

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090920\
 Data File : VX018319.D
 Acq On : 09 Sep 2020 13:58
 Operator : JC/SP
 Sample : L3877-03DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1DL

Quant Time: Sep 09 15:30:23 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

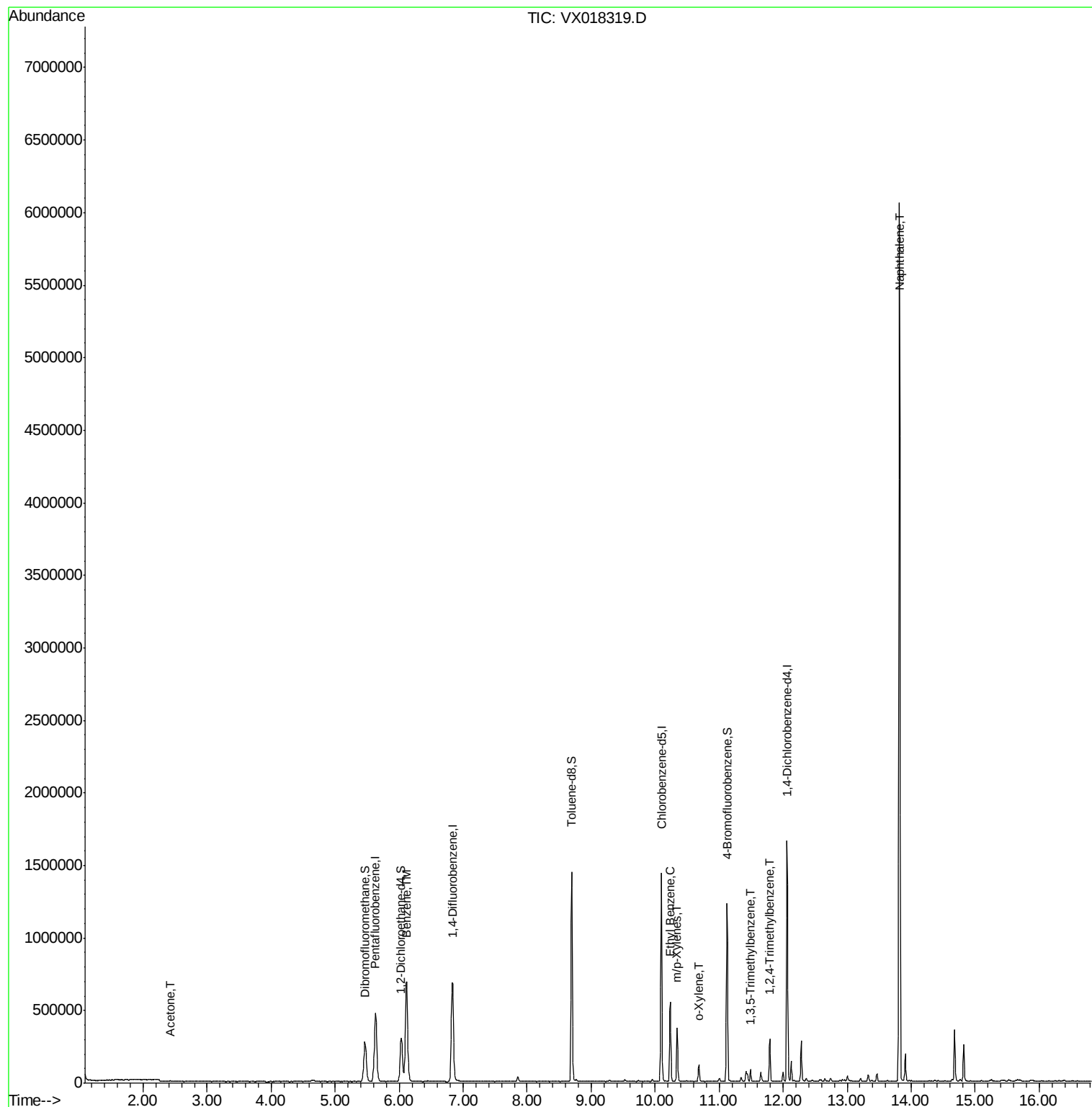
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	426012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	694880	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	638185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	331160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	301954	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	5.46	113	238427	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	8.70	98	844885	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.12	95	316532	45.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.28%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	3146	1.365	ug/l	97
40) Benzene	6.12	78	823691	43.737	ug/l	98
67) Ethyl Benzene	10.24	91	299337	13.810	ug/l	95
68) m/p-Xylenes	10.34	106	84988	10.505	ug/l	100
69) o-Xylene	10.68	106	24177	3.083	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	36120	2.012	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	120482	6.565	ug/l	100
95) Naphthalene	13.82	128	3362199	153.528	ug/l	99

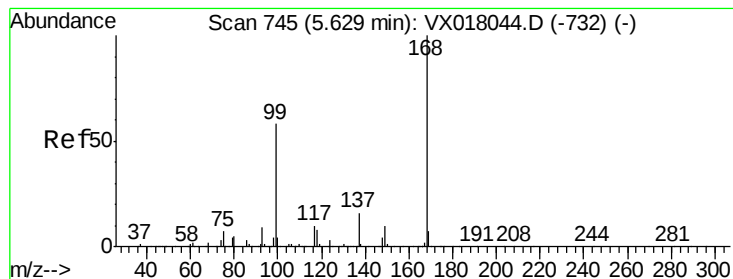
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
TP-1DL

Quant Time: Sep 09 15:30:23 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: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

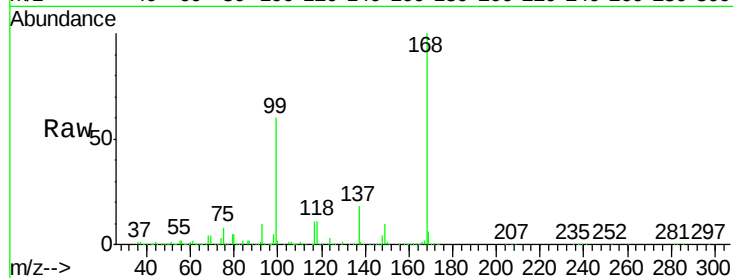
TP-1DL

Tot Ion:168 Resp: 426012

Ion Ratio Lower Upper

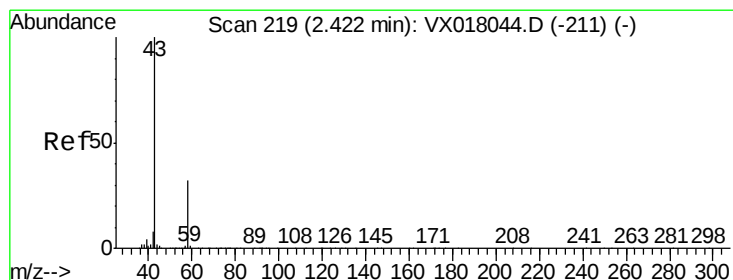
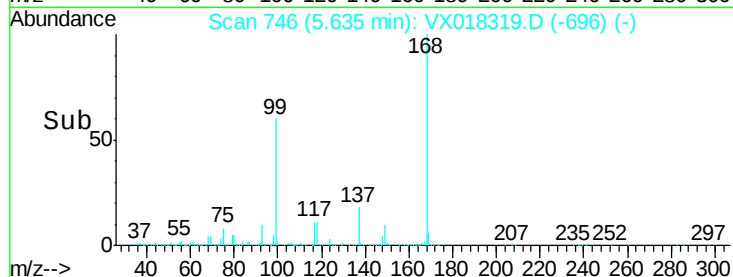
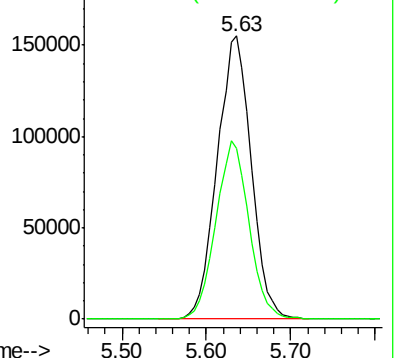
168 100

99 60.3 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.365 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018319.D

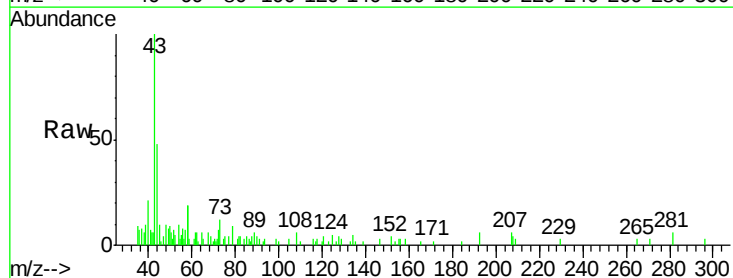
Acq: 09 Sep 2020 13:58

Tgt Ion: 43 Resp: 3146

Ion Ratio Lower Upper

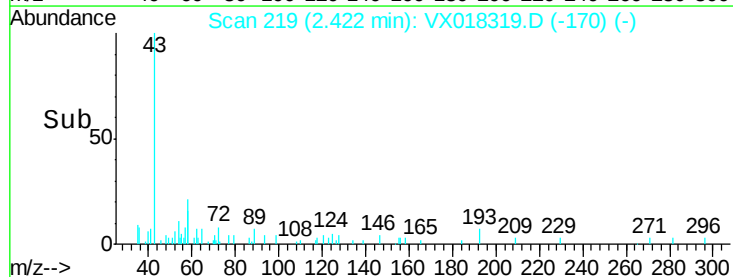
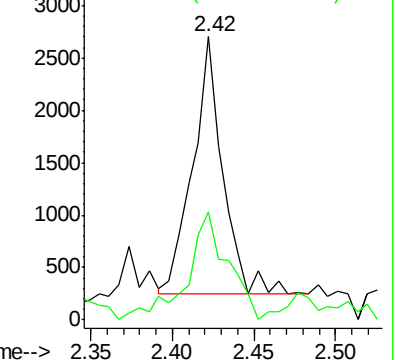
43 100

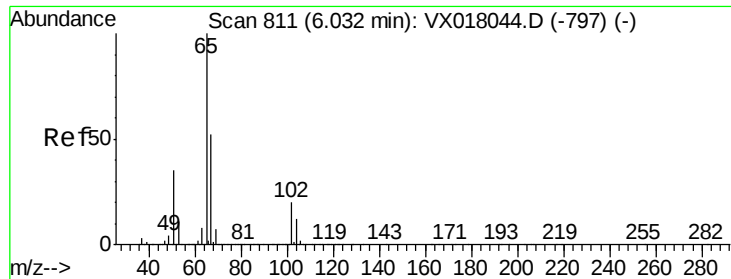
58 33.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

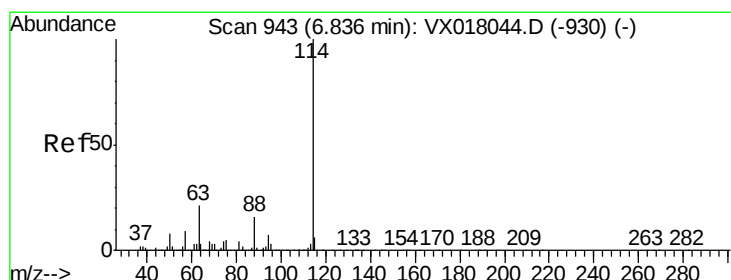
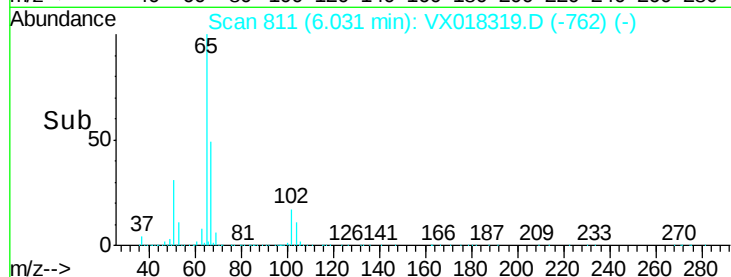
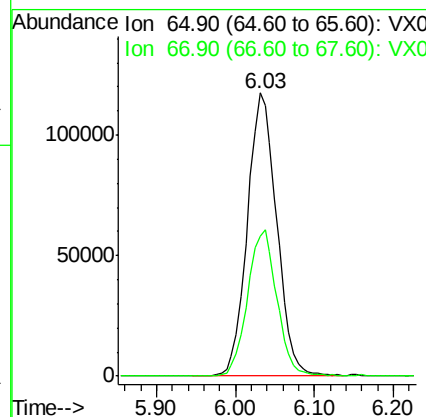
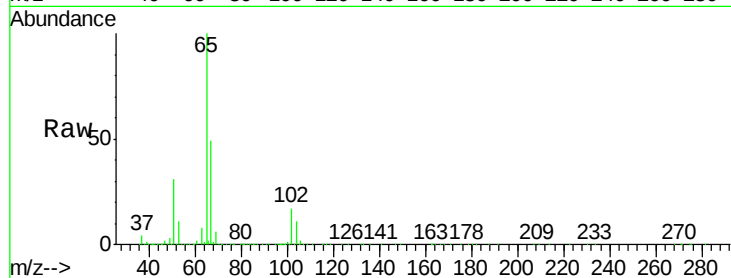




#33
 1,2-Dichloroethane-d4
 Concen: 51.056 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018319.D
 Acq: 09 Sep 2020 13:58

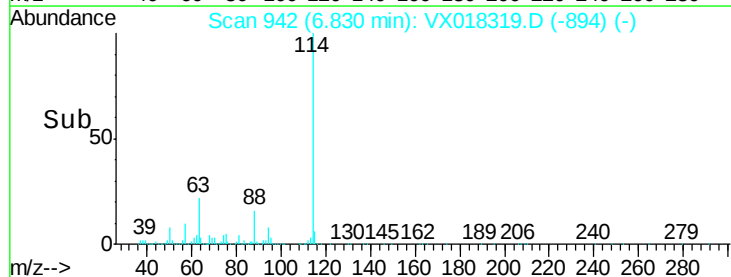
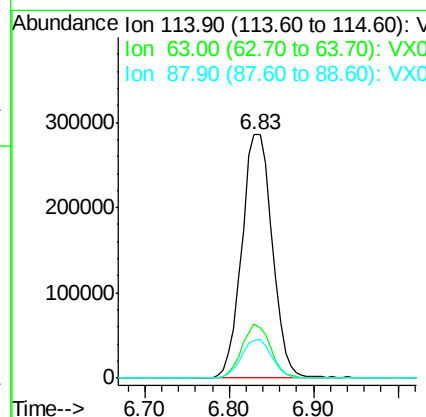
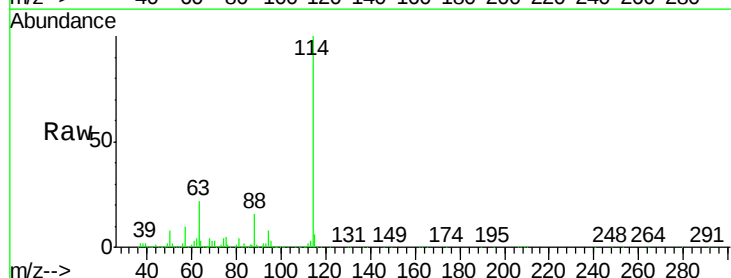
Instrument :
 MSVOA_X
 ClientSampled :
 TP-1DL

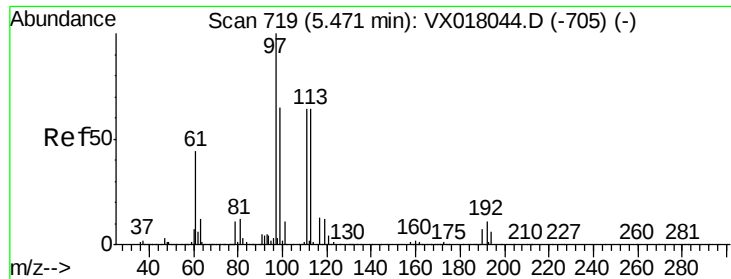
Tot Ion: 65 Resp: 301954
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018319.D
 Acq: 09 Sep 2020 13:58

Tgt Ion: 114 Resp: 694880
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.6
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.381 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

TP-1DL

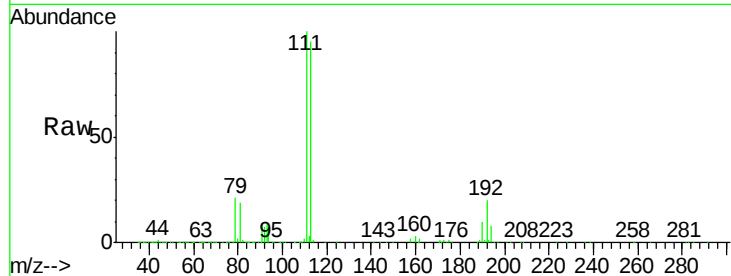
Tot Ion:113 Resp: 238427

Ion Ratio Lower Upper

113 100

111 101.1 81.6 122.4

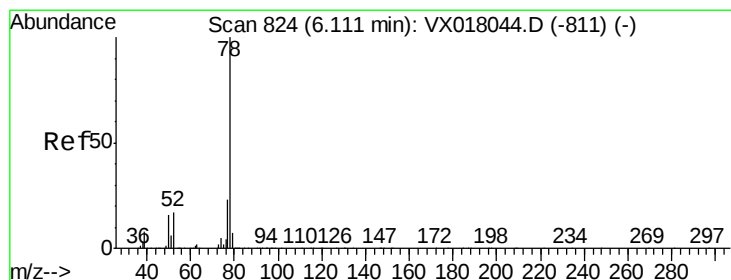
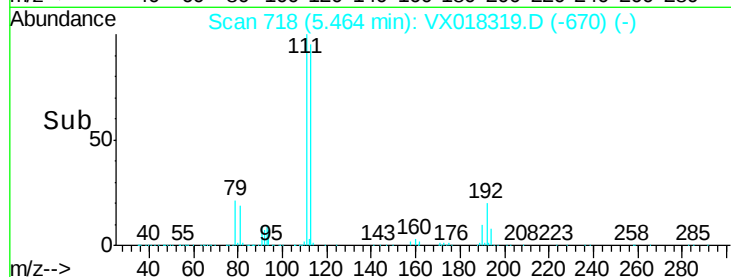
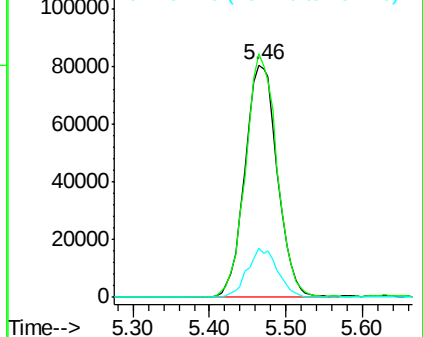
192 19.7 15.8 23.8



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: 43.737 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018319.D

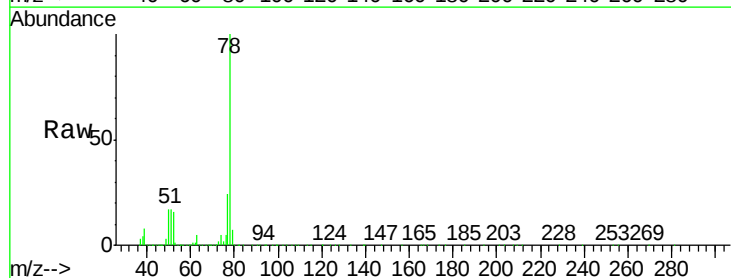
Acq: 09 Sep 2020 13:58

Tgt Ion: 78 Resp: 823691

Ion Ratio Lower Upper

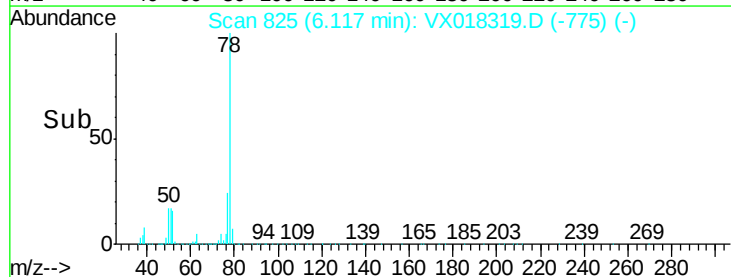
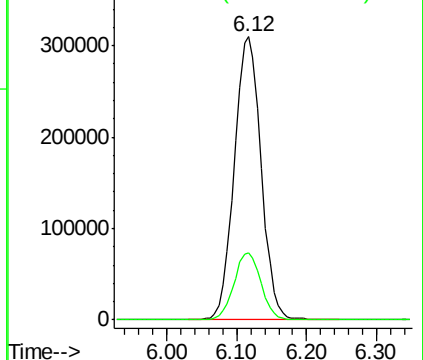
78 100

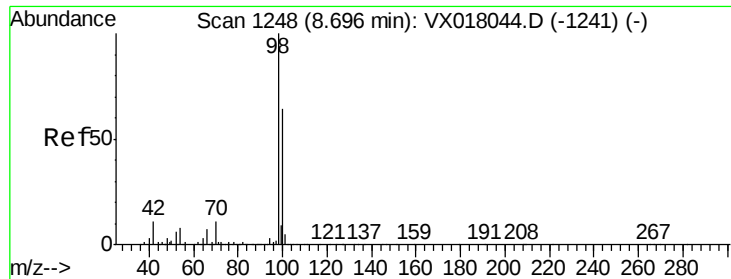
77 23.7 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 47.933 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

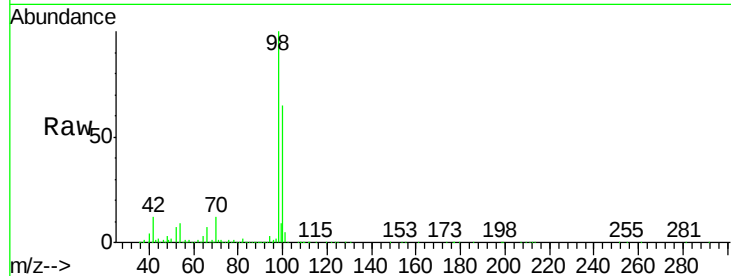
TP-1DL

Tot Ion: 98 Resp: 844885

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

600000

500000

400000

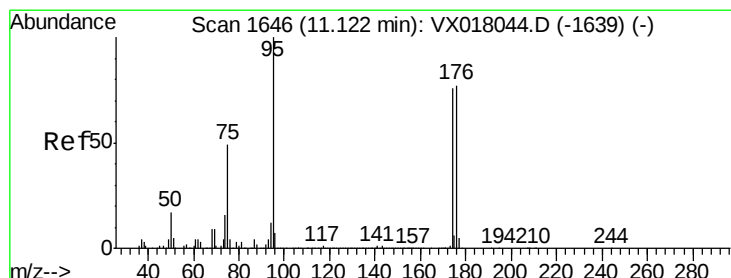
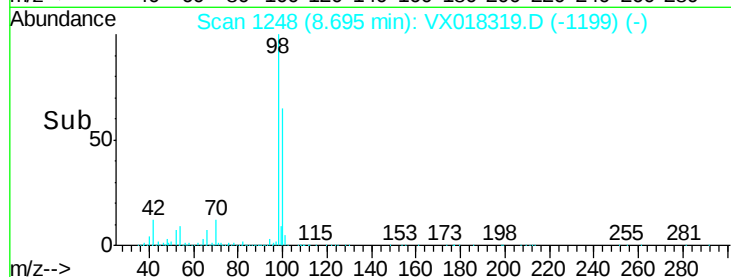
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.643 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

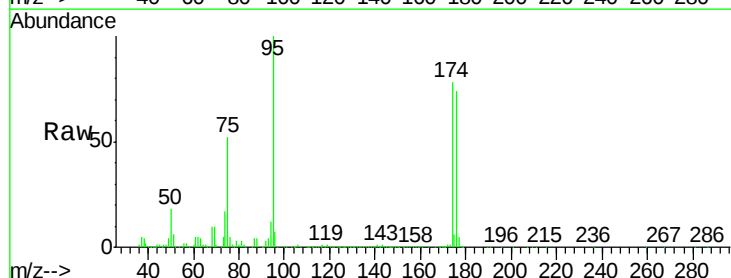
Tgt Ion: 95 Resp: 316532

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

176 75.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

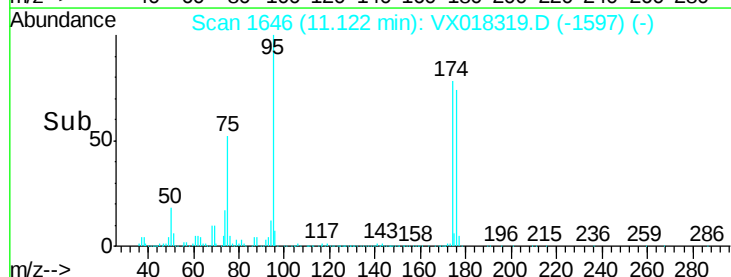
300000

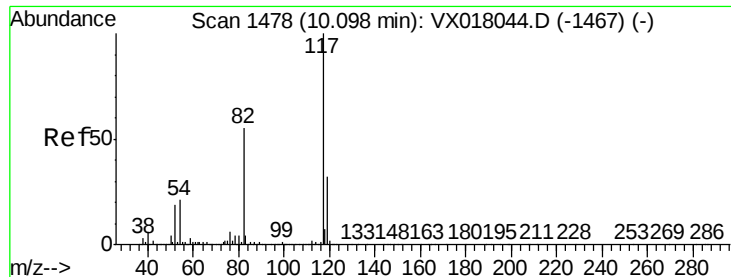
200000

100000

0

Time-->

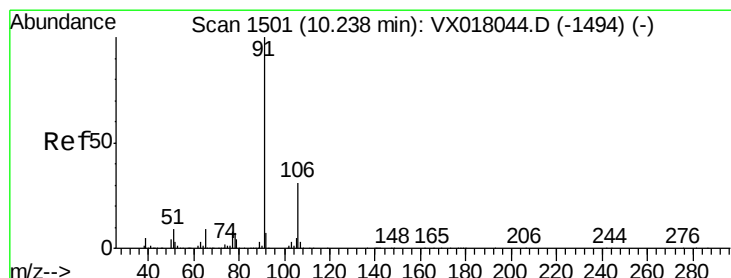
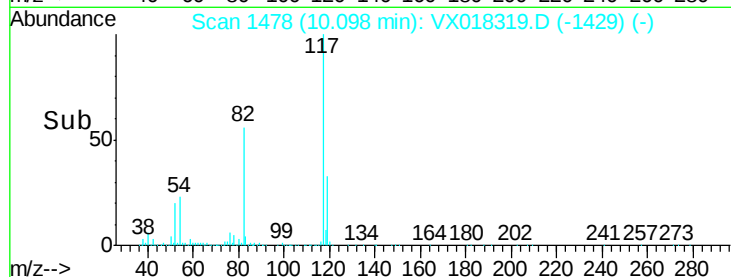
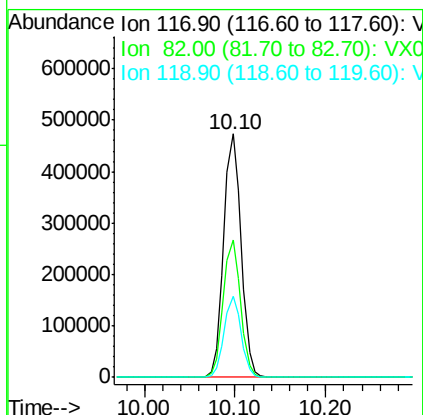
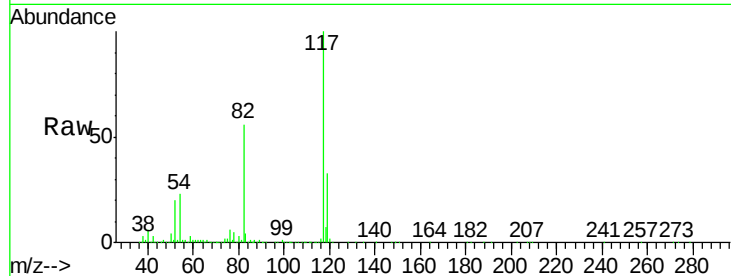




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018319.D
Acq: 09 Sep 2020 13:58

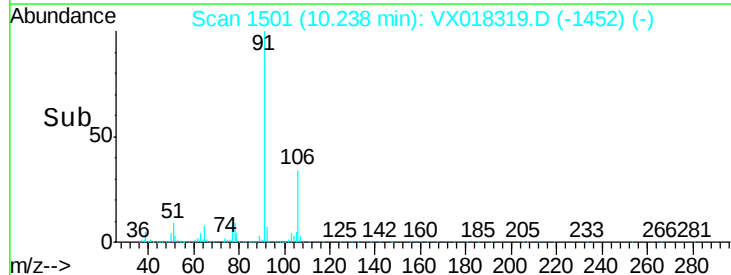
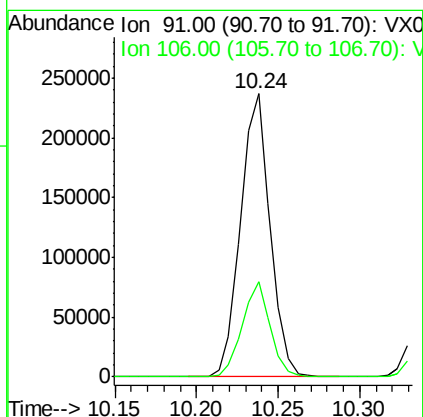
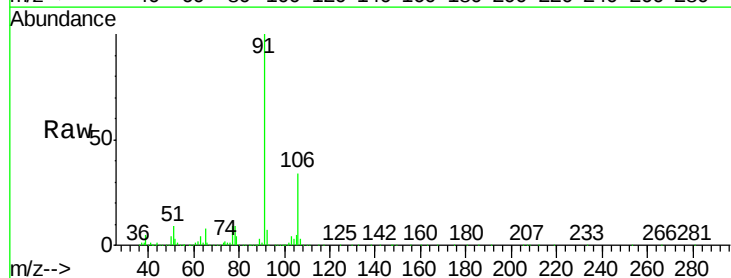
Instrument :
MSVOA_X
ClientSampleId :
TP-1DL

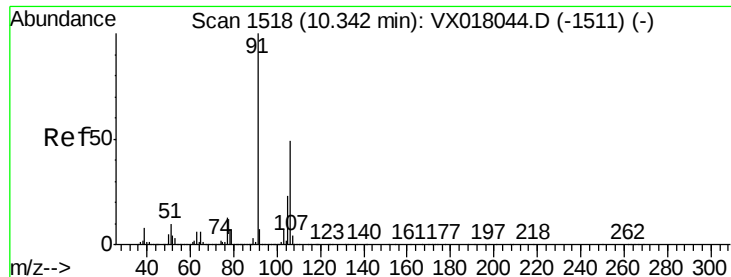
Tot Ion:117 Resp: 638185
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 33.2 25.7 38.5



#67
Ethyl Benzene
Concen: 13.810 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018319.D
Acq: 09 Sep 2020 13:58

Tgt Ion: 91 Resp: 299337
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3





#68

m/p-Xylenes

Concen: 10.505 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

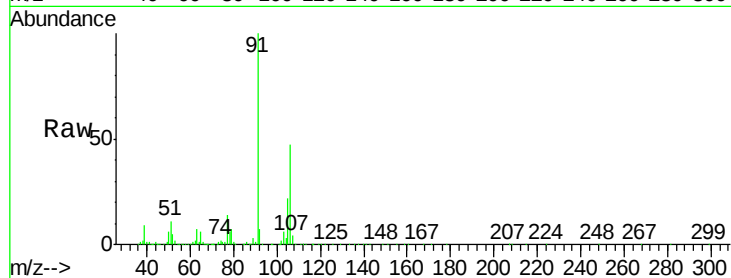
TP-1DL

Tot Ion:106 Resp: 84988

Ion Ratio Lower Upper

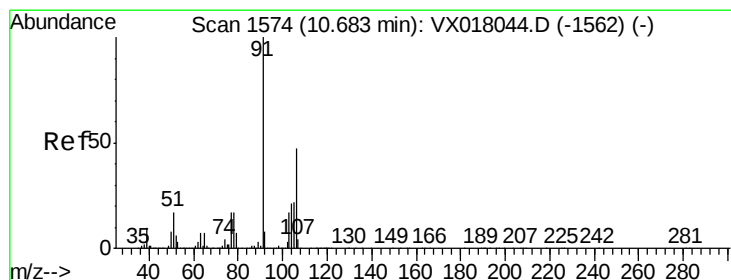
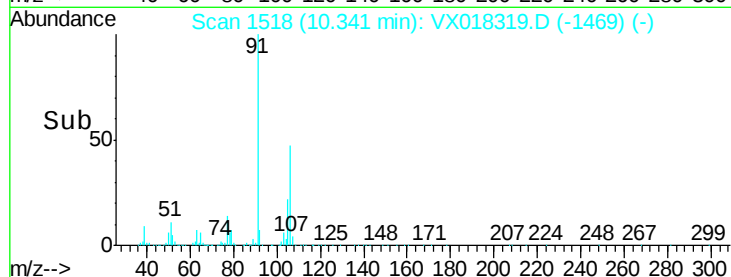
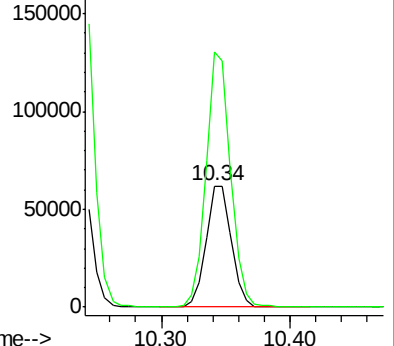
106 100

91 203.2 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 3.083 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018319.D

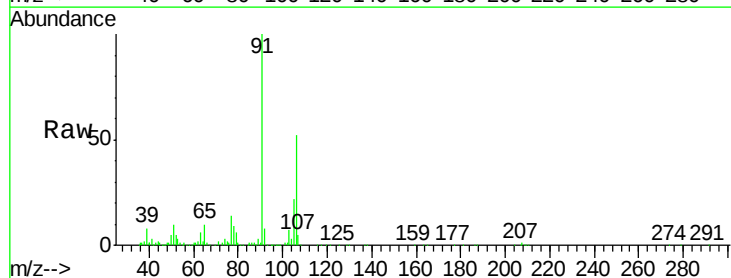
Acq: 09 Sep 2020 13:58

Tgt Ion:106 Resp: 24177

Ion Ratio Lower Upper

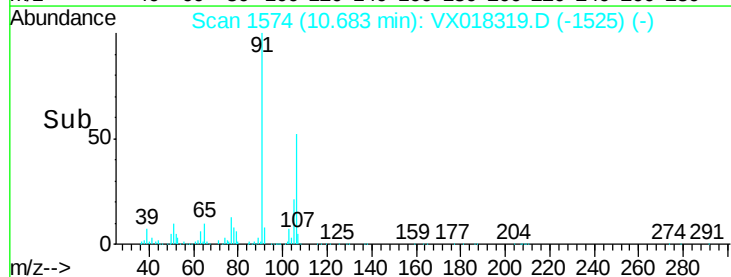
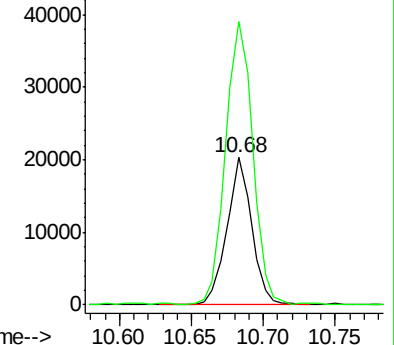
106 100

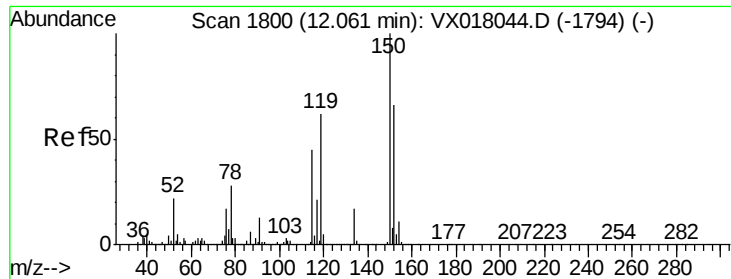
91 211.1 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

TP-1DL

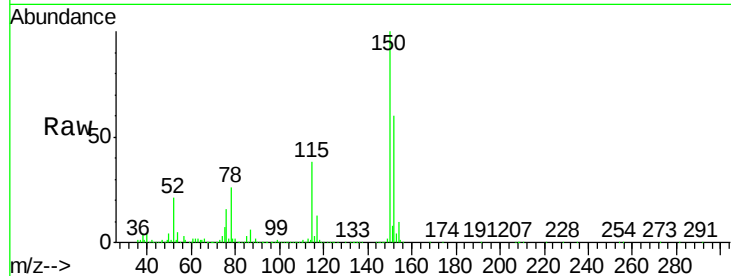
Tot Ion:152 Resp: 331160

Ion Ratio Lower Upper

152 100

115 59.1 41.5 124.5

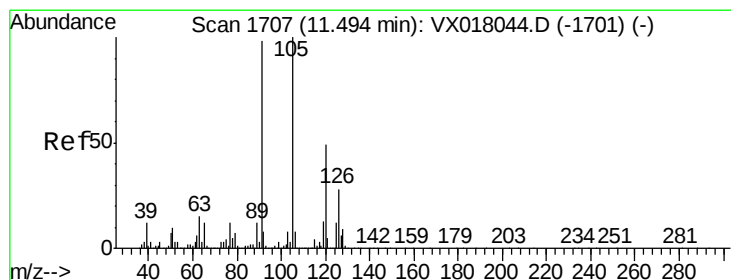
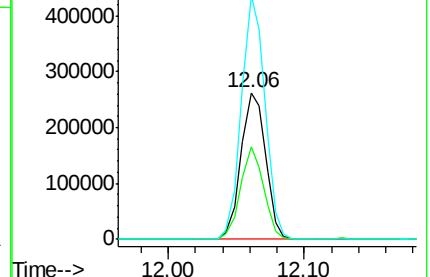
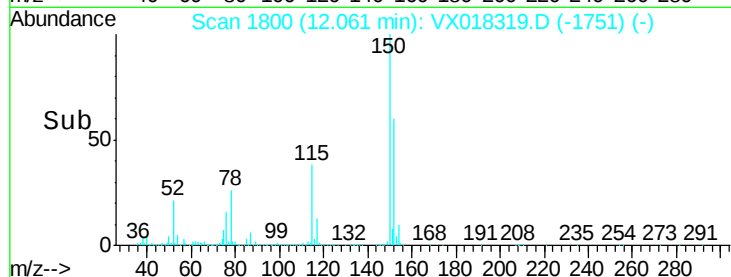
150 159.0 0.0 343.8



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



#80

1,3,5-Trimethylbenzene

Concen: 2.012 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018319.D

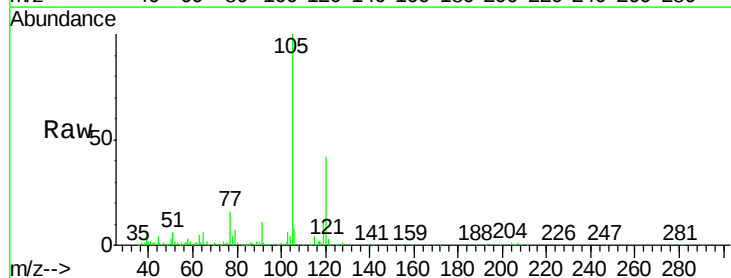
Acq: 09 Sep 2020 13:58

Tgt Ion:105 Resp: 36120

Ion Ratio Lower Upper

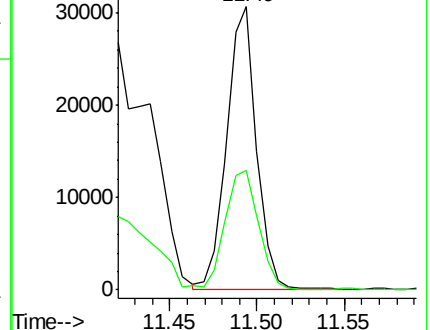
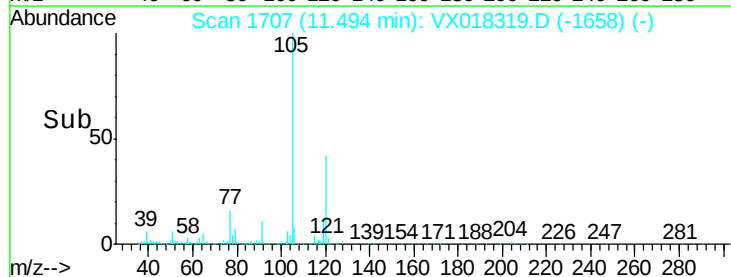
105 100

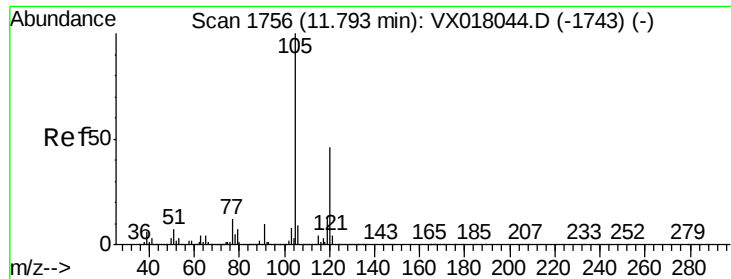
120 47.6 24.1 72.2



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: 6.565 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

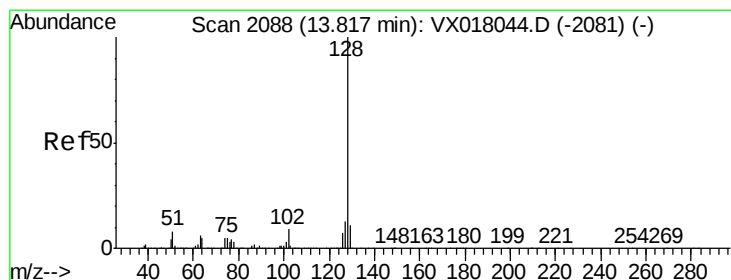
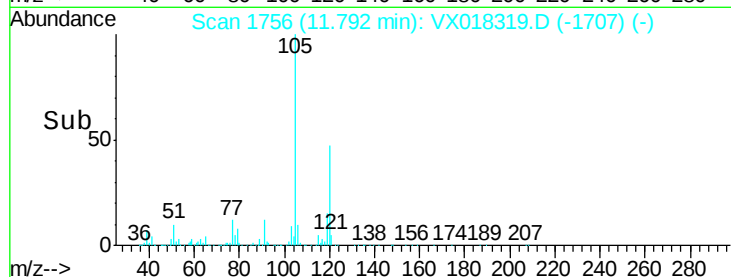
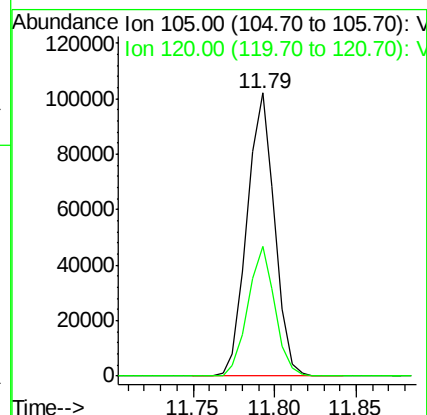
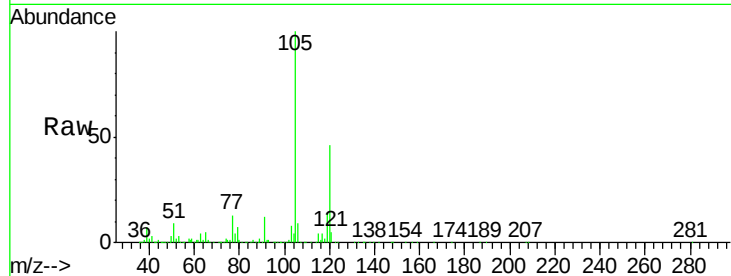
TP-1DL

Tot Ion:105 Resp: 120482

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9



#95

Naphthalene

Concen: 153.528 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018319.D

Acq: 09 Sep 2020 13:58

Tgt Ion:128 Resp: 3362199

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.7 13.1

