

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018345.D
 Acq On : 10 Sep 2020 17:34
 Operator : JC/SP
 Sample : L3953-01 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N2930S

Quant Time: Sep 11 07:34:41 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	5.63	168	440181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	697409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	667057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	353903	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	304122	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
35) Dibromofluoromethane	5.47	113	235064	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
50) Toluene-d8	8.70	98	836439	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.12	95	350044	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	

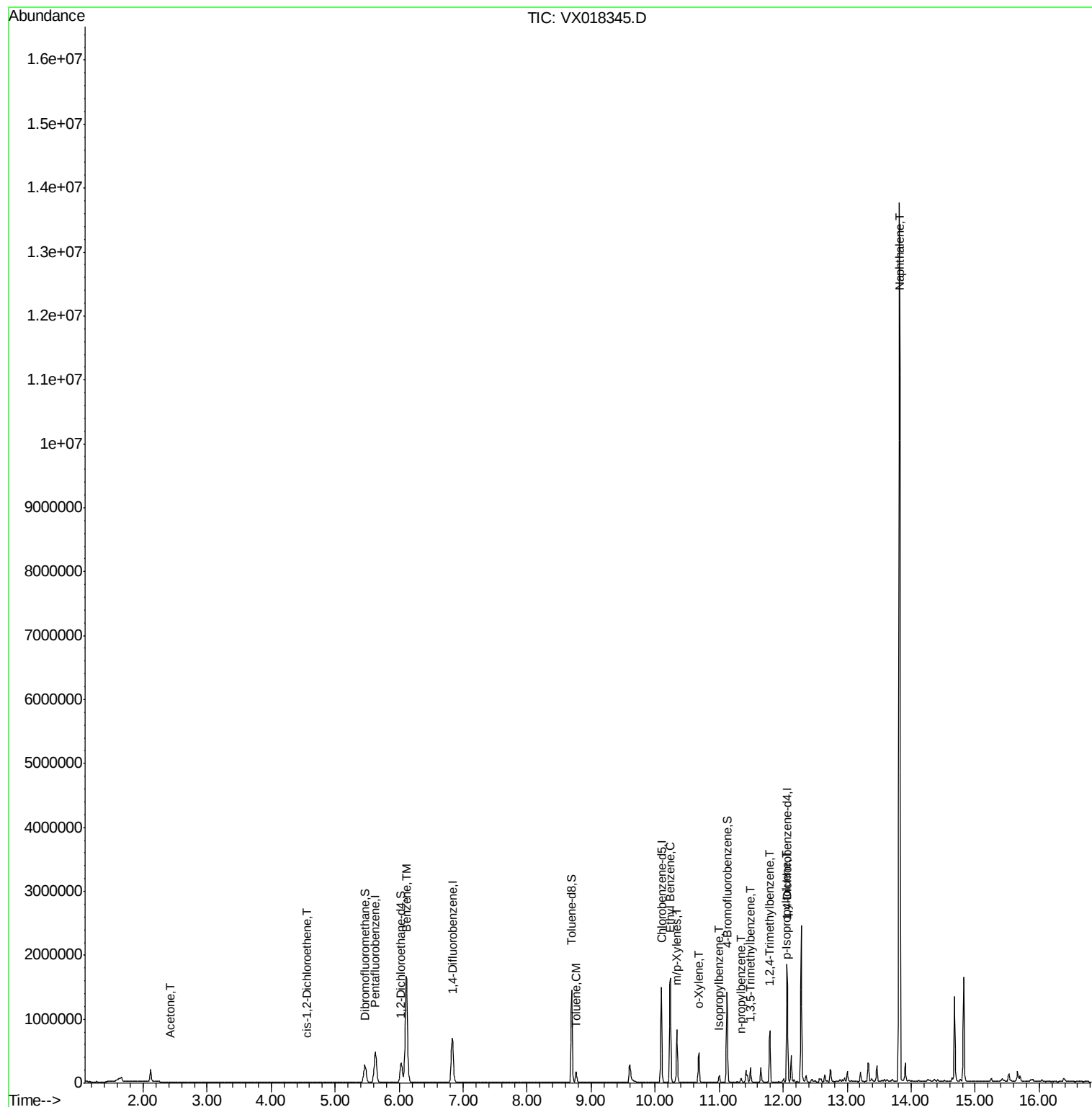
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	5220	2.192	ug/l #	81
27) cis-1,2-Dichloroethene	4.56	96	4208	0.766	ug/l	95
40) Benzene	6.11	78	1984620	104.999	ug/l	98
52) Toluene	8.77	92	59870	4.995	ug/l	98
67) Ethyl Benzene	10.24	91	914669	40.371	ug/l	99
68) m/p-Xylenes	10.34	106	186212	22.020	ug/l	95
69) o-Xylene	10.68	106	94160	11.486	ug/l	91
73) Isopropylbenzene	11.00	105	53271	2.282	ug/l	99
78) n-propylbenzene	11.34	91	38149	1.439	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	103869	5.415	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	342657	17.471	ug/l	99
86) p-Isopropyltoluene	12.05	119	6622	0.335	ug/l #	70
95) Naphthalene	13.82	128	8087566	345.571	ug/l	99

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

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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: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

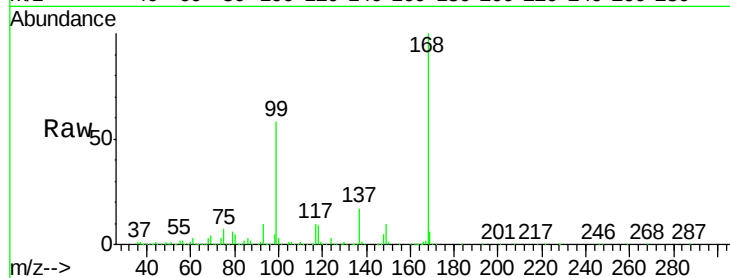
N2930S

Tot Ion:168 Resp: 440181

Ion Ratio Lower Upper

168 100

99 57.9 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

100000

50000

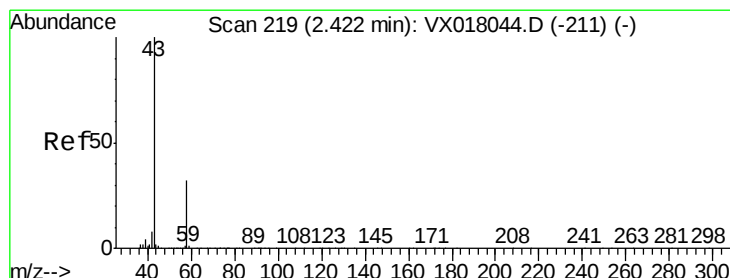
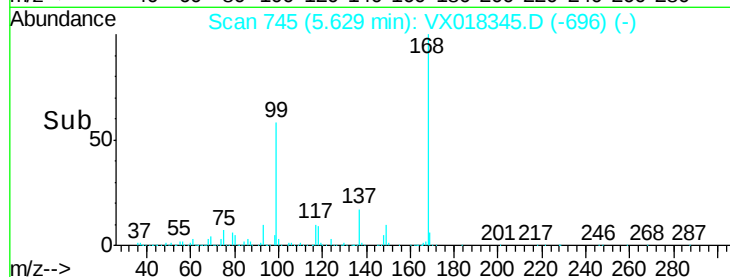
0

Time-->

5.50

5.60

5.70



#16

Acetone

Concen: 2.192 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018345.D

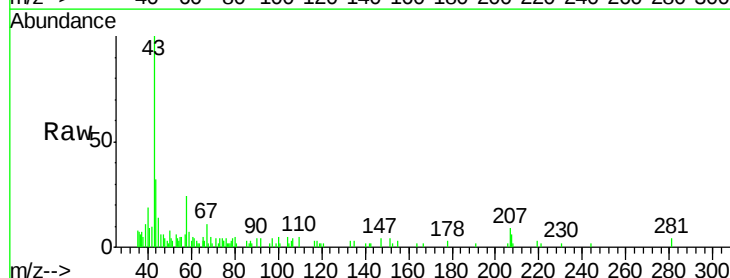
Acq: 10 Sep 2020 17:34

Tgt Ion: 43 Resp: 5220

Ion Ratio Lower Upper

43 100

58 21.4 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2000

1000

0

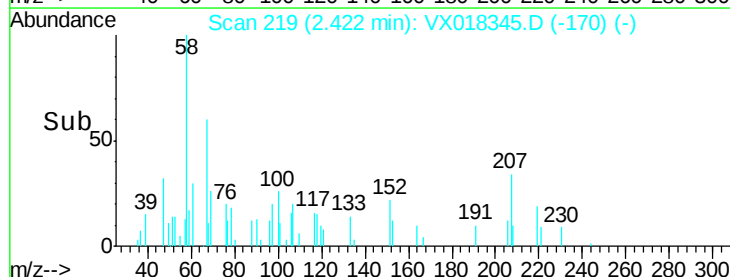
Time-->

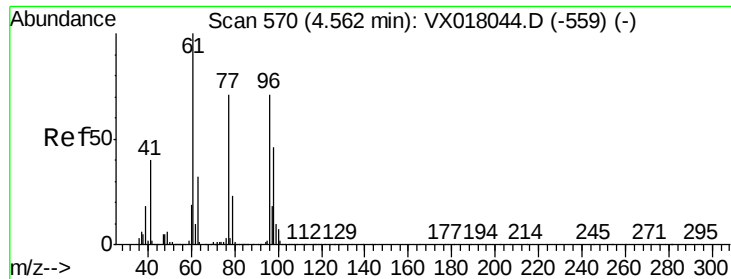
2.35

2.40

2.45

2.50



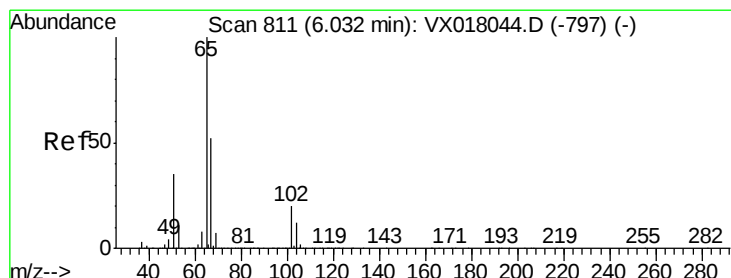
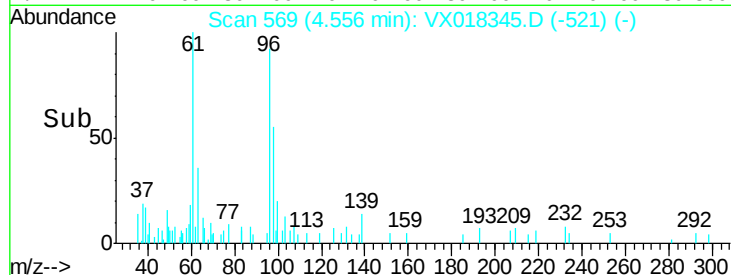
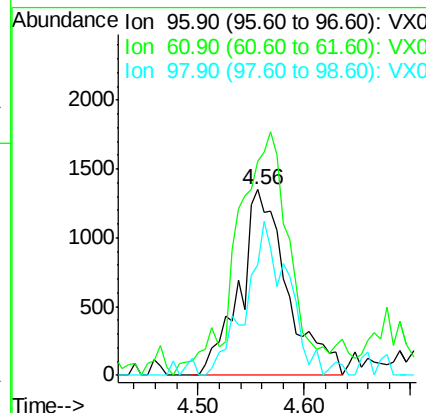
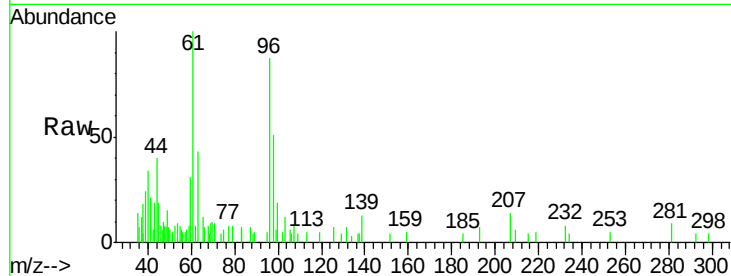


#27

cis-1,2-Dichloroethene
Concen: 0.766 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018345.D
Acq: 10 Sep 2020 17:34

Instrument :
MSVOA_X
ClientSampleId :
N2930S

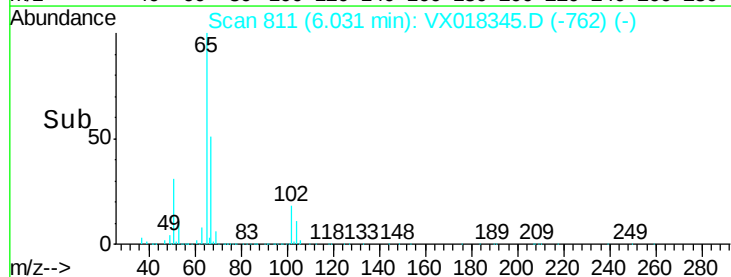
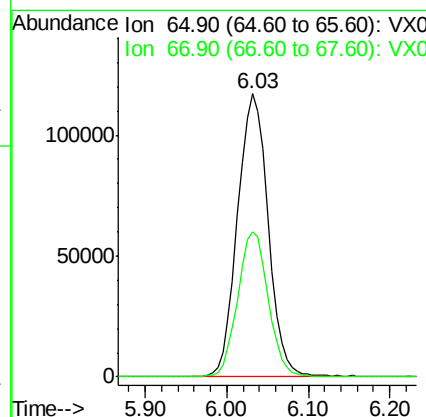
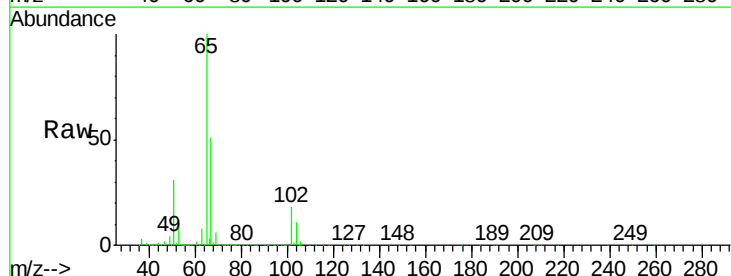
Tot Ion: 96 Resp: 4208
Ion Ratio Lower Upper
96 100
61 144.8 0.0 296.6
98 72.8 0.0 130.2

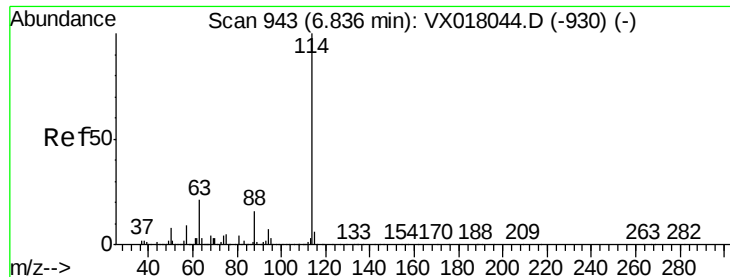


#33

1,2-Dichloroethane-d4
Concen: 49.768 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018345.D
Acq: 10 Sep 2020 17:34

Tgt Ion: 65 Resp: 304122
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

N2930S

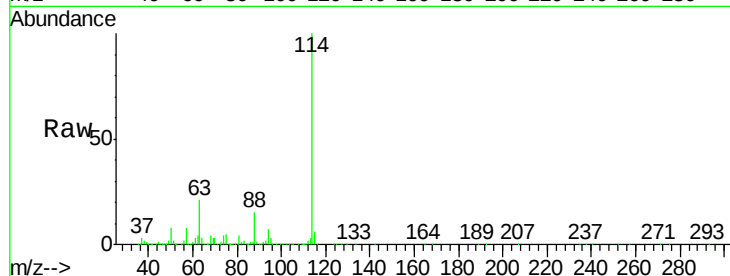
Tot Ion:114 Resp: 697409

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

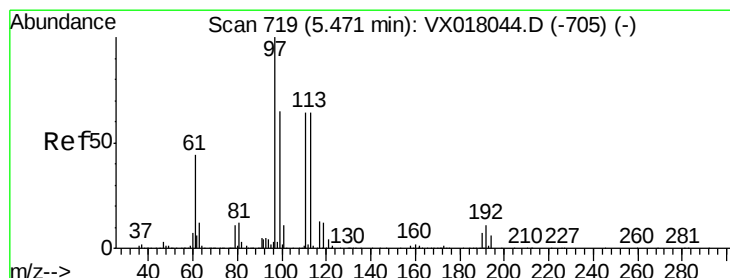
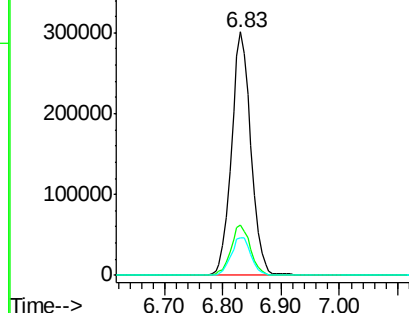
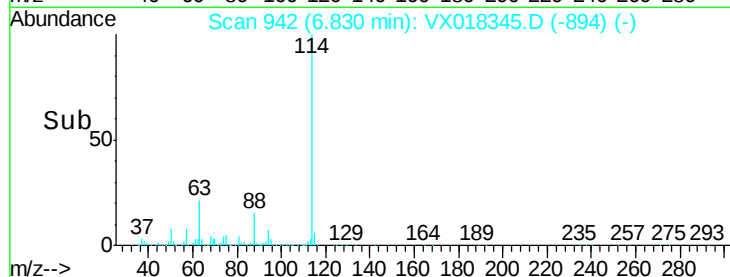
88 15.2 0.0 31.8



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: 49.490 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

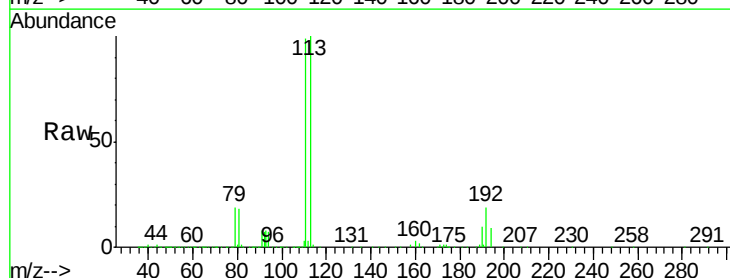
Tgt Ion:113 Resp: 235064

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

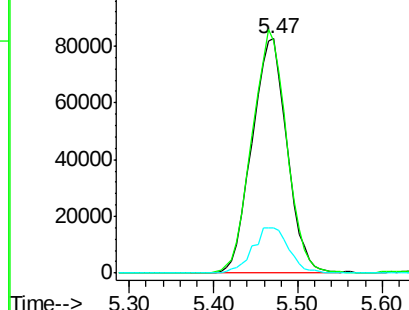
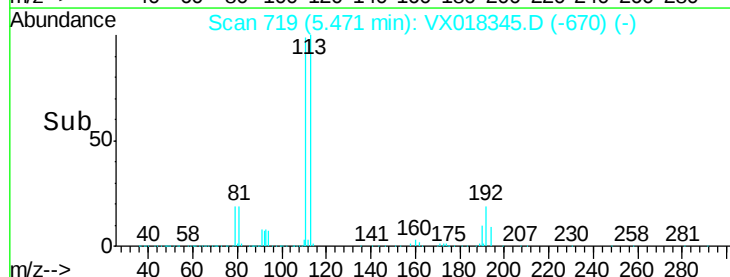
192 20.3 15.8 23.8

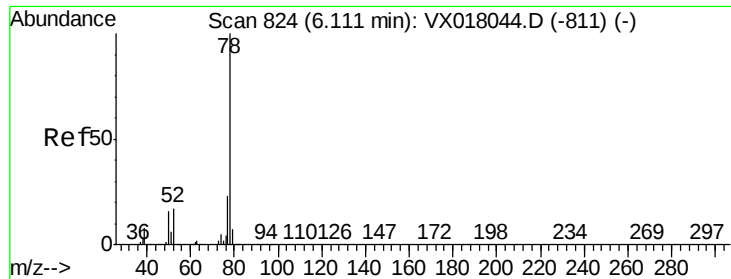


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 104.999 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

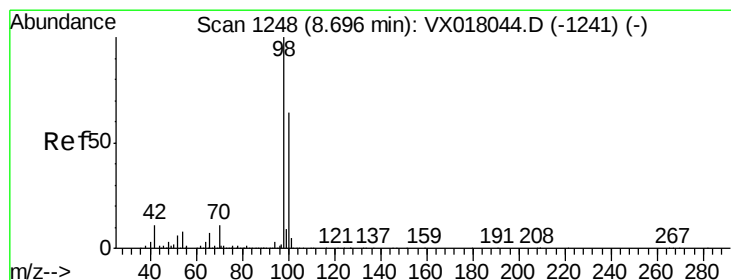
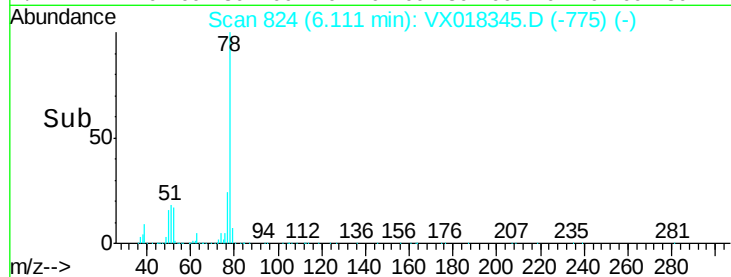
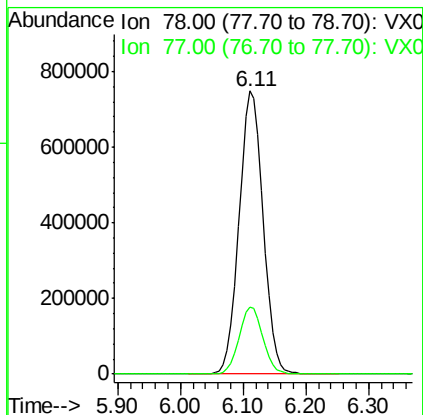
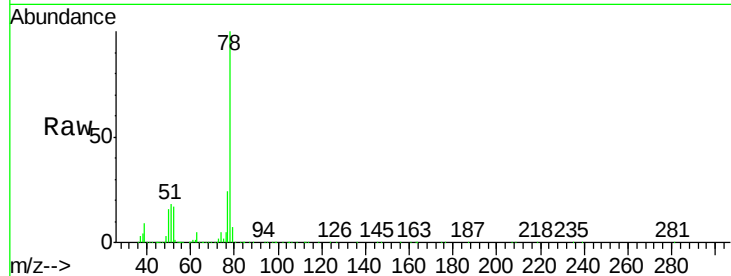
N2930S

Tot Ion: 78 Resp: 1984620

Ion Ratio Lower Upper

78 100

77 23.9 18.2 27.2



#50

Toluene-d8

Concen: 47.282 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018345.D

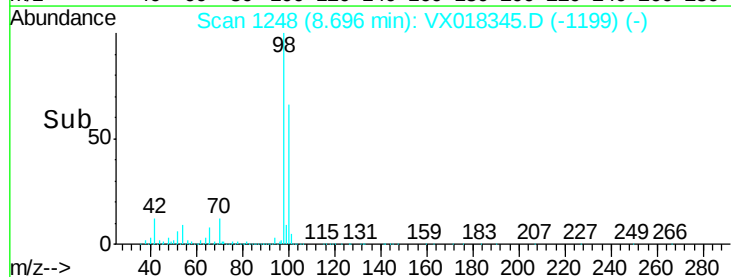
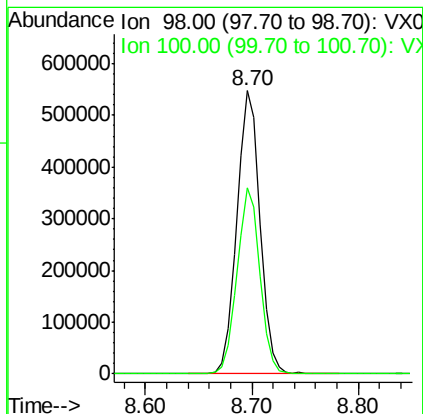
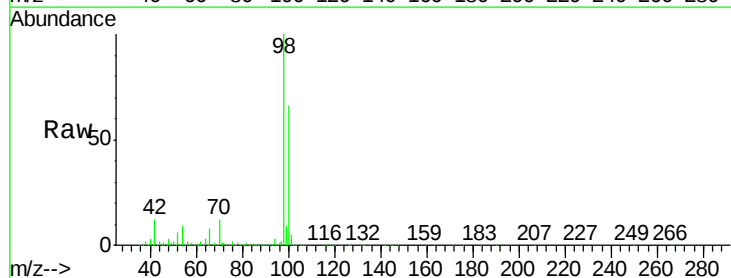
Acq: 10 Sep 2020 17:34

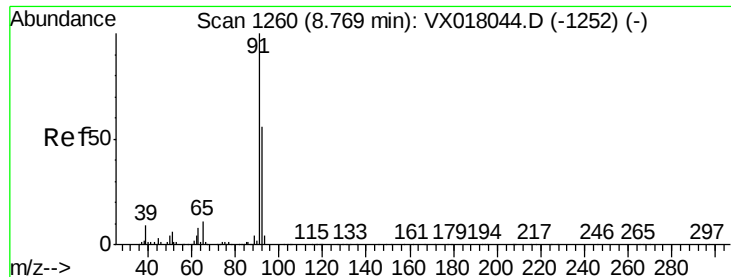
Tgt Ion: 98 Resp: 836439

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4





#52

Toluene

Concen: 4.995 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

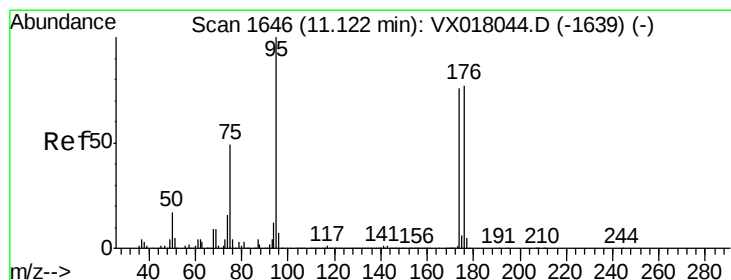
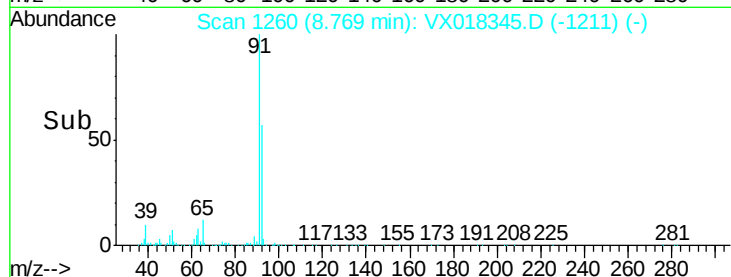
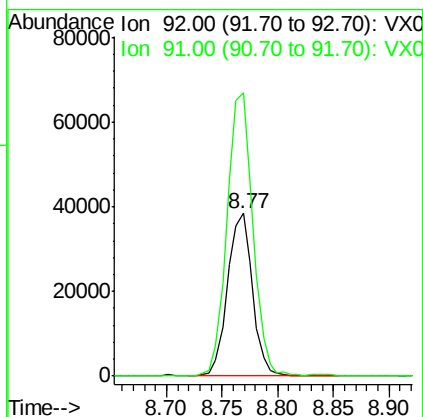
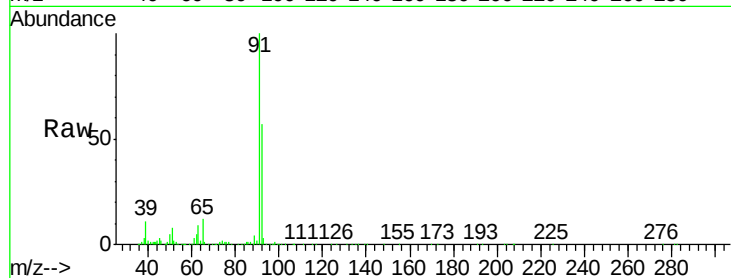
N2930S

Tot Ion: 92 Resp: 59870

Ion Ratio Lower Upper

92 100

91 178.6 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 50.293 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

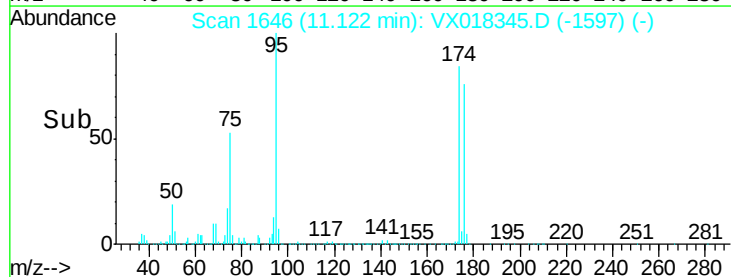
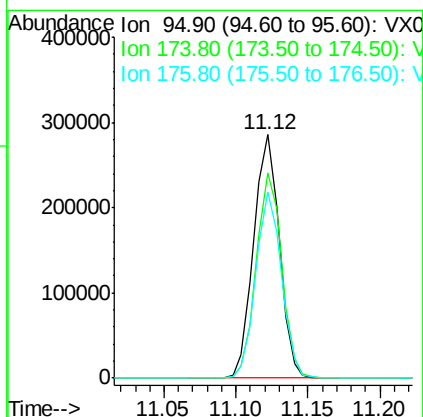
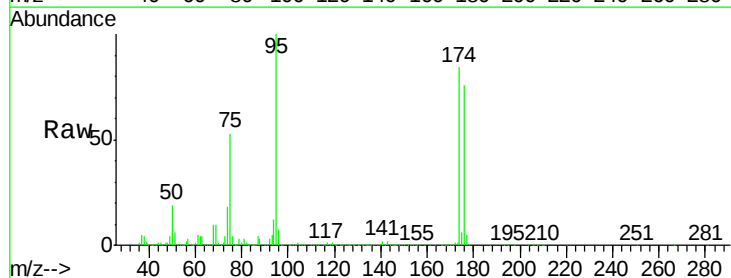
Tgt Ion: 95 Resp: 350044

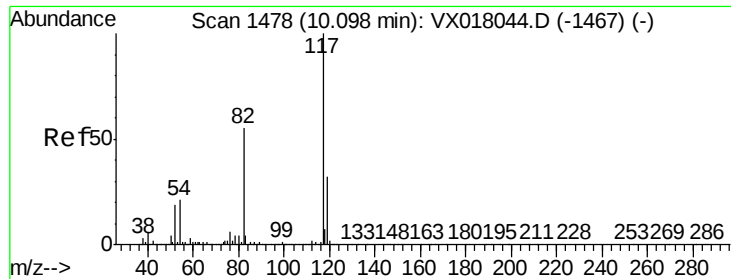
Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.2

176 76.3 0.0 155.8

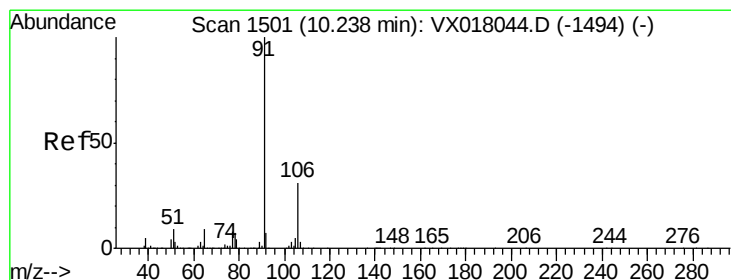
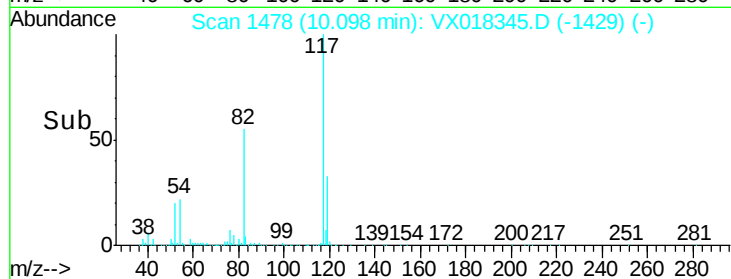
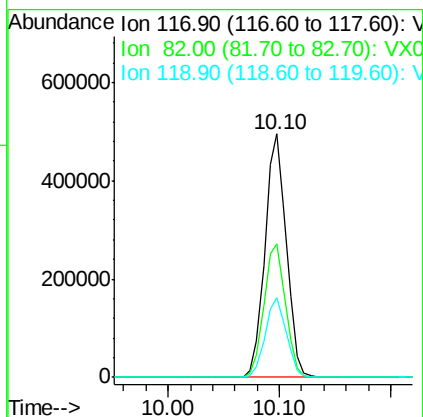
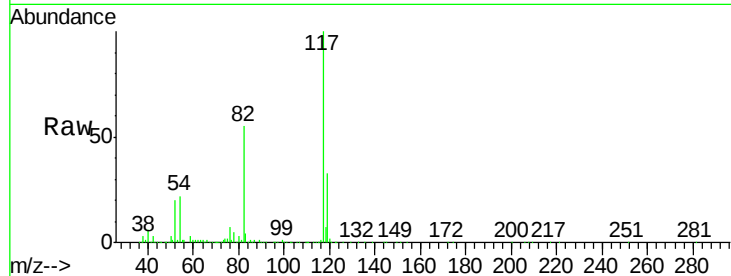




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018345.D
Acq: 10 Sep 2020 17:34

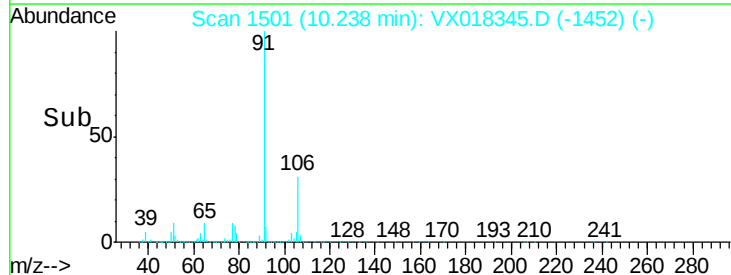
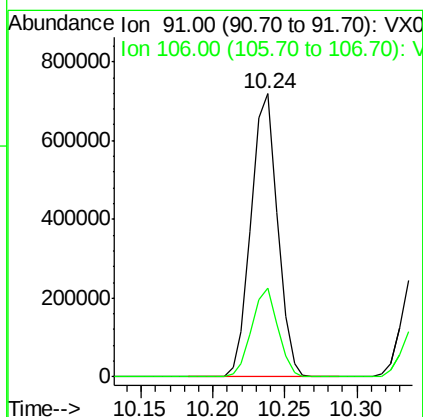
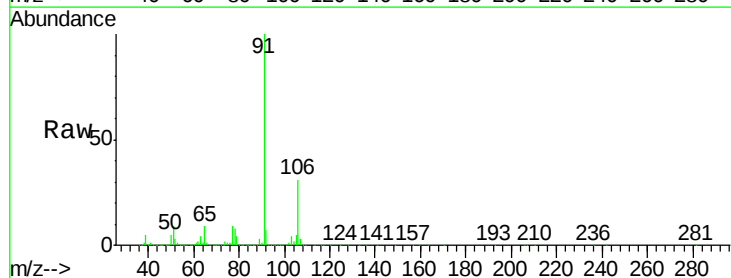
Instrument :
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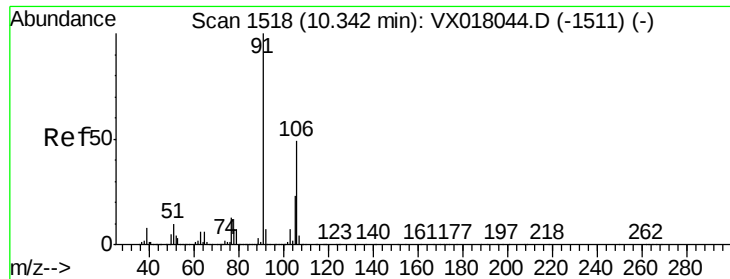
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.2
119	33.0	25.7	38.5



#67
Ethyl Benzene
Concen: 40.371 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018345.D
Acq: 10 Sep 2020 17:34

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.9	37.3

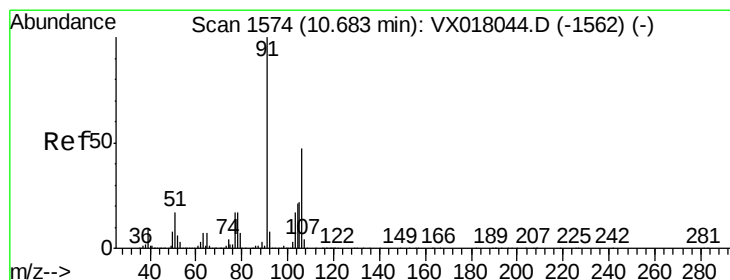
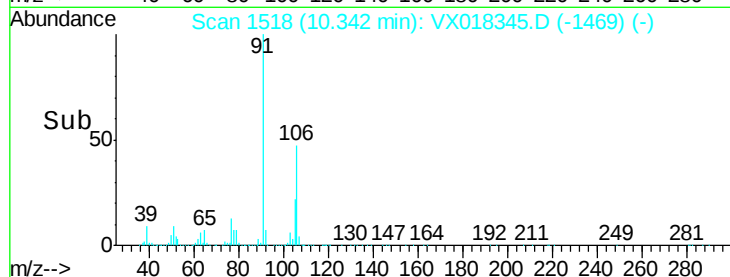
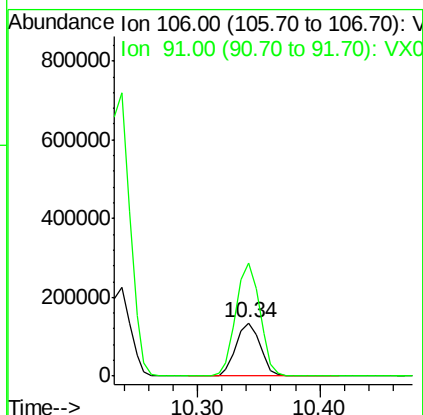
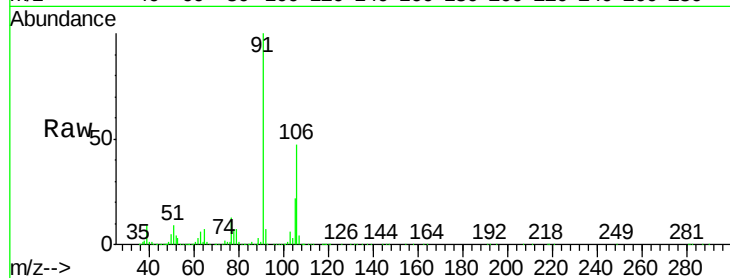




#68
m/p-Xylenes
Concen: 22.020 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018345.D
Acq: 10 Sep 2020 17:34

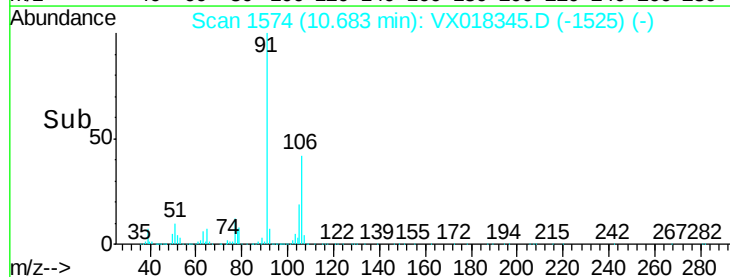
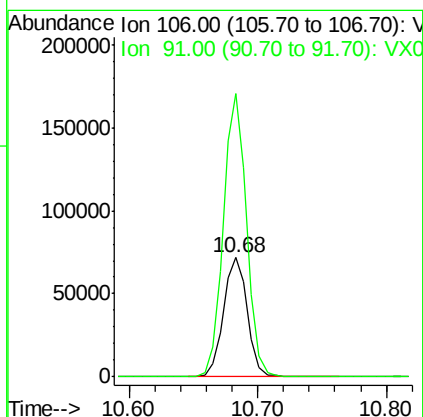
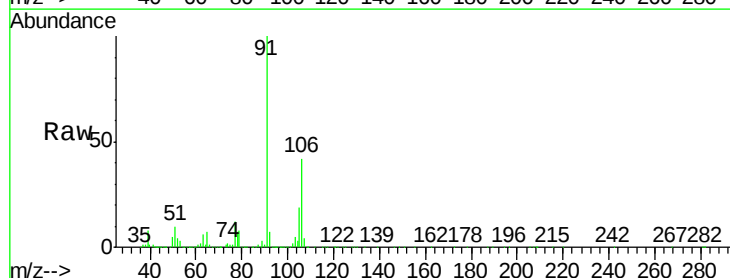
Instrument :
MSVOA_X
ClientSampleId :
N2930S

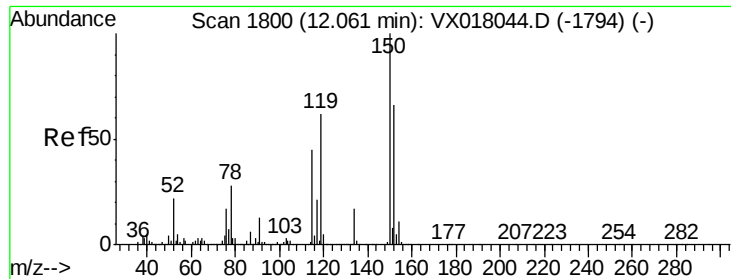
Tot Ion:106 Resp: 186212
Ion Ratio Lower Upper
106 100
91 210.7 162.2 243.2



#69
o-Xylene
Concen: 11.486 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018345.D
Acq: 10 Sep 2020 17:34

Tgt Ion:106 Resp: 94160
Ion Ratio Lower Upper
106 100
91 228.8 107.1 321.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

N2930S

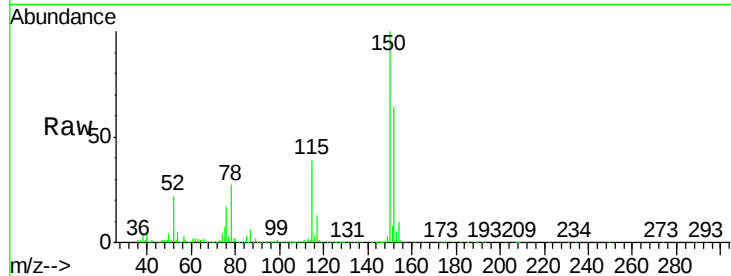
Tot Ion:152 Resp: 353903

Ion Ratio Lower Upper

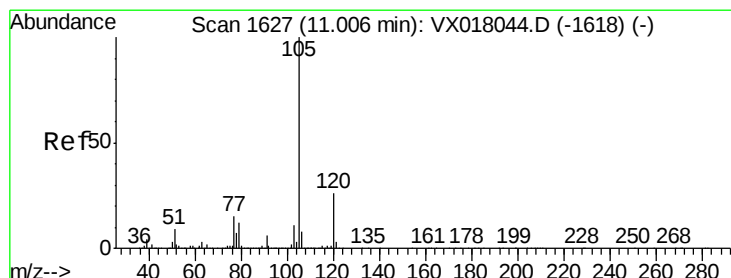
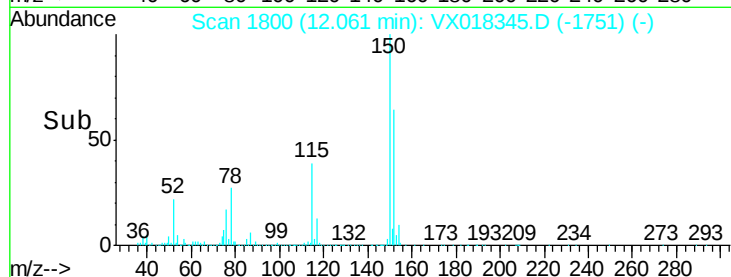
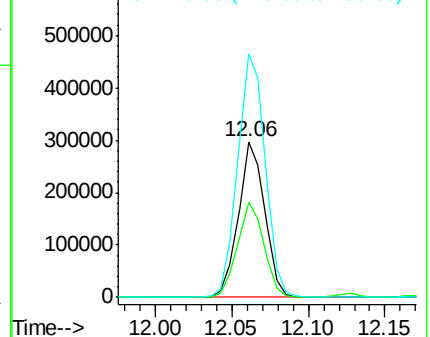
152 100

115 61.3 41.5 124.5

150 163.0 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.282 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018345.D

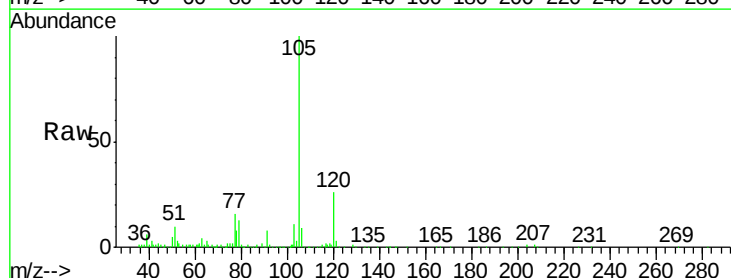
Acq: 10 Sep 2020 17:34

Tgt Ion:105 Resp: 53271

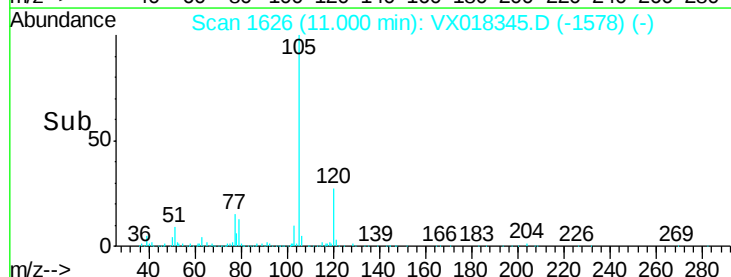
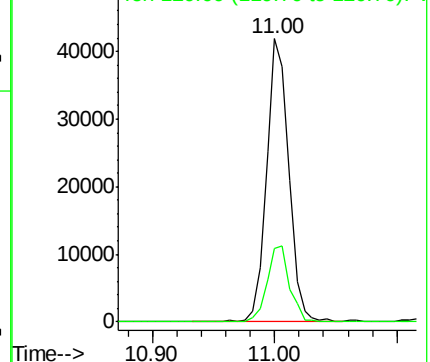
Ion Ratio Lower Upper

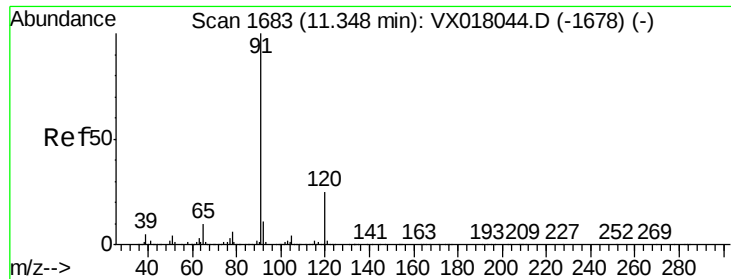
105 100

120 26.9 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: 1.439 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

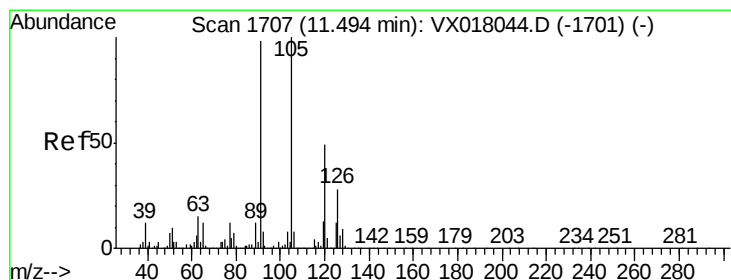
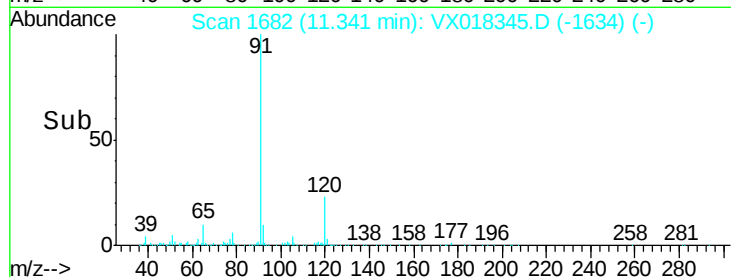
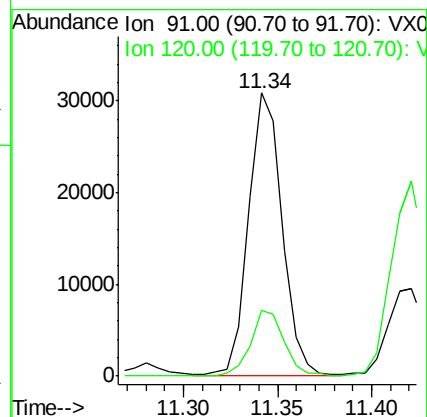
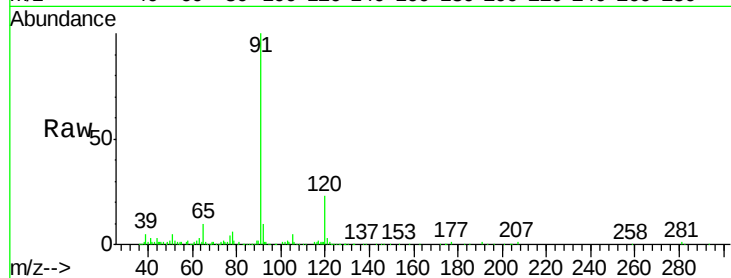
N2930S

Tot Ion: 91 Resp: 38149

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 5.415 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018345.D

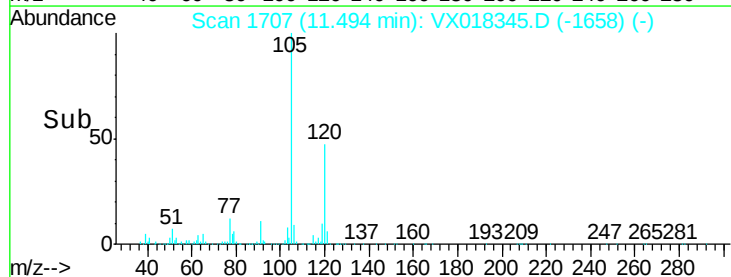
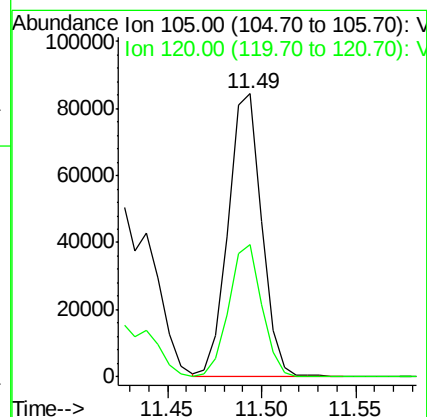
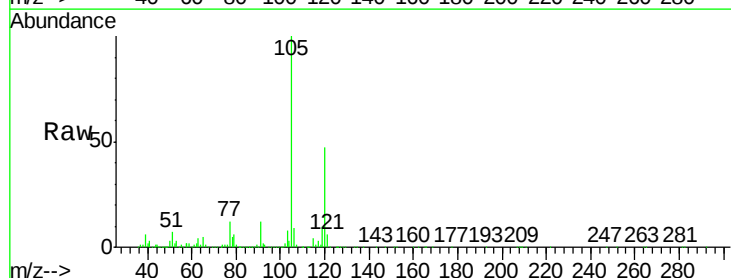
Acq: 10 Sep 2020 17:34

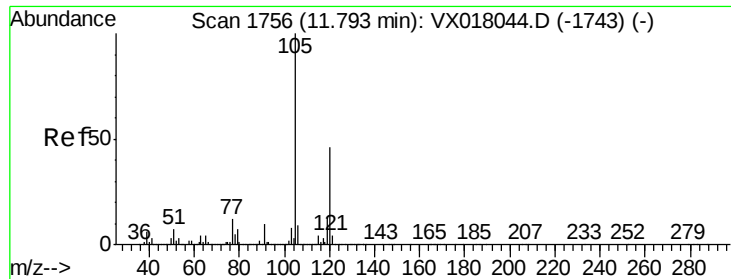
Tgt Ion: 105 Resp: 103869

Ion Ratio Lower Upper

105 100

120 46.2 24.1 72.2





#84

1,2,4-Trimethylbenzene

Concen: 17.471 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

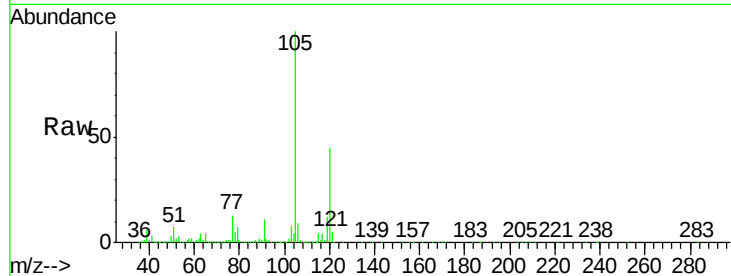
N2930S

Tot Ion:105 Resp: 342657

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

300000

250000

200000

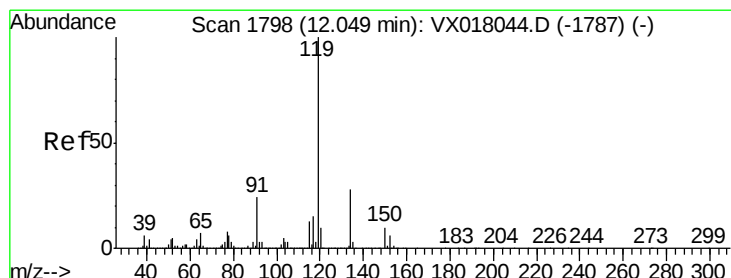
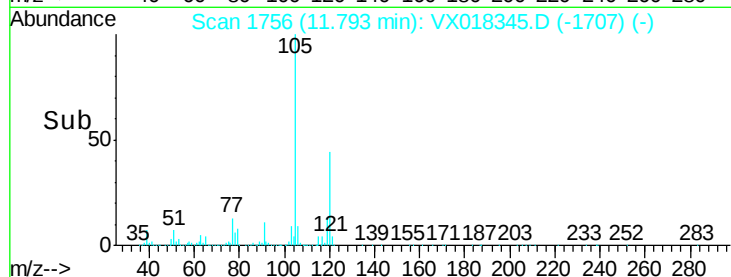
150000

100000

50000

0

Time--> 11.70 11.75 11.80 11.85



#86

p-Isopropyltoluene

Concen: 0.335 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

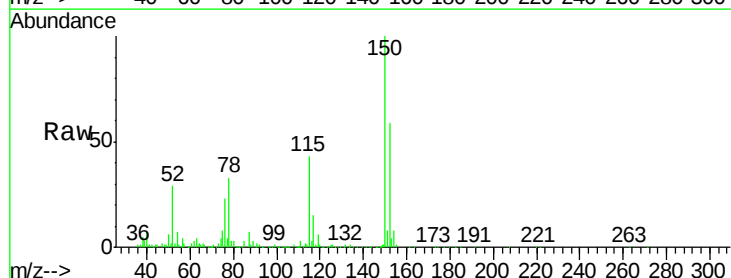
Tgt Ion:119 Resp: 6622

Ion Ratio Lower Upper

119 100

134 33.6 13.2 39.5

91 0.0 11.8 35.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

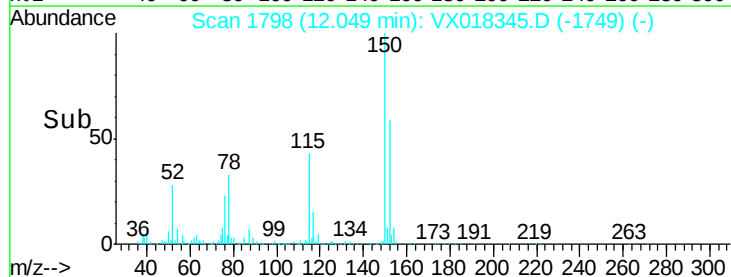
15000

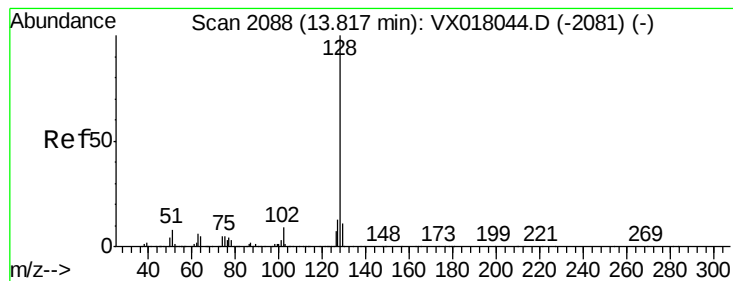
10000

5000

0

Time--> 12.05 12.10





#95

Naphthalene

Concen: 345.571 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018345.D

Acq: 10 Sep 2020 17:34

Instrument :

MSVOA_X

ClientSampleId :

N2930S

Tot Ion:128 Resp: 8087566

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.5 8.7 13.1

