

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015869.D
 Acq On : 23 Apr 2020 03:12
 Operator : JC/SP
 Sample : L2380-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

Quant Time: Apr 23 05:03:16 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	945069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1437226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1412233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	761095	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	518928	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
35) Dibromofluoromethane	5.47	113	427998	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	8.70	98	1735561	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	744798	54.36	ug/l	0.00
Spiked Amount			Recovery	=	108.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	3107	0.375	ug/l #	79
5) Bromomethane	1.65	94	659	0.205	ug/l #	2
11) Tert butyl alcohol	3.01	59	72114	32.836	ug/l #	73
13) Acrolein	2.24	56	288	0.222	ug/l #	1
15) Acrylonitrile	3.16	53	21652	4.247	ug/l #	41
16) Acetone	2.42	43	41805	8.932	ug/l	95
17) Carbon Disulfide	2.55	76	20311	0.676	ug/l	97
18) Methyl Acetate	2.83	43	182499	11.811	ug/l #	54
19) Methyl tert-butyl Ether	3.17	73	707737	24.219	ug/l #	15
20) Methylene Chloride	2.83	84	2867	0.302	ug/l #	1
25) 2-Butanone	4.65	43	12266	1.658	ug/l #	90
29) Tetrahydrofuran	5.10	42	1372	0.280	ug/l #	53
30) Chloroform	5.25	83	24582	1.479	ug/l #	43
31) Cyclohexane	5.56	56	409358	26.067	ug/l	98
36) 1,1-Dichloropropene	5.63	75	64287	5.046	ug/l #	51
37) Ethyl Acetate	5.03	43	4797	0.316	ug/l	99
38) Carbon Tetrachloride	5.63	117	82731	6.592	ug/l #	16
39) Methylcyclohexane	7.44	83	824652	51.109	ug/l	90
40) Benzene	6.12	78	579617	15.104	ug/l	99
41) Methacrylonitrile	4.97	41	1697	0.201	ug/l #	21
43) Isopropyl Acetate	6.43	43	44458	1.738	ug/l #	66
46) Dibromomethane	7.62	93	2567	0.350	ug/l #	1
47) Bromodichloromethane	7.82	83	16229	1.243	ug/l #	7
48) Methyl methacrylate	7.71	41	73758	5.862	ug/l #	53
49) 1,4-Dioxane	7.73	88	922	3.877	ug/l #	21
51) 4-Methyl-2-Pentanone	8.65	43	75393	5.106	ug/l #	52
52) Toluene	8.77	92	81337	3.307	ug/l	98
55) 1,1,2-Trichloroethane	9.15	97	269167	28.024	ug/l #	18
56) Ethyl methacrylate	9.15	69	61348	3.771	ug/l #	1
59) 2-Hexanone	9.50	43	19608	1.743	ug/l	77
67) Ethyl Benzene	10.24	91	408633	8.240	ug/l	98
68) m/p-Xylenes	10.34	106	74349	3.994	ug/l	92
69) o-Xylene	10.68	106	31191	1.703	ug/l	96
73) Isopropylbenzene	11.00	105	13294811	275.044	ug/l	85

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

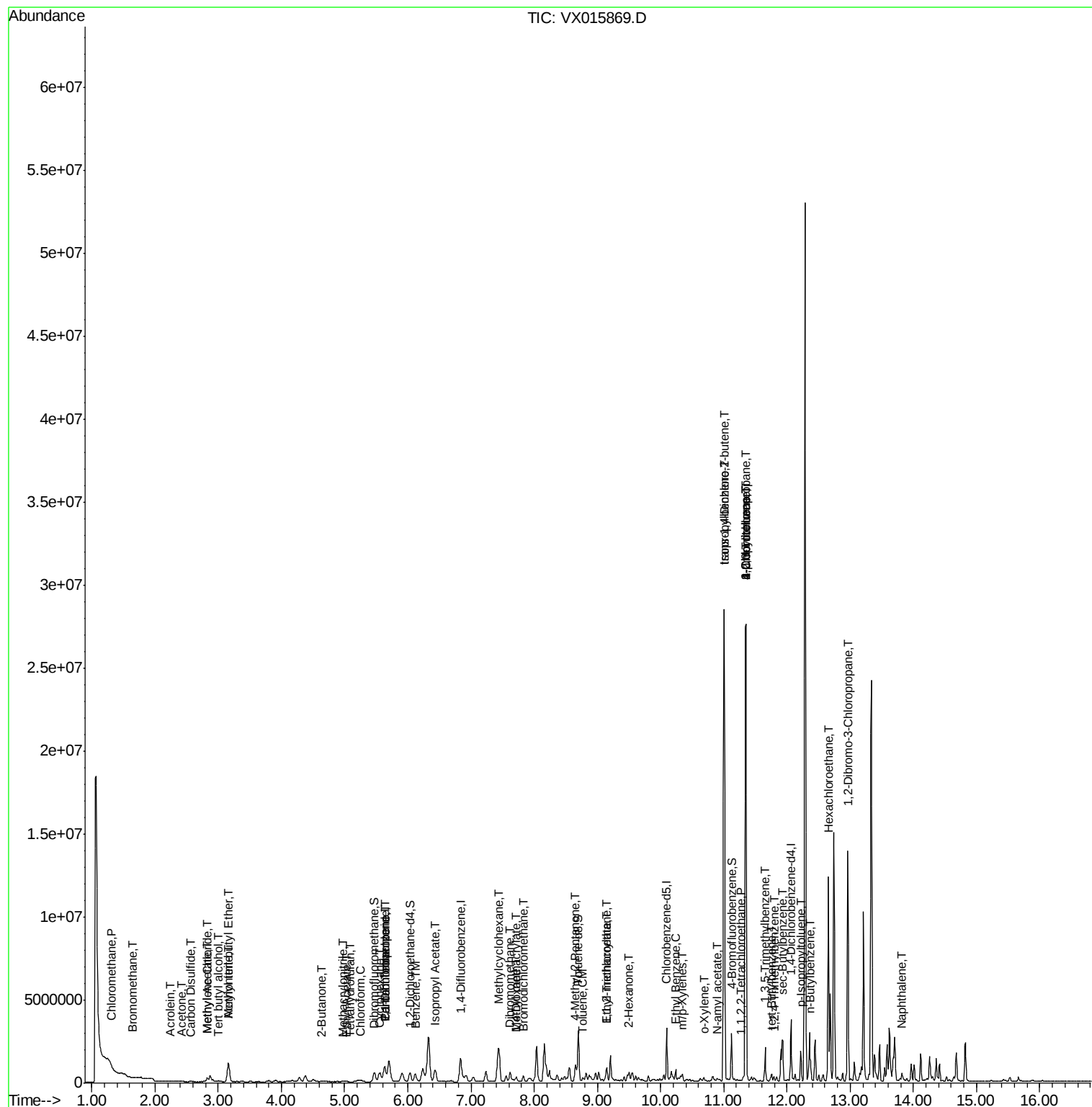
74) N-amyl acetate	10.89	43	10857	0.435	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	2186	0.214	ug/l #	1
76) 1,2,3-Trichloropropane	11.35	75	127855	8.834	ug/l #	1
78) n-propylbenzene	11.34	91	14610629	263.861	ug/l	81
79) 2-Chlorotoluene	11.34	91	14610629	439.268	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.65	105	981430	23.812	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.00	75	190595	31.679	ug/l #	58
82) 4-Chlorotoluene	11.34	91	14610629	369.660	ug/l #	45
83) tert-Butylbenzene	11.76	119	154397	4.223	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	124218	2.903	ug/l	100
85) sec-Butylbenzene	11.93	105	1318179	27.351	ug/l	100
86) p-Isopropyltoluene	12.22	119	812368	18.026	ug/l	98
89) n-Butylbenzene	12.37	91	686042	17.027	ug/l #	60
90) Hexachloroethane	12.65	117	474985	99.771	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	41650	13.729	ug/l #	1
95) Naphthalene	13.82	128	307884	5.907	ug/l	97

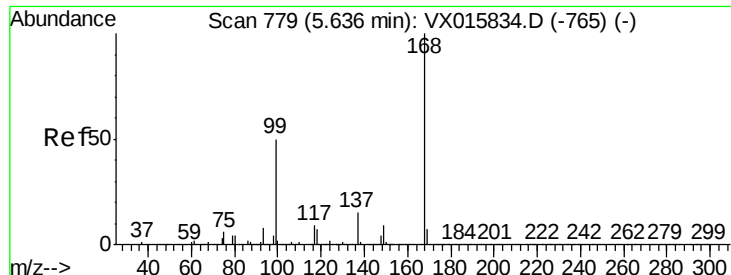
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

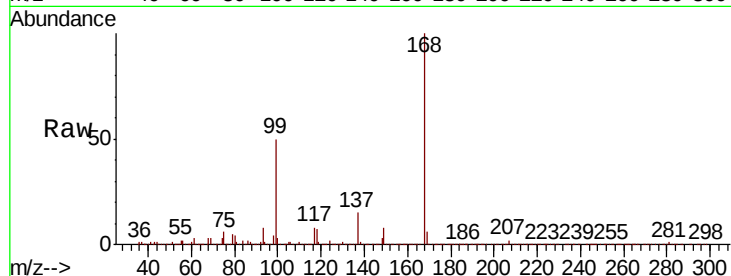
KY001MW019-200421

Tot Ion:168 Resp: 945069

Ion Ratio Lower Upper

168 100

99 49.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

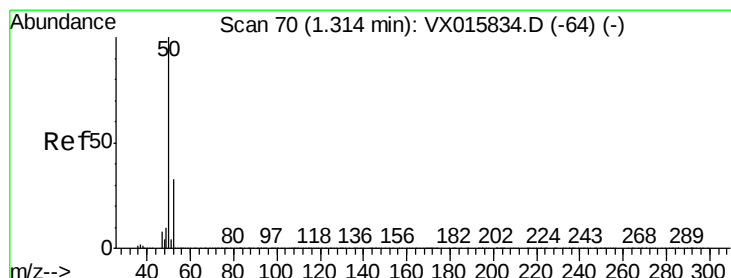
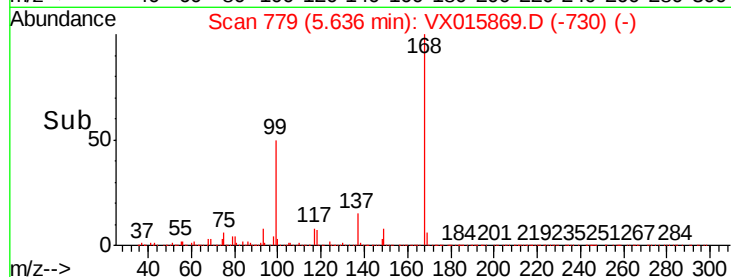
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.375 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015869.D

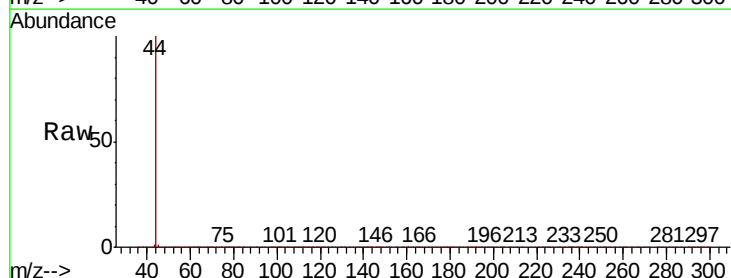
Acq: 23 Apr 2020 03:12

Tgt Ion: 50 Resp: 3107

Ion Ratio Lower Upper

50 100

52 44.9 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

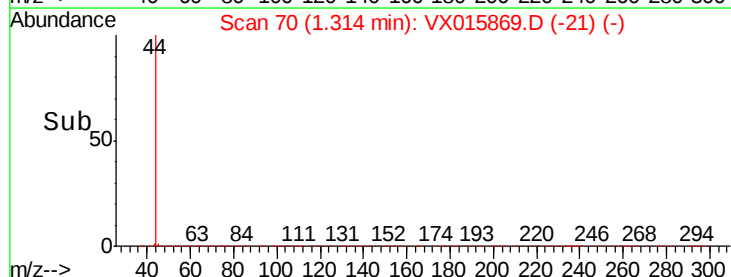
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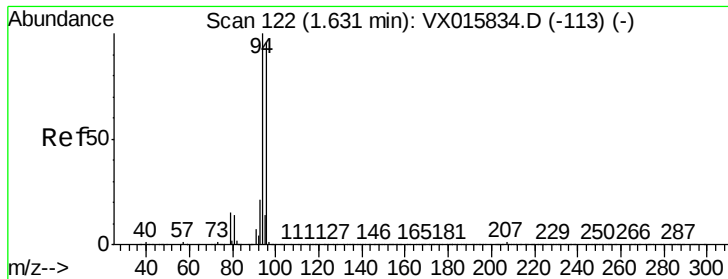
2000

1000

0

Time-->





#5

Bromomethane

Concen: 0.205 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

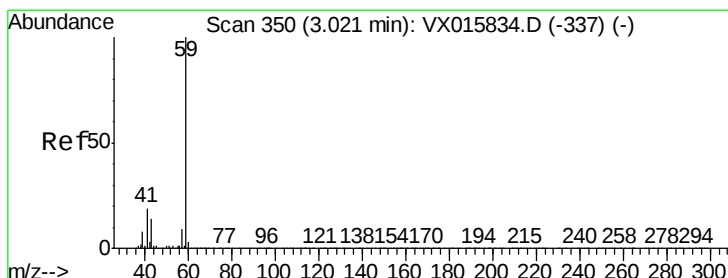
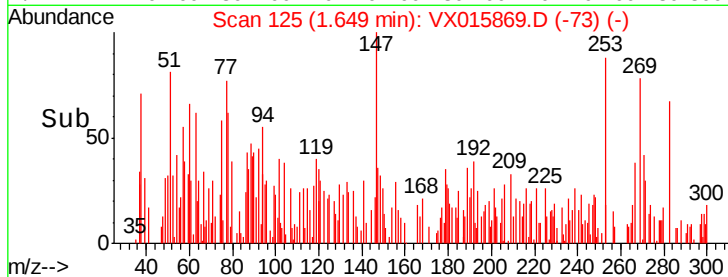
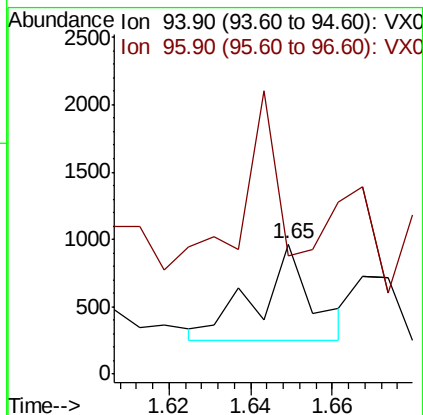
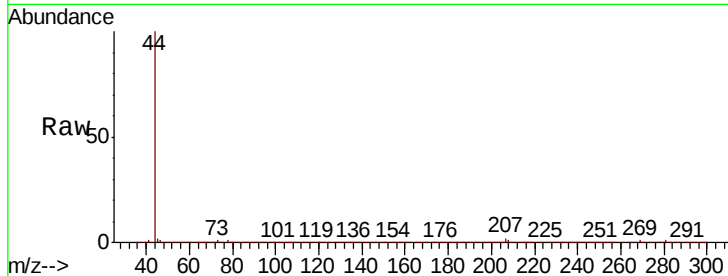
KY001MW019-200421

Tot Ion: 94 Resp: 659

Ion Ratio Lower Upper

94 100

96 0.0 76.7 115.1#



#11

Tert butyl alcohol

Concen: 32.836 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015869.D

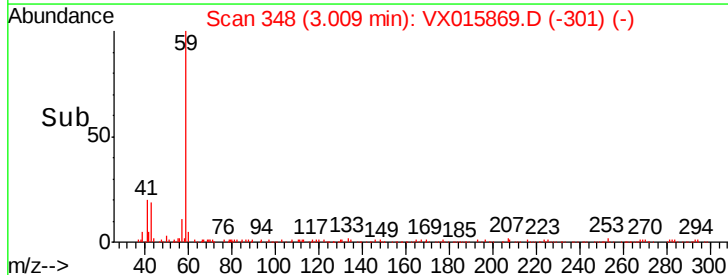
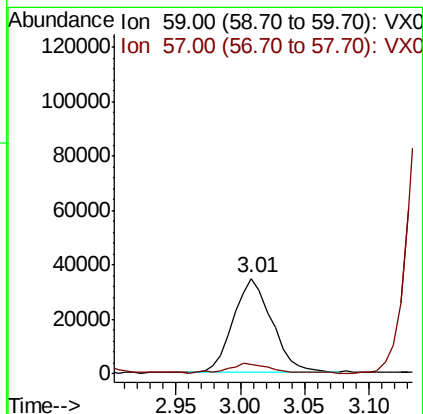
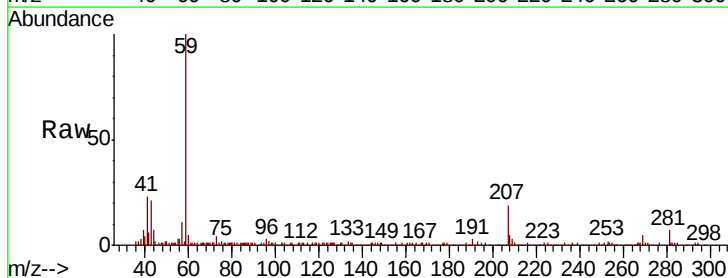
Acq: 23 Apr 2020 03:12

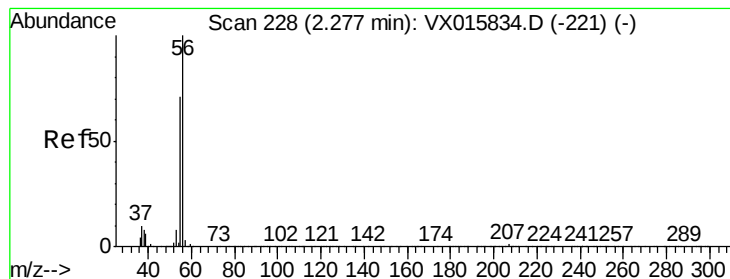
Tgt Ion: 59 Resp: 72114

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.222 ug/l

RT: 2.24 min Scan# 222

Delta R.T. -0.04 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

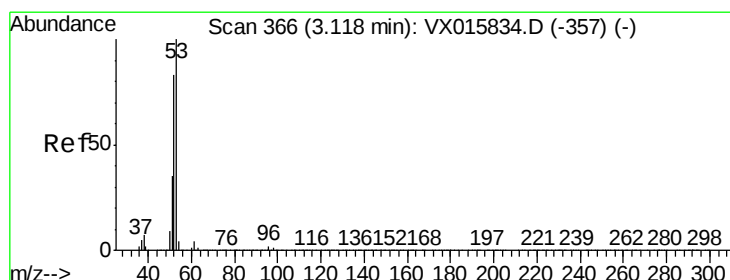
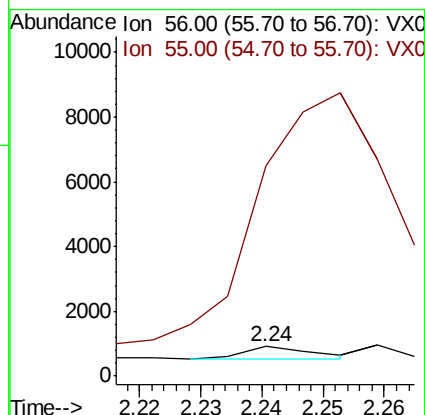
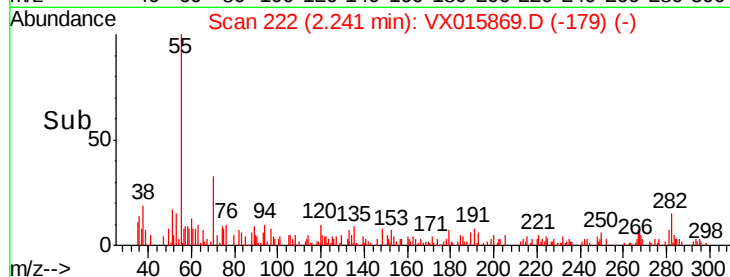
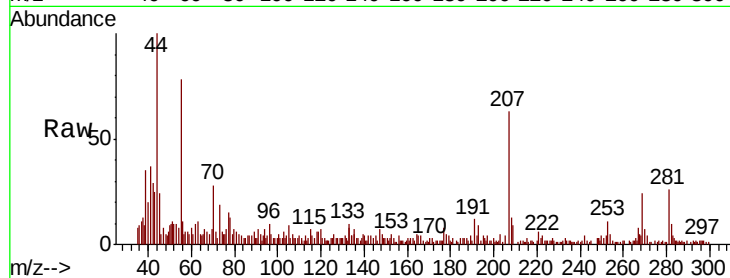
KY001MW019-200421

Tot Ion: 56 Resp: 288

Ion Ratio Lower Upper

56 100

55 4701.7 56.1 84.1#



#15

Acrylonitrile

Concen: 4.247 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.04 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

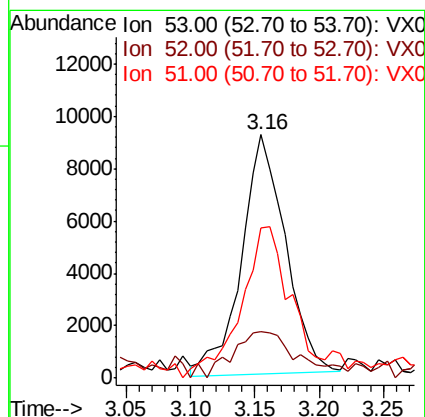
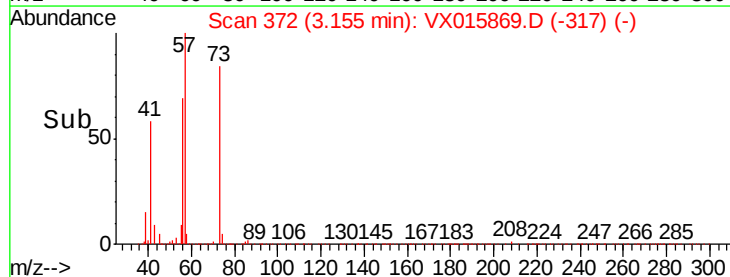
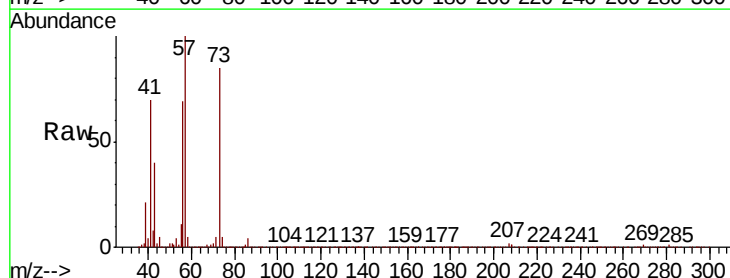
Tgt Ion: 53 Resp: 21652

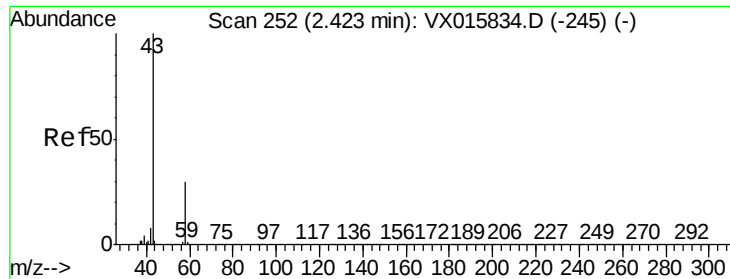
Ion Ratio Lower Upper

53 100

52 29.9 66.2 99.4#

51 71.3 28.6 43.0#





#16

Acetone

Concen: 8.932 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

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ClientSampleId :

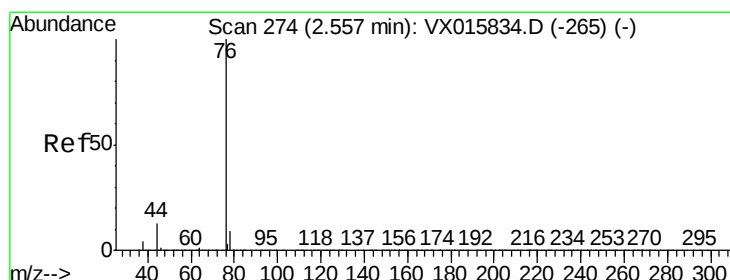
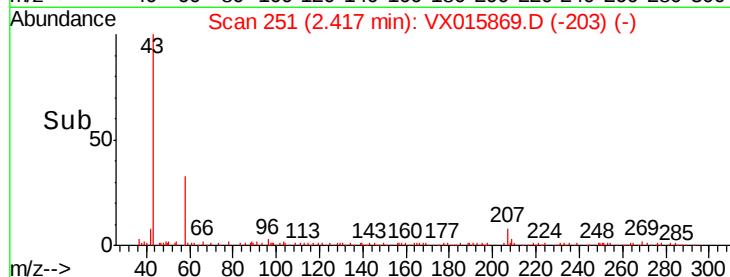
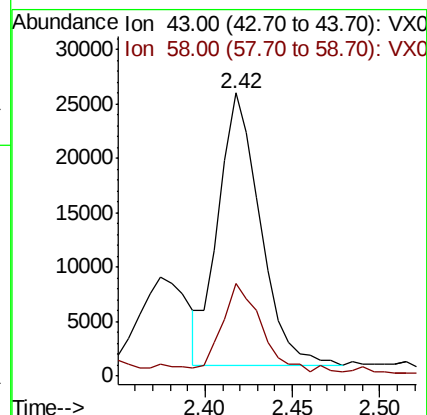
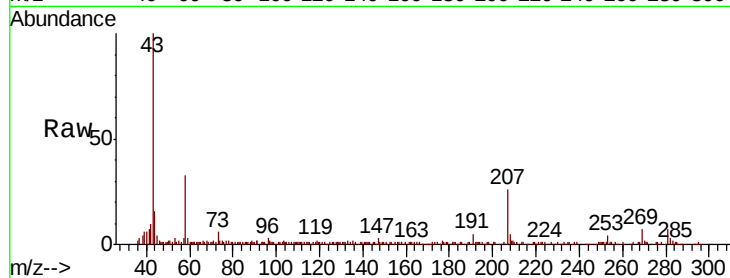
KY001MW019-200421

Tot Ion: 43 Resp: 41805

Ion Ratio Lower Upper

43 100

58 32.5 24.0 36.0



#17

Carbon Disulfide

Concen: 0.676 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015869.D

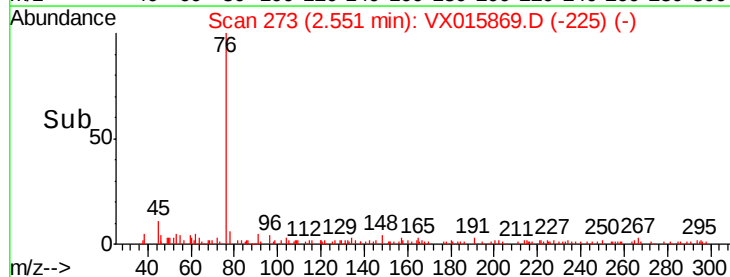
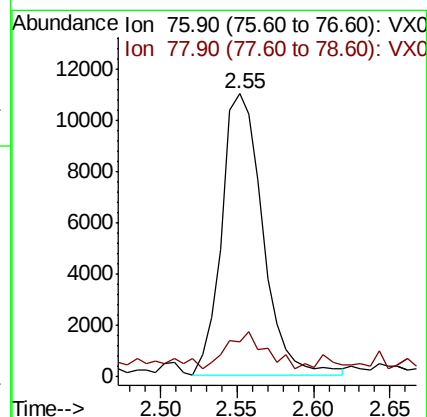
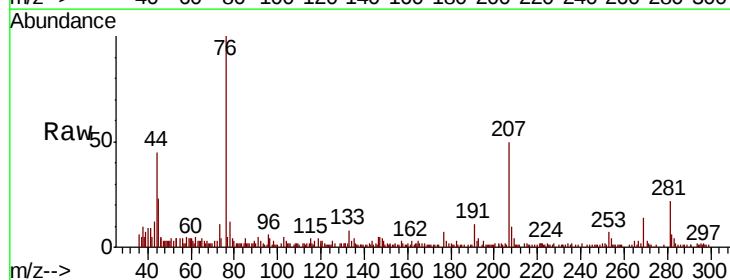
Acq: 23 Apr 2020 03:12

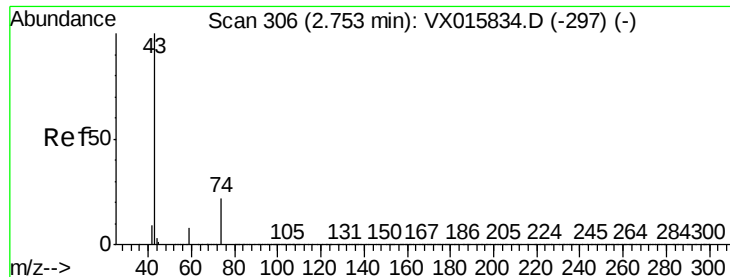
Tgt Ion: 76 Resp: 20311

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2

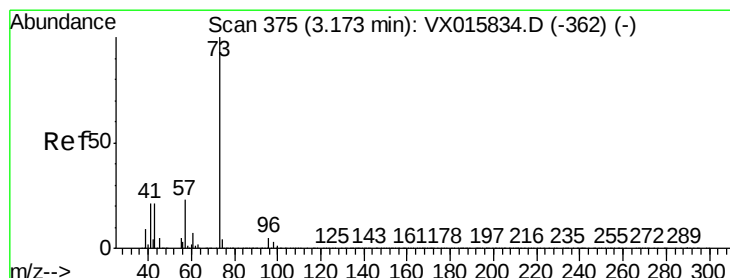
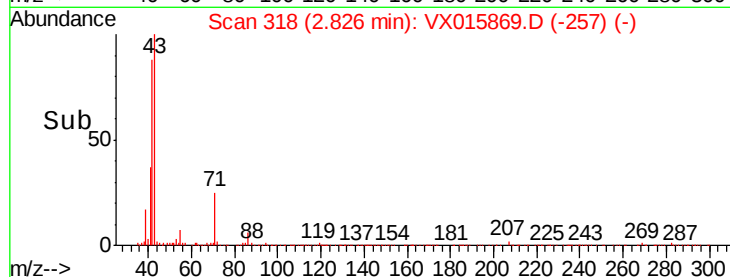
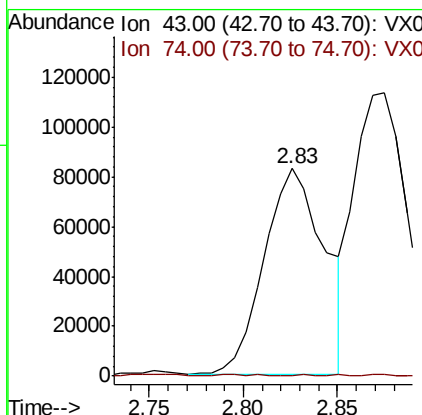
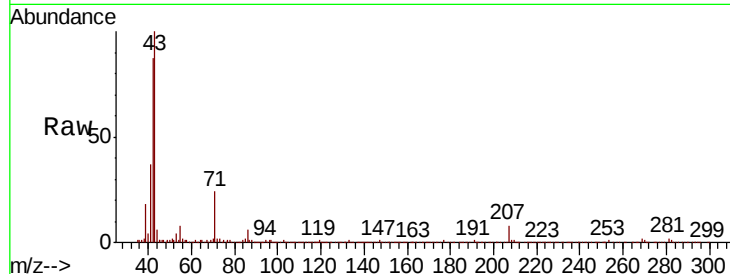




#18
Methyl Acetate
Concen: 11.811 ug/l
RT: 2.83 min Scan# 318
Delta R.T. 0.07 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

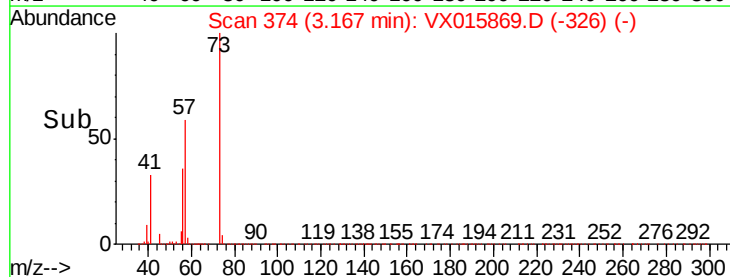
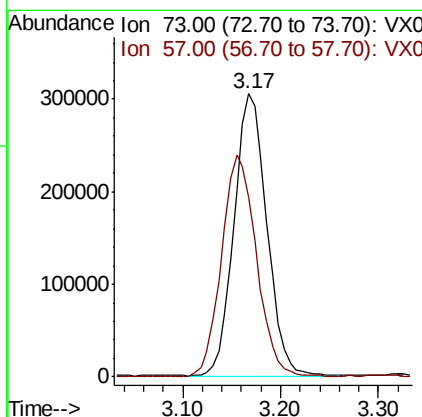
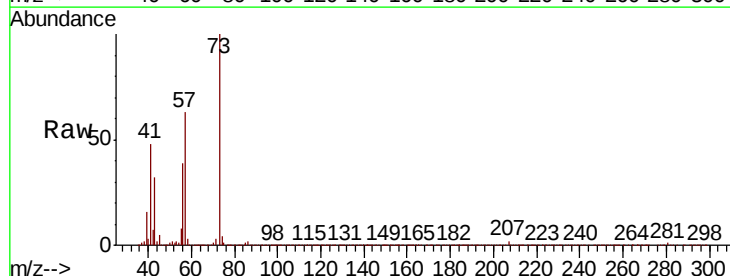
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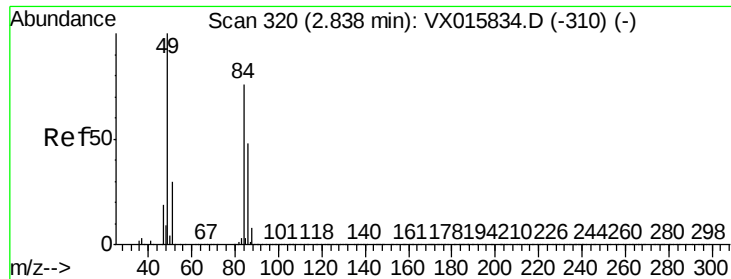
Tot Ion: 43 Resp: 182499
Ion Ratio Lower Upper
43 100
74 0.1 17.9 26.9#



#19
Methyl tert-butyl Ether
Concen: 24.219 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 73 Resp: 707737
Ion Ratio Lower Upper
73 100
57 63.4 18.1 27.1#

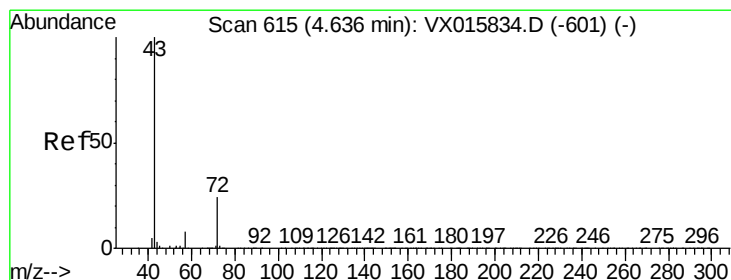
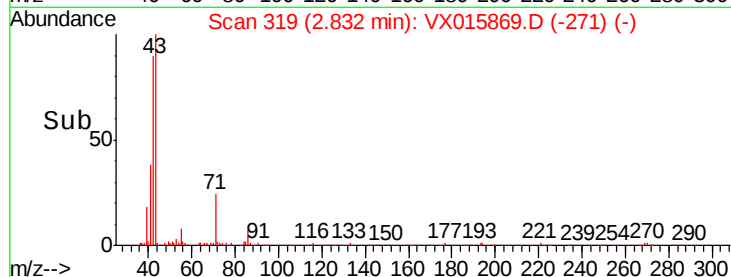
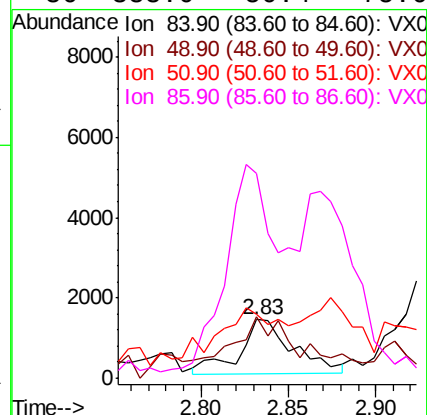
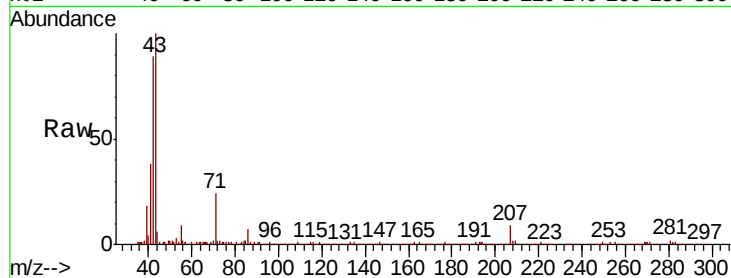




#20
Methvlene Chloride
Concen: 0.302 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

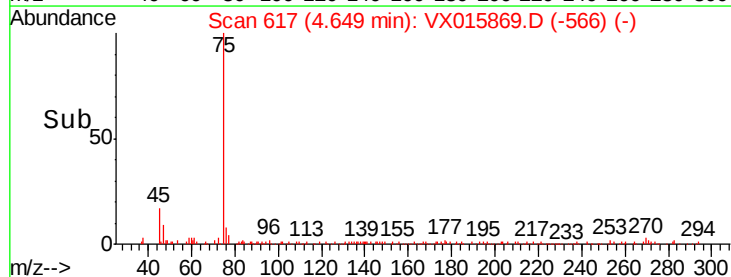
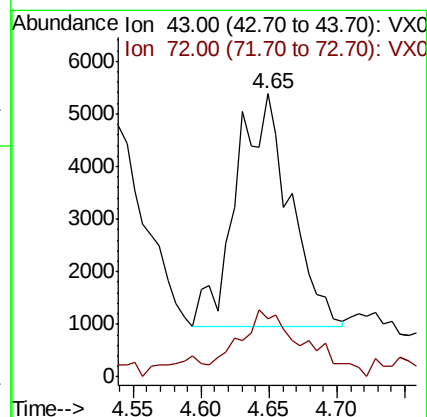
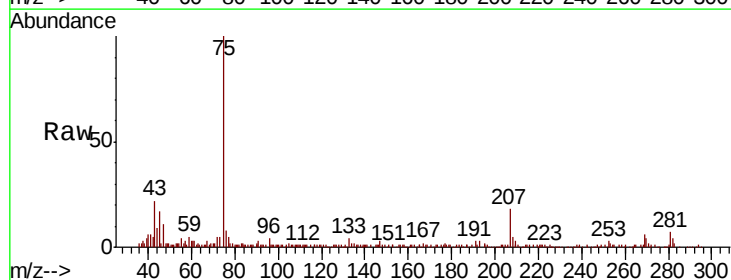
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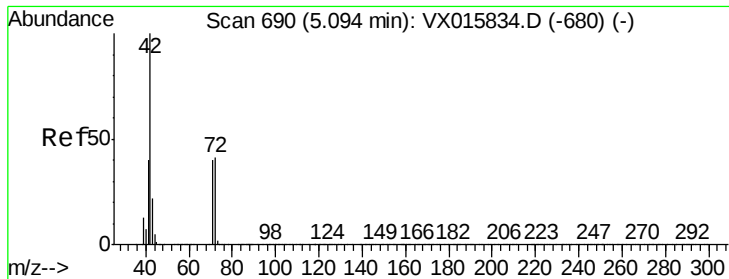
Tot Ion: 84 Resp: 2867
Ion Ratio Lower Upper
84 100
49 88.0 104.9 157.3#
51 47.9 32.0 48.0
86 388.0 50.4 75.6#



#25
2-Butanone
Concen: 1.658 ug/l
RT: 4.65 min Scan# 617
Delta R.T. 0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 43 Resp: 12266
Ion Ratio Lower Upper
43 100
72 19.3 19.4 29.2#

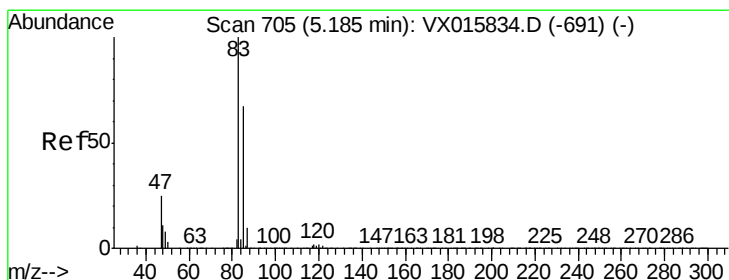
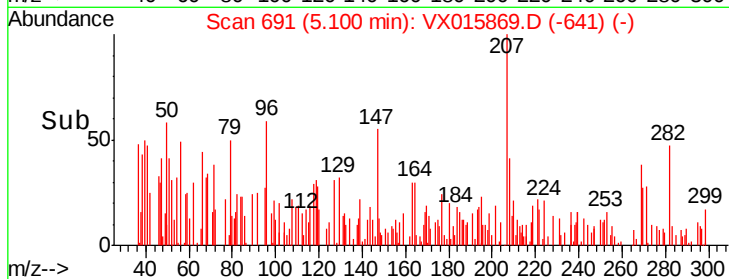
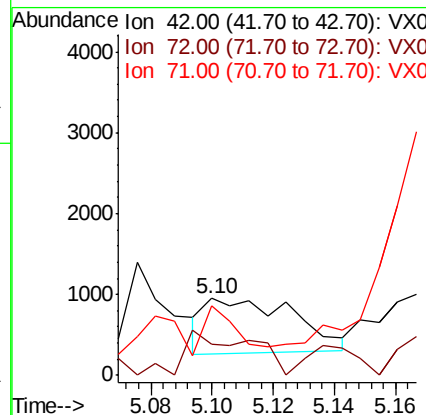
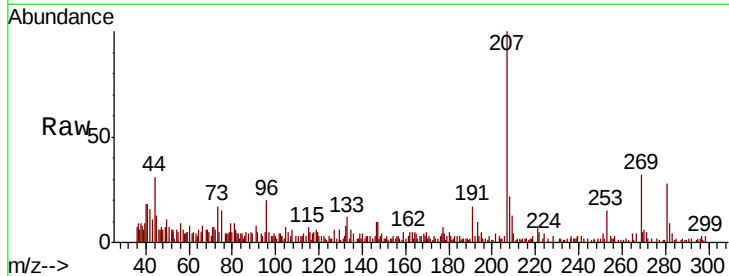




#29
Tetrahydrofuran
Concen: 0.280 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

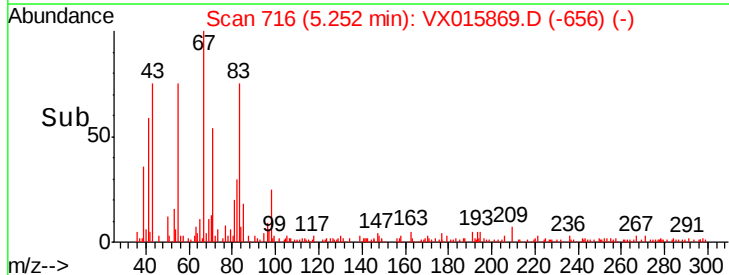
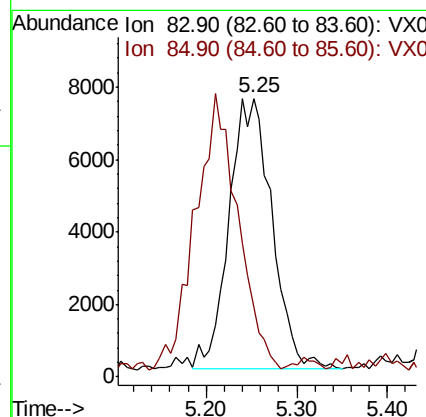
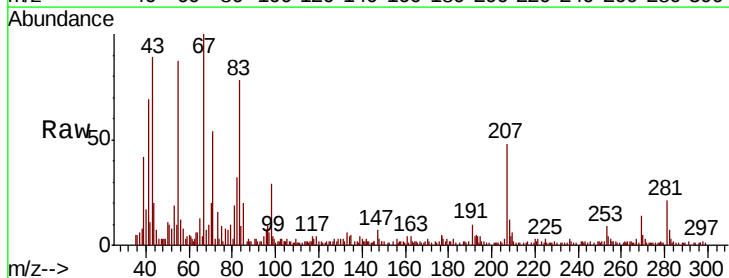
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

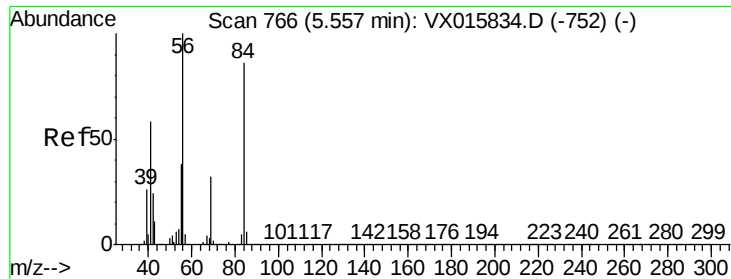
Tot Ion: 42 Resp: 1372
Ion Ratio Lower Upper
42 100
72 61.4 33.0 49.6#
71 0.0 30.6 45.8#



#30
Chloroform
Concen: 1.479 ug/l
RT: 5.25 min Scan# 716
Delta R.T. 0.07 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 83 Resp: 24582
Ion Ratio Lower Upper
83 100
85 20.8 53.4 80.0#

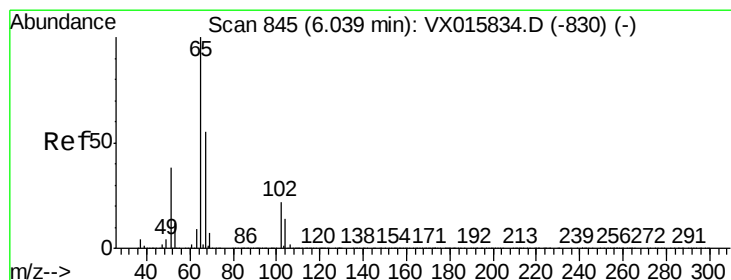
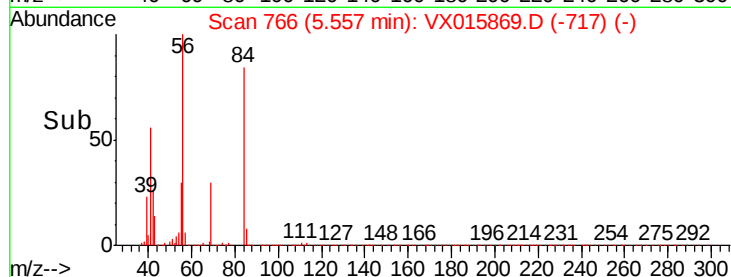
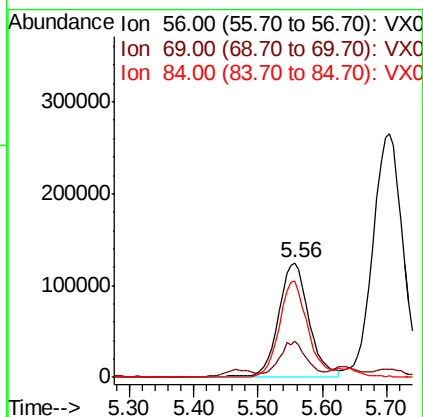
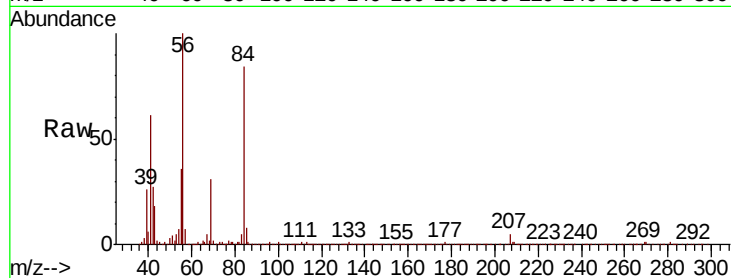




#31
Cyclohexane
Concen: 26.067 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

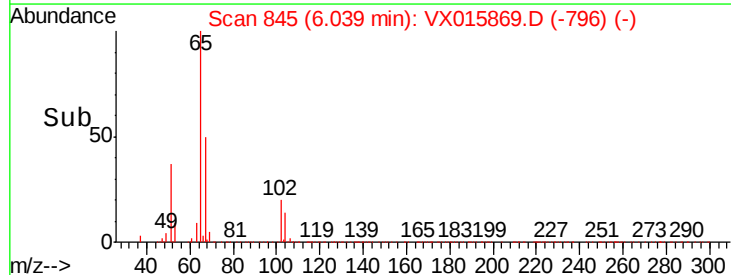
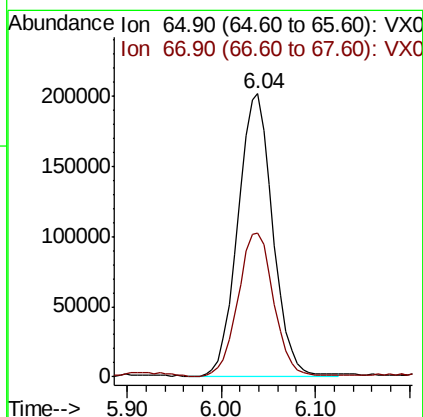
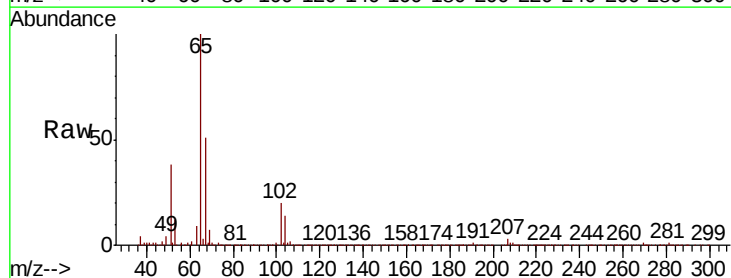
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

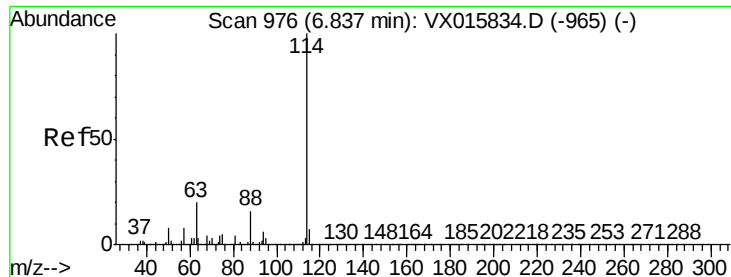
Tot Ion: 56 Resp: 409358
Ion Ratio Lower Upper
56 100
69 31.0 25.3 37.9
84 84.0 69.1 103.7



#33
1,2-Dichloroethane-d4
Concen: 48.278 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 65 Resp: 518928
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

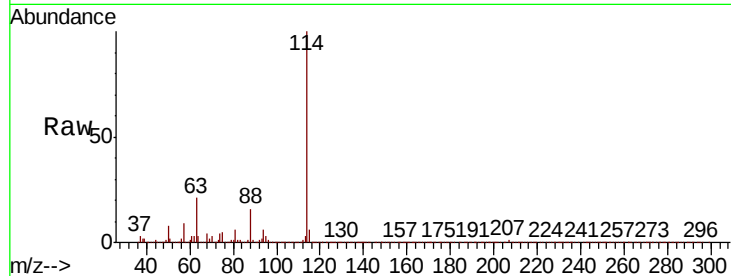
Tot Ion:114 Resp: 1437226

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

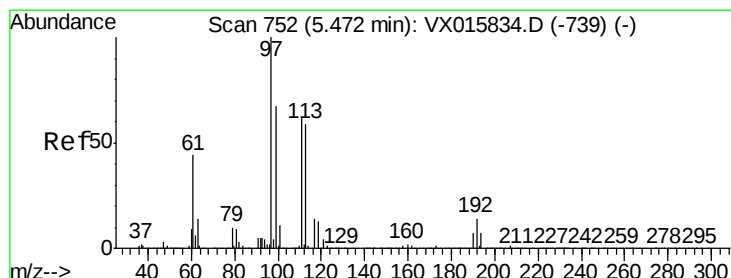
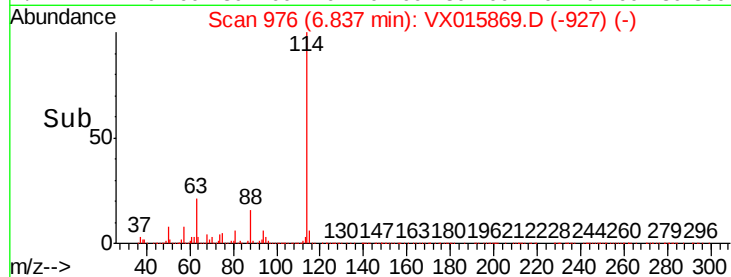
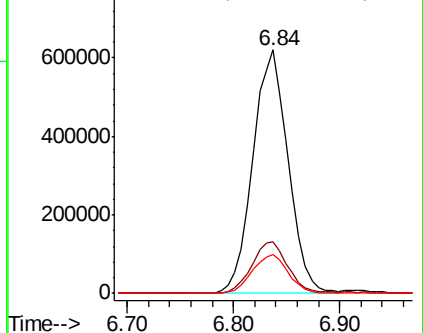
88 16.0 0.0 32.8



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: 51.591 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

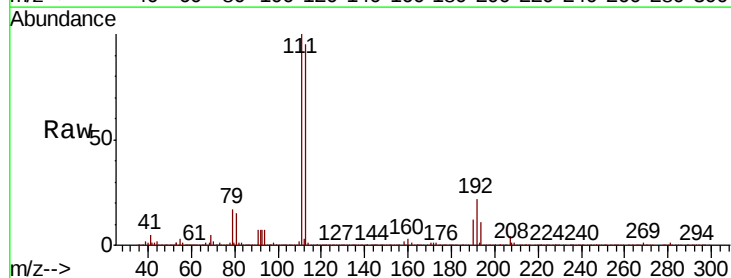
Tgt Ion:113 Resp: 427998

Ion Ratio Lower Upper

113 100

111 102.2 82.7 124.1

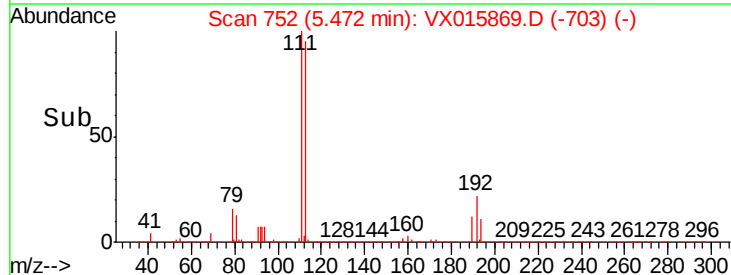
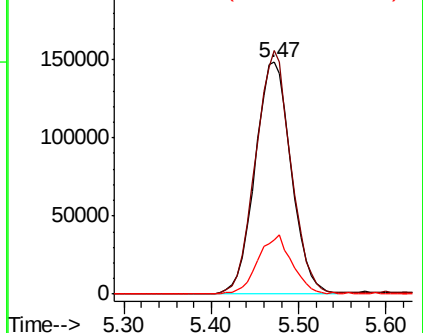
192 23.9 19.3 28.9

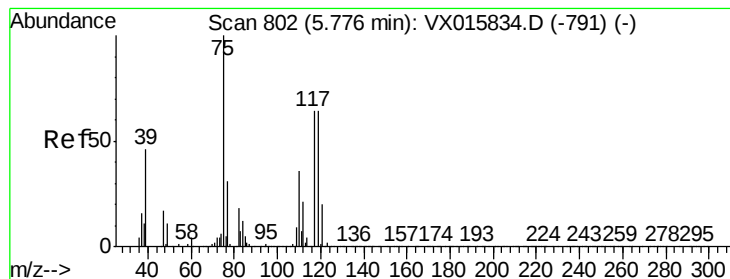


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.046 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.15 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

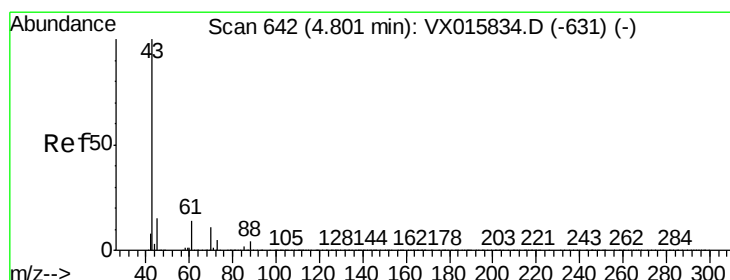
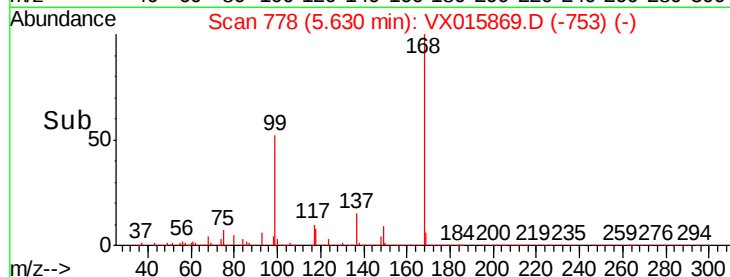
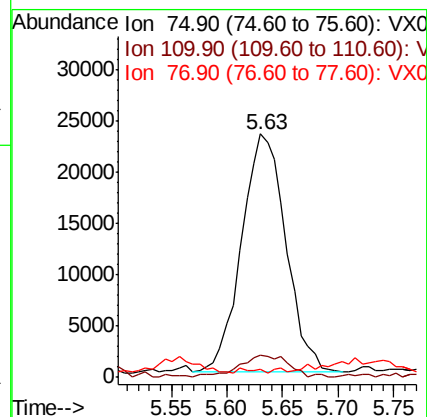
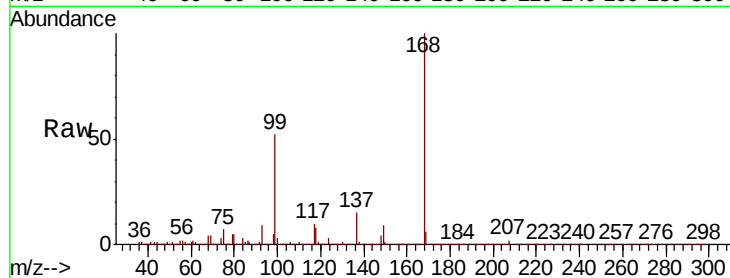
Tot Ion: 75 Resp: 64287

Ion Ratio Lower Upper

75 100

110 10.5 17.9 53.8#

77 0.5 24.5 36.7#



#37

Ethyl Acetate

Concen: 0.316 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.23 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

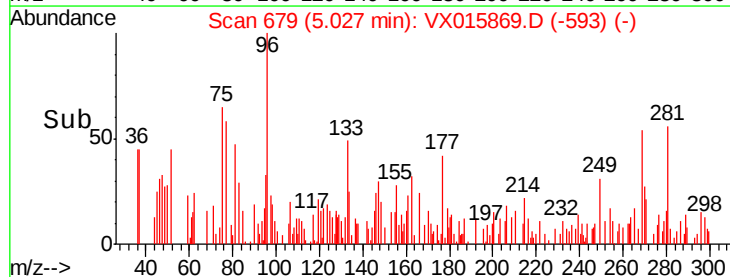
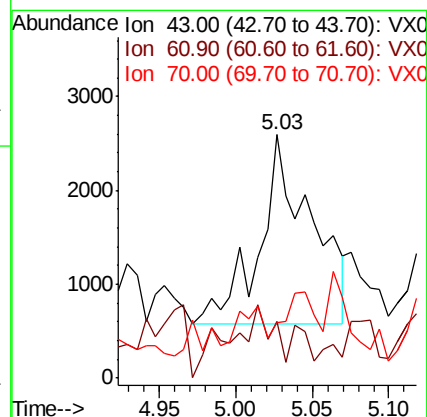
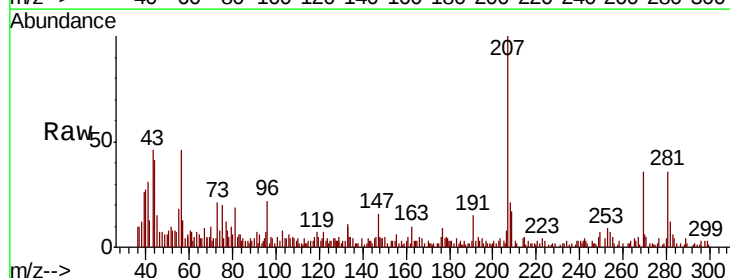
Tgt Ion: 43 Resp: 4797

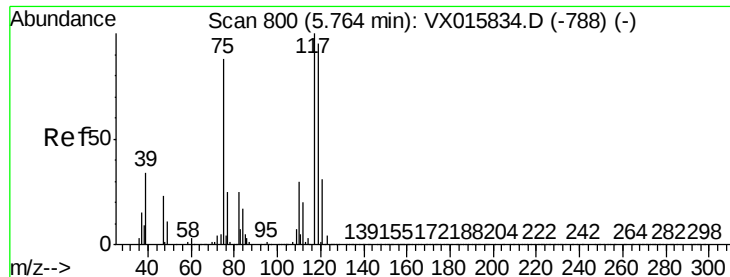
Ion Ratio Lower Upper

43 100

61 14.0 10.8 16.2

70 9.9 8.2 12.2

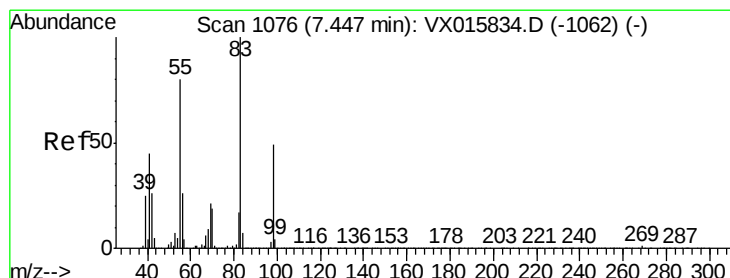
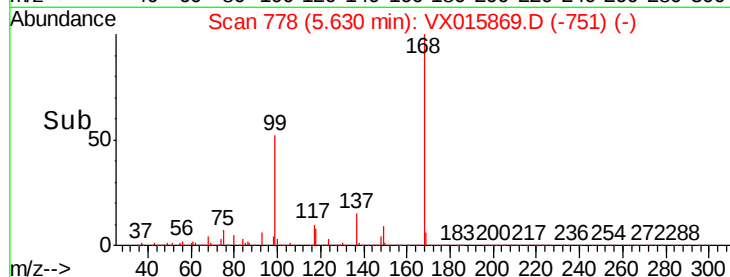
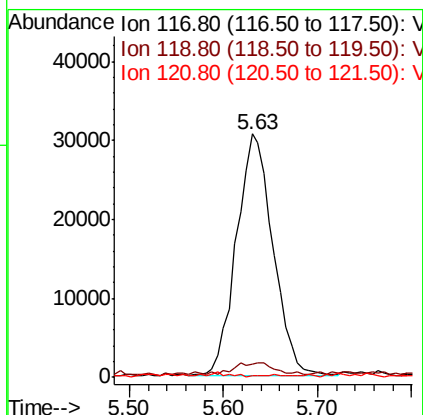
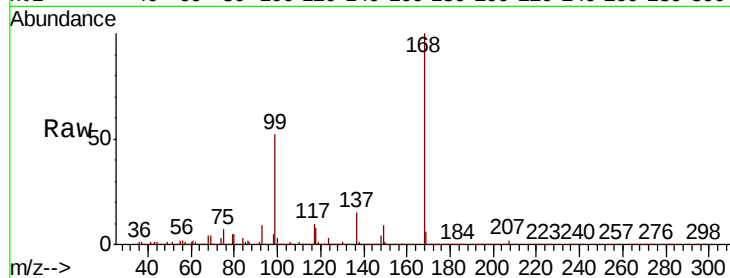




#38
Carbon Tetrachloride
Concen: 6.592 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.13 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

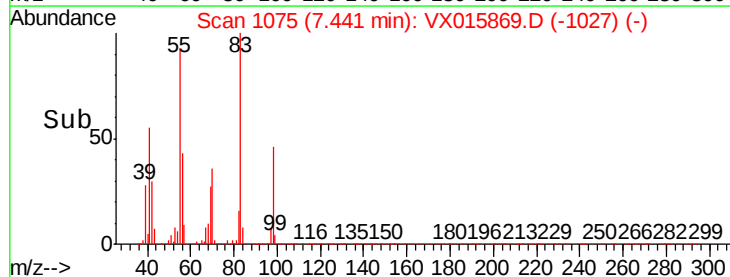
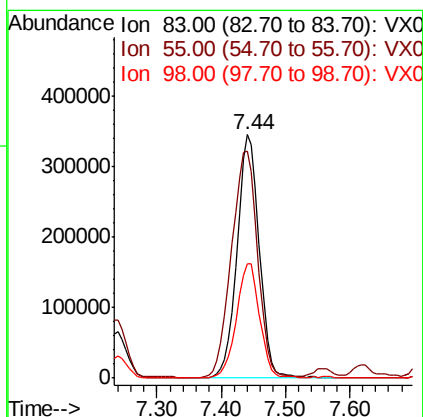
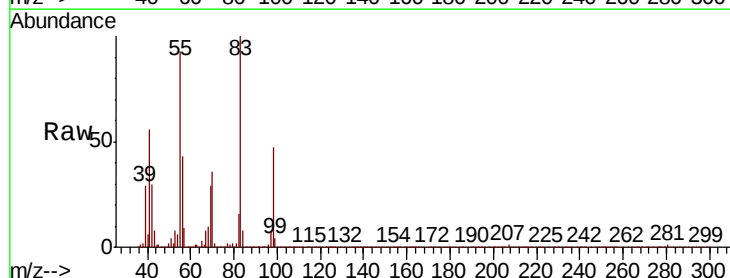
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

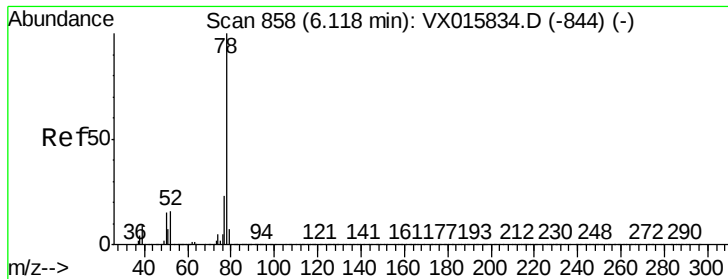
Tot Ion:117 Resp: 82731
Ion Ratio Lower Upper
117 100
119 4.6 75.7 113.5#
121 0.5 25.0 37.6#



#39
Methylcyclohexane
Concen: 51.109 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 83 Resp: 824652
Ion Ratio Lower Upper
83 100
55 93.0 64.2 96.4
98 47.0 39.3 58.9





#40

Benzene

Concen: 15.104 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

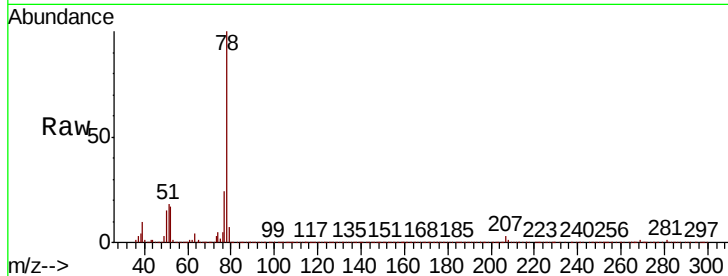
KY001MW019-200421

Tot Ion: 78 Resp: 579617

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.12

250000

200000

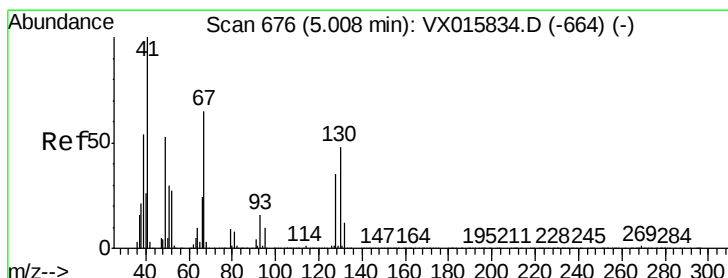
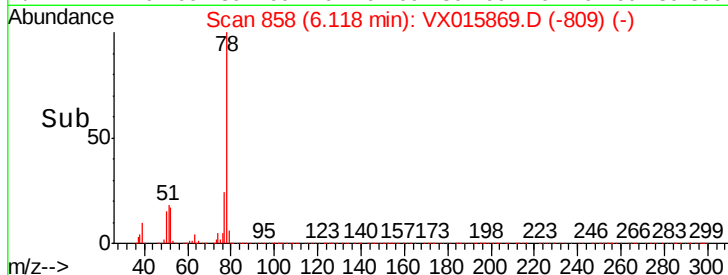
150000

100000

50000

0

Time-->



#41

Methacrylonitrile

Concen: 0.201 ug/l

RT: 4.97 min Scan# 670

Delta R.T. -0.04 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Tgt Ion: 41 Resp: 1697

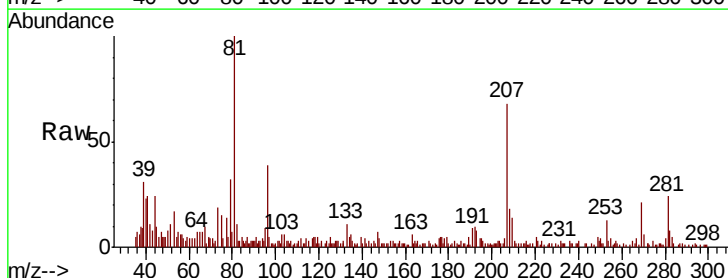
Ion Ratio Lower Upper

41 100

39 155.6 42.4 63.6#

67 75.3 51.9 77.9

52 81.4 21.0 31.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

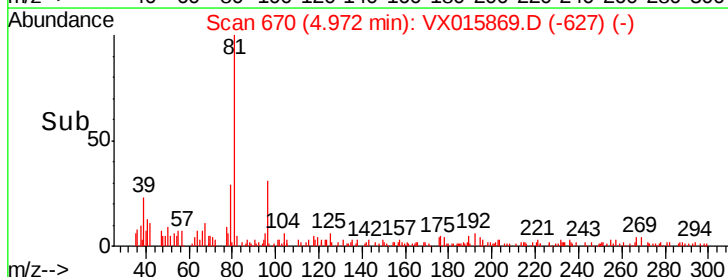
3000

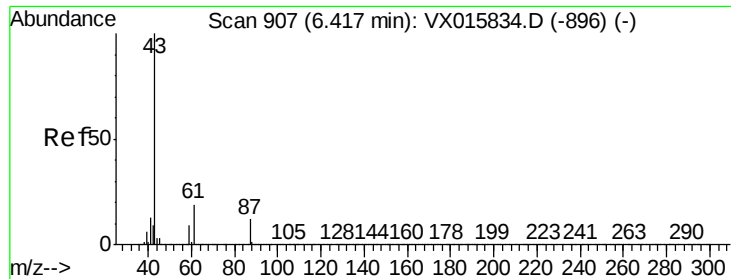
2000

1000

0

Time-->





#43

Isopropyl Acetate

Concen: 1.738 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

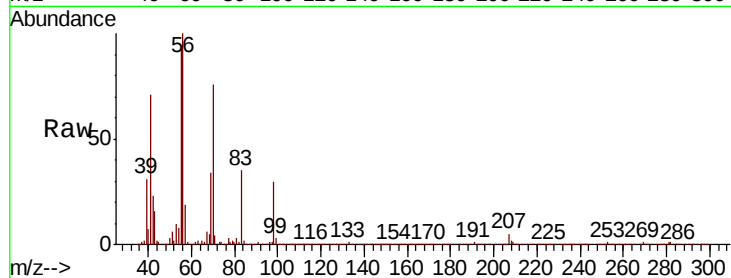
Tot Ion: 43 Resp: 44458

Ion Ratio Lower Upper

43 100

61 3.1 15.4 23.2#

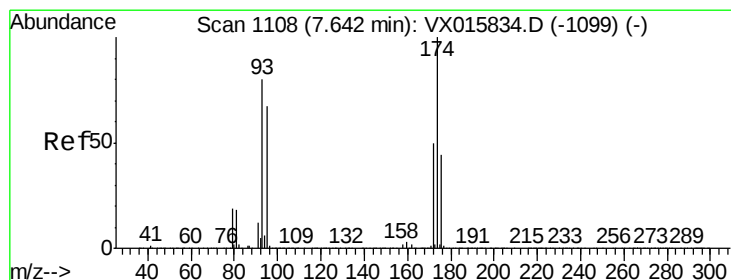
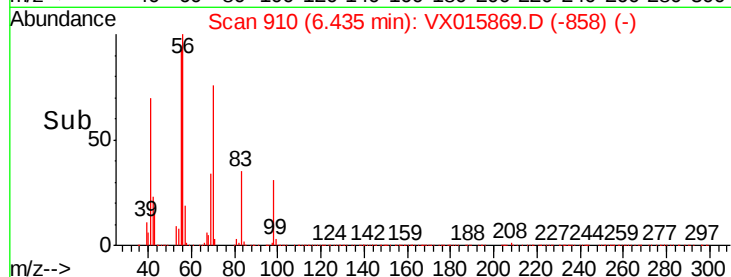
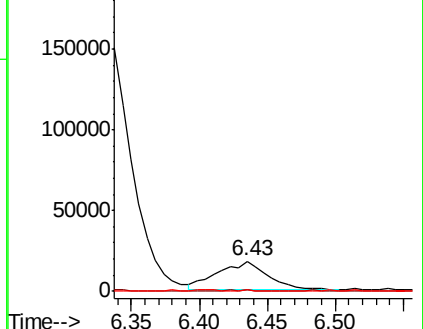
87 0.0 9.8 14.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#46

Dibromomethane

Concen: 0.350 ug/l

RT: 7.62 min Scan# 1104

Delta R.T. -0.02 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

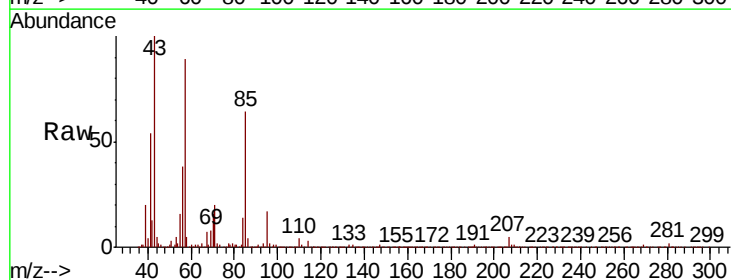
Tgt Ion: 93 Resp: 2567

Ion Ratio Lower Upper

93 100

95 1841.5 65.8 98.8#

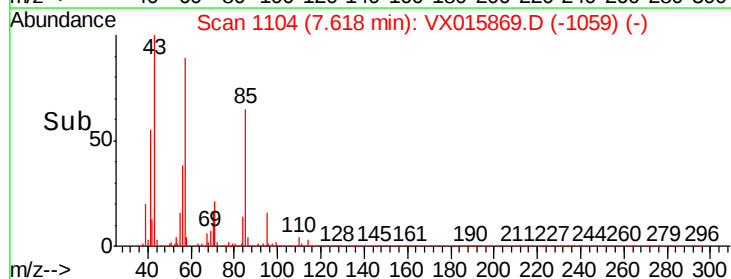
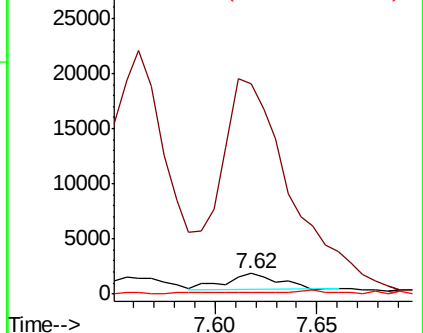
174 7.8 95.6 143.4#

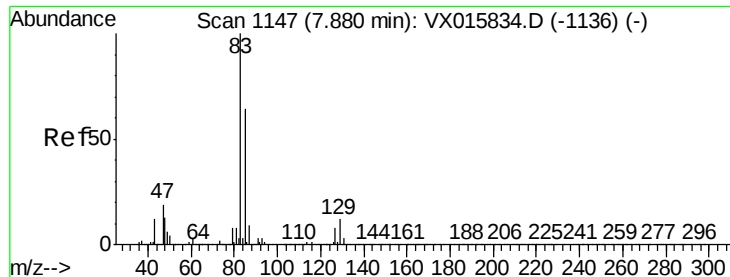


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 1.243 ug/l

RT: 7.82 min Scan# 1138

Delta R.T. -0.05 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

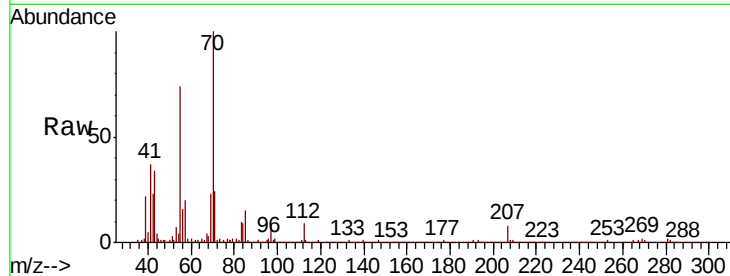
Tot Ion: 83 Resp: 16229

Ion Ratio Lower Upper

83 100

85 142.8 50.8 76.2#

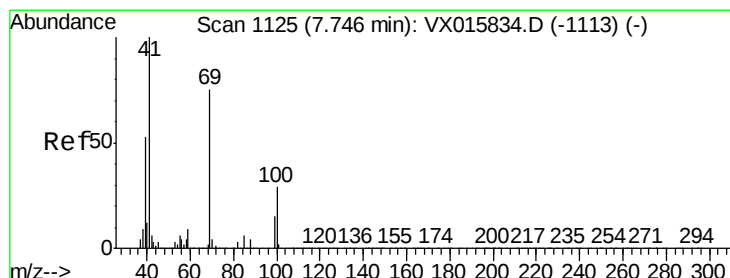
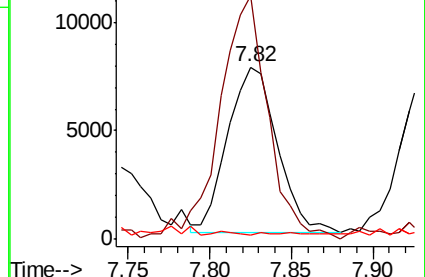
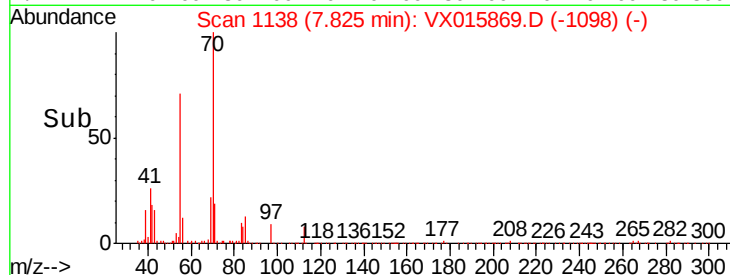
127 0.0 6.6 10.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.862 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.04 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

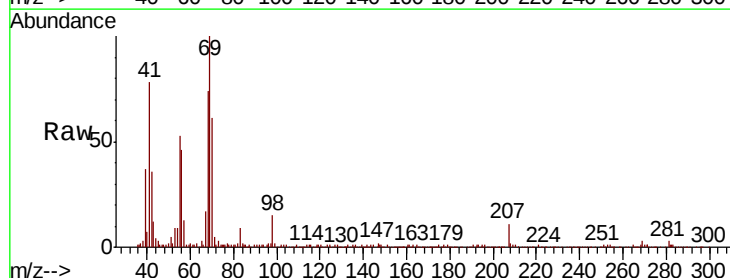
Tgt Ion: 41 Resp: 73758

Ion Ratio Lower Upper

41 100

69 139.2 60.5 90.7#

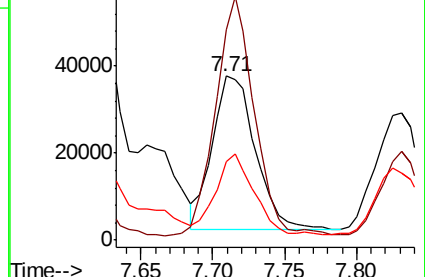
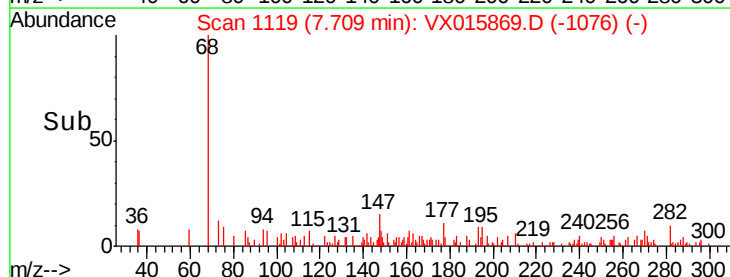
39 47.0 42.1 63.1

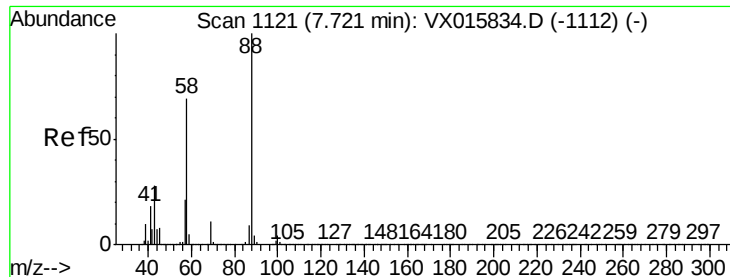


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

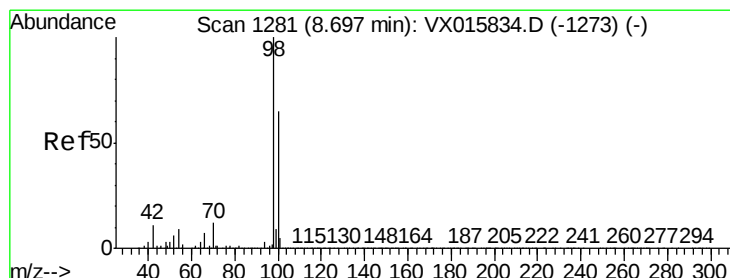
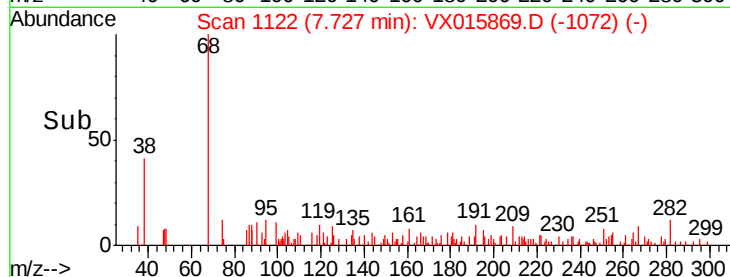
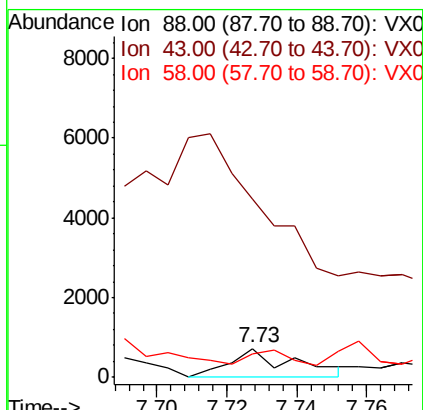
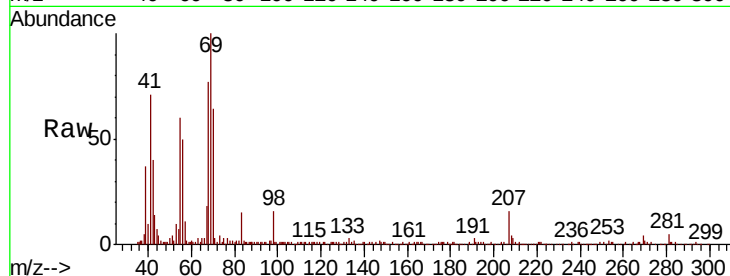




#49
1,4-Dioxane
Concen: 3.877 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

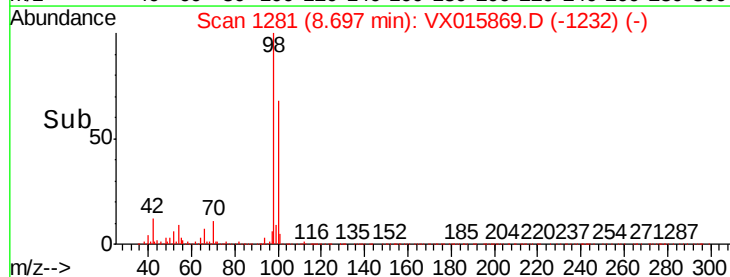
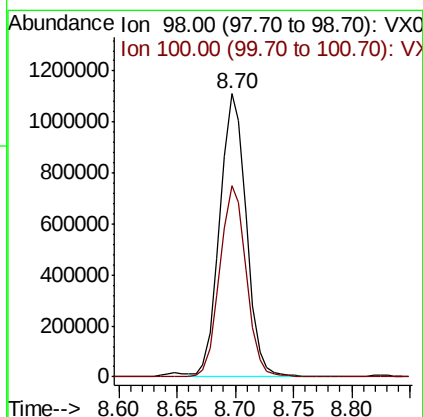
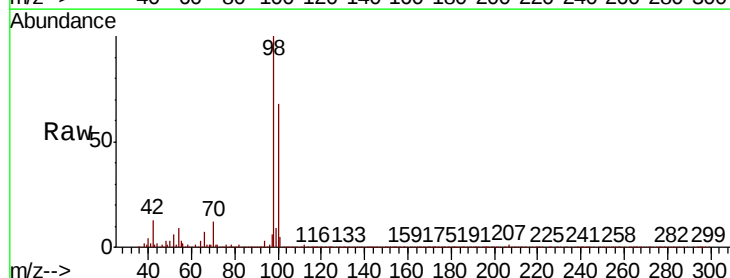
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

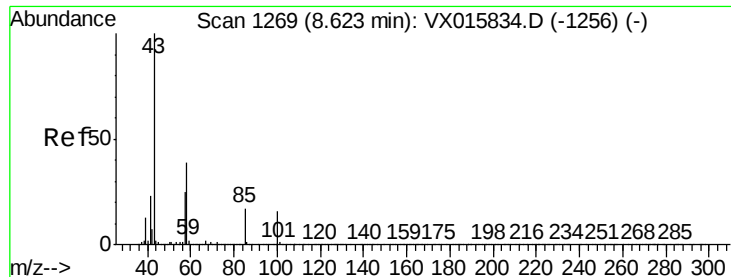
Tot Ion: 88 Resp: 922
Ion Ratio Lower Upper
88 100
43 0.0 28.2 42.4#
58 0.0 58.9 88.3#



#50
Toluene-d8
Concen: 51.968 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 98 Resp: 1735561
Ion Ratio Lower Upper
98 100
100 67.8 53.8 80.6

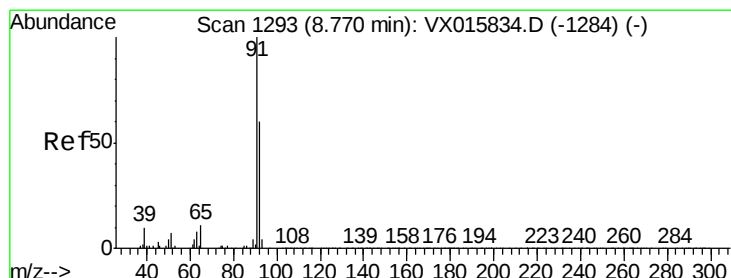
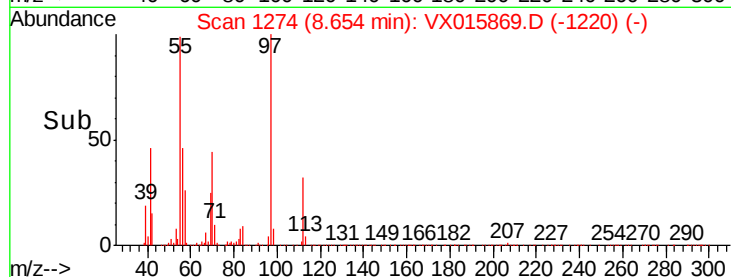
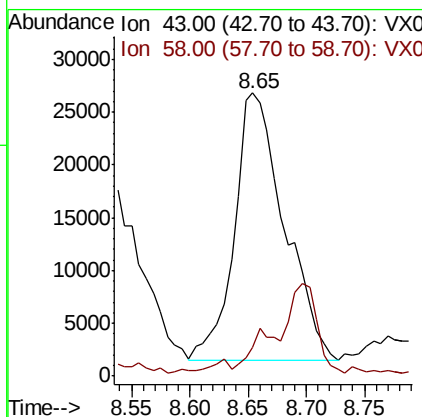
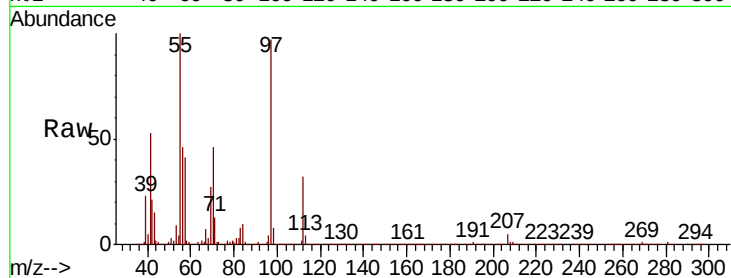




#51
4-Methyl-2-Pentanone
Concen: 5.106 ug/l
RT: 8.65 min Scan# 1274
Delta R.T. 0.03 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

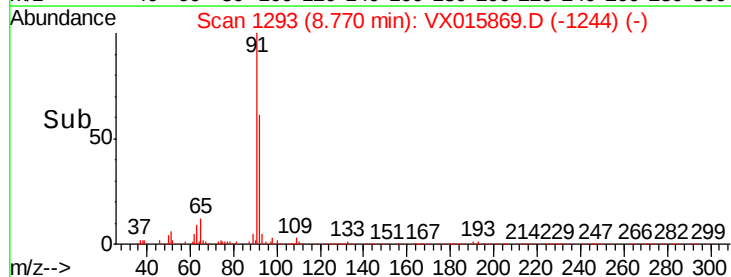
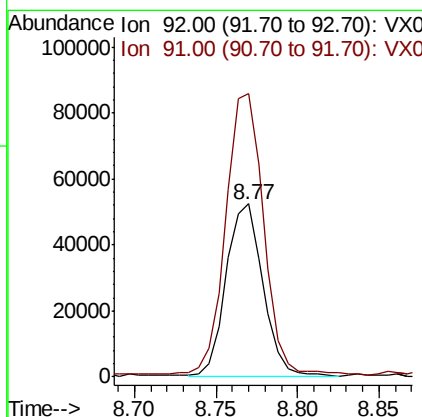
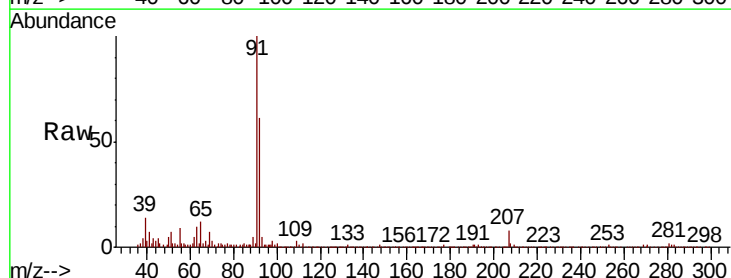
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

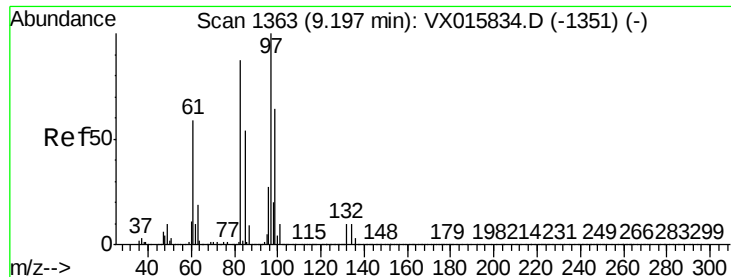
Tot Ion: 43 Resp: 75393
Ion Ratio Lower Upper
43 100
58 8.9 30.6 45.8#



#52
Toluene
Concen: 3.307 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 92 Resp: 81337
Ion Ratio Lower Upper
92 100
91 168.9 133.4 200.0





#55

1,1,2-Trichloroethane

Concen: 28.024 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.05 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion: 97 Resp: 269167

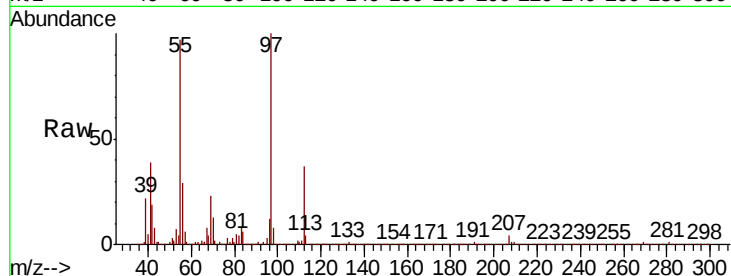
Ion Ratio Lower Upper

97 100

83 6.8 69.8 104.8#

85 0.1 43.4 65.2#

99 0.2 51.2 76.8#

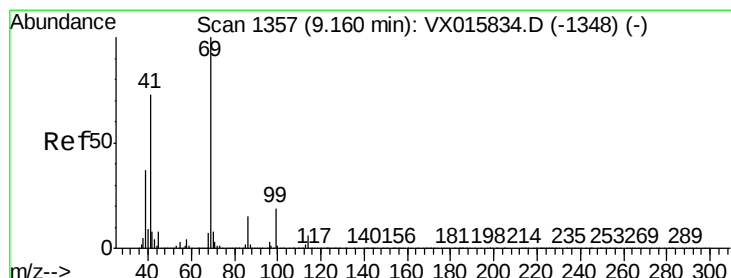
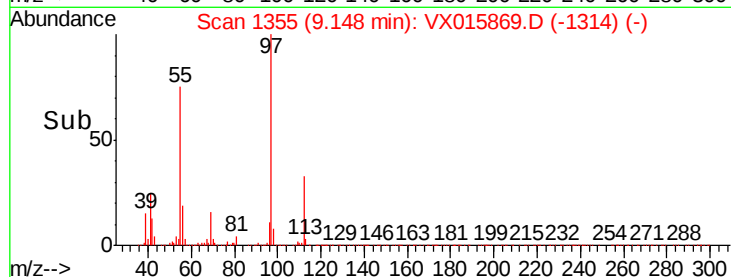
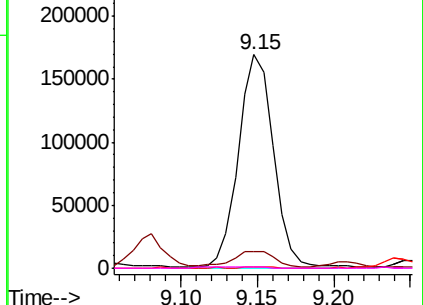


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 3.771 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

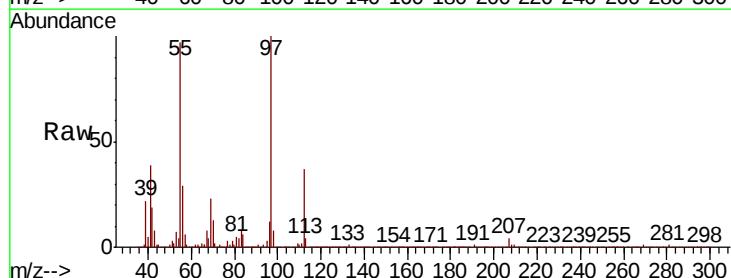
Tgt Ion: 69 Resp: 61348

Ion Ratio Lower Upper

69 100

41 173.9 57.4 86.2#

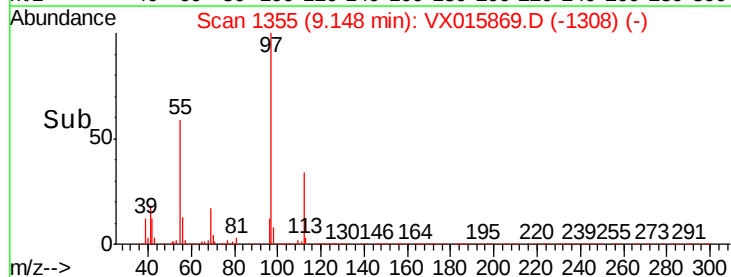
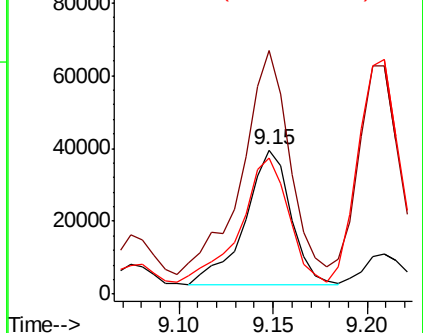
39 97.6 29.7 44.5#

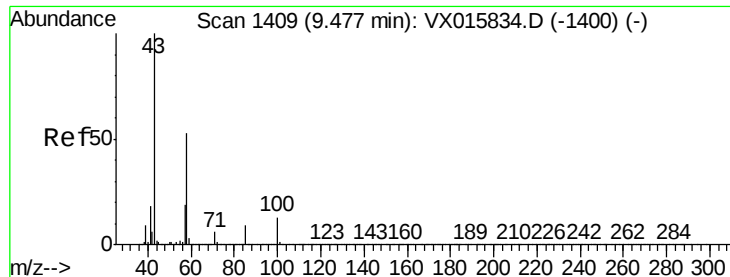


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

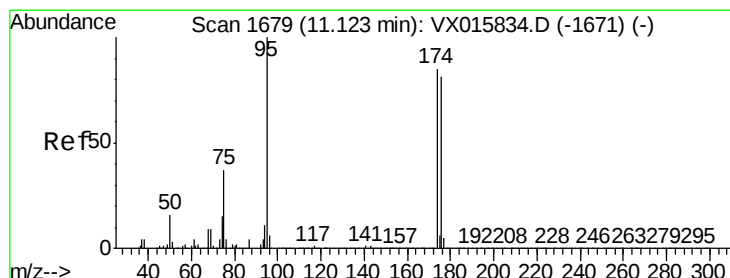
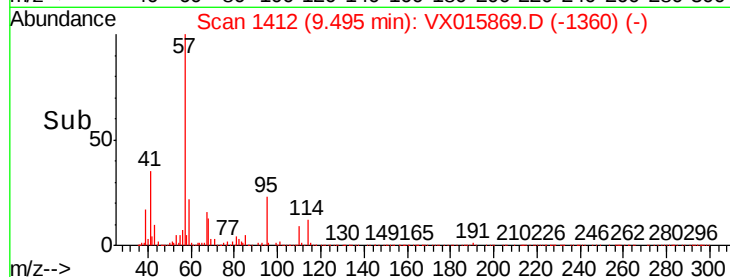
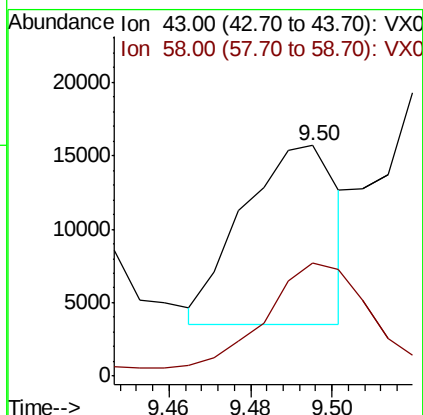
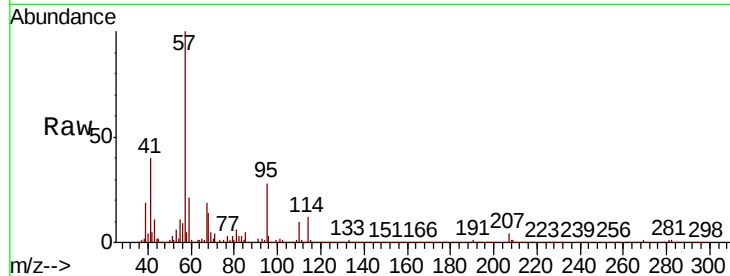




#59
2-Hexanone
Concen: 1.743 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.02 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

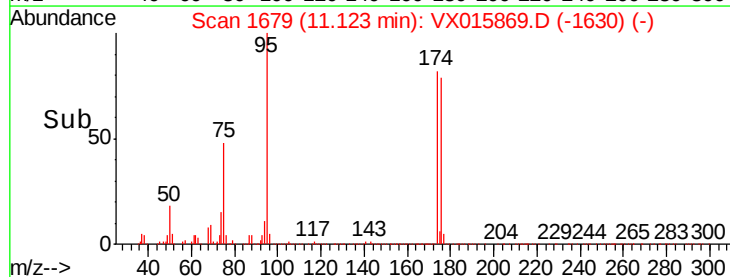
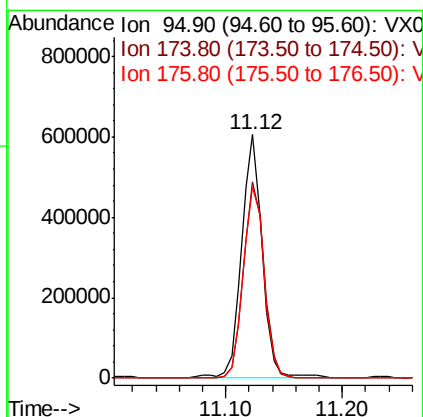
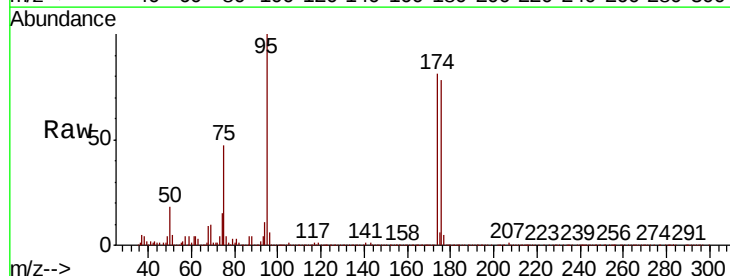
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

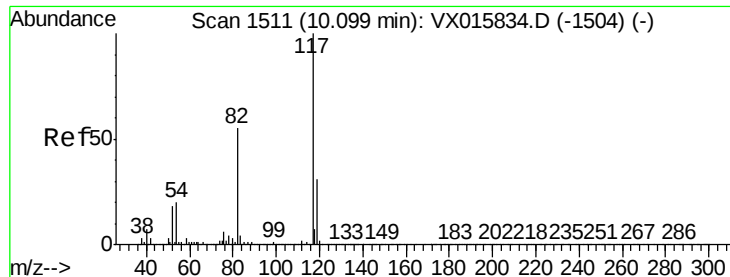
Tot Ion: 43 Resp: 19608
Ion Ratio Lower Upper
43 100
58 69.3 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 54.364 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 95 Resp: 744798
Ion Ratio Lower Upper
95 100
174 81.7 0.0 172.4
176 80.8 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: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

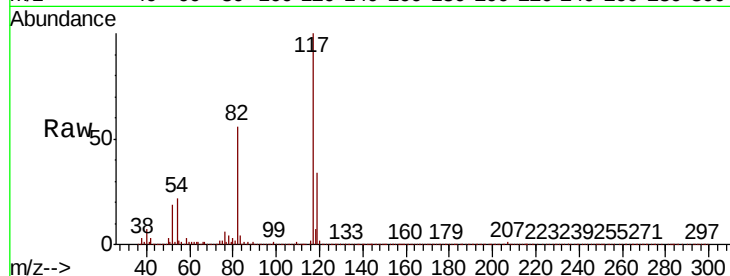
Tot Ion:117 Resp: 1412233

Ion Ratio Lower Upper

117 100

82 55.5 43.9 65.9

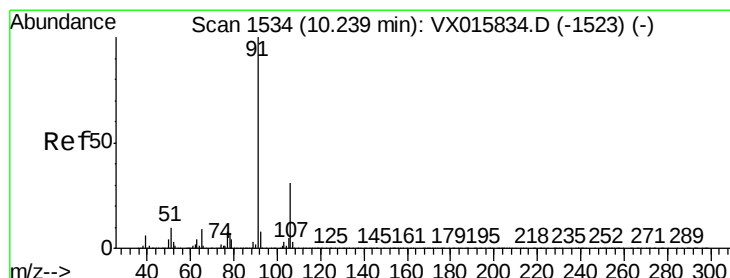
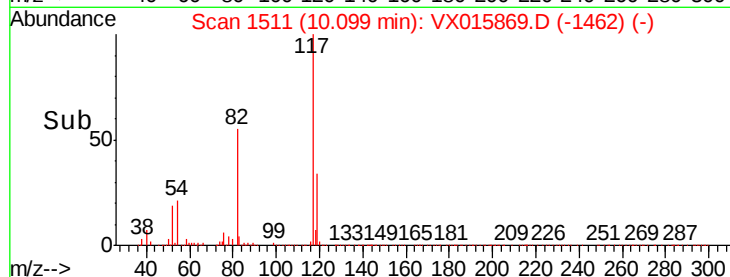
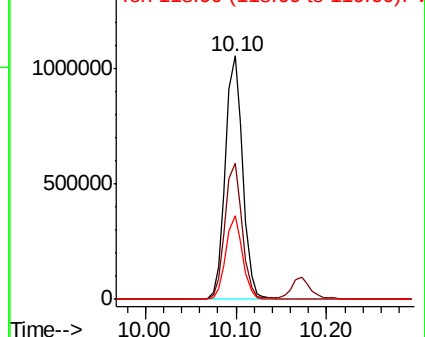
119 34.2 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 8.240 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015869.D

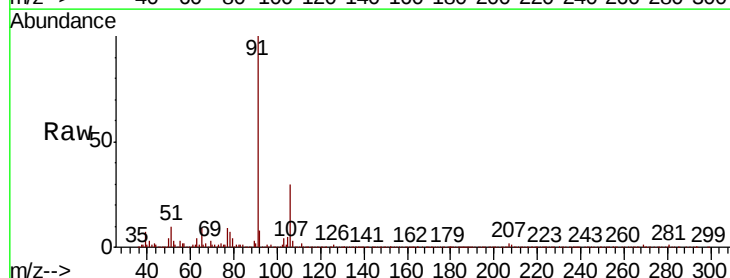
Acq: 23 Apr 2020 03:12

Tgt Ion: 91 Resp: 408633

Ion Ratio Lower Upper

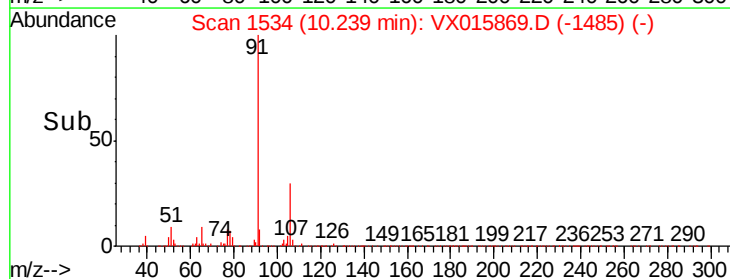
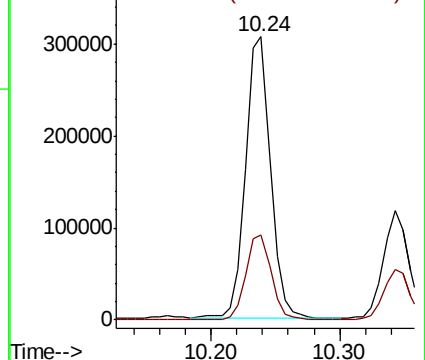
91 100

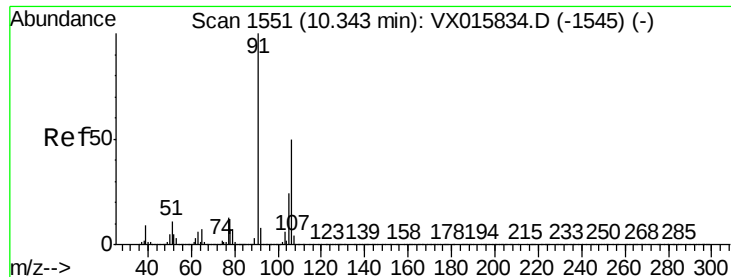
106 30.0 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xvlenes

Concen: 3.994 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

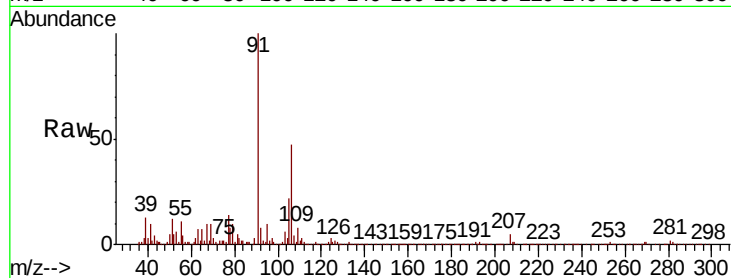
KY001MW019-200421

Tot Ion:106 Resp: 74349

Ion Ratio Lower Upper

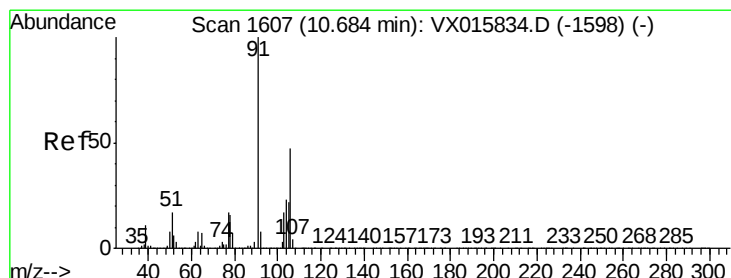
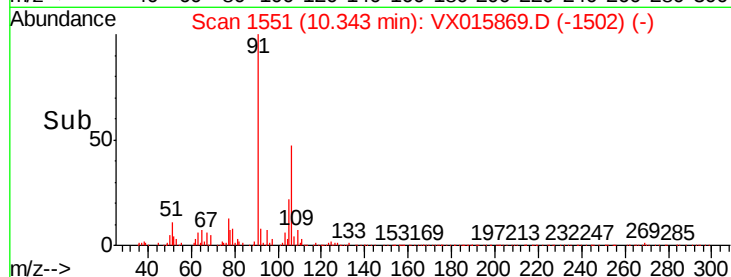
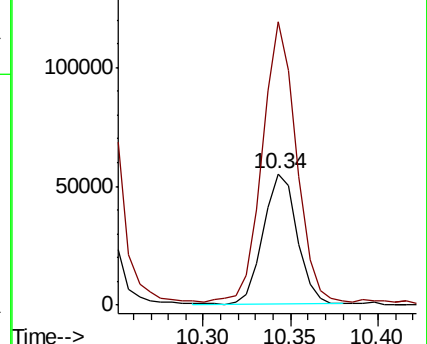
106 100

91 213.8 161.1 241.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.703 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015869.D

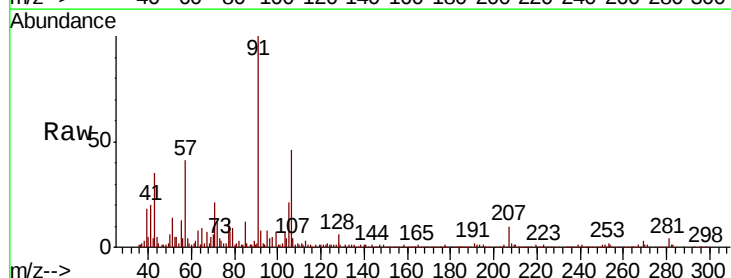
Acq: 23 Apr 2020 03:12

Tgt Ion:106 Resp: 31191

Ion Ratio Lower Upper

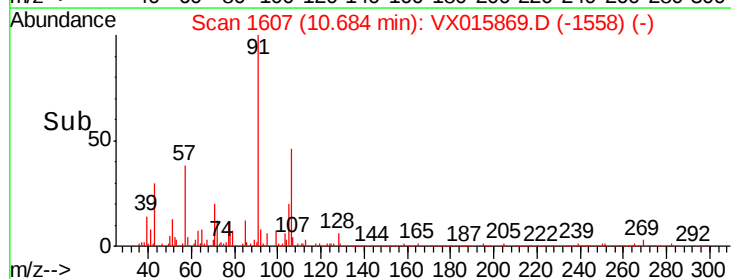
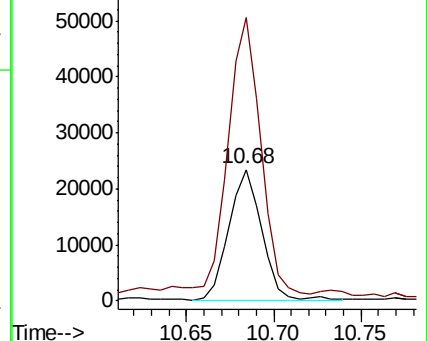
106 100

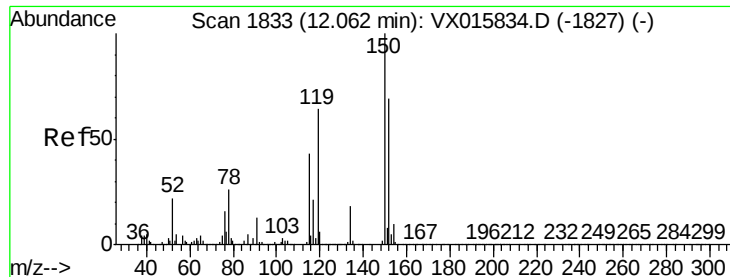
91 207.4 107.1 321.3



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: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

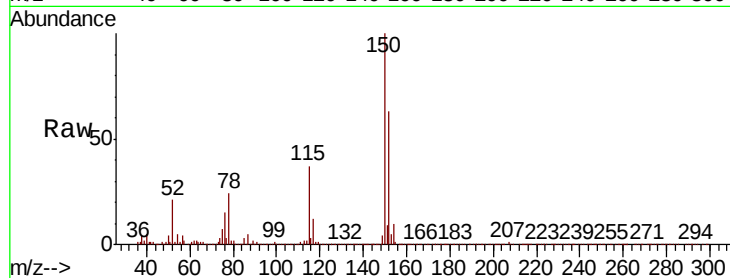
Tot Ion:152 Resp: 761095

Ion Ratio Lower Upper

152 100

115 57.1 39.0 116.9

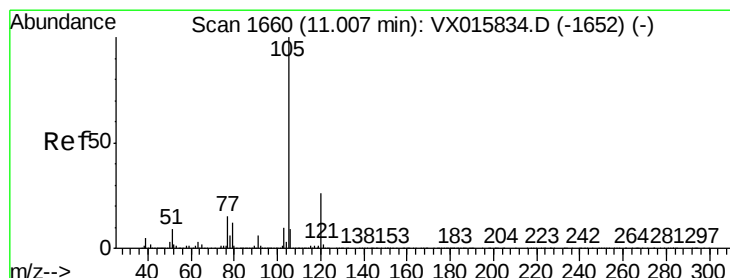
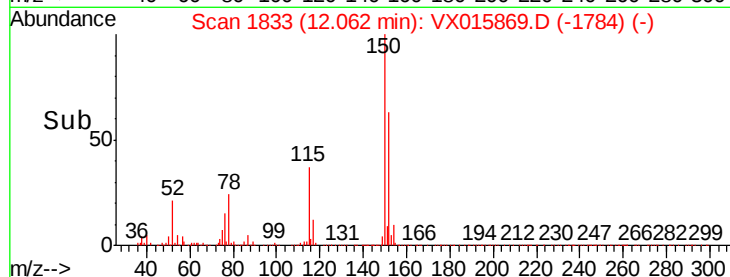
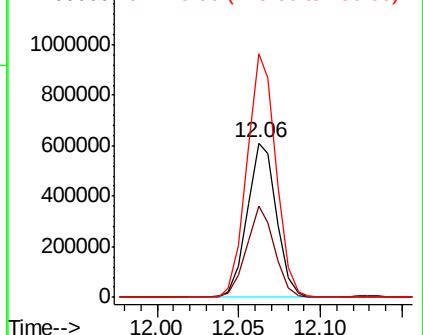
150 156.8 0.0 336.8



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: 275.044 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015869.D

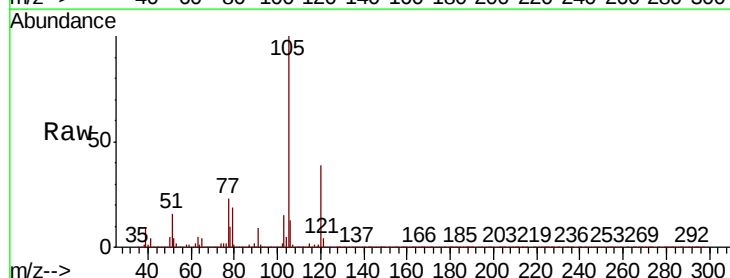
Acq: 23 Apr 2020 03:12

Tgt Ion:105 Resp:13294811

Ion Ratio Lower Upper

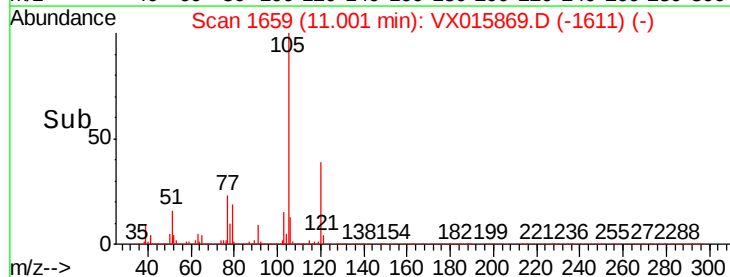
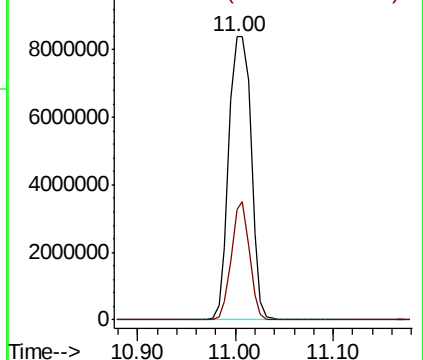
105 100

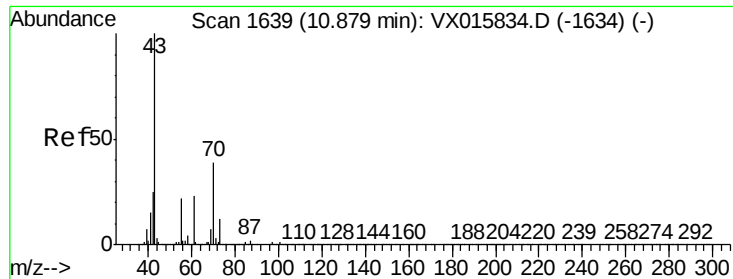
120 33.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.435 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

Tot Ion: 43 Resp: 10857

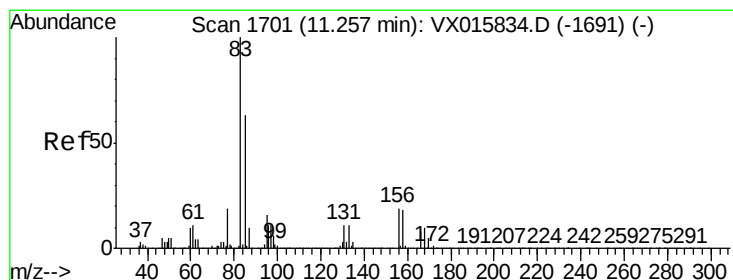
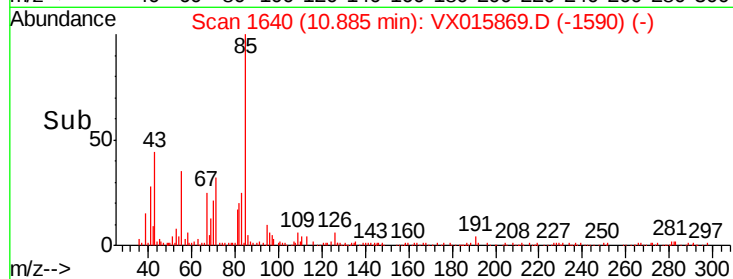
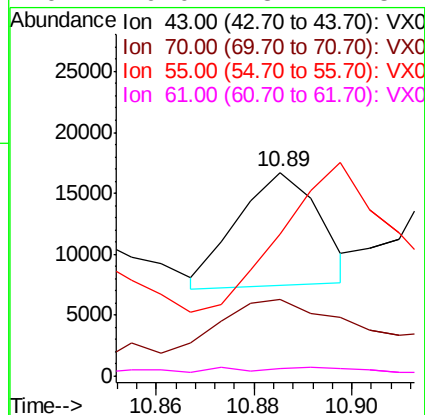
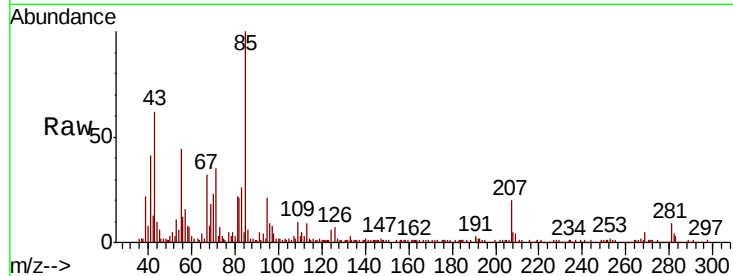
Ion Ratio Lower Upper

43 100

70 121.0 32.6 49.0#

55 293.2 18.3 27.5#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.214 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

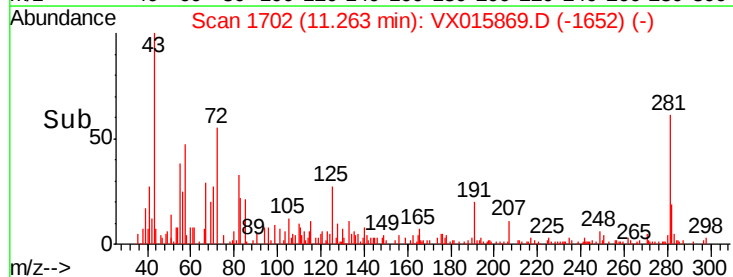
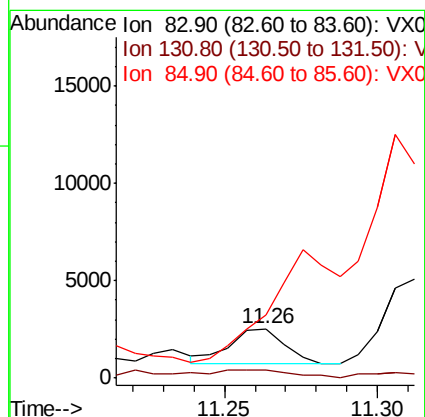
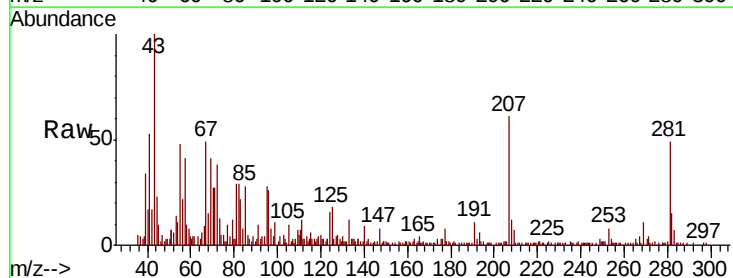
Tgt Ion: 83 Resp: 2186

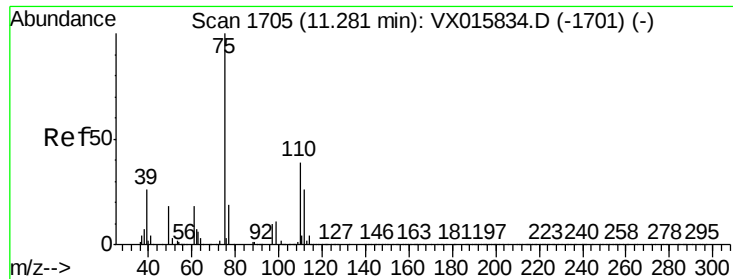
Ion Ratio Lower Upper

83 100

131 40.0 5.5 16.4#

85 426.5 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 8.834 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.07 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

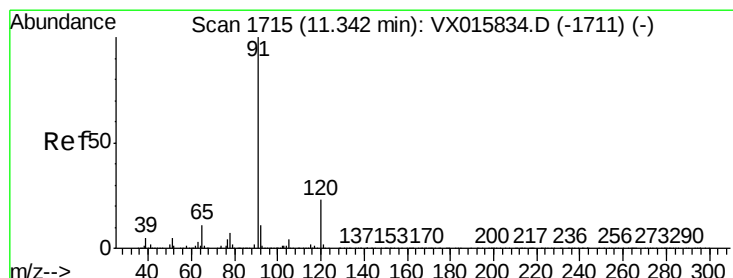
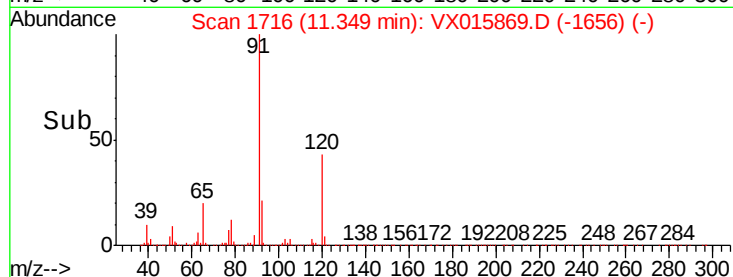
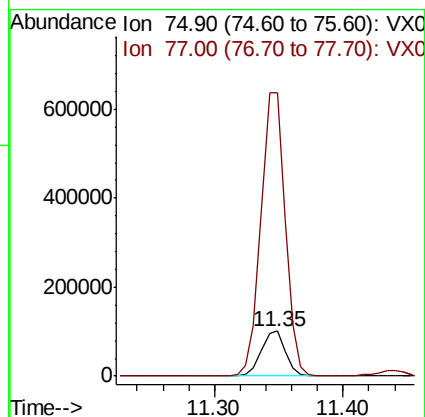
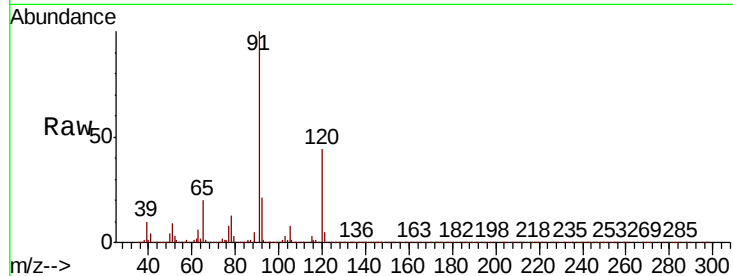
KY001MW019-200421

Tot Ion: 75 Resp: 127855

Ion Ratio Lower Upper

75 100

77 647.0 21.3 63.9#



#78

n-propylbenzene

Concen: 263.861 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015869.D

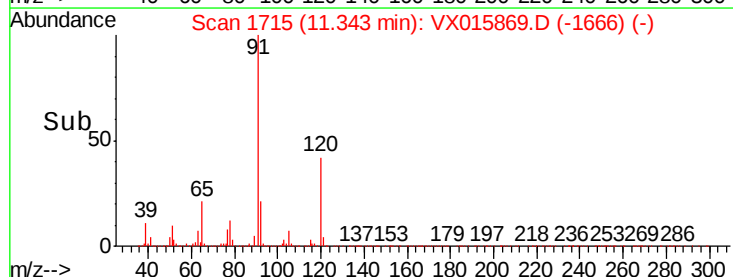
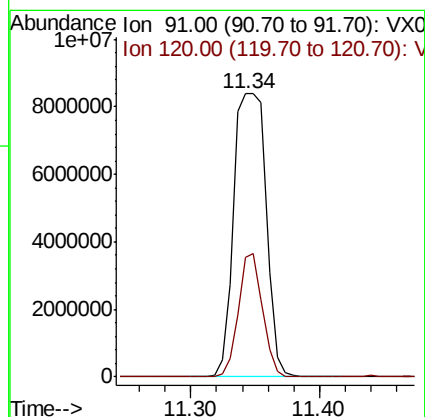
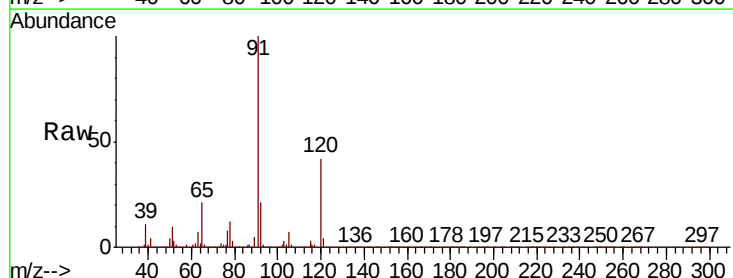
Acq: 23 Apr 2020 03:12

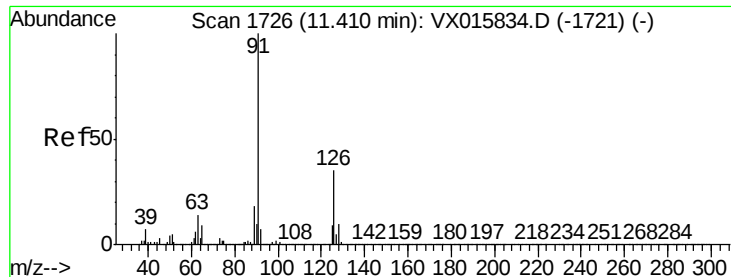
Tgt Ion: 91 Resp: 14610629

Ion Ratio Lower Upper

91 100

120 32.6 11.7 35.1

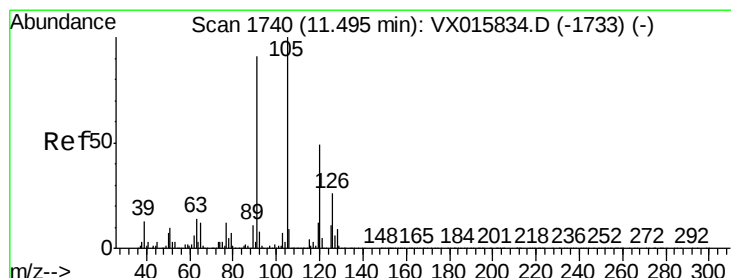
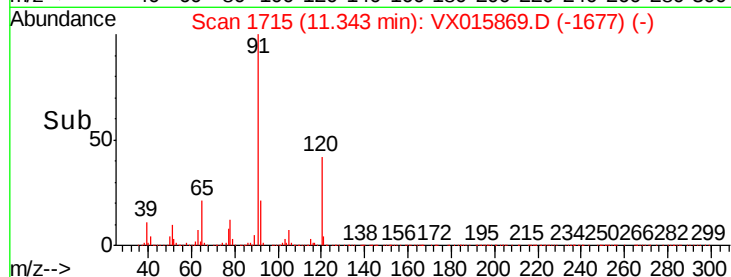
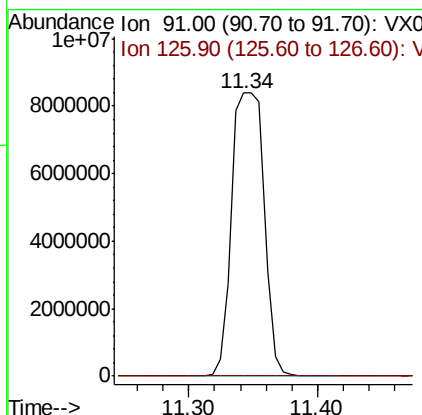
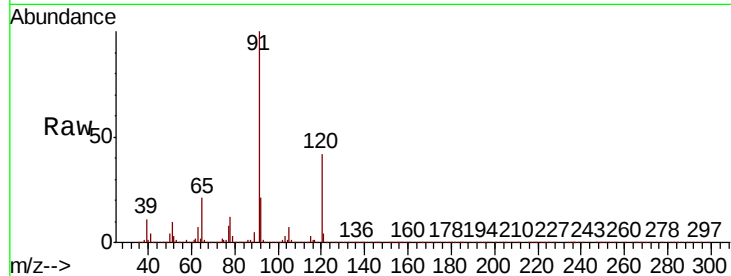




#79
 2-Chlorotoluene
 Concen: 439.268 ug/l
 RT: 11.34 min Scan# 1715
 Delta R.T. -0.07 min
 Lab File: VX015869.D
 Acq: 23 Apr 2020 03:12

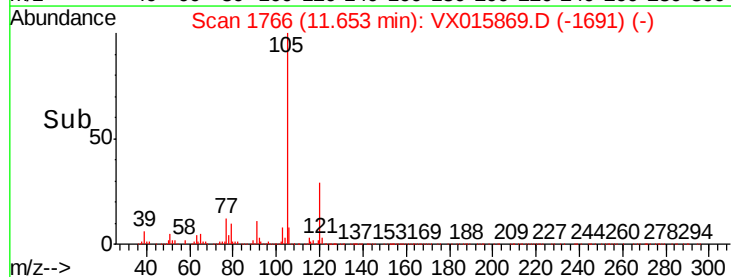
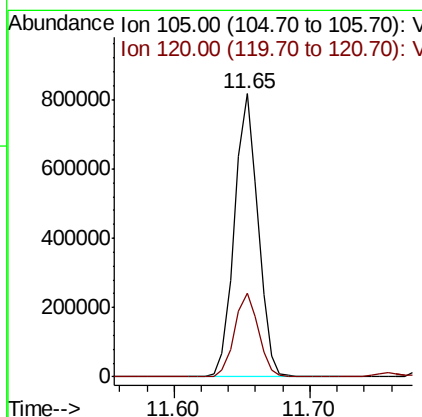
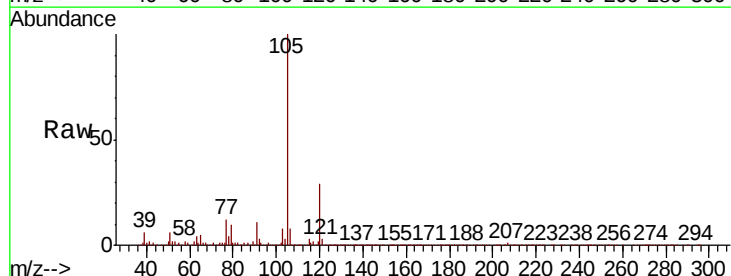
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW019-200421

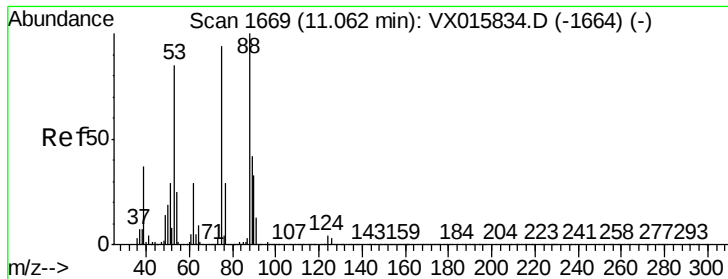
Tot Ion: 91 Resp: 14610629
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.2 51.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 23.812 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. 0.16 min
 Lab File: VX015869.D
 Acq: 23 Apr 2020 03:12

Tgt Ion: 105 Resp: 981430
 Ion Ratio Lower Upper
 105 100
 120 29.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 31.679 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.06 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

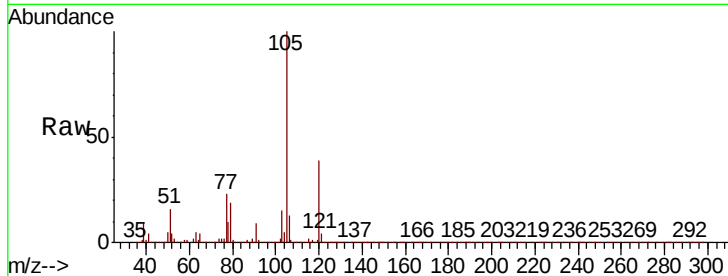
Tot Ion: 75 Resp: 190595

Ion Ratio Lower Upper

75 100

53 109.5 74.2 111.2

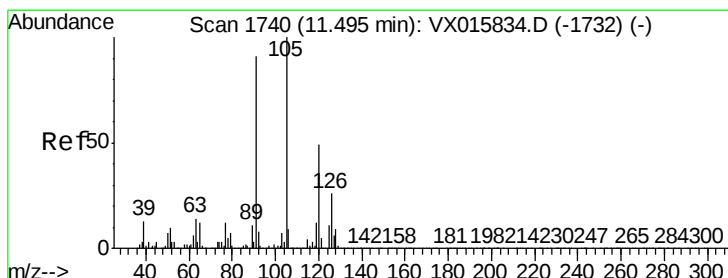
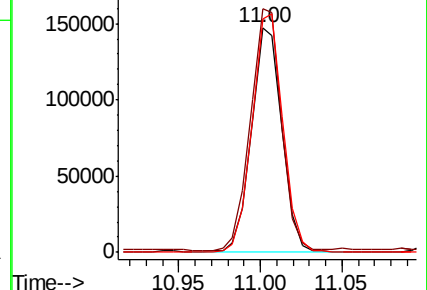
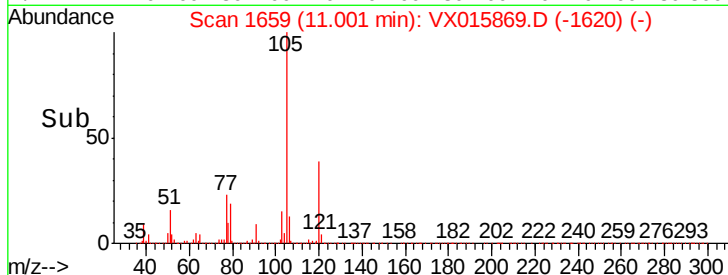
89 107.3 38.0 57.0#



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: 369.660 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.15 min

Lab File: VX015869.D

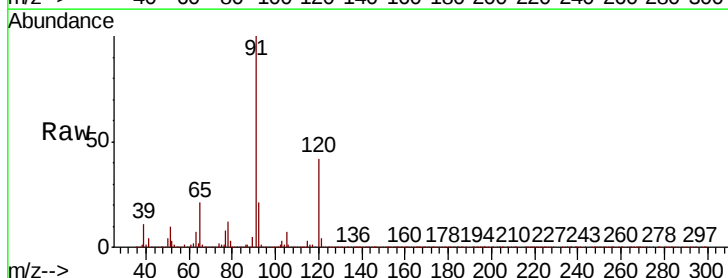
Acq: 23 Apr 2020 03:12

Tgt Ion: 91 Resp: 14610629

Ion Ratio Lower Upper

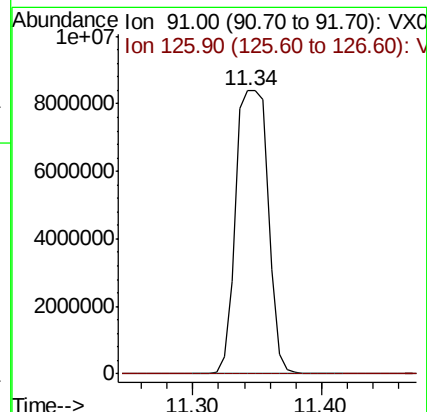
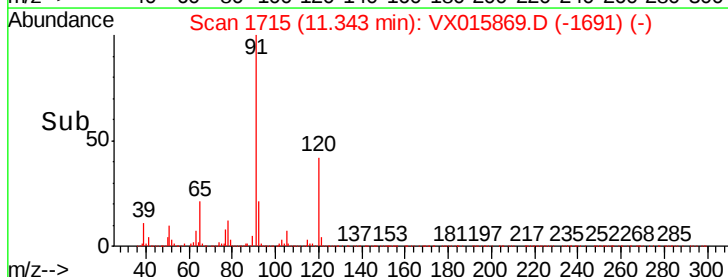
91 100

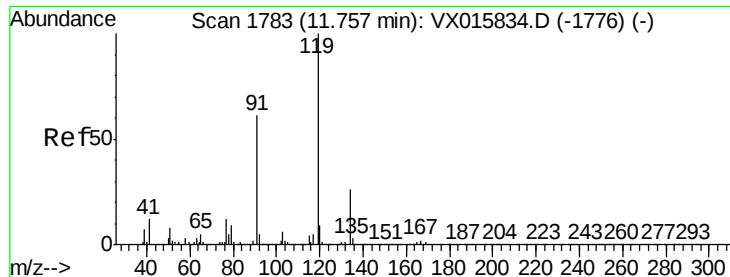
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

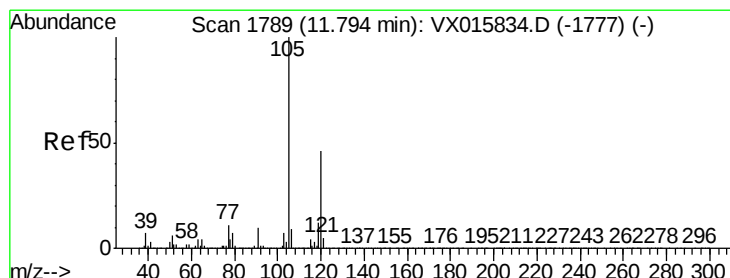
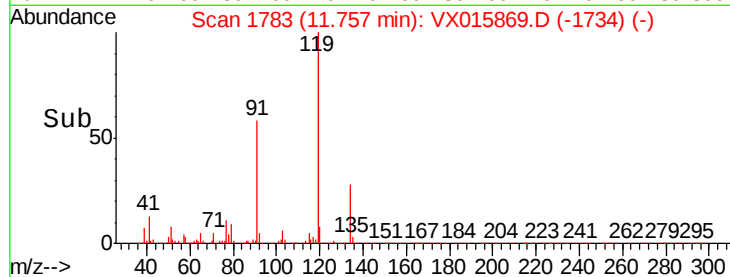
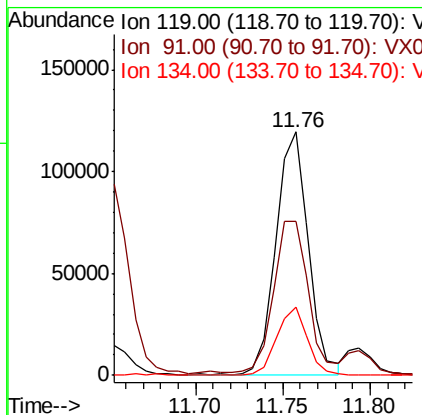
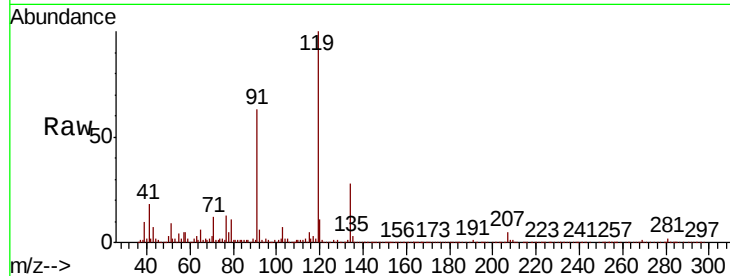




#83
tert-Butylbenzene
Concen: 4.223 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

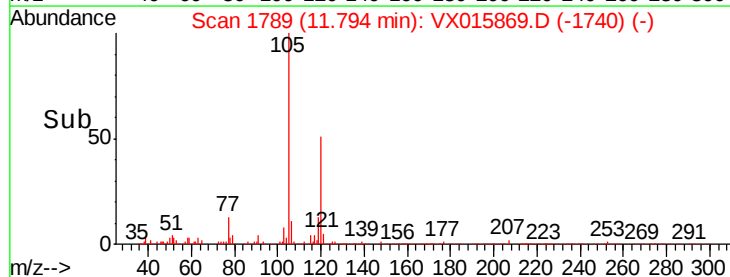
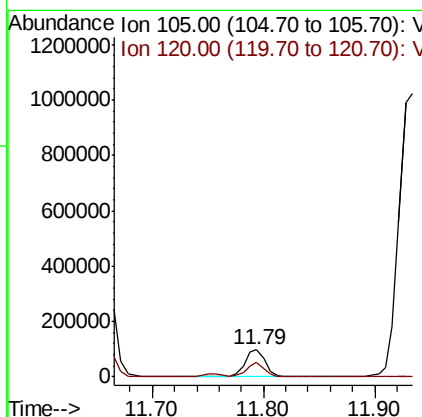
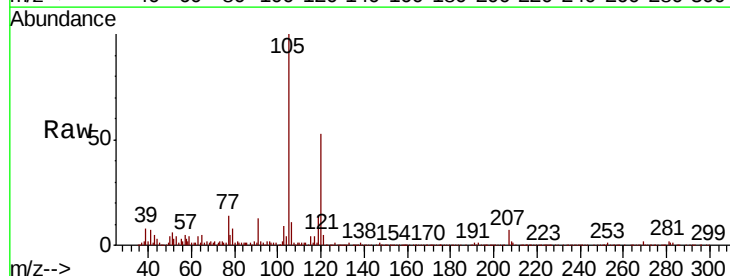
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

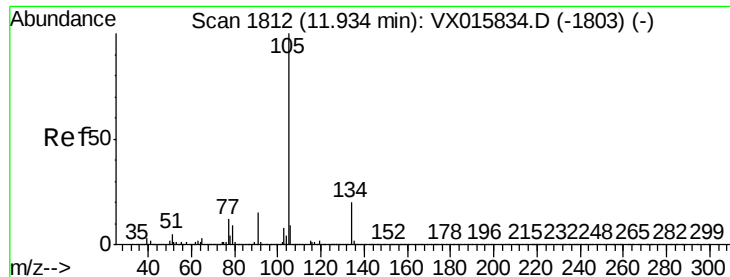
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	30.9	92.7
134	26.0	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 2.903 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.7





#85

sec-Butylbenzene

Concen: 27.351 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

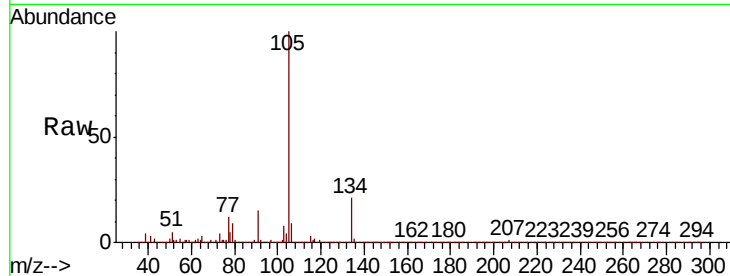
KY001MW019-200421

Tot Ion:105 Resp: 1318179

Ion Ratio Lower Upper

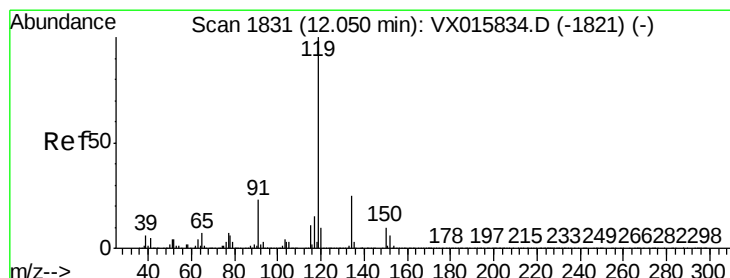
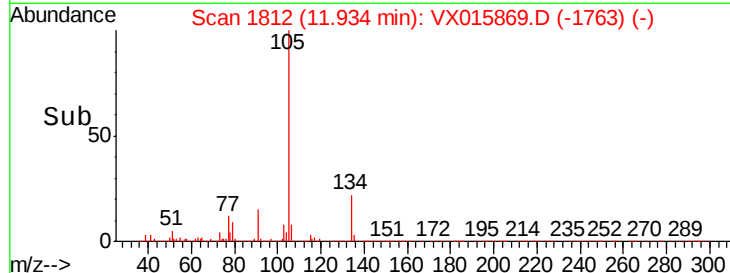
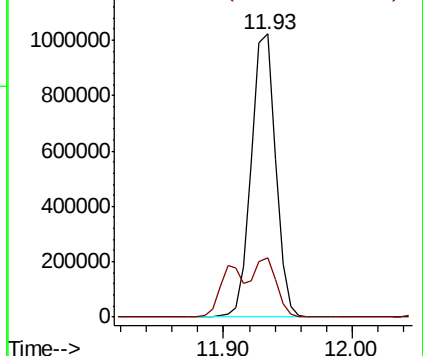
105 100

134 20.5 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: 18.026 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

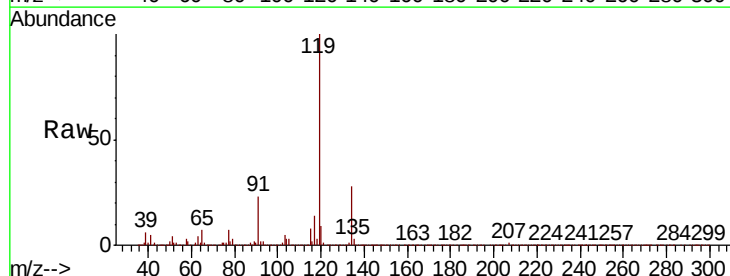
Tgt Ion:119 Resp: 812368

Ion Ratio Lower Upper

119 100

134 27.1 13.0 38.9

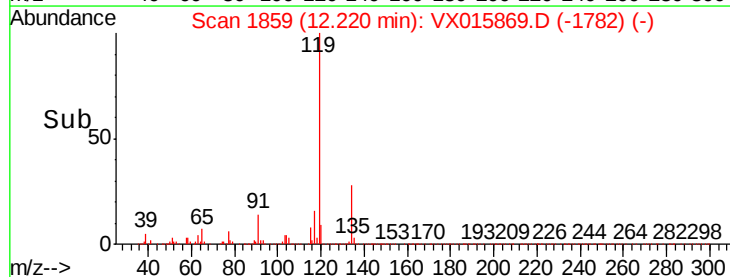
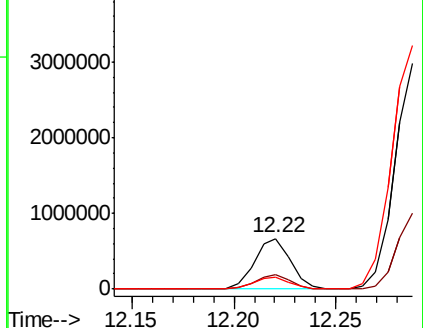
91 23.7 11.5 34.5

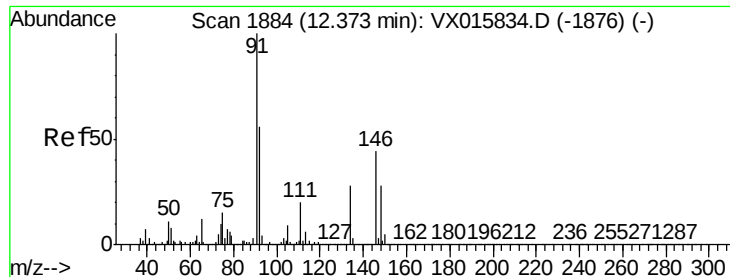


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

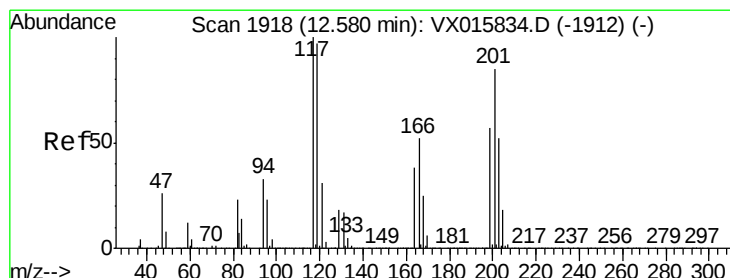
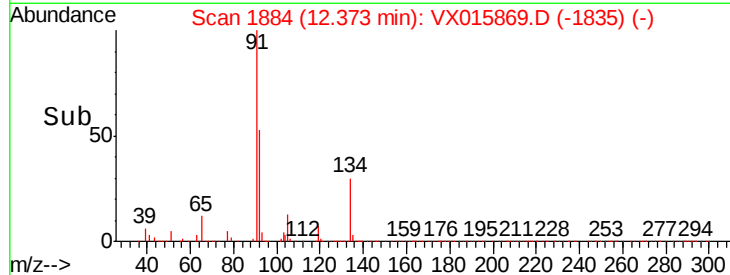
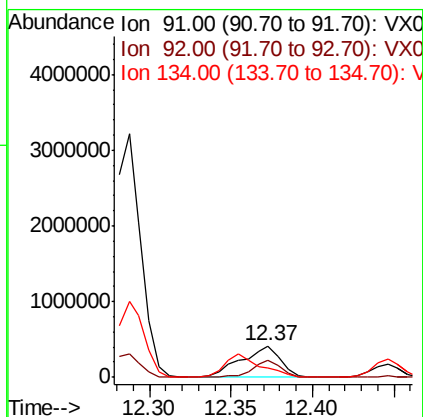
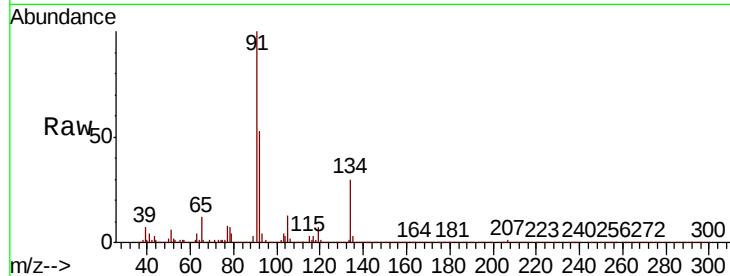




#89
n-Butylbenzene
Concen: 17.027 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

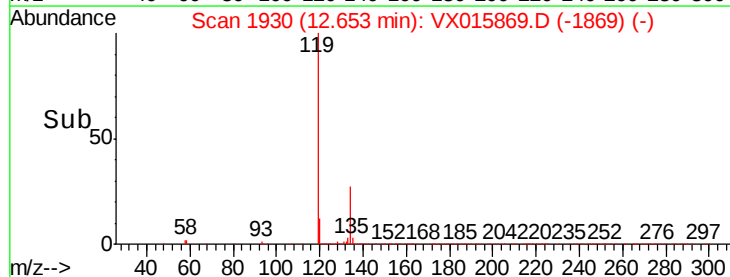
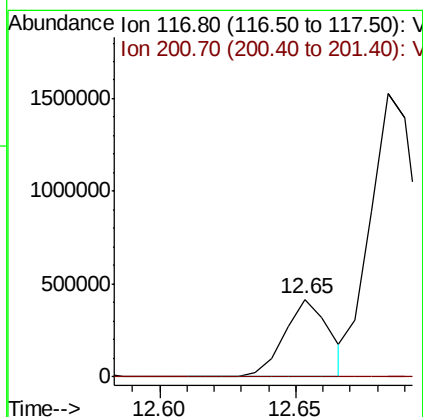
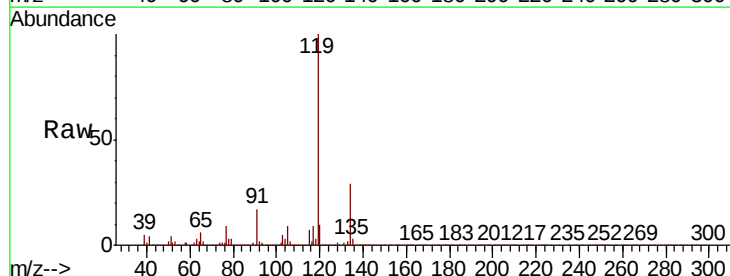
Instrument :
MSVOA_X
ClientSampleId :
KY001MW019-200421

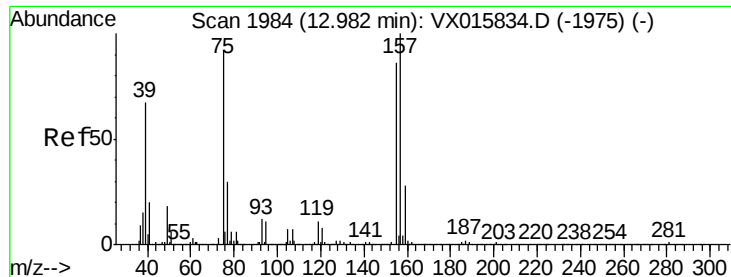
Tot Ion: 91 Resp: 686042
Ion Ratio Lower Upper
91 100
92 39.3 27.7 83.1
134 67.8 14.1 42.4#



#90
Hexachloroethane
Concen: 99.771 ug/l
RT: 12.65 min Scan# 1930
Delta R.T. 0.07 min
Lab File: VX015869.D
Acq: 23 Apr 2020 03:12

Tgt Ion: 117 Resp: 474985
Ion Ratio Lower Upper
117 100
201 0.0 45.6 136.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 13.729 ug/l

RT: 12.96 min Scan# 1981

Delta R.T. -0.02 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

Instrument :

MSVOA_X

ClientSampleId :

KY001MW019-200421

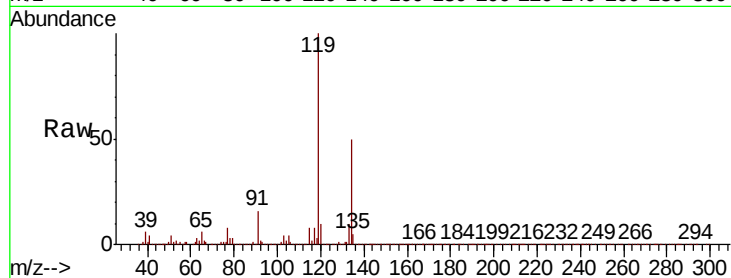
Tot Ion: 75 Resp: 41650

Ion Ratio Lower Upper

75 100

155 0.6 48.1 144.4#

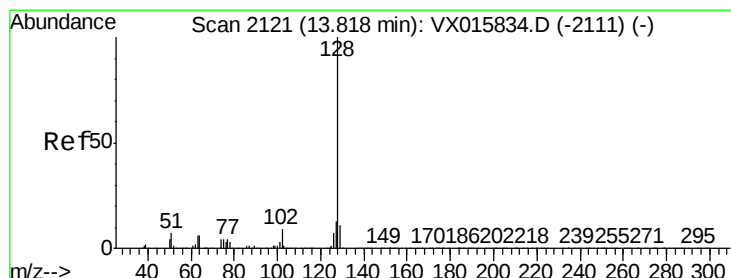
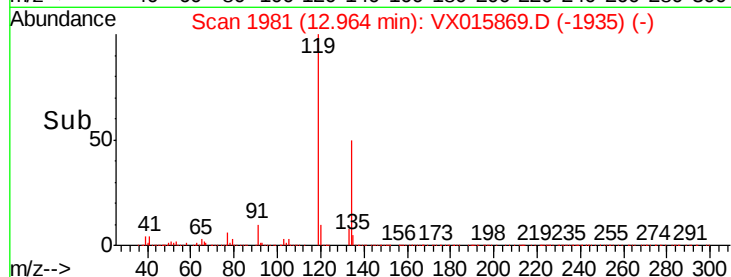
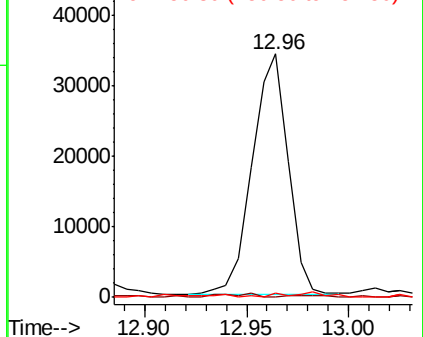
157 2.2 58.9 176.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 5.907 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015869.D

Acq: 23 Apr 2020 03:12

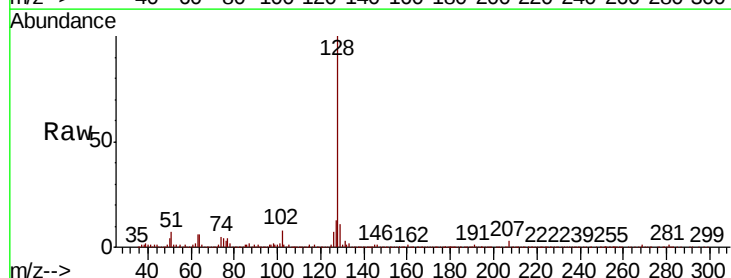
Tgt Ion:128 Resp: 307884

Ion Ratio Lower Upper

128 100

127 14.7 10.5 15.7

129 11.4 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

