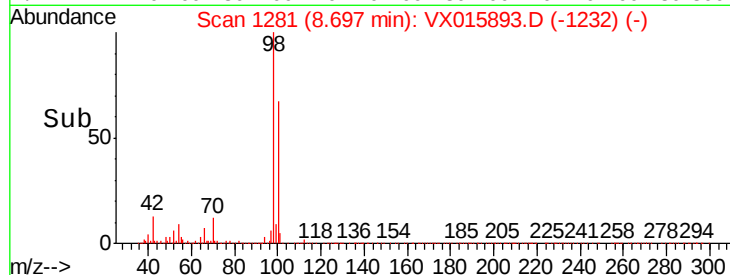
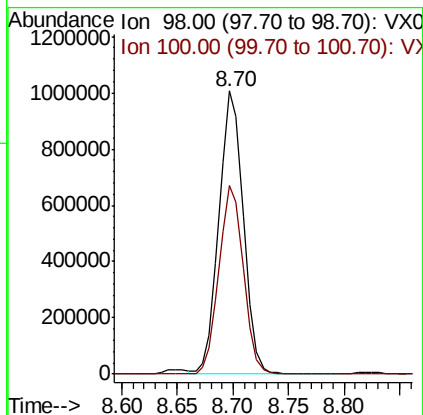
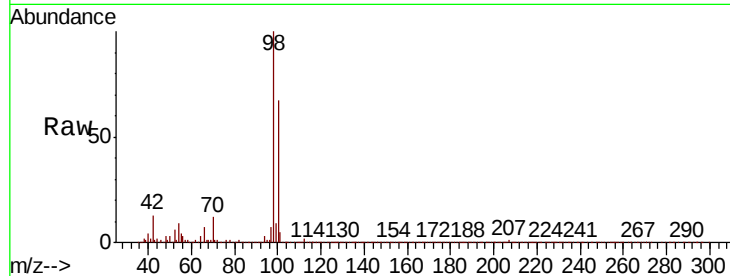
KY001MW019-200421

Tot Ion: 98 Resp: 1522568

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.6



#51

4-Methyl-2-Pentanone

Concen: 5.335 ug/l

RT: 8.65 min Scan# 1274

Delta R.T. 0.03 min

Lab File: VX015893.D

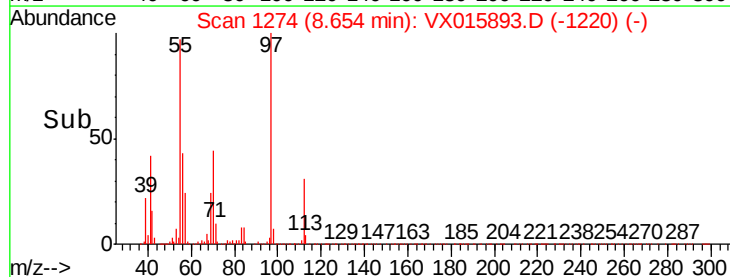
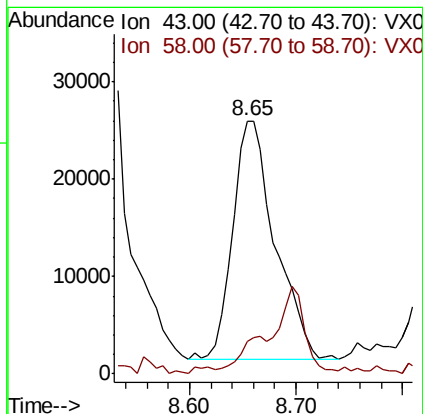
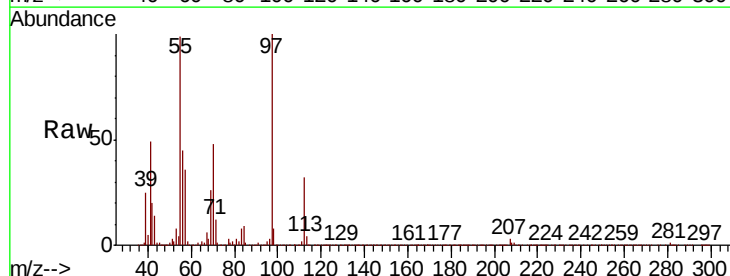
Acq: 23 Apr 2020 16:16

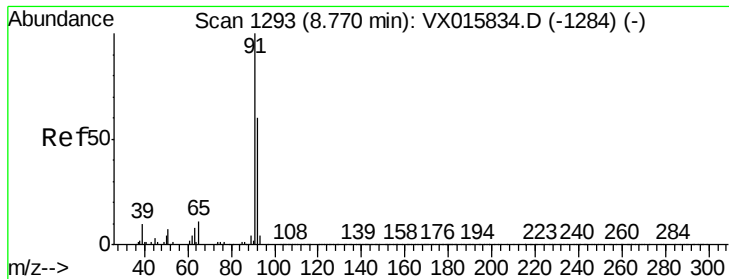
Tgt Ion: 43 Resp: 69077

Ion Ratio Lower Upper

43 100

58 0.0 30.6 45.8#





#52

Toluene

Concen: 3.060 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

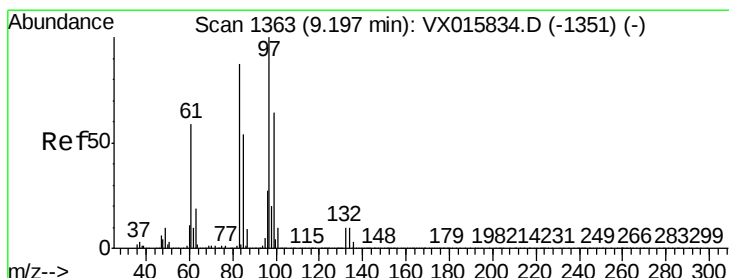
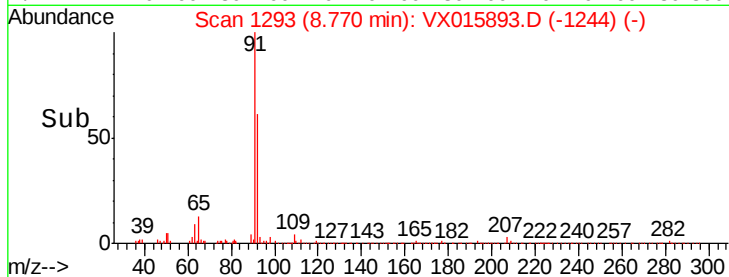
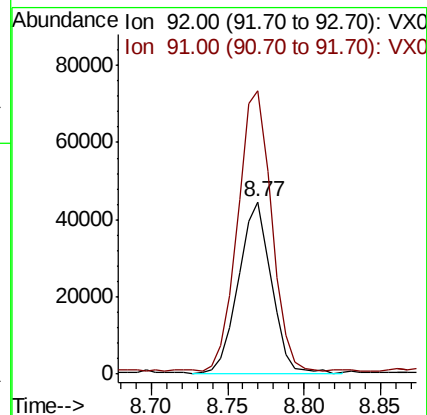
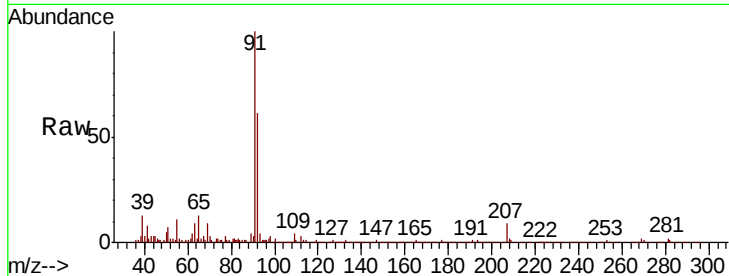
KY001MW019-200421

Tot Ion: 92 Resp: 66002

Ion Ratio Lower Upper

92 100

91 169.5 133.4 200.0



#55

1,1,2-Trichloroethane

Concen: 35.116 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Tgt Ion: 97 Resp: 295765

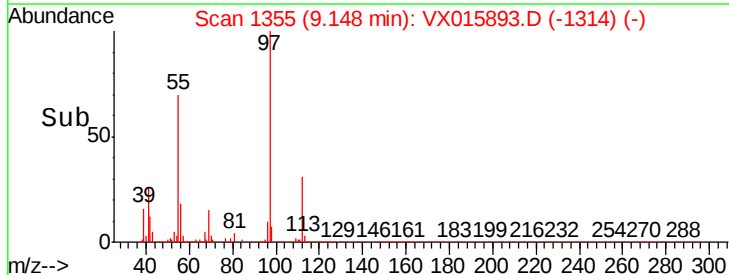
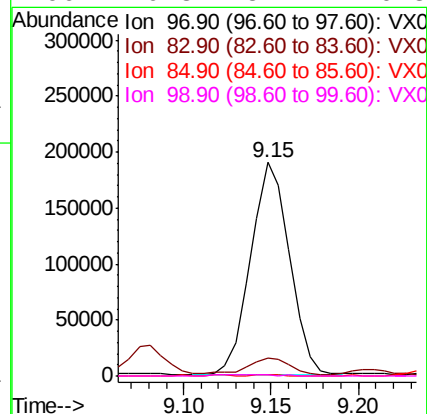
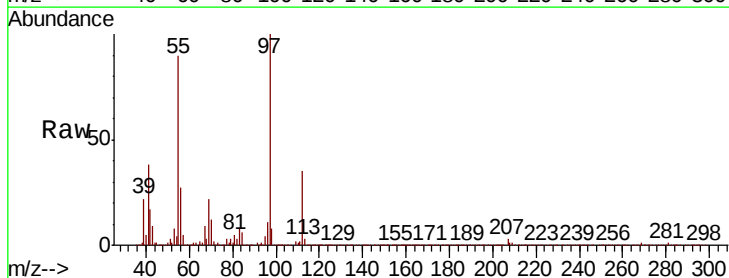
Ion Ratio Lower Upper

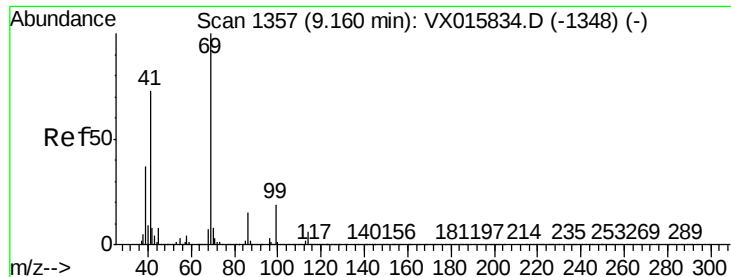
97 100

83 7.2 69.8 104.8#

85 0.3 43.4 65.2#

99 0.3 51.2 76.8#





#56

Ethyl methacrylate

Concen: 4.858 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

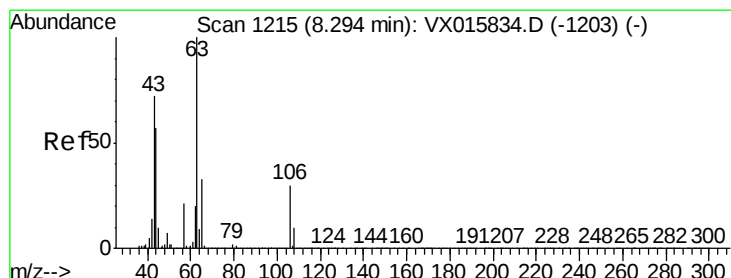
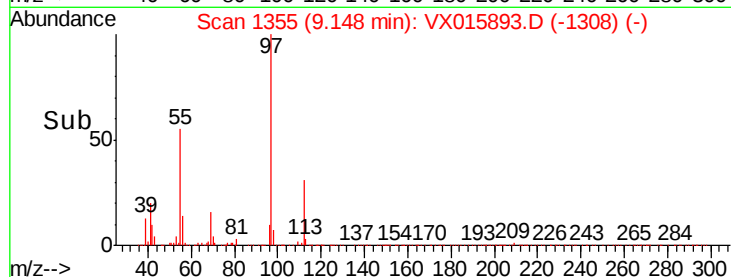
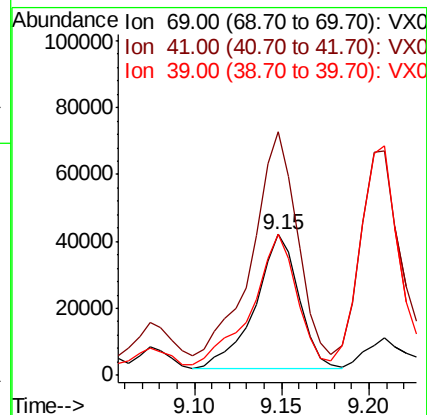
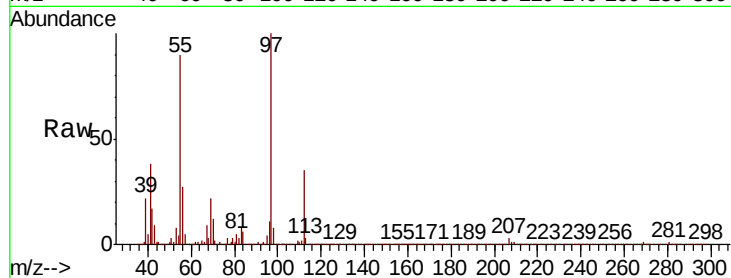
Tot Ion: 69 Resp: 69309

Ion Ratio Lower Upper

69 100

41 166.8 57.4 86.2#

39 99.6 29.7 44.5#



#58

2-Chloroethyl Vinyl ether

Concen: 0.443 ug/l

RT: 8.28 min Scan# 1212

Delta R.T. -0.02 min

Lab File: VX015893.D

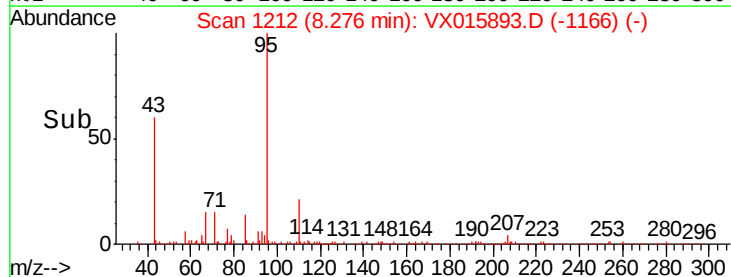
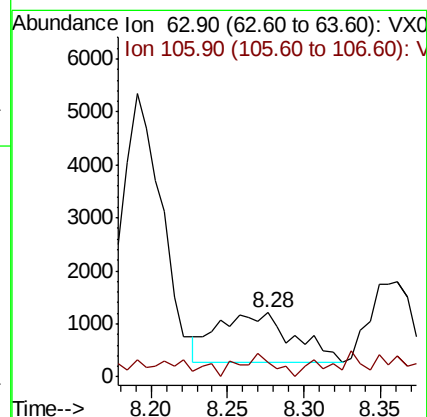
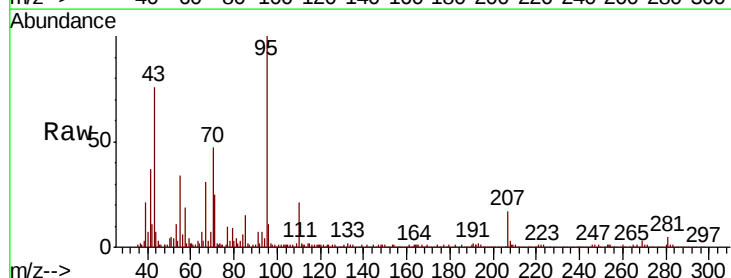
Acq: 23 Apr 2020 16:16

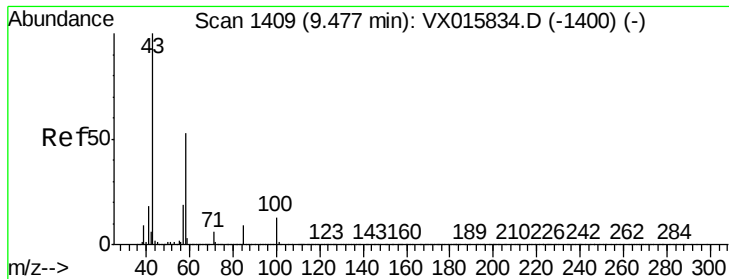
Tgt Ion: 63 Resp: 3154

Ion Ratio Lower Upper

63 100

106 21.3 23.8 35.8#

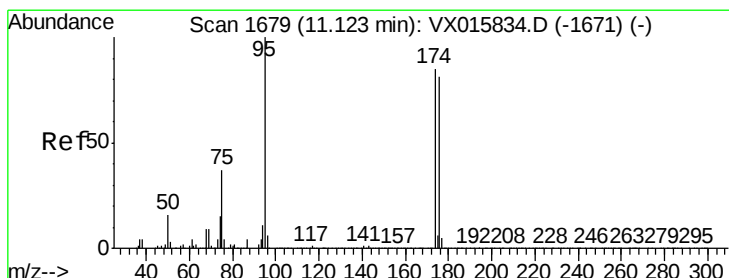
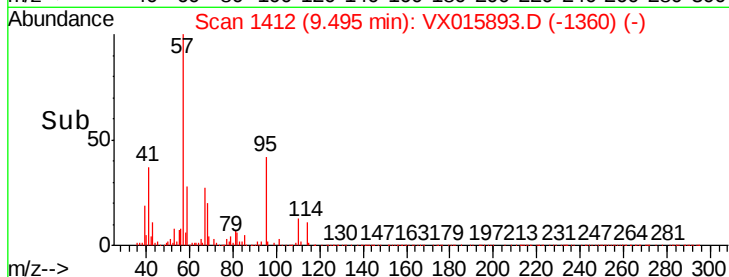
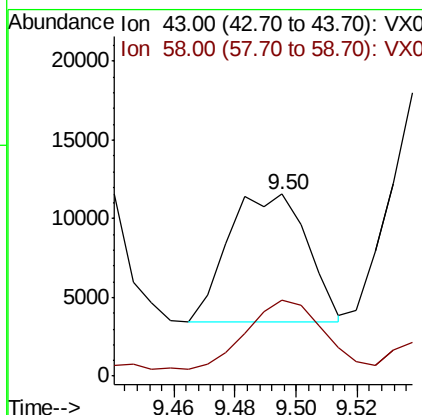
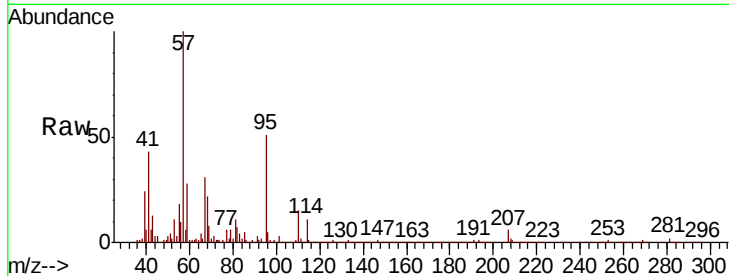




#59
2-Hexanone
Concen: 1.484 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.02 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

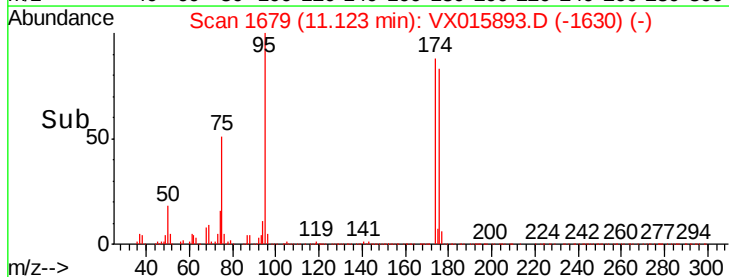
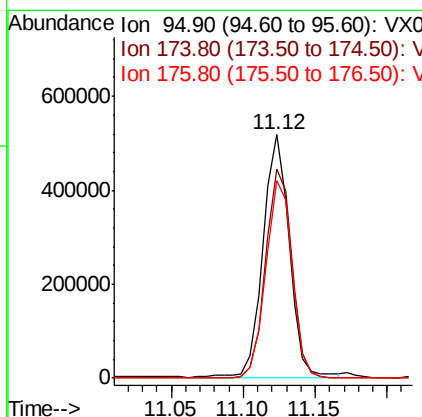
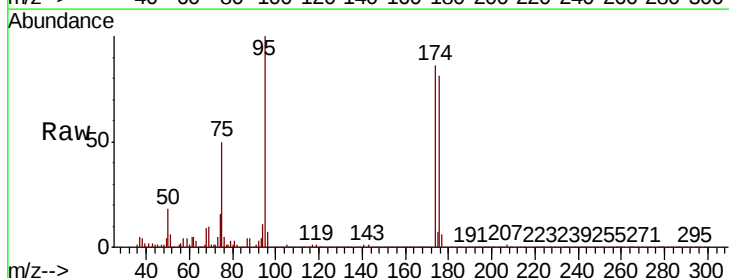
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

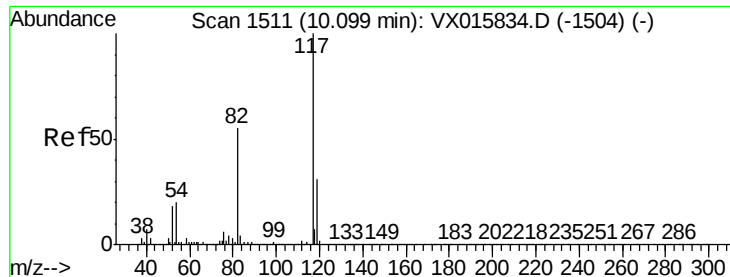
Tot Ion: 43 Resp: 14638
Ion Ratio Lower Upper
43 100
58 57.1 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 53.736 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 95 Resp: 645590
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.4
176 82.2 0.0 167.0

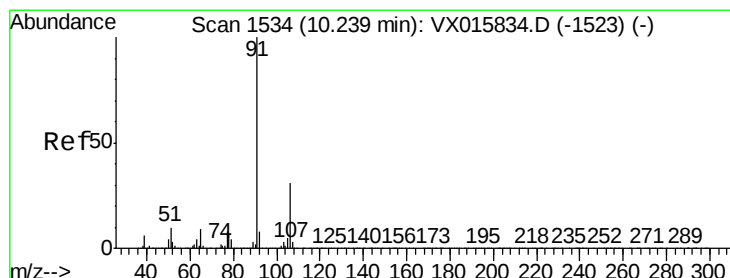
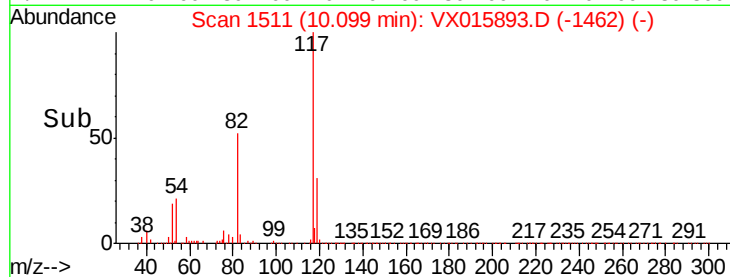
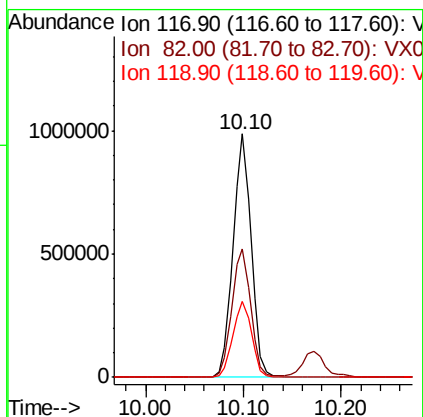
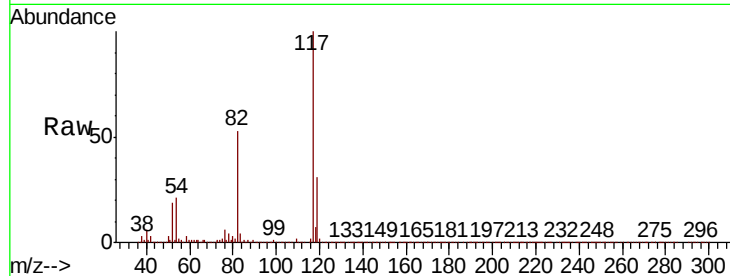




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

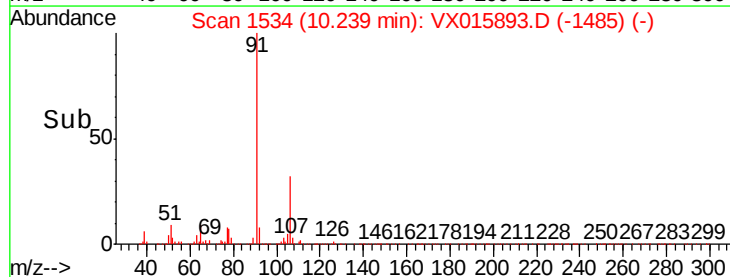
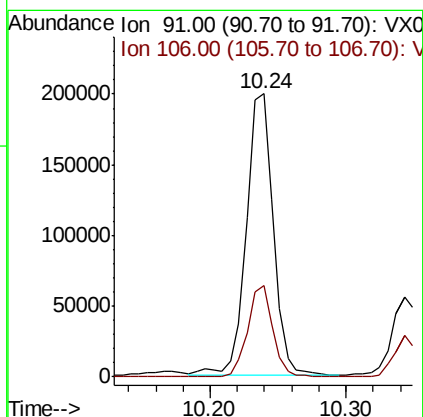
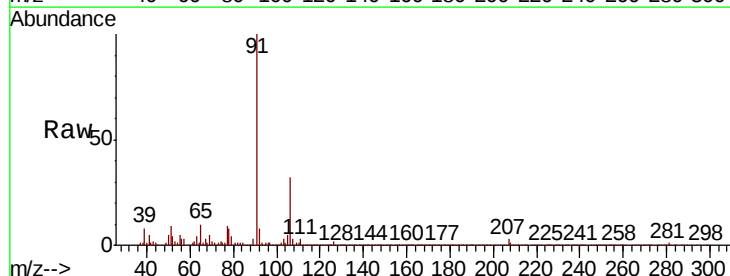
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

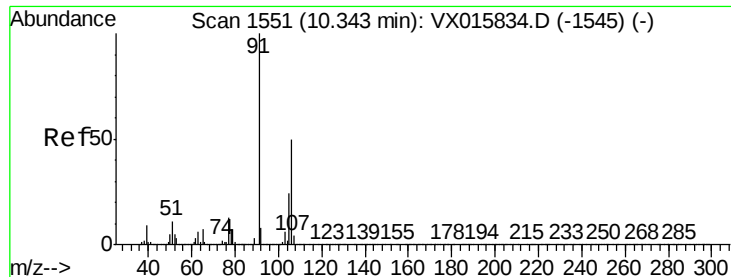
Tot Ion:117 Resp: 1275372
Ion Ratio Lower Upper
117 100
82 52.2 43.9 65.9
119 31.4 25.1 37.7



#67
Ethyl Benzene
Concen: 6.224 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 91 Resp: 278735
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4





#68

m/p-Xylenes

Concen: 2.159 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

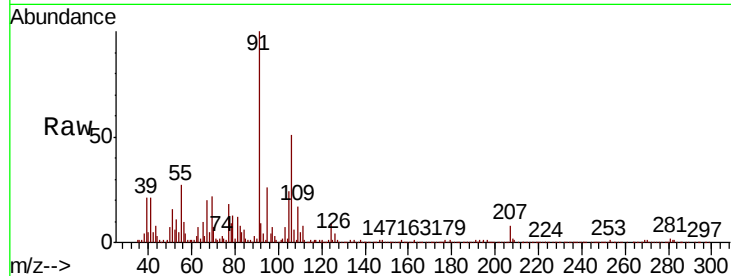
KY001MW019-200421

Tot Ion:106 Resp: 36299

Ion Ratio Lower Upper

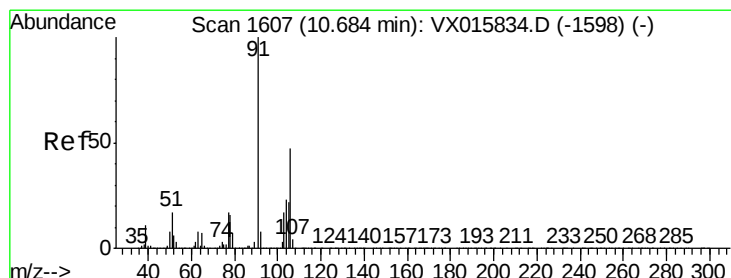
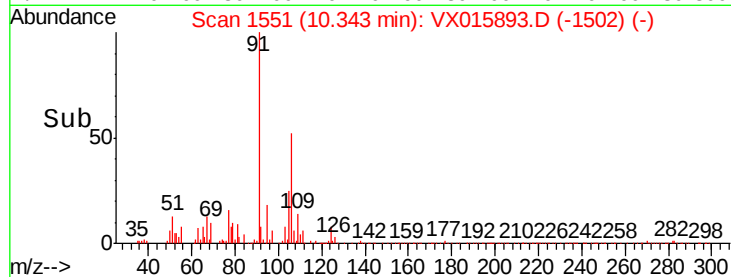
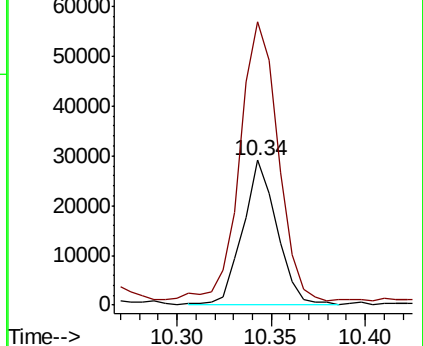
106 100

91 215.2 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.529 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015893.D

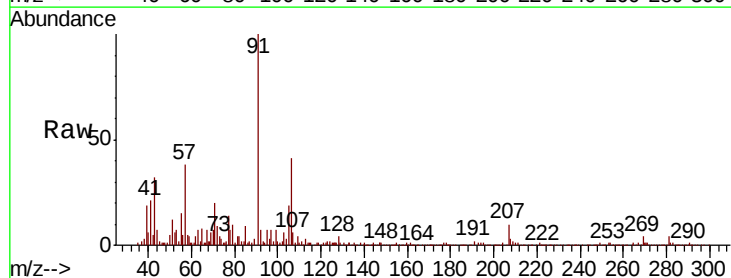
Acq: 23 Apr 2020 16:16

Tgt Ion:106 Resp: 25286

Ion Ratio Lower Upper

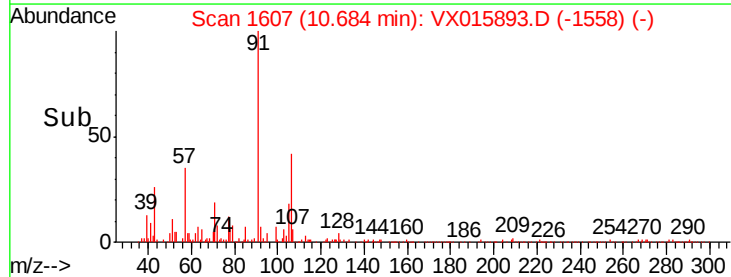
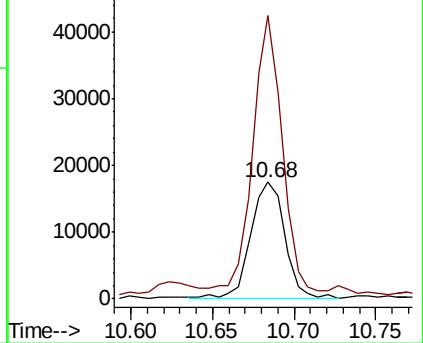
106 100

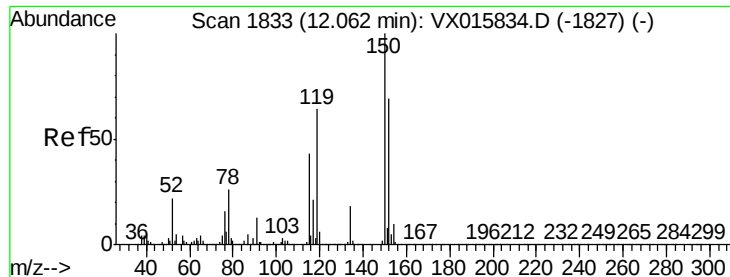
91 203.0 107.1 321.3



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: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

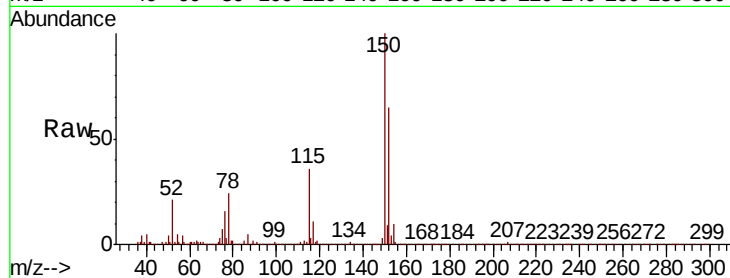
Tot Ion:152 Resp: 691809

Ion Ratio Lower Upper

152 100

115 58.3 39.0 116.9

150 156.0 0.0 336.8

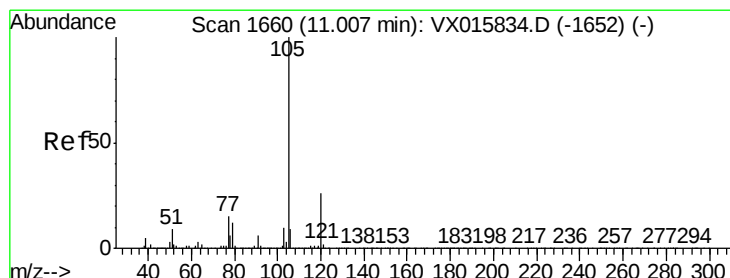
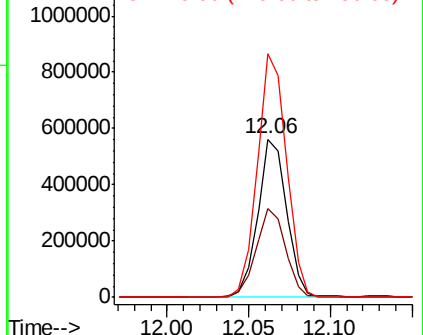
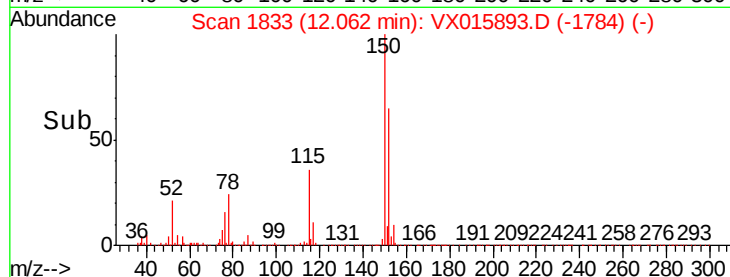


Abundance

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: 320.337 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015893.D

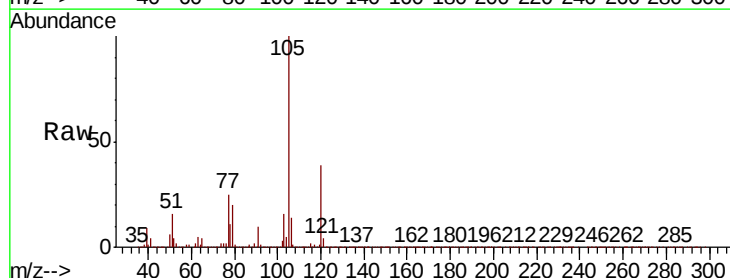
Acq: 23 Apr 2020 16:16

Tgt Ion:105 Resp:14074546

Ion Ratio Lower Upper

105 100

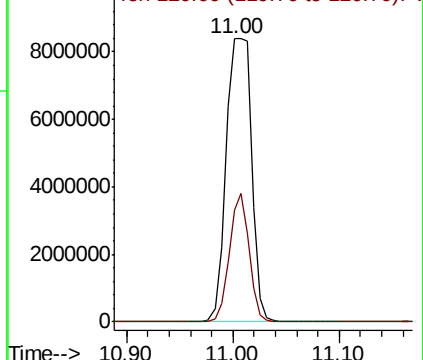
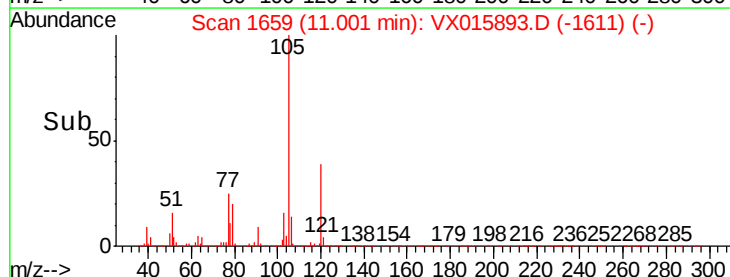
120 34.9 13.1 39.1

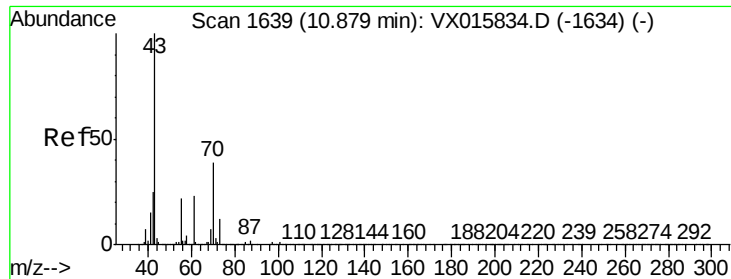


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.353 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion: 43 Resp: 8009

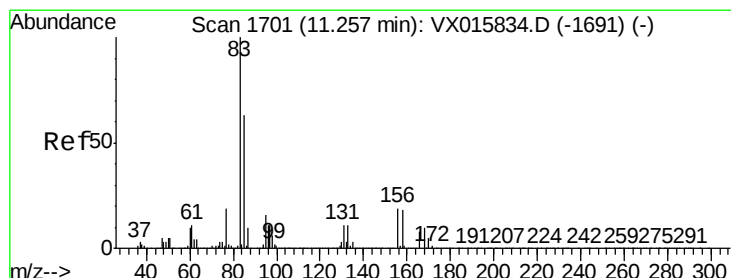
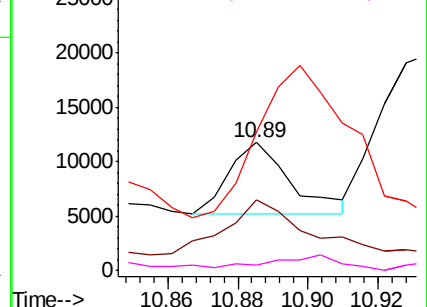
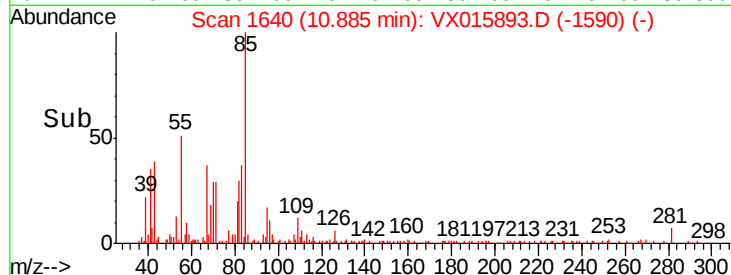
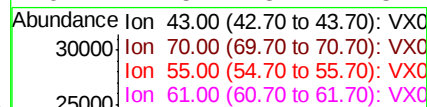
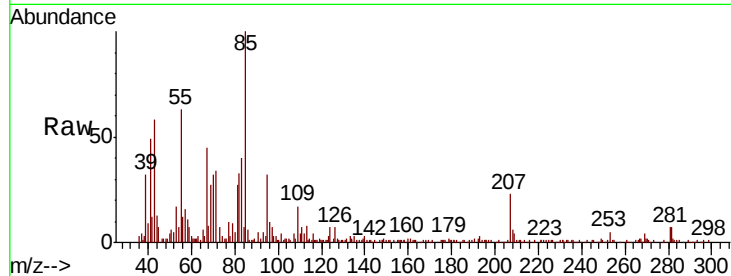
Ion Ratio Lower Upper

43 100

70 123.3 32.6 49.0#

55 464.7 18.3 27.5#

61 24.5 18.7 28.1



#75

1,1,2,2-Tetrachloroethane

Concen: 0.308 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

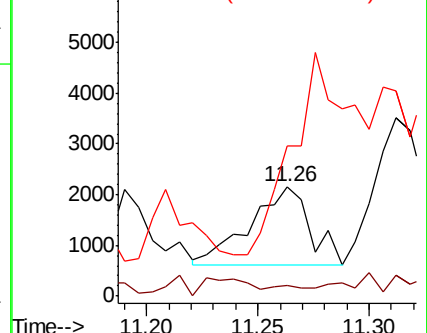
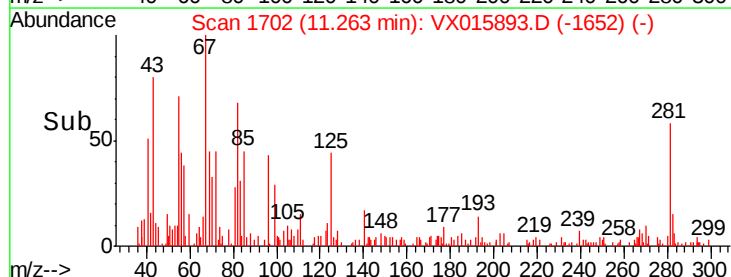
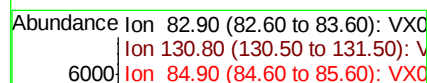
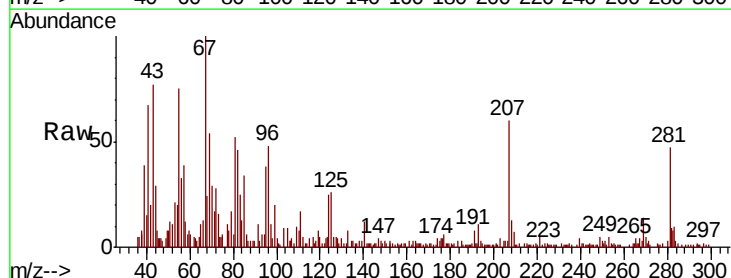
Tgt Ion: 83 Resp: 2861

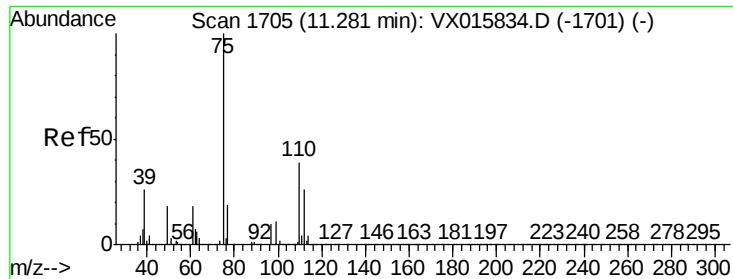
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 275.5 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 11.363 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.07 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

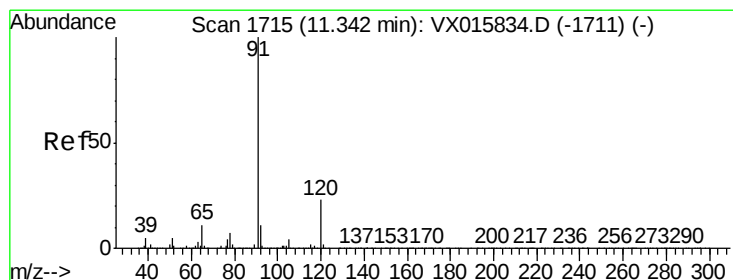
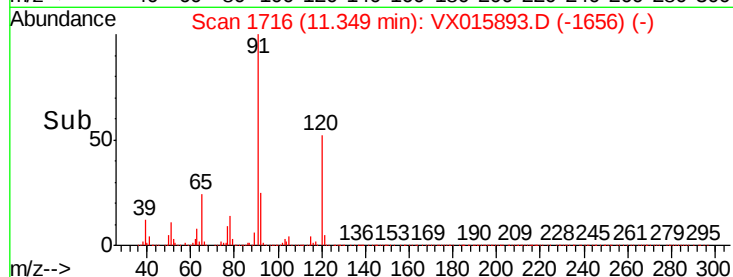
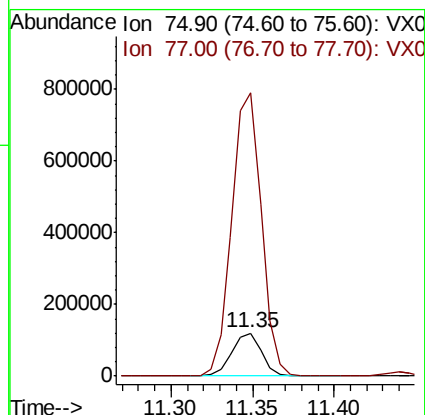
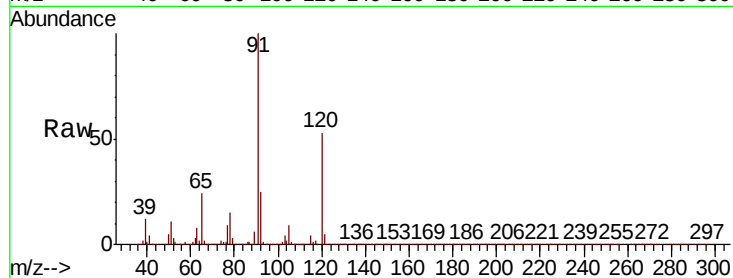
KY001MW019-200421

Tot Ion: 75 Resp: 149484

Ion Ratio Lower Upper

75 100

77 666.0 21.3 63.9#



#78

n-propylbenzene

Concen: 302.423 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015893.D

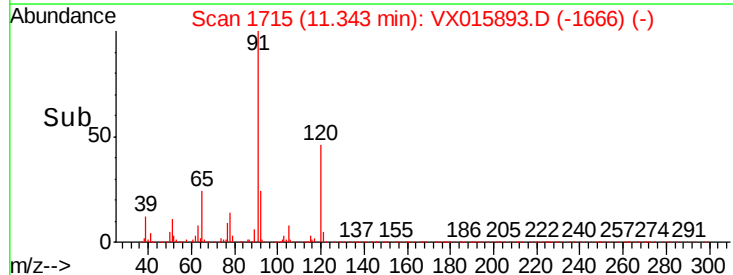
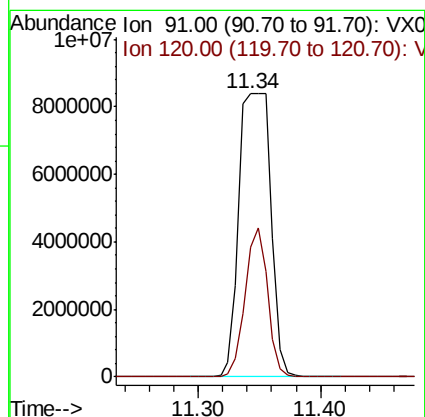
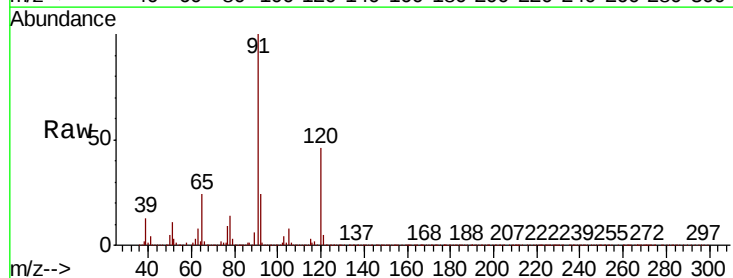
Acq: 23 Apr 2020 16:16

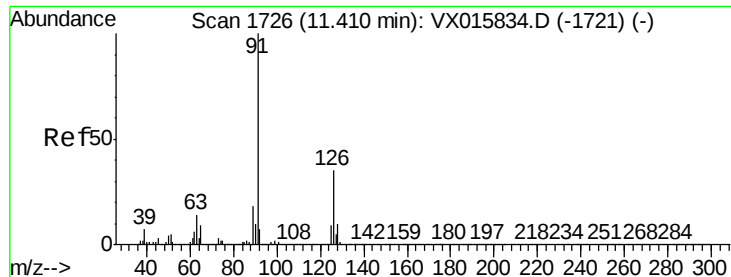
Tgt Ion: 91 Resp: 15221443

Ion Ratio Lower Upper

91 100

120 36.7 11.7 35.1#





#79

2-Chlorotoluene

Concen: 503.465 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

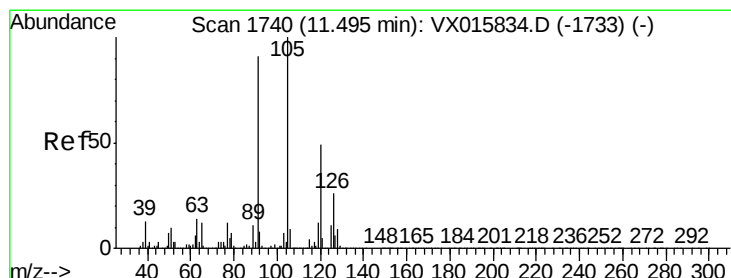
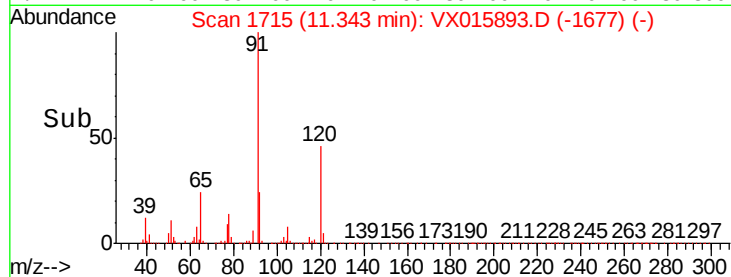
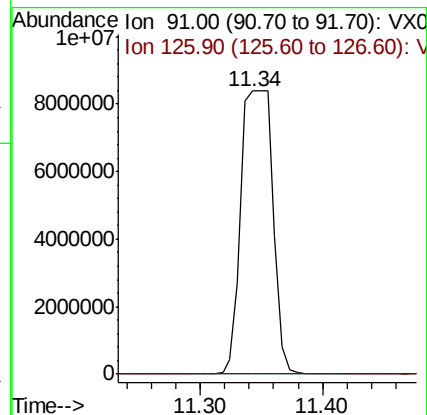
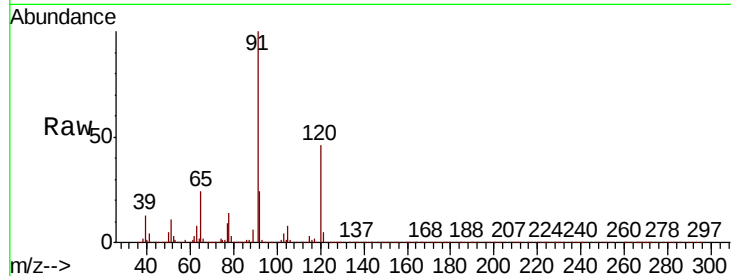
KY001MW019-200421

Tot Ion: 91 Resp:15221443

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#



#80

1,3,5-Trimethylbenzene

Concen: 30.181 ug/l

RT: 11.65 min Scan# 1766

Delta R.T. 0.16 min

Lab File: VX015893.D

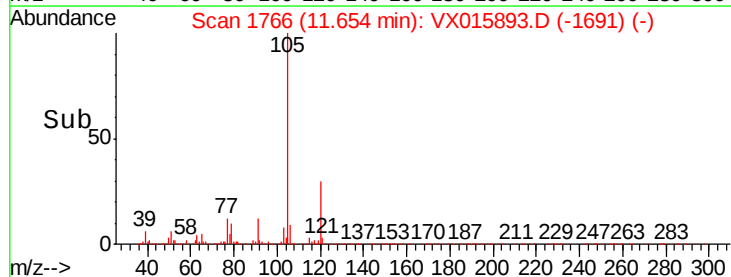
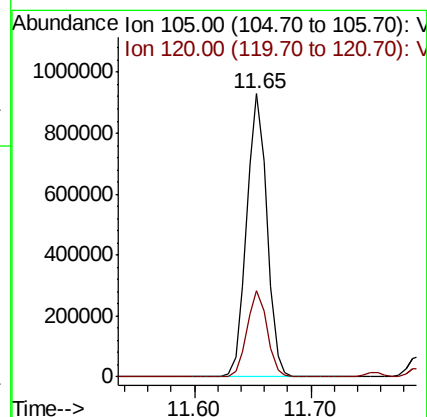
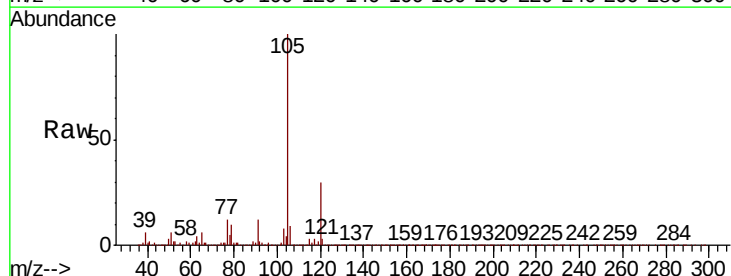
Acq: 23 Apr 2020 16:16

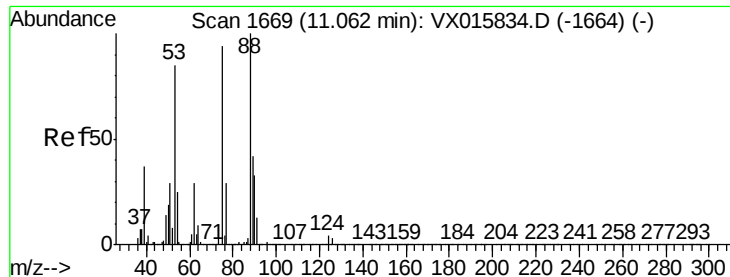
Tgt Ion:105 Resp: 1130696

Ion Ratio Lower Upper

105 100

120 30.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 39.733 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.05 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

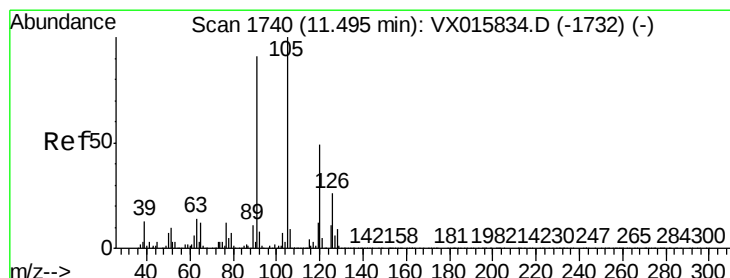
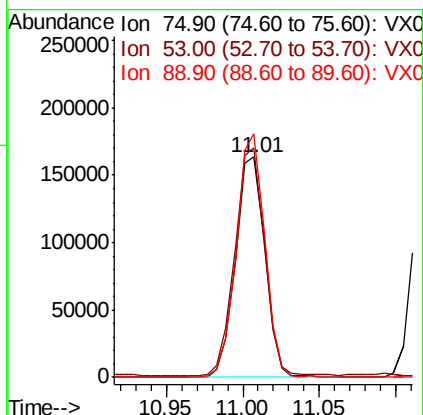
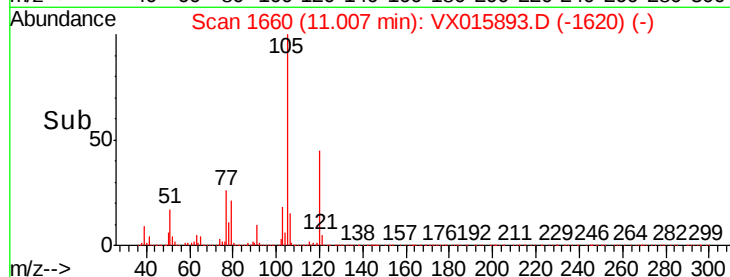
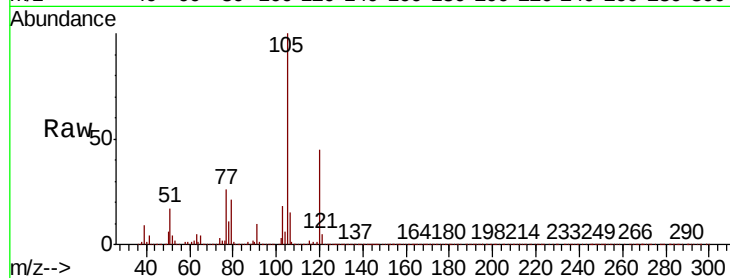
Tot Ion: 75 Resp: 217288

Ion Ratio Lower Upper

75 100

53 104.1 74.2 111.2

89 107.3 38.0 57.0#



#82

4-Chlorotoluene

Concen: 423.684 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.15 min

Lab File: VX015893.D

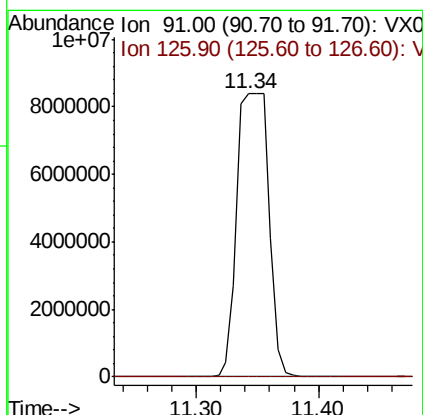
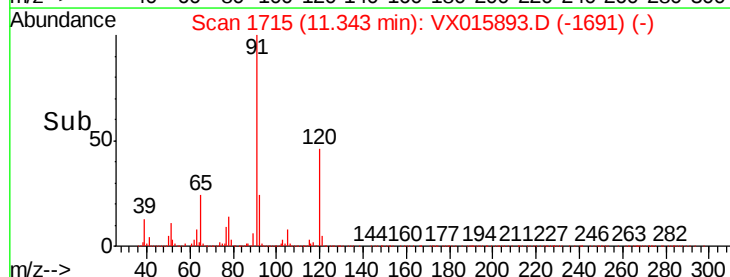
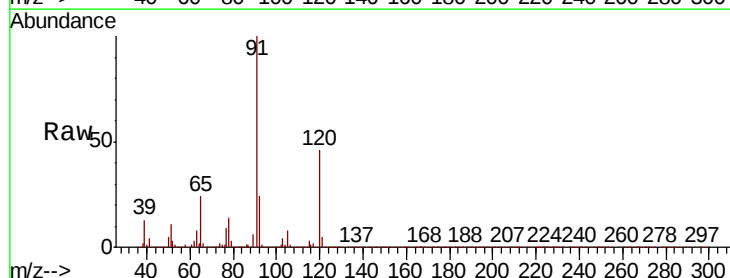
Acq: 23 Apr 2020 16:16

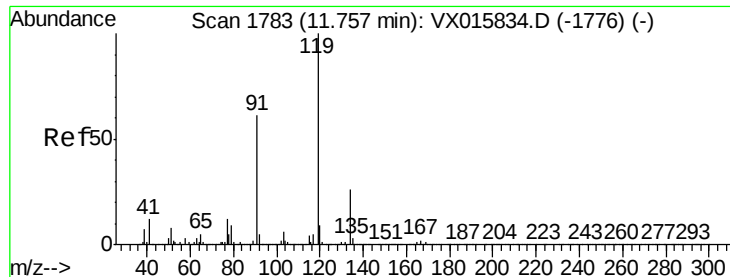
Tgt Ion: 91 Resp: 15221443

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#





#83

tert-Butylbenzene

Concen: 5.649 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

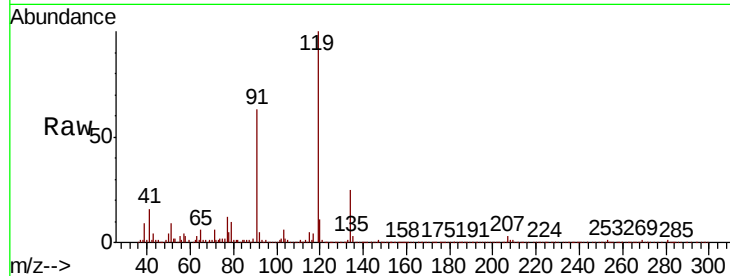
Tot Ion:119 Resp: 187725

Ion Ratio Lower Upper

119 100

91 64.2 30.9 92.7

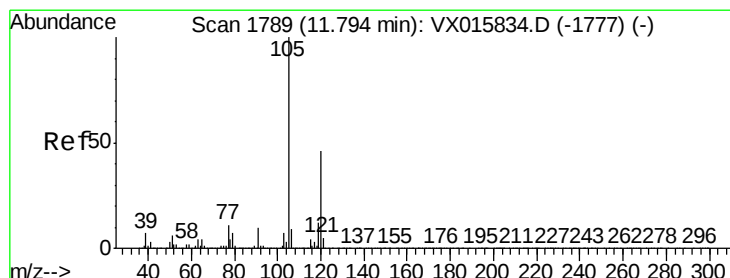
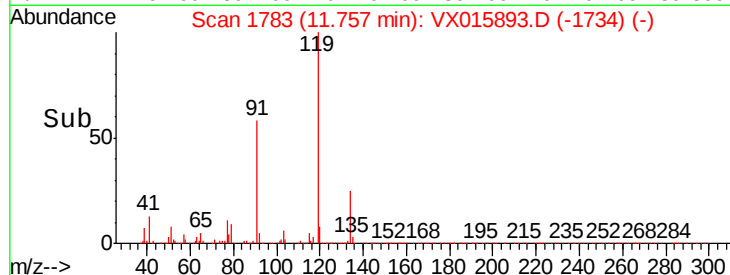
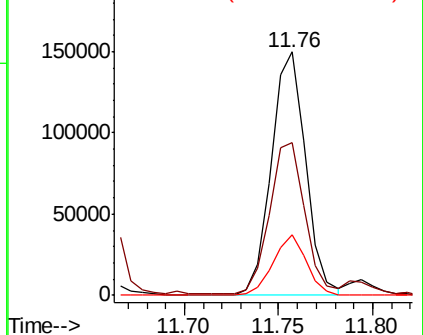
134 24.1 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.122 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015893.D

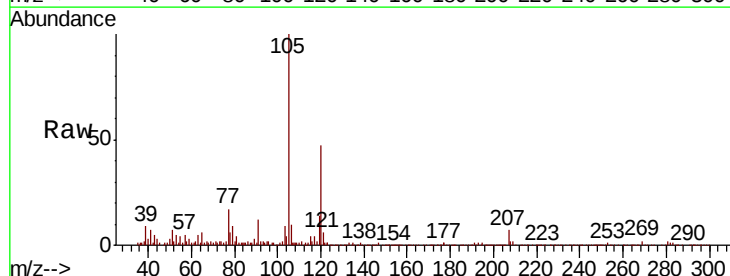
Acq: 23 Apr 2020 16:16

Tgt Ion:105 Resp: 82526

Ion Ratio Lower Upper

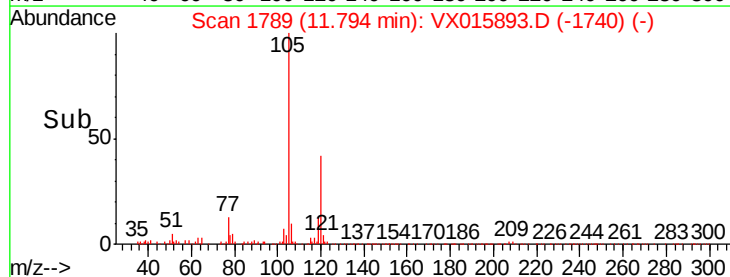
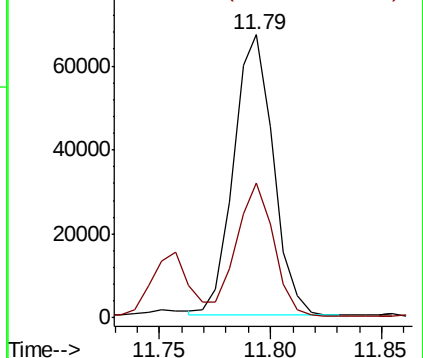
105 100

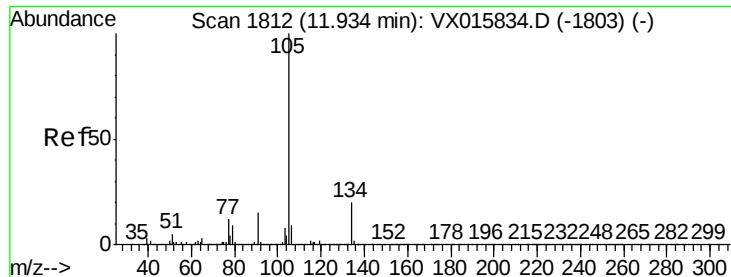
120 44.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 38.843 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

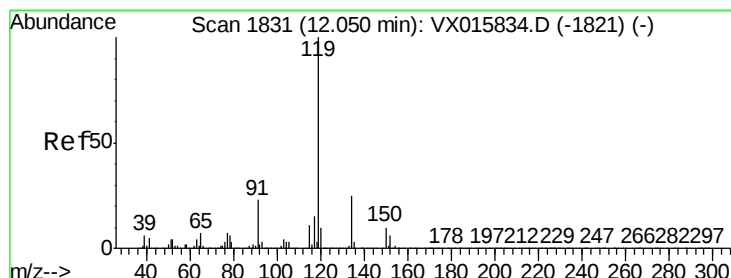
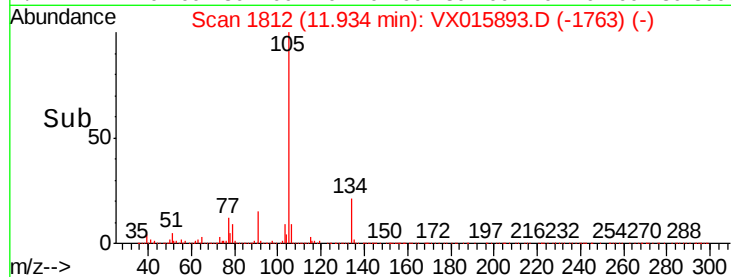
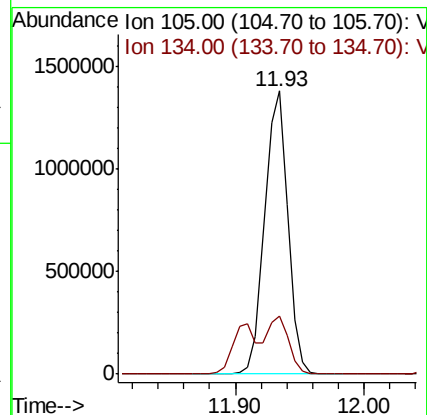
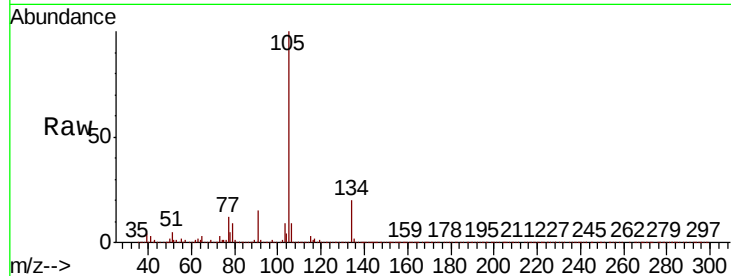
KY001MW019-200421

Tot Ion:105 Resp: 1701612

Ion Ratio Lower Upper

105 100

134 17.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 24.925 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

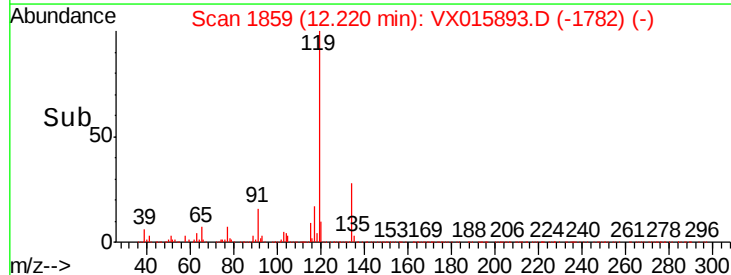
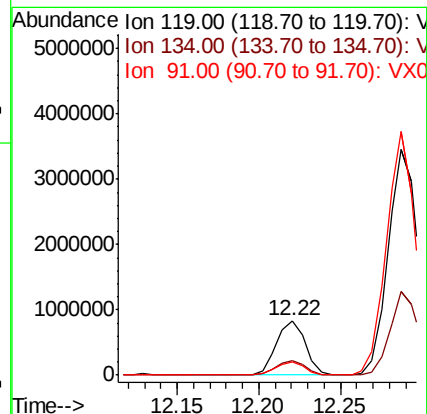
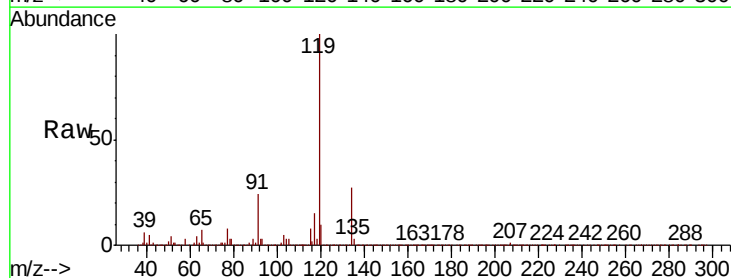
Tgt Ion:119 Resp: 1020993

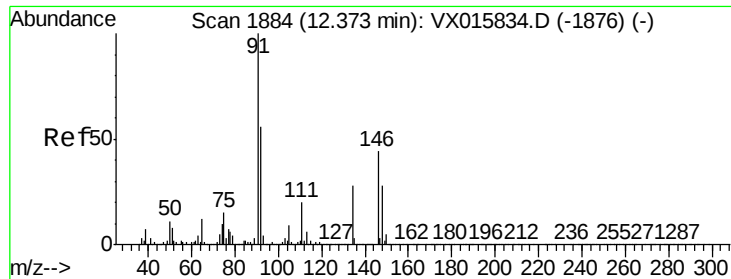
Ion Ratio Lower Upper

119 100

134 27.1 13.0 38.9

91 24.2 11.5 34.5

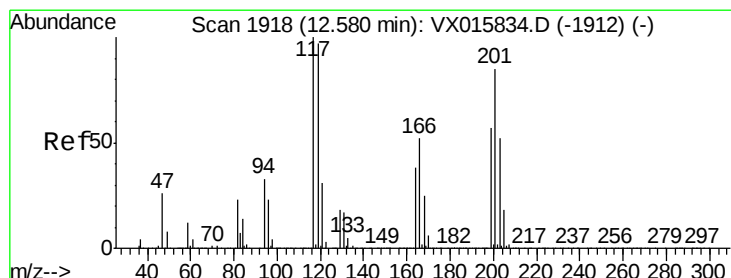
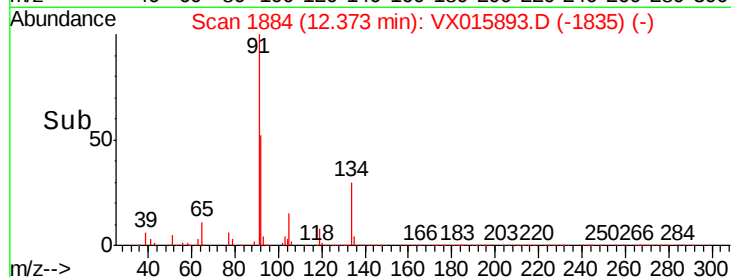
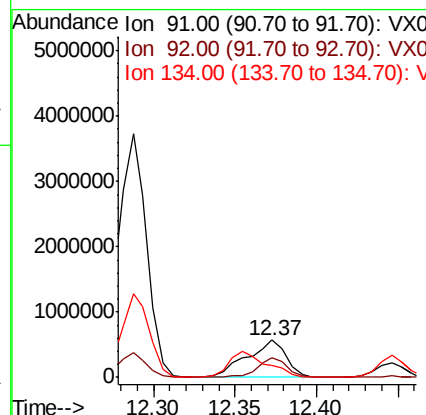
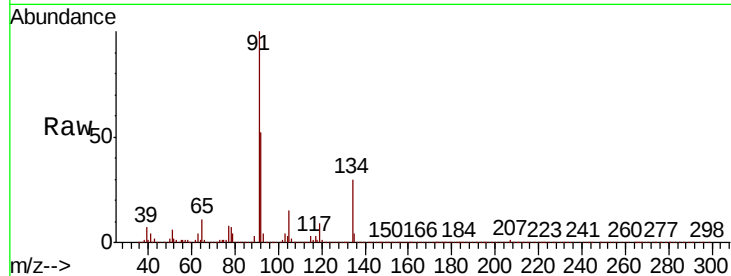




#89
n-Butylbenzene
Concen: 26.046 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

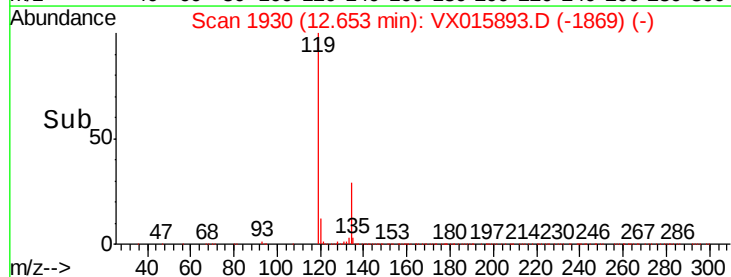
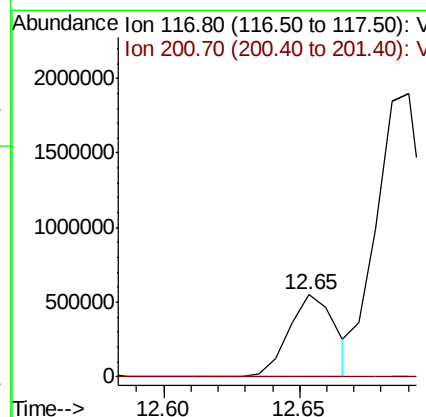
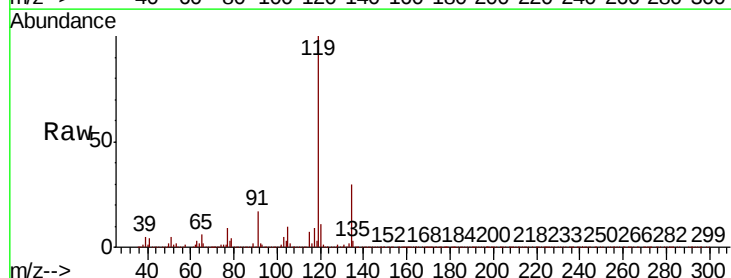
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

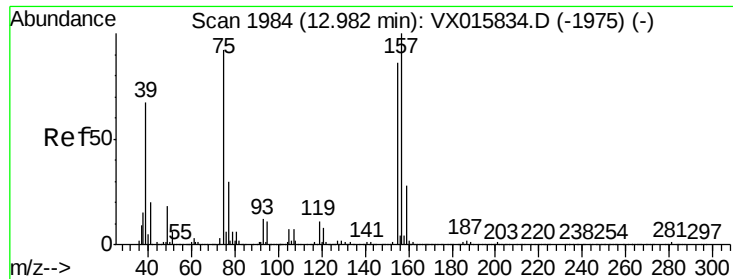
Tot Ion: 91 Resp: 953930
Ion Ratio Lower Upper
91 100
92 38.7 27.7 83.1
134 66.3 14.1 42.4#



#90
Hexachloroethane
Concen: 150.156 ug/l
RT: 12.65 min Scan# 1930
Delta R.T. 0.07 min
Lab File: VX015893.D
Acq: 23 Apr 2020 16:16

Tgt Ion: 117 Resp: 649782
Ion Ratio Lower Upper
117 100
201 0.1 45.6 136.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 21.406 ug/l

RT: 12.96 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

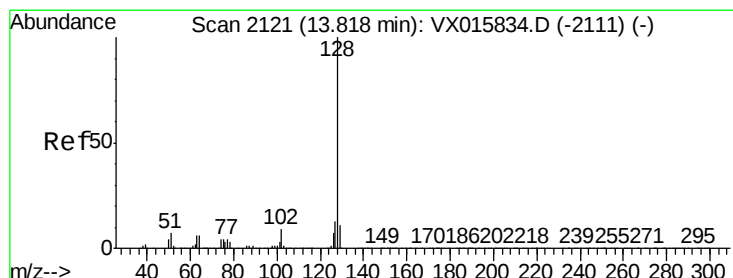
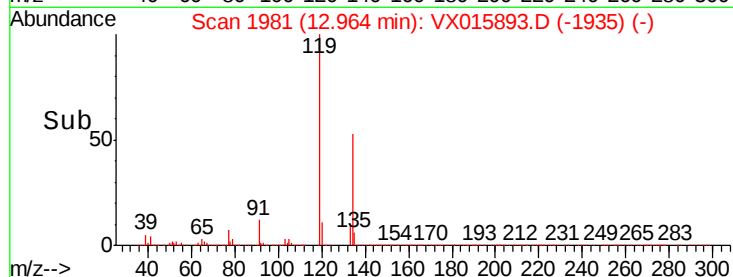
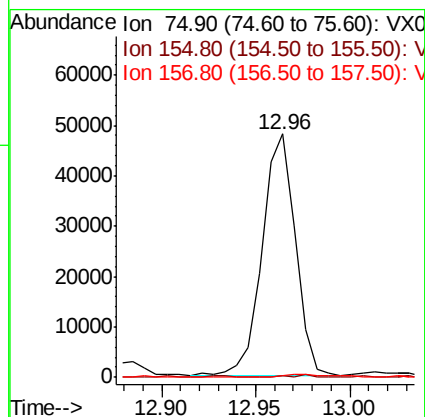
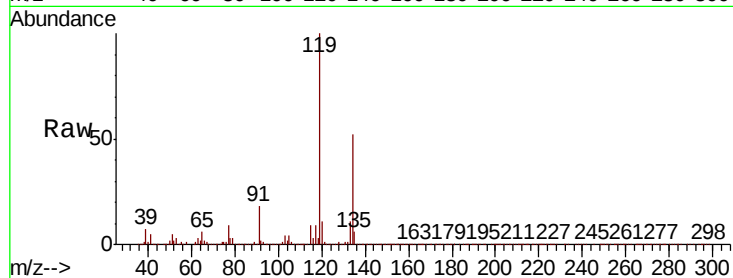
Tot Ion: 75 Resp: 59026

Ion Ratio Lower Upper

75 100

155 0.6 48.1 144.4#

157 2.0 58.9 176.7#



#95

Naphthalene

Concen: 5.353 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015893.D

Acq: 23 Apr 2020 16:16

Tgt Ion:128 Resp: 253640

Ion Ratio Lower Upper

128 100

127 17.0 10.5 15.7#

129 13.7 8.5 12.7#

