

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042320\
 Data File : VX015887.D
 Acq On : 23 Apr 2020 14:00
 Operator : JC/SP
 Sample : L2380-10DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421DL

Quant Time: Apr 24 04:47:58 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	845835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1292245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1265817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	725829	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	472063	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	5.47	113	372134	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	8.70	98	1563706	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.12	95	673718	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	

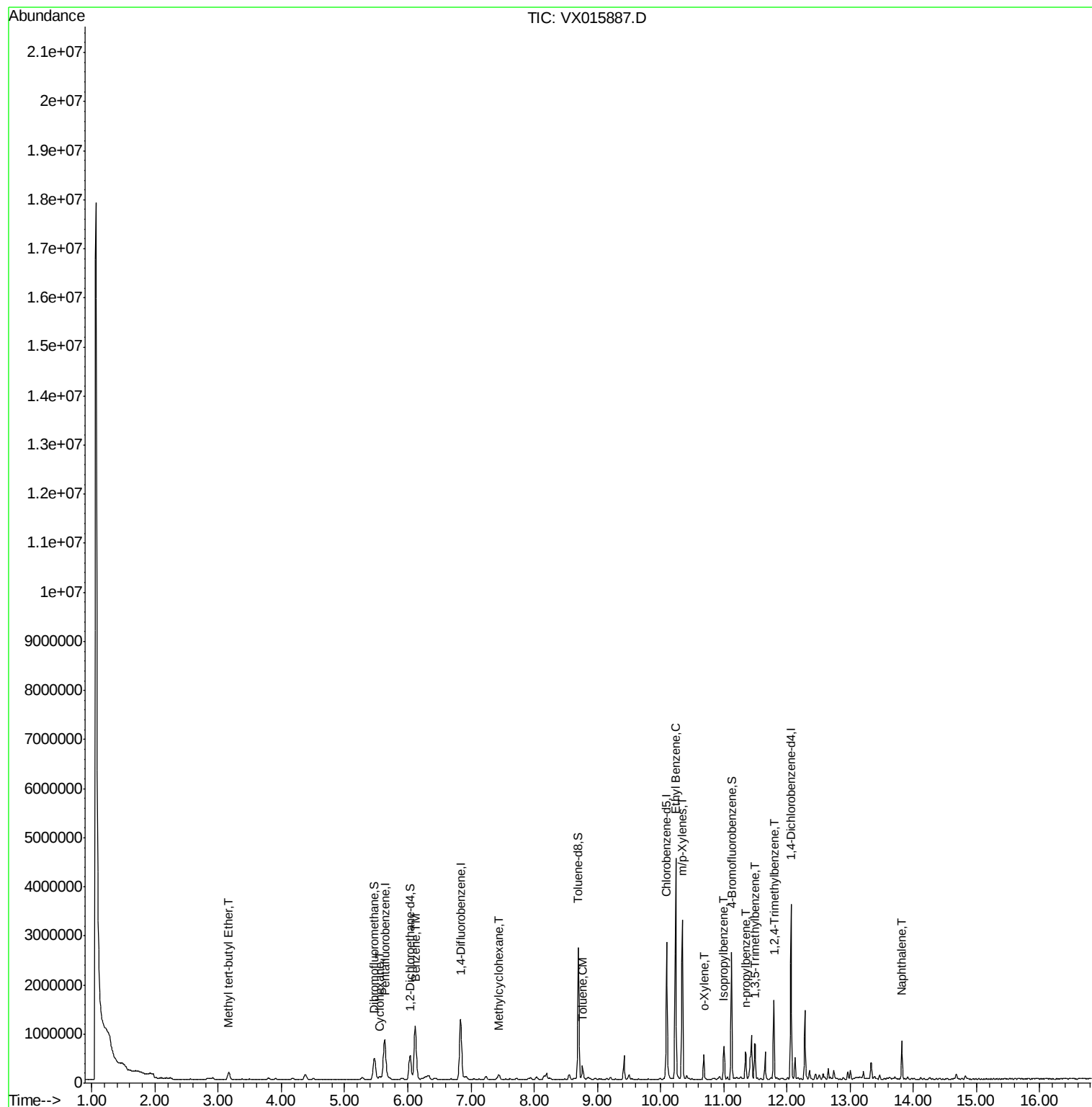
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	3.17	73	145265	5.554	ug/l #	87
31) Cyclohexane	5.56	56	47389	3.372	ug/l #	88
39) Methylcyclohexane	7.44	83	37221	2.566	ug/l	94
40) Benzene	6.12	78	1320515	38.272	ug/l	100
52) Toluene	8.77	92	102202	4.621	ug/l	98
67) Ethyl Benzene	10.24	91	2658730	59.813	ug/l	100
68) m/p-Xylenes	10.34	106	749694	44.933	ug/l	99
69) o-Xylene	10.68	106	106285	6.473	ug/l	99
73) Isopropylbenzene	11.00	105	359113	7.790	ug/l	100
78) n-propylbenzene	11.34	91	330322	6.255	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	325650	8.285	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	723217	17.723	ug/l	99
95) Naphthalene	13.82	128	471855	9.492	ug/l	99

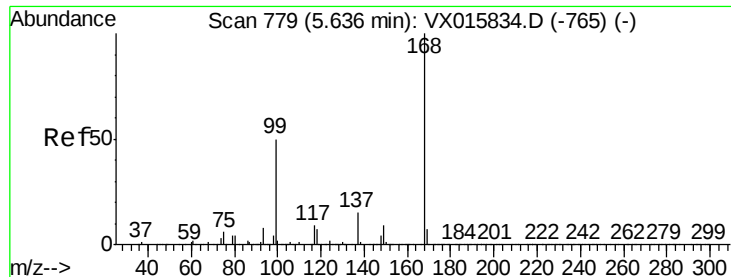
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042320\
Data File : VX015887.D
Acq On : 23 Apr 2020 14:00
Operator : JC/SP
Sample : L2380-10DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421DL

Quant Time: Apr 24 04:47:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

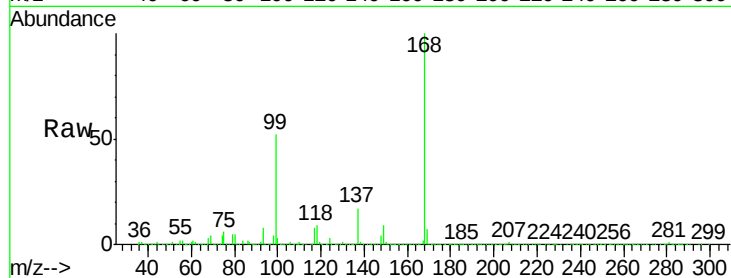
KY001MW022-200421DL

Tot Ion:168 Resp: 845835

Ion Ratio Lower Upper

168 100

99 51.9 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

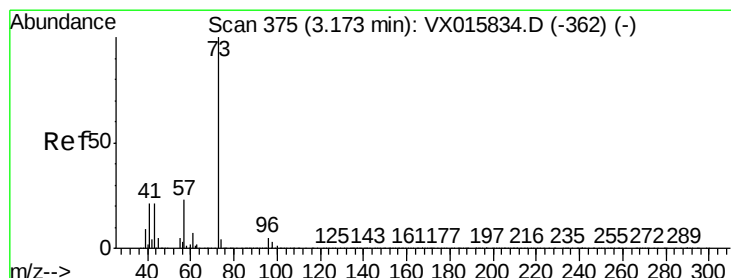
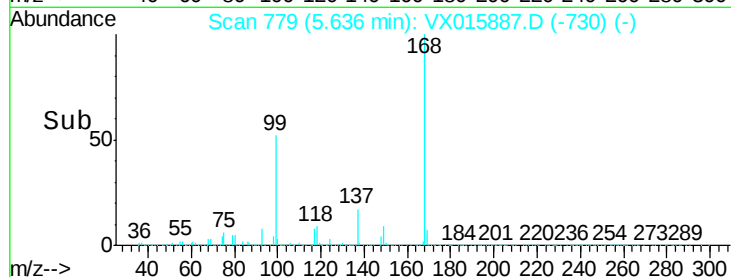
300000

200000

100000

0

Time-->



#19

Methyl tert-butyl Ether

Concen: 5.554 ug/l

RT: 3.17 min Scan# 375

Delta R.T. -0.00 min

Lab File: VX015887.D

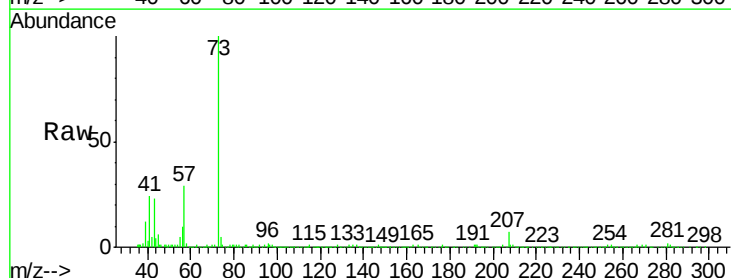
Acq: 23 Apr 2020 14:00

Tgt Ion: 73 Resp: 145265

Ion Ratio Lower Upper

73 100

57 28.9 18.1 27.1#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.17

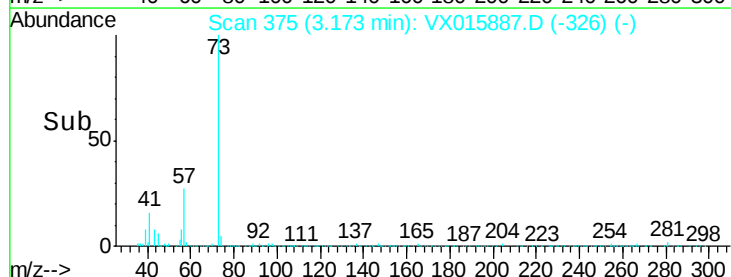
60000

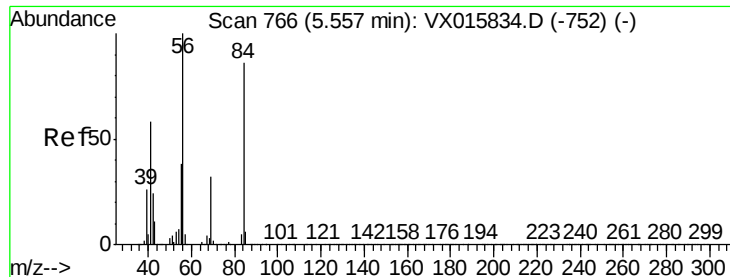
40000

20000

0

Time-->





#31

Cyclohexane

Concen: 3.372 ug/l

RT: 5.56 min Scan# 766

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421DL

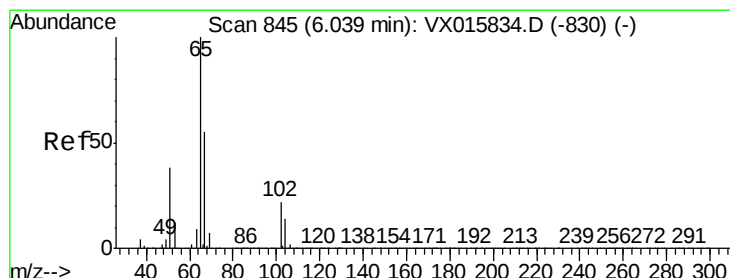
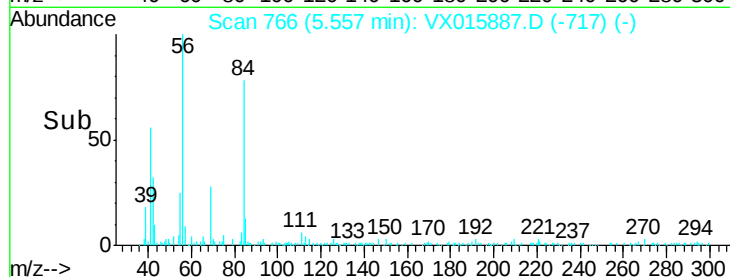
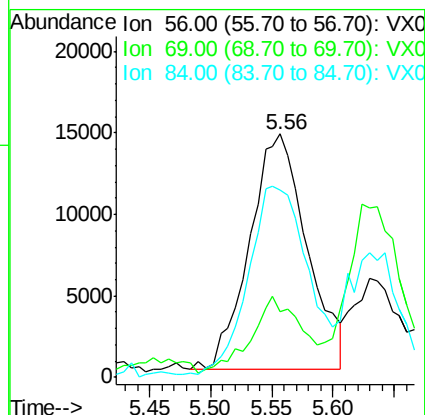
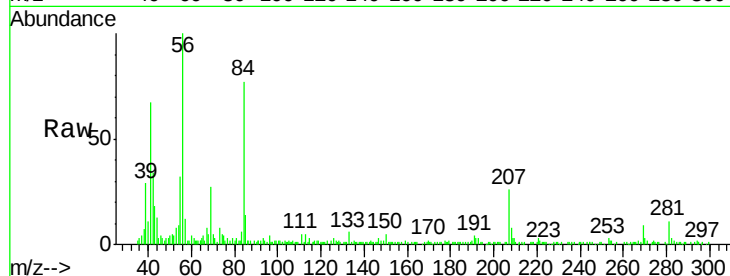
Tot Ion: 56 Resp: 47389

Ion Ratio Lower Upper

56 100

69 21.4 25.3 37.9#

84 77.8 69.1 103.7



#33

1,2-Dichloroethane-d4

Concen: 49.070 ug/l

RT: 6.04 min Scan# 845

Delta R.T. -0.00 min

Lab File: VX015887.D

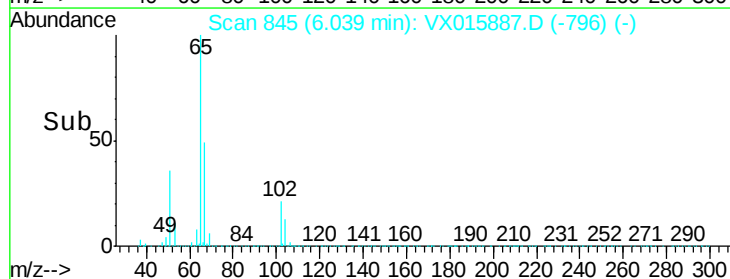
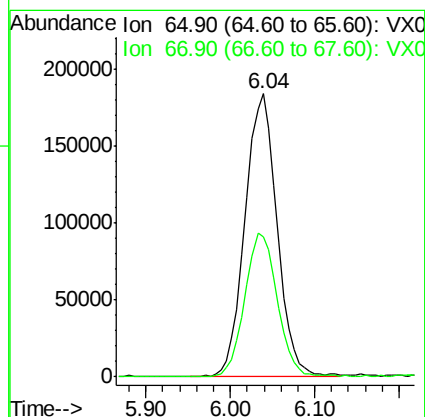
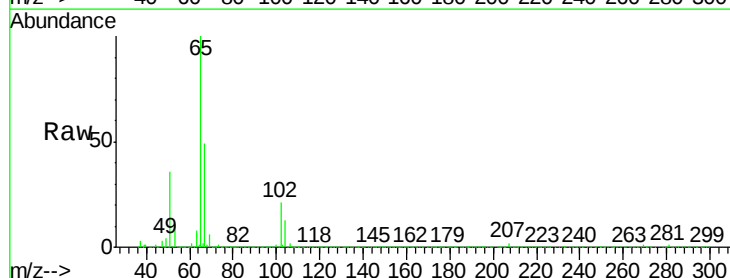
Acq: 23 Apr 2020 14:00

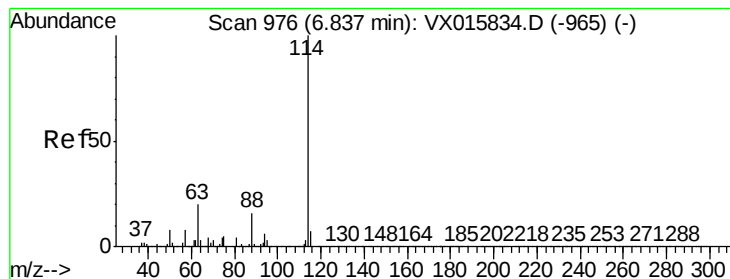
Tgt Ion: 65 Resp: 472063

Ion Ratio Lower Upper

65 100

67 50.7 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: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421DL

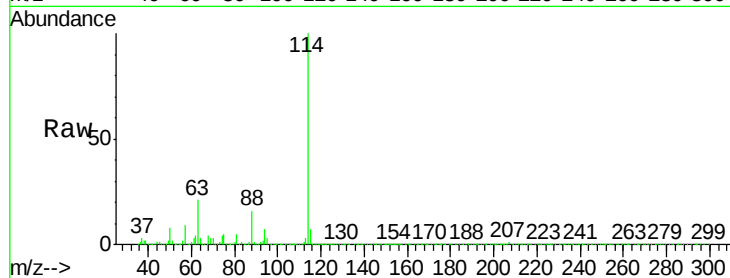
Tot Ion:114 Resp: 1292245

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

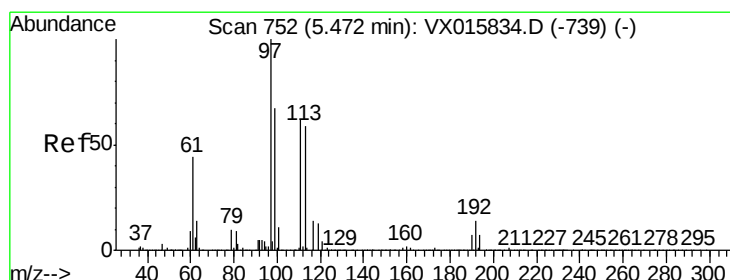
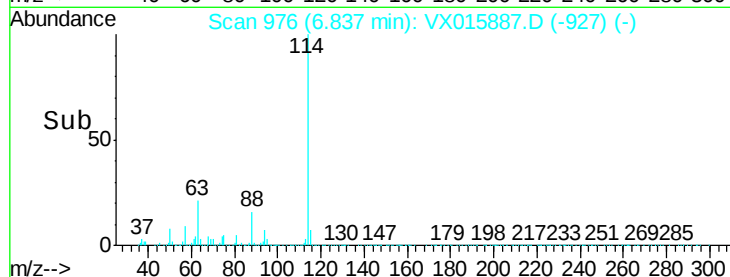
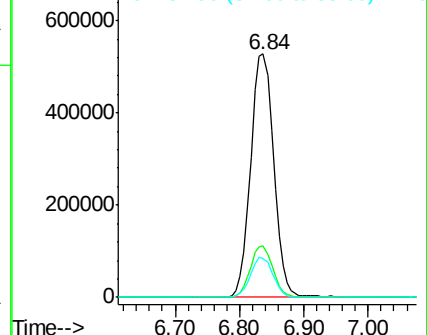
88 16.0 0.0 32.8



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: 49.890 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

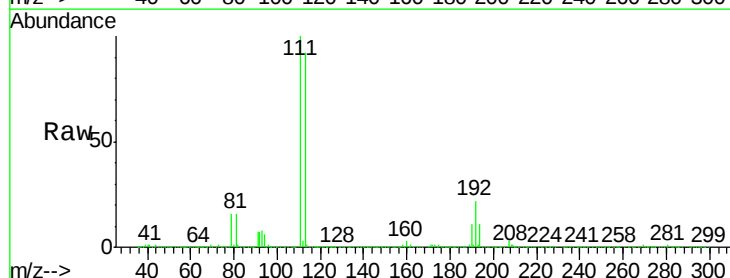
Tgt Ion:113 Resp: 372134

Ion Ratio Lower Upper

113 100

111 104.8 82.7 124.1

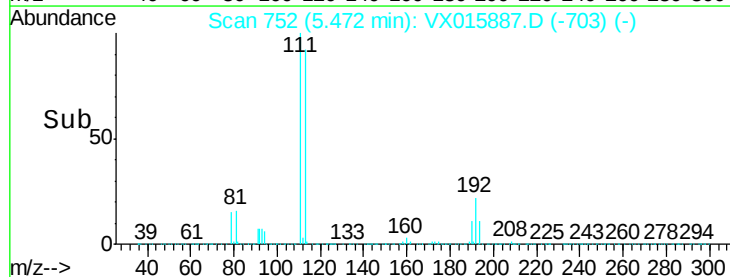
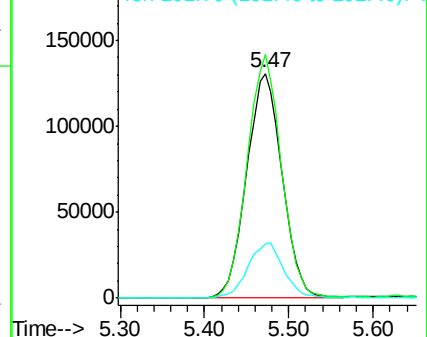
192 24.7 19.3 28.9

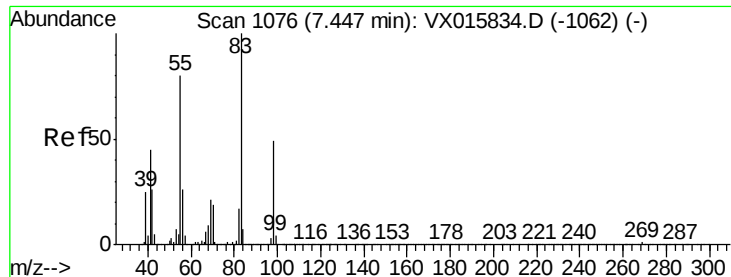


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

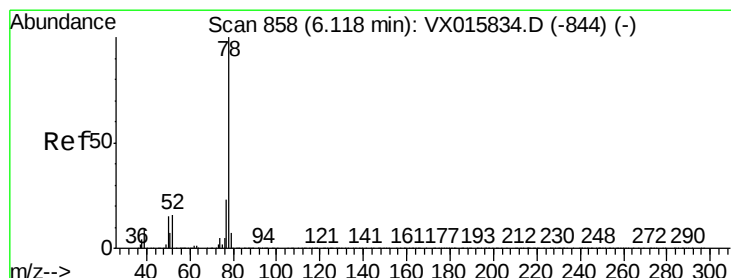
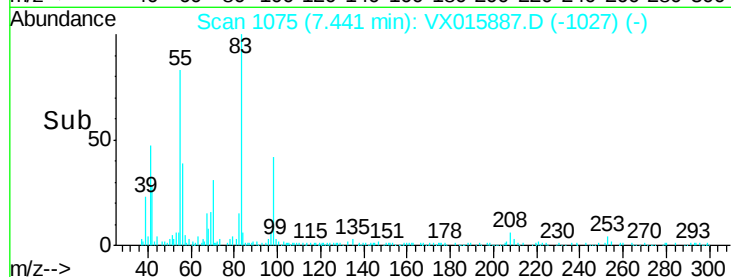
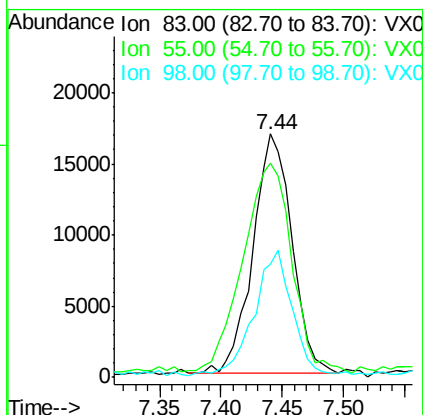
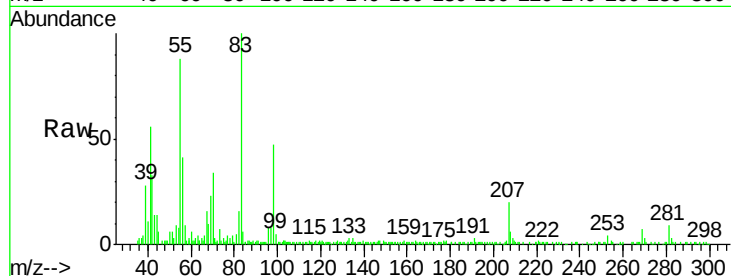




#39
Methvlcvclohexane
Concen: 2.566 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015887.D
Acq: 23 Apr 2020 14:00

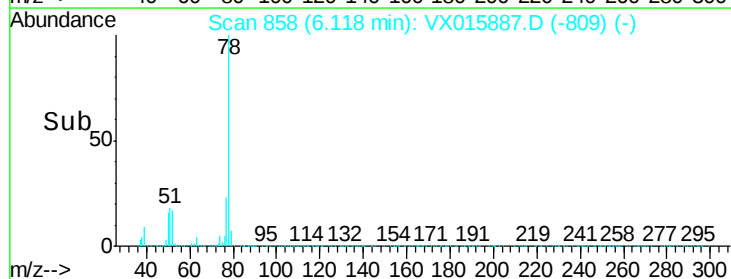
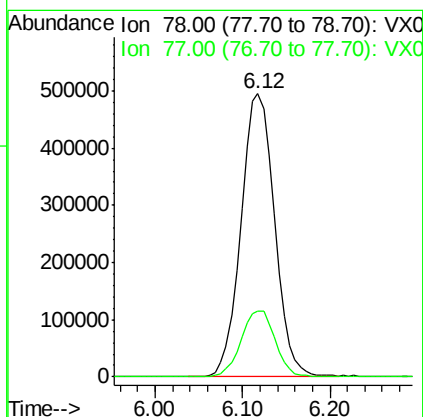
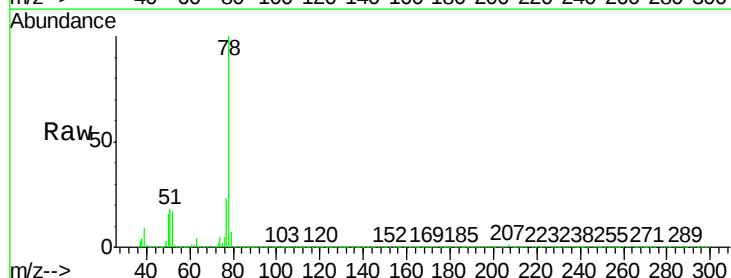
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421DL

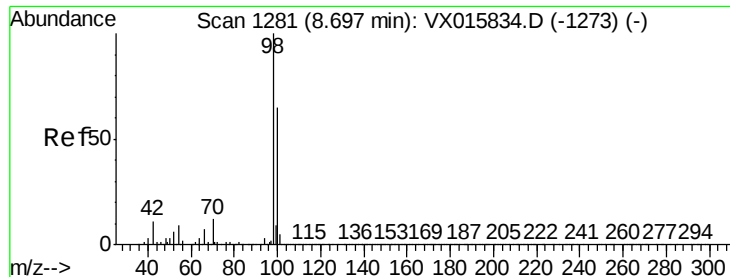
Tot Ion	83.00	Resp	37221
Ion	Ratio	Lower	Upper
83	100		
55	86.4	64.2	96.4
98	46.6	39.3	58.9



#40
Benzene
Concen: 38.272 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015887.D
Acq: 23 Apr 2020 14:00

Tgt Ion	78.00	Resp	1320515
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8





#50

Toluene-d8

Concen: 52.075 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

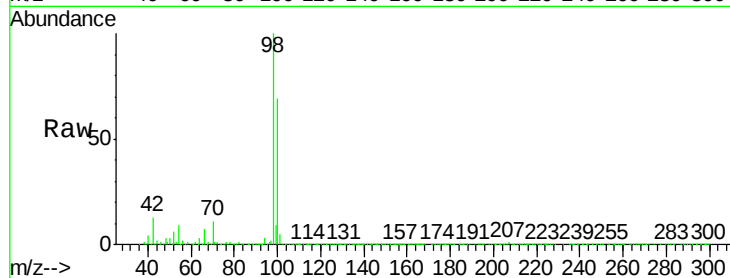
KY001MW022-200421DL

Tot Ion: 98 Resp: 1563706

Ion Ratio Lower Upper

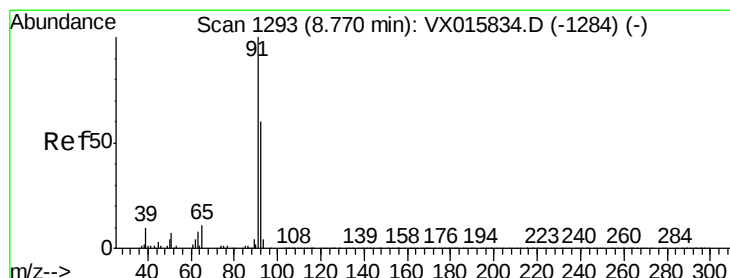
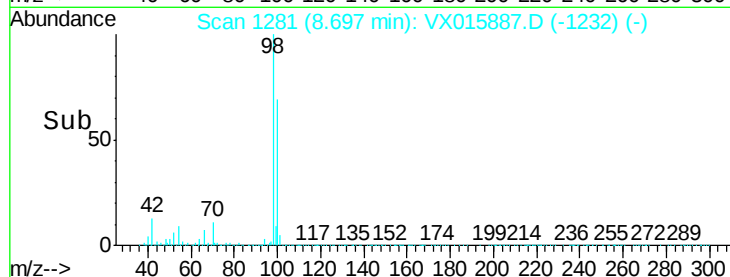
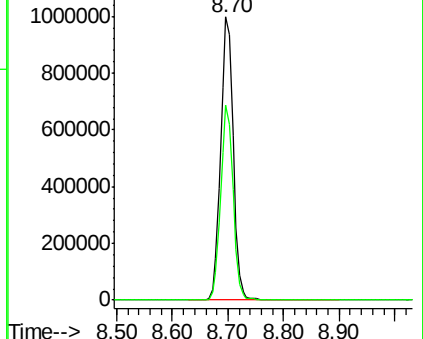
98 100

100 67.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 4.621 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015887.D

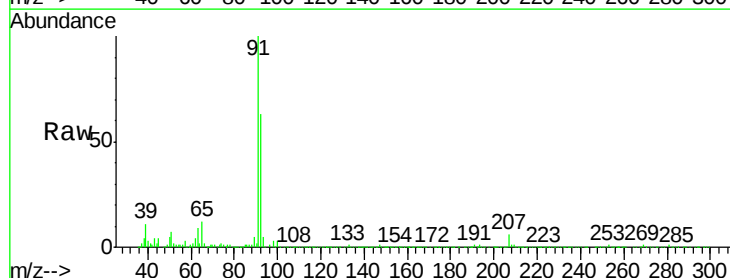
Acq: 23 Apr 2020 14:00

Tgt Ion: 92 Resp: 102202

Ion Ratio Lower Upper

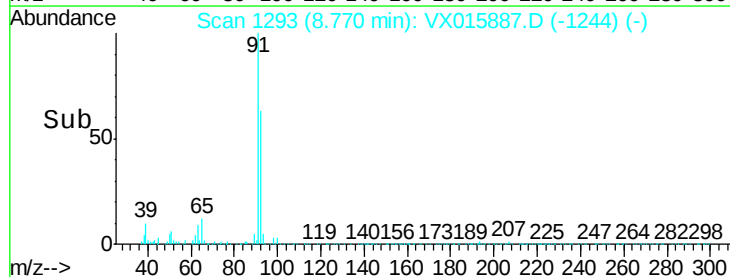
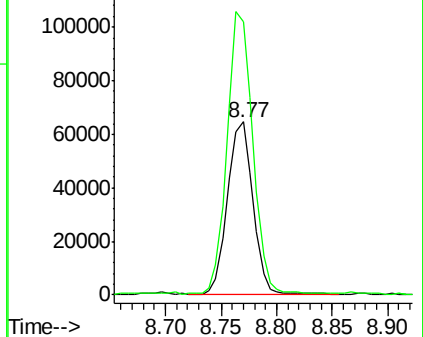
92 100

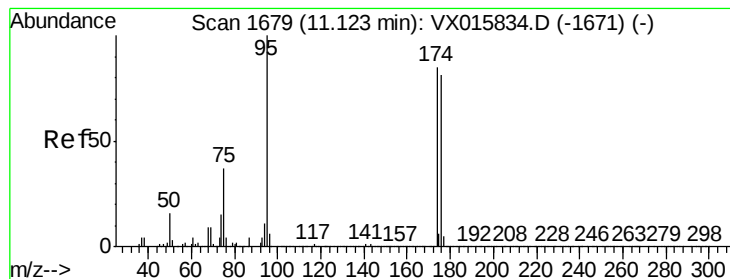
91 163.8 133.4 200.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.693 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

KY001MW022-200421DL

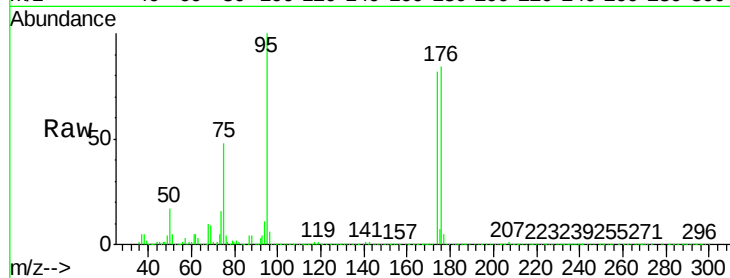
Tot Ion: 95 Resp: 673718

Ion Ratio Lower Upper

95 100

174 86.4 0.0 172.4

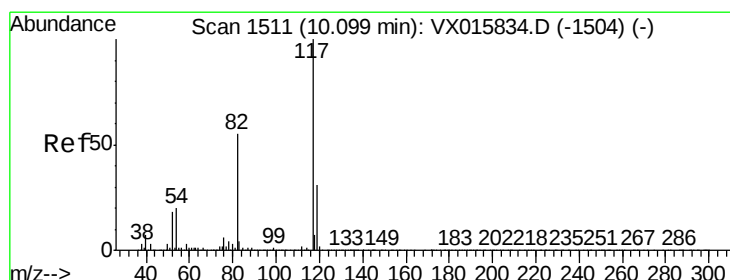
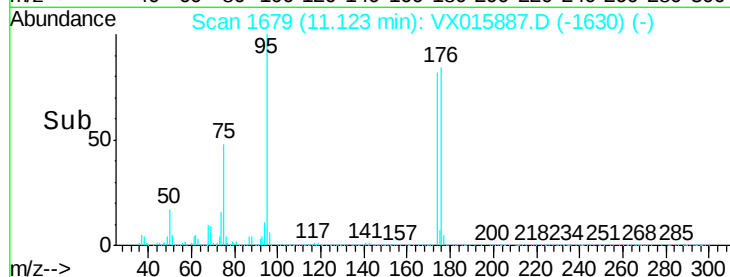
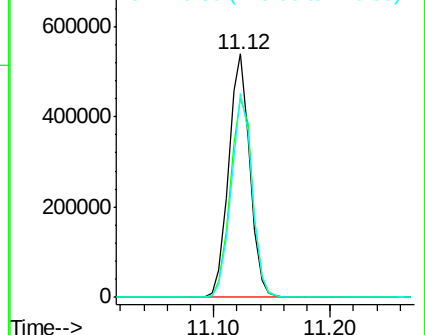
176 83.4 0.0 167.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

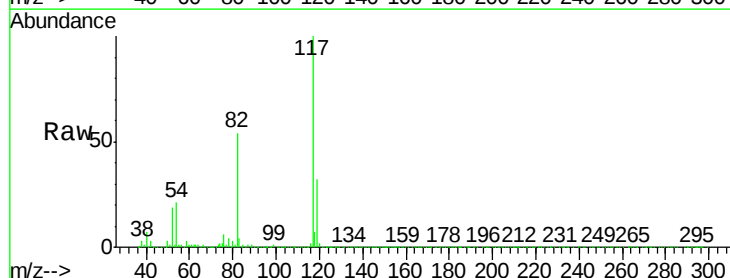
Tgt Ion: 117 Resp: 1265817

Ion Ratio Lower Upper

117 100

82 54.2 43.9 65.9

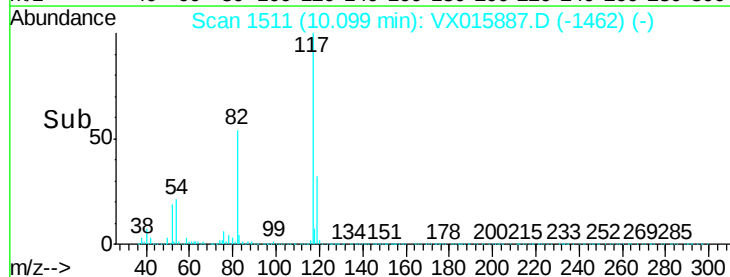
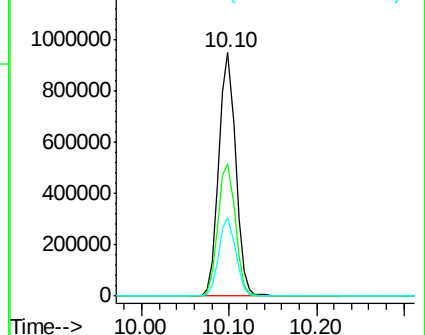
119 32.2 25.1 37.7

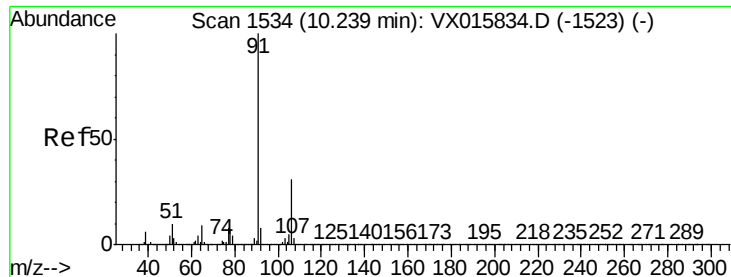


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 59.813 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

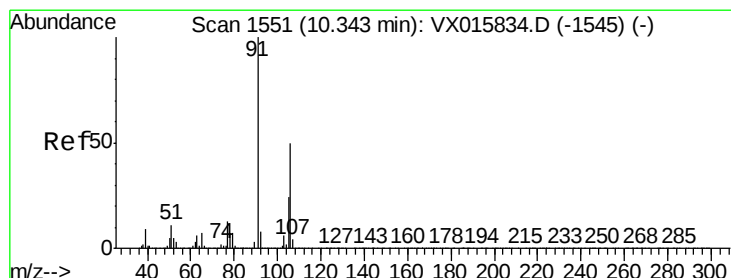
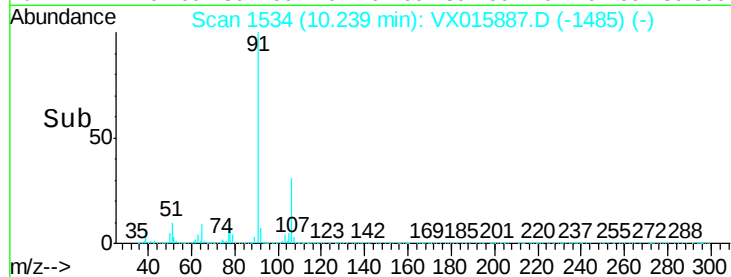
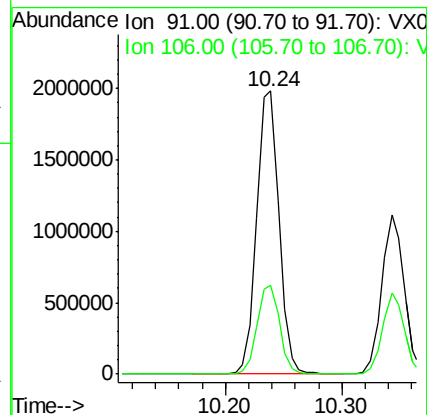
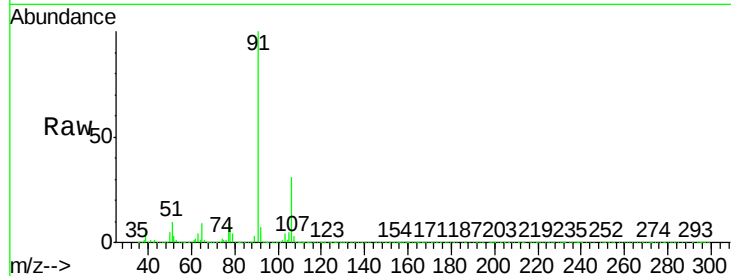
KY001MW022-200421DL

Tot Ion: 91 Resp: 2658730

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 44.933 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015887.D

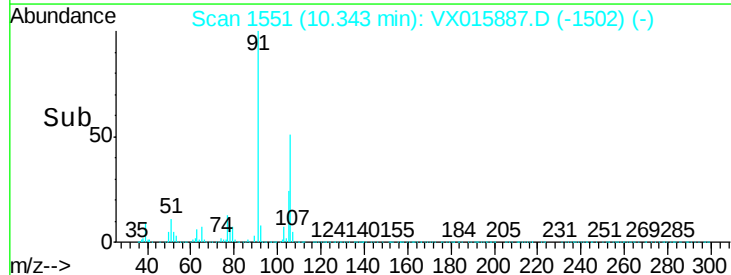
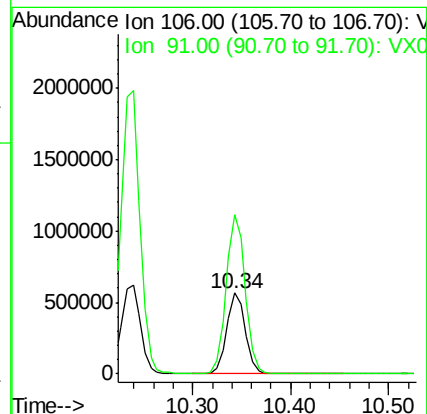
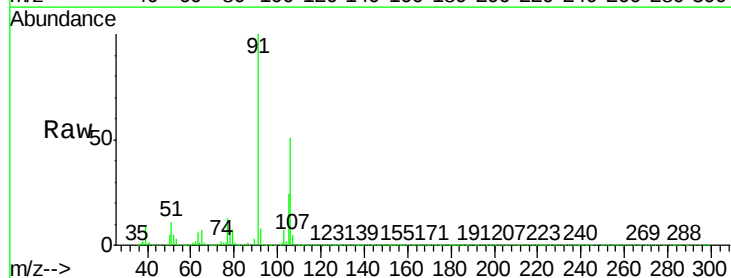
Acq: 23 Apr 2020 14:00

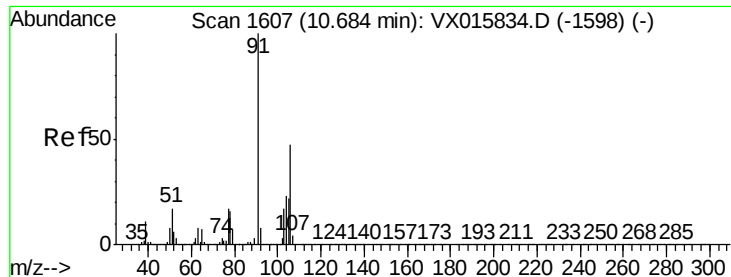
Tgt Ion: 106 Resp: 749694

Ion Ratio Lower Upper

106 100

91 199.6 161.1 241.7

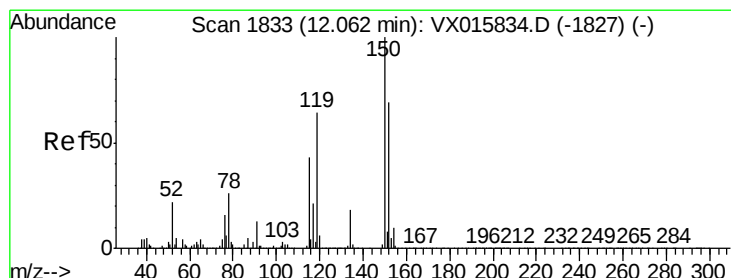
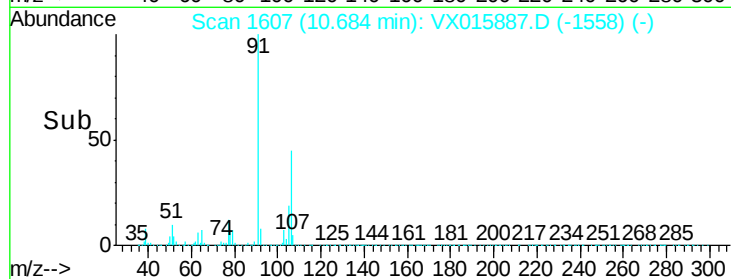
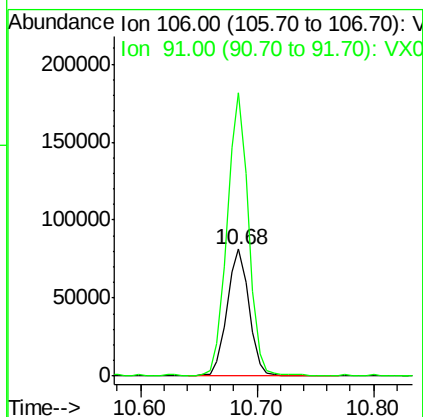
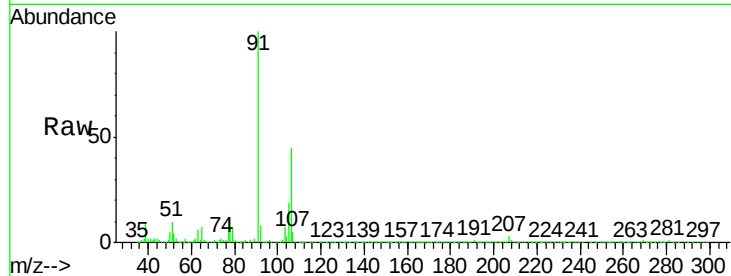




#69
o-Xylene
Concen: 6.473 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015887.D
Acq: 23 Apr 2020 14:00

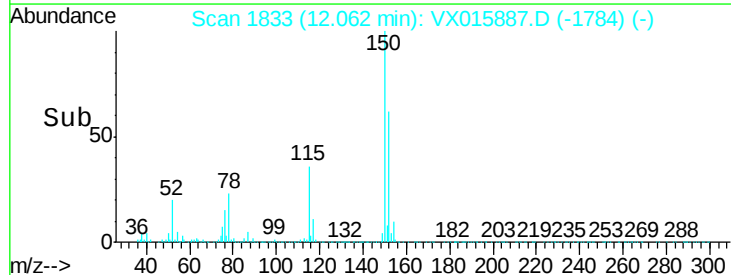
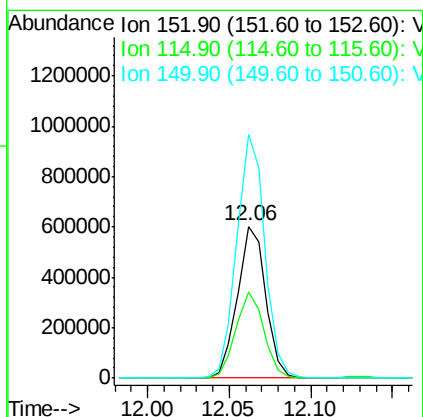
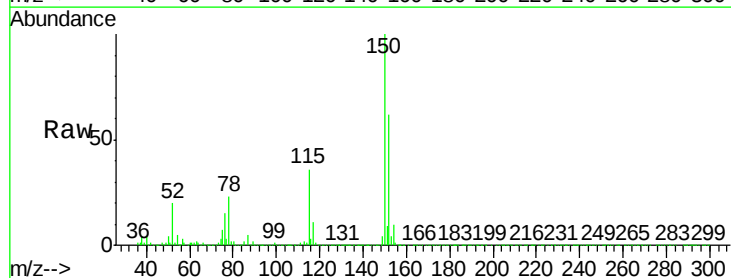
Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421DL

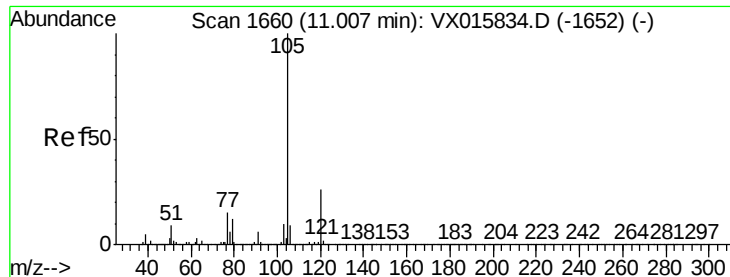
Tot Ion:106 Resp: 106285
Ion Ratio Lower Upper
106 100
91 216.4 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015887.D
Acq: 23 Apr 2020 14:00

Tgt Ion:152 Resp: 725829
Ion Ratio Lower Upper
152 100
115 56.4 39.0 116.9
150 159.2 0.0 336.8





#73

Isopropylbenzene

Concen: 7.790 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015887.D

Acq: 23 Apr 2020 14:00

Instrument :

MSVOA_X

ClientSampleId :

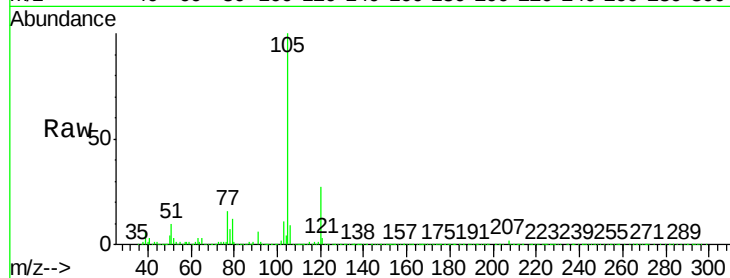
KY001MW022-200421DL

Tot Ion:105 Resp: 359113

Ion Ratio Lower Upper

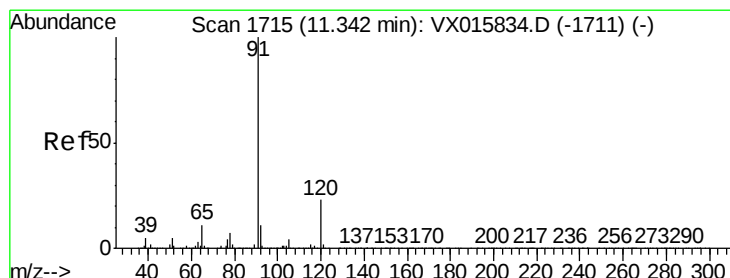
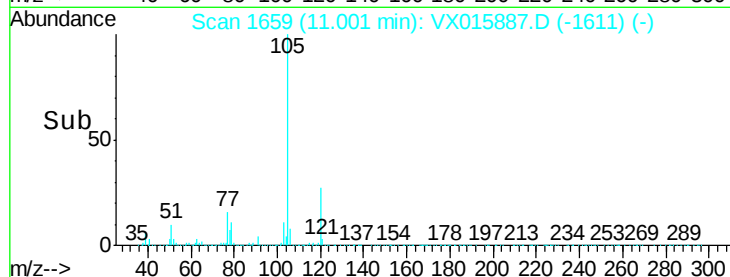
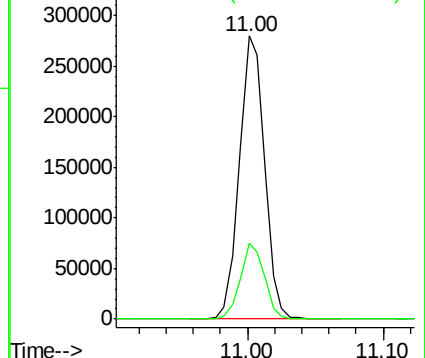
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 6.255 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015887.D

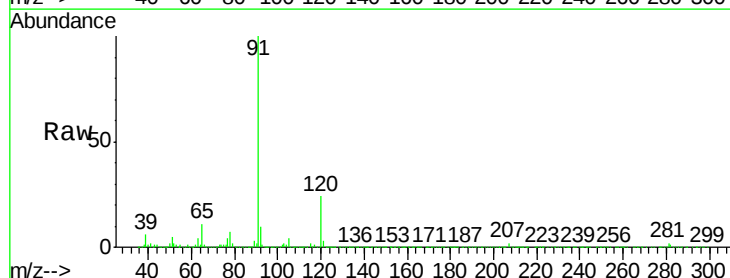
Acq: 23 Apr 2020 14:00

Tgt Ion: 91 Resp: 330322

Ion Ratio Lower Upper

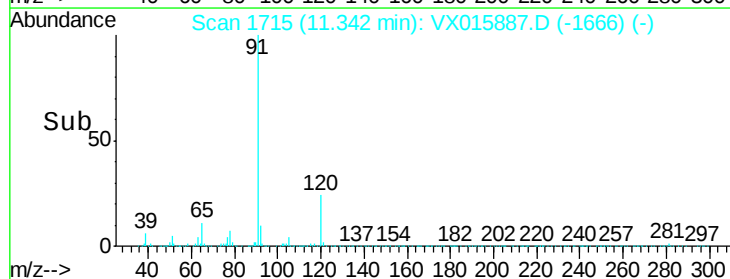
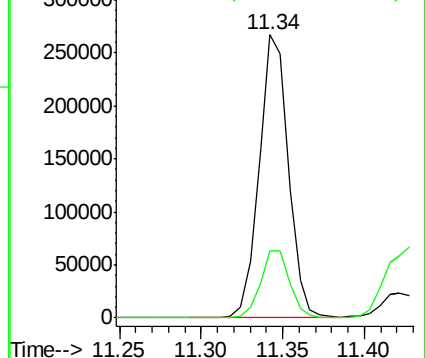
91 100

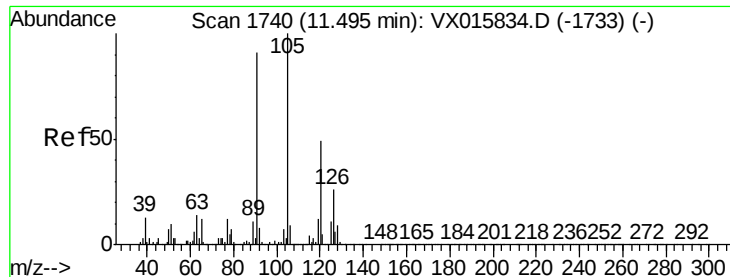
120 23.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

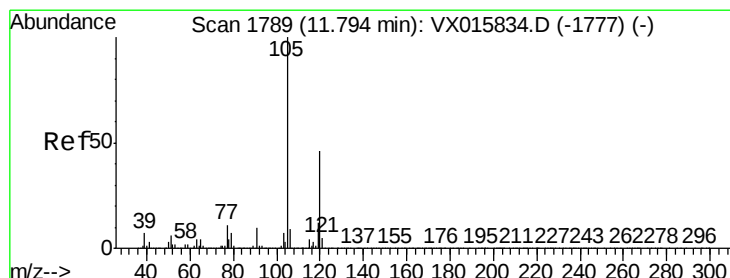
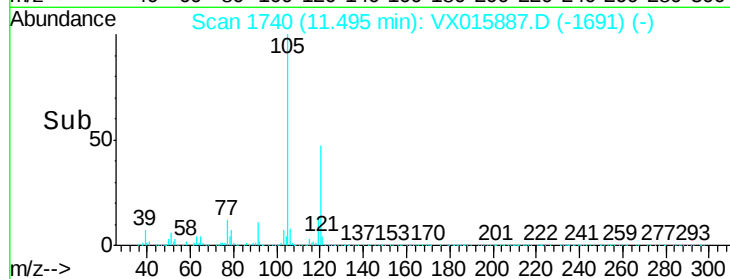
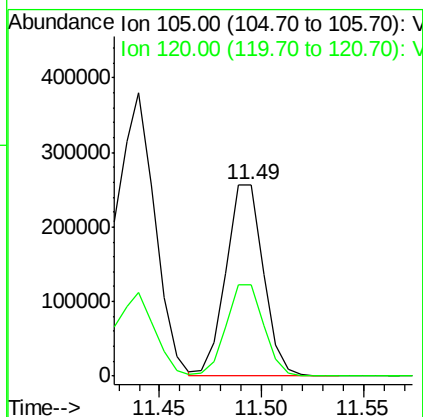
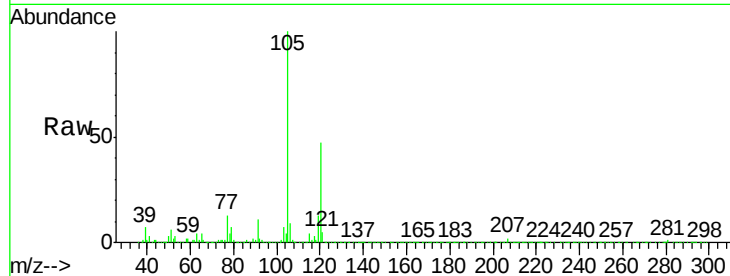




#80
 1,3,5-Trimethylbenzene
 Concen: 8.285 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015887.D
 Acq: 23 Apr 2020 14:00

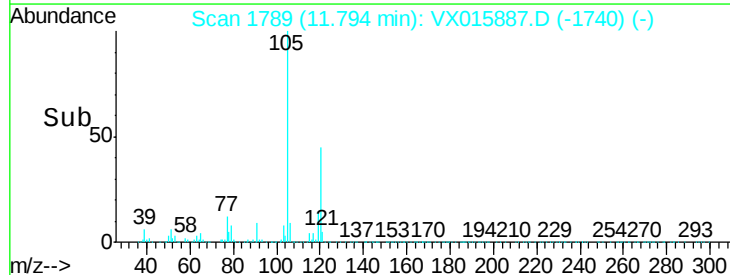
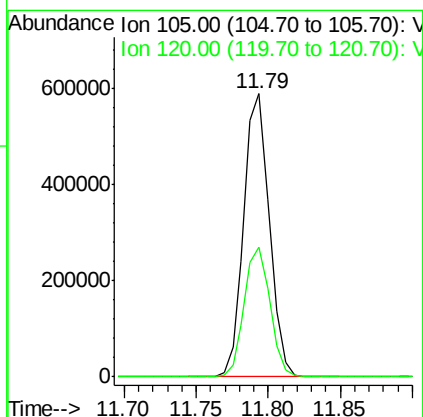
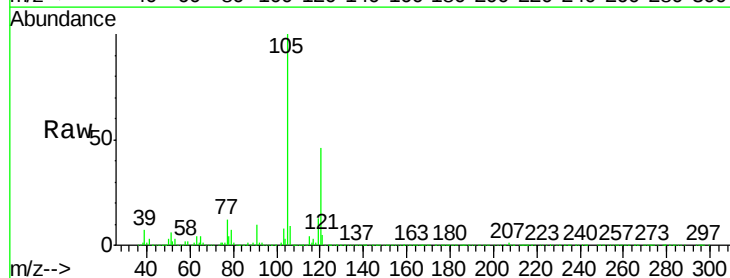
Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW022-200421DL

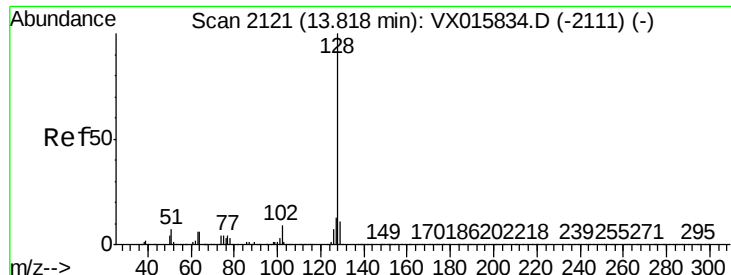
Tot Ion:105 Resp: 325650
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 17.723 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015887.D
 Acq: 23 Apr 2020 14:00

Tgt Ion:105 Resp: 723217
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.7





#95
Naphthalene
Concen: 9.492 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015887.D
Acq: 23 Apr 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
KY001MW022-200421DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.9	8.5	12.7

