

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015892.D
 Acq On : 23 Apr 2020 15:53
 Operator : JC/SP
 Sample : L2380-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

Quant Time: Apr 24 03:31:26 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	829386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1284269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1272668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	725333	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	476462	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
35) Dibromofluoromethane	5.47	113	381620	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	8.70	98	1552116	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	11.12	95	690577	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	2467	0.339	ug/l	95
11) Tert butyl alcohol	3.01	59	114911	59.621	ug/l	100
13) Acrolein	2.29	56	675	0.592	ug/l #	79
15) Acrylonitrile	3.15	53	9063	2.026	ug/l #	31
16) Acetone	2.42	43	19250	4.687	ug/l	94
17) Carbon Disulfide	2.55	76	13595	0.515	ug/l	97
18) Methyl Acetate	2.83	43	127599	9.410	ug/l #	54
19) Methyl tert-butyl Ether	3.17	73	323947	12.632	ug/l #	32
27) cis-1,2-Dichloroethene	4.57	96	1935	0.211	ug/l	39
29) Tetrahydrofuran	5.11	42	1793	0.418	ug/l #	53
30) Chloroform	5.24	83	14623	1.002	ug/l #	53
31) Cyclohexane	5.56	56	120410	8.737	ug/l #	90
36) 1,1-Dichloropropene	5.64	75	56018	4.920	ug/l #	52
38) Carbon Tetrachloride	5.64	117	74747	6.665	ug/l #	17
39) Methylcyclohexane	7.44	83	204196	14.163	ug/l	88
40) Benzene	6.12	78	127594	3.721	ug/l	96
42) 1,2-Dichloroethane	6.17	62	3720	0.301	ug/l #	1
43) Isopropyl Acetate	6.43	43	13880	0.607	ug/l #	66
47) Bromodichloromethane	7.83	83	6905	0.592	ug/l #	77
48) Methyl methacrylate	7.72	41	35072	3.119	ug/l #	56
49) 1,4-Dioxane	7.73	88	637	2.998	ug/l #	21
51) 4-Methyl-2-Pentanone	8.66	43	16633	1.261	ug/l #	37
52) Toluene	8.77	92	10955	0.498	ug/l	86
55) 1,1,2-Trichloroethane	9.25	97	3720	0.433	ug/l #	25
56) Ethyl methacrylate	9.15	69	19055	1.311	ug/l #	1
59) 2-Hexanone	9.48	43	3678	0.366	ug/l	74
67) Ethyl Benzene	10.24	91	63489	1.421	ug/l	95
68) m/p-Xylenes	10.34	106	11372	0.678	ug/l	81
69) o-Xylene	10.68	106	13444	0.814	ug/l	92
73) Isopropylbenzene	11.00	105	2205706	47.882	ug/l	99
74) N-amyl acetate	10.89	43	6723	0.283	ug/l #	1
76) 1,2,3-Trichloropropane	11.34	75	29142	2.113	ug/l #	1
78) n-propylbenzene	11.34	91	4400846	83.396	ug/l	100
79) 2-Chlorotoluene	11.34	91	4400846	138.835	ug/l #	40

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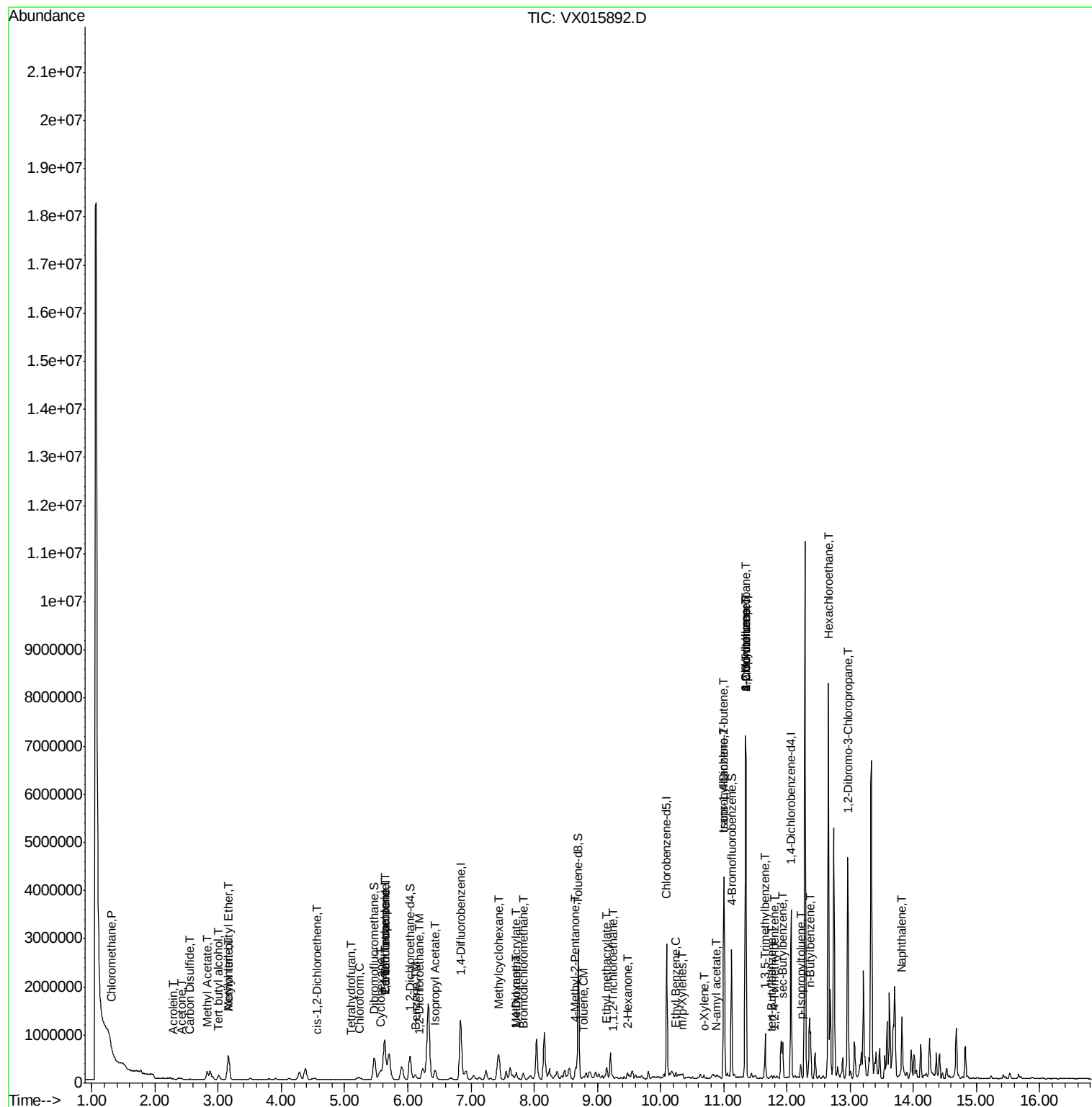
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.65	105	443249	11.284	ug/l	70
81) trans-1,4-Dichloro-2-buten	11.00	75	25196	4.394	ug/l #	61
82) 4-Chlorotoluene	11.34	91	4400846	116.835	ug/l #	45
83) tert-Butylbenzene	11.75	119	20801	0.597	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	26838	0.658	ug/l	96
85) sec-Butylbenzene	11.93	105	373665	8.135	ug/l	93
86) p-Isopropyltoluene	12.22	119	132884	3.094	ug/l	98
89) n-Butylbenzene	12.37	91	475290	12.378	ug/l #	75
90) Hexachloroethane	12.65	117	302866	66.754	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	12.96	75	14576	5.042	ug/l #	1
95) Naphthalene	13.82	128	746099	15.019	ug/l #	97

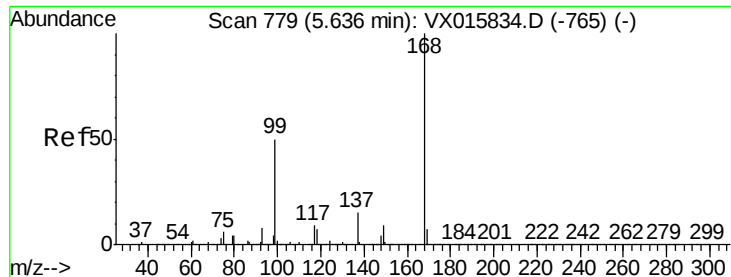
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

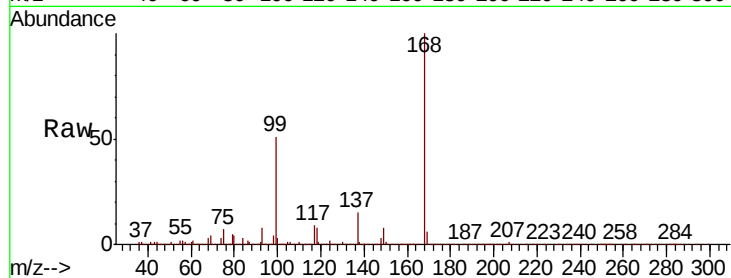
KY001MW078-200421-FD

Tot Ion:168 Resp: 829386

Ion Ratio Lower Upper

168 100

99 51.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

300000

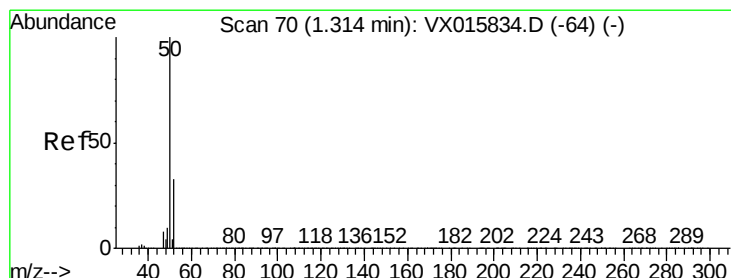
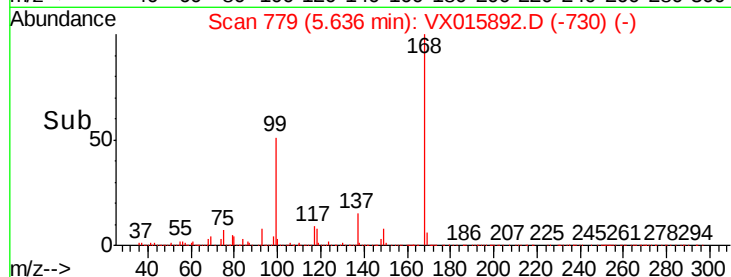
200000

100000

0

5.50 5.60 5.70

Time-->



#3

Chloromethane

Concen: 0.339 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015892.D

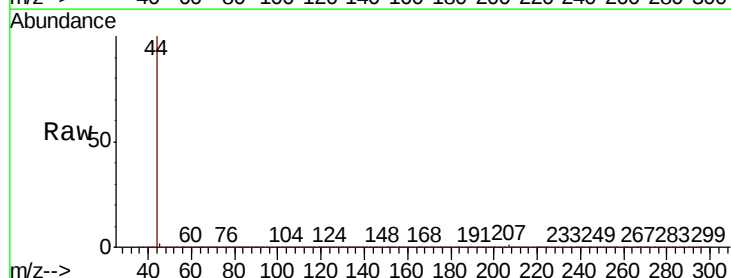
Acq: 23 Apr 2020 15:53

Tgt Ion: 50 Resp: 2467

Ion Ratio Lower Upper

50 100

52 29.9 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

2500

2000

1500

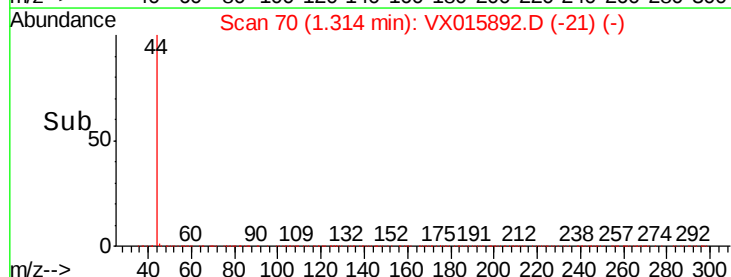
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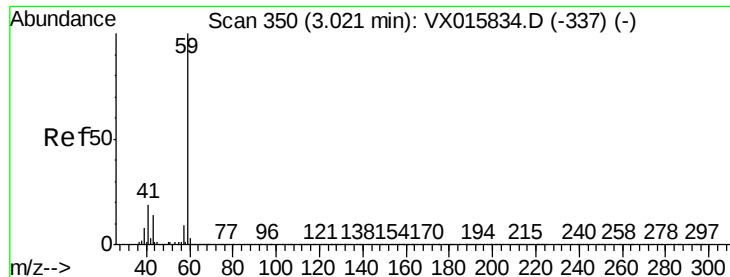
500

0

1.30 1.35

Time-->

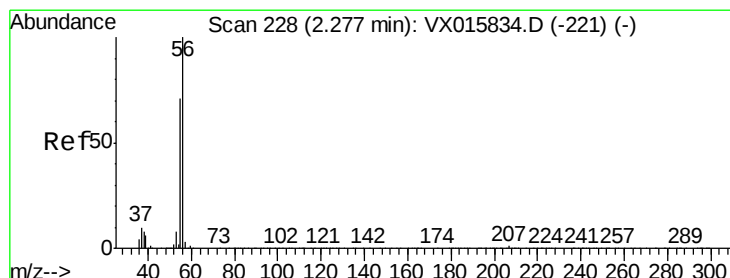
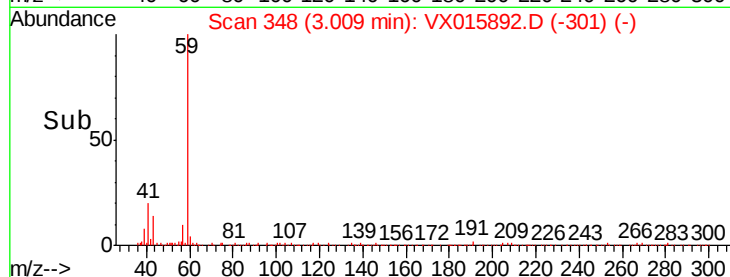
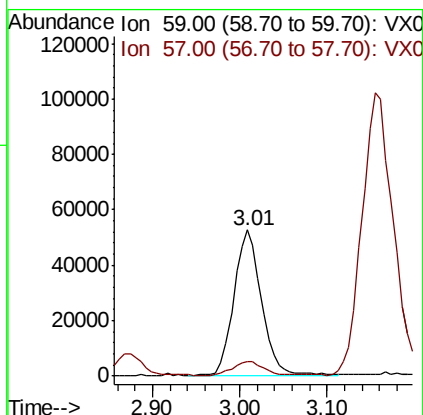
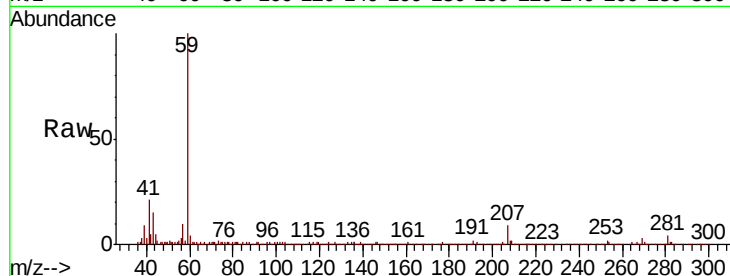




#11
Tert butyl alcohol
Concen: 59.621 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

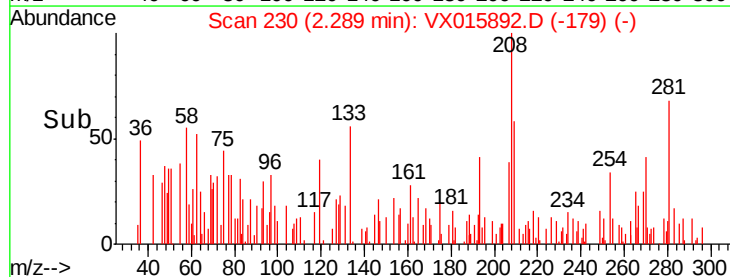
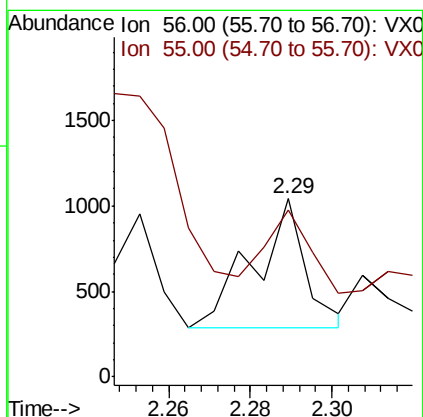
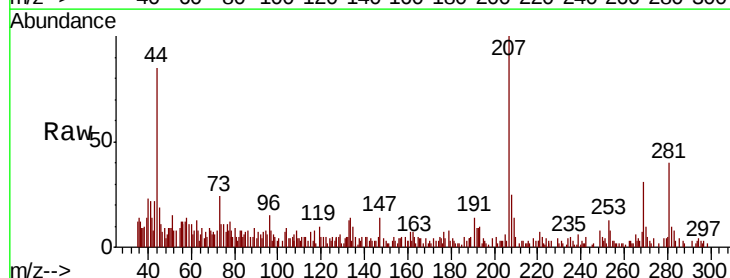
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

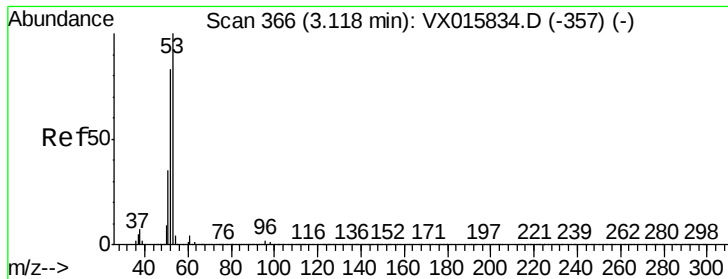
Tot Ion: 59 Resp: 114911
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#13
Acrolein
Concen: 0.592 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion: 56 Resp: 675
Ion Ratio Lower Upper
56 100
55 87.0 56.1 84.1#





#15

Acrylonitrile

Concen: 2.026 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.04 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

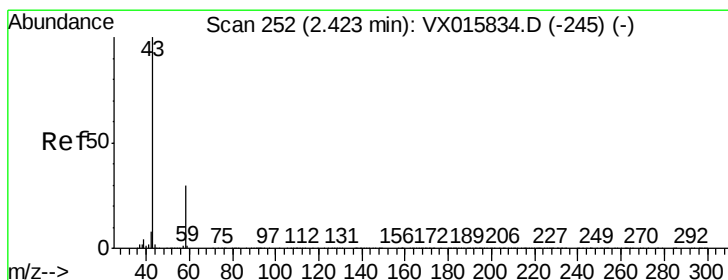
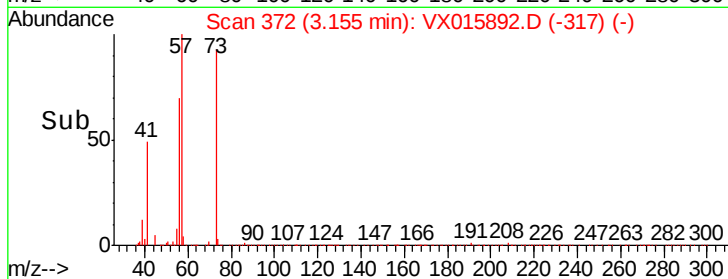
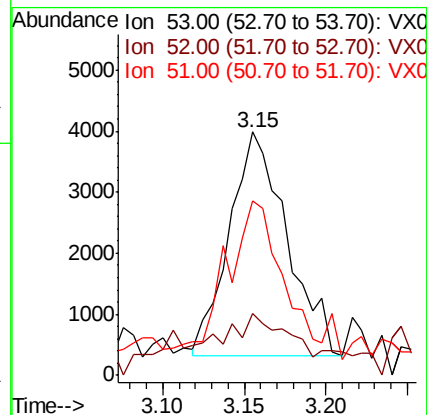
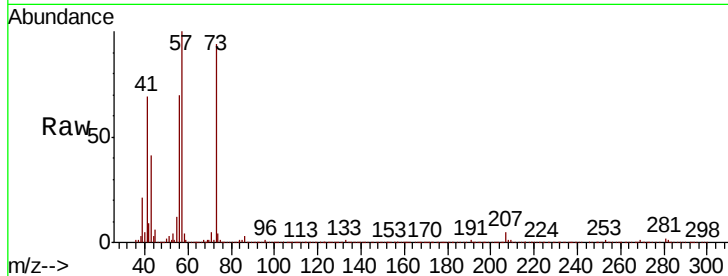
Tot Ion: 53 Resp: 9063

Ion Ratio Lower Upper

53 100

52 13.8 66.2 99.4#

51 65.2 28.6 43.0#



#16

Acetone

Concen: 4.687 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015892.D

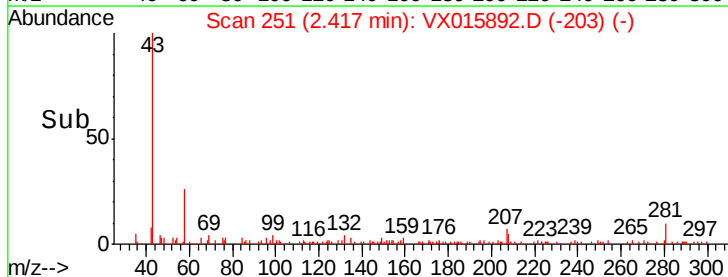
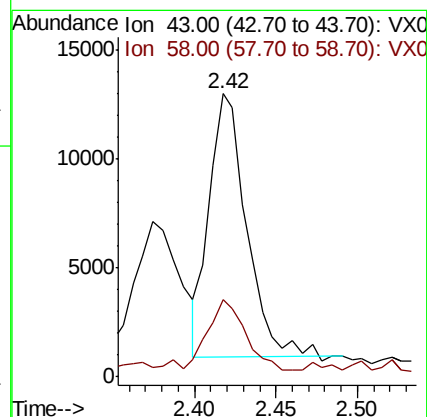
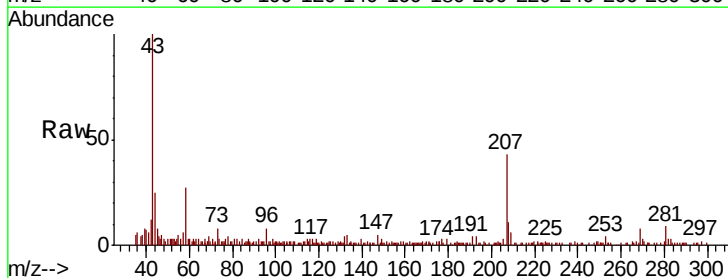
Acq: 23 Apr 2020 15:53

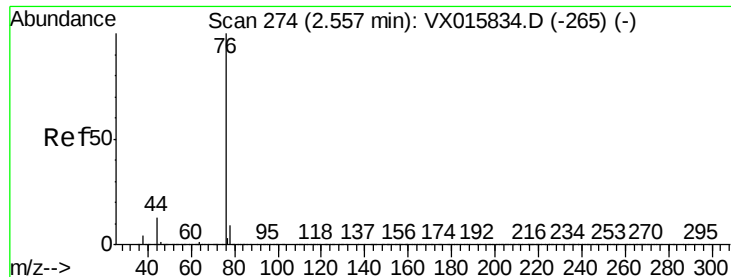
Tgt Ion: 43 Resp: 19250

Ion Ratio Lower Upper

43 100

58 26.6 24.0 36.0





#17

Carbon Disulfide

Concen: 0.515 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

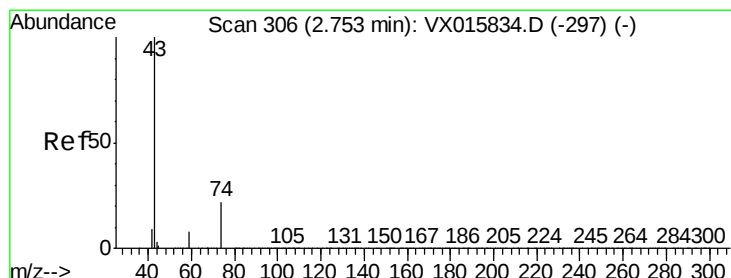
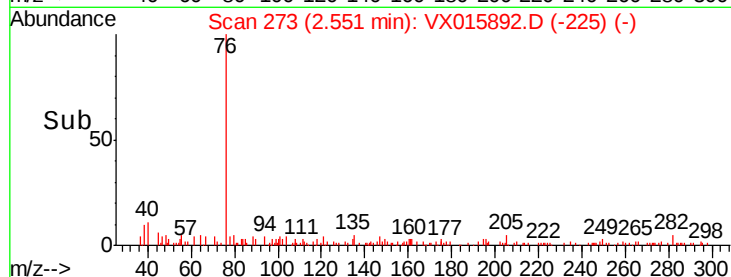
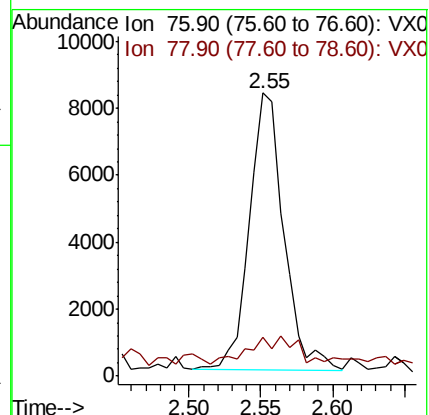
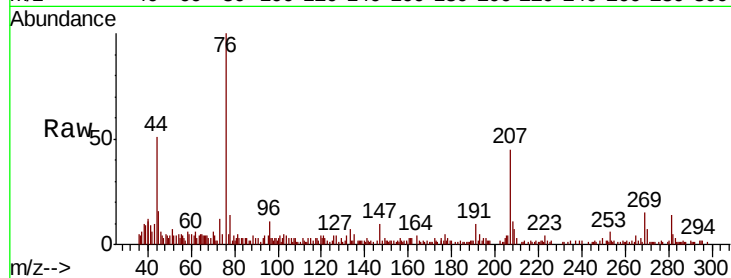
KY001MW078-200421-FD

Tot Ion: 76 Resp: 13595

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2



#18

Methyl Acetate

Concen: 9.410 ug/l

RT: 2.83 min Scan# 318

Delta R.T. 0.07 min

Lab File: VX015892.D

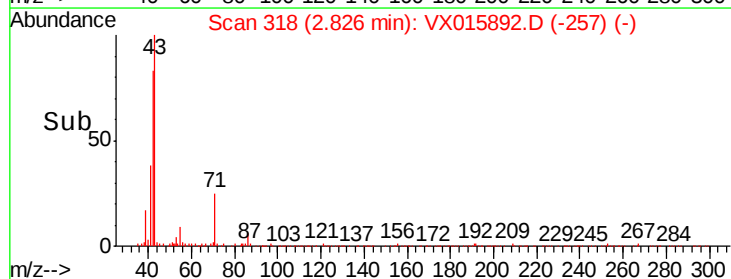
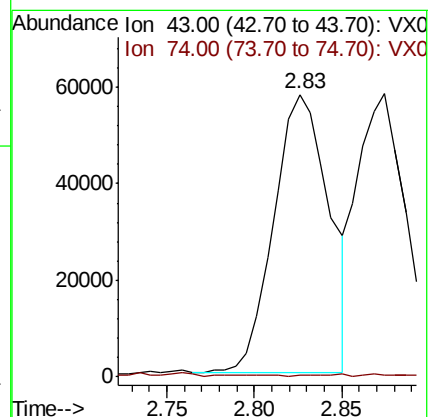
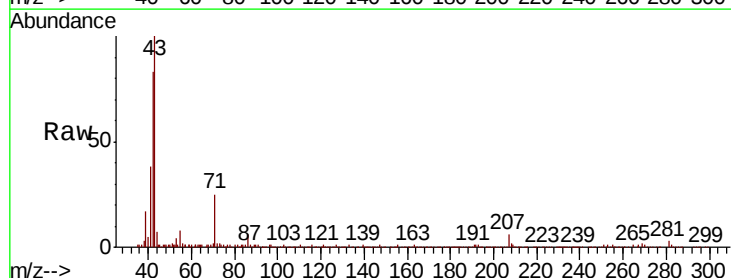
Acq: 23 Apr 2020 15:53

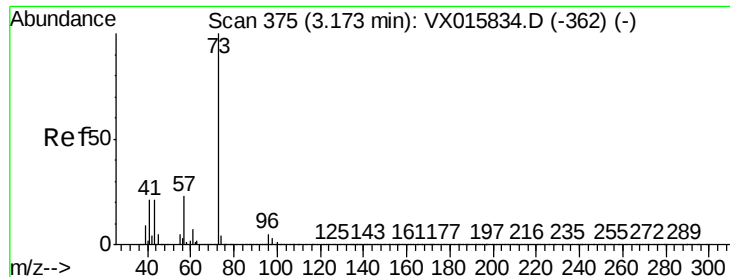
Tgt Ion: 43 Resp: 127599

Ion Ratio Lower Upper

43 100

74 0.3 17.9 26.9#

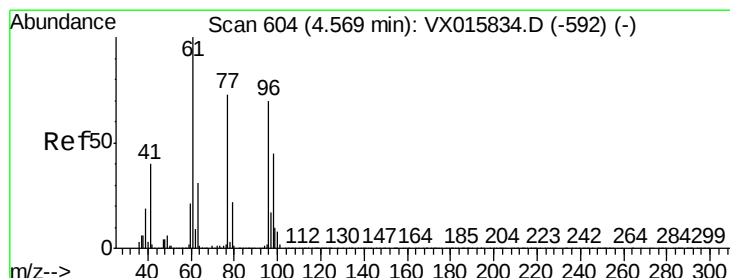
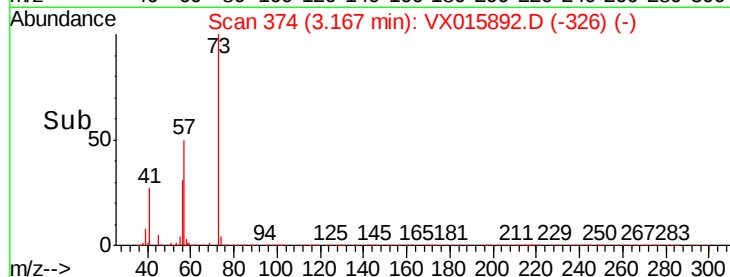
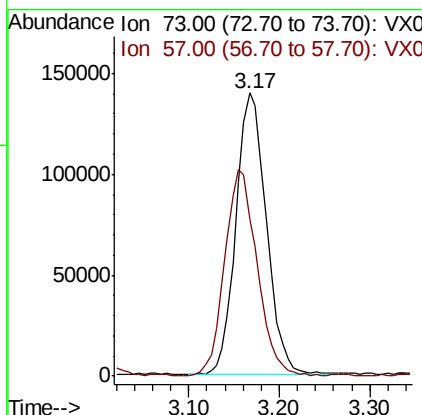
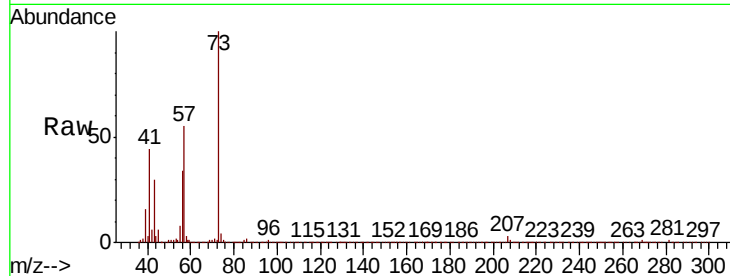




#19
Methvl tert-butvl Ether
Concen: 12.632 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

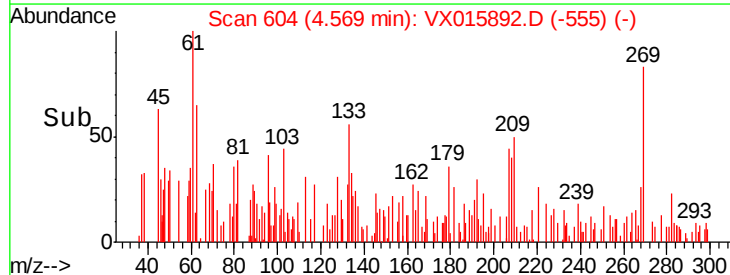
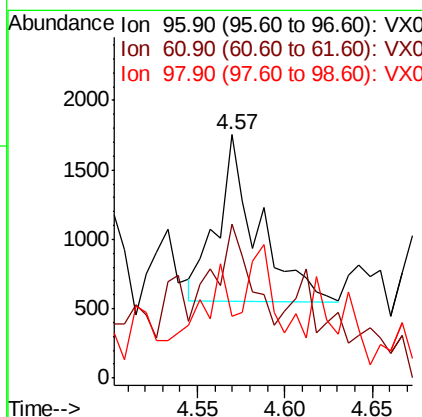
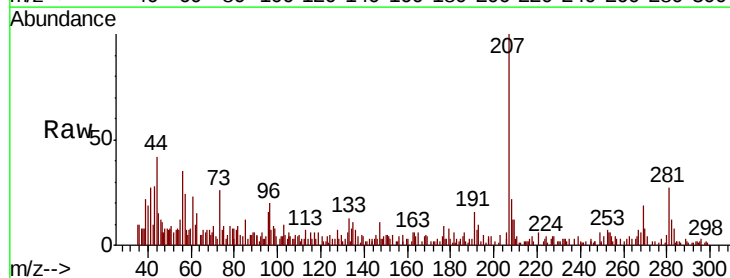
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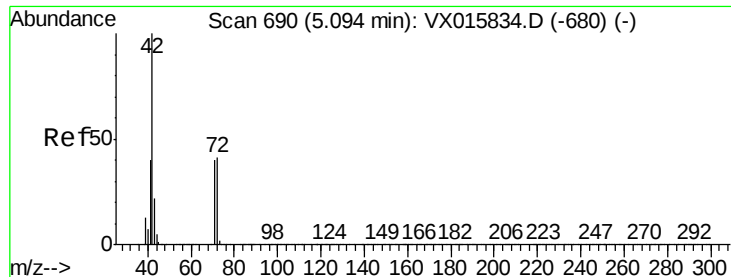
Tot Ion: 73 Resp: 323947
Ion Ratio Lower Upper
73 100
57 55.5 18.1 27.1#



#27
cis-1,2-Dichloroethene
Concen: 0.211 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion: 96 Resp: 1935
Ion Ratio Lower Upper
96 100
61 62.8 0.0 299.4
98 30.5 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.418 ug/l

RT: 5.11 min Scan# 692

Delta R.T. 0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

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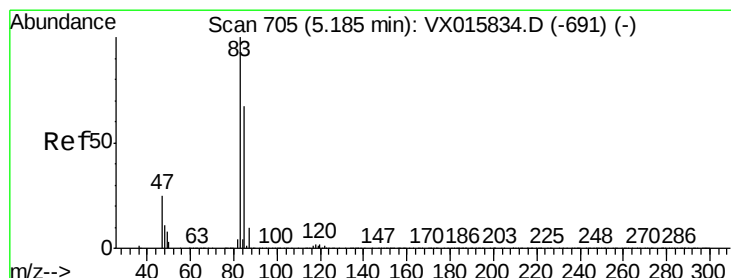
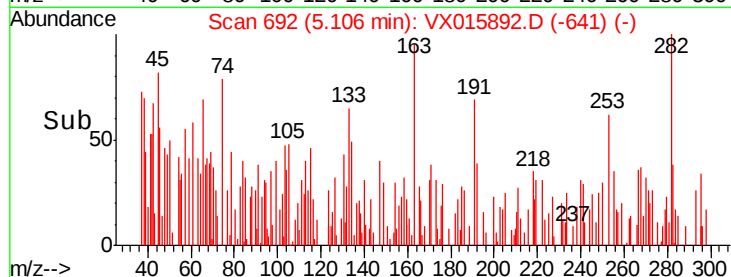
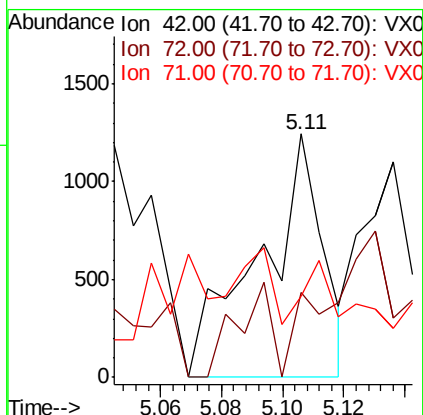
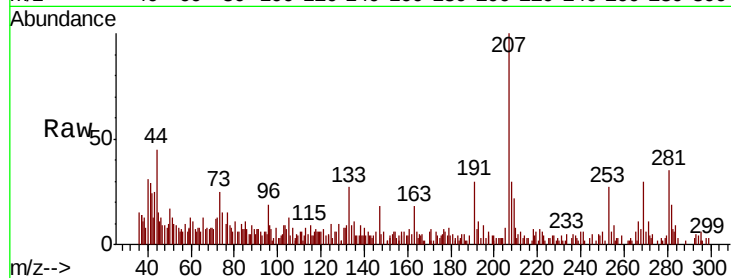
Tot Ion: 42 Resp: 1793

Ion Ratio Lower Upper

42 100

72 21.0 33.0 49.6#

71 0.0 30.6 45.8#



#30

Chloroform

Concen: 1.002 ug/l

RT: 5.24 min Scan# 714

Delta R.T. 0.05 min

Lab File: VX015892.D

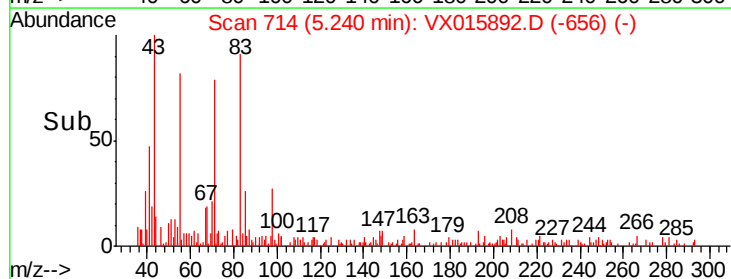
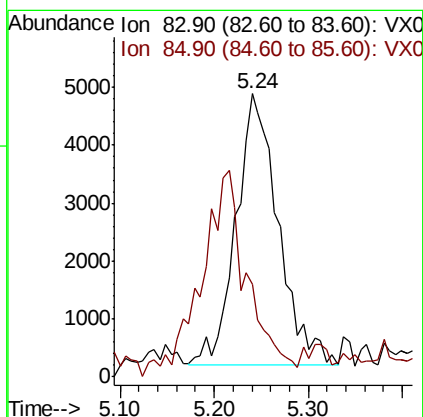
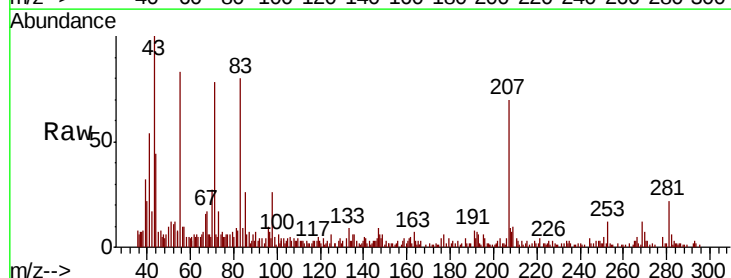
Acq: 23 Apr 2020 15:53

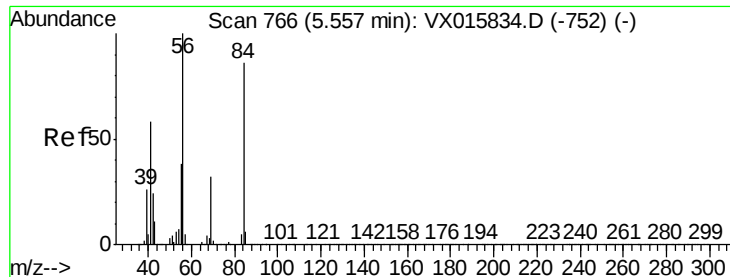
Tgt Ion: 83 Resp: 14623

Ion Ratio Lower Upper

83 100

85 28.8 53.4 80.0#

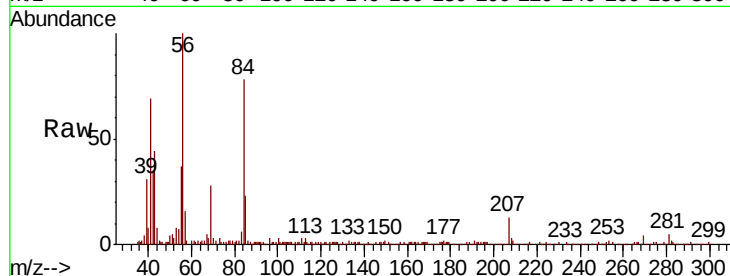




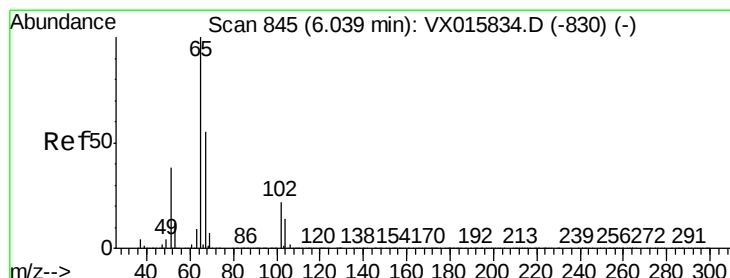
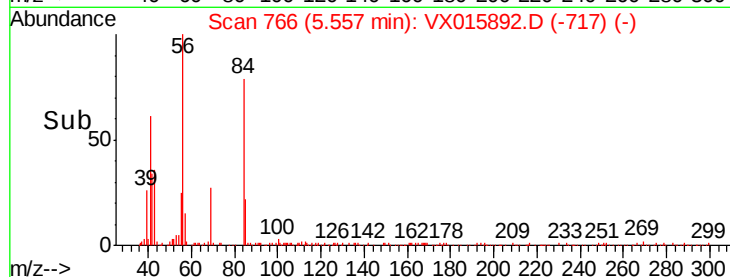
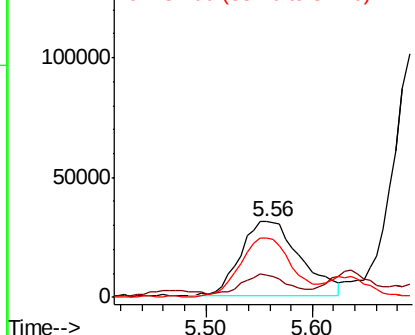
#31
Cyclohexane
Concen: 8.737 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion: 56 Resp: 120410
Ion Ratio Lower Upper
56 100
69 21.3 25.3 37.9#
84 79.9 69.1 103.7

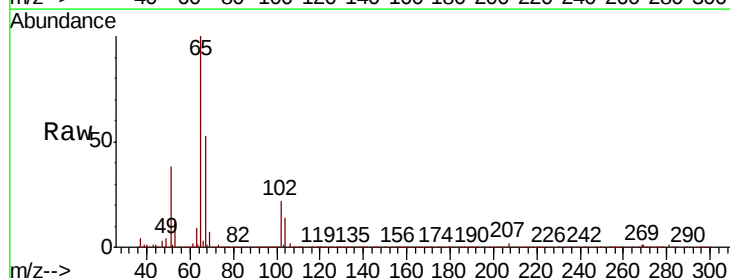


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

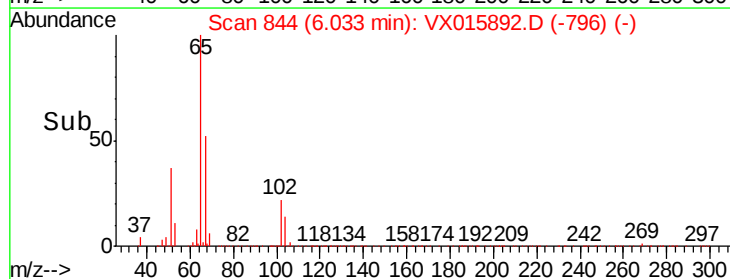
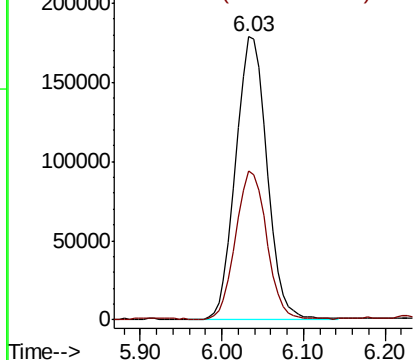


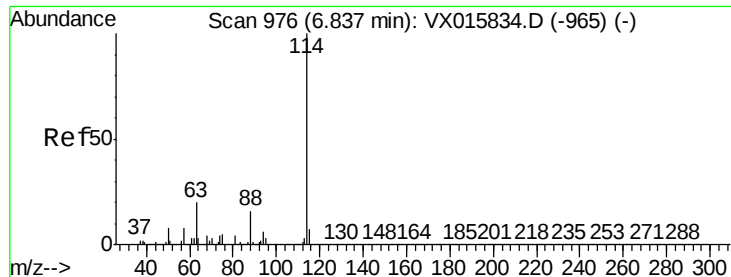
#33
1,2-Dichloroethane-d4
Concen: 50.510 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.01 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion: 65 Resp: 476462
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

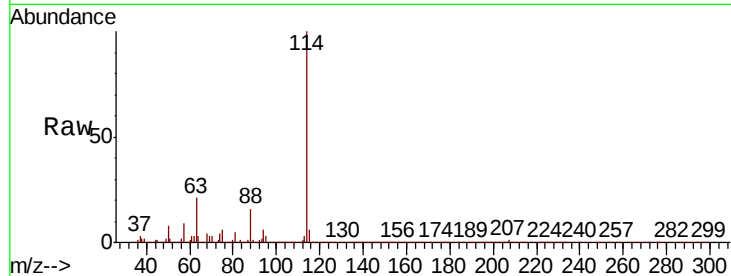
Tot Ion:114 Resp: 1284269

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

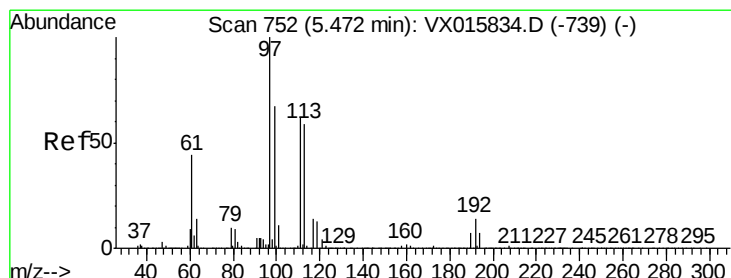
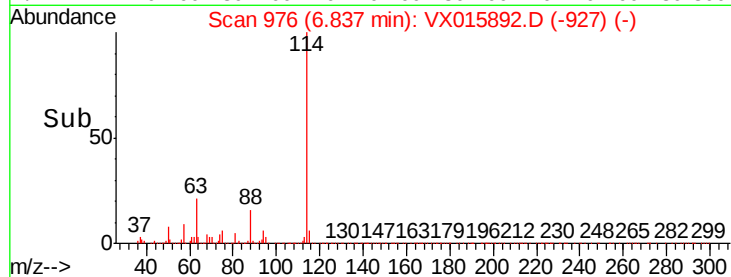
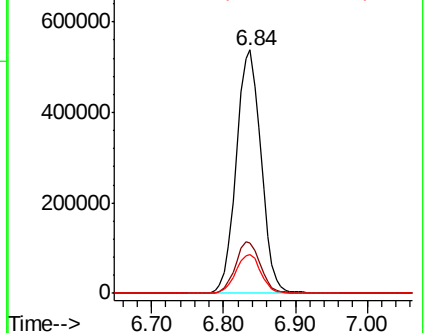
88 16.1 0.0 32.8



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: 51.479 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

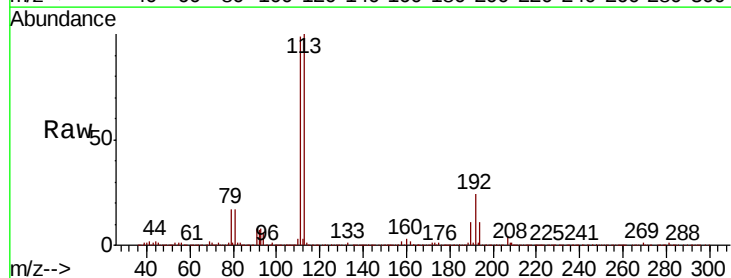
Tgt Ion:113 Resp: 381620

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

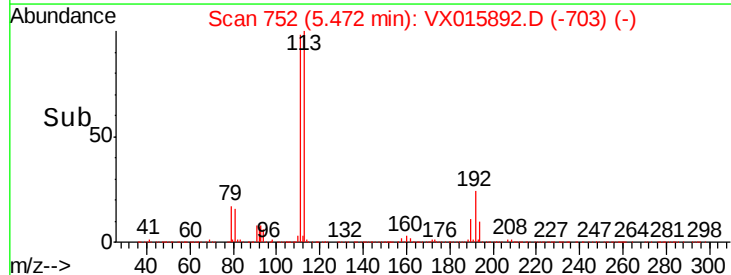
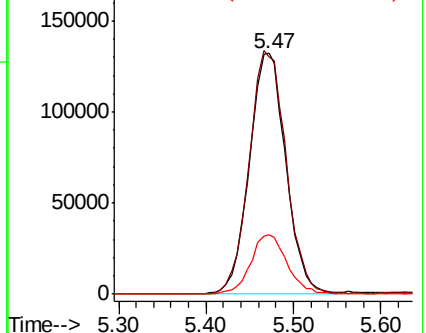
192 24.3 19.3 28.9

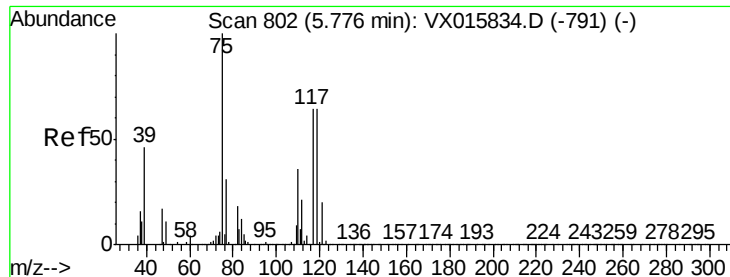


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

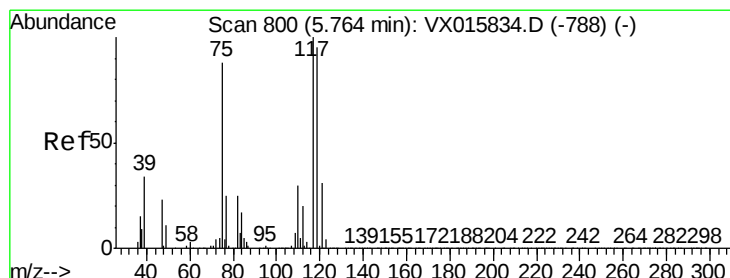
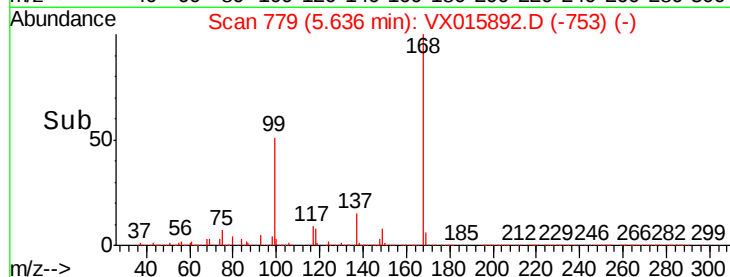
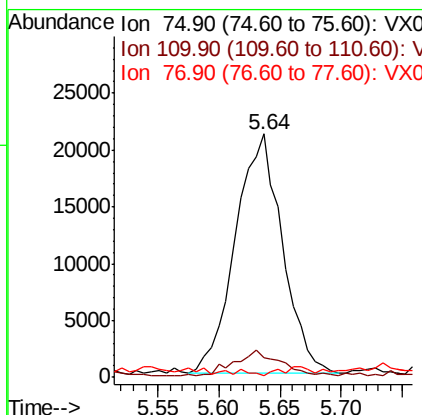
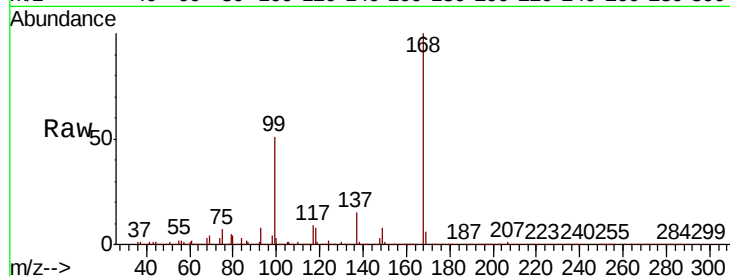




#36
 1,1-Dichloropropene
 Concen: 4.920 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.14 min
 Lab File: VX015892.D
 Acq: 23 Apr 2020 15:53

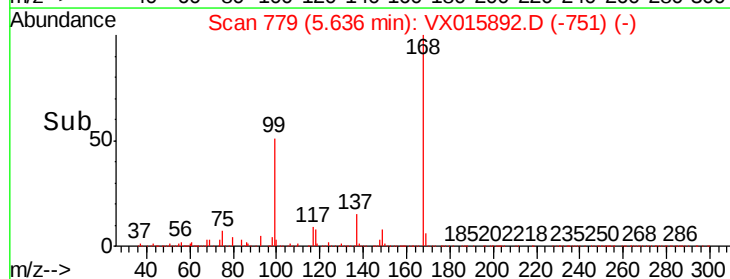
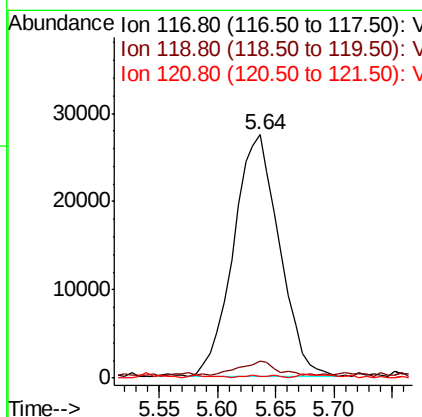
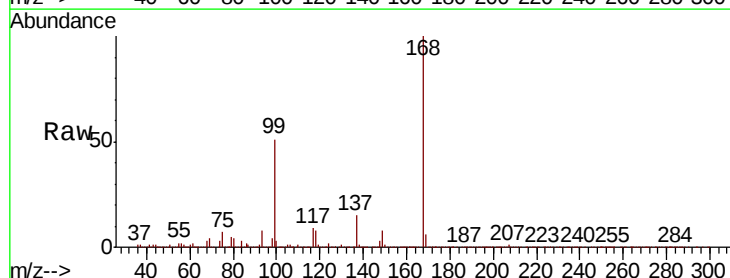
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

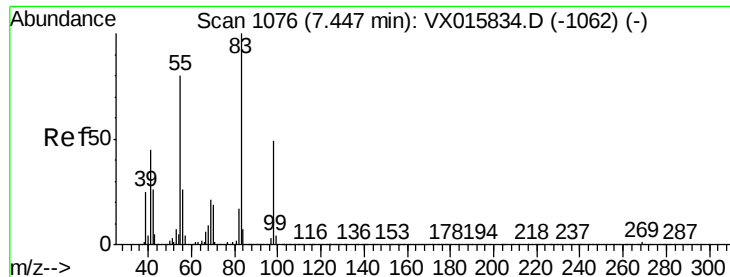
Tot Ion	Ratio	Lower	Upper
75	100		
110	12.0	17.9	53.8#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.665 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015892.D
 Acq: 23 Apr 2020 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.7	113.5#
121	0.4	25.0	37.6#

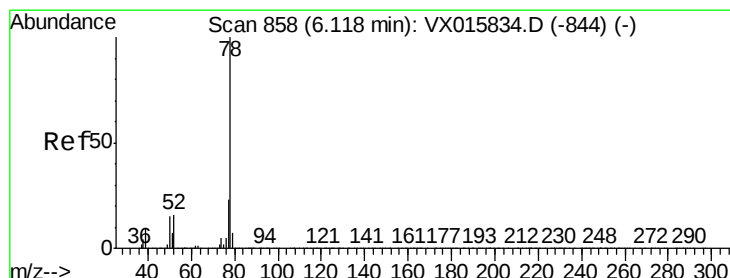
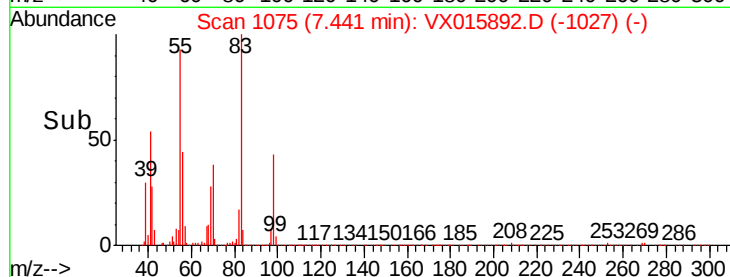
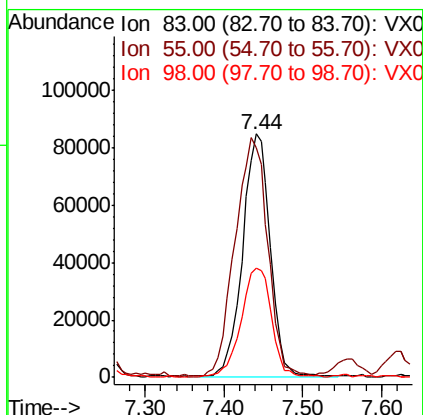
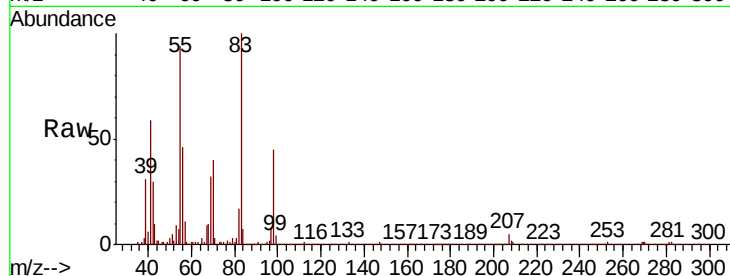




#39
Methvlcvclohexane
Concen: 14.163 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

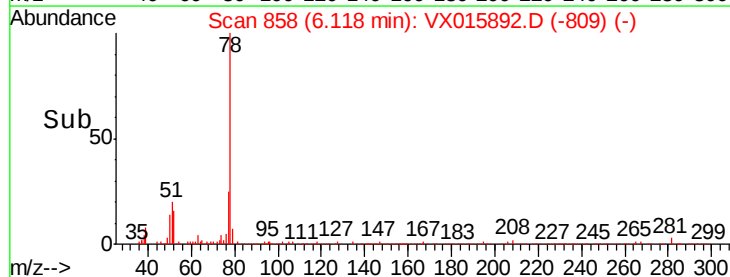
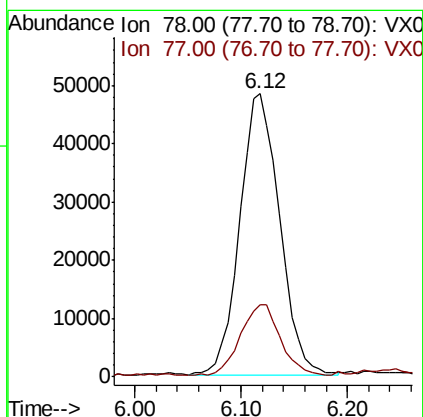
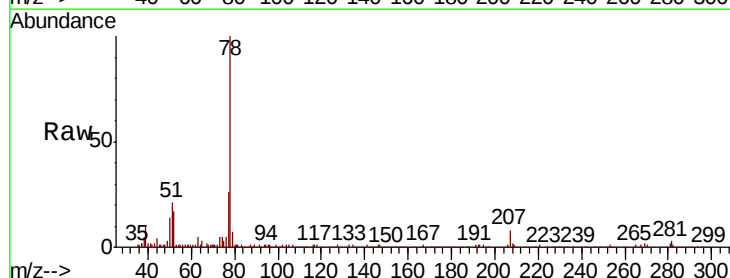
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

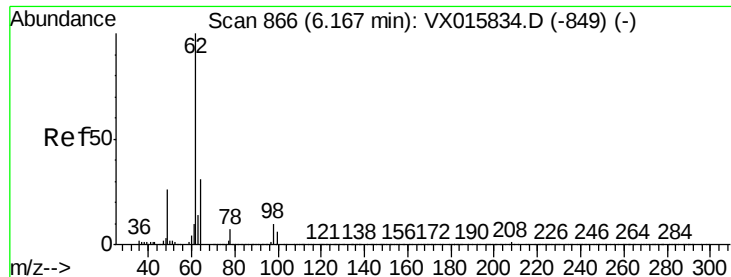
Tot Ion	83	Resp	204196
Ion Ratio	Lower	Upper	
83	100		
55	93.9	64.2	96.4
98	44.9	39.3	58.9



#40
Benzene
Concen: 3.721 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion	78	Resp	127594
Ion Ratio	Lower	Upper	
78	100		
77	25.1	18.6	27.8





#42

1,2-Dichloroethane

Concen: 0.301 ug/l

RT: 6.17 min Scan# 867

Delta R.T. 0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

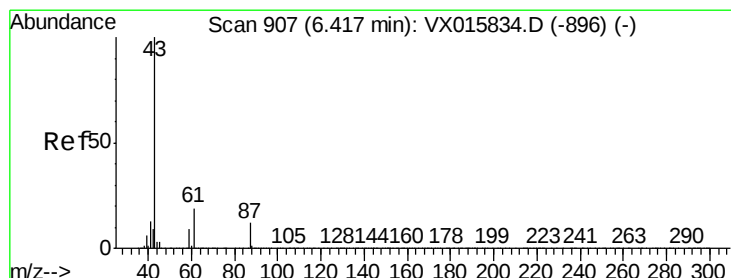
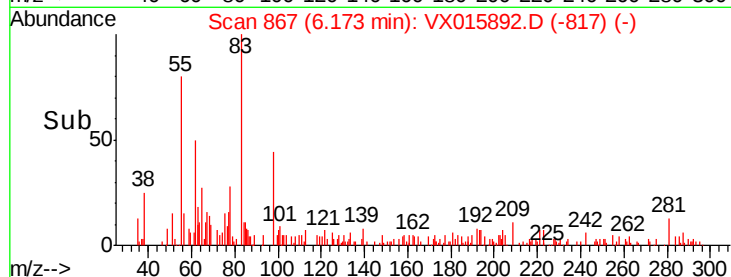
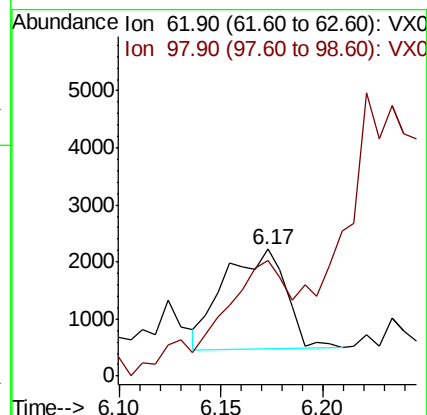
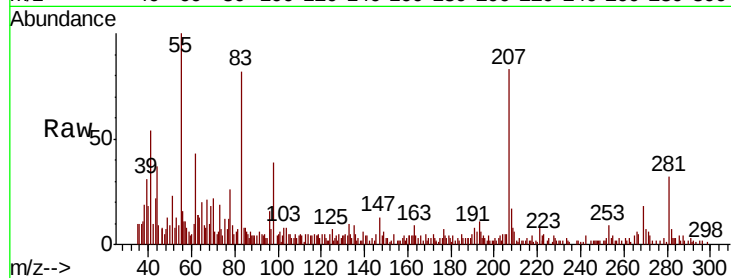
KY001MW078-200421-FD

Tot Ion: 62 Resp: 3720

Ion Ratio Lower Upper

62 100

98 132.6 0.0 20.0#



#43

Isopropyl Acetate

Concen: 0.607 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.02 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

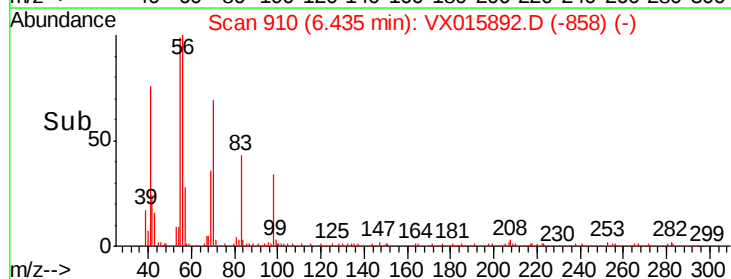
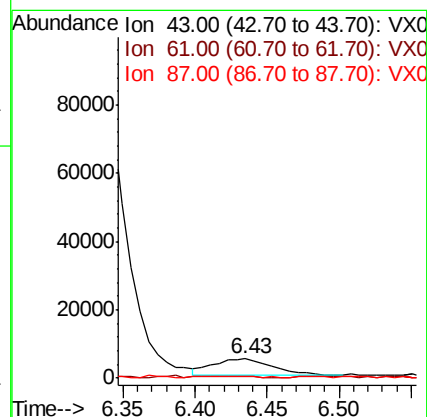
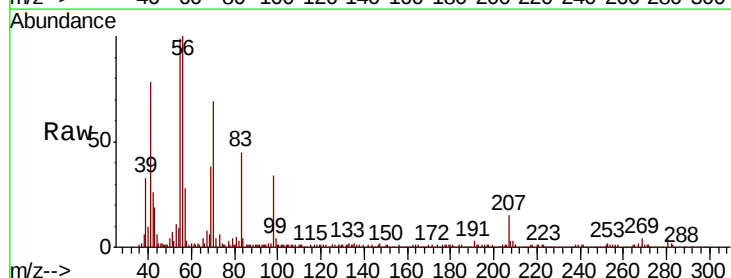
Tgt Ion: 43 Resp: 13880

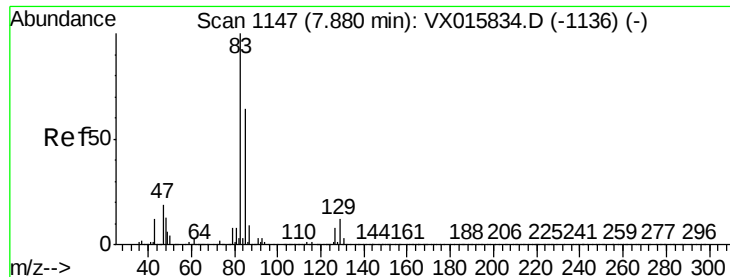
Ion Ratio Lower Upper

43 100

61 1.4 15.4 23.2#

87 2.2 9.8 14.6#





#47

Bromodichloromethane

Concen: 0.592 ug/l

RT: 7.83 min Scan# 1139

Delta R.T. -0.05 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

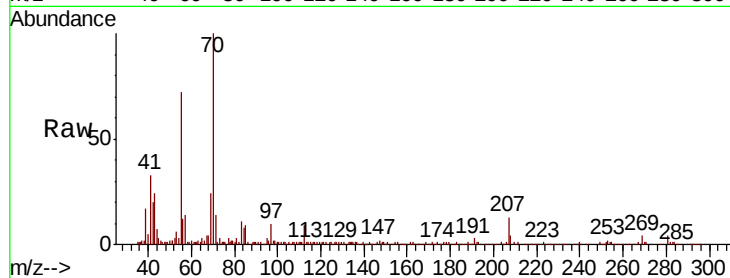
Tot Ion: 83 Resp: 6905

Ion Ratio Lower Upper

83 100

85 82.4 50.8 76.2#

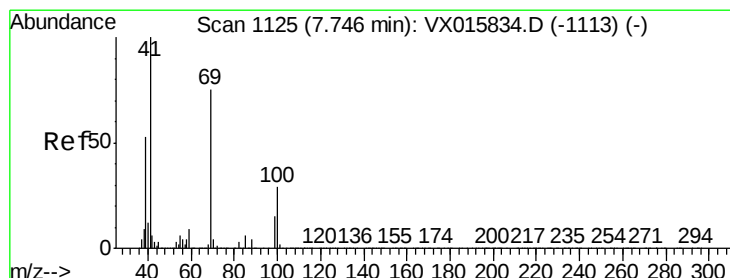
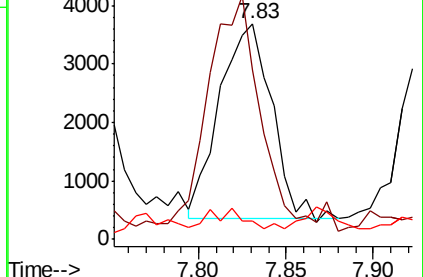
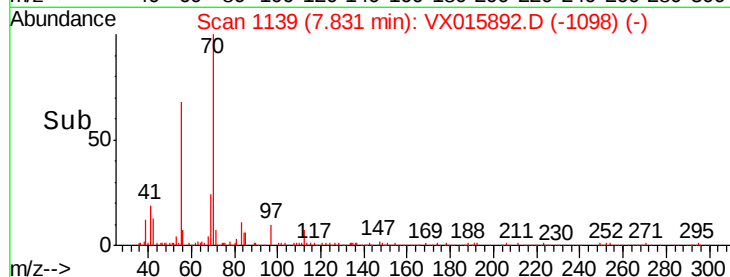
127 3.3 6.6 10.0#



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: 3.119 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.03 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

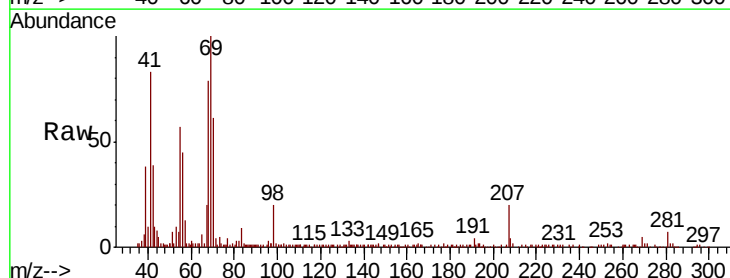
Tgt Ion: 41 Resp: 35072

Ion Ratio Lower Upper

41 100

69 138.1 60.5 90.7#

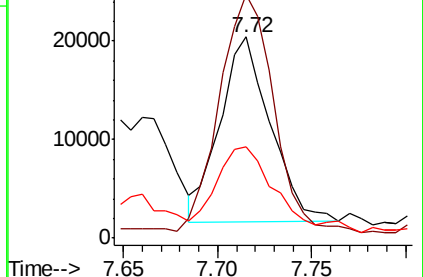
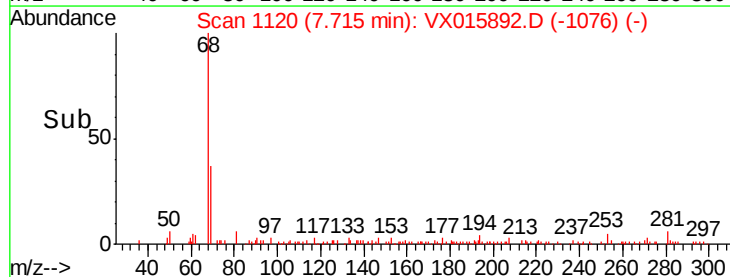
39 54.8 42.1 63.1

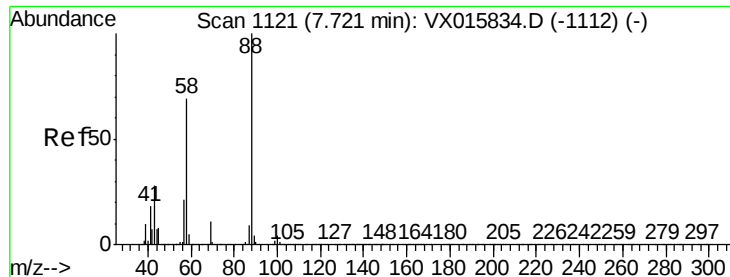


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2.998 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

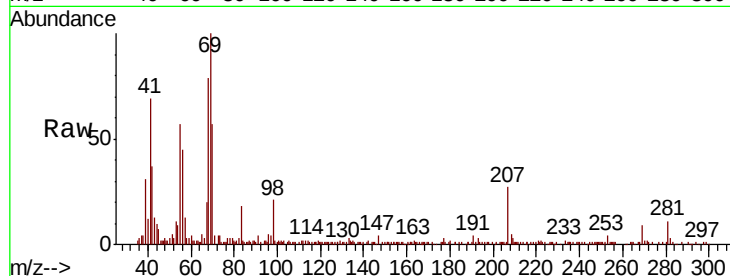
Tot Ion: 88 Resp: 637

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

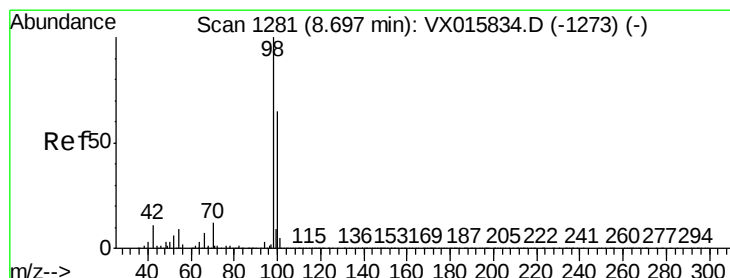
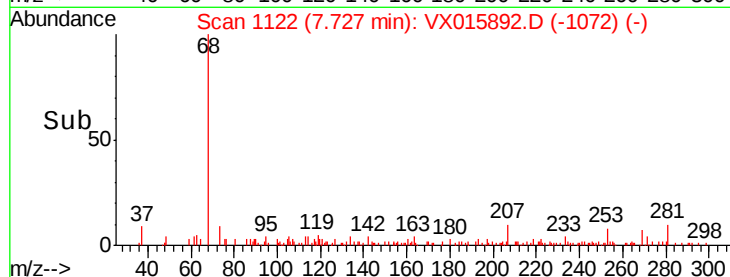
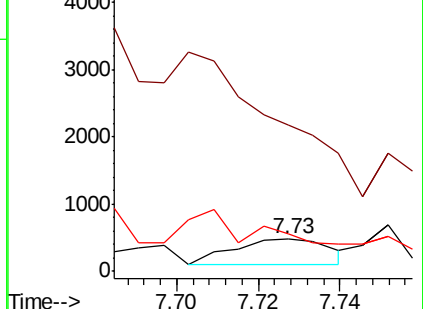
58 0.0 58.9 88.3#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.010 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015892.D

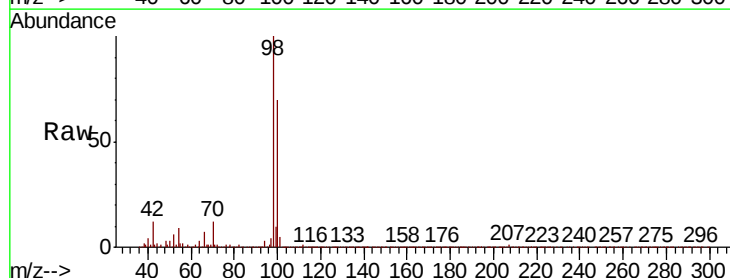
Acq: 23 Apr 2020 15:53

Tgt Ion: 98 Resp: 1552116

Ion Ratio Lower Upper

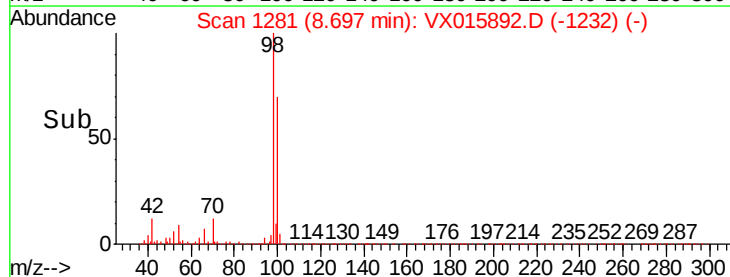
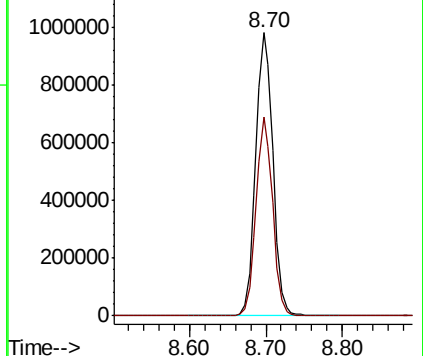
98 100

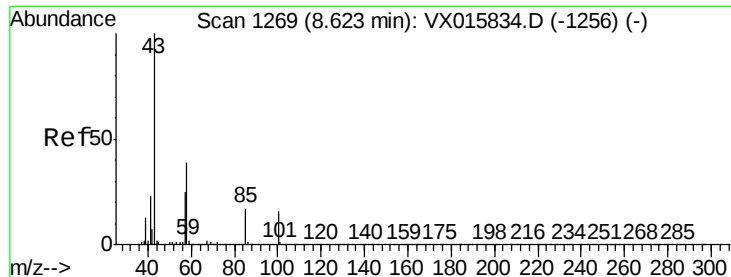
100 67.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.261 ug/l

RT: 8.66 min Scan# 1275

Delta R.T. 0.04 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

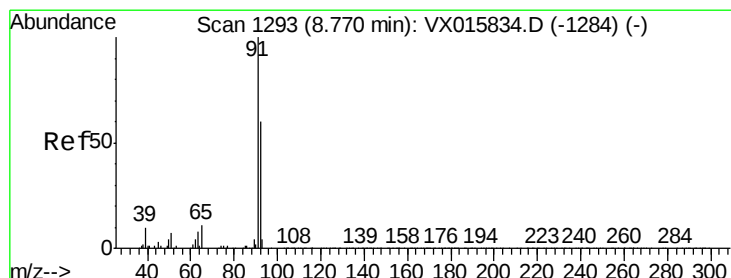
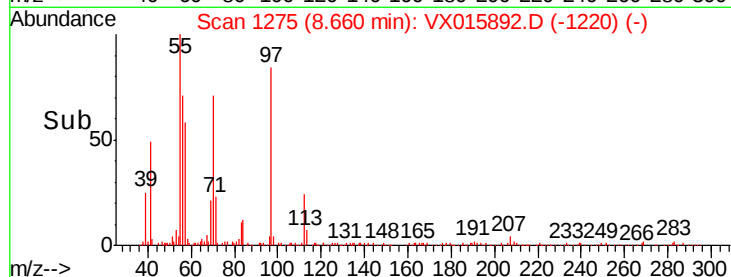
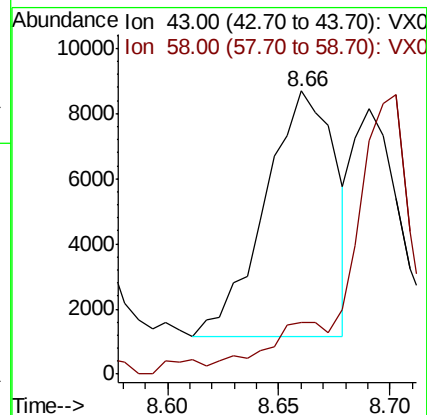
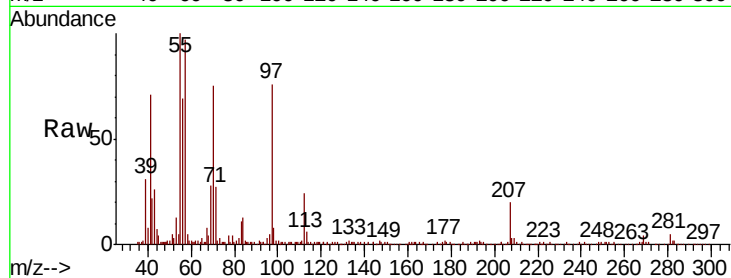
KY001MW078-200421-FD

Tot Ion: 43 Resp: 16633

Ion Ratio Lower Upper

43 100

58 0.0 30.6 45.8#



#52

Toluene

Concen: 0.498 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015892.D

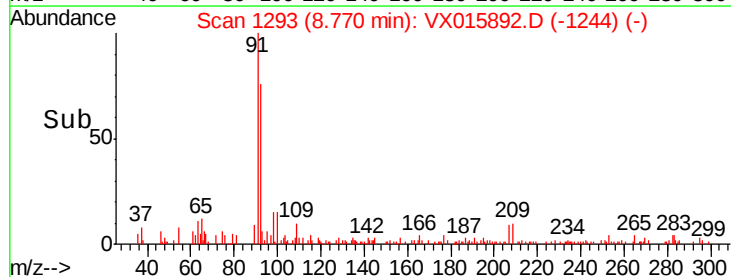
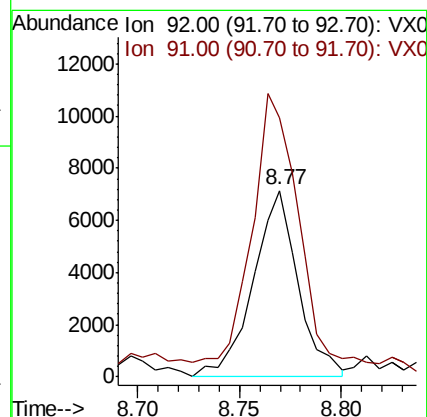
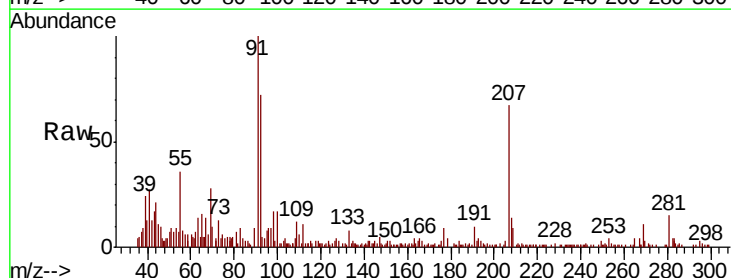
Acq: 23 Apr 2020 15:53

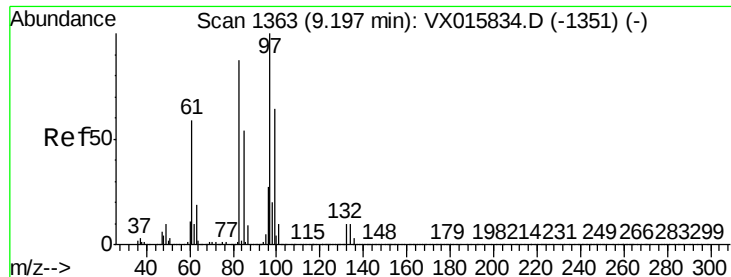
Tgt Ion: 92 Resp: 10955

Ion Ratio Lower Upper

92 100

91 148.3 133.4 200.0





#55

1,1,2-Trichloroethane

Concen: 0.433 ug/l

RT: 9.25 min Scan# 1371

Delta R.T. 0.05 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

Tot Ion: 97 Resp: 3720

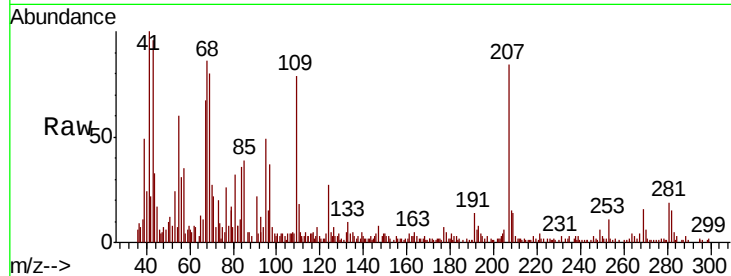
Ion Ratio Lower Upper

97 100

83 2.2 69.8 104.8#

85 86.5 43.4 65.2#

99 3.7 51.2 76.8#

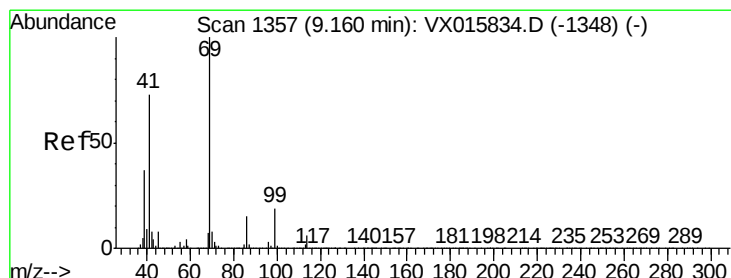
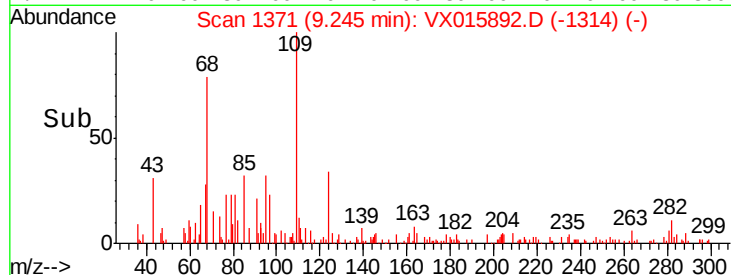
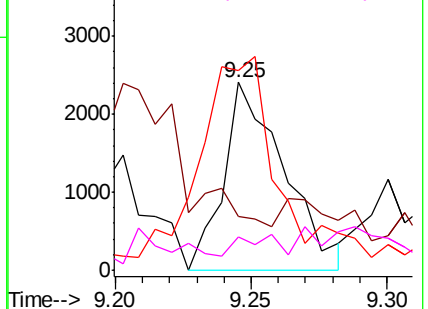


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.311 ug/l

RT: 9.15 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

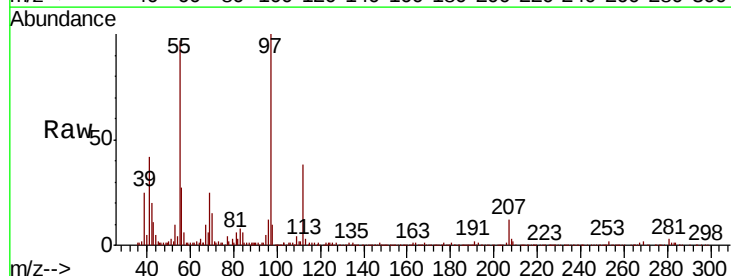
Tgt Ion: 69 Resp: 19055

Ion Ratio Lower Upper

69 100

41 173.0 57.4 86.2#

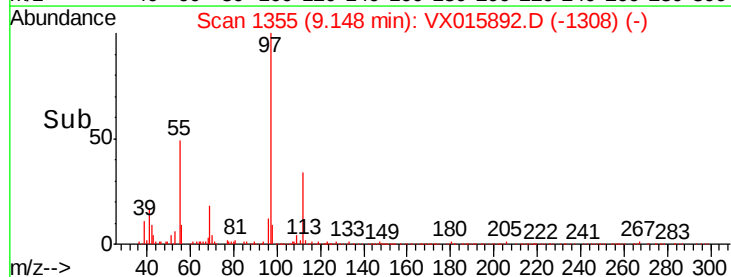
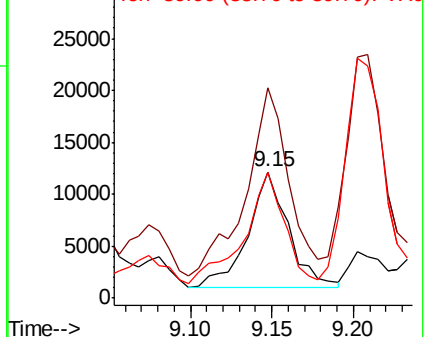
39 96.3 29.7 44.5#

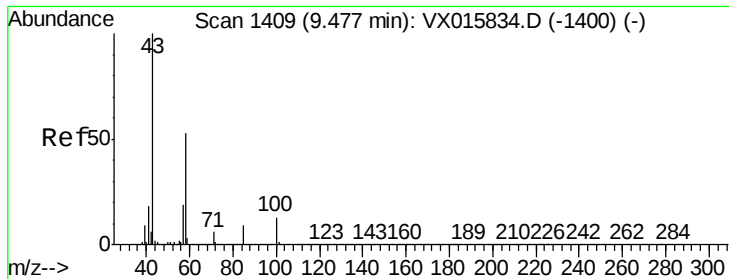


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

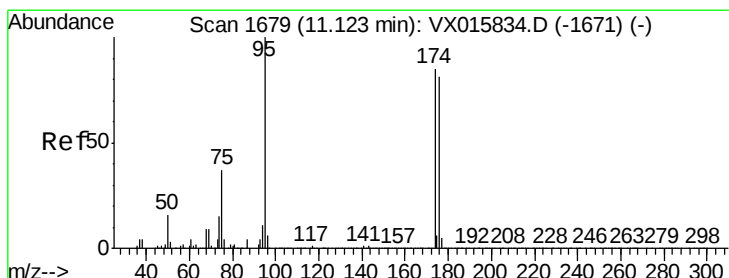
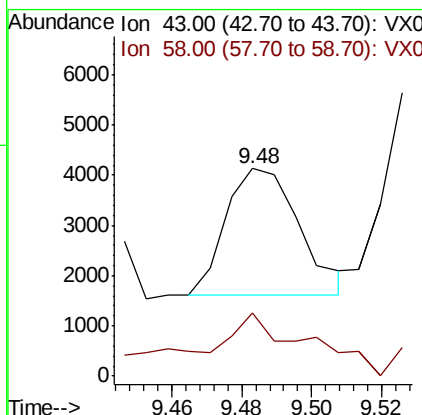
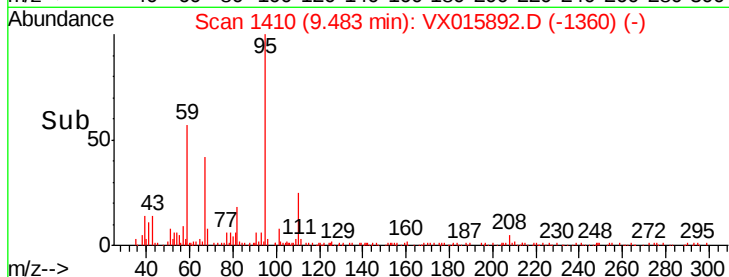
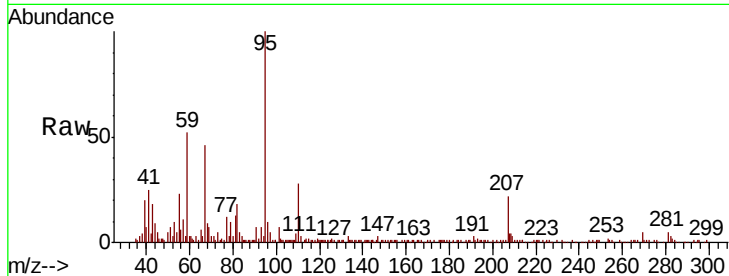




#59
2-Hexanone
Concen: 0.366 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

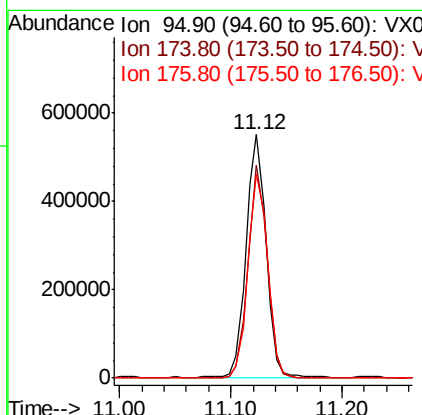
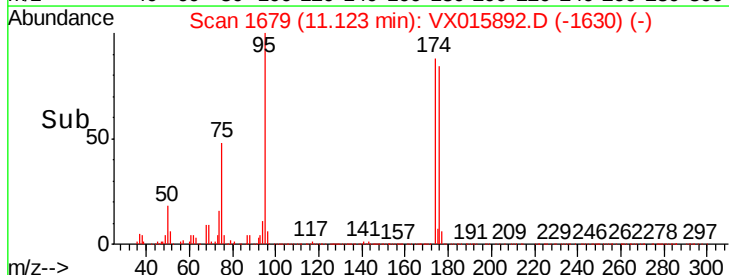
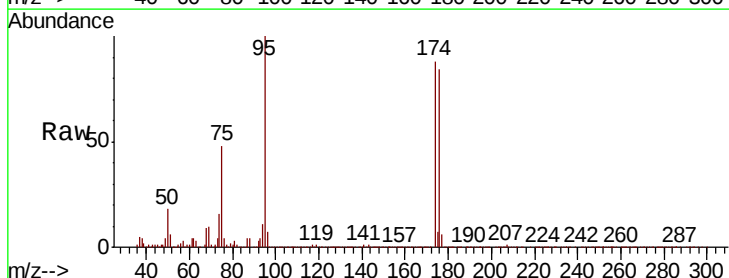
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

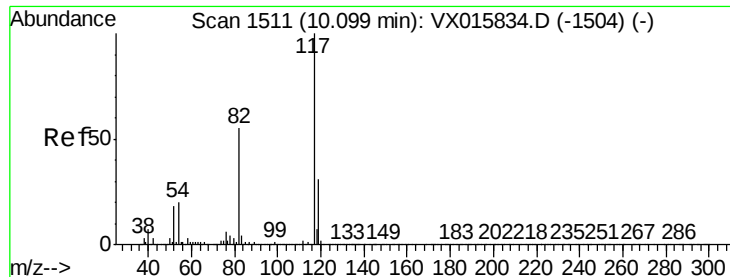
Tot Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 71.2 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 56.409 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion: 95 Resp: 690577
Ion Ratio Lower Upper
95 100
174 83.4 0.0 172.4
176 82.6 0.0 167.0

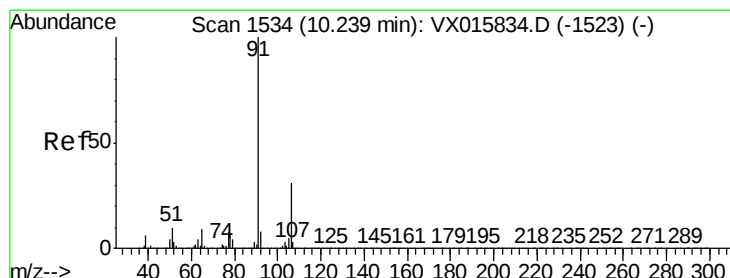
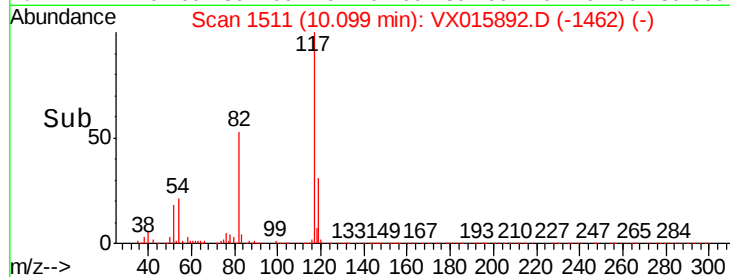
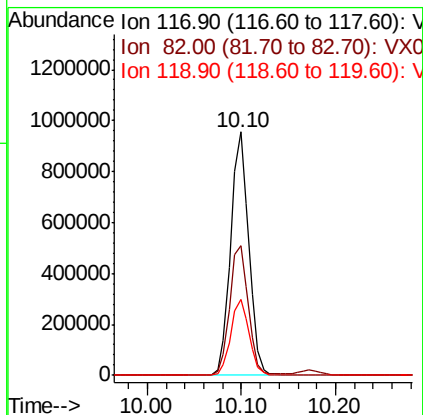
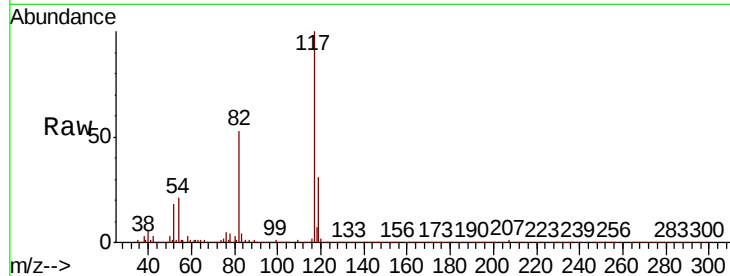




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

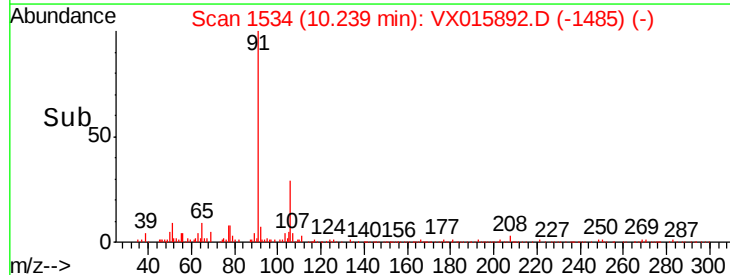
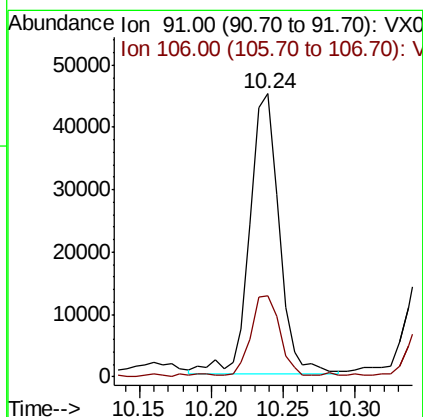
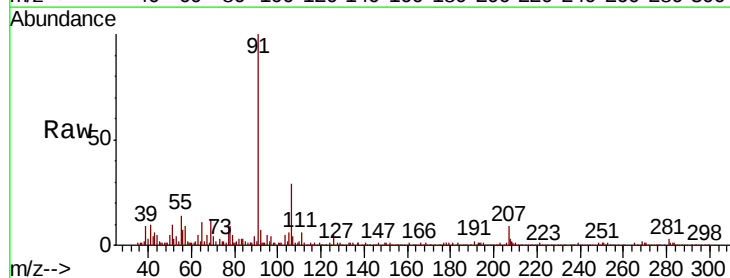
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

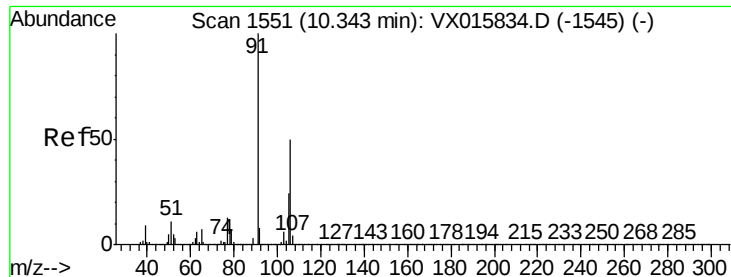
Tot Ion:117 Resp: 1272668
Ion Ratio Lower Upper
117 100
82 53.2 43.9 65.9
119 31.1 25.1 37.7



#67
Ethyl Benzene
Concen: 1.421 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion: 91 Resp: 63489
Ion Ratio Lower Upper
91 100
106 28.4 25.0 37.4

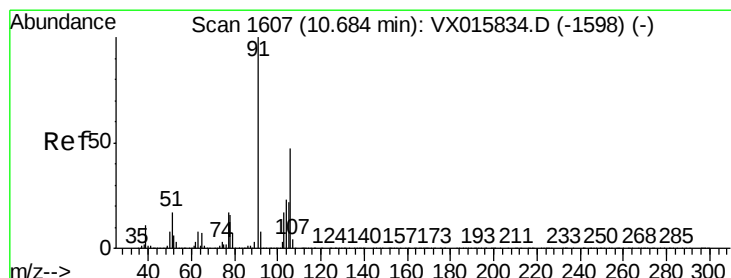
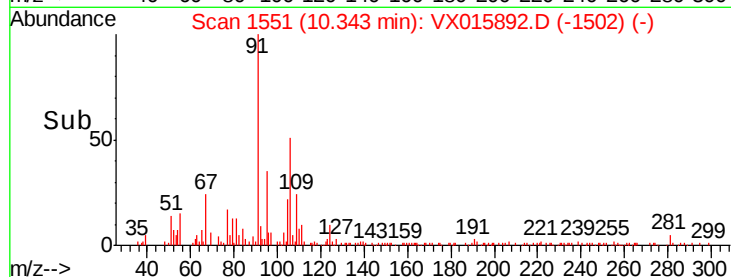
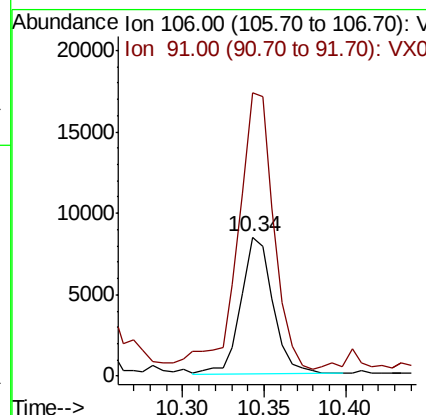
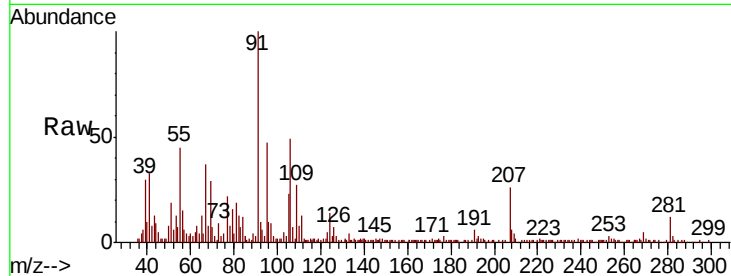




#68
m/p-Xylenes
Concen: 0.678 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

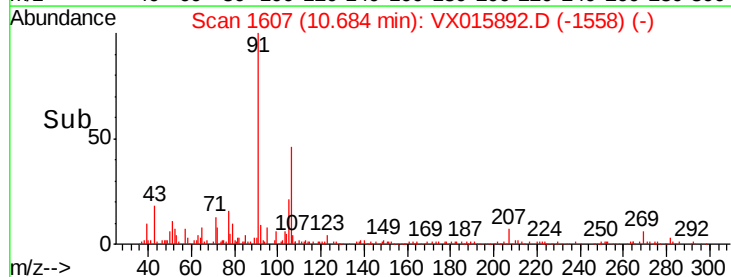
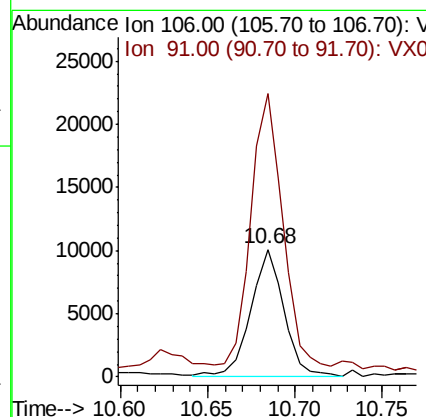
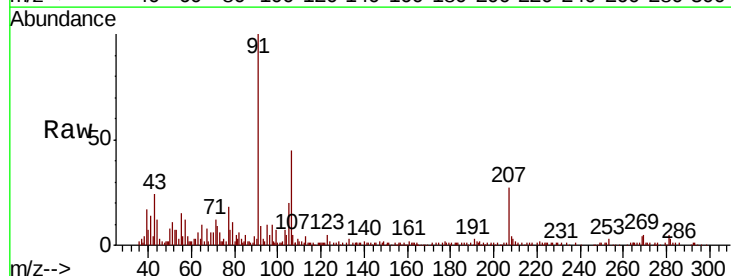
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

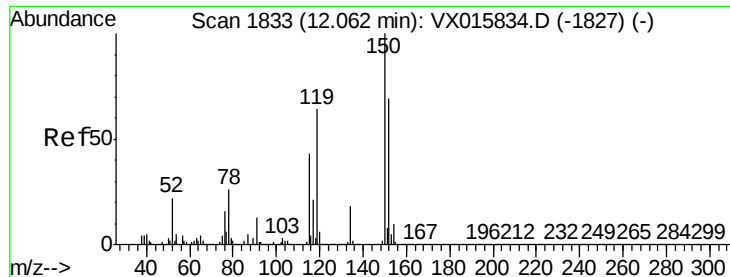
Tot Ion:106 Resp: 11372
Ion Ratio Lower Upper
106 100
91 229.6 161.1 241.7



#69
o-Xylene
Concen: 0.814 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion:106 Resp: 13444
Ion Ratio Lower Upper
106 100
91 201.9 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

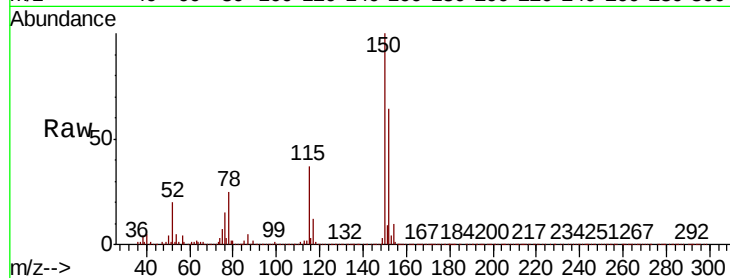
Tot Ion:152 Resp: 725333

Ion Ratio Lower Upper

152 100

115 56.9 39.0 116.9

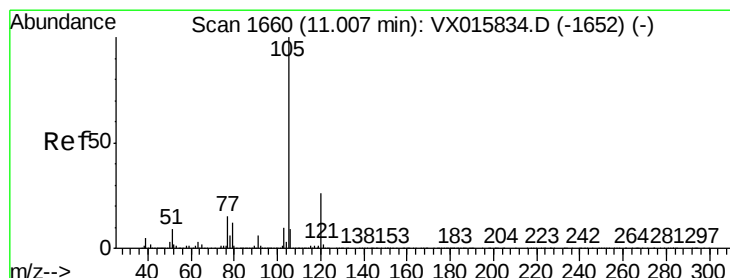
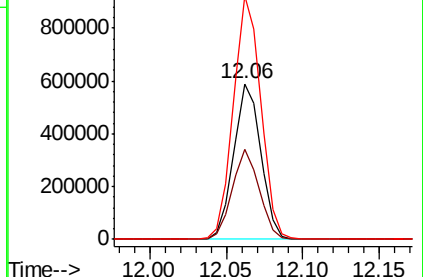
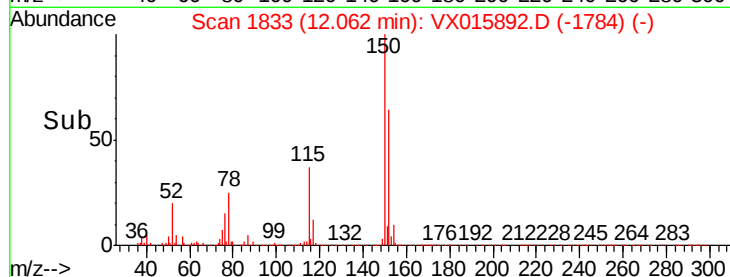
150 157.7 0.0 336.8



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: 47.882 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015892.D

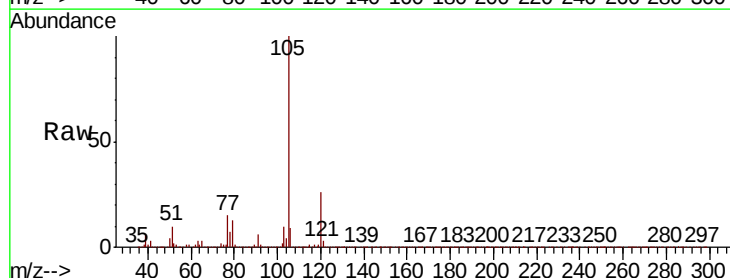
Acq: 23 Apr 2020 15:53

Tgt Ion:105 Resp: 2205706

Ion Ratio Lower Upper

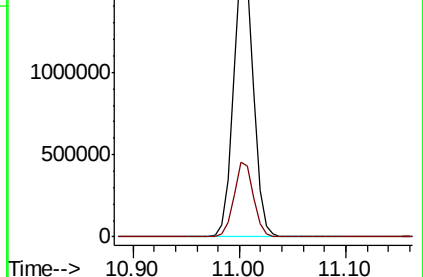
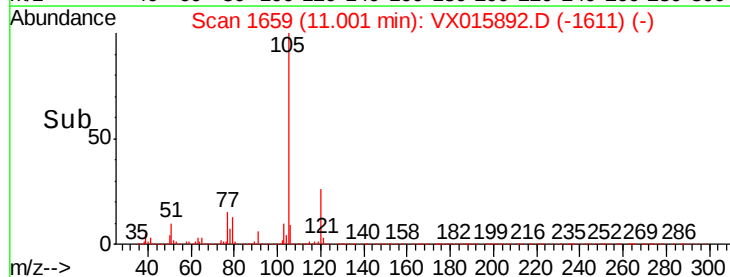
105 100

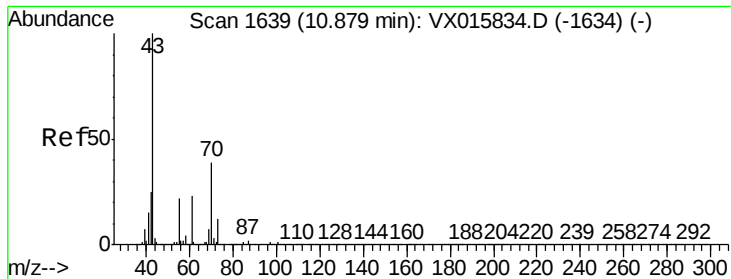
120 26.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.283 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

Tot Ion: 43 Resp: 6723

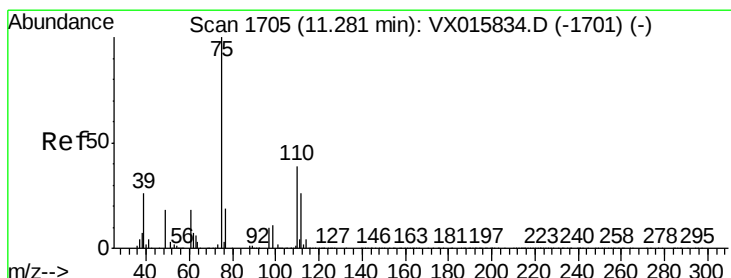
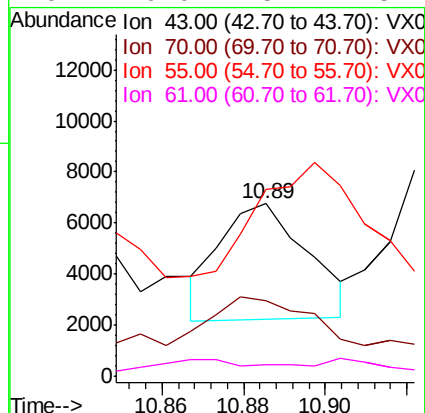
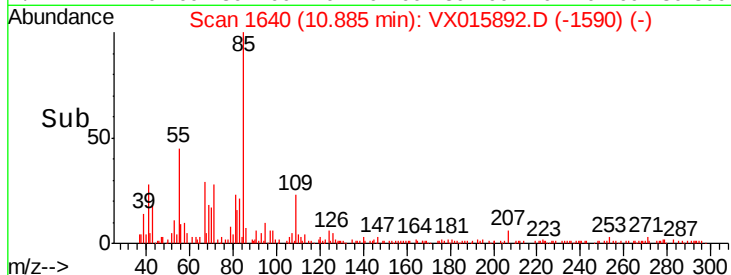
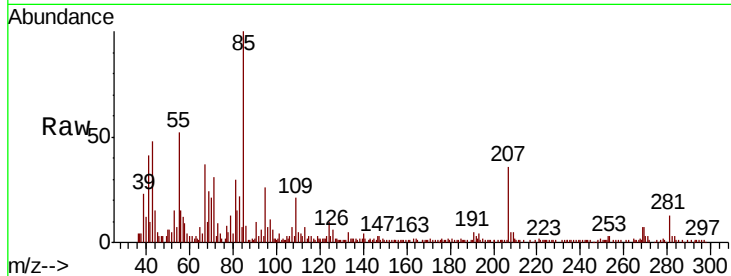
Ion Ratio Lower Upper

43 100

70 118.0 32.6 49.0#

55 232.8 18.3 27.5#

61 0.0 18.7 28.1#



#76

1,2,3-Trichloropropane

Concen: 2.113 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.06 min

Lab File: VX015892.D

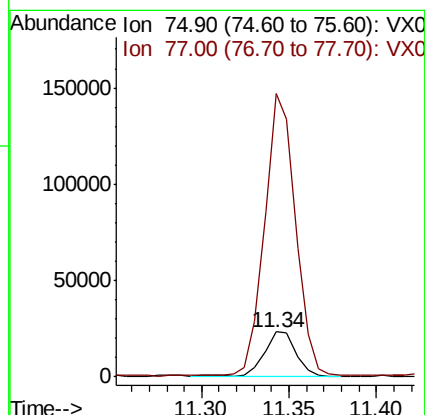
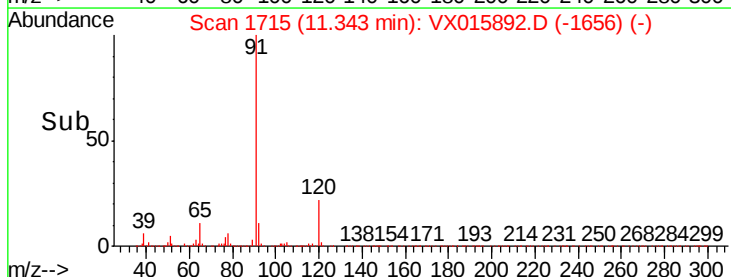
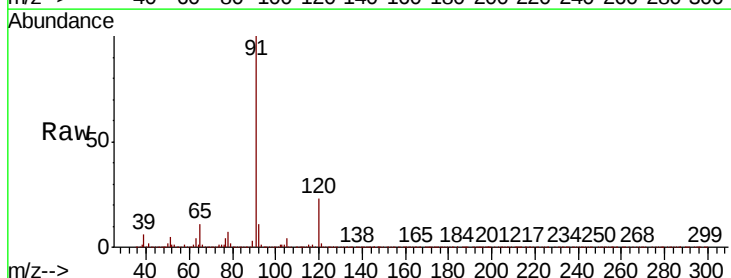
Acq: 23 Apr 2020 15:53

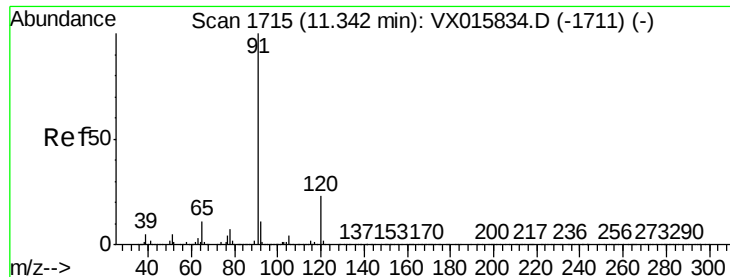
Tgt Ion: 75 Resp: 29142

Ion Ratio Lower Upper

75 100

77 619.3 21.3 63.9#





#78

n-propylbenzene

Concen: 83.396 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

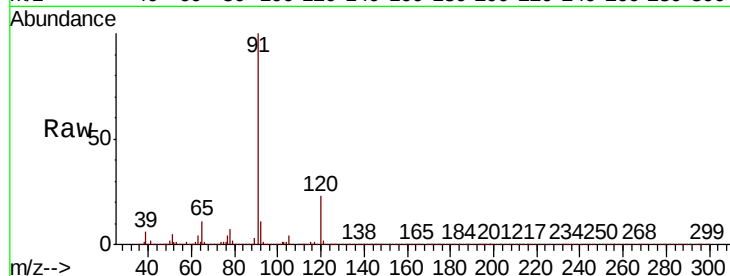
KY001MW078-200421-FD

Tot Ion: 91 Resp: 4400846

Ion Ratio Lower Upper

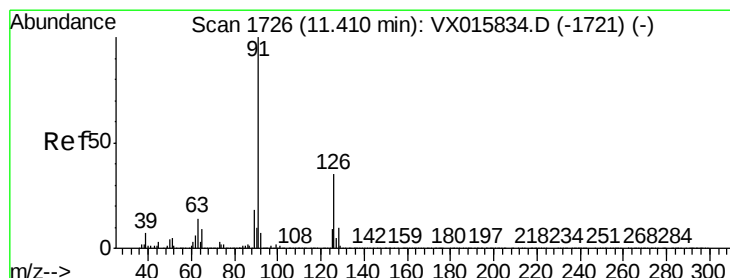
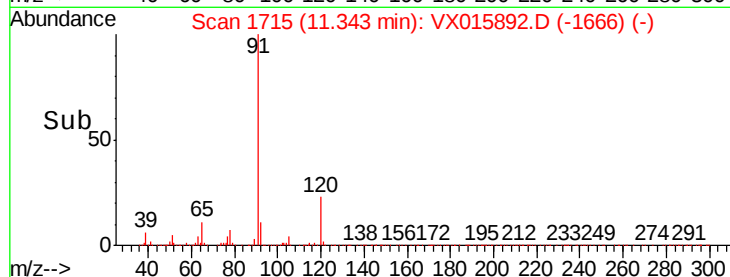
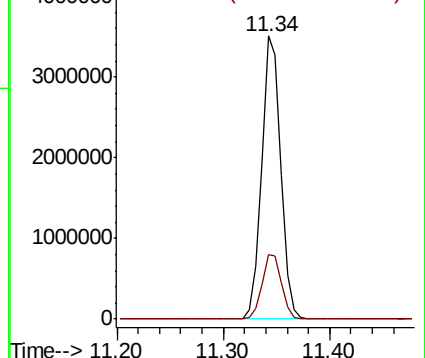
91 100

120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 138.835 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.07 min

Lab File: VX015892.D

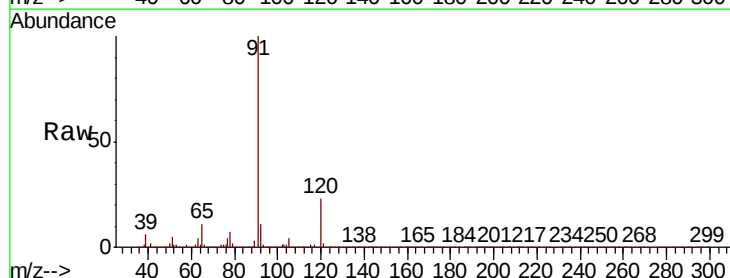
Acq: 23 Apr 2020 15:53

Tgt Ion: 91 Resp: 4400846

Ion Ratio Lower Upper

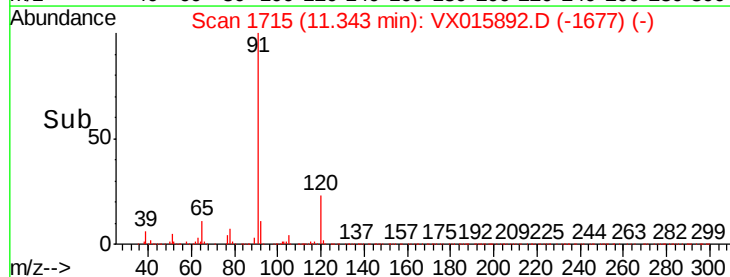
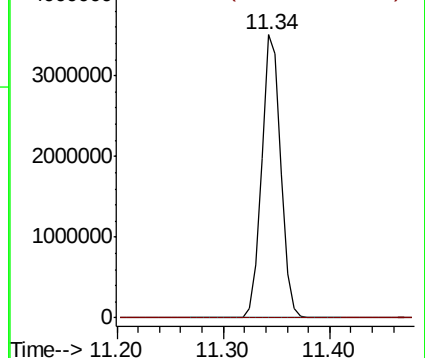
91 100

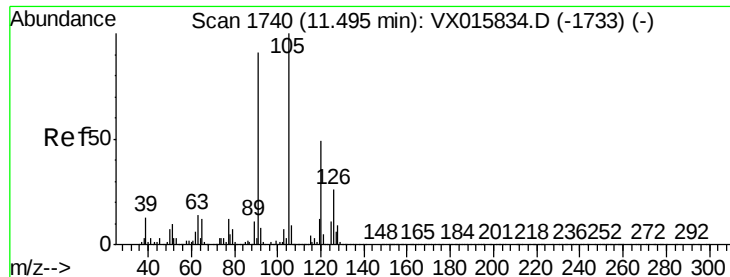
126 0.0 17.2 51.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

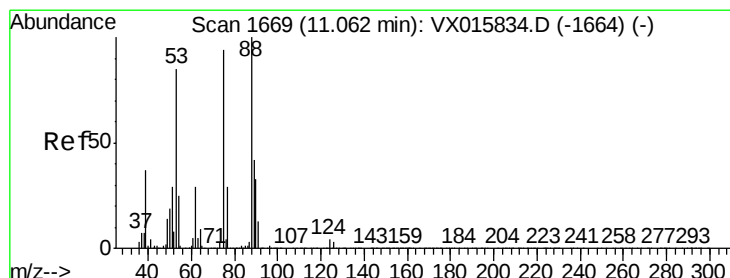
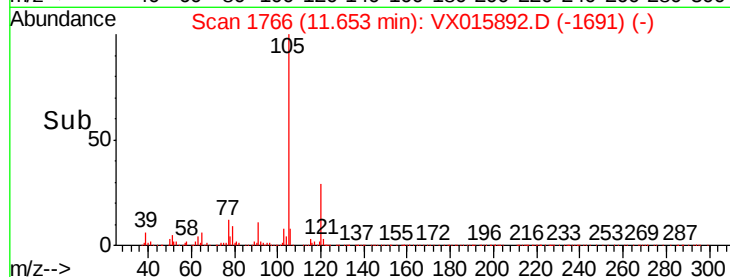
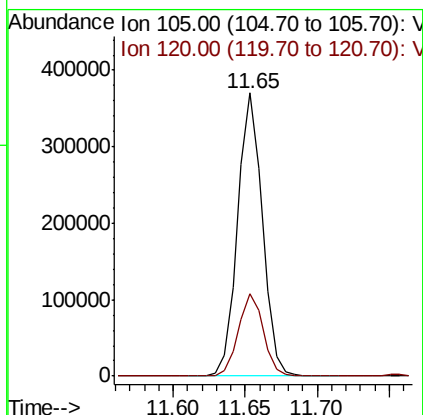
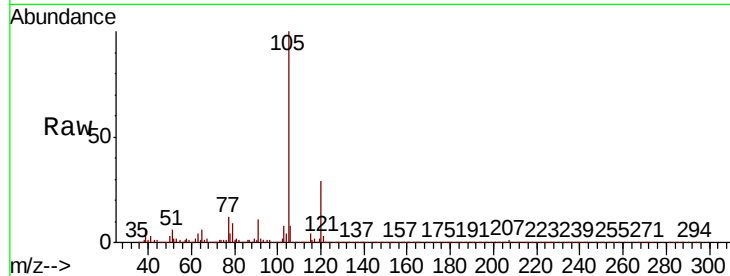




#80
 1,3,5-Trimethylbenzene
 Concen: 11.284 ug/l
 RT: 11.65 min Scan# 1766
 Delta R.T. 0.16 min
 Lab File: VX015892.D
 Acq: 23 Apr 2020 15:53

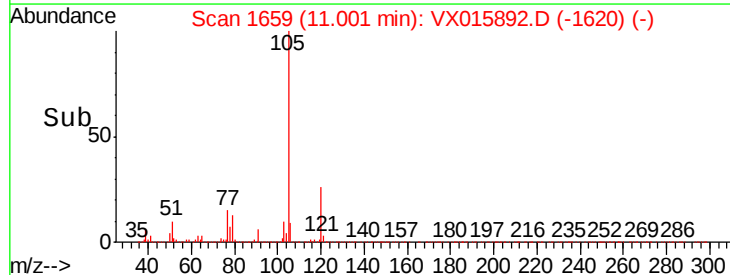
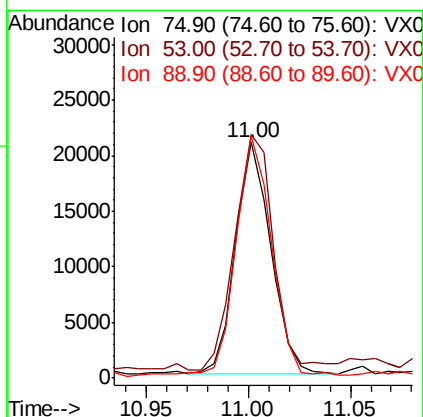
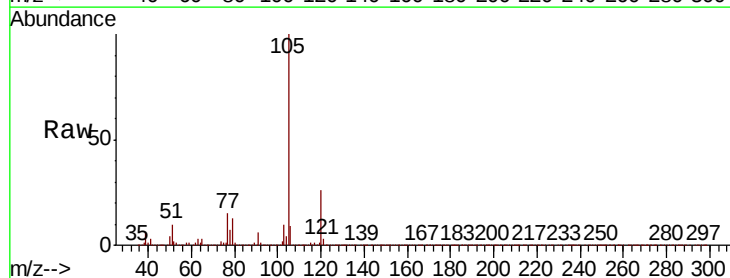
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

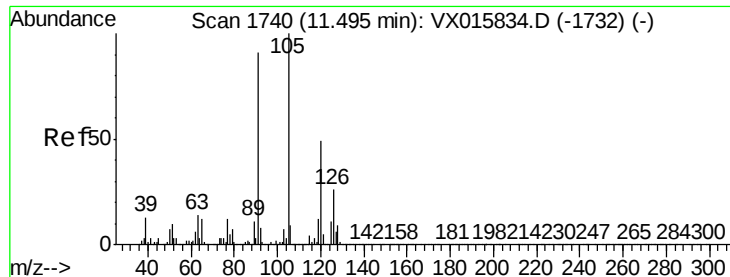
Tot Ion:105 Resp: 443249
 Ion Ratio Lower Upper
 105 100
 120 28.9 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.394 ug/l
 RT: 11.00 min Scan# 1659
 Delta R.T. -0.06 min
 Lab File: VX015892.D
 Acq: 23 Apr 2020 15:53

Tgt Ion: 75 Resp: 25196
 Ion Ratio Lower Upper
 75 100
 53 108.4 74.2 111.2
 89 102.7 38.0 57.0#





#82

4-Chlorotoluene

Concen: 116.835 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.15 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

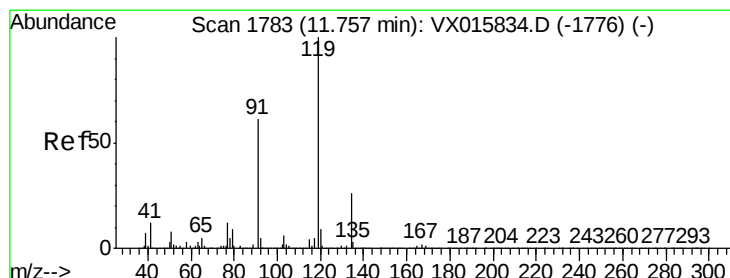
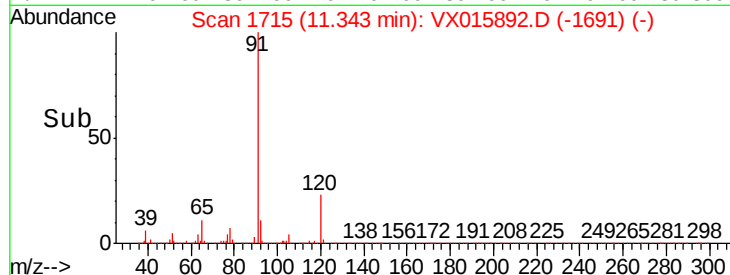
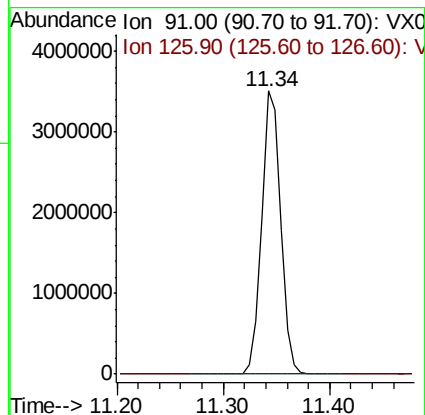
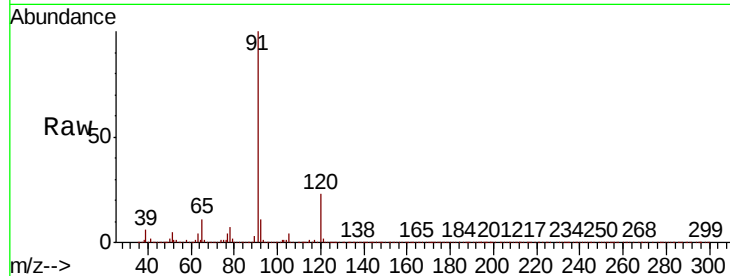
KY001MW078-200421-FD

Tot Ion: 91 Resp: 4400846

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



#83

tert-Butylbenzene

Concen: 0.597 ug/l

RT: 11.75 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

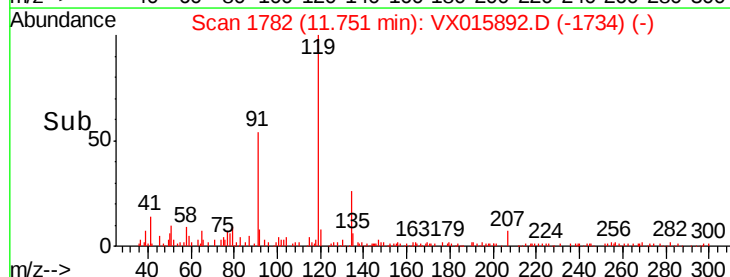
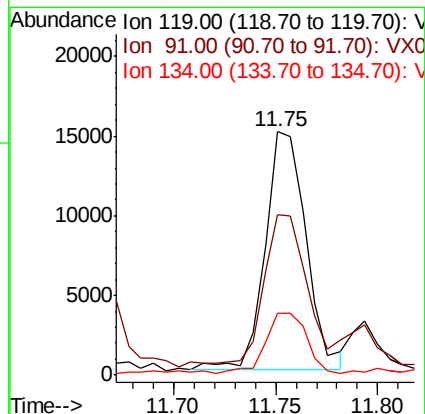
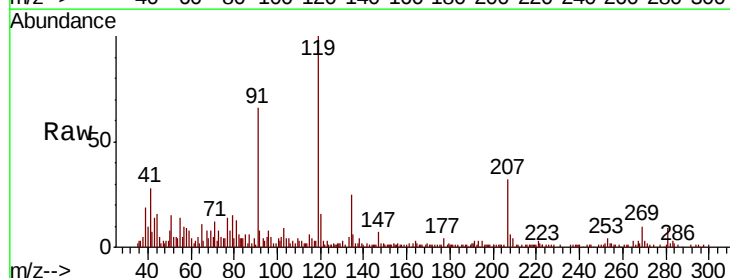
Tgt Ion: 119 Resp: 20801

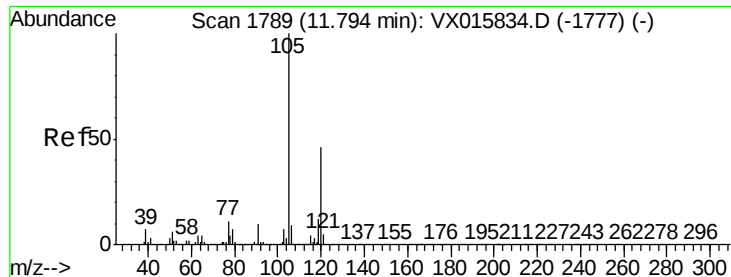
Ion Ratio Lower Upper

119 100

91 67.8 30.9 92.7

134 25.1 12.4 37.2

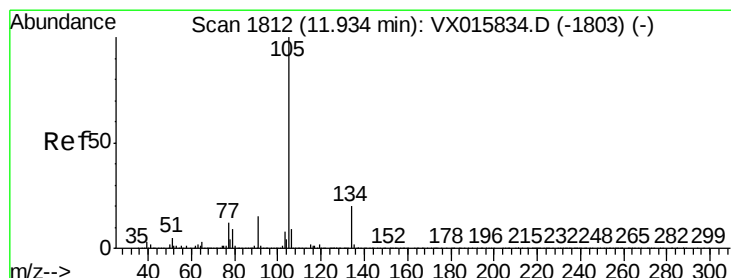
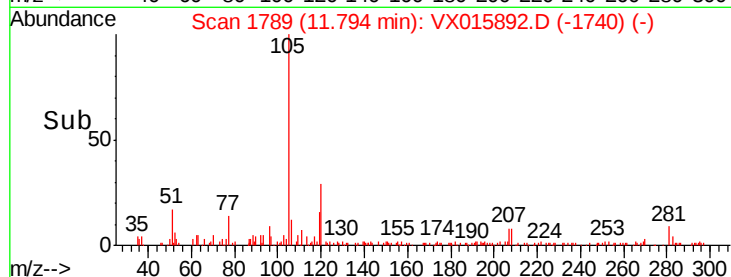
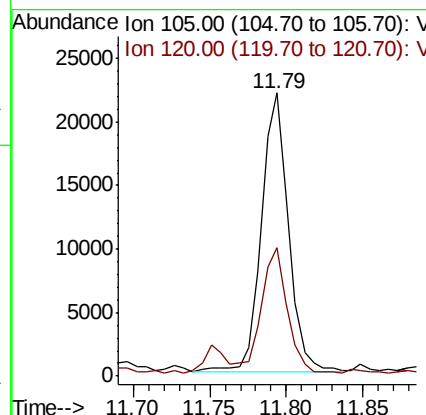
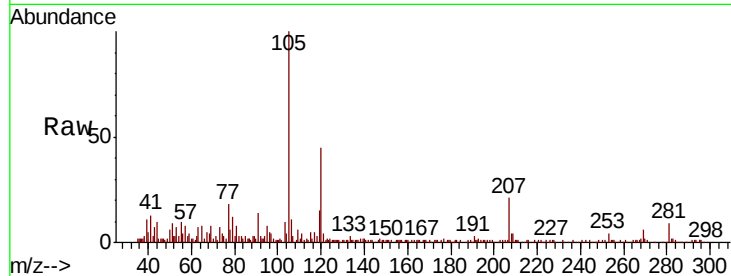




#84
 1,2,4-Trimethylbenzene
 Concen: 0.658 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015892.D
 Acq: 23 Apr 2020 15:53

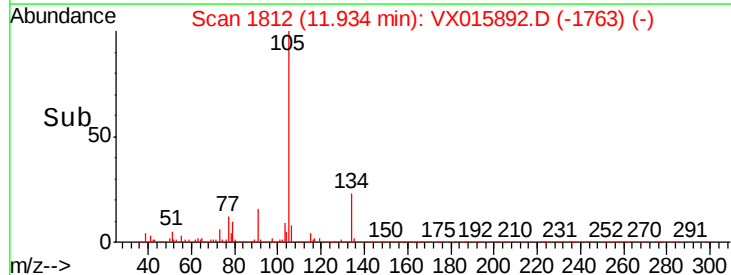
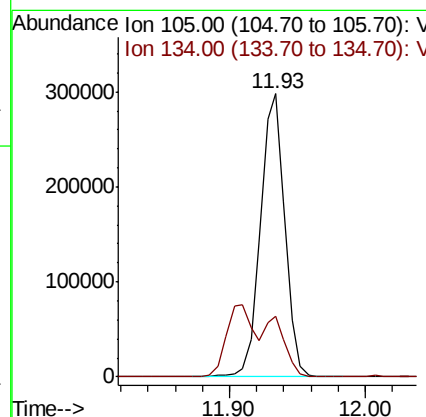
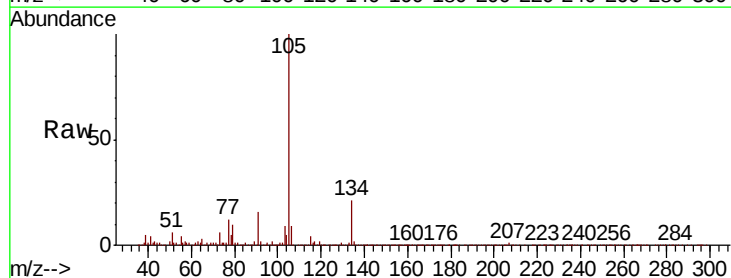
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW078-200421-FD

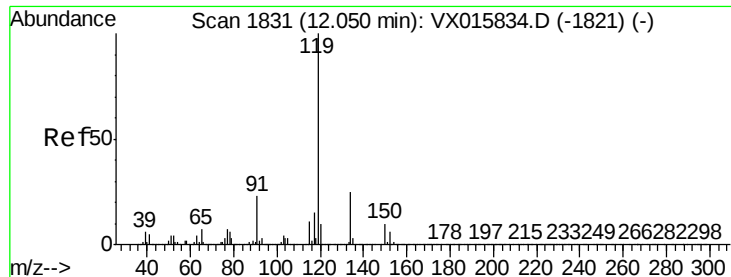
Tot Ion:105 Resp: 26838
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 8.135 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015892.D
 Acq: 23 Apr 2020 15:53

Tgt Ion:105 Resp: 373665
 Ion Ratio Lower Upper
 105 100
 134 17.5 10.3 30.8





#86

p-Isopropyltoluene

Concen: 3.094 ug/l

RT: 12.22 min Scan# 1859

Delta R.T. 0.17 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

KY001MW078-200421-FD

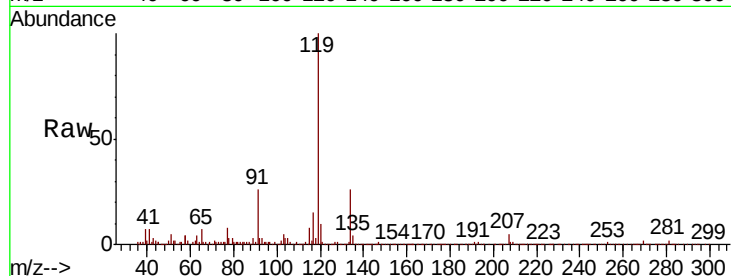
Tot Ion: 119 Resp: 132884

Ion Ratio Lower Upper

119 100

134 26.8 13.0 38.9

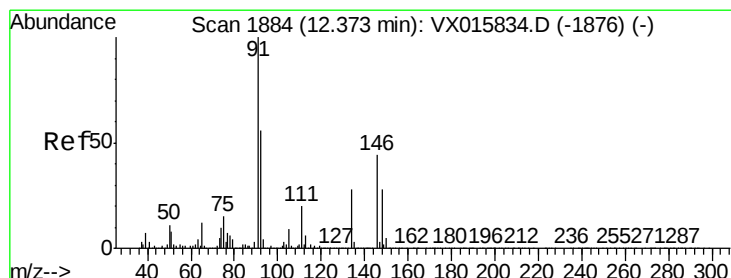
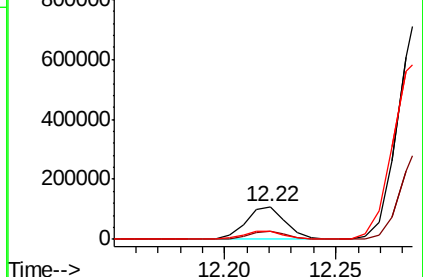
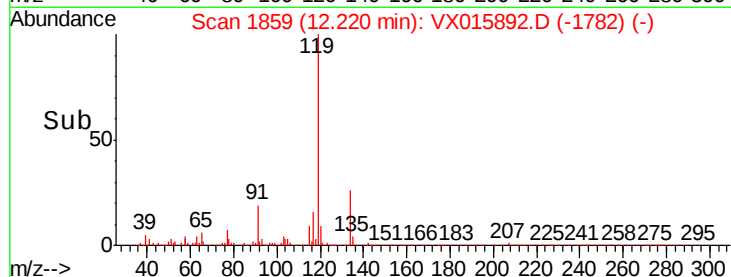
91 24.1 11.5 34.5



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): V



#89

n-Butylbenzene

Concen: 12.378 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015892.D

Acq: 23 Apr 2020 15:53

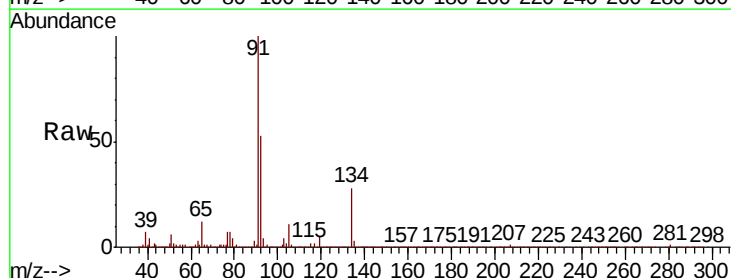
Tgt Ion: 91 Resp: 475290

Ion Ratio Lower Upper

91 100

92 44.2 27.7 83.1

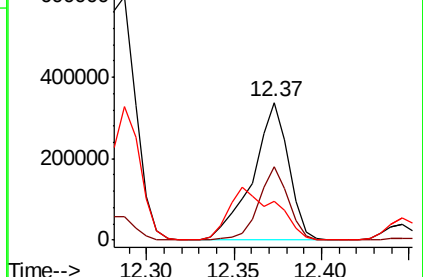
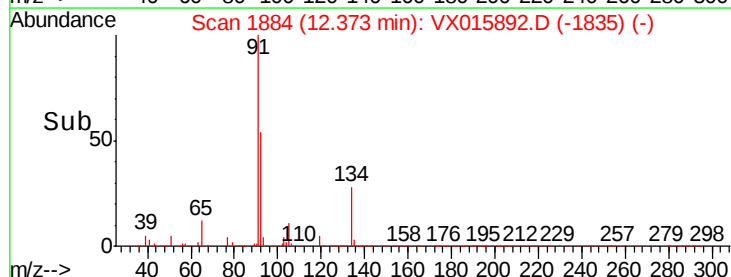
134 50.9 14.1 42.4#

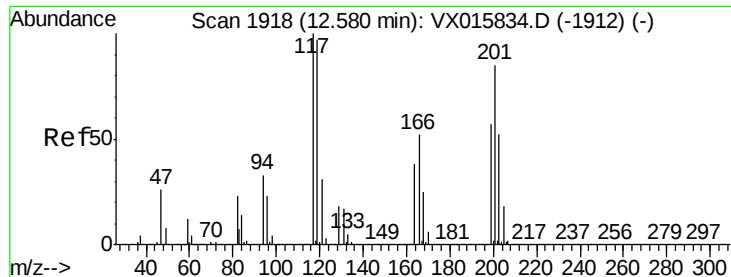


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

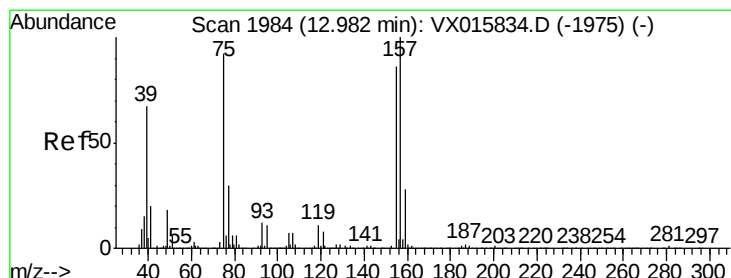
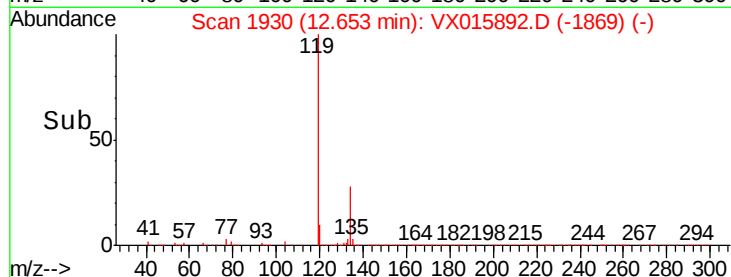
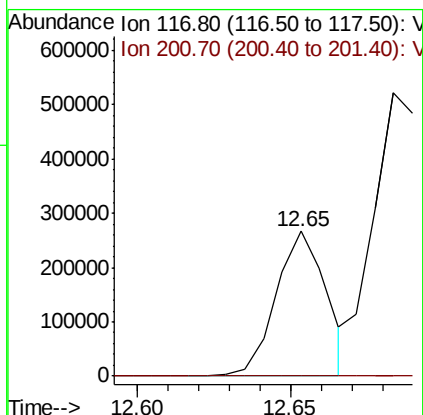
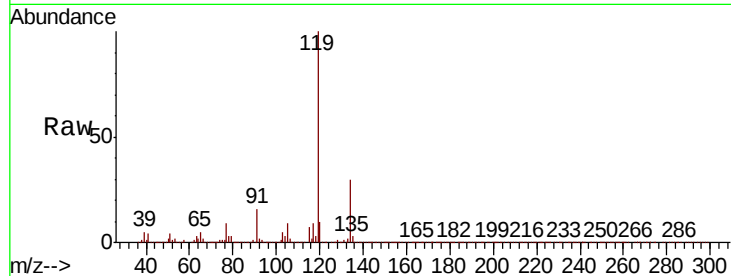




#90
Hexachloroethane
Concen: 66.754 ug/l
RT: 12.65 min Scan# 1930
Delta R.T. 0.07 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

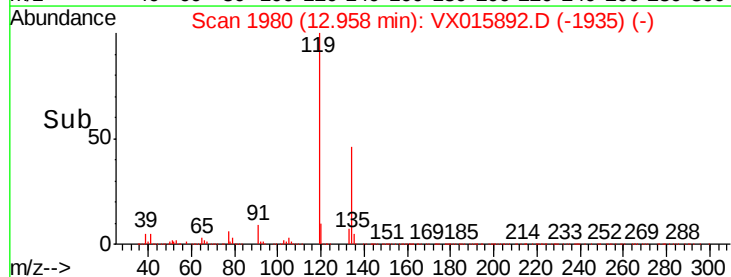
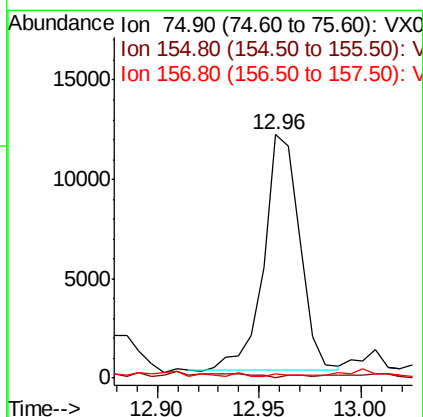
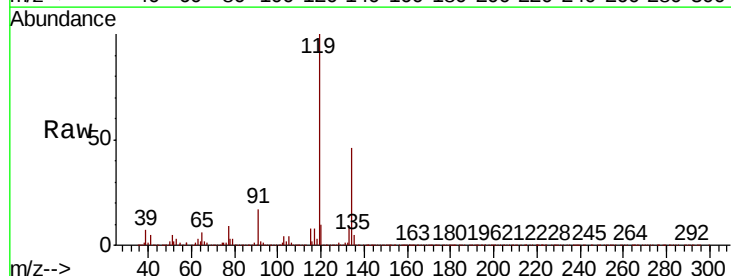
Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

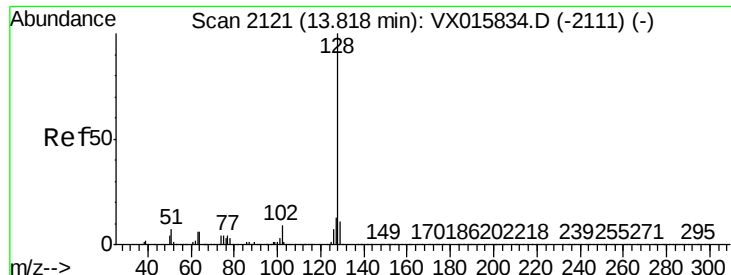
Tot Ion:117 Resp: 302866
Ion Ratio Lower Upper
117 100
201 0.1 45.6 136.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.042 ug/l
RT: 12.96 min Scan# 1980
Delta R.T. -0.02 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Tgt Ion: 75 Resp: 14576
Ion Ratio Lower Upper
75 100
155 1.1 48.1 144.4#
157 1.2 58.9 176.7#





#95
Naphthalene
Concen: 15.019 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015892.D
Acq: 23 Apr 2020 15:53

Instrument :
MSVOA_X
ClientSampleId :
KY001MW078-200421-FD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	12.7	8.5	12.7#

