

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018183.D
 Acq On : 01 Sep 2020 11:51
 Operator : JC/SP
 Sample : L3792-15DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40617DL

Quant Time: Sep 02 05:04:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	481196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	758873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	725363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	360361	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	328687	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
35) Dibromofluoromethane	5.46	113	259075	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	8.70	98	921362	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.12	95	360224	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

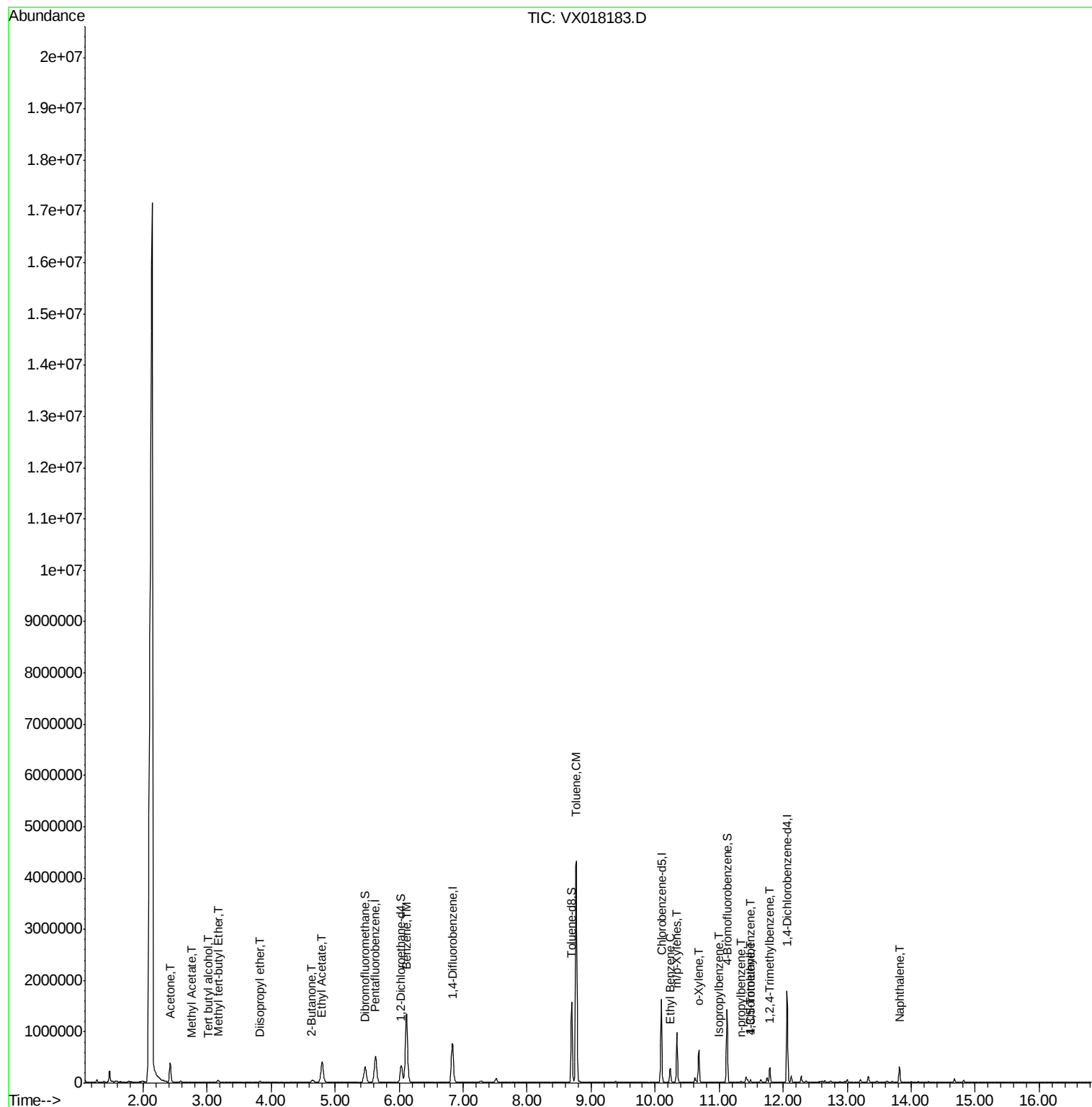
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	6129	4.719	ug/l	98
16) Acetone	2.42	43	386229	148.377	ug/l	98
18) Methyl Acetate	2.76	43	3211	0.511	ug/l #	75
19) Methyl tert-butyl Ether	3.17	73	46262	2.869	ug/l	99
22) Diisopropyl ether	3.82	45	23872	1.432	ug/l #	78
25) 2-Butanone	4.64	43	66677	15.586	ug/l	98
37) Ethyl Acetate	4.79	43	705850	86.826	ug/l	99
40) Benzene	6.12	78	1600249	77.806	ug/l	99
52) Toluene	8.77	92	1599977	122.683	ug/l	99
67) Ethyl Benzene	10.24	91	154807	6.284	ug/l	95
68) m/p-Xylenes	10.34	106	220416	23.970	ug/l	97
69) o-Xylene	10.68	106	130339	14.622	ug/l	95
73) Isopropylbenzene	11.01	105	6363	0.268	ug/l	99
78) n-propylbenzene	11.34	91	12773	0.473	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	23020	1.179	ug/l	95
82) 4-Chlorotoluene	11.49	91	4778	0.241	ug/l	73
84) 1,2,4-Trimethylbenzene	11.79	105	125103	6.264	ug/l	98
95) Naphthalene	13.82	128	183208	7.688	ug/l	100

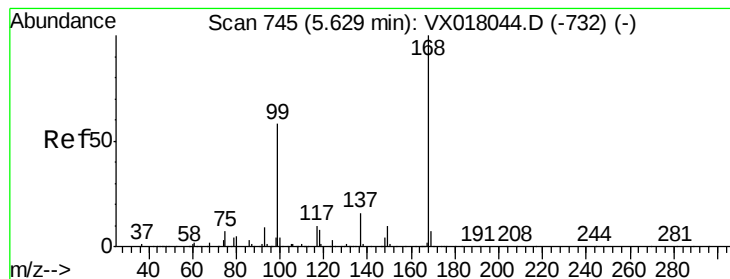
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090120\
Data File : VX018183.D
Acq On : 01 Sep 2020 11:51
Operator : JC/SP
Sample : L3792-15DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
40617DL

Quant Time: Sep 02 05:04:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

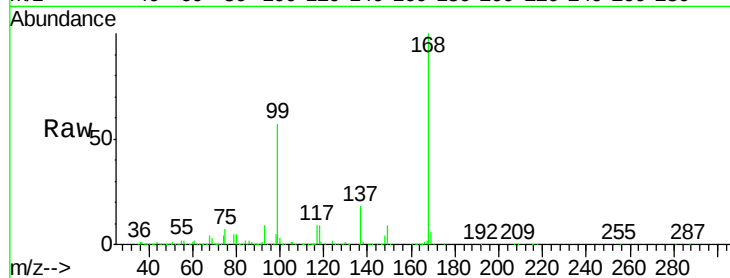
40617DL

Tot Ion:168 Resp: 481196

Ion Ratio Lower Upper

168 100

99 56.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

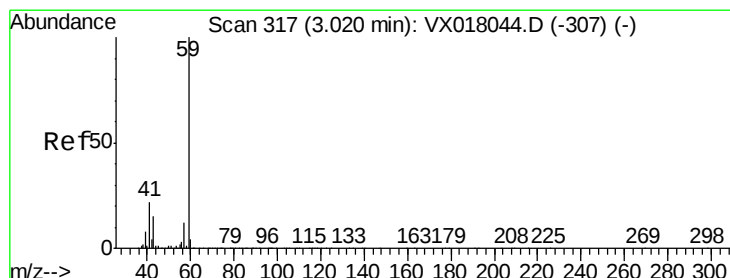
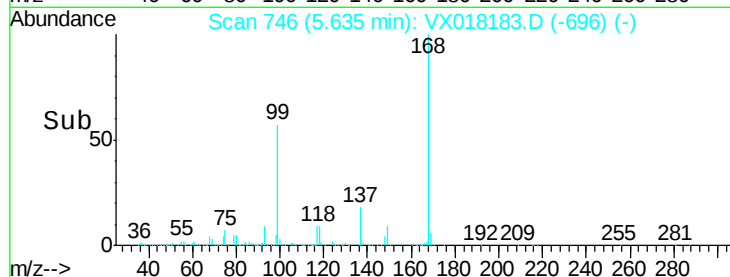
100000

50000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 4.719 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018183.D

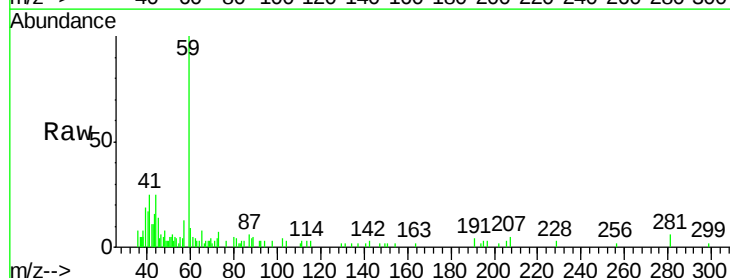
Acq: 01 Sep 2020 11:51

Tgt Ion: 59 Resp: 6129

Ion Ratio Lower Upper

59 100

57 10.2 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3000

2500

2000

1500

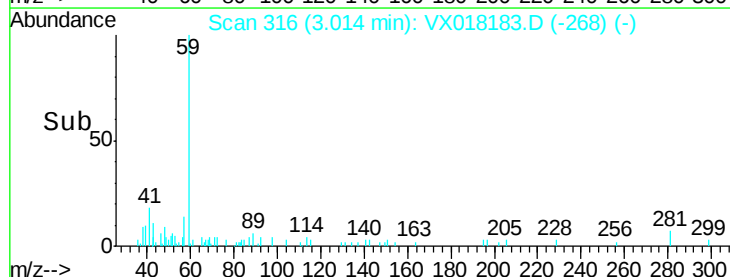
1000

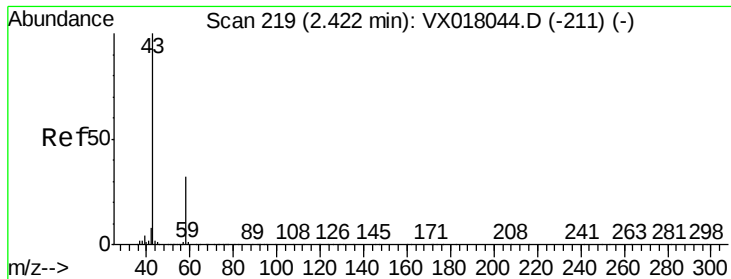
500

0

Time-->

2.90 2.95 3.00 3.05 3.10

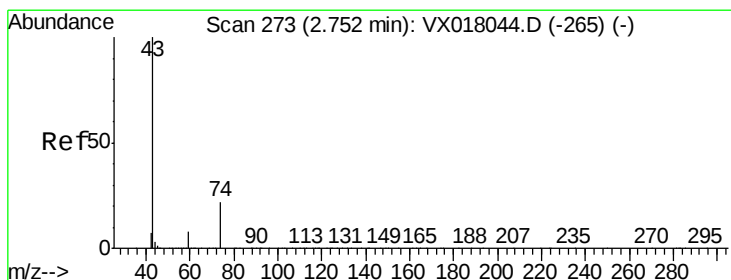
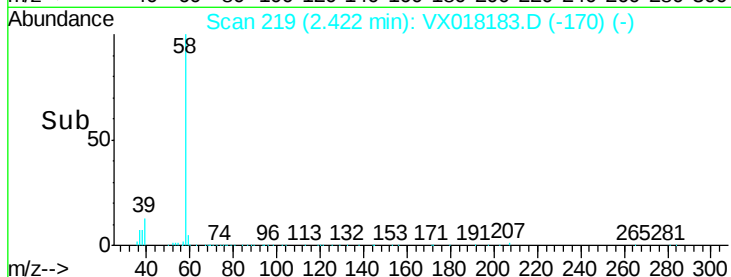
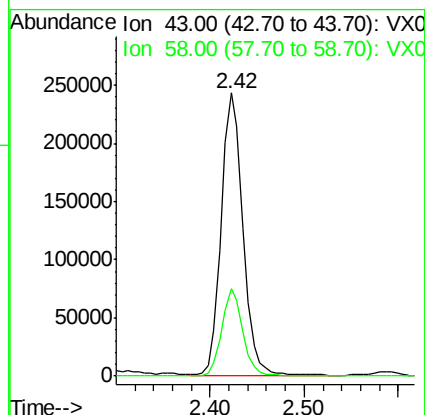
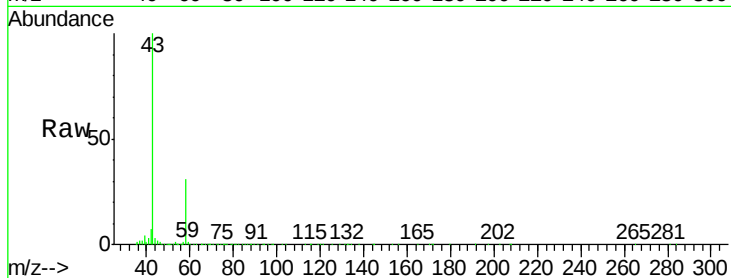




#16
Acetone
Concen: 148.377 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

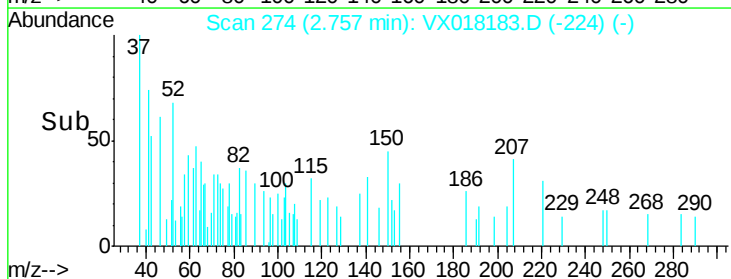
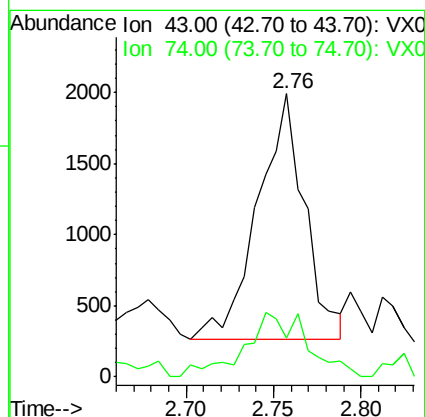
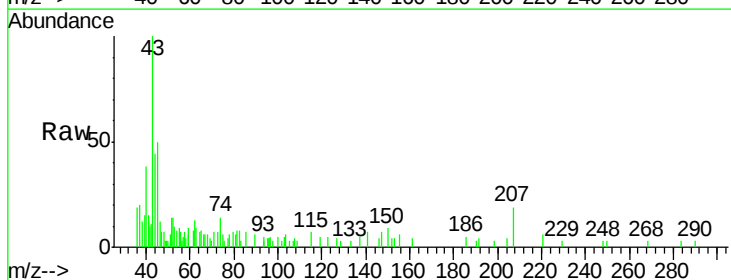
Instrument :
MSVOA_X
ClientSampled :
40617DL

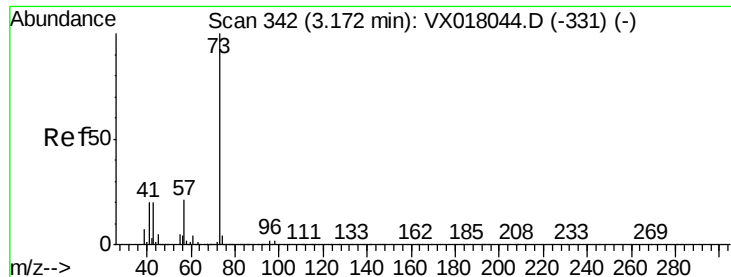
Tot Ion: 43 Resp: 386229
Ion Ratio Lower Upper
43 100
58 31.0 25.5 38.3



#18
Methyl Acetate
Concen: 0.511 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 43 Resp: 3211
Ion Ratio Lower Upper
43 100
74 34.7 18.2 27.4#



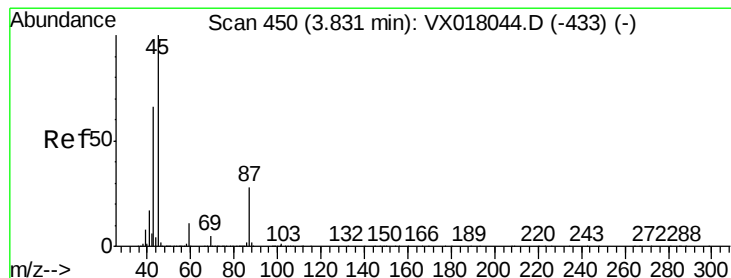
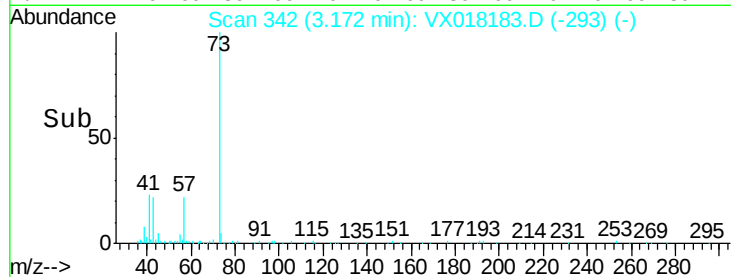
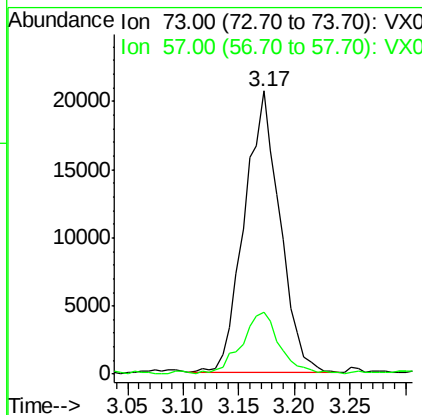
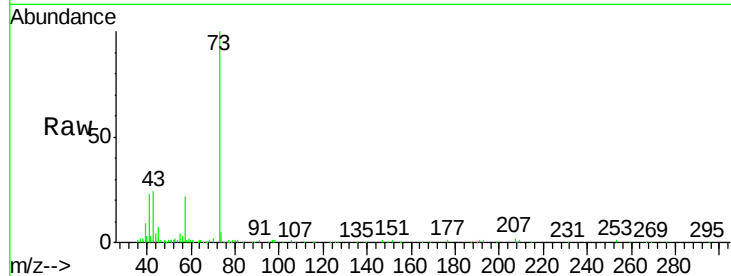


#19

Methyl tert-butyl Ether
 Concen: 2.869 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX018183.D
 Acq: 01 Sep 2020 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 40617DL

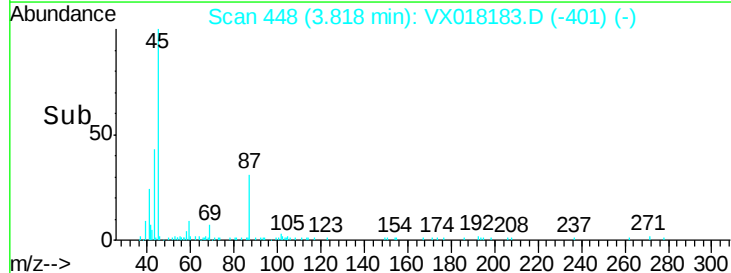
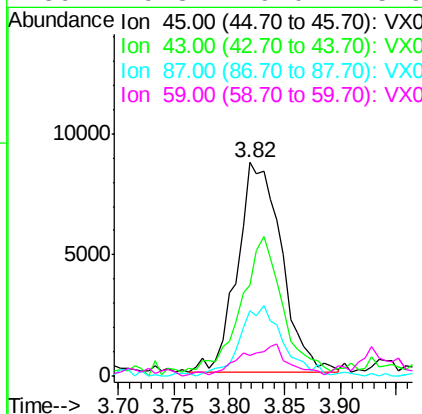
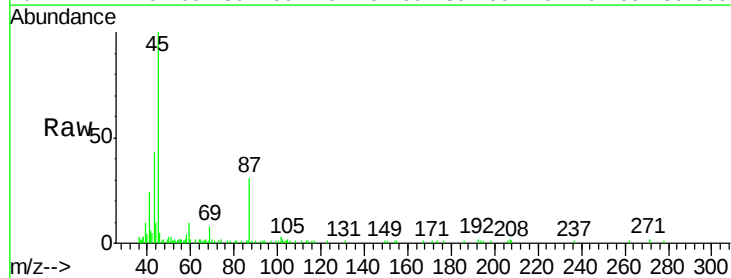
Tot Ion: 73 Resp: 46262
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.8 25.2

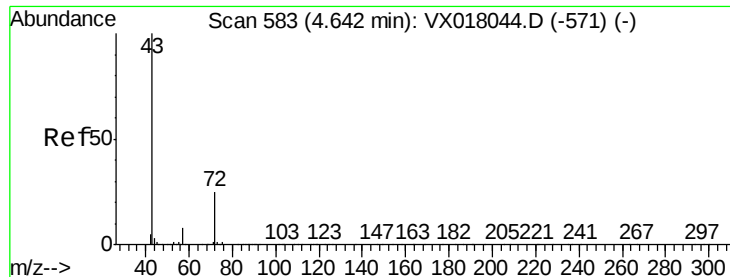


#22

Diisopropyl ether
 Concen: 1.432 ug/l
 RT: 3.82 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: VX018183.D
 Acq: 01 Sep 2020 11:51

Tgt Ion: 45 Resp: 23872
 Ion Ratio Lower Upper
 45 100
 43 40.7 52.8 79.2#
 87 30.5 22.5 33.7
 59 9.3 9.0 13.6





#25

2-Butanone

Concen: 15.586 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

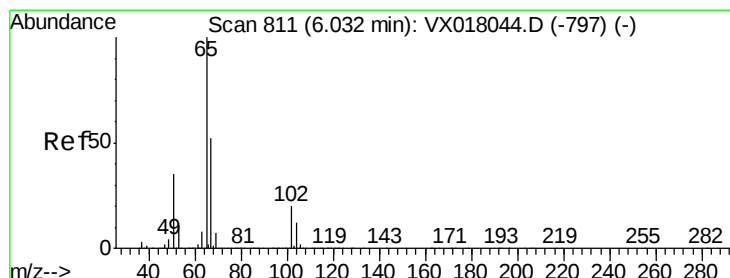
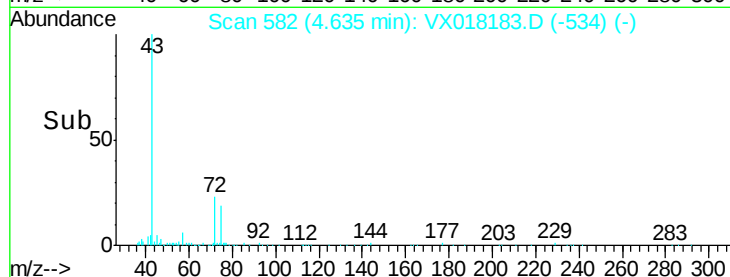
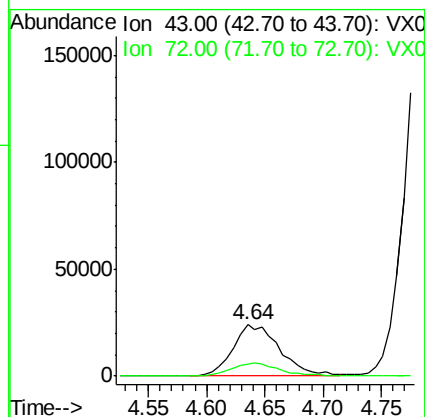
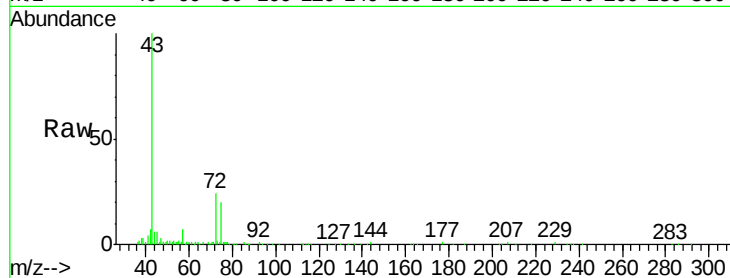
40617DL

Tot Ion: 43 Resp: 66677

Ion Ratio Lower Upper

43 100

72 23.7 19.8 29.6



#33

1,2-Dichloroethane-d4

Concen: 49.203 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018183.D

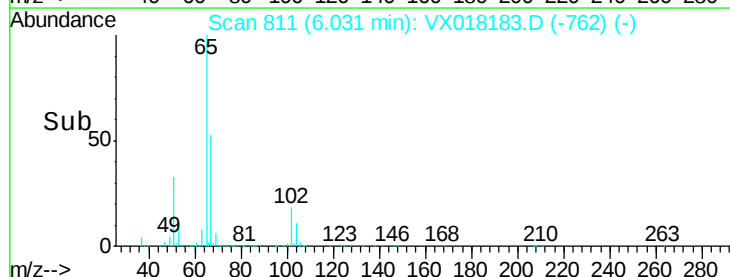
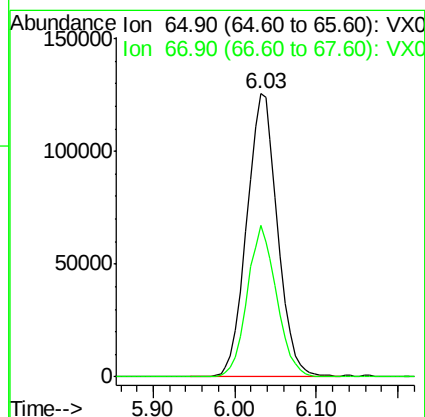
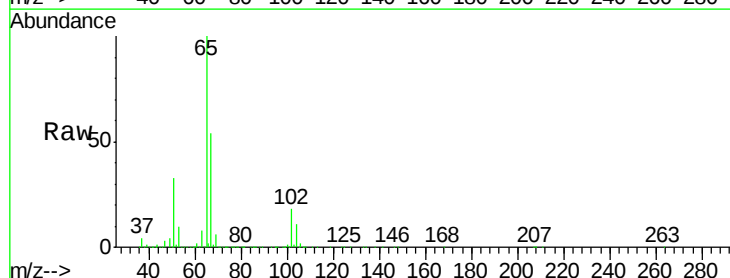
Acq: 01 Sep 2020 11:51

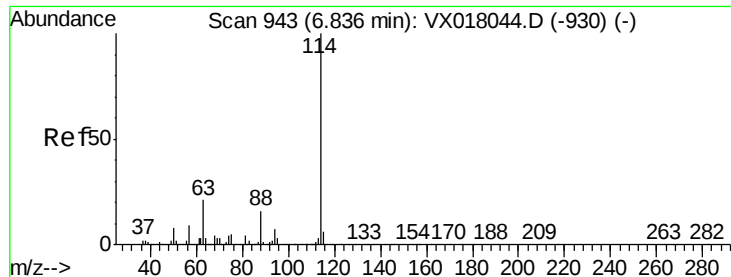
Tgt Ion: 65 Resp: 328687

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

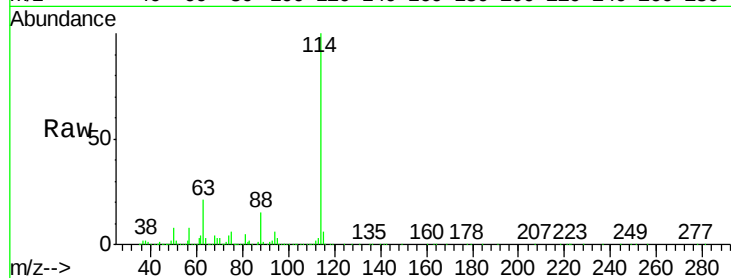
Tot Ion:114 Resp: 758873

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

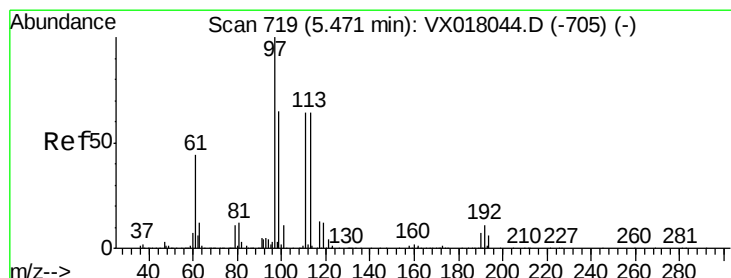
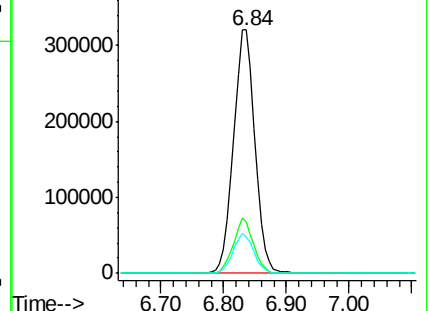
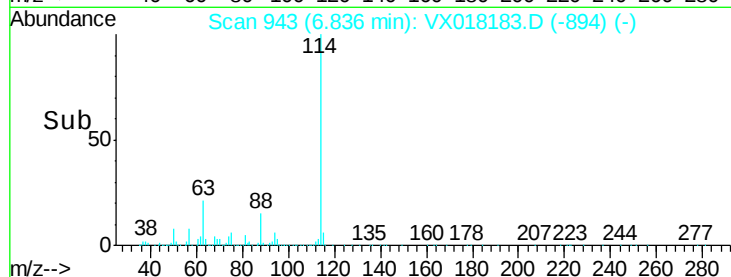
88 15.1 0.0 31.8



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: 50.128 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

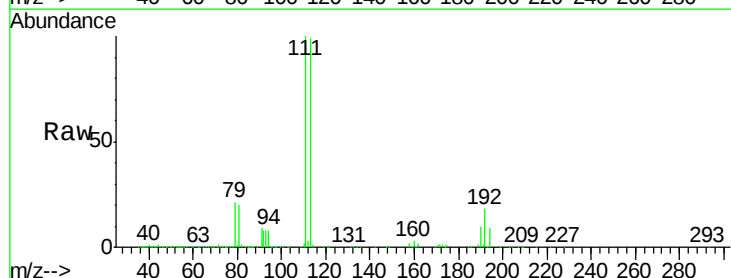
Tgt Ion:113 Resp: 259075

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

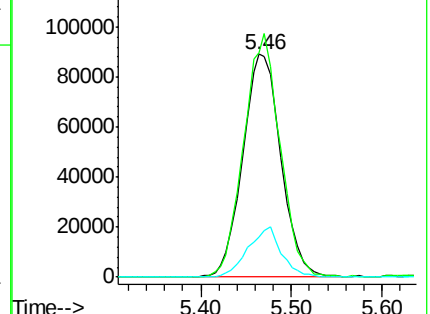
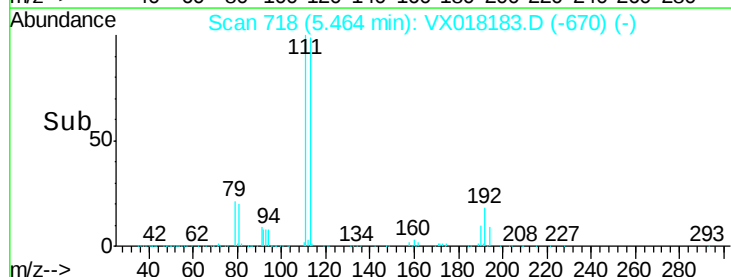
192 19.9 15.8 23.8

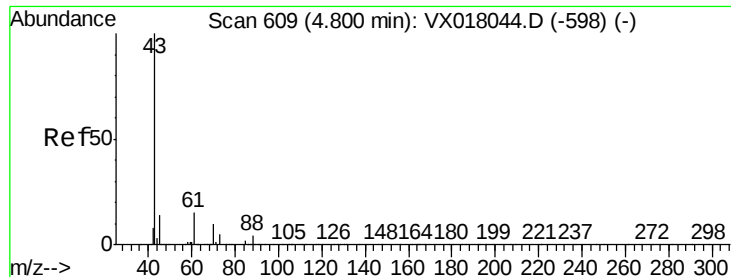


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#37

Ethyl Acetate

Concen: 86.826 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

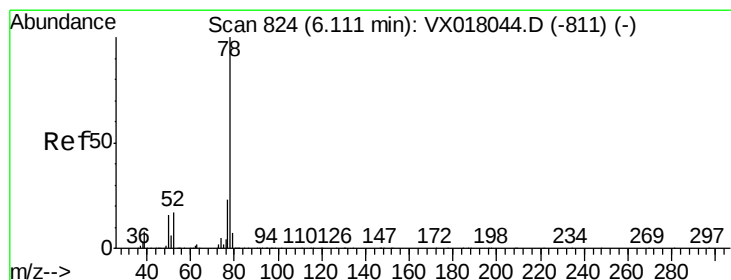
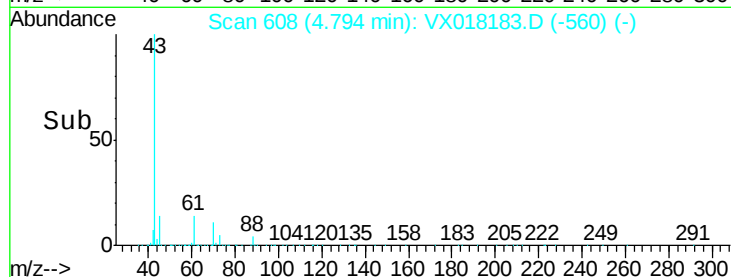
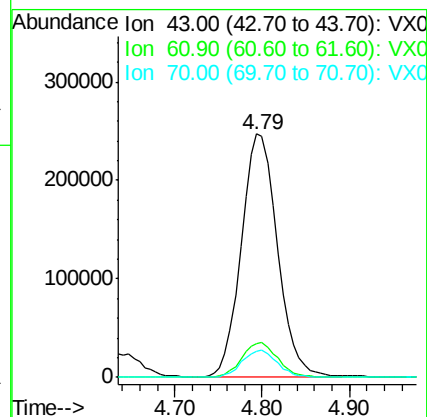
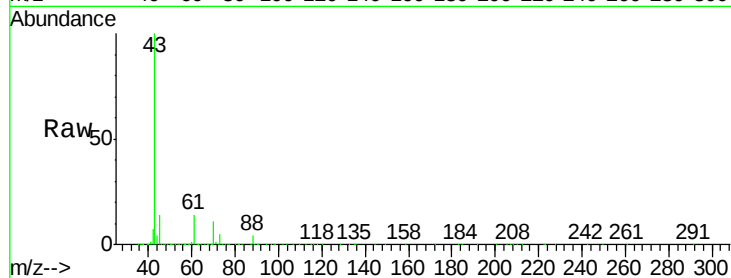
Tot Ion: 43 Resp: 705850

Ion Ratio Lower Upper

43 100

61 14.3 11.3 16.9

70 10.9 8.2 12.4



#40

Benzene

Concen: 77.806 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018183.D

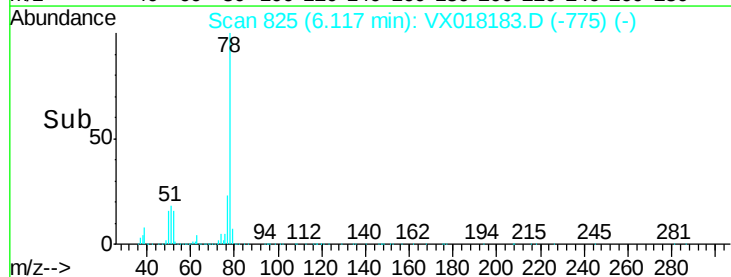
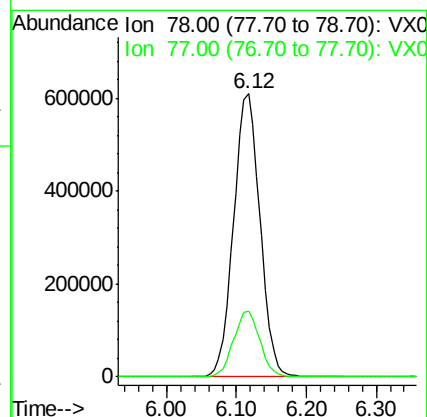
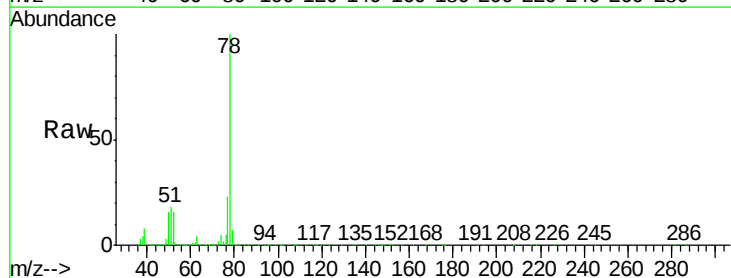
Acq: 01 Sep 2020 11:51

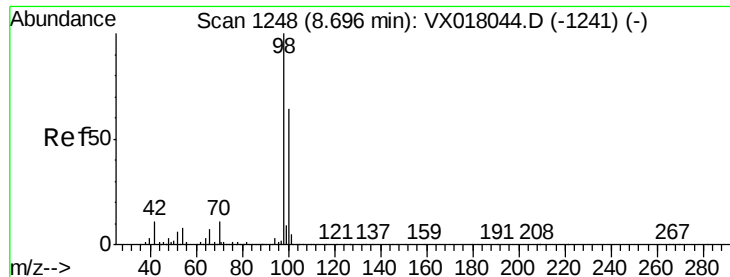
Tgt Ion: 78 Resp: 1600249

Ion Ratio Lower Upper

78 100

77 23.0 18.2 27.2





#50

Toluene-d8

Concen: 47.864 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

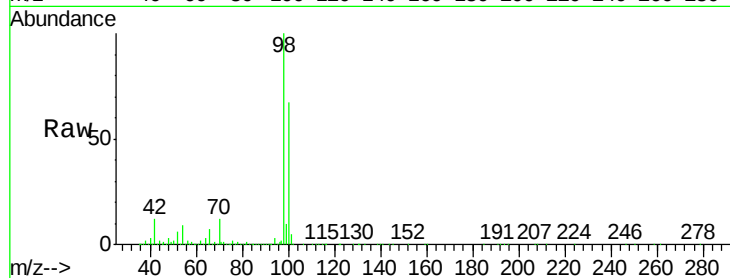
40617DL

Tot Ion: 98 Resp: 921362

Ion Ratio Lower Upper

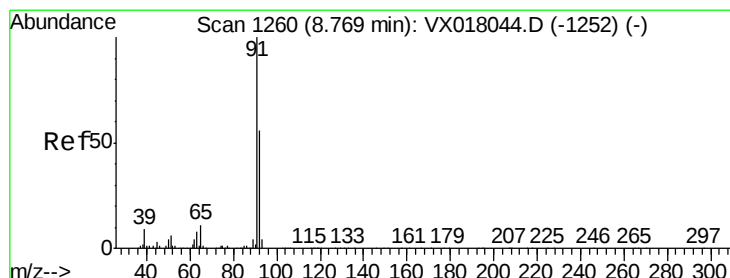
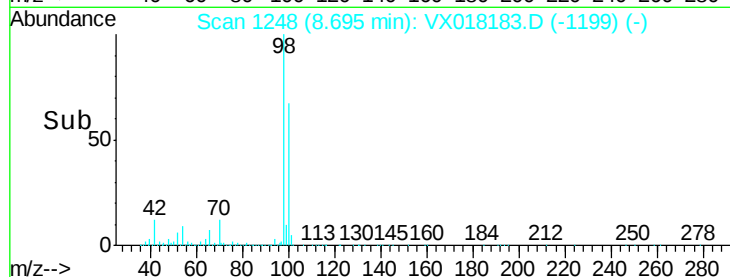
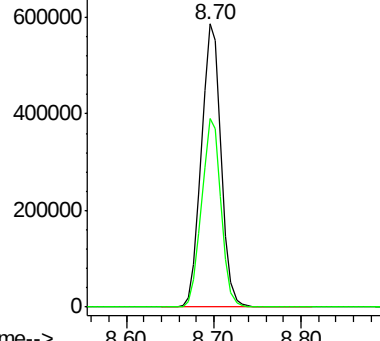
98 100

100 65.7 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 122.683 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018183.D

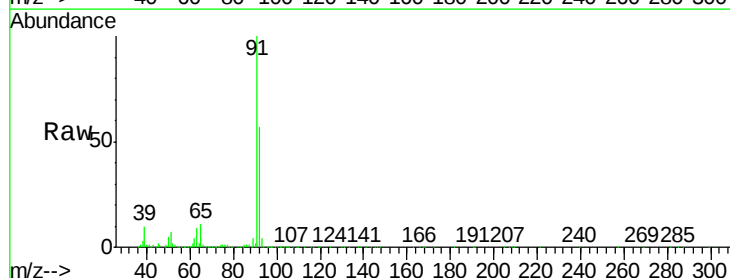
Acq: 01 Sep 2020 11:51

Tgt Ion: 92 Resp: 1599977

Ion Ratio Lower Upper

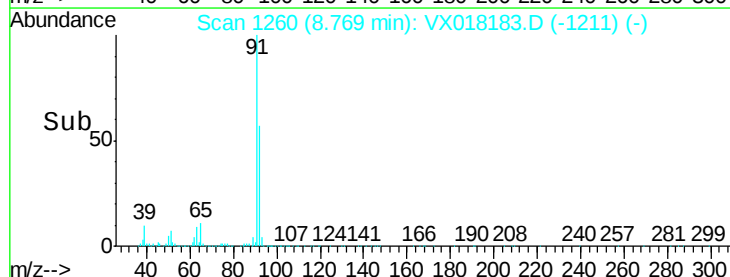
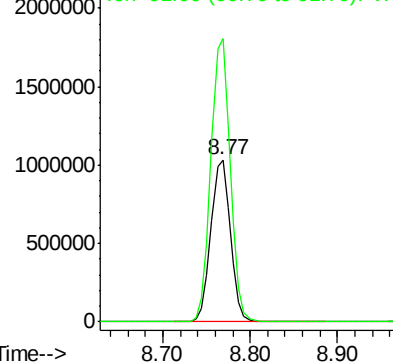
92 100

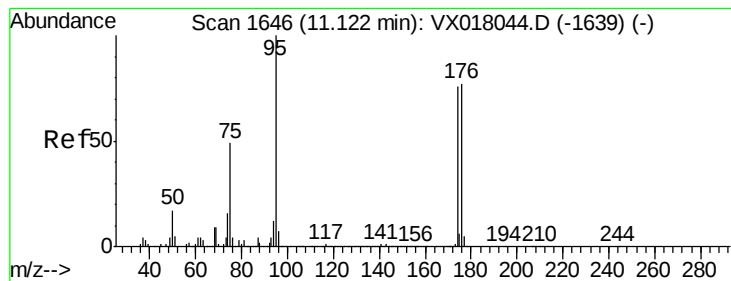
91 174.1 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.563 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

40617DL

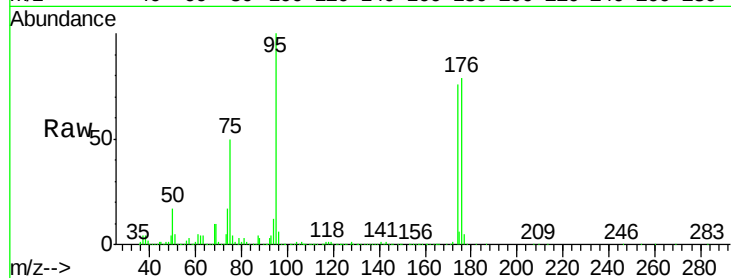
Tot Ion: 95 Resp: 360224

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

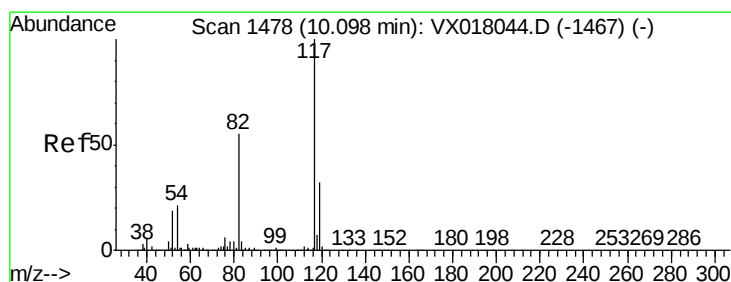
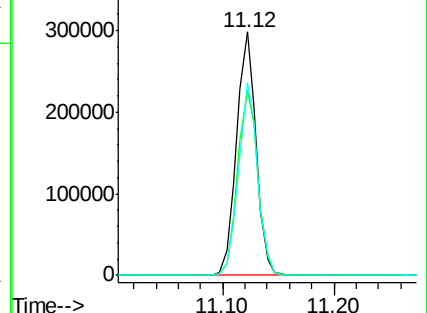
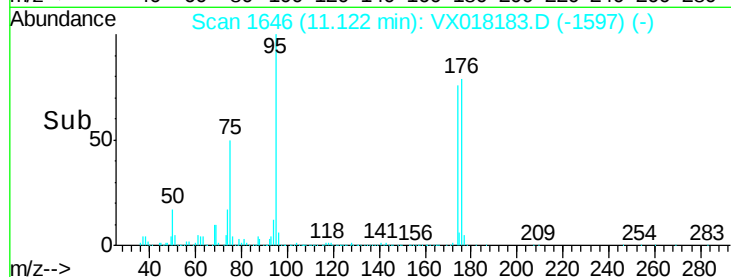
176 77.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018183.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018183.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018183.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

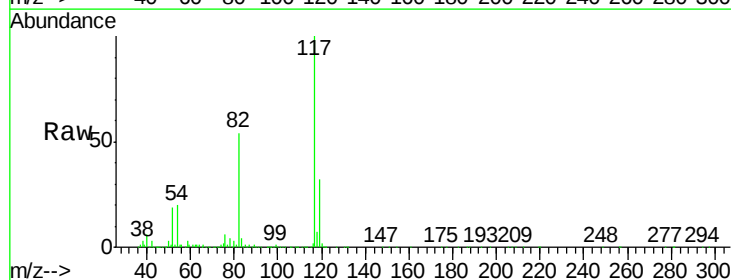
Tgt Ion: 117 Resp: 725363

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

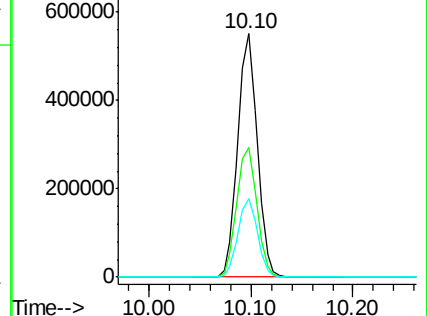
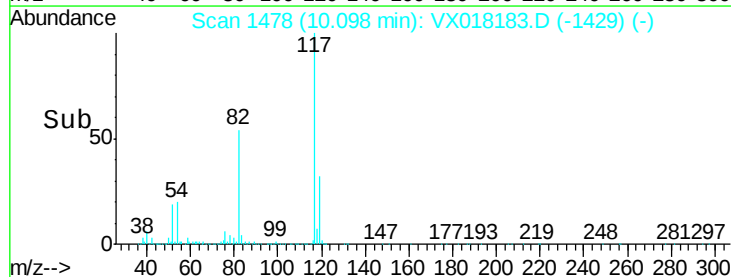
119 32.1 25.7 38.5

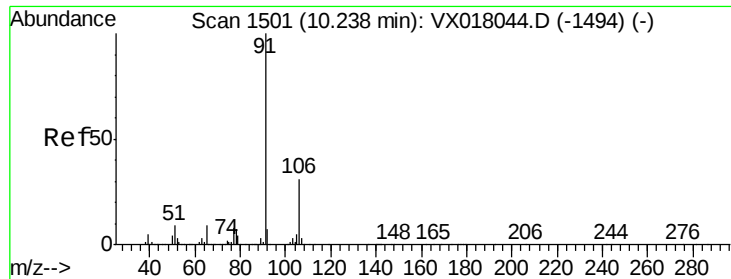


Abundance Ion 116.90 (116.60 to 117.60): VX018183.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018183.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018183.D (-1429) (-)

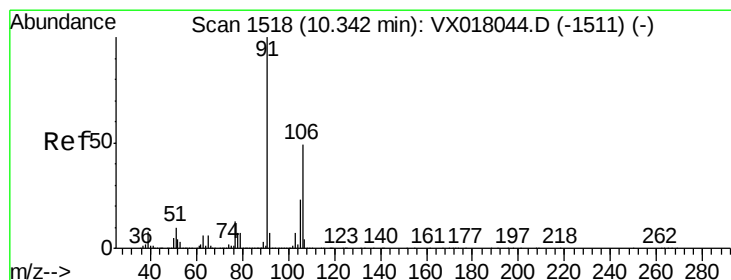
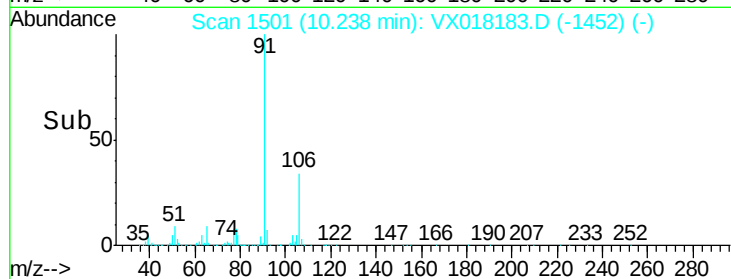
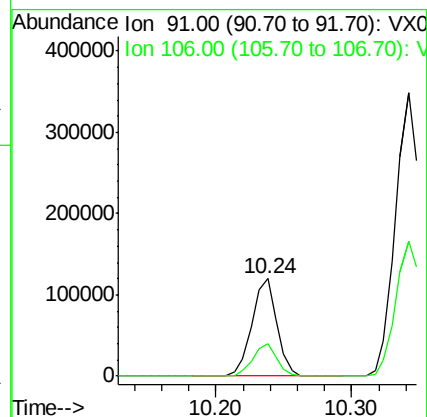
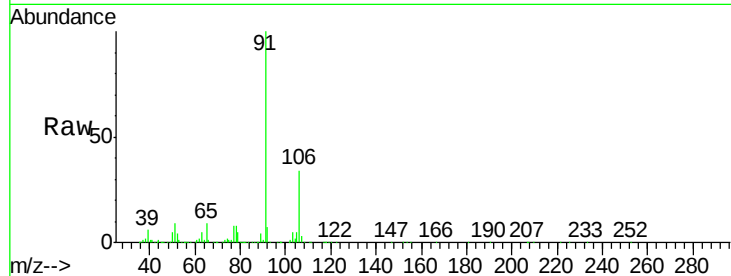




#67
Ethyl Benzene
Concen: 6.284 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

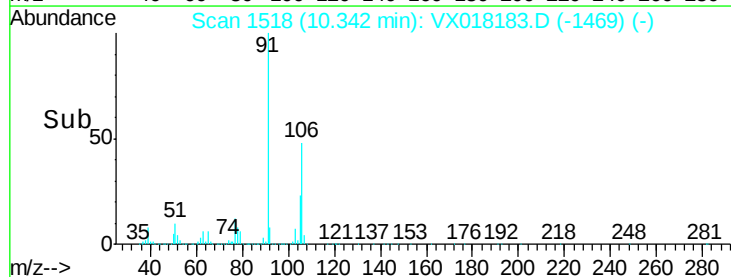
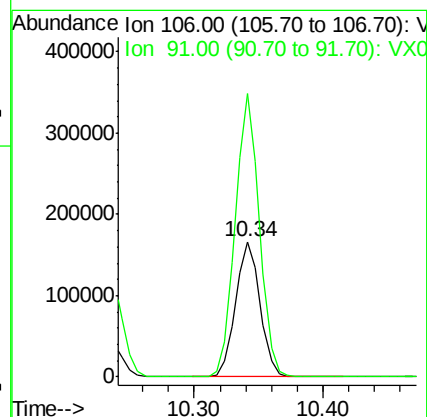
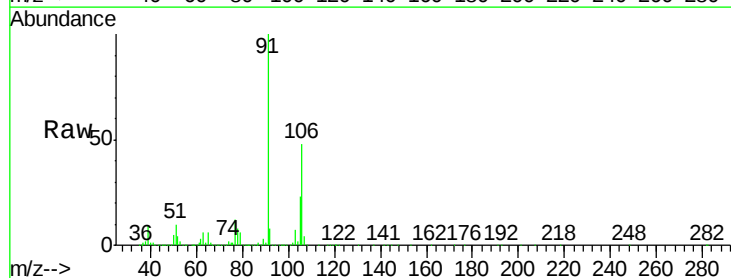
Instrument :
MSVOA_X
ClientSampleId :
40617DL

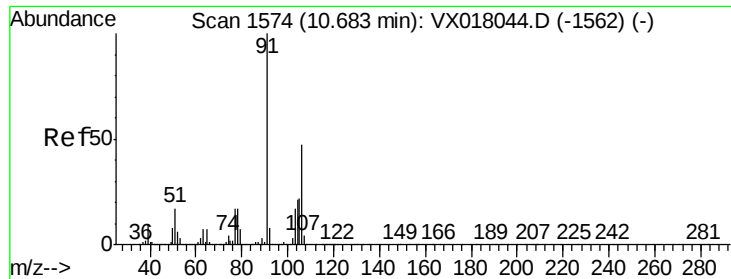
Tot Ion: 91 Resp: 154807
Ion Ratio Lower Upper
91 100
106 33.9 24.9 37.3



#68
m/p-Xylenes
Concen: 23.970 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion: 106 Resp: 220416
Ion Ratio Lower Upper
106 100
91 207.0 162.2 243.2

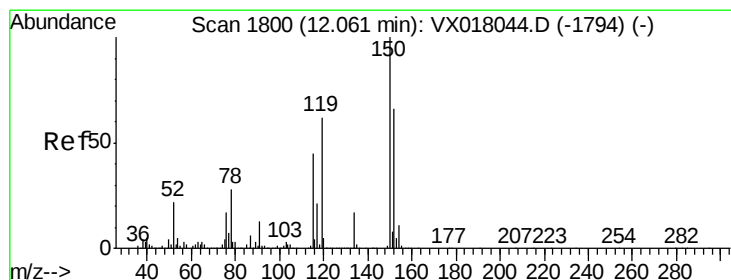
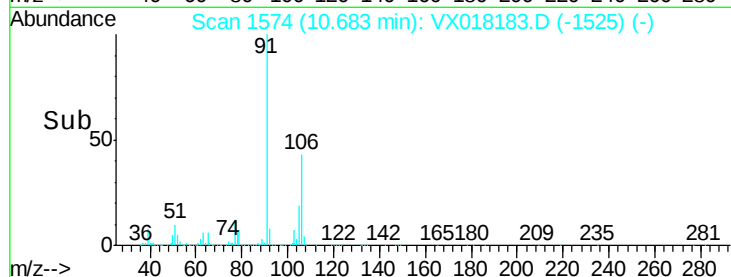
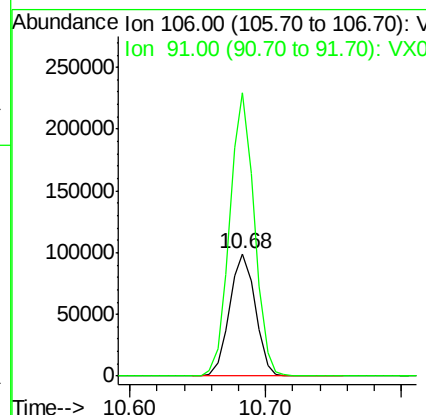
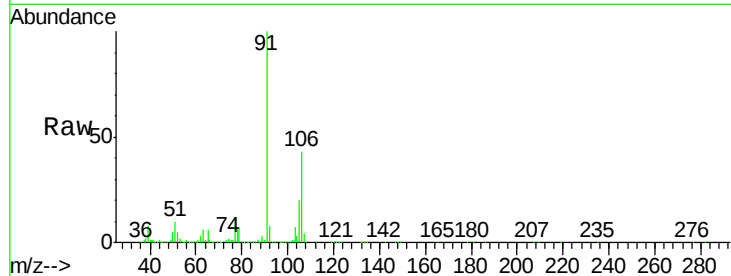




#69
o-Xylene
Concen: 14.622 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

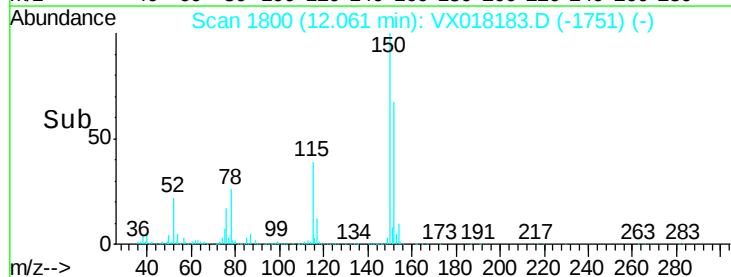
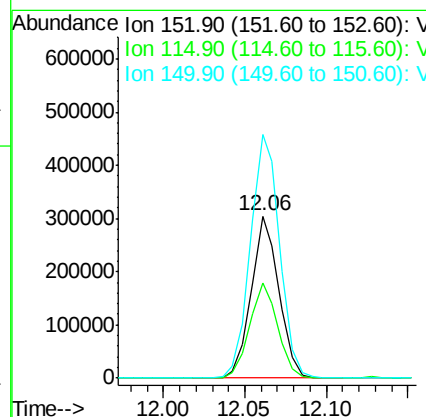
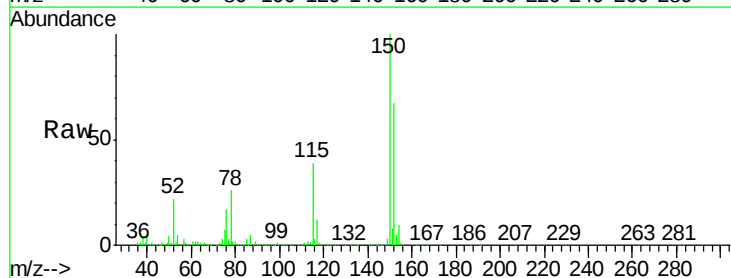
Instrument :
MSVOA_X
ClientSampled :
40617DL

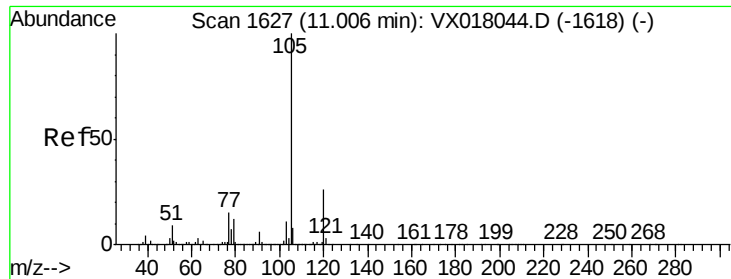
Tot Ion:106 Resp: 130339
Ion Ratio Lower Upper
106 100
91 222.0 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018183.D
Acq: 01 Sep 2020 11:51

Tgt Ion:152 Resp: 360361
Ion Ratio Lower Upper
152 100
115 59.6 41.5 124.5
150 158.6 0.0 343.8





#73

Isopropylbenzene

Concen: 0.268 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

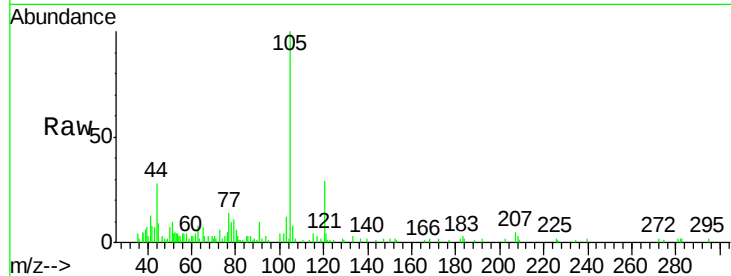
40617DL

Tot Ion:105 Resp: 6363

Ion Ratio Lower Upper

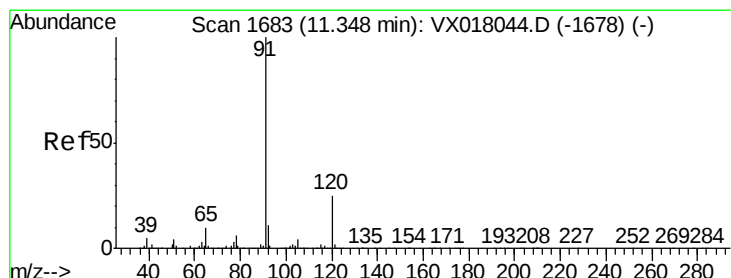
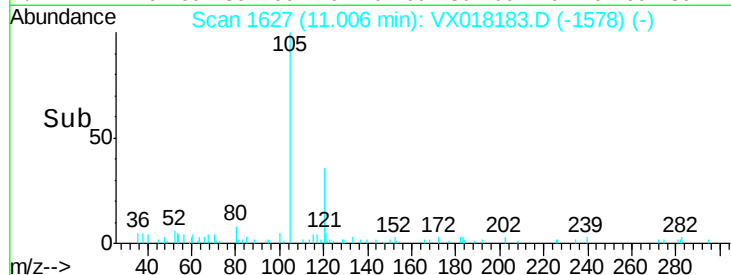
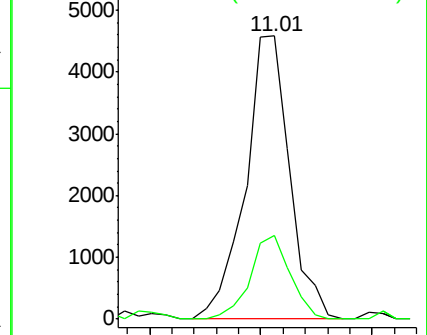
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.473 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018183.D

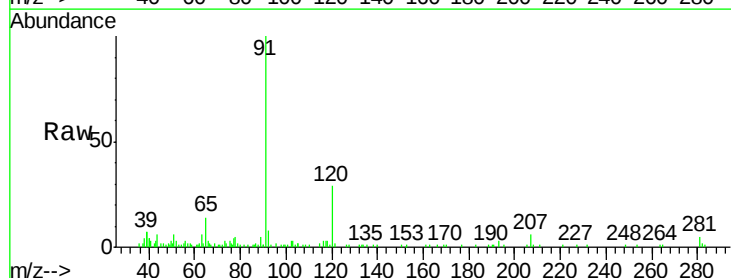
Acq: 01 Sep 2020 11:51

Tgt Ion: 91 Resp: 12773

Ion Ratio Lower Upper

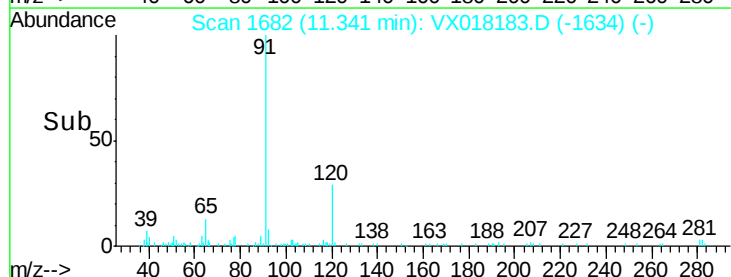
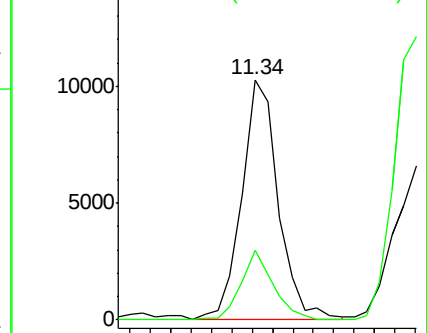
91 100

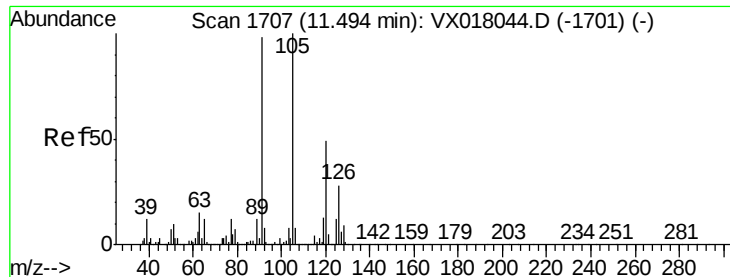
120 25.6 11.9 35.9



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: 1.179 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

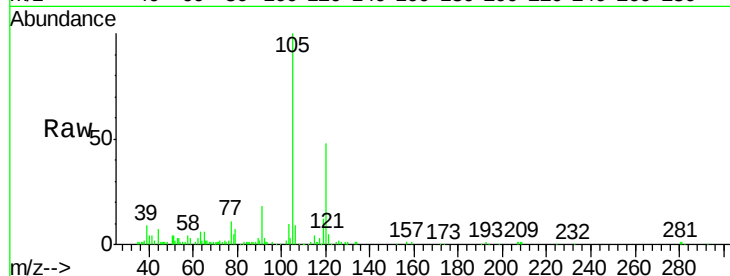
40617DL

Tot Ion:105 Resp: 23020

Ion Ratio Lower Upper

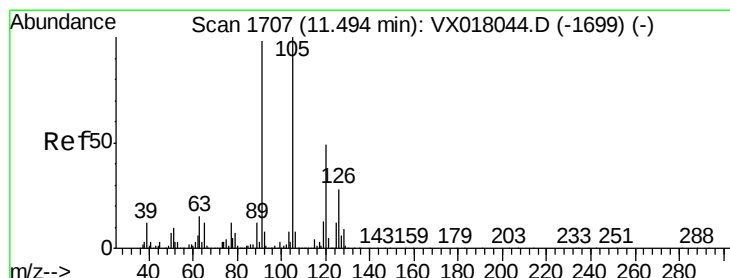
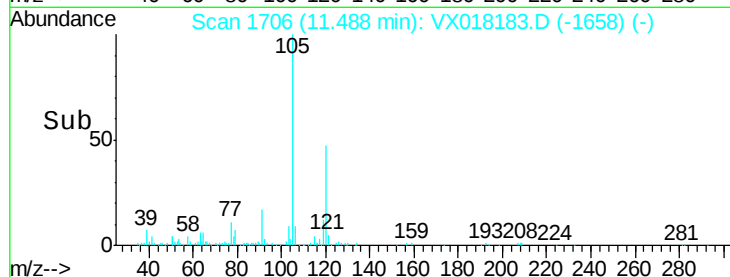
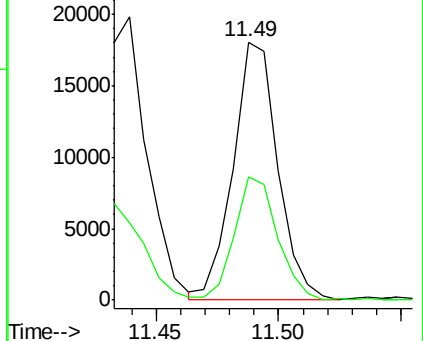
105 100

120 44.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.241 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018183.D

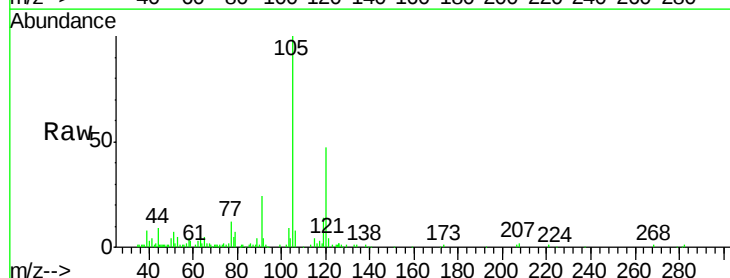
Acq: 01 Sep 2020 11:51

Tgt Ion: 91 Resp: 4778

Ion Ratio Lower Upper

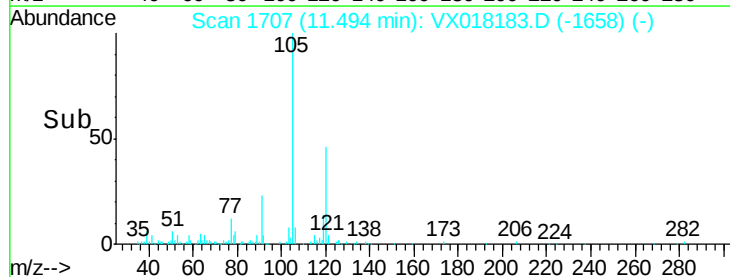
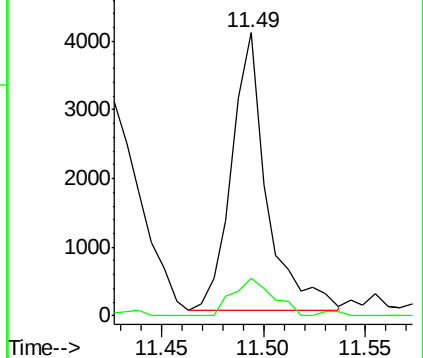
91 100

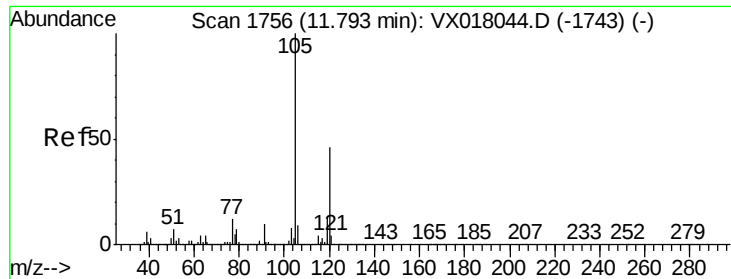
126 15.7 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 6.264 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

Instrument :

MSVOA_X

ClientSampleId :

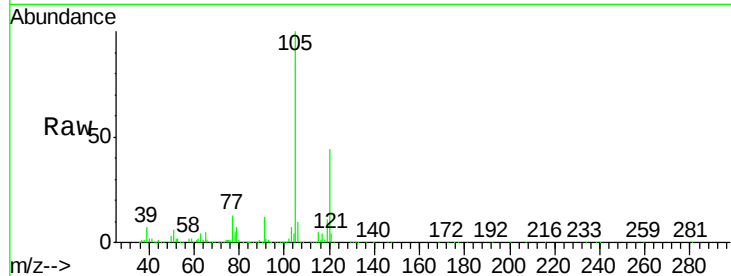
40617DL

Tot Ion:105 Resp: 125103

Ion Ratio Lower Upper

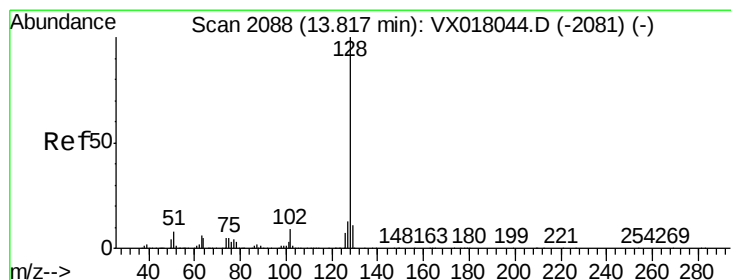
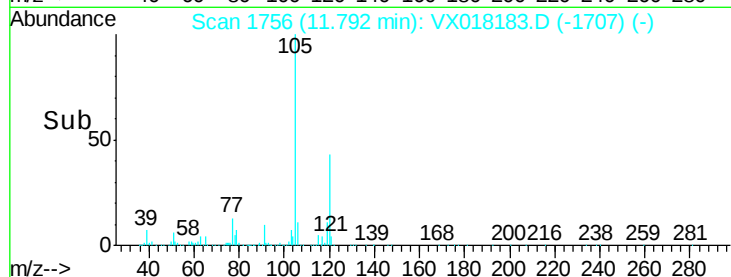
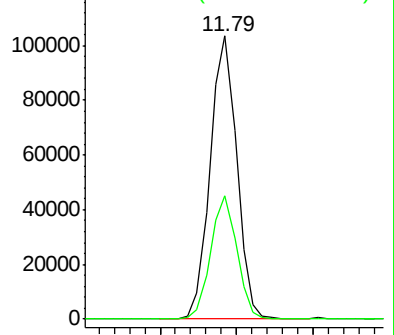
105 100

120 43.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 7.688 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018183.D

Acq: 01 Sep 2020 11:51

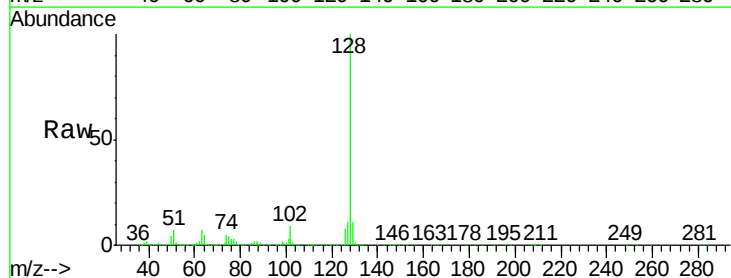
Tgt Ion:128 Resp: 183208

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

