

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018297.D
 Acq On : 09 Sep 2020 00:45
 Operator : JC/SP
 Sample : L3877-03 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Sep 09 03:08:07 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	5.62	168	459040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	760533	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	730472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	409969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	335218	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
35) Dibromofluoromethane	5.46	113	256436	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
50) Toluene-d8	8.70	98	930409	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	11.12	95	373078	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

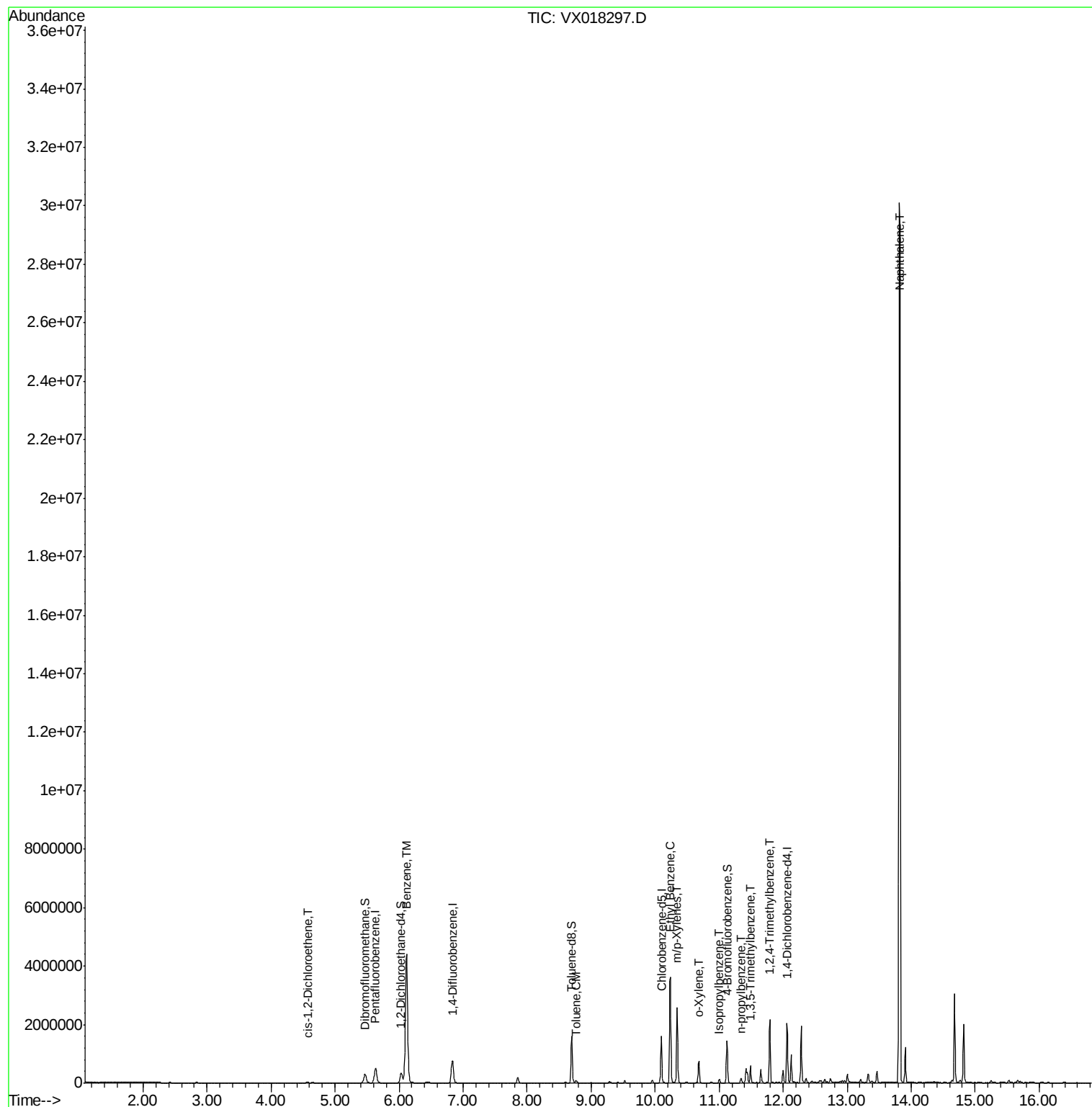
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.57	96	9916	1.732	ug/l	85
40) Benzene	6.12	78	5146689	249.693	ug/l	99
52) Toluene	8.76	92	24553	1.879	ug/l	98
67) Ethyl Benzene	10.24	91	2041813	82.297	ug/l	98
68) m/p-Xylenes	10.34	106	585058	63.179	ug/l	98
69) o-Xylene	10.68	106	156825	17.470	ug/l	98
73) Isopropylbenzene	11.00	105	63622	2.353	ug/l	99
78) n-propylbenzene	11.34	91	95068	3.096	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	259906	11.696	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	915235	40.284	ug/l	100
95) Naphthalene	13.82	128	14564867	537.228	ug/l #	87

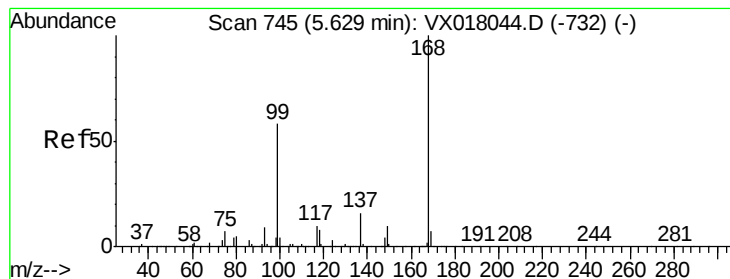
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
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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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

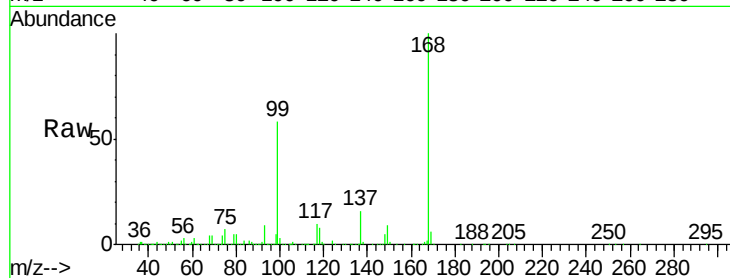
TP-1

Tgt Ion:168 Resp: 459040

Ion Ratio Lower Upper

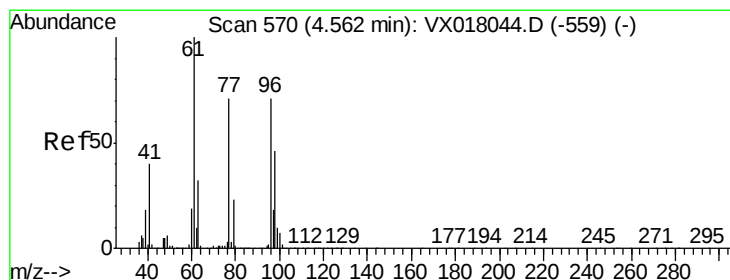
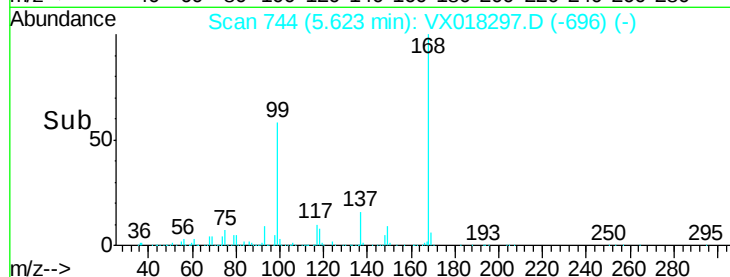
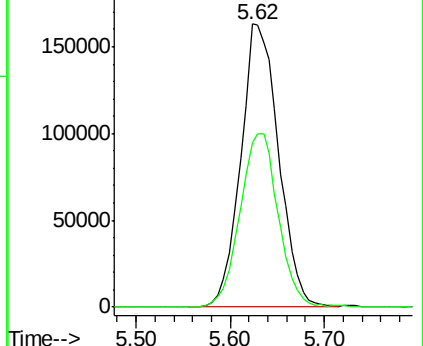
168 100

99 57.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.732 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

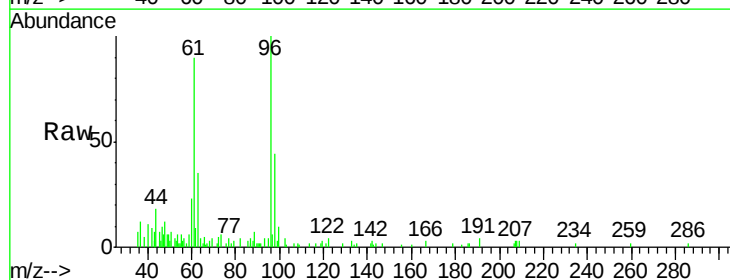
Tgt Ion: 96 Resp: 9916

Ion Ratio Lower Upper

96 100

61 124.9 0.0 296.6

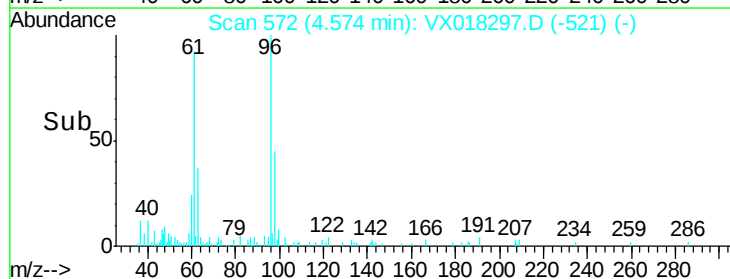
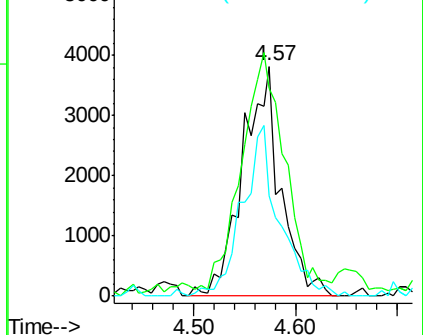
98 71.7 0.0 130.2

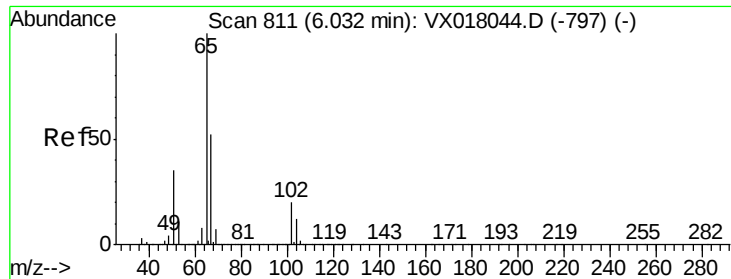


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

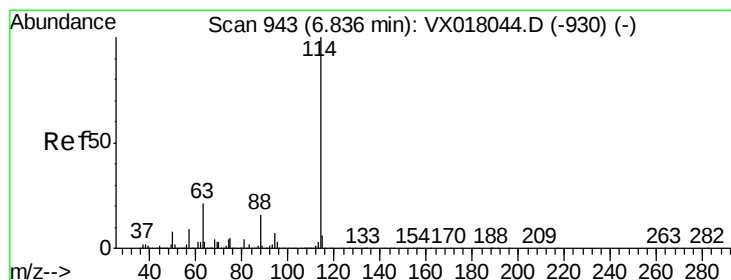
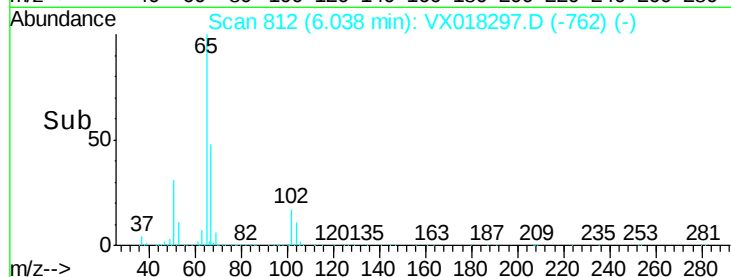
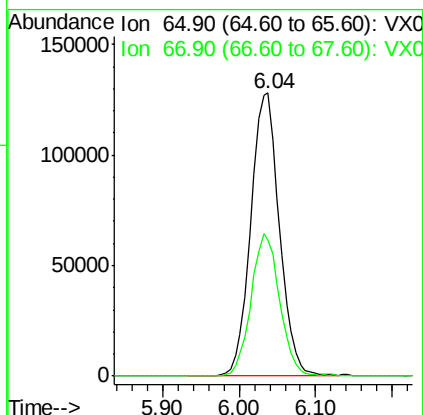
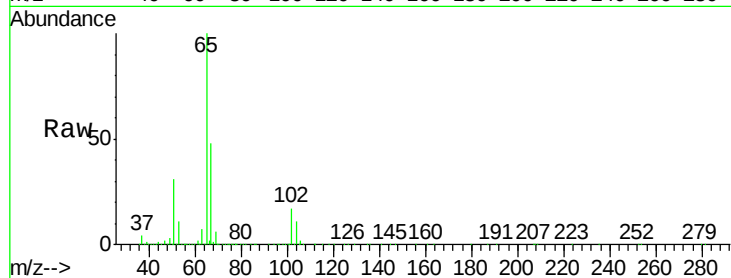




#33
 1,2-Dichloroethane-d4
 Concen: 52.603 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

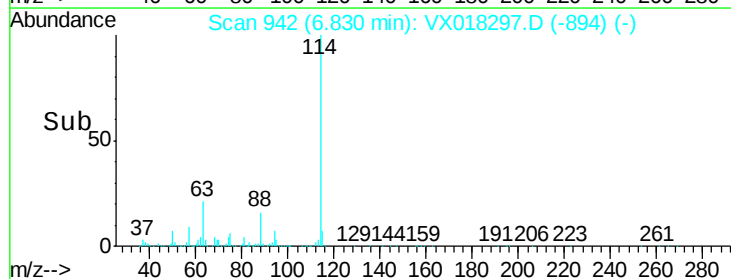
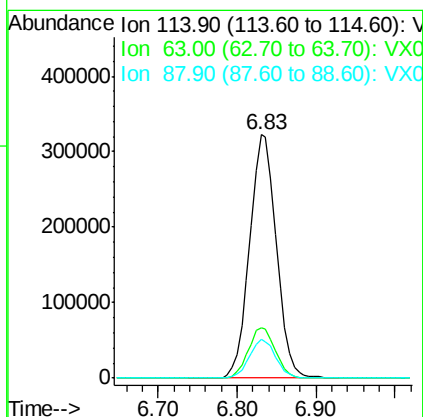
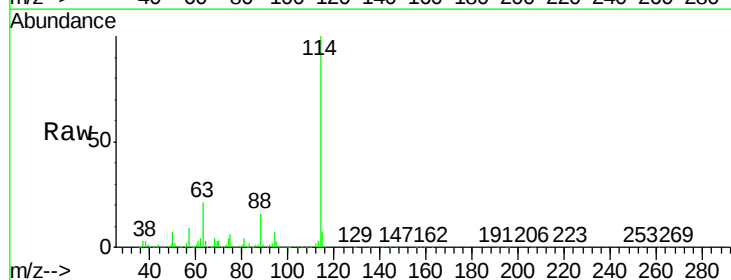
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

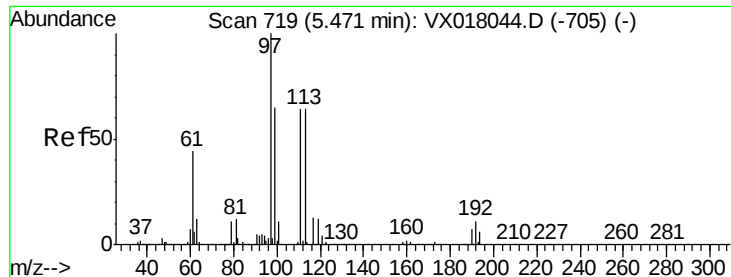
Tgt Ion: 65 Resp: 335218
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

Tgt Ion: 114 Resp: 760533
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.509 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

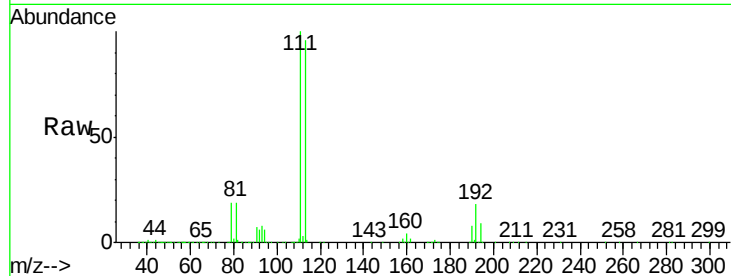
Tgt Ion:113 Resp: 256436

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

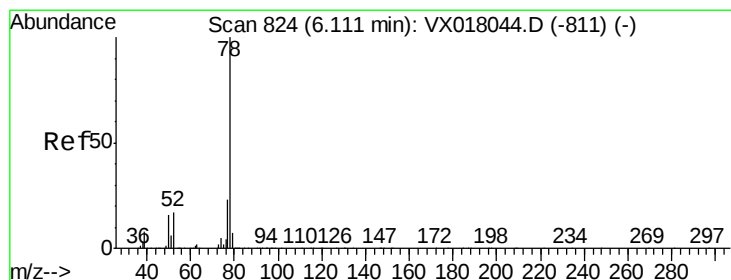
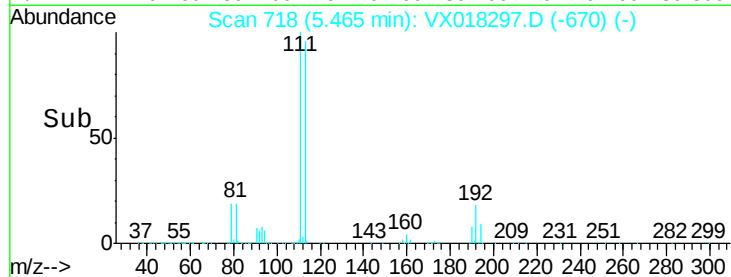
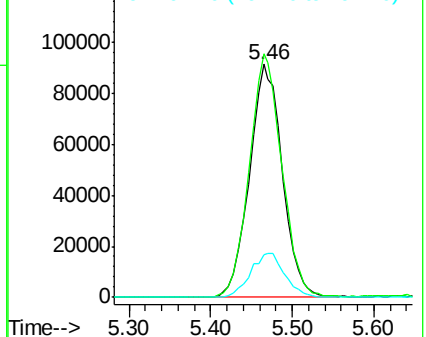
192 19.9 15.8 23.8



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



#40

Benzene

Concen: 249.693 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018297.D

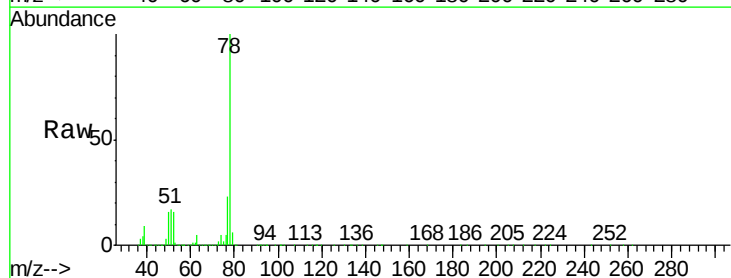
Acq: 09 Sep 2020 00:45

Tgt Ion: 78 Resp: 5146689

Ion Ratio Lower Upper

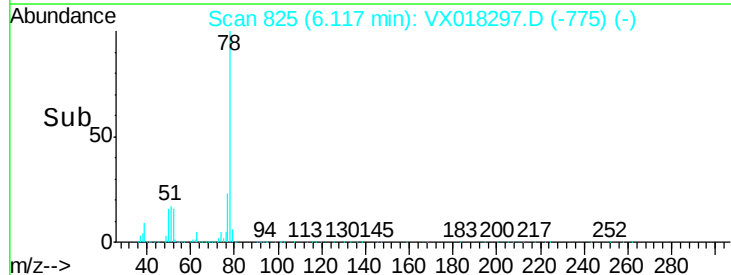
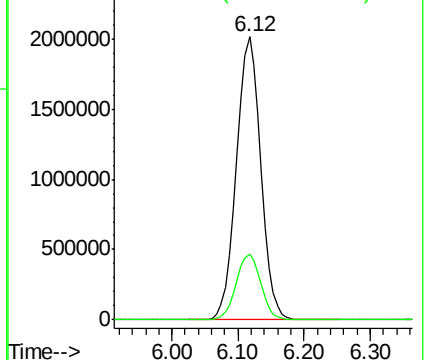
78 100

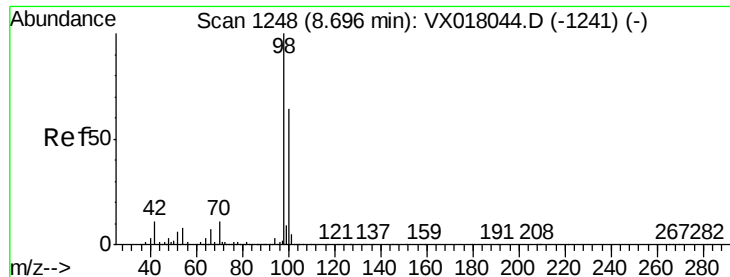
77 23.4 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.228 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

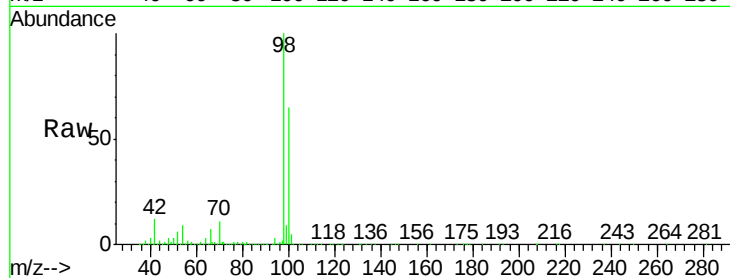
TP-1

Tgt Ion: 98 Resp: 930409

Ion Ratio Lower Upper

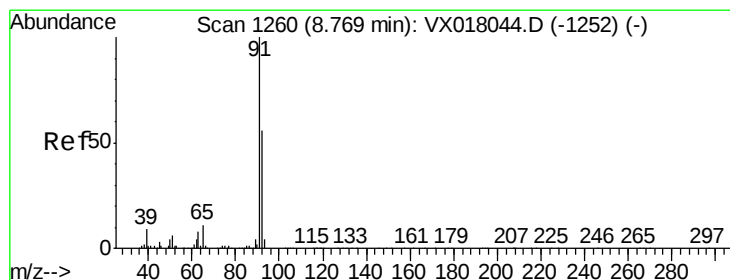
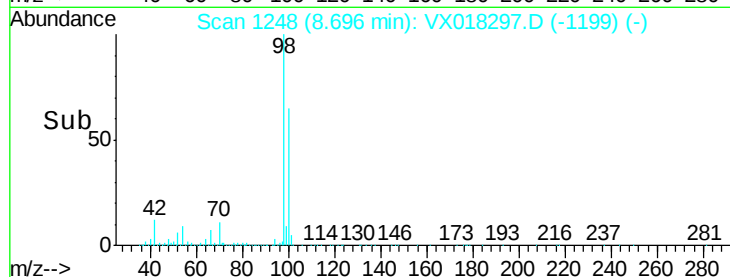
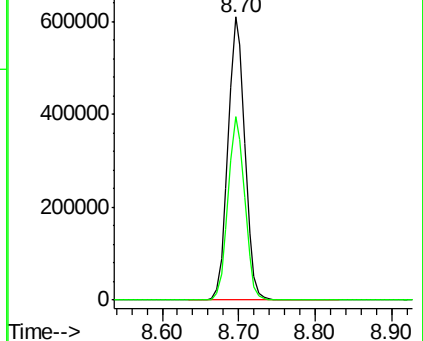
98 100

100 64.2 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: 1.879 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018297.D

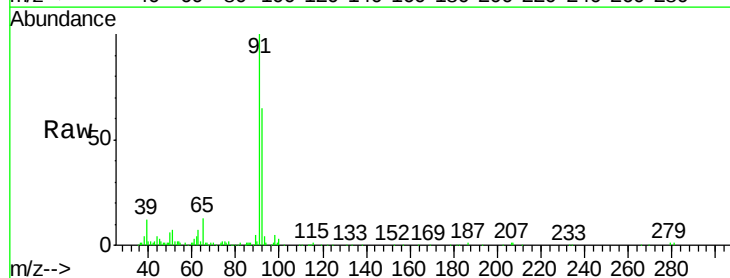
Acq: 09 Sep 2020 00:45

Tgt Ion: 92 Resp: 24553

Ion Ratio Lower Upper

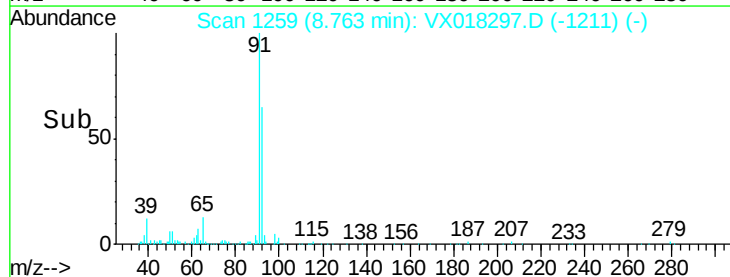
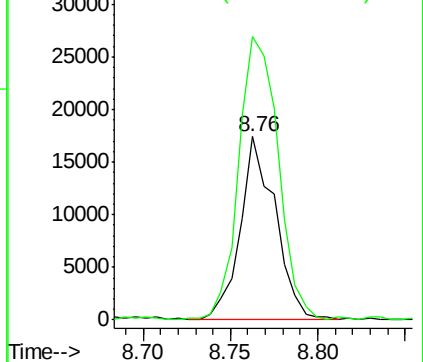
92 100

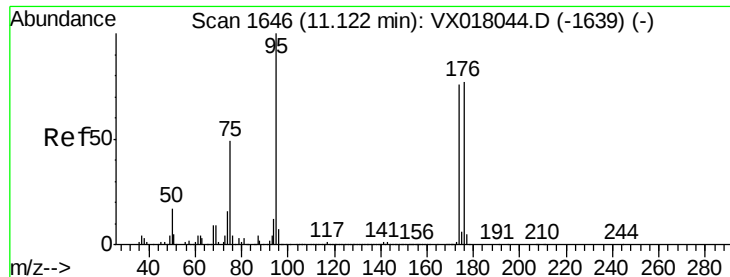
91 172.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

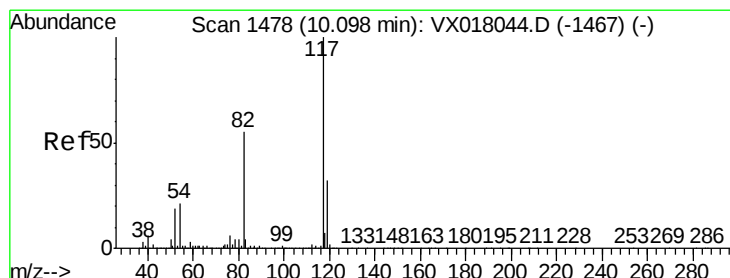
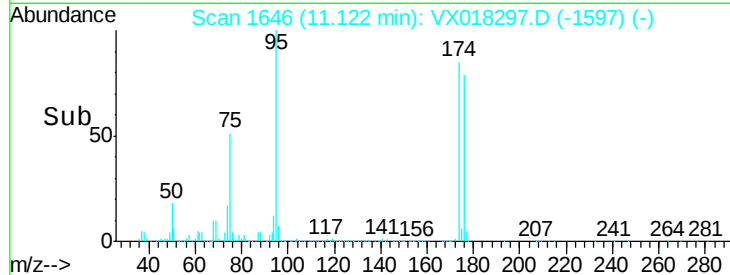
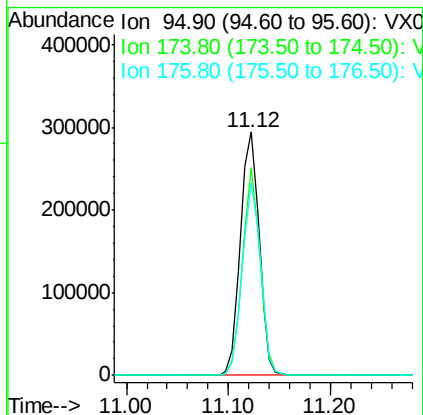
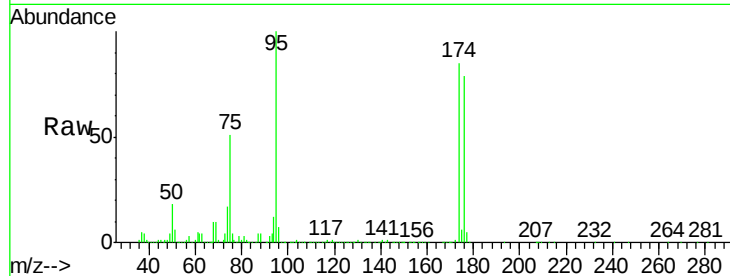




#62
4-Bromofluorobenzene
Concen: 49.153 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

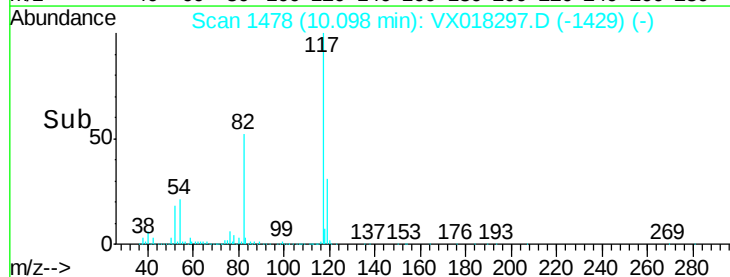
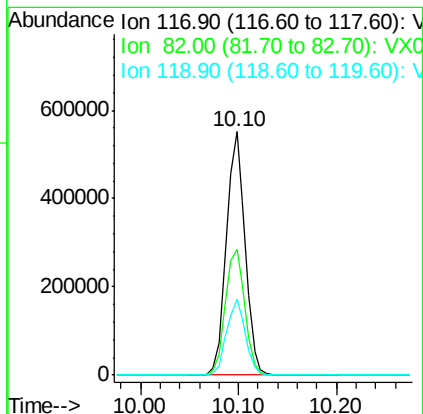
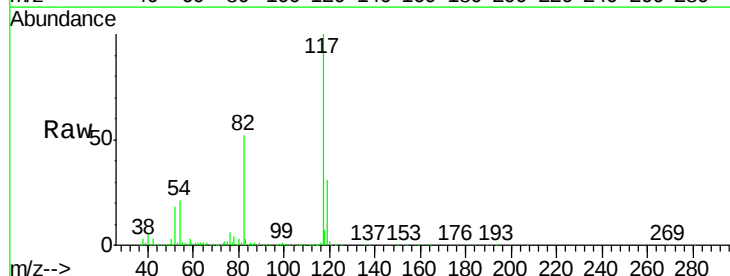
Instrument :
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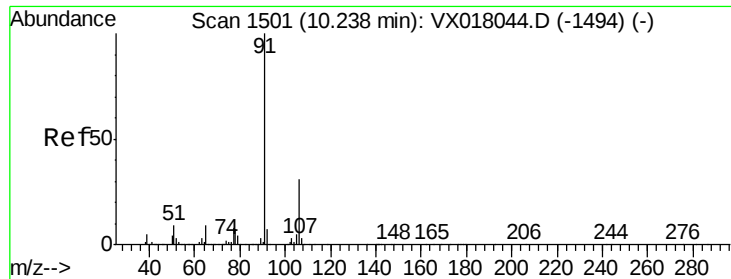
Tgt Ion: 95 Resp: 373078
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.2
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion: 117 Resp: 730472
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.2 25.7 38.5

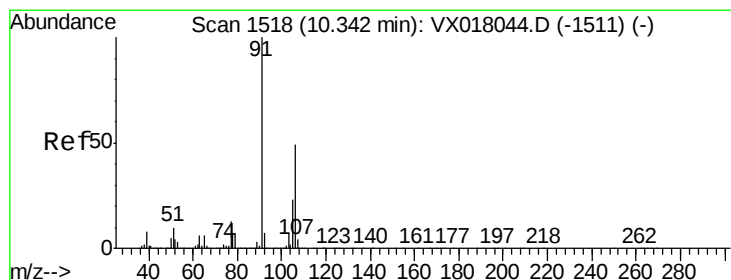
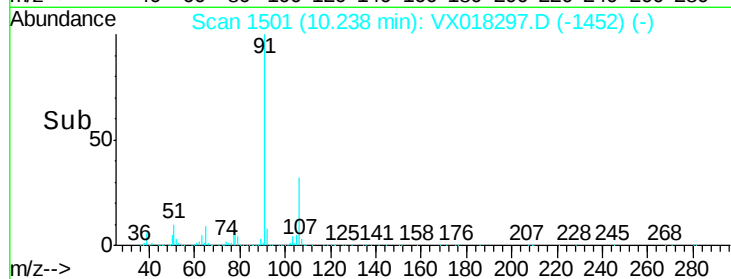
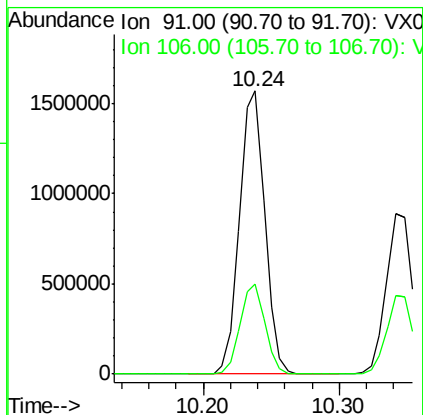
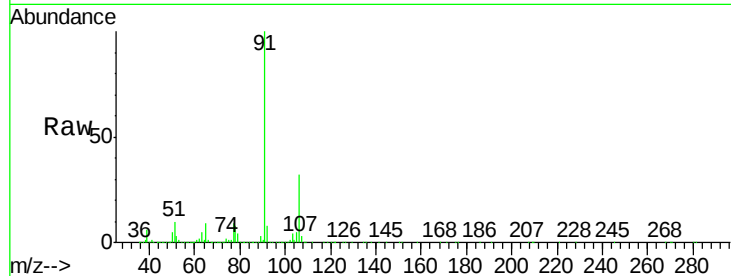




#67
Ethyl Benzene
Concen: 82.297 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

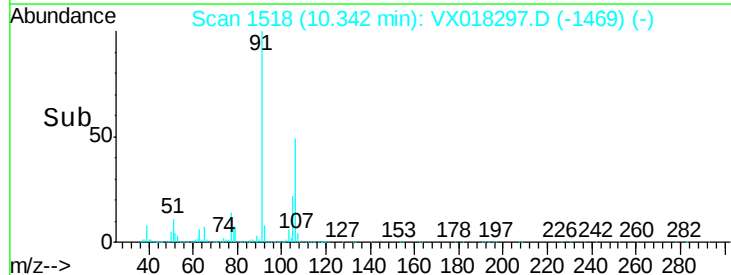
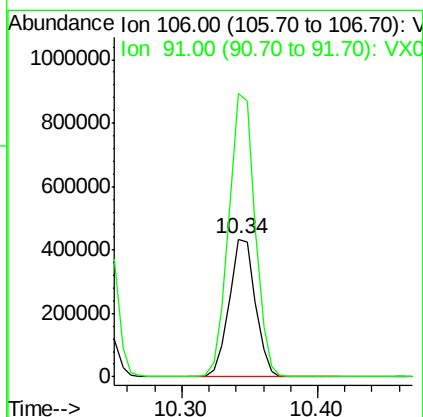
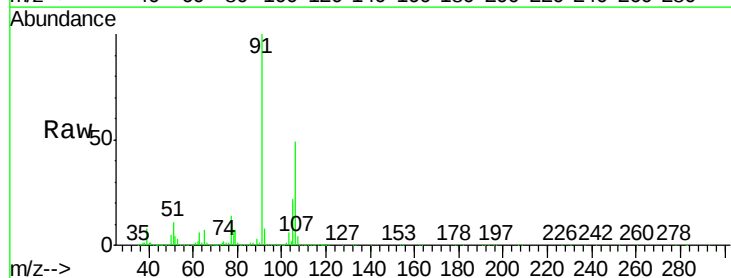
Instrument :
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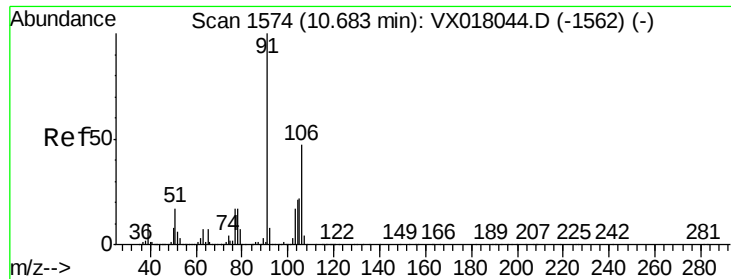
Tgt Ion: 91 Resp: 2041813
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3



#68
m/p-Xylenes
Concen: 63.179 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion: 106 Resp: 585058
Ion Ratio Lower Upper
106 100
91 205.0 162.2 243.2

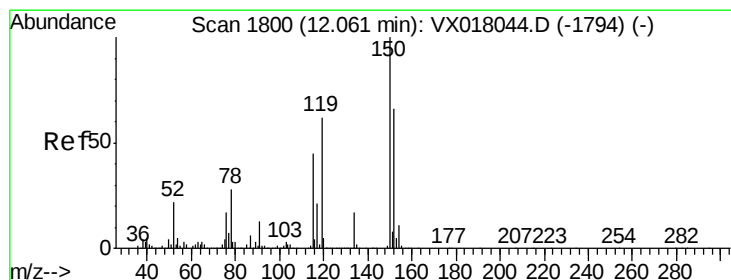
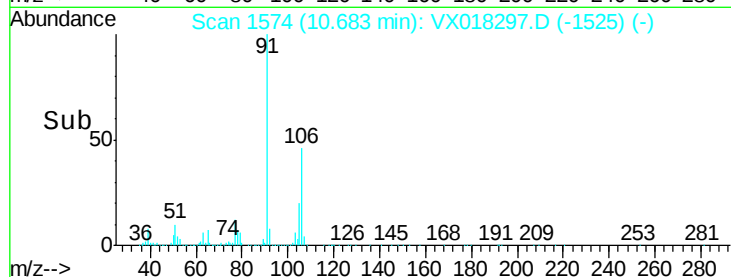
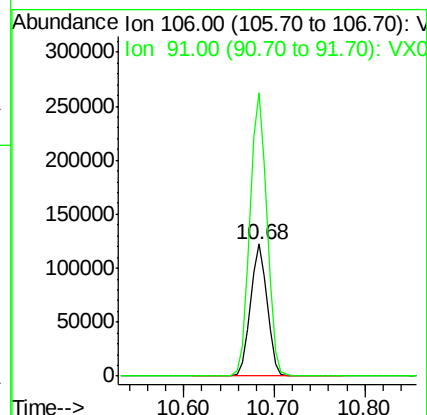
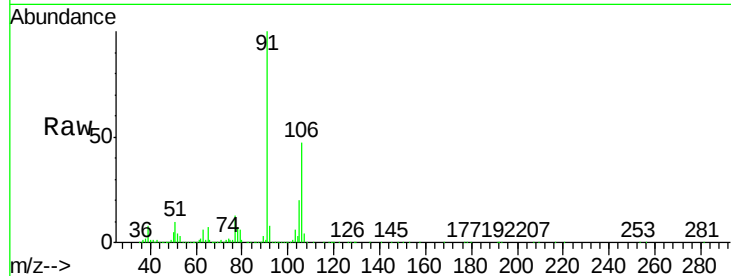




#69
o-Xylene
Concen: 17.470 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

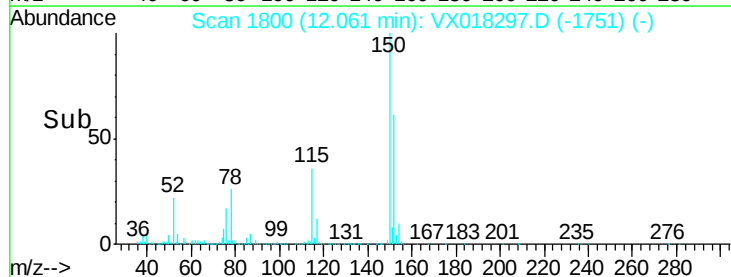
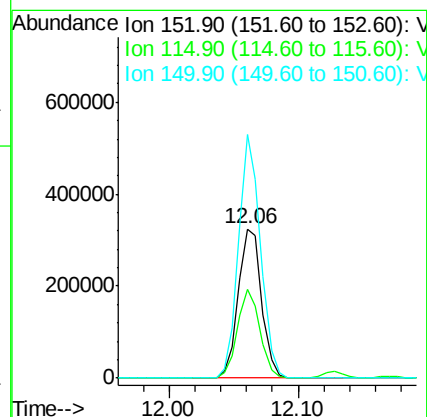
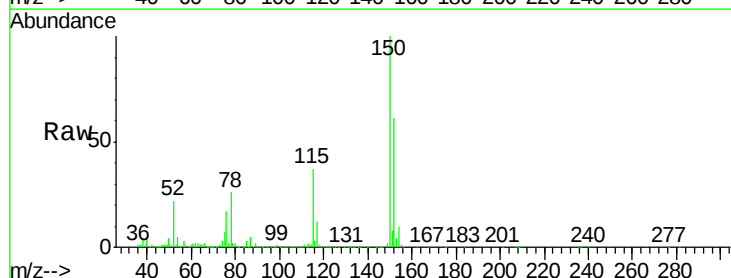
Instrument :
MSVOA_X
ClientSampled :
TP-1

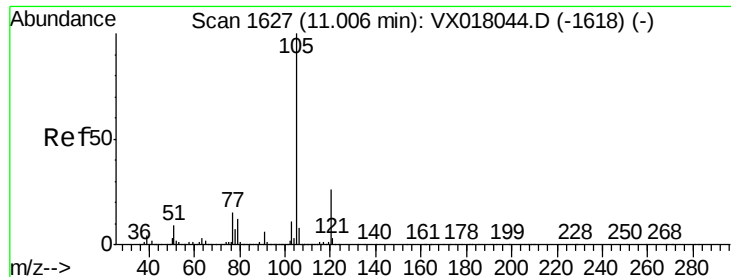
Tgt Ion:106 Resp: 156825
Ion Ratio Lower Upper
106 100
91 217.7 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018297.D
Acq: 09 Sep 2020 00:45

Tgt Ion:152 Resp: 409969
Ion Ratio Lower Upper
152 100
115 57.2 41.5 124.5
150 154.2 0.0 343.8





#73

Isopropylbenzene

Concen: 2.353 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

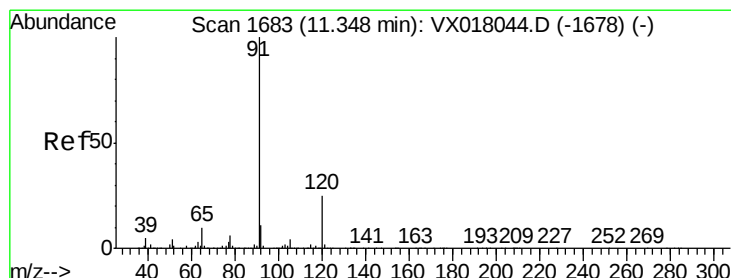
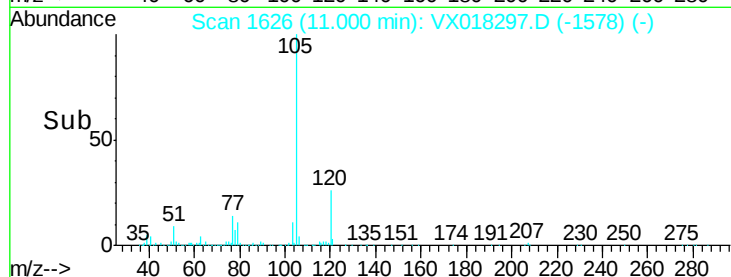
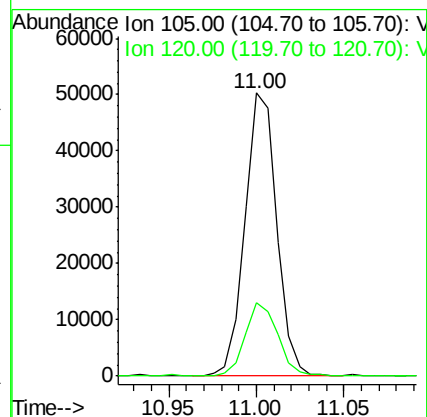
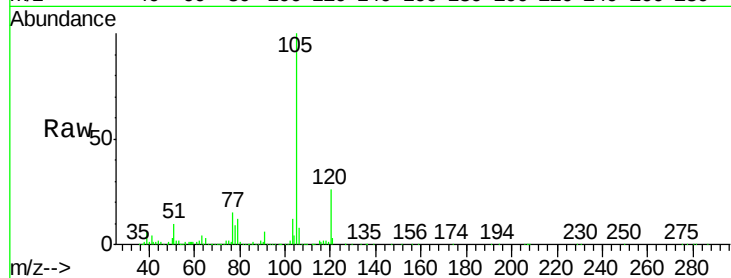
TP-1

Tgt Ion: 105 Resp: 63622

Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5



#78

n-propylbenzene

Concen: 3.096 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018297.D

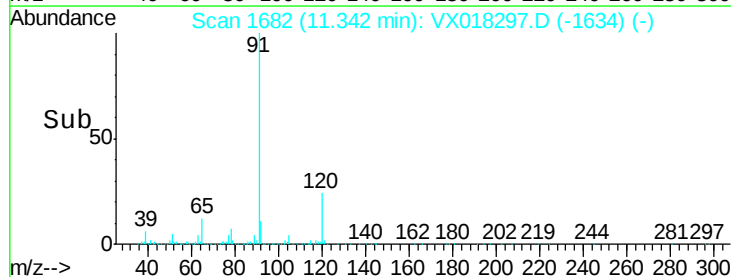
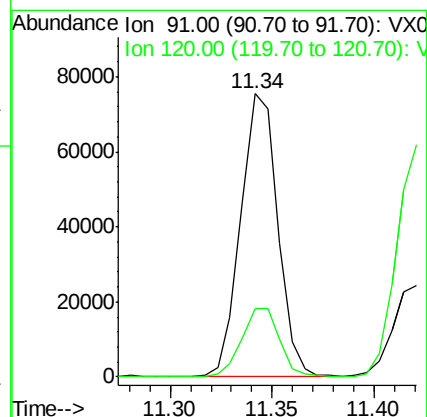
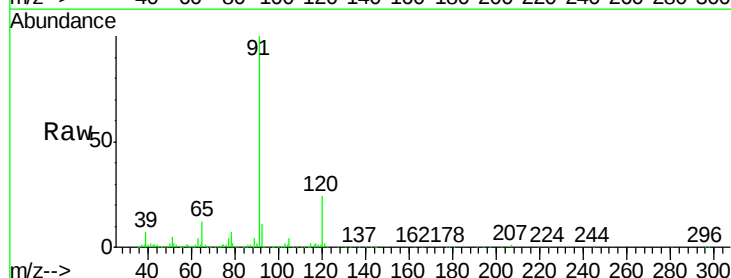
Acq: 09 Sep 2020 00:45

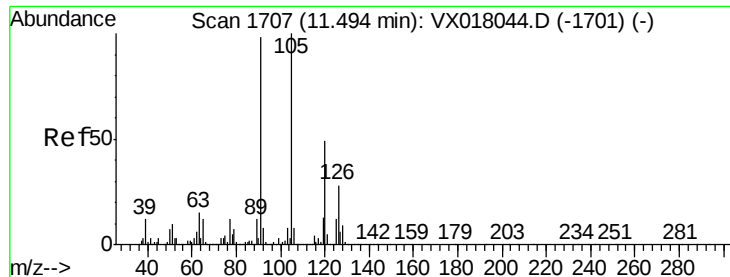
Tgt Ion: 91 Resp: 95068

Ion Ratio Lower Upper

91 100

120 25.0 11.9 35.9

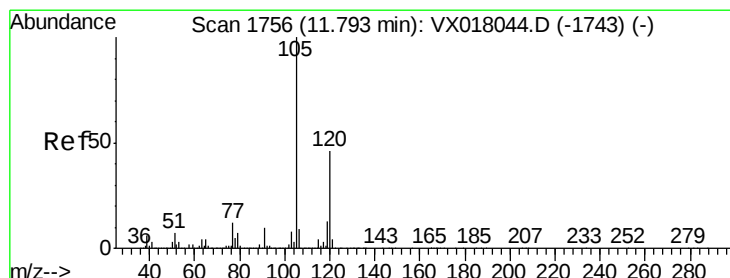
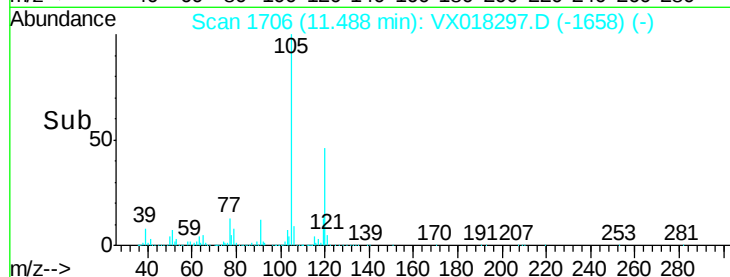
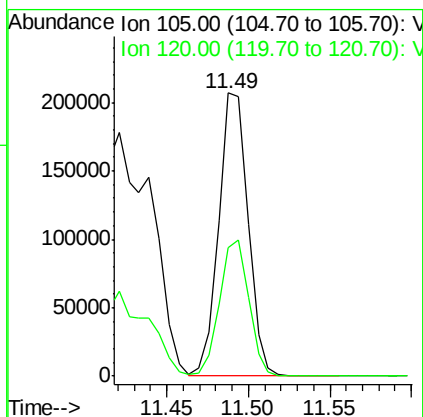
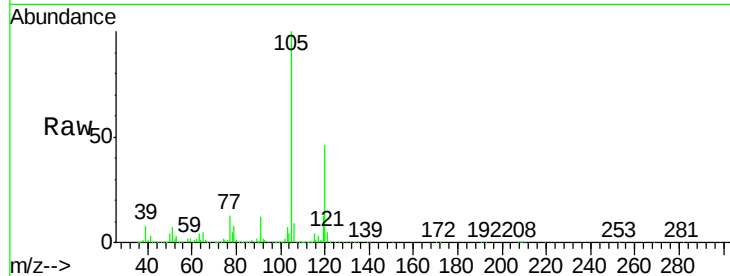




#80
 1,3,5-Trimethylbenzene
 Concen: 11.696 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

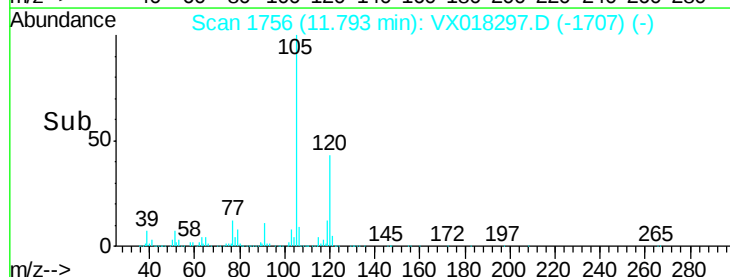
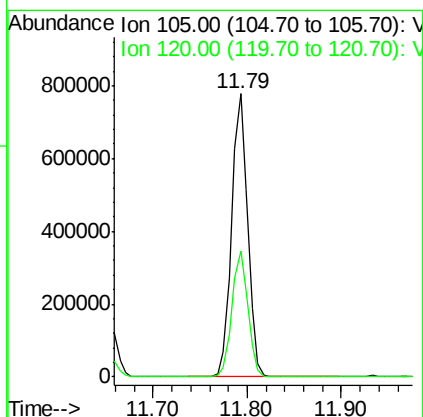
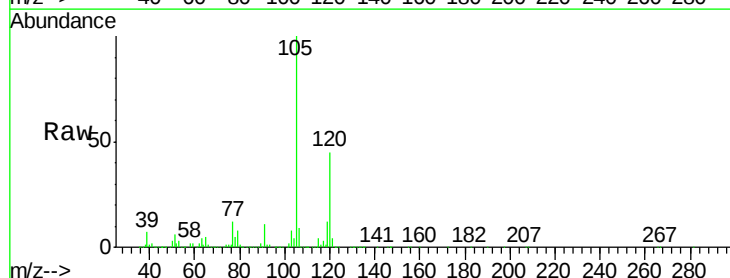
Instrument :
 MSVOA_X
 ClientSampled :
 TP-1

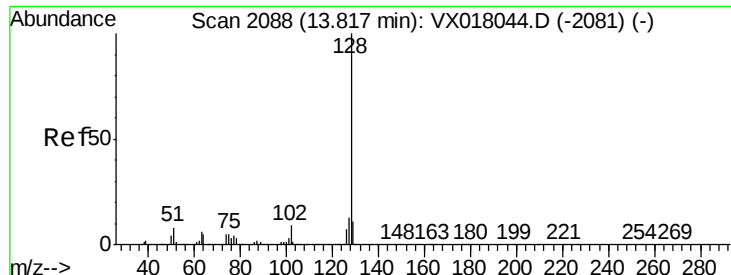
Tgt Ion:105 Resp: 259906
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 40.284 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018297.D
 Acq: 09 Sep 2020 00:45

Tgt Ion:105 Resp: 915235
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.9





#95

Naphthalene

Concen: 537.228 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018297.D

Acq: 09 Sep 2020 00:45

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tgt Ion:128 Resp:14564867

Ion Ratio Lower Upper

128 100

127 17.9 10.2 15.2#

129 16.0 8.7 13.1#

