

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072820\
 Data File : VX017653.D
 Acq On : 28 Jul 2020 15:09
 Operator : JC/SP
 Sample : L3413-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40956DL

Quant Time: Jul 29 04:02:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	532793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	883426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	927293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	531337	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	359941	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.18%		
35) Dibromofluoromethane	5.47	113	299880	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.50%		
50) Toluene-d8	8.70	98	1100846	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.30%		
62) 4-Bromofluorobenzene	11.12	95	504206	59.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	118.22%		

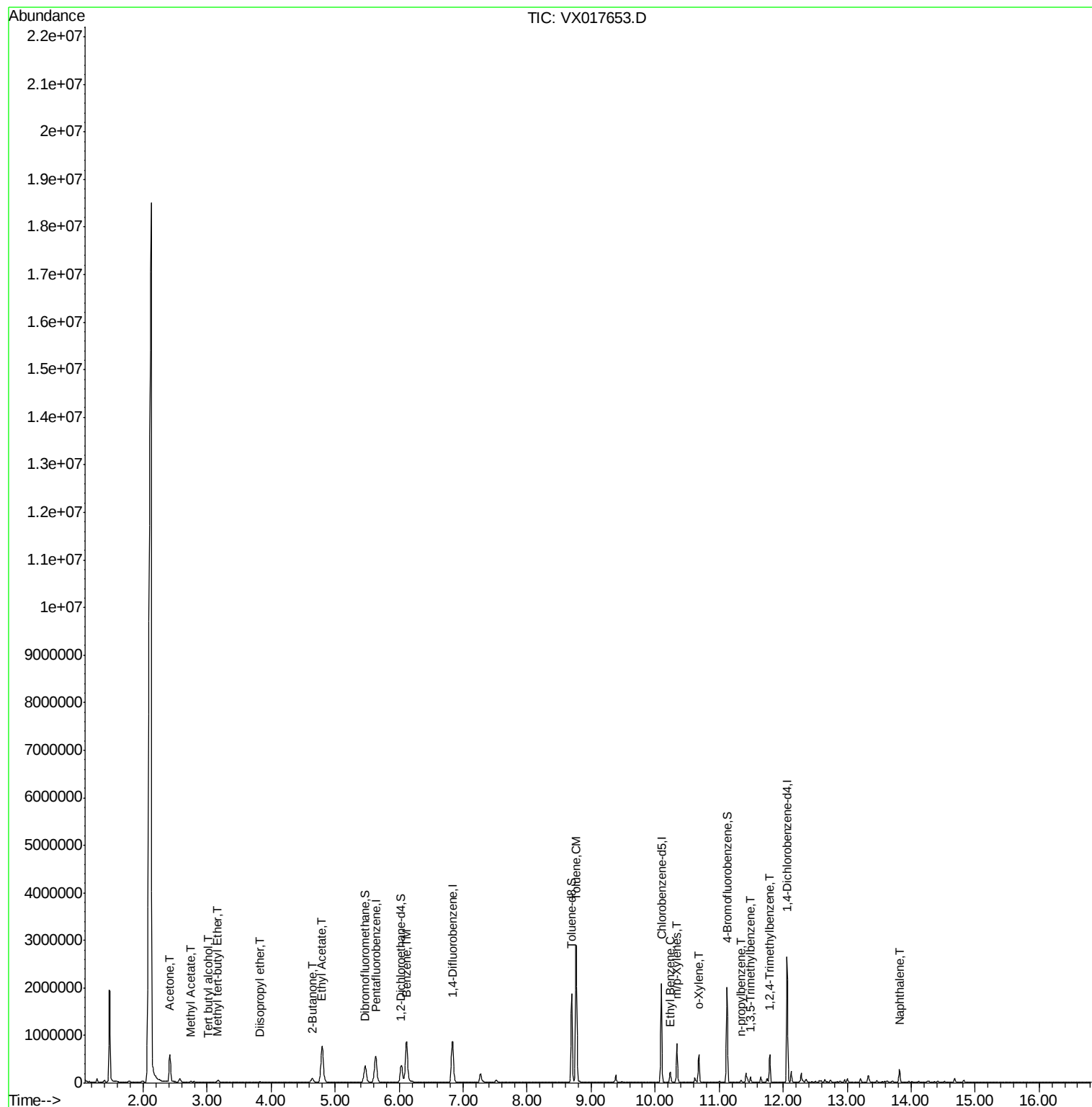
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	9583	6.644	ug/l	95
16) Acetone	2.42	43	602182	199.910	ug/l	95
18) Methyl Acetate	2.75	43	10065	1.419	ug/l #	75
19) Methyl tert-butyl Ether	3.17	73	53613	2.815	ug/l	98
22) Diisopropyl ether	3.82	45	14259	0.776	ug/l #	87
25) 2-Butanone	4.64	43	144776	33.832	ug/l	100
37) Ethyl Acetate	4.79	43	1354726	146.132	ug/l	98
40) Benzene	6.12	78	1034387	42.583	ug/l	99
52) Toluene	8.77	92	1088970	69.902	ug/l	99
67) Ethyl Benzene	10.24	91	126281	3.769	ug/l	97
68) m/p-Xylenes	10.34	106	183159	14.111	ug/l	94
69) o-Xylene	10.68	106	119427	9.567	ug/l	97
78) n-propylbenzene	11.35	91	20560	0.500	ug/l	88
80) 1,3,5-Trimethylbenzene	11.49	105	46130	1.482	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	244998	7.915	ug/l	99
95) Naphthalene	13.82	128	157495	4.488	ug/l	98

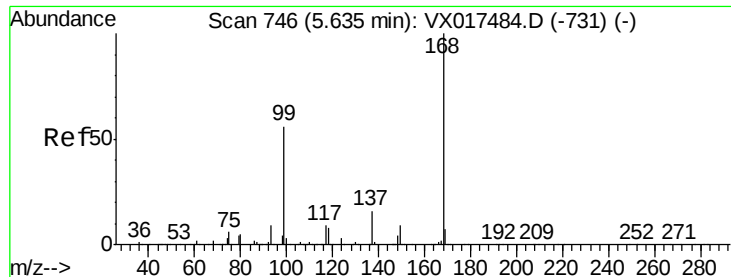
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX072820\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

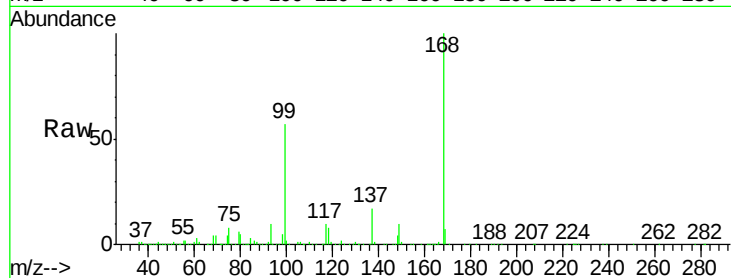
40956DL

Tgt Ion:168 Resp: 532793

Ion Ratio Lower Upper

168 100

99 56.4 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

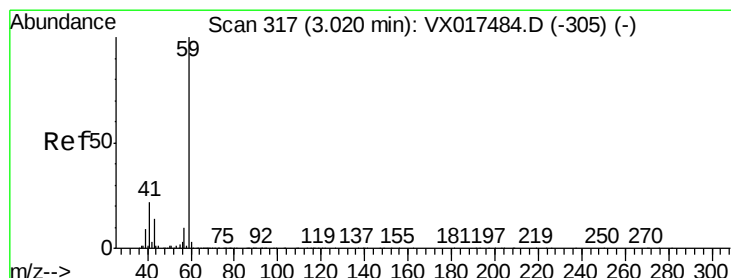
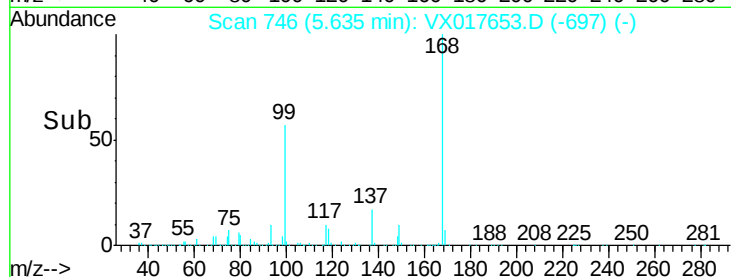
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.644 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017653.D

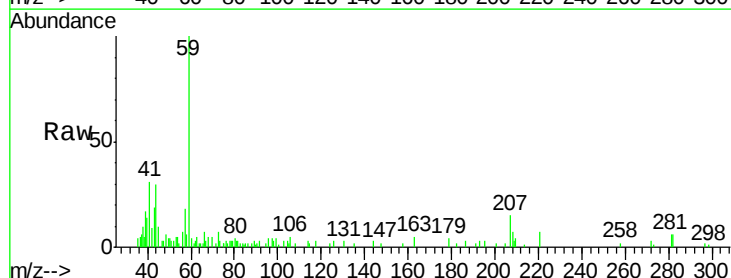
Acq: 28 Jul 2020 15:09

Tgt Ion: 59 Resp: 9583

Ion Ratio Lower Upper

59 100

57 12.4 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

4000

3000

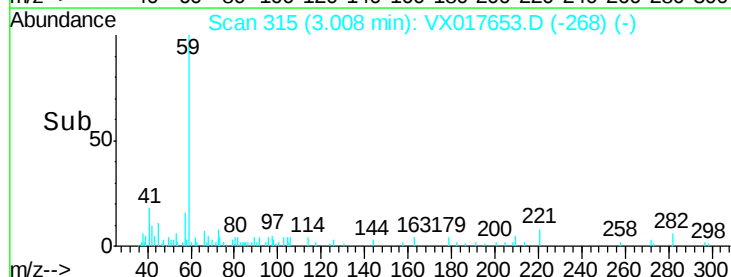
2000

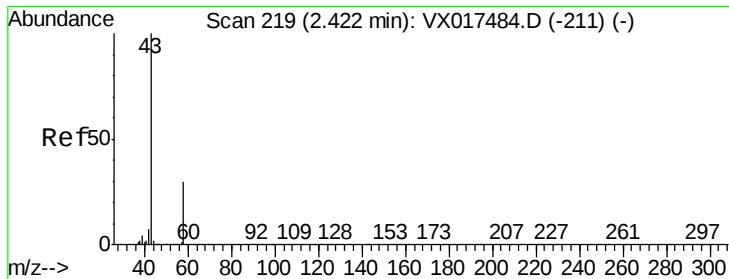
1000

0

Time-->

2.95 3.00 3.05

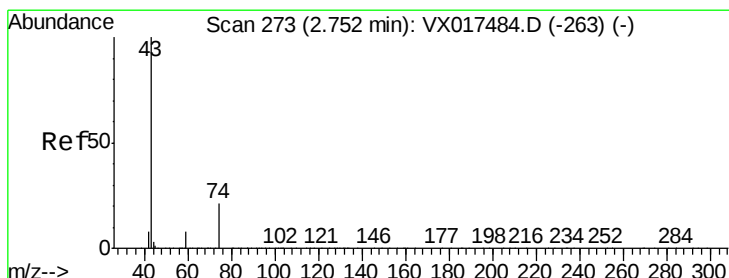
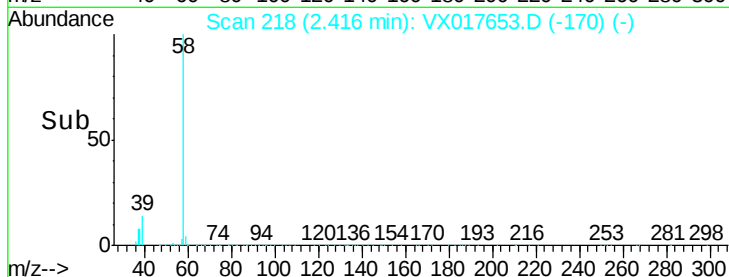
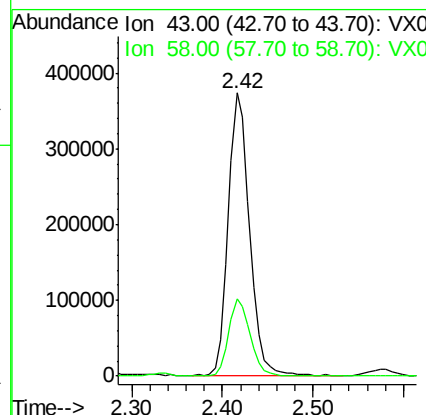
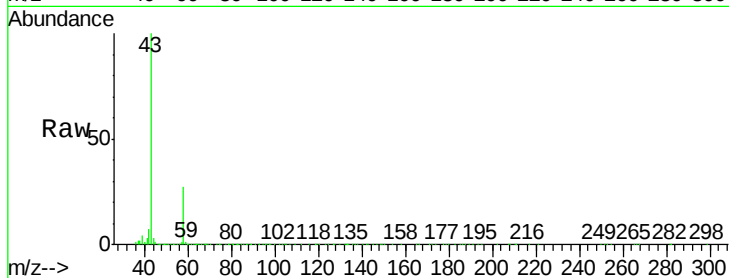




#16
Acetone
Concen: 199.910 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

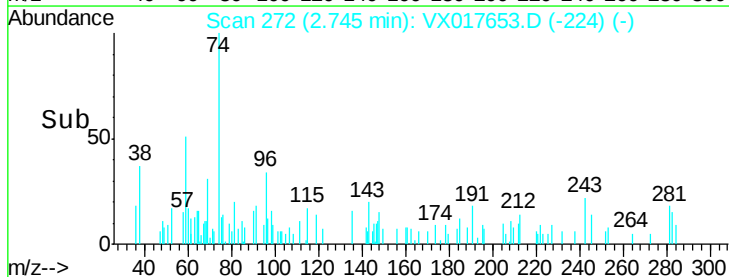
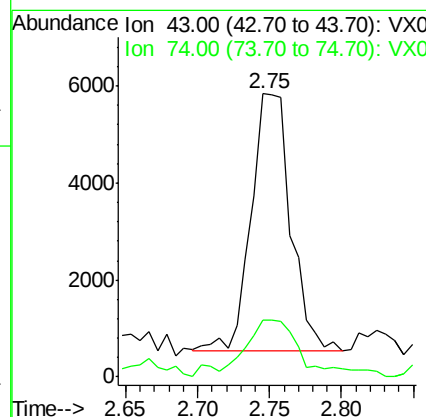
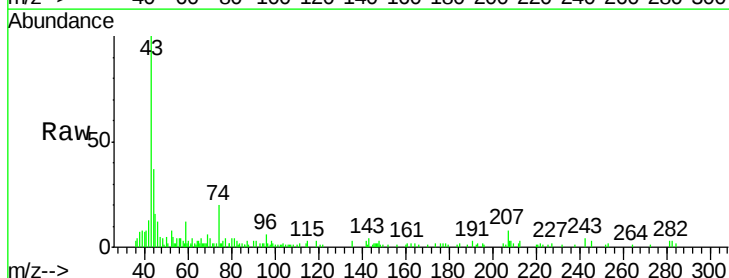
Instrument :
MSVOA_X
ClientSampleId :
40956DL

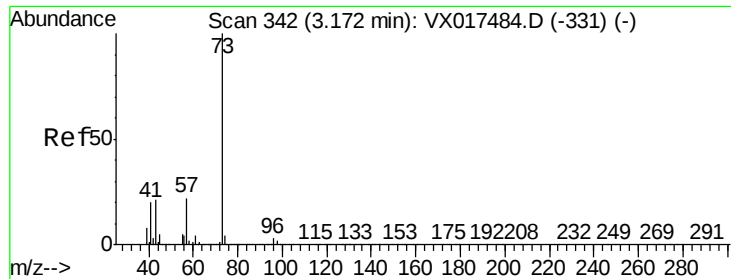
Tgt Ion: 43 Resp: 602182
Ion Ratio Lower Upper
43 100
58 27.3 24.2 36.4



#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 43 Resp: 10065
Ion Ratio Lower Upper
43 100
74 33.6 17.5 26.3#

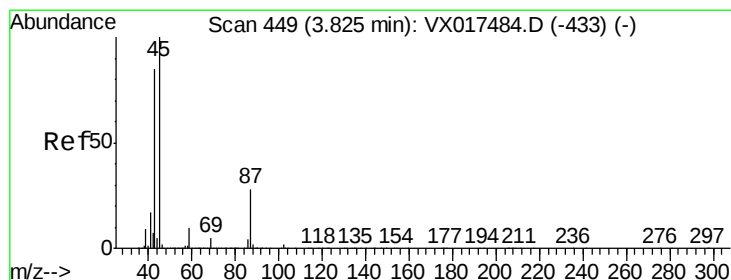
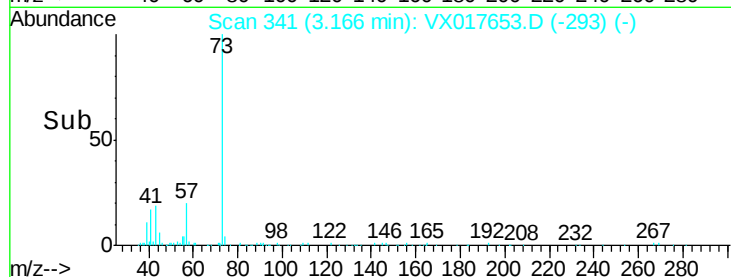
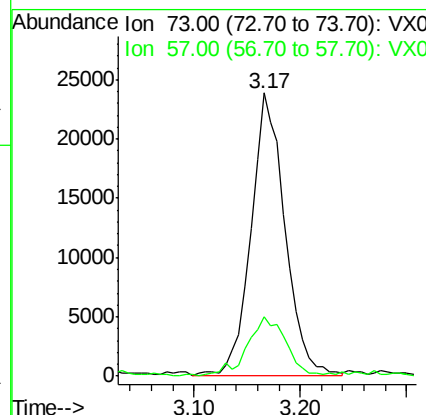
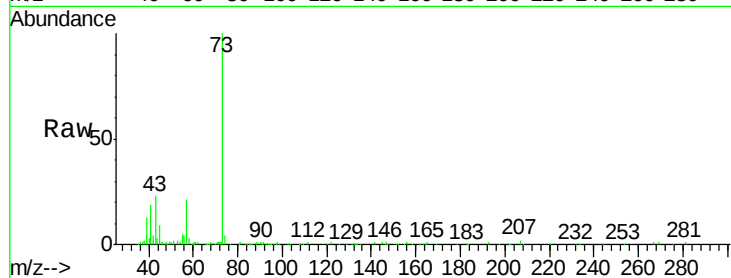




#19
Methyl tert-butyl Ether
Concen: 2.815 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

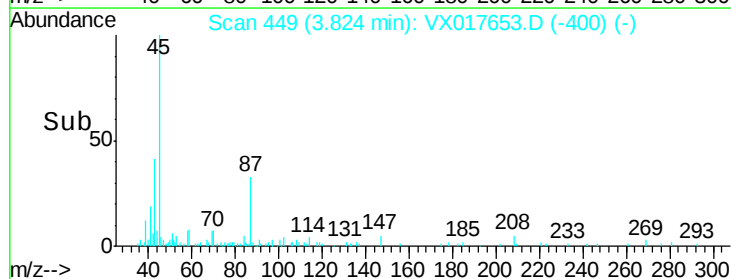
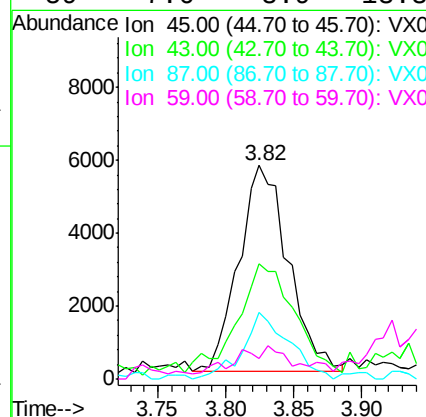
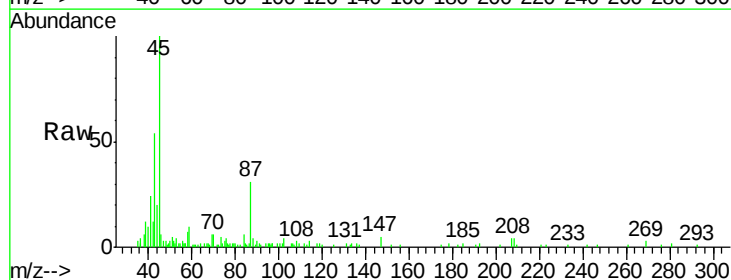
Instrument :
MSVOA_X
ClientSampleId :
40956DL

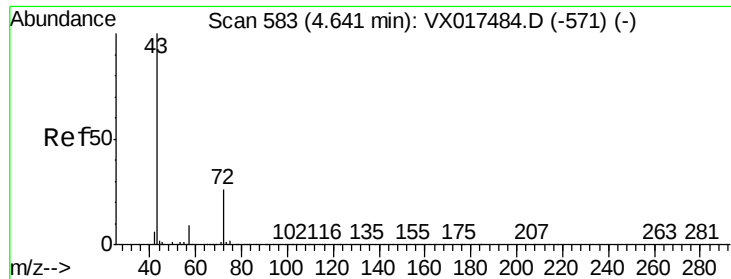
Tgt Ion: 73 Resp: 53613
Ion Ratio Lower Upper
73 100
57 20.4 17.0 25.4



#22
Diisopropyl ether
Concen: 0.776 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 45 Resp: 14259
Ion Ratio Lower Upper
45 100
43 52.8 52.0 78.0
87 32.5 22.2 33.4
59 7.6 8.9 13.3#





#25

2-Butanone

Concen: 33.832 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

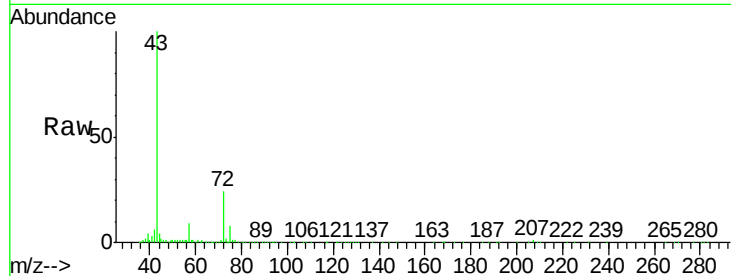
40956DL

Tgt Ion: 43 Resp: 144776

Ion Ratio Lower Upper

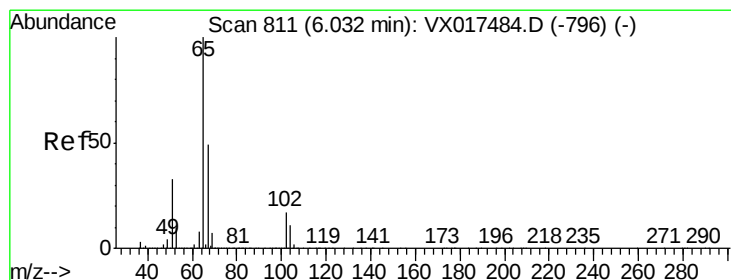
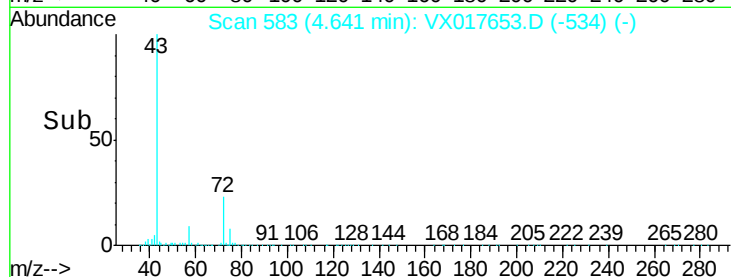
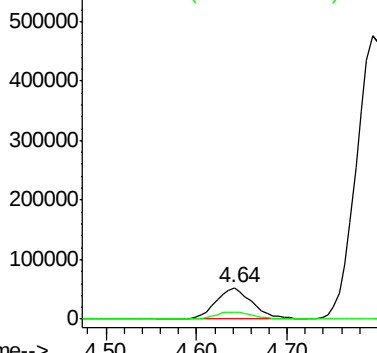
43 100

72 23.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.593 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017653.D

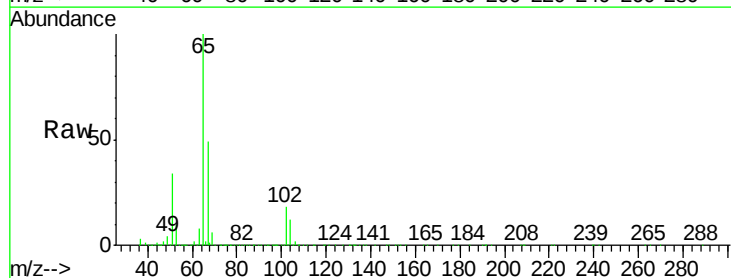
Acq: 28 Jul 2020 15:09

Tgt Ion: 65 Resp: 359941

Ion Ratio Lower Upper

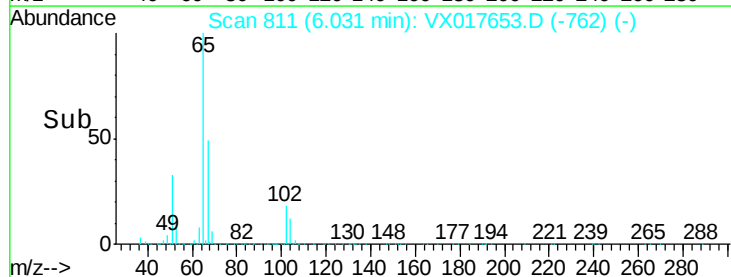
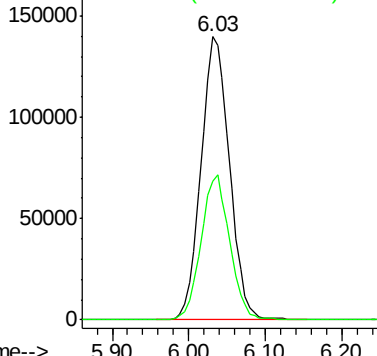
65 100

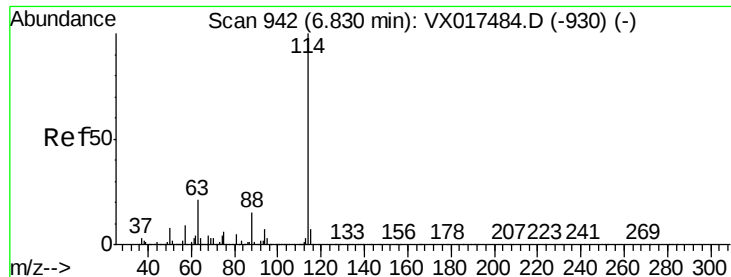
67 51.6 0.0 102.8



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# 943

Delta R.T. 0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

40956DL

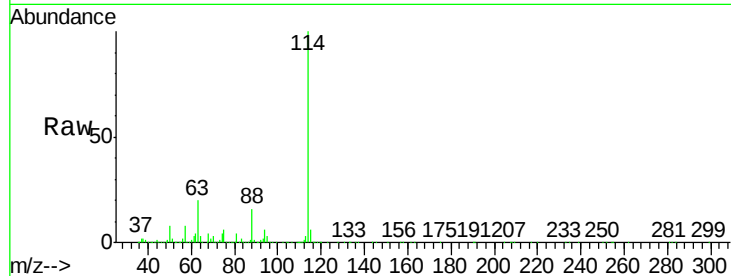
Tgt Ion:114 Resp: 883426

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

88 15.9 0.0 33.4



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

500000

400000

300000

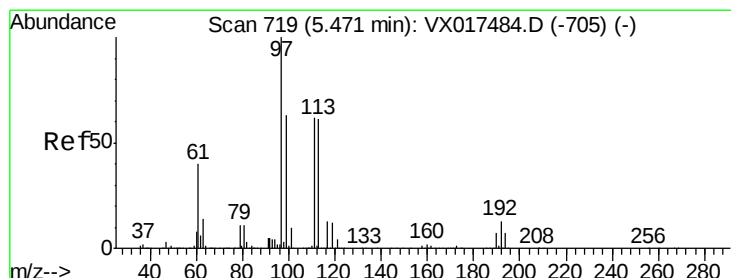
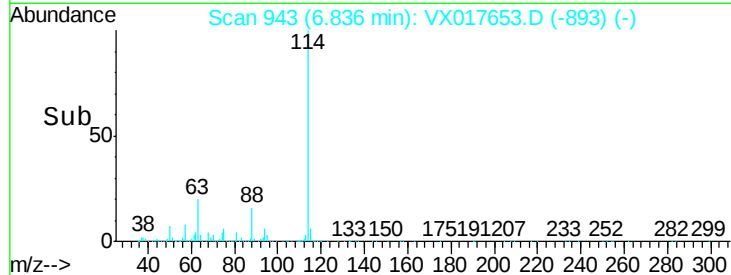
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 50.755 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

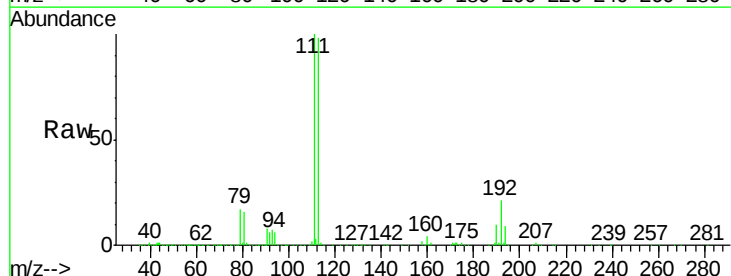
Tgt Ion:113 Resp: 299880

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

192 21.2 16.9 25.3



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

150000

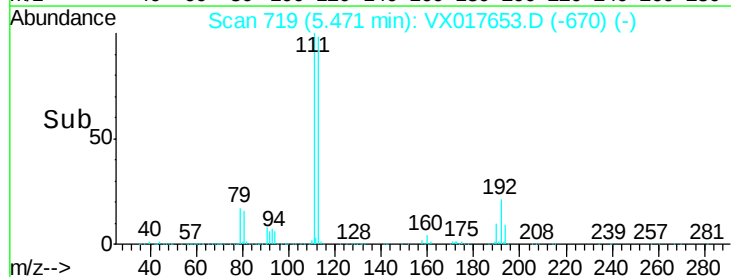
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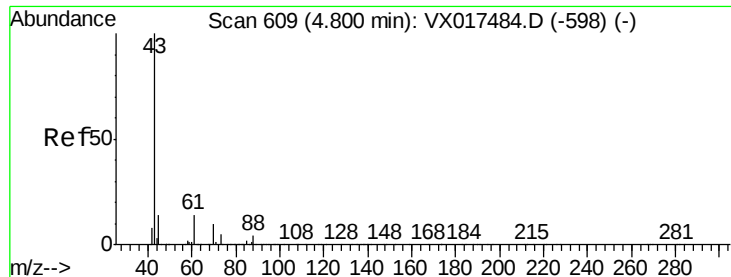
50000

0

5.30 5.40 5.50 5.60

Time-->

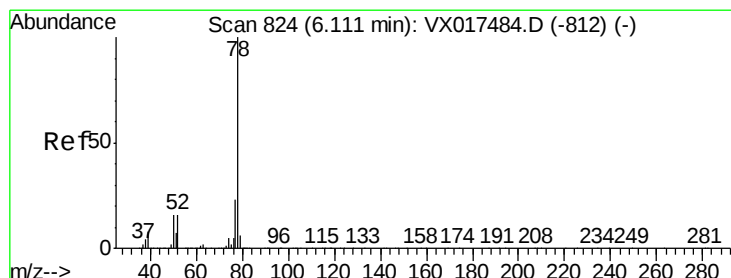
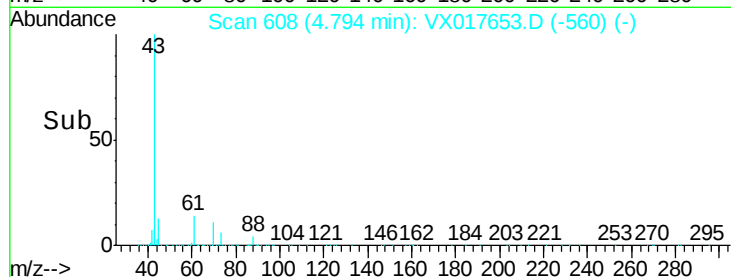
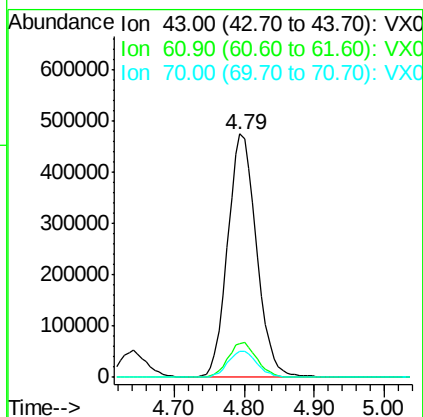
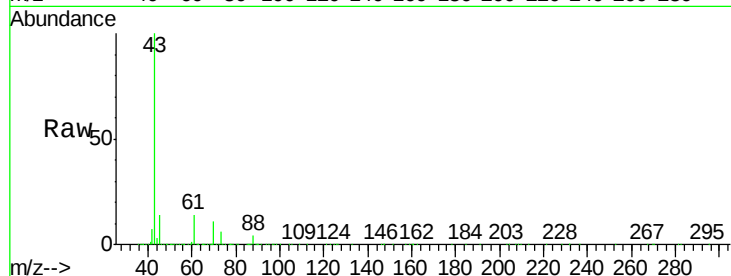




#37
Ethyl Acetate
Concen: 146.132 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

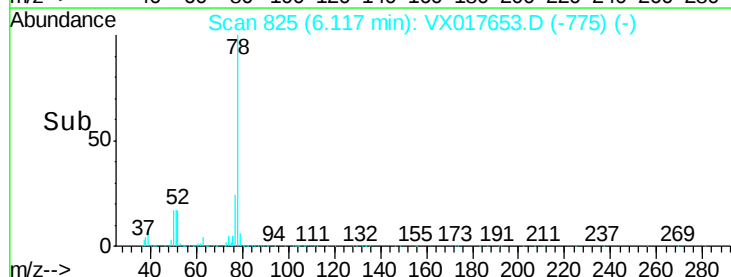
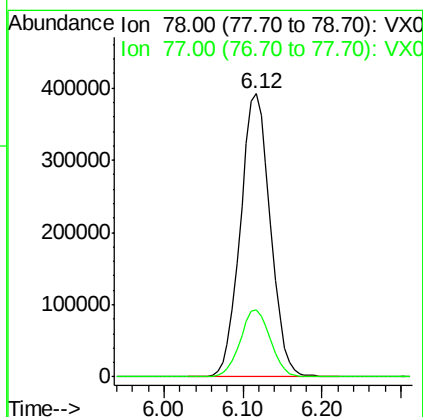
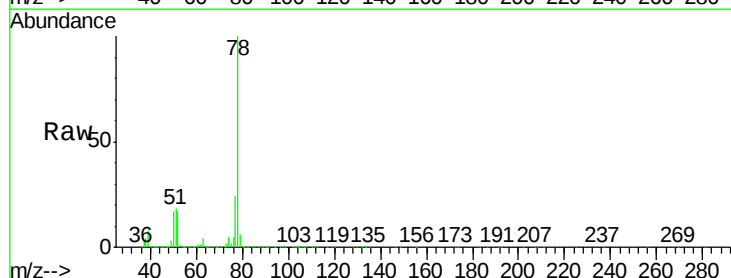
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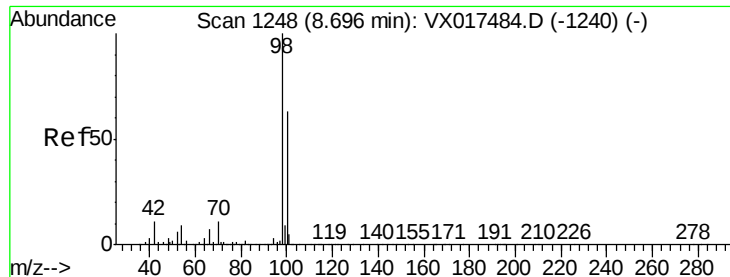
Tgt Ion: 43 Resp: 1354726
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 10.8 8.5 12.7



#40
Benzene
Concen: 42.583 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 78 Resp: 1034387
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2





#50

Toluene-d8

Concen: 51.648 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

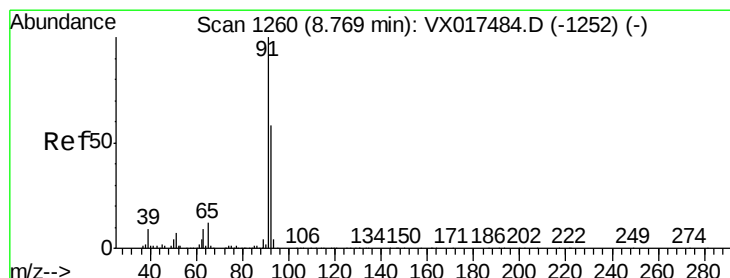
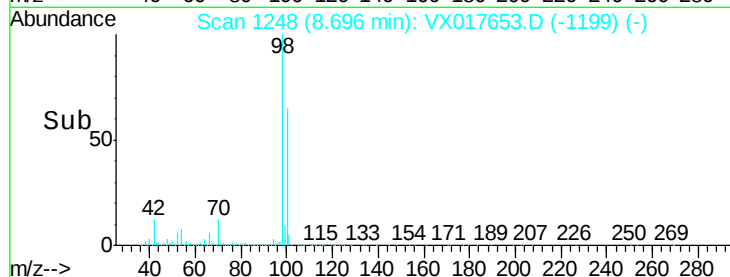
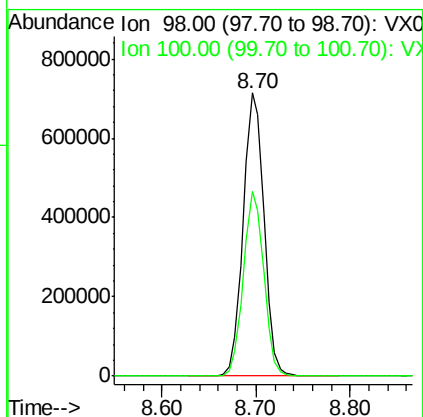
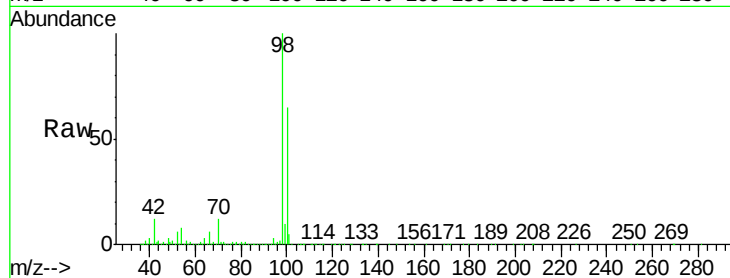
40956DL

Tgt Ion: 98 Resp: 1100846

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



#52

Toluene

Concen: 69.902 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017653.D

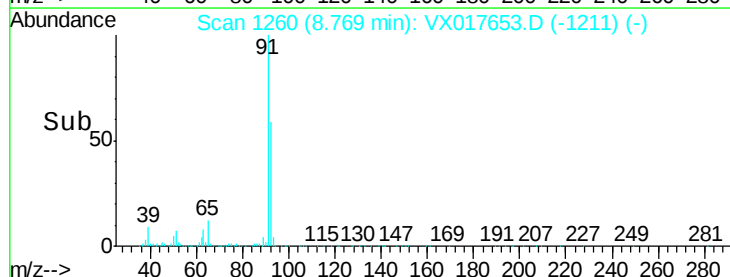
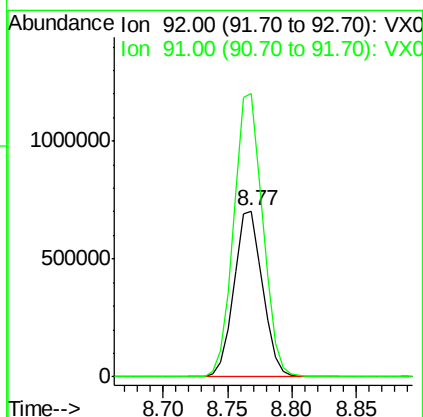
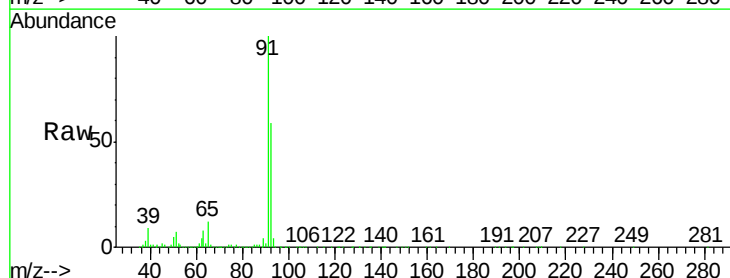
Acq: 28 Jul 2020 15:09

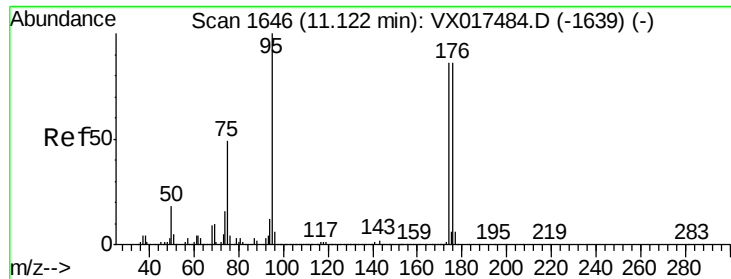
Tgt Ion: 92 Resp: 1088970

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4

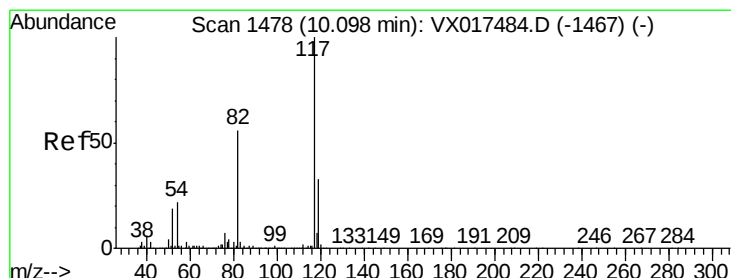
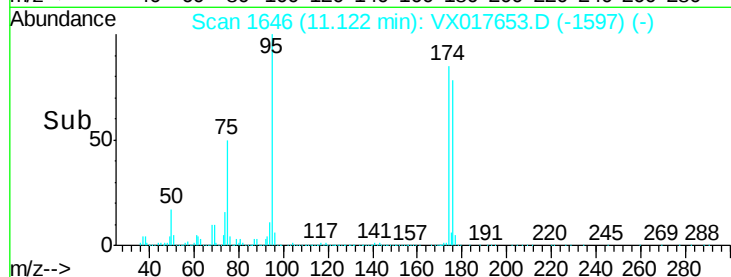
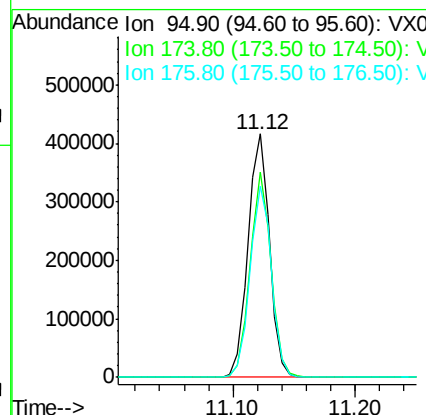
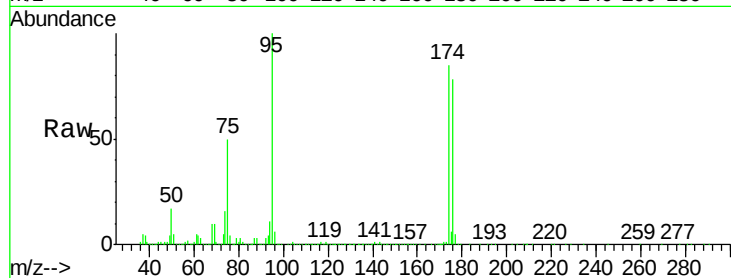




#62
4-Bromofluorobenzene
Concen: 59.109 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

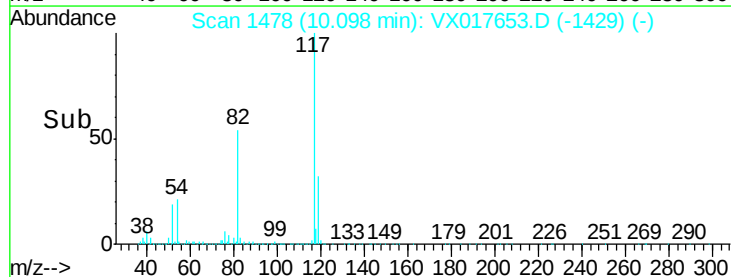
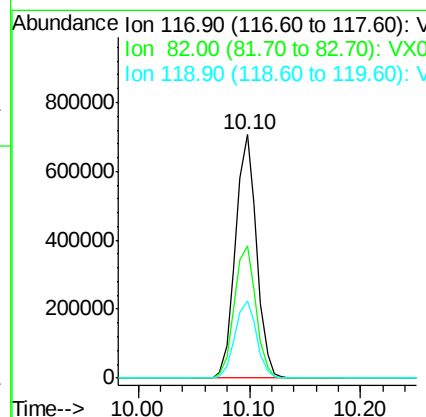
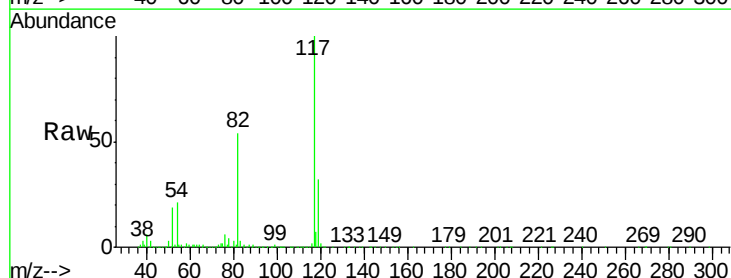
Instrument :
MSVOA_X
ClientSampled :
40956DL

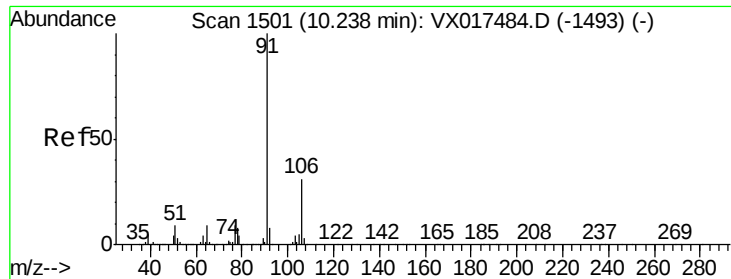
Tgt Ion: 95 Resp: 504206
Ion Ratio Lower Upper
95 100
174 82.3 0.0 169.0
176 78.8 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 117 Resp: 927293
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 31.9 25.4 38.0

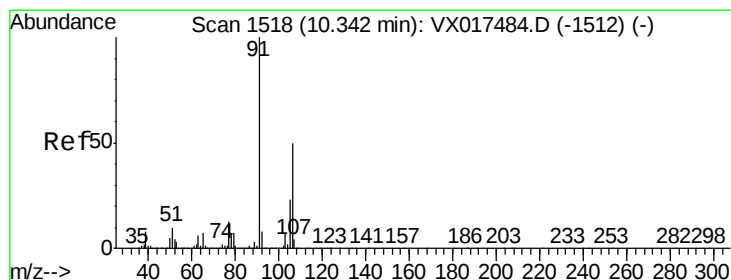
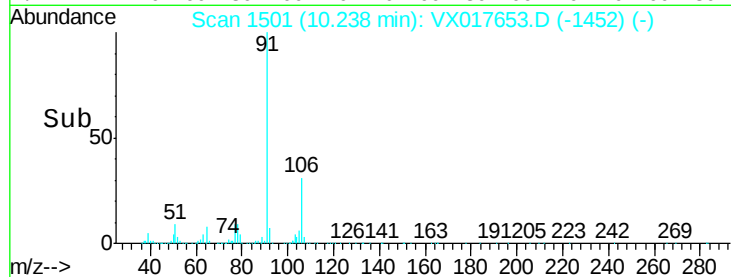
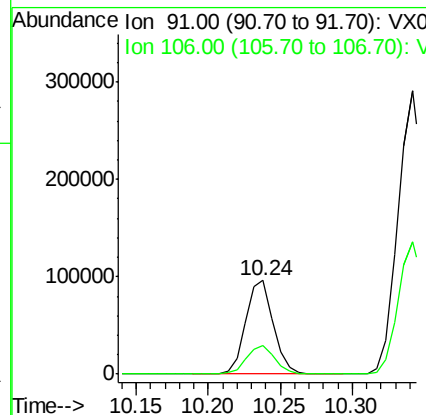
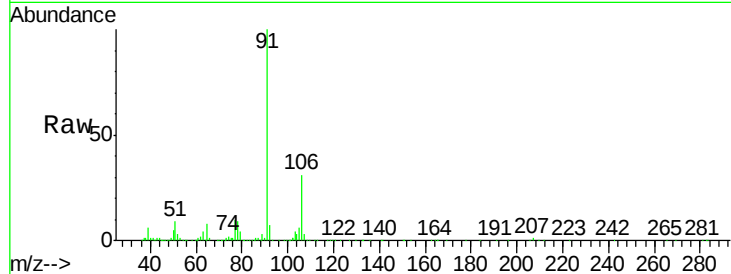




#67
Ethyl Benzene
Concen: 3.769 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

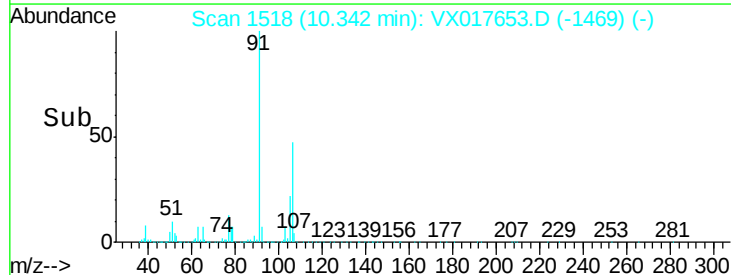
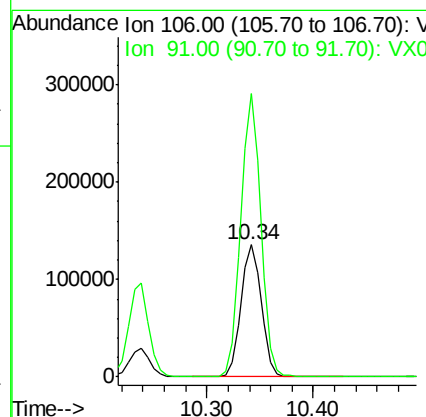
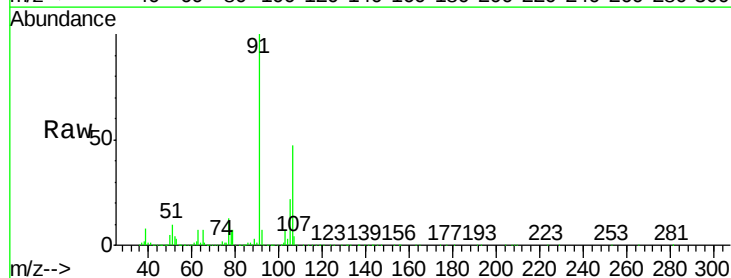
Instrument :
MSVOA_X
ClientSampleID :
40956DL

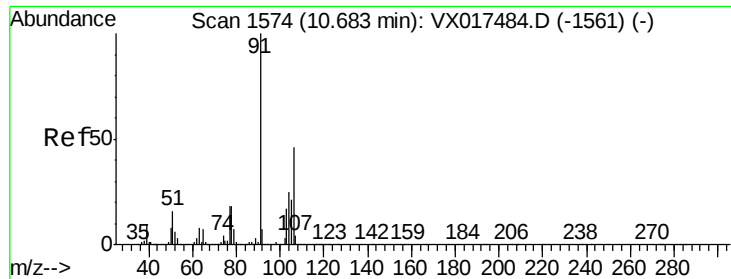
Tgt Ion: 91 Resp: 126281
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.6



#68
m/p-Xylenes
Concen: 14.111 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 106 Resp: 183159
Ion Ratio Lower Upper
106 100
91 210.6 160.9 241.3

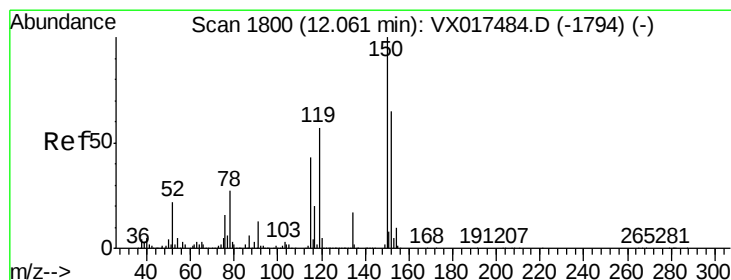
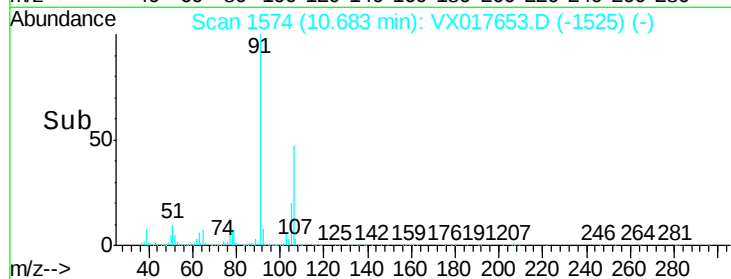
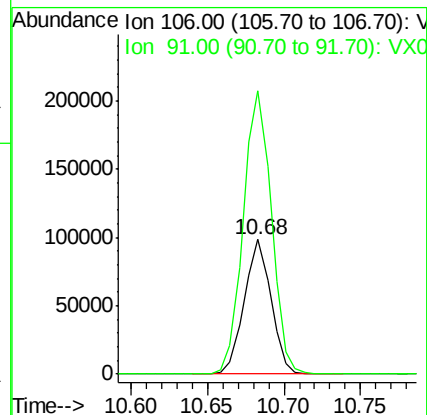
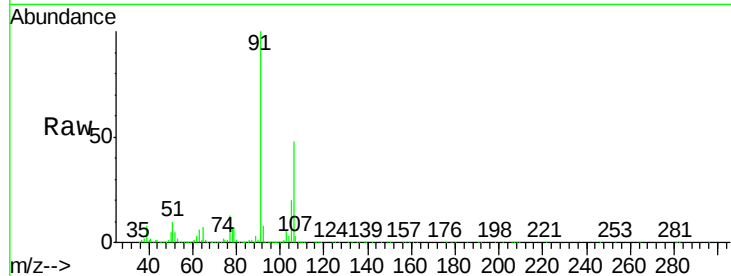




#69
o-Xylene
Concen: 9.567 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

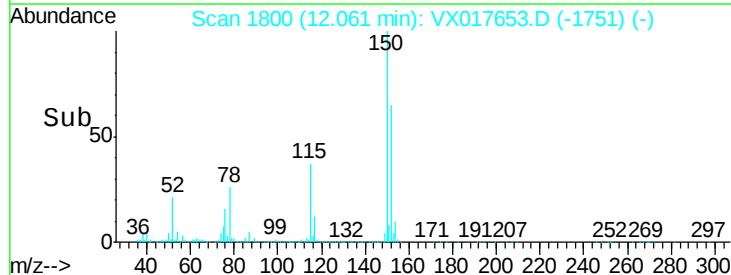
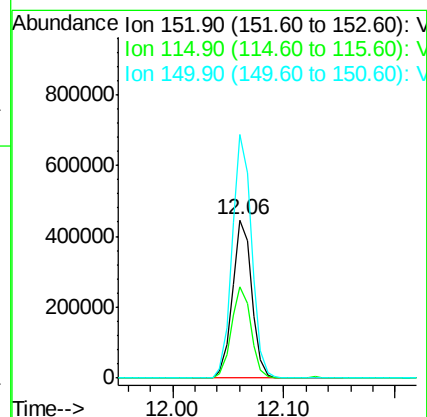
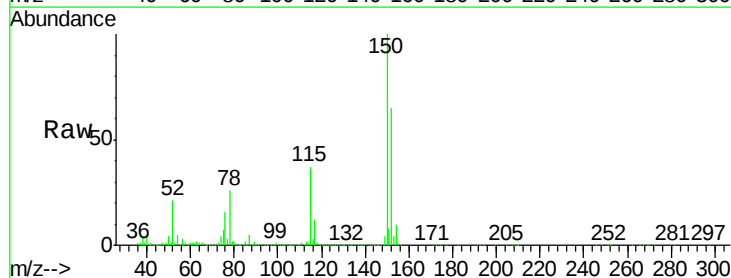
Instrument :
MSVOA_X
ClientSampleId :
40956DL

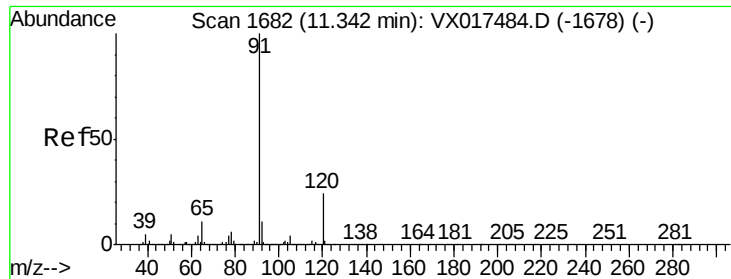
Tgt Ion:106 Resp: 119427
Ion Ratio Lower Upper
106 100
91 220.5 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion:152 Resp: 531337
Ion Ratio Lower Upper
152 100
115 57.9 65.5 196.6#
150 155.2 0.0 412.6





#78

n-propylbenzene

Concen: 0.500 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampled :

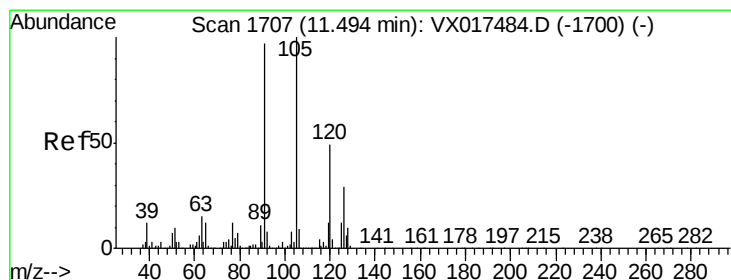
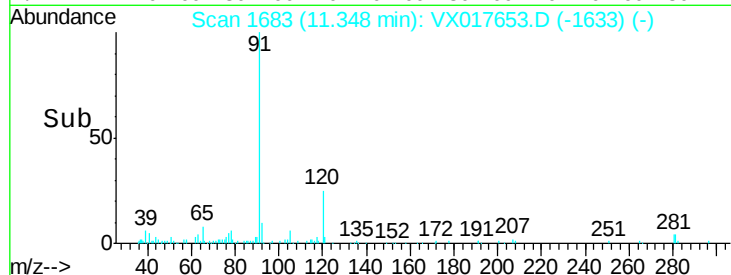
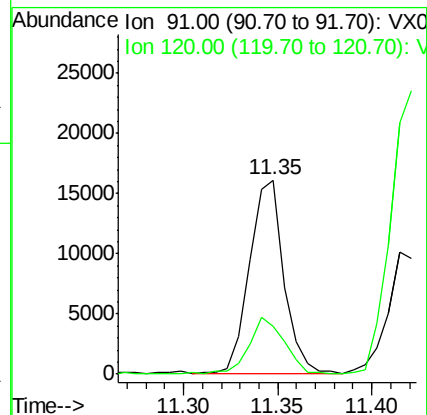
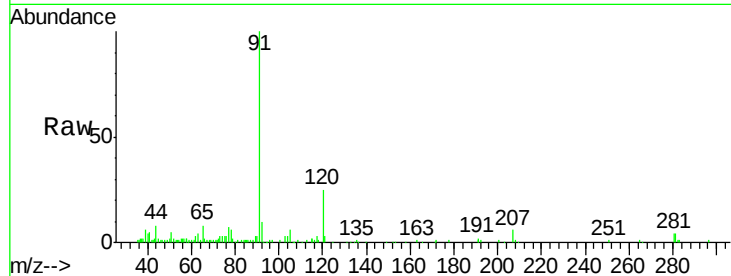
40956DL

Tgt Ion: 91 Resp: 20560

Ion Ratio Lower Upper

91 100

120 30.3 12.2 36.4



#80

1,3,5-Trimethylbenzene

Concen: 1.482 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017653.D

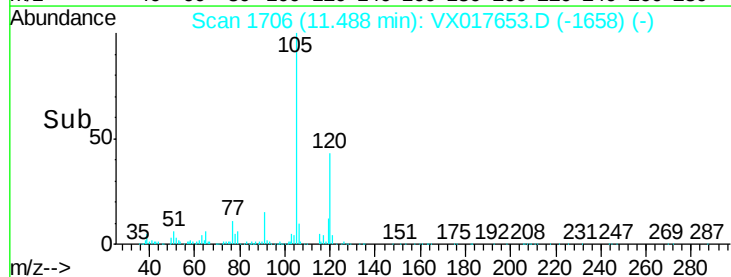
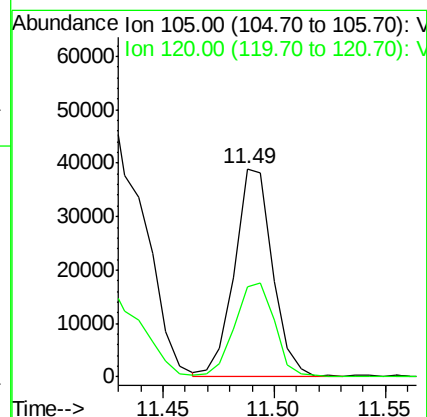
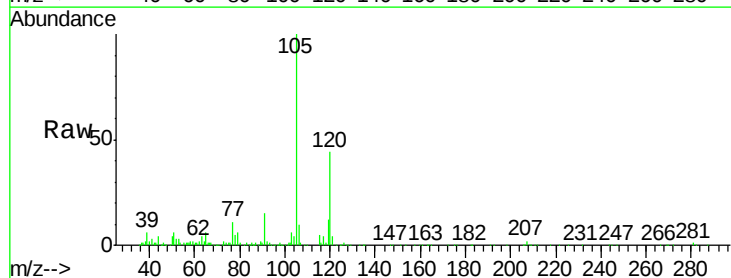
Acq: 28 Jul 2020 15:09

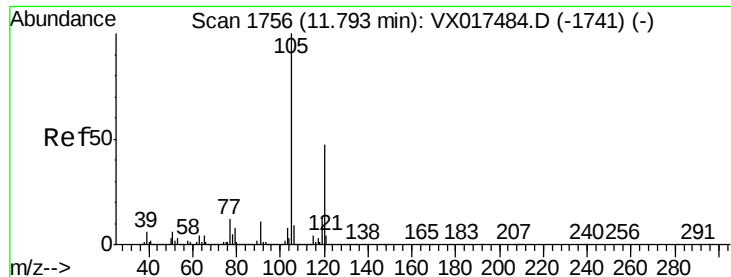
Tgt Ion: 105 Resp: 46130

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3

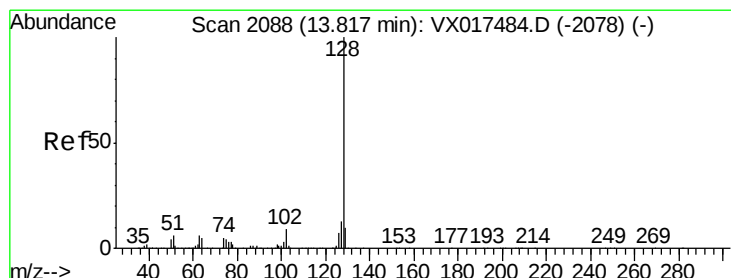
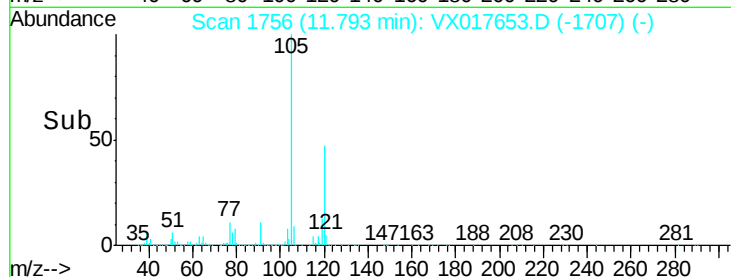
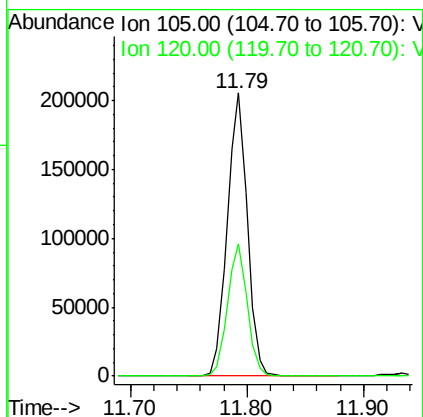
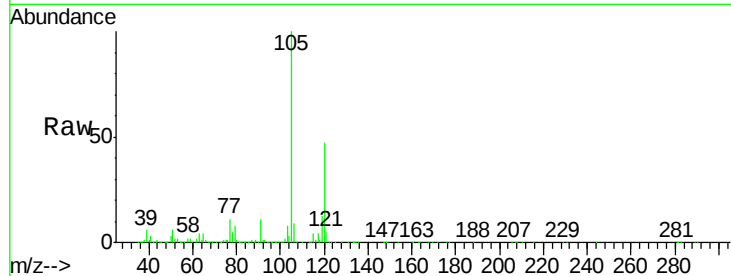




#84
 1,2,4-Trimethylbenzene
 Concen: 7.915 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017653.D
 Acq: 28 Jul 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 40956DL

Tgt Ion:105 Resp: 244998
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.0



#95
 Naphthalene
 Concen: 4.488 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017653.D
 Acq: 28 Jul 2020 15:09

Tgt Ion:128 Resp: 157495
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.4 15.6
 129 10.7 8.9 13.3

