

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018347.D
 Acq On : 10 Sep 2020 18:19
 Operator : JC/SP
 Sample : L3952-10 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16718

Quant Time: Sep 11 07:40:10 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	469768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	748235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	711602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	377683	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	325273	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
35) Dibromofluoromethane	5.47	113	245425	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
50) Toluene-d8	8.70	98	885628	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.12	95	366501	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

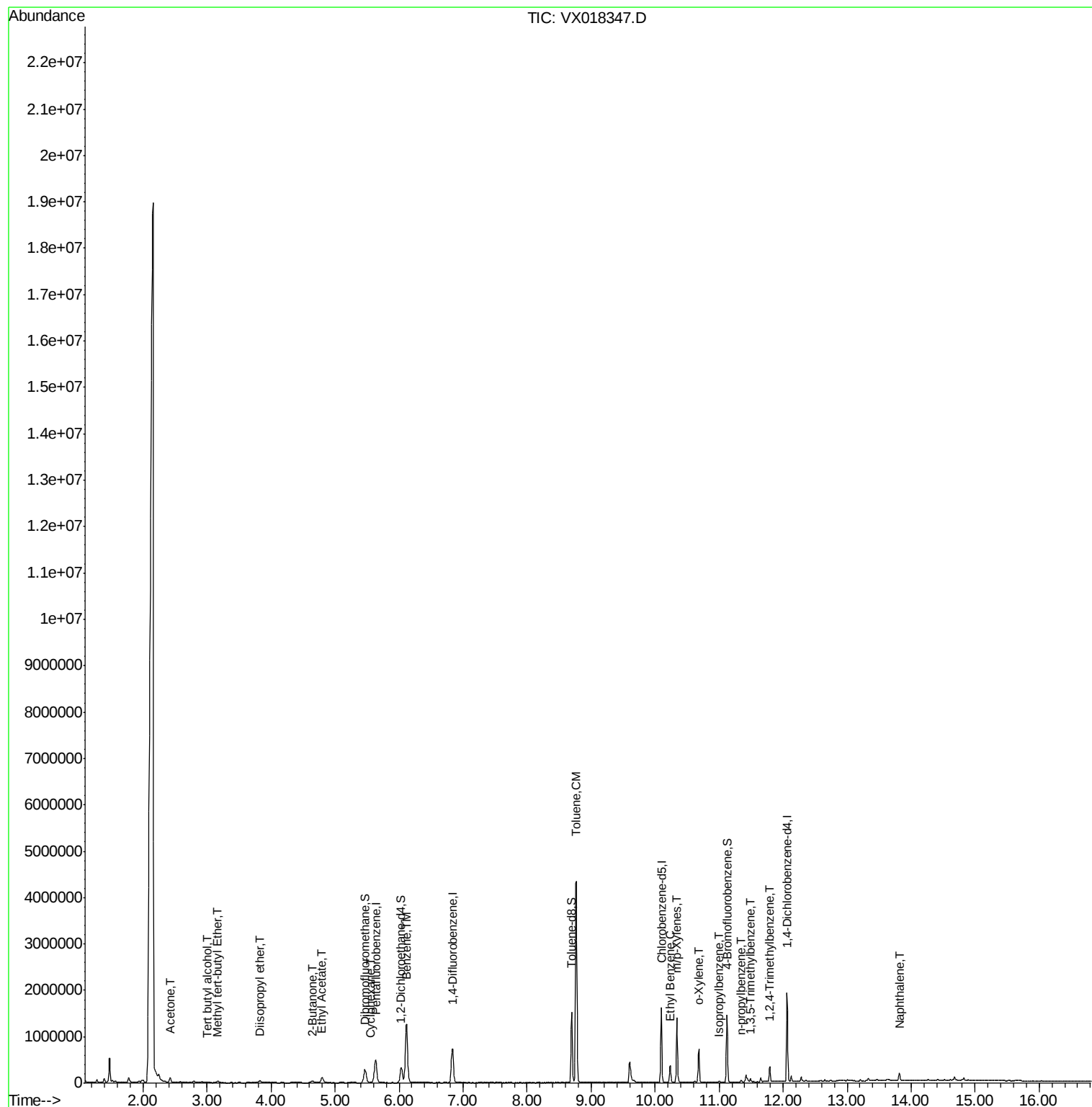
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	9991	7.879	ug/l	96
16) Acetone	2.42	43	105989	41.708	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	32368	2.056	ug/l	92
22) Diisopropyl ether	3.83	45	45464	2.793	ug/l #	86
25) 2-Butanone	4.64	43	53696	12.857	ug/l	92
31) Cyclohexane	5.56	56	5380	0.689	ug/l #	81
37) Ethyl Acetate	4.80	43	187530	23.396	ug/l	98
40) Benzene	6.12	78	1498685	73.904	ug/l	98
52) Toluene	8.77	92	1636248	127.248	ug/l	97
67) Ethyl Benzene	10.24	91	206456	8.542	ug/l	99
68) m/p-Xylenes	10.34	106	304736	33.780	ug/l	99
69) o-Xylene	10.68	106	149385	17.082	ug/l	97
73) Isopropylbenzene	11.00	105	7730	0.310	ug/l	91
78) n-propylbenzene	11.34	91	20673	0.731	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	30509	1.490	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	141207	6.747	ug/l	98
95) Naphthalene	13.82	128	98742	3.953	ug/l	97

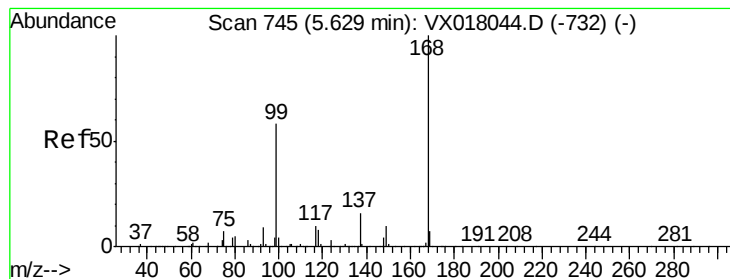
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018347.D
Acq On : 10 Sep 2020 18:19
Operator : JC/SP
Sample : L3952-10 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
16718

Quant Time: Sep 11 07:40:10 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

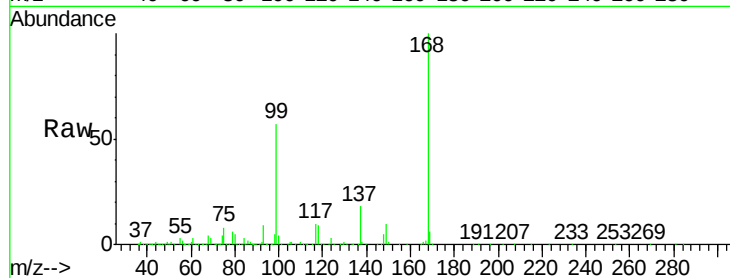
16718

Tot Ion:168 Resp: 469768

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

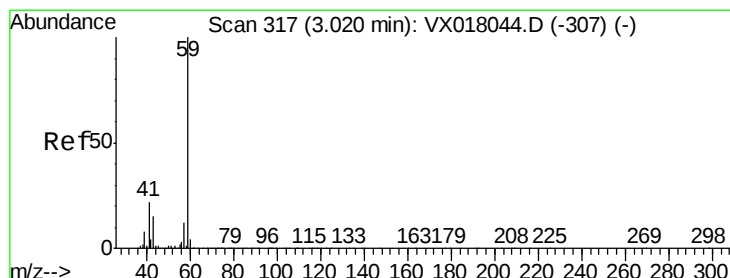
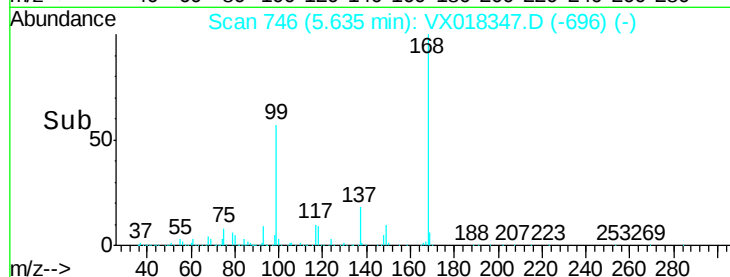
100000

50000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 7.879 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018347.D

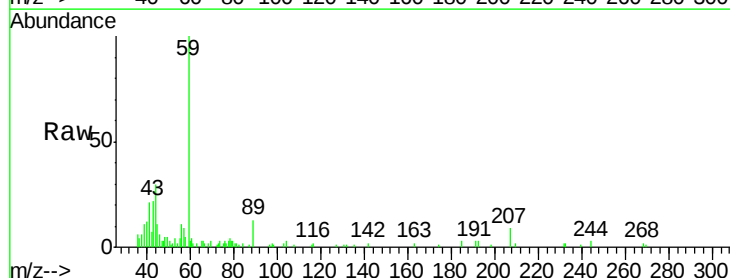
Acq: 10 Sep 2020 18:19

Tgt Ion: 59 Resp: 9991

Ion Ratio Lower Upper

59 100

57 9.6 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

5000

4000

3000

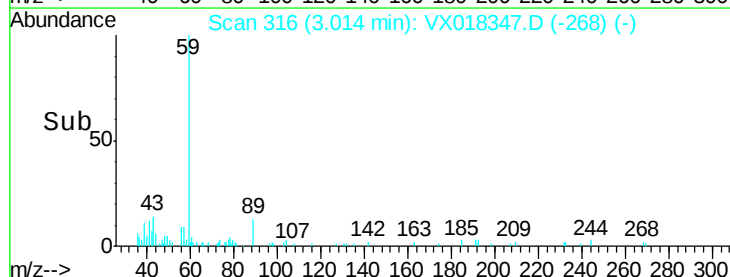
2000

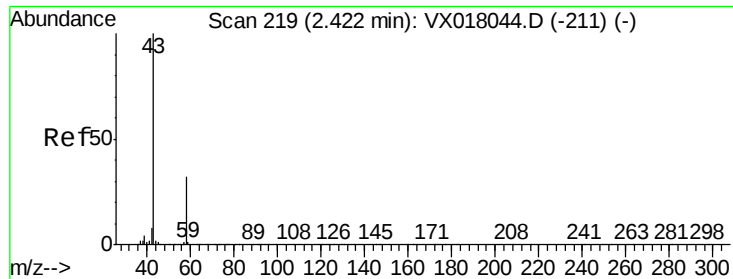
1000

0

Time-->

2.90 2.95 3.00 3.05 3.10





#16

Acetone

Concen: 41.708 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

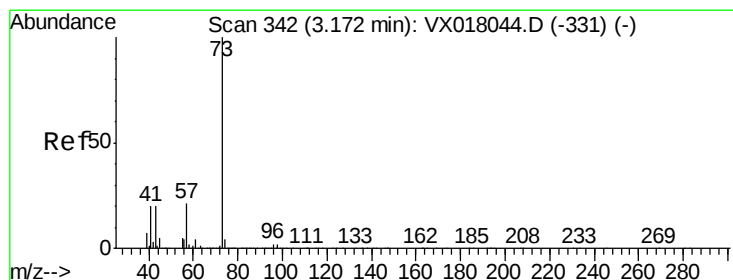
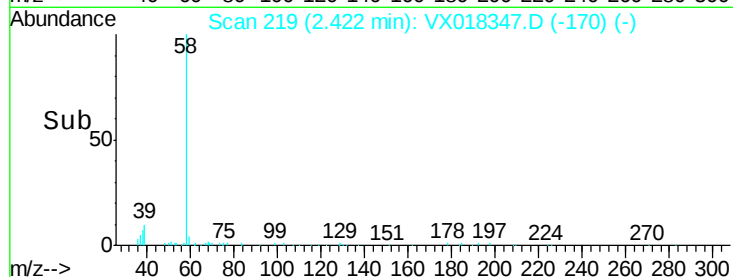
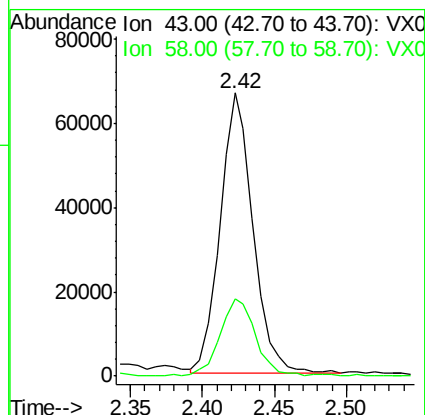
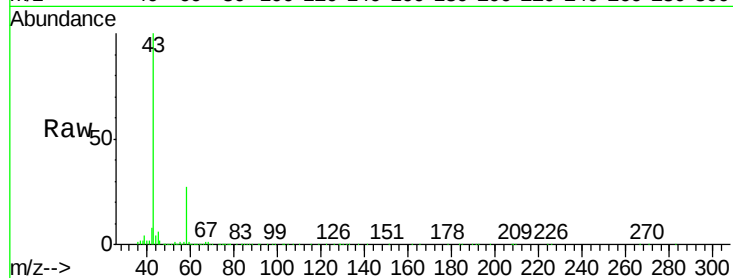
16718

Tot Ion: 43 Resp: 105989

Ion Ratio Lower Upper

43 100

58 27.3 25.5 38.3



#19

Methyl tert-butyl Ether

Concen: 2.056 ug/l

RT: 3.17 min Scan# 342

Delta R.T. -0.00 min

Lab File: VX018347.D

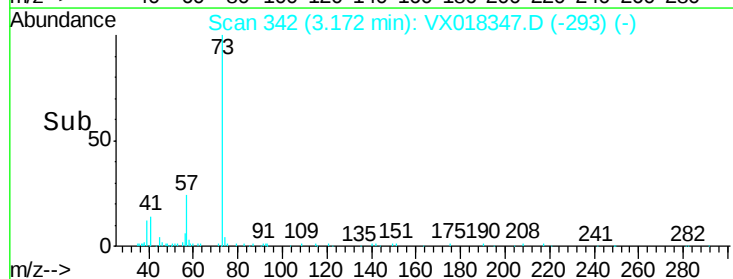
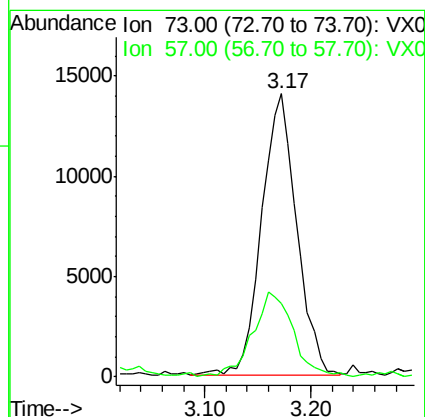
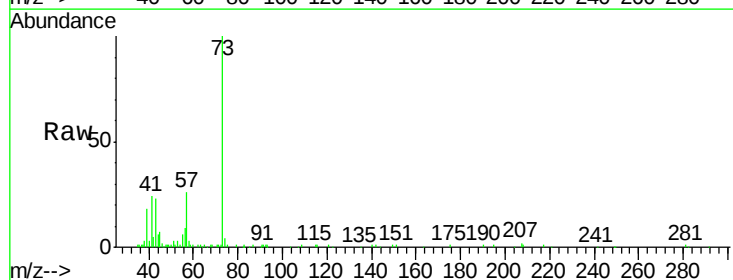
Acq: 10 Sep 2020 18:19

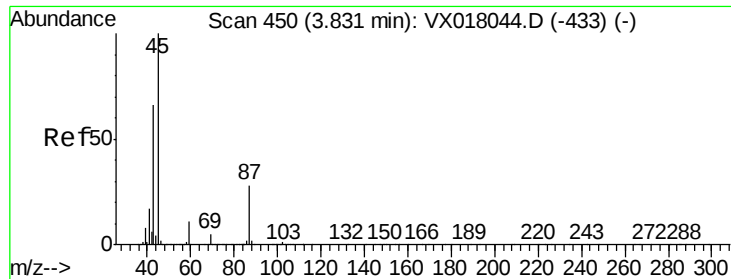
Tgt Ion: 73 Resp: 32368

Ion Ratio Lower Upper

73 100

57 24.7 16.8 25.2





#22

Diisopropyl ether

Concen: 2.793 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

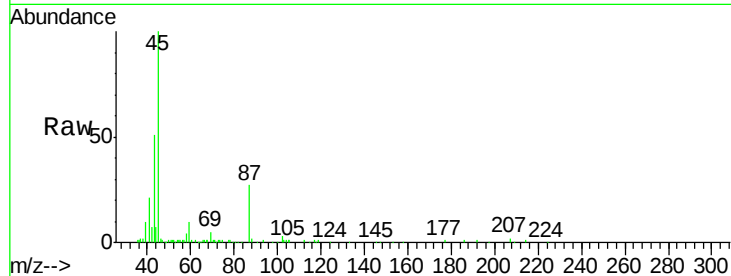
Instrument :

MSVOA_X

ClientSampleId :

16718

Tot Ion:	45	Resp:	45464
Ion	Ratio	Lower	Upper
45	100		
43	50.2	52.8	79.2#
87	26.9	22.5	33.7
59	9.5	9.0	13.6

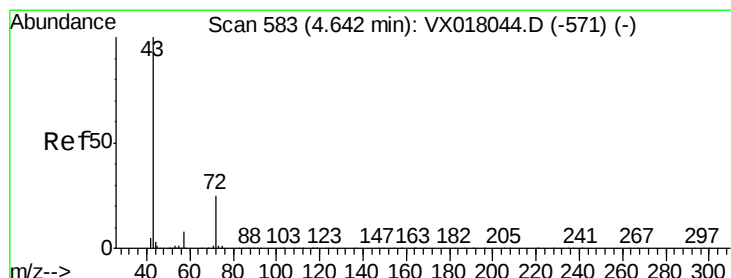
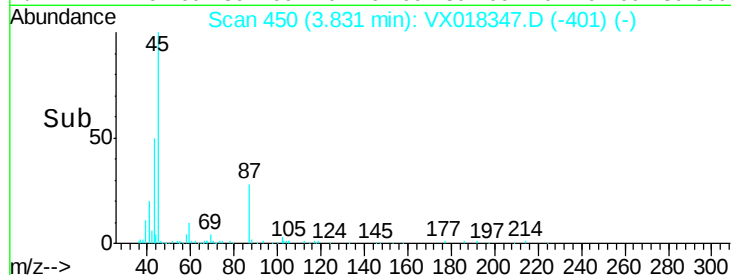
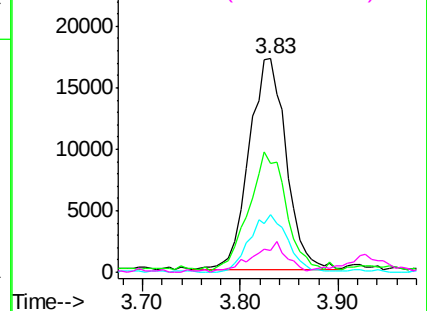


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#25

2-Butanone

Concen: 12.857 ug/l

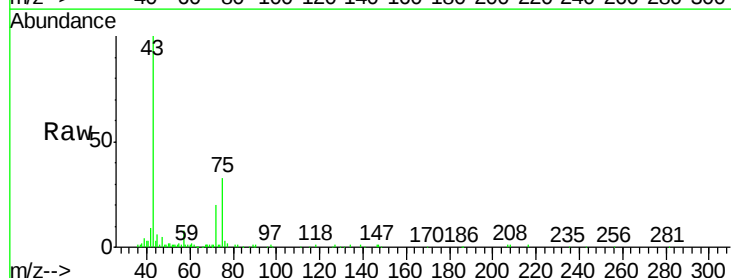
RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018347.D

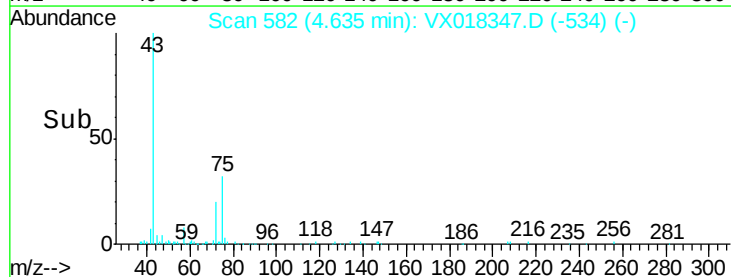
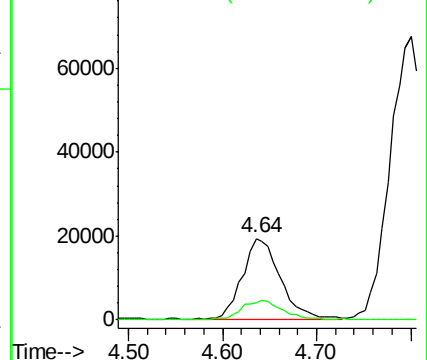
Acq: 10 Sep 2020 18:19

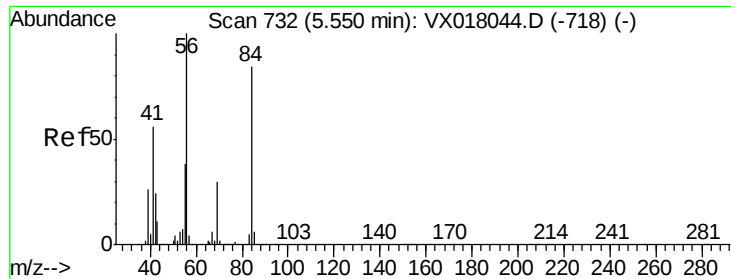
Tgt Ion:	43	Resp:	53696
Ion	Ratio	Lower	Upper
43	100		
72	20.5	19.8	29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

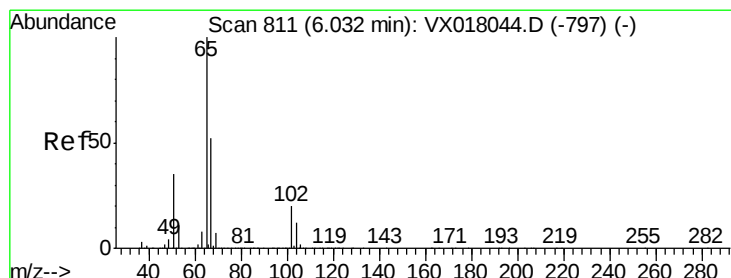
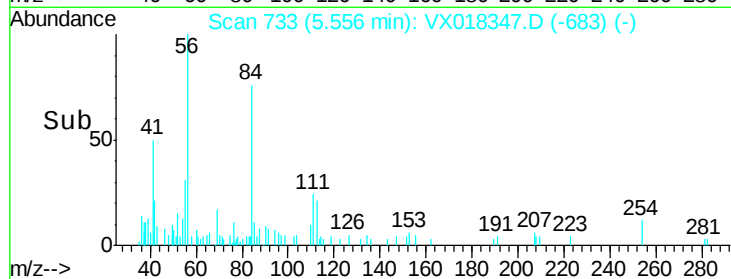
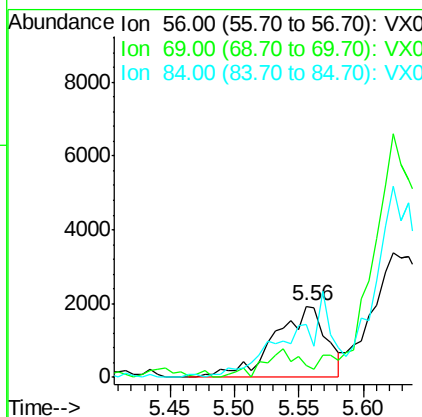
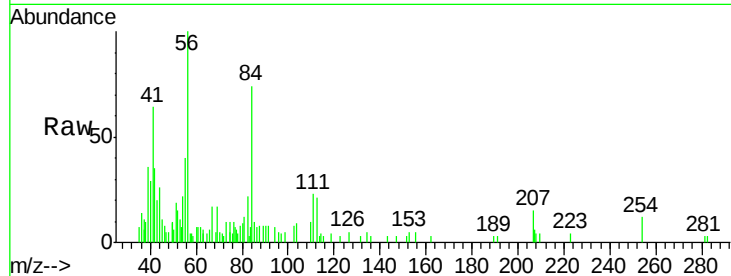




#31
Cyclohexane
Concen: 0.689 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

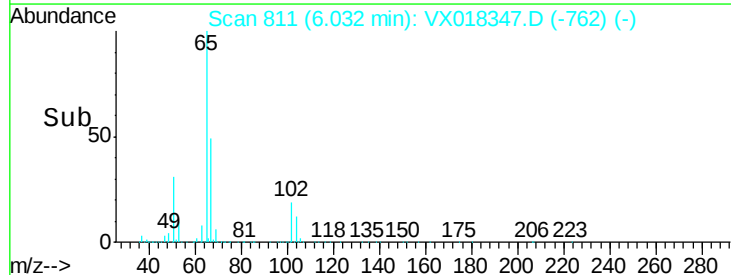
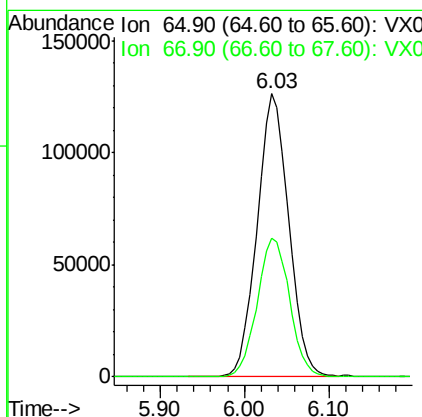
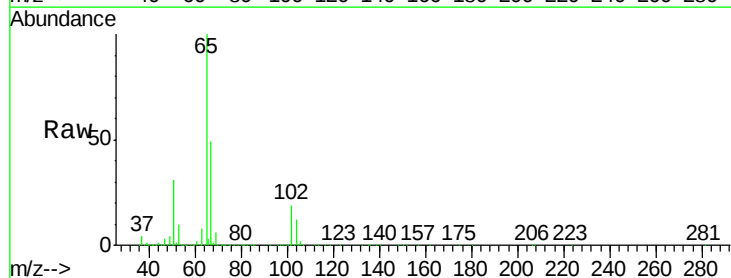
Instrument :
MSVOA_X
ClientSampleId :
16718

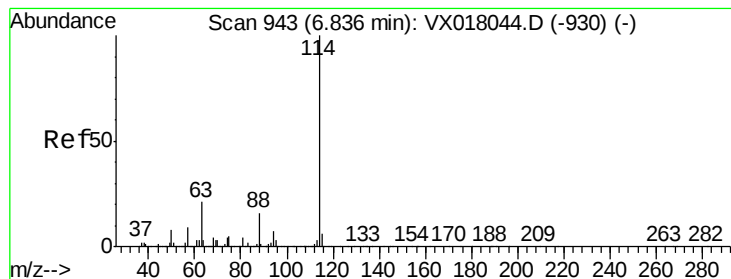
Tot Ion: 56 Resp: 5380
Ion Ratio Lower Upper
56 100
69 13.6 23.9 35.9#
84 69.8 67.0 100.4



#33
1,2-Dichloroethane-d4
Concen: 49.876 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion: 65 Resp: 325273
Ion Ratio Lower Upper
65 100
67 50.3 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: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

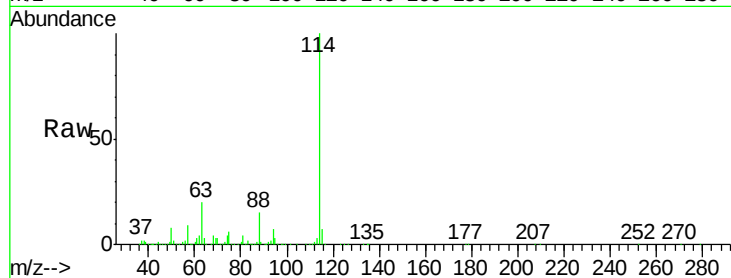
Tot Ion:114 Resp: 748235

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 15.3 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

6.84

400000

300000

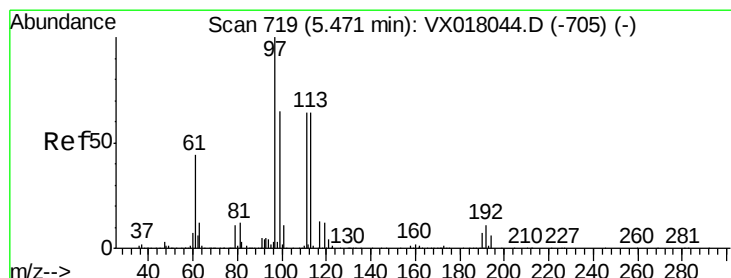
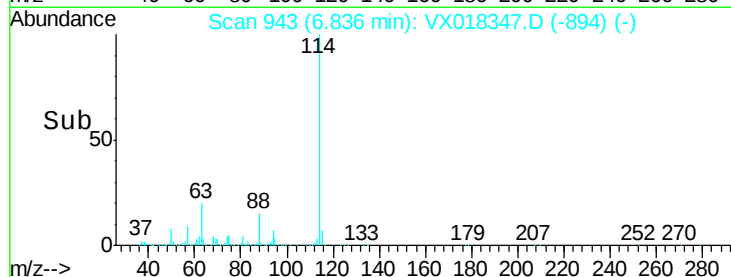
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.162 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

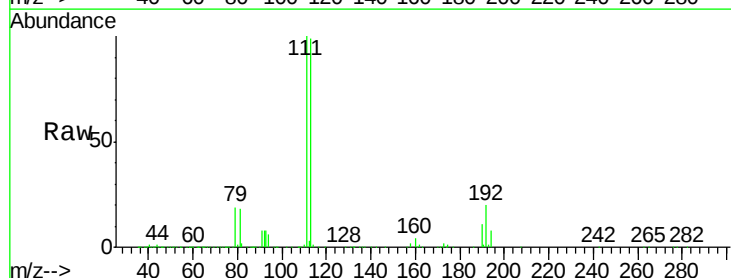
Tgt Ion:113 Resp: 245425

Ion Ratio Lower Upper

113 100

111 105.1 81.6 122.4

192 20.0 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

5.47

120000

100000

80000

60000

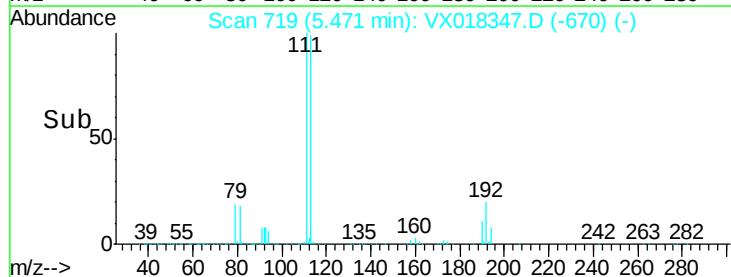
40000

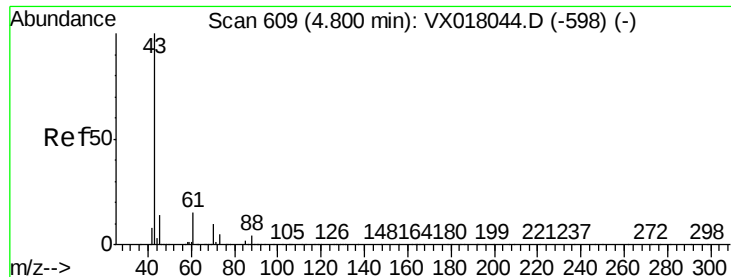
20000

0

5.40 5.50 5.60

Time-->

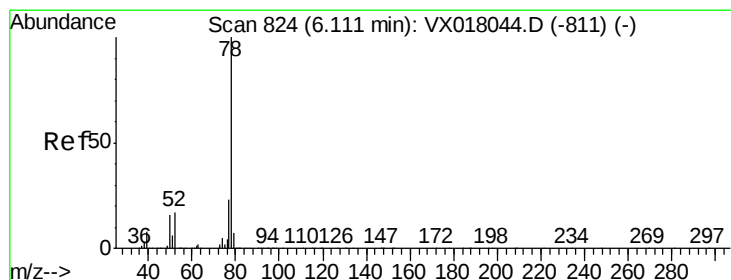
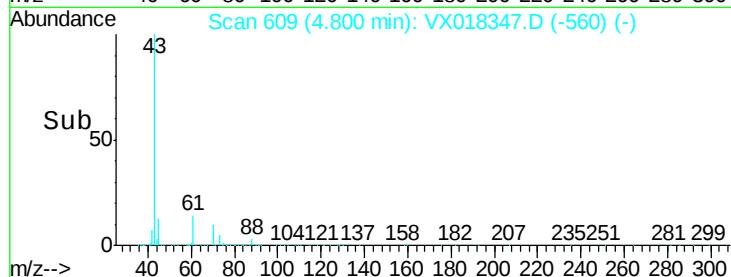
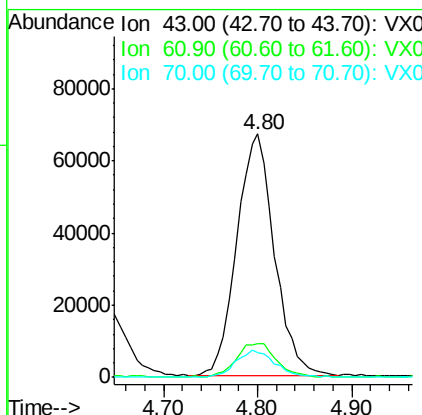
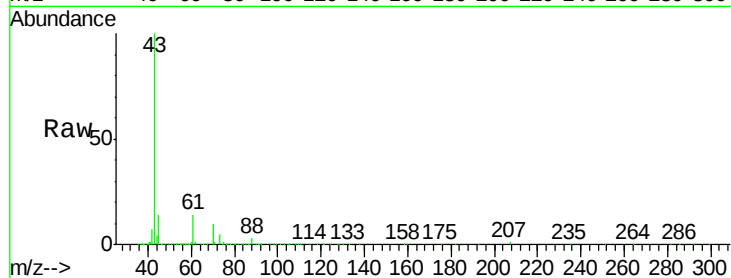




#37
Ethyl Acetate
Concen: 23.396 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

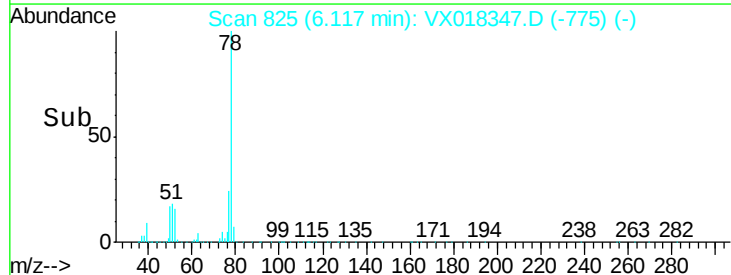
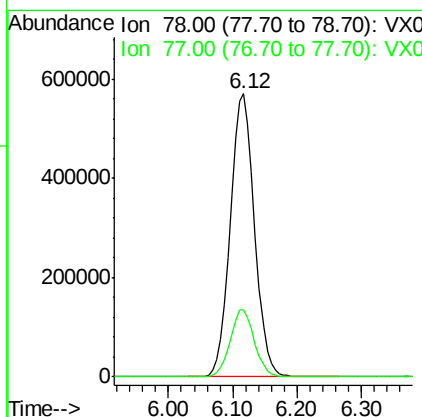
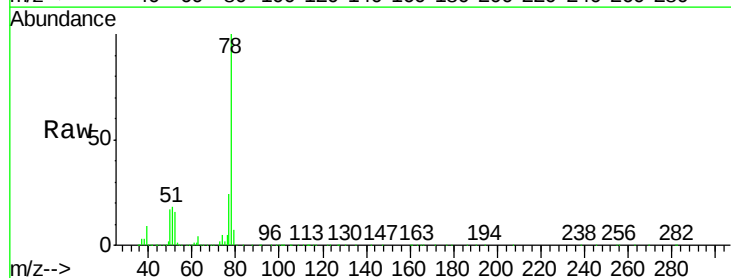
Instrument :
MSVOA_X
ClientSampled :
16718

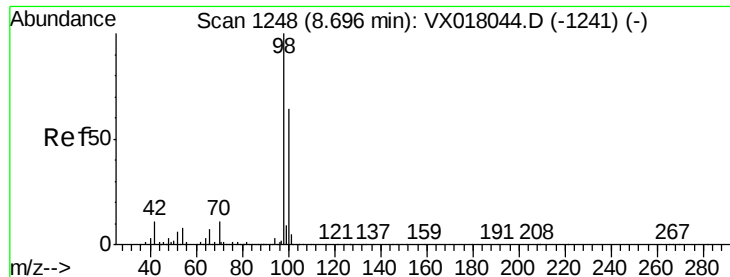
Tot Ion: 43 Resp: 187530
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 11.5 8.2 12.4



#40
Benzene
Concen: 73.904 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion: 78 Resp: 1498685
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2





#50

Toluene-d8

Concen: 46.662 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

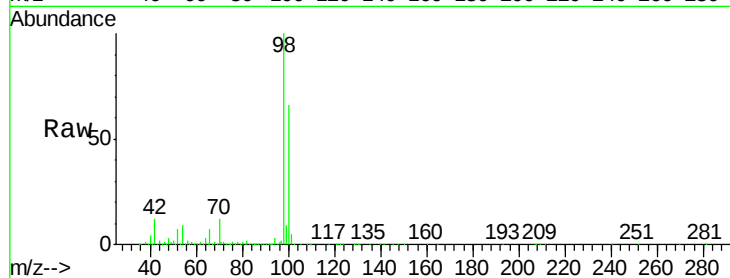
16718

Tot Ion: 98 Resp: 885628

Ion Ratio Lower Upper

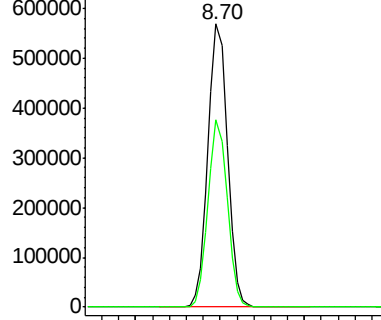
98 100

100 64.9 52.2 78.4

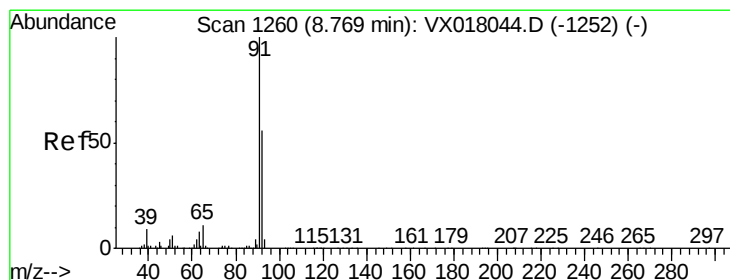
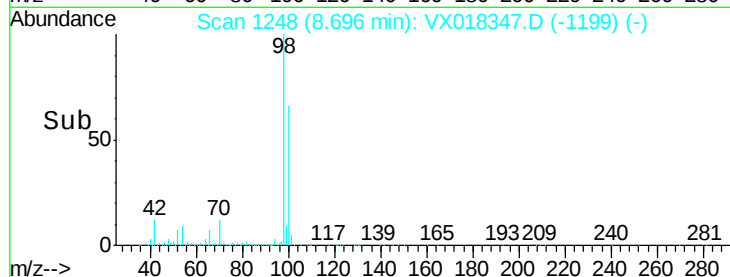


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#52

Toluene

Concen: 127.248 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018347.D

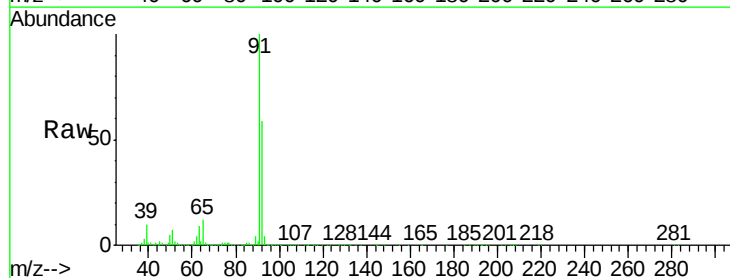
Acq: 10 Sep 2020 18:19

Tgt Ion: 92 Resp: 1636248

Ion Ratio Lower Upper

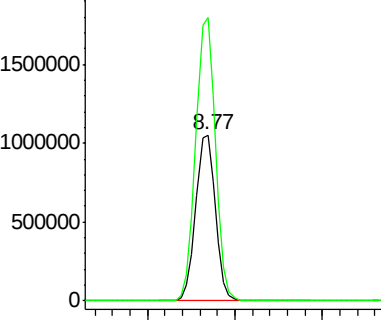
92 100

91 171.3 140.3 210.5

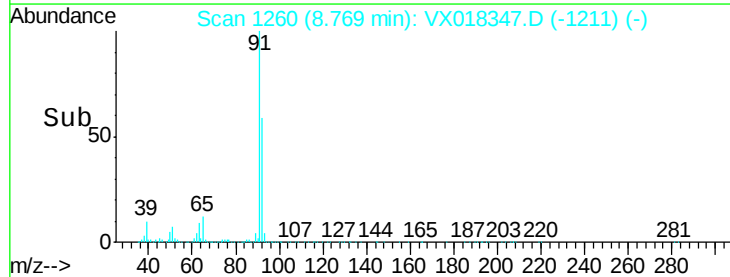


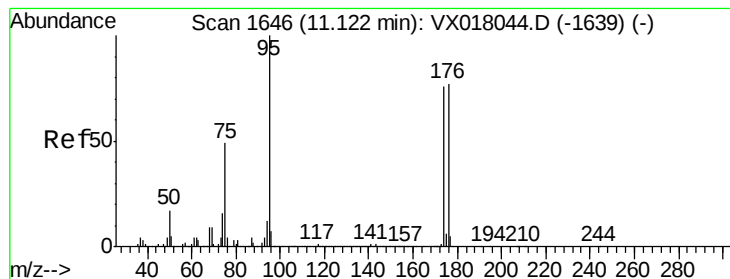
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#62

4-Bromofluorobenzene

Concen: 49.080 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

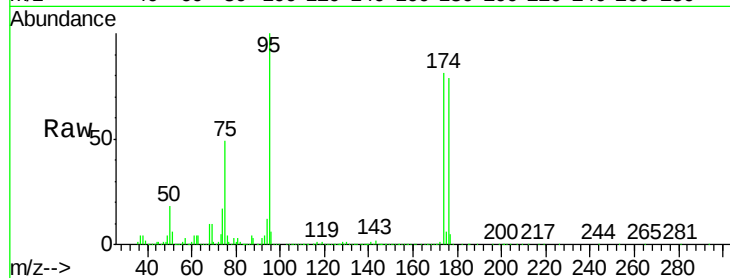
Tot Ion: 95 Resp: 366501

Ion Ratio Lower Upper

95 100

174 79.1 0.0 160.2

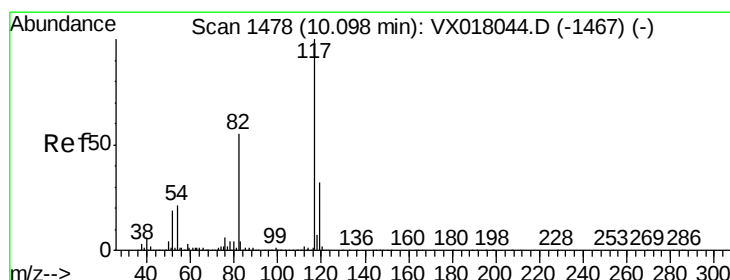
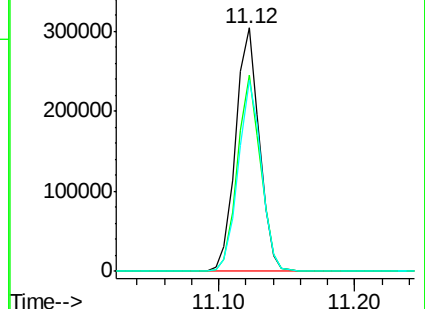
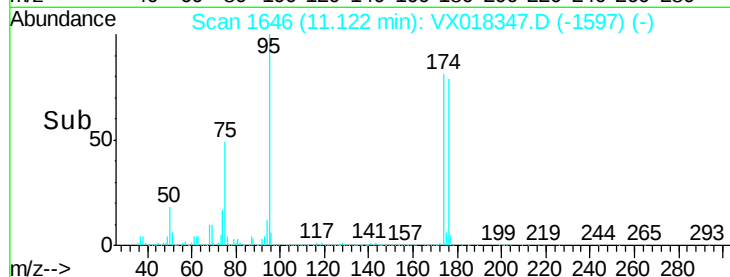
176 76.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018347.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018347.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018347.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

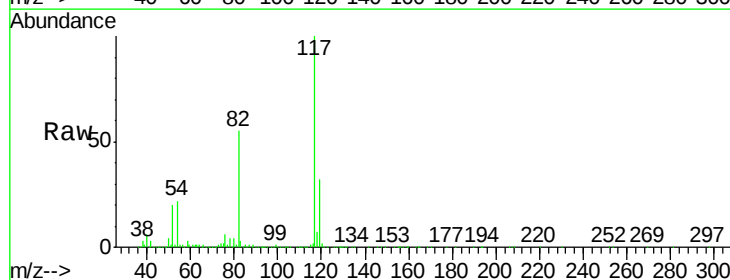
Tgt Ion: 117 Resp: 711602

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

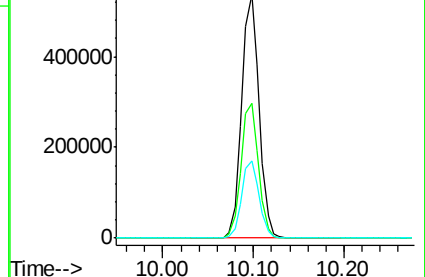
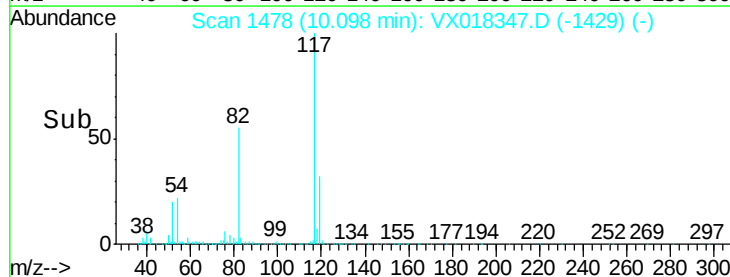
119 31.7 25.7 38.5

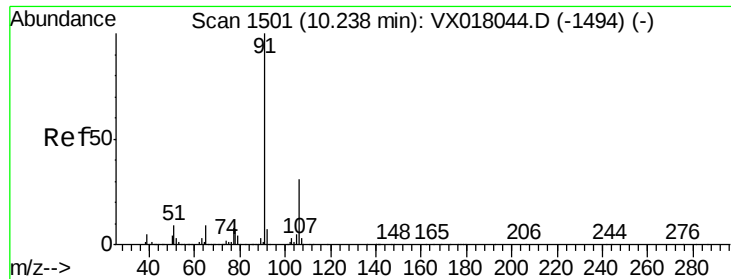


Abundance Ion 116.90 (116.60 to 117.60): VX018347.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018347.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018347.D (-1429) (-)





#67

Ethyl Benzene

Concen: 8.542 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

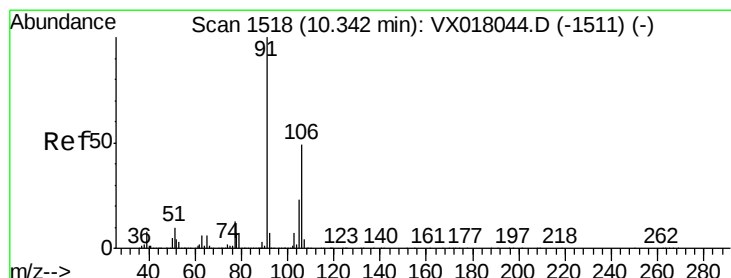
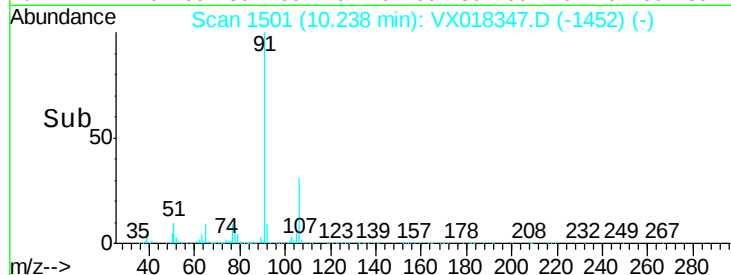
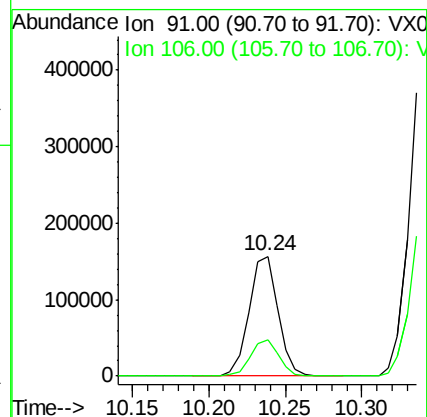
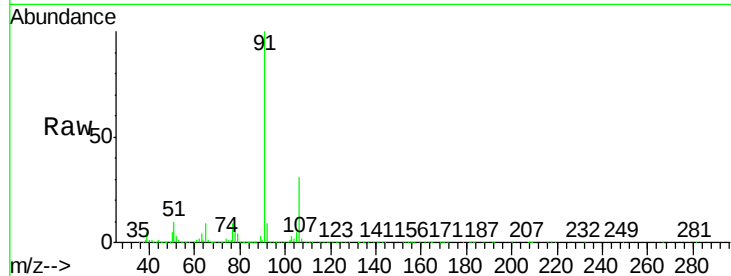
16718

Tot Ion: 91 Resp: 206456

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3



#68

m/p-Xylenes

Concen: 33.780 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018347.D

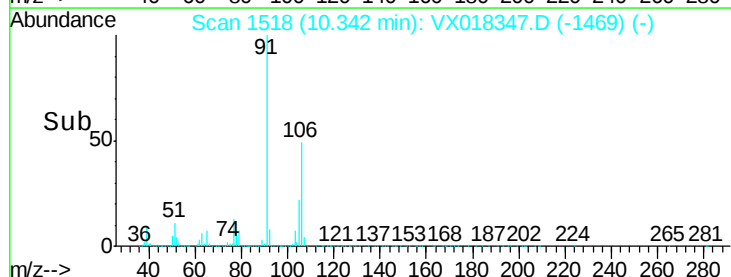
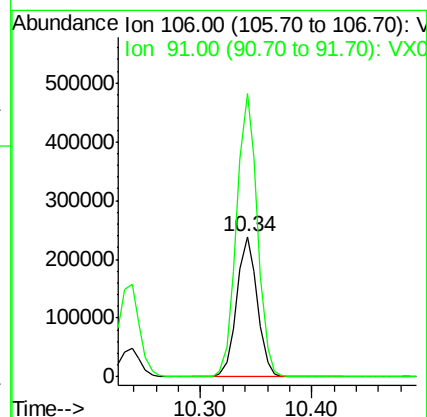
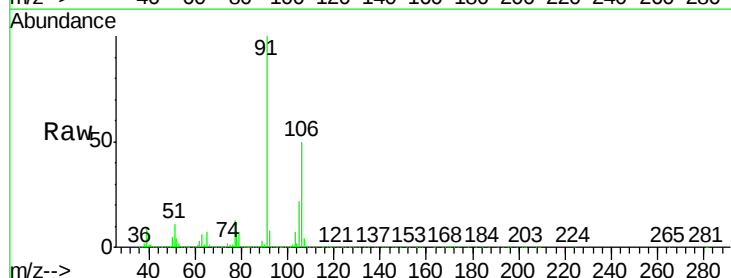
Acq: 10 Sep 2020 18:19

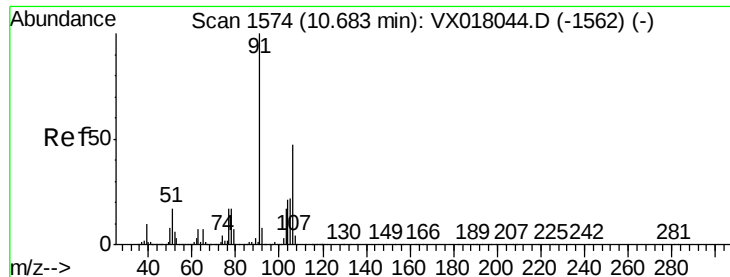
Tgt Ion: 106 Resp: 304736

Ion Ratio Lower Upper

106 100

91 204.1 162.2 243.2

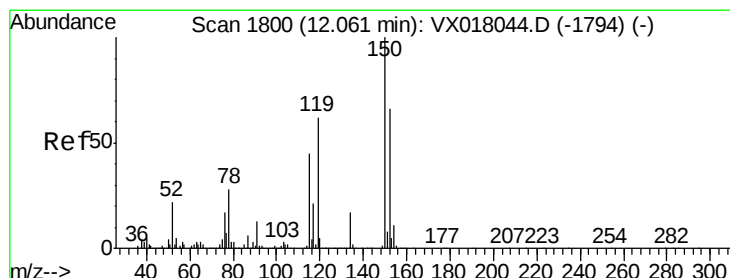
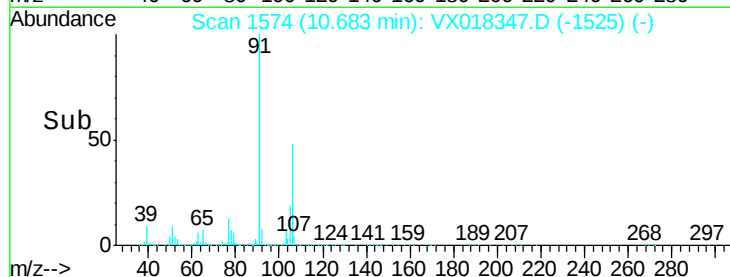
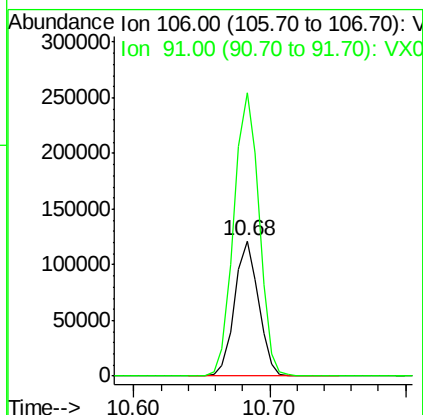
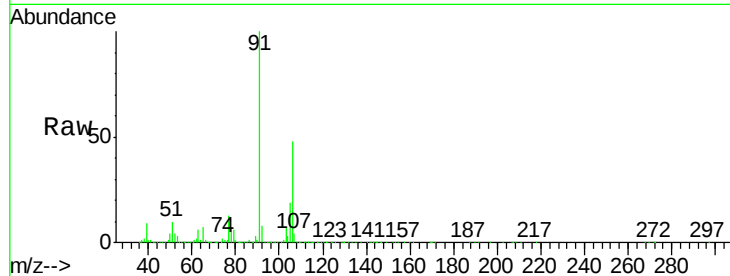




#69
o-Xylene
Concen: 17.082 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

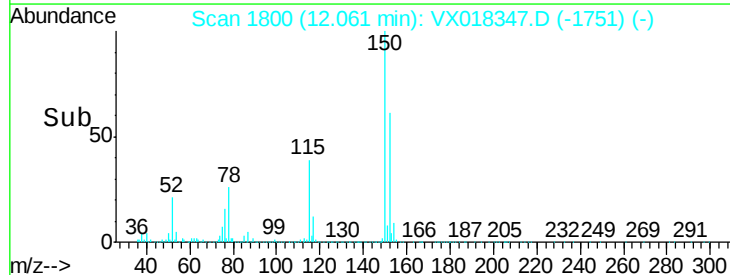
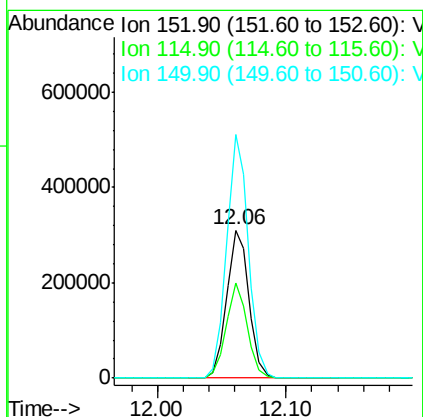
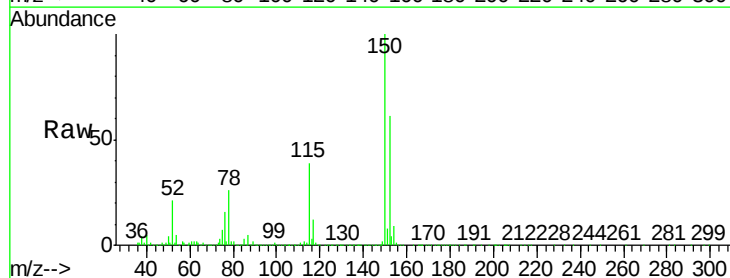
Instrument :
MSVOA_X
ClientSampled :
16718

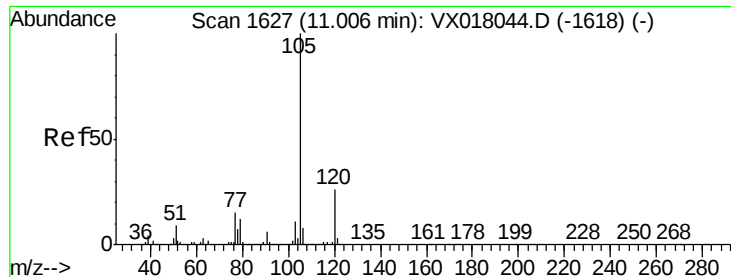
Tot Ion:106 Resp: 149385
Ion Ratio Lower Upper
106 100
91 219.7 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018347.D
Acq: 10 Sep 2020 18:19

Tgt Ion:152 Resp: 377683
Ion Ratio Lower Upper
152 100
115 60.6 41.5 124.5
150 160.8 0.0 343.8





#73

Isopropylbenzene

Concen: 0.310 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

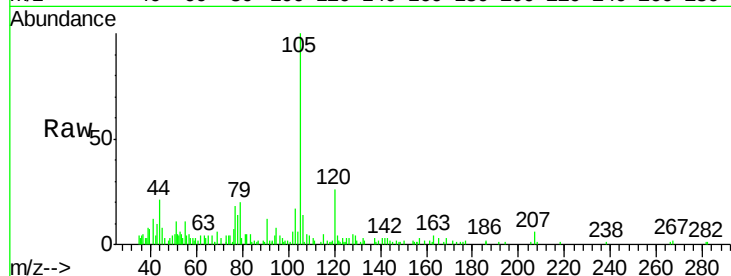
16718

Tot Ion: 105 Resp: 7730

Ion Ratio Lower Upper

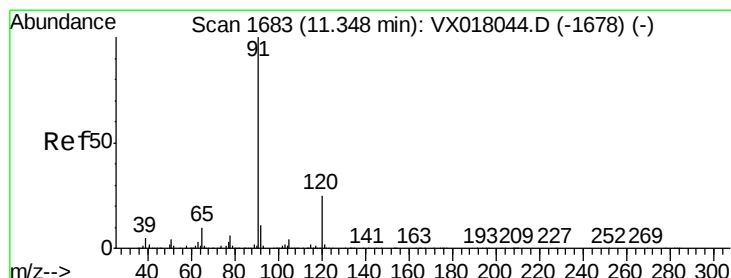
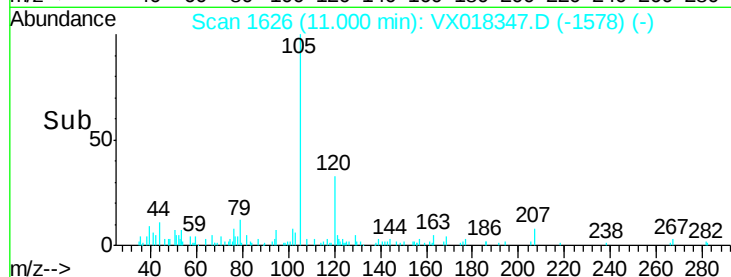
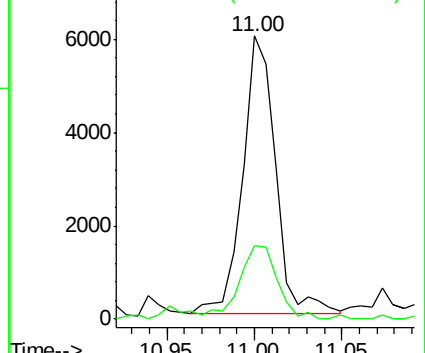
105 100

120 31.1 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: 0.731 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018347.D

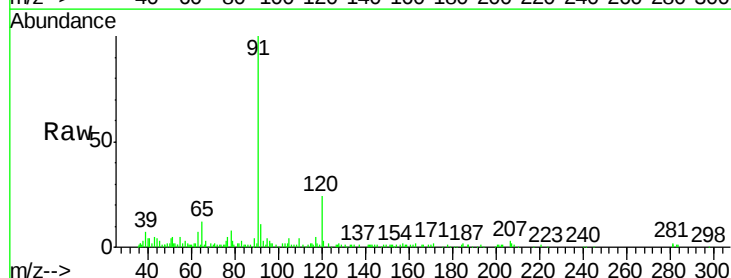
Acq: 10 Sep 2020 18:19

Tgt Ion: 91 Resp: 20673

Ion Ratio Lower Upper

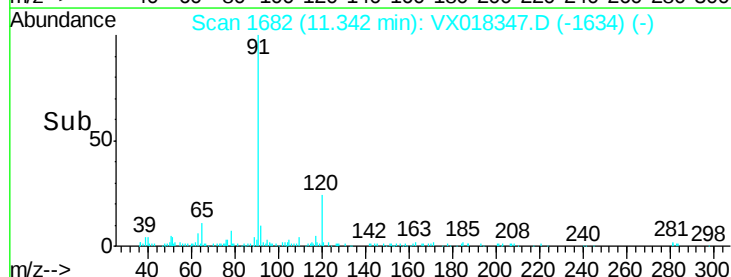
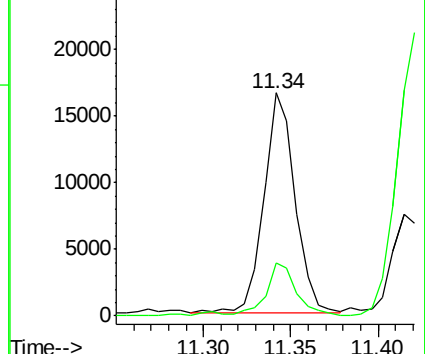
91 100

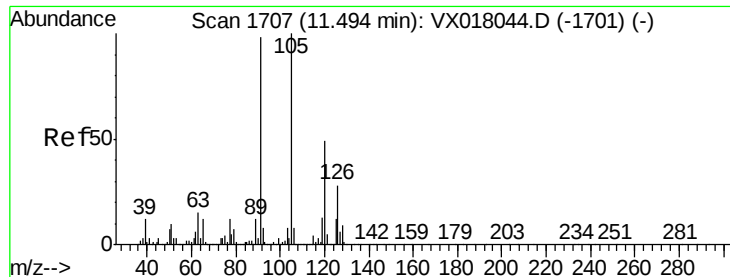
120 23.5 11.9 35.9



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: 1.490 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

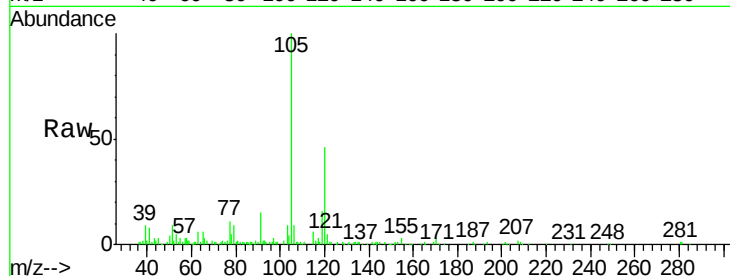
16718

Tot Ion:105 Resp: 30509

Ion Ratio Lower Upper

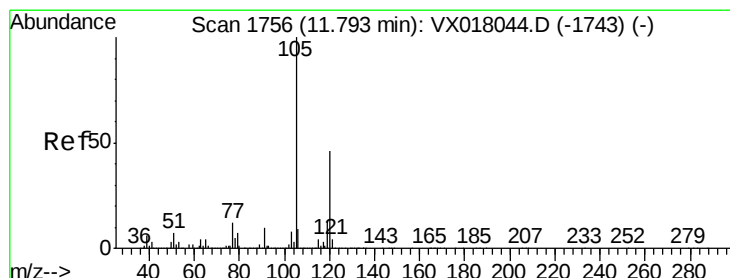
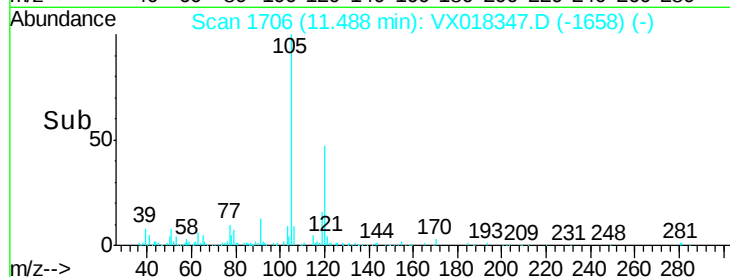
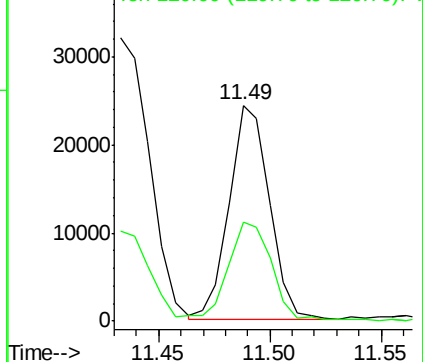
105 100

120 48.6 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.747 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018347.D

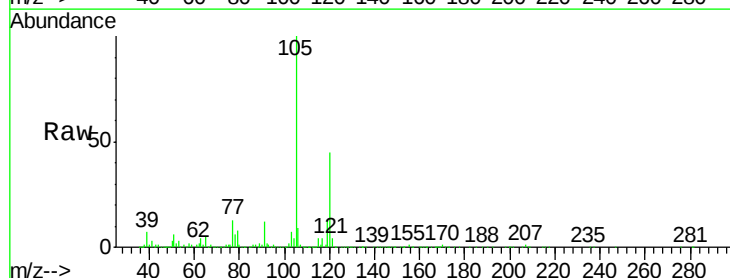
Acq: 10 Sep 2020 18:19

Tgt Ion:105 Resp: 141207

Ion Ratio Lower Upper

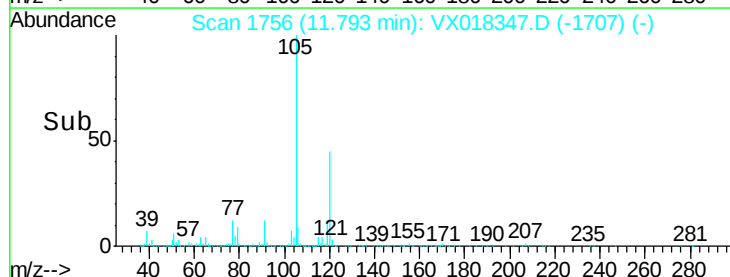
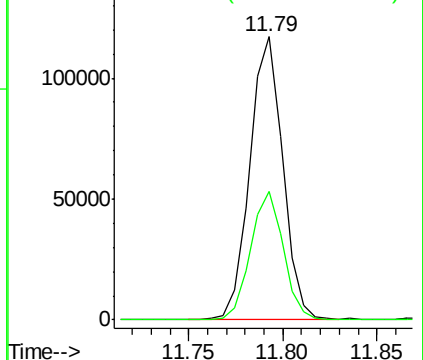
105 100

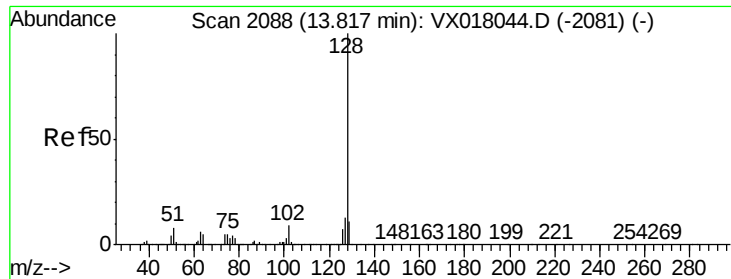
120 45.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.953 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018347.D

Acq: 10 Sep 2020 18:19

Instrument :

MSVOA_X

ClientSampleId :

16718

Tot Ion:128 Resp: 98742

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.2

129 11.9 8.7 13.1

