

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017703.D
 Acq On : 31 Jul 2020 15:52
 Operator : JC/SP
 Sample : L3526-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB179-GW-98-100

Quant Time: Aug 01 03:51:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	449458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	778892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	794302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	438389	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	331611	57.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.88%	
35) Dibromofluoromethane	5.47	113	264300	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	8.70	98	910614	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	426082	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	

Target Compounds

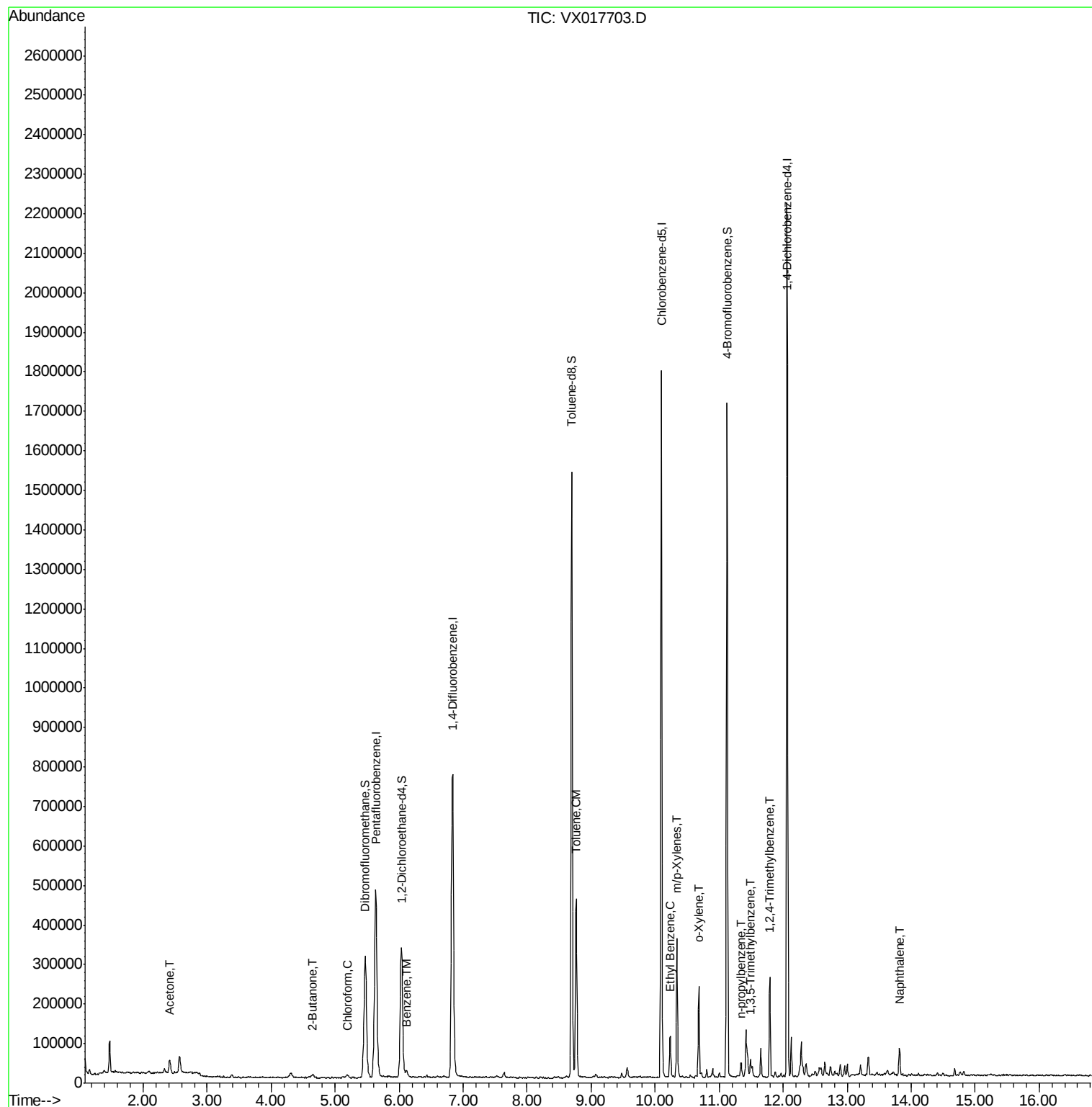
						Qvalue
16) Acetone	2.42	43	36354	14.306	ug/l	95
25) 2-Butanone	4.64	43	12338	3.418	ug/l	91
30) Chloroform	5.19	83	8015	0.879	ug/l	91
40) Benzene	6.12	78	16673	0.778	ug/l	96
52) Toluene	8.77	92	163933	11.935	ug/l	97
67) Ethyl Benzene	10.23	91	60858	2.121	ug/l	93
68) m/p-Xylenes	10.34	106	79088	7.113	ug/l	100
69) o-Xylene	10.68	106	45814	4.284	ug/l	98
78) n-propylbenzene	11.34	91	17691	0.522	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	19707	0.767	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	106374	4.165	ug/l	100
95) Naphthalene	13.82	128	42359	1.463	ug/l	98

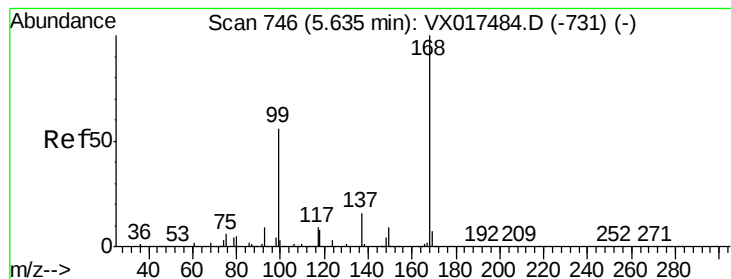
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073120\
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Quant Time: Aug 01 03:51:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

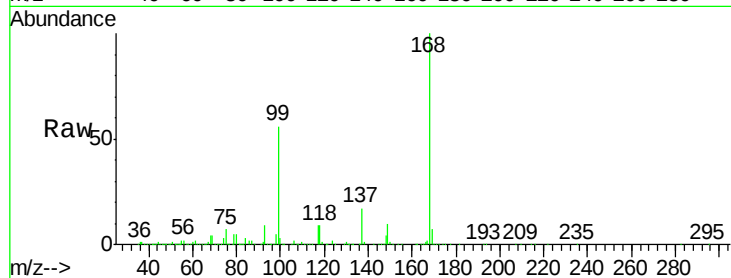
BP-VPB179-GW-98-100

Tot Ion:168 Resp: 449458

Ion Ratio Lower Upper

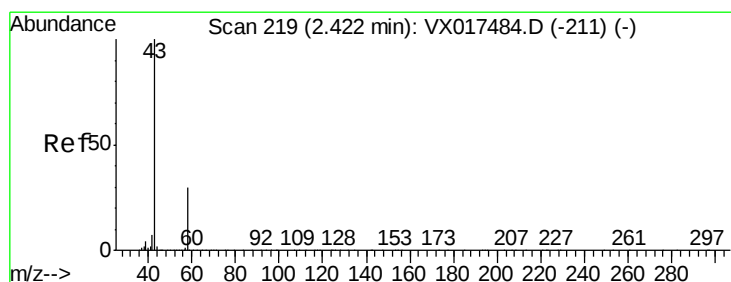
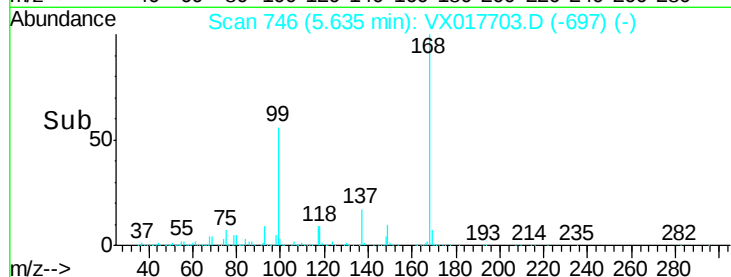
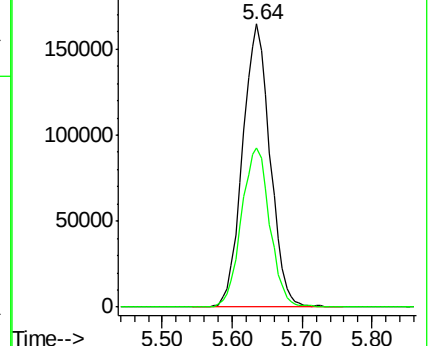
168 100

99 56.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.306 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017703.D

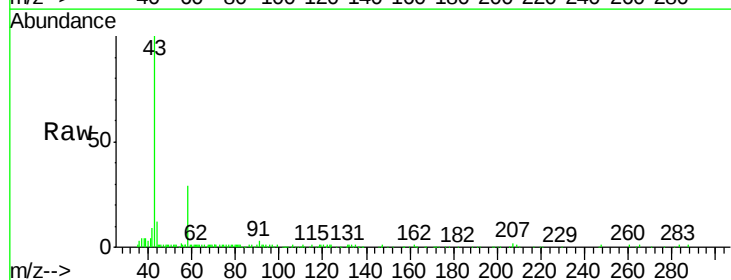
Acq: 31 Jul 2020 15:52

Tgt Ion: 43 Resp: 36354

Ion Ratio Lower Upper

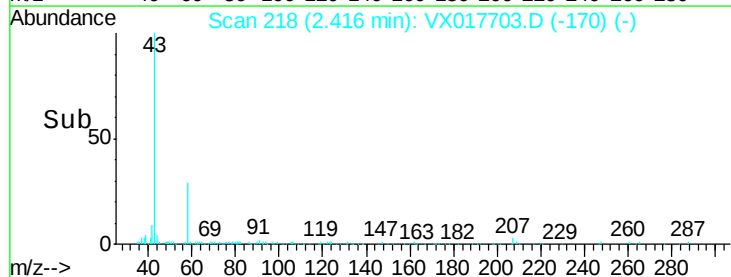
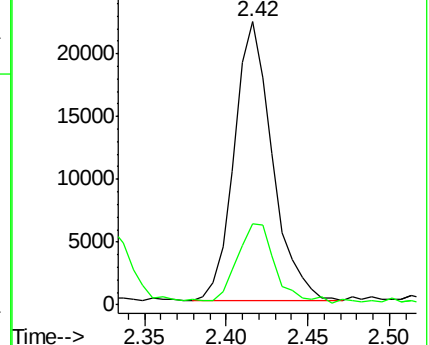
43 100

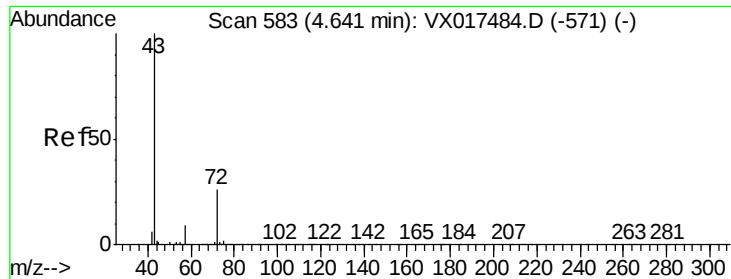
58 27.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 3.418 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

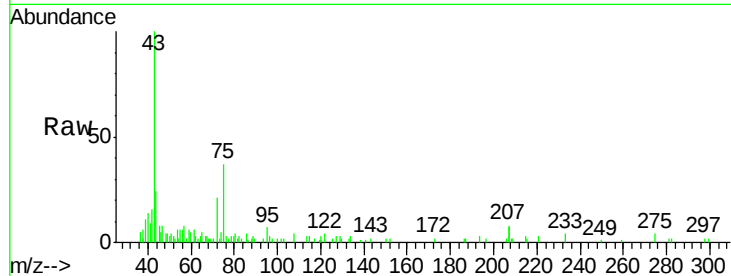
BP-VPB179-GW-98-100

Tot Ion: 43 Resp: 12338

Ion Ratio Lower Upper

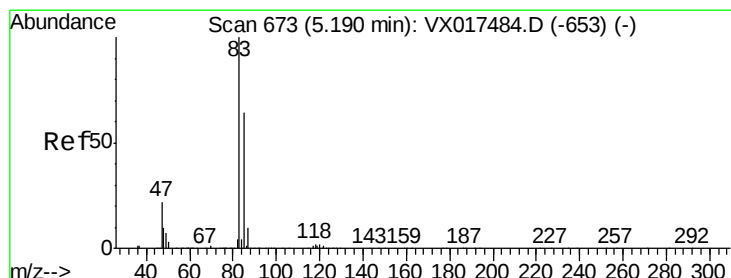
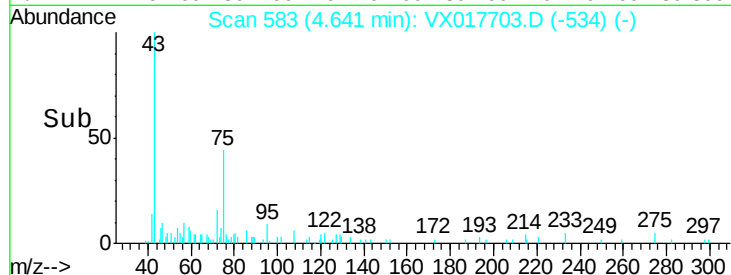
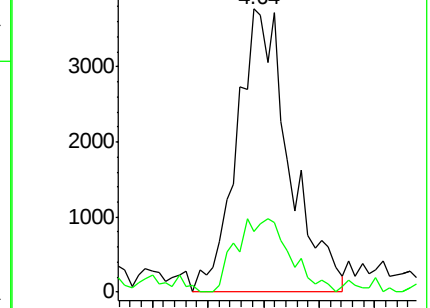
43 100

72 19.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 0.879 ug/l

RT: 5.19 min Scan# 673

Delta R.T. -0.00 min

Lab File: VX017703.D

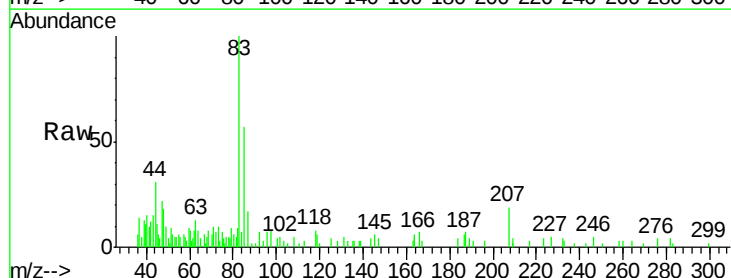
Acq: 31 Jul 2020 15:52

Tgt Ion: 83 Resp: 8015

Ion Ratio Lower Upper

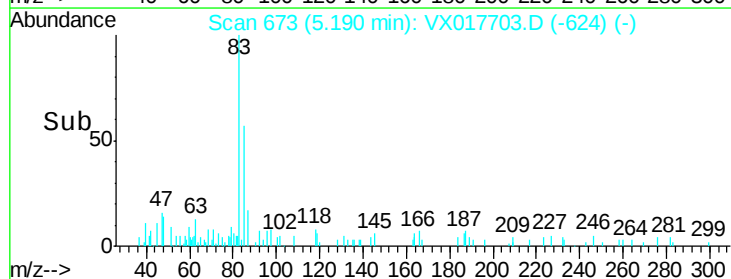
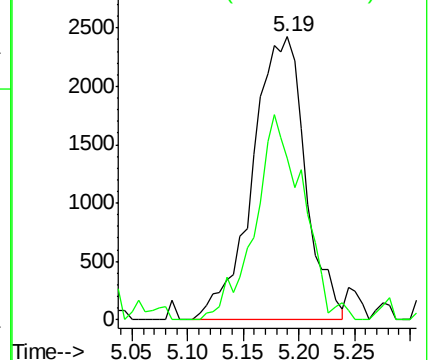
83 100

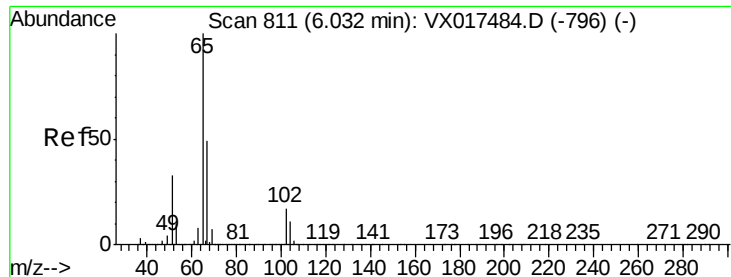
85 57.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 57.437 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

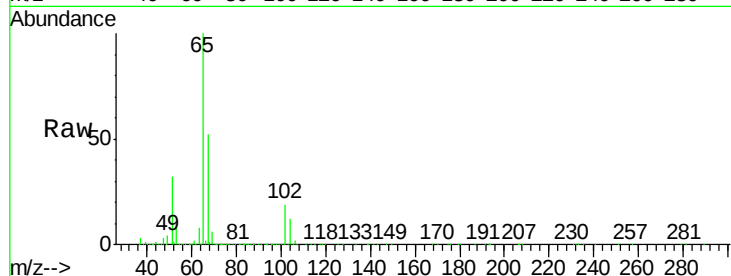
BP-VPB179-GW-98-100

Tot Ion: 65 Resp: 331611

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

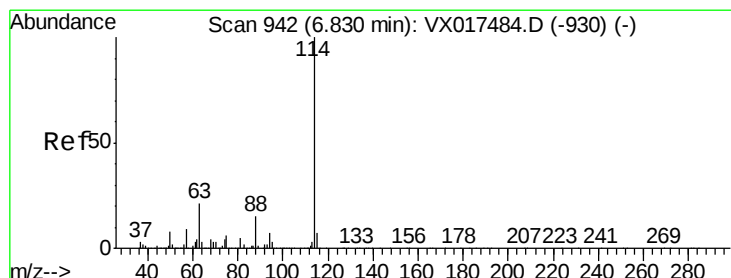
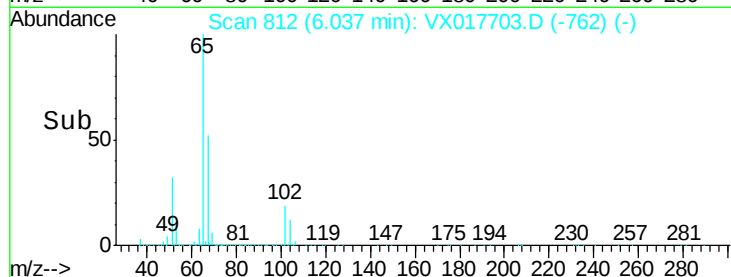
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

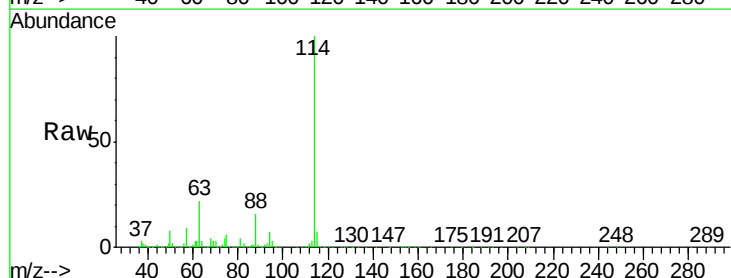
Tgt Ion: 114 Resp: 778892

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

88 16.2 0.0 33.4



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

400000

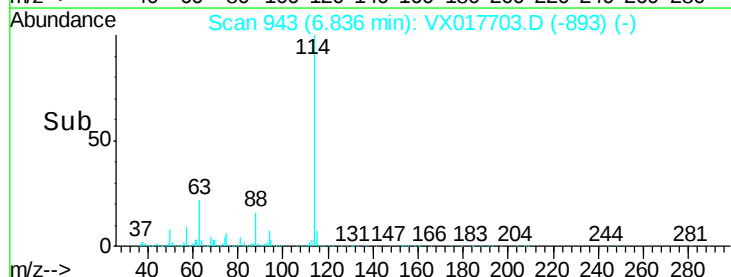
300000

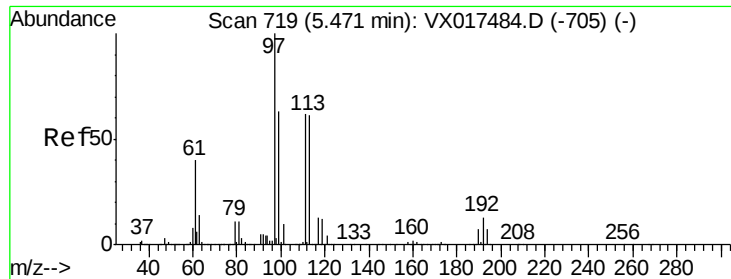
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB179-GW-98-100

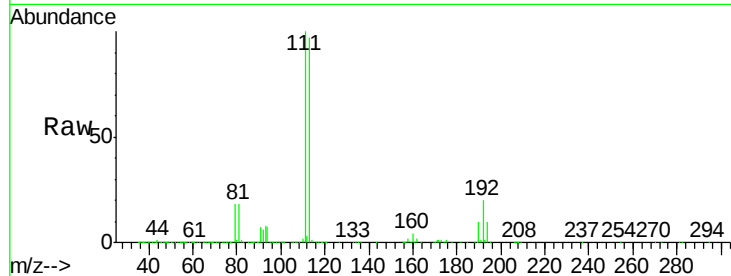
Tot Ion:113 Resp: 264300

Ion Ratio Lower Upper

113 100

111 102.4 80.7 121.1

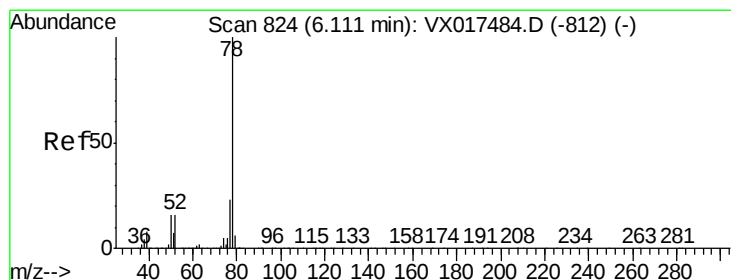
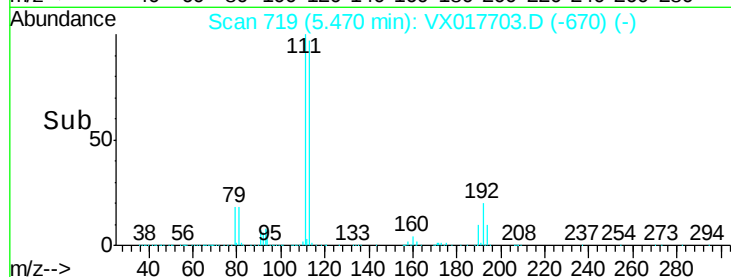
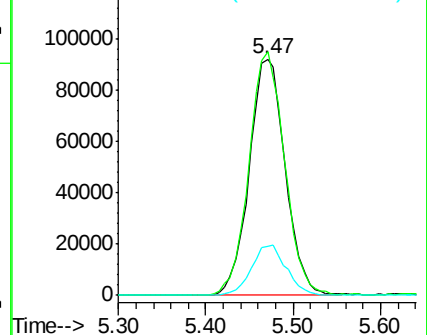
192 20.9 16.9 25.3



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: 0.778 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX017703.D

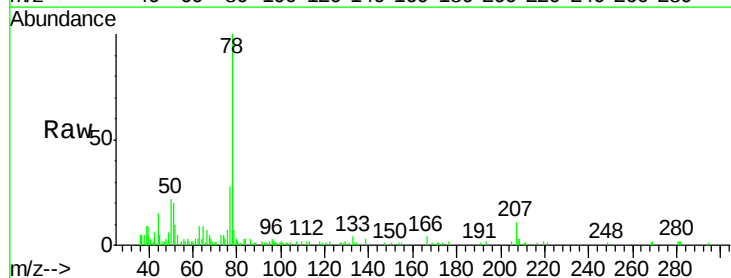
Acq: 31 Jul 2020 15:52

Tgt Ion: 78 Resp: 16673

Ion Ratio Lower Upper

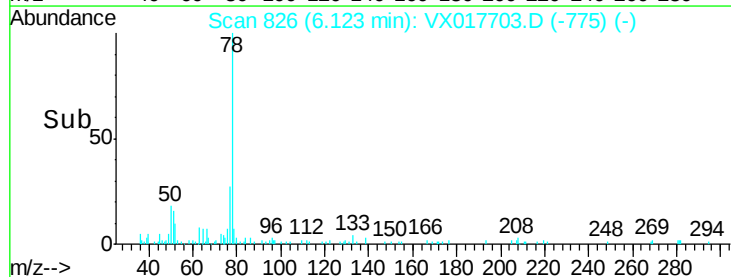
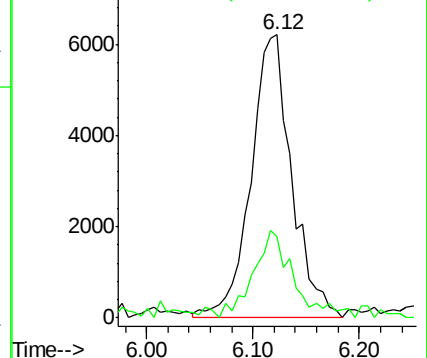
78 100

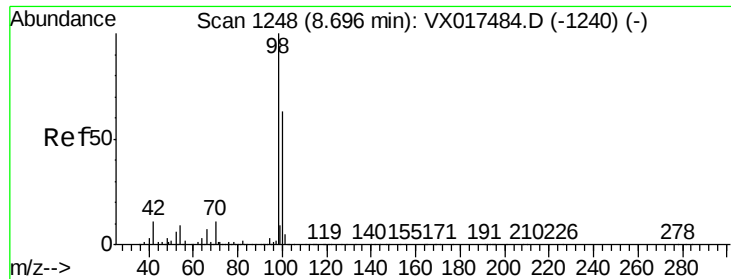
77 26.4 19.4 29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 48.457 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

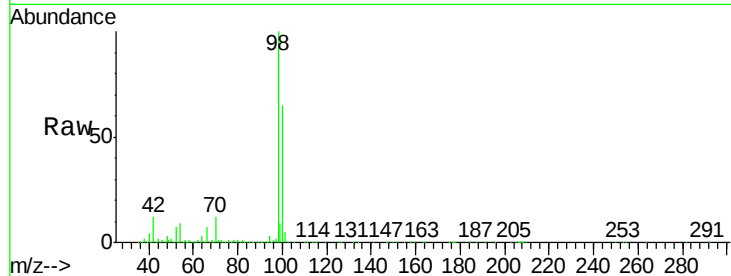
BP-VPB179-GW-98-100

Tot Ion: 98 Resp: 910614

Ion Ratio Lower Upper

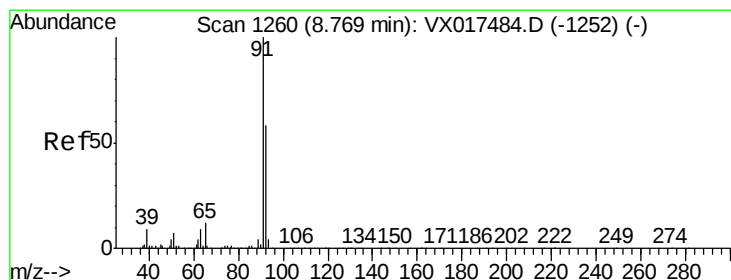
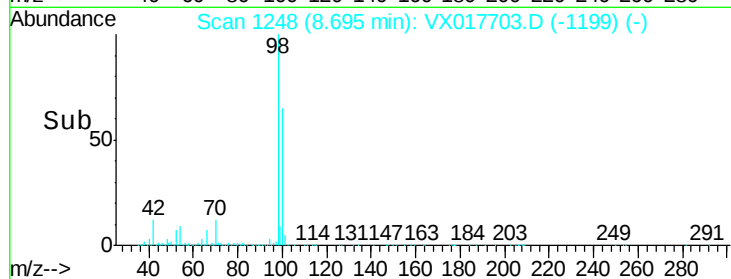
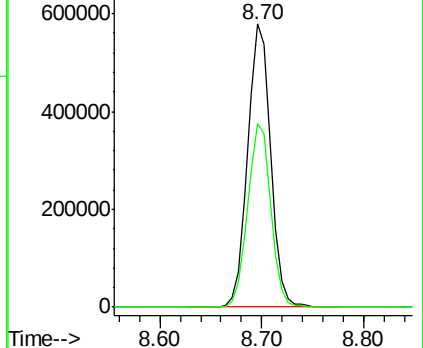
98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 11.935 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017703.D

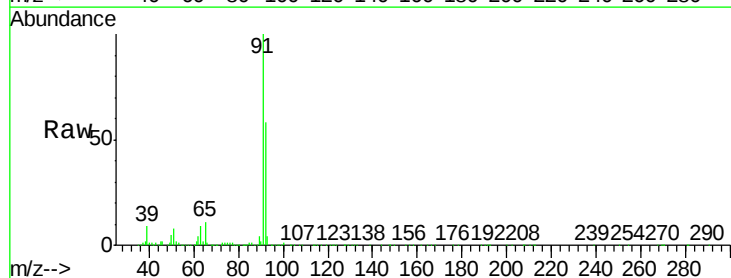
Acq: 31 Jul 2020 15:52

Tgt Ion: 92 Resp: 163933

Ion Ratio Lower Upper

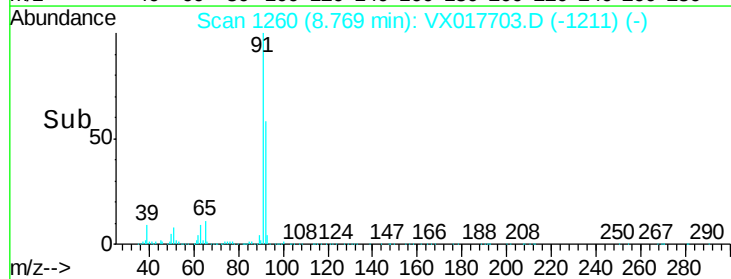
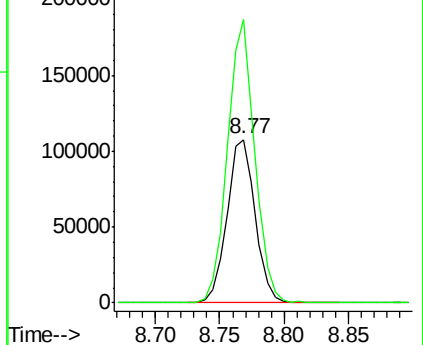
92 100

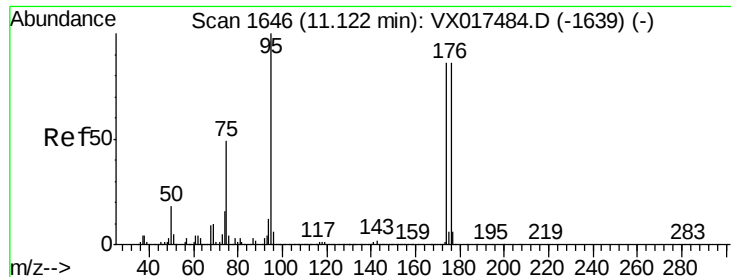
91 168.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.654 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

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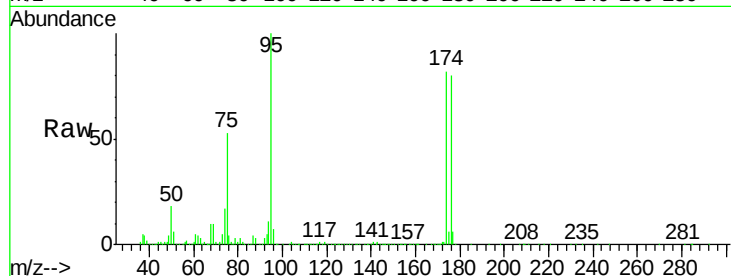
Tot Ion: 95 Resp: 426082

Ion Ratio Lower Upper

95 100

174 83.7 0.0 169.0

176 81.4 0.0 161.0

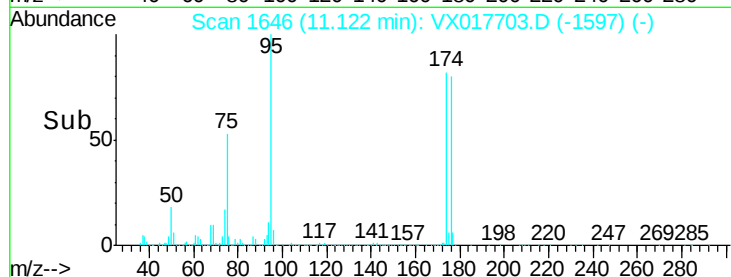


Abundance Ion 94.90 (94.60 to 95.60): VX017484.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017484.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017484.D (-1639) (-)

Time-->

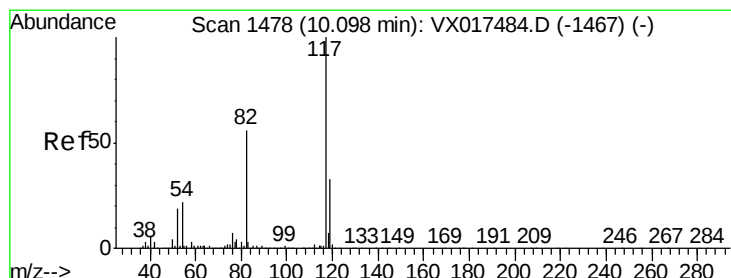


Abundance Ion 94.90 (94.60 to 95.60): VX017703.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017703.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017703.D (-1597) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

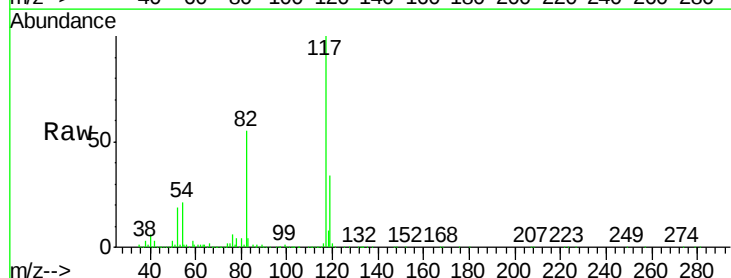
Tgt Ion: 117 Resp: 794302

Ion Ratio Lower Upper

117 100

82 55.3 44.0 66.0

119 34.0 25.4 38.0

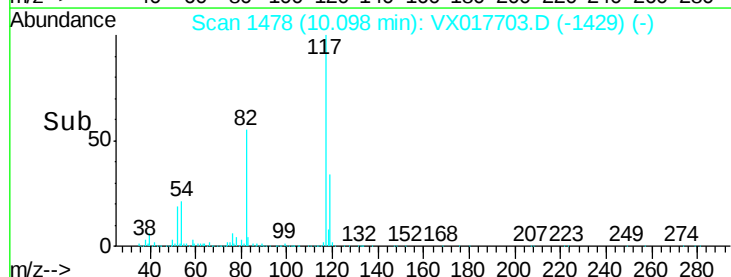


Abundance Ion 116.90 (116.60 to 117.60): VX017484.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX017484.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX017484.D (-1467) (-)

Time-->

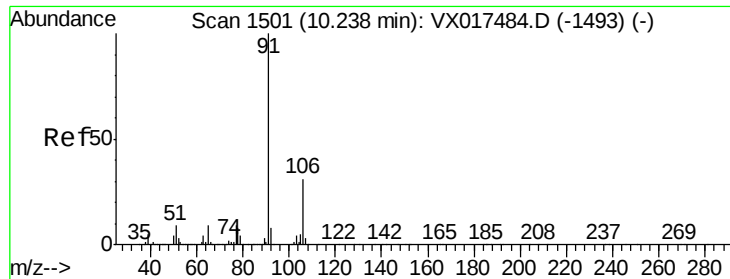


Abundance Ion 116.90 (116.60 to 117.60): VX017703.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017703.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017703.D (-1429) (-)

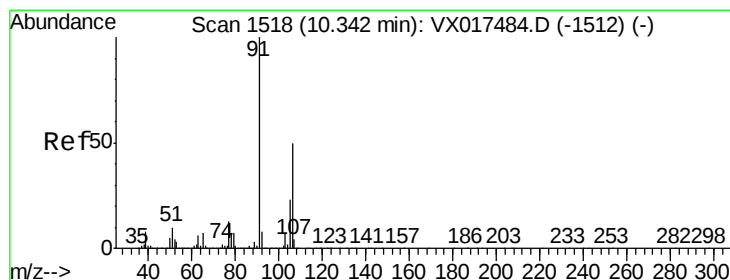
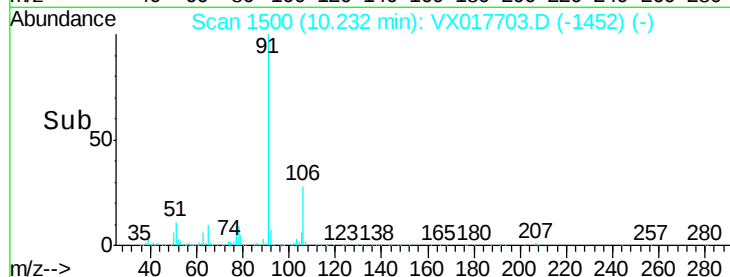
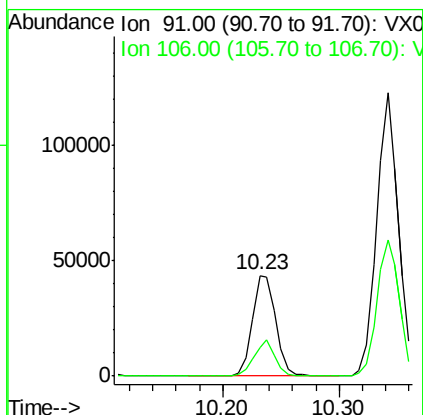
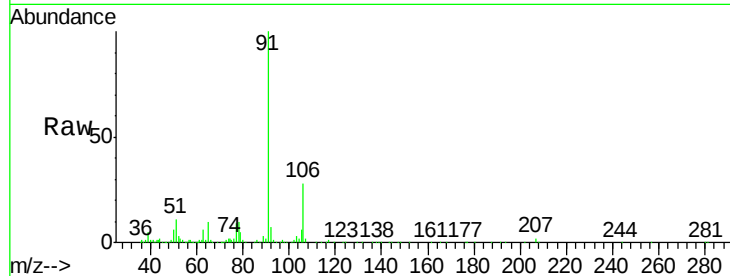
Time-->



#67
Ethyl Benzene
Concen: 2.121 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

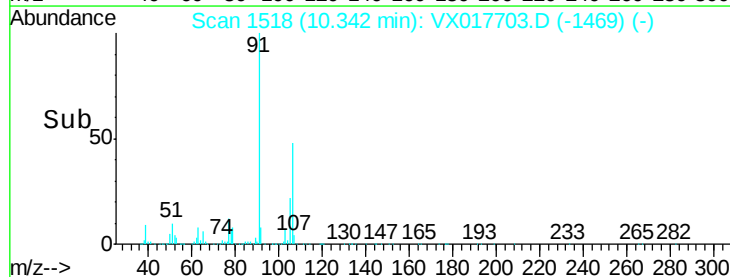
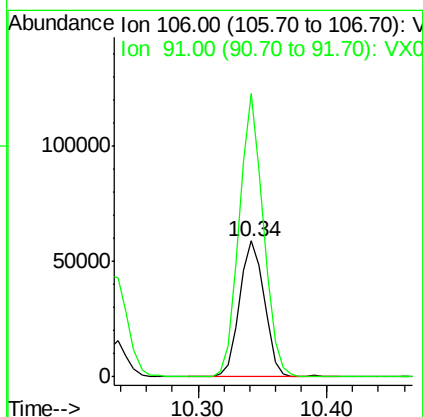
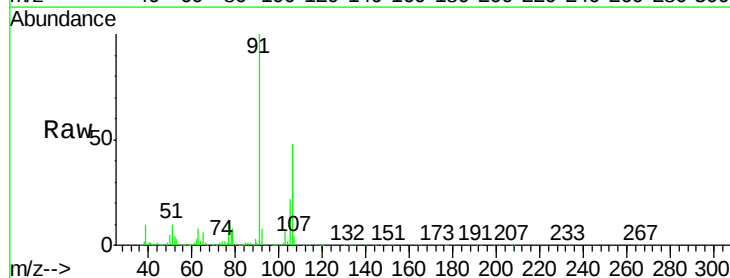
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-98-100

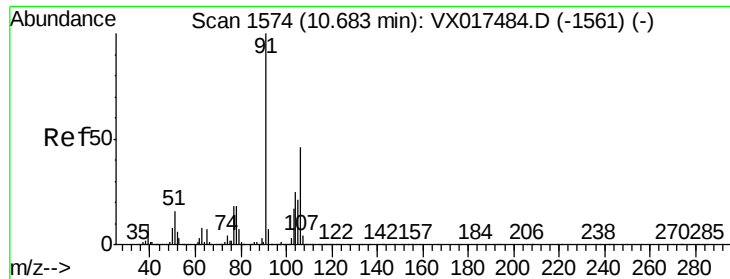
Tot Ion: 91 Resp: 60858
Ion Ratio Lower Upper
91 100
106 28.4 25.8 38.6



#68
m/p-Xylenes
Concen: 7.113 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

Tgt Ion: 106 Resp: 79088
Ion Ratio Lower Upper
106 100
91 201.4 160.9 241.3

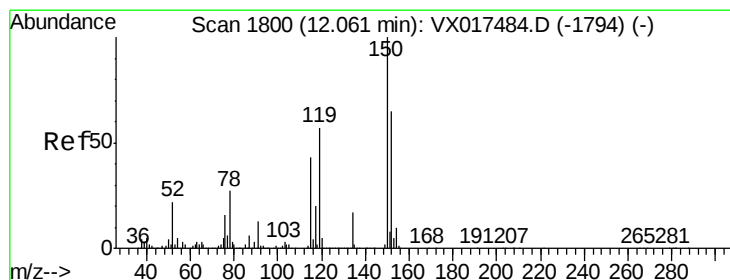
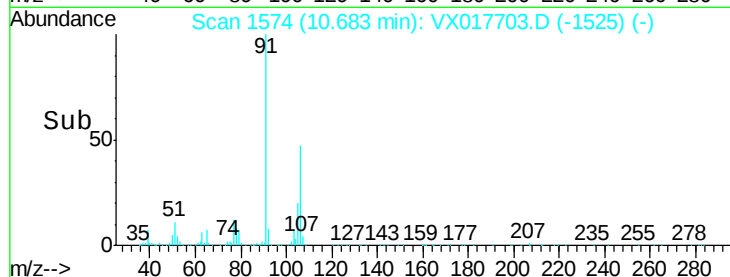
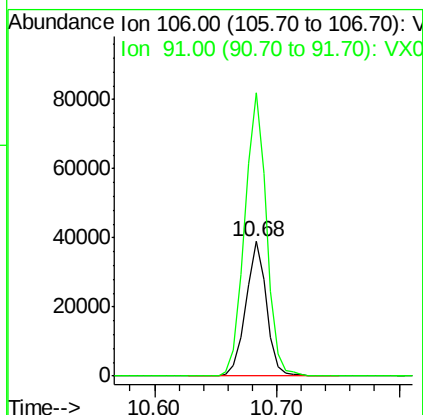
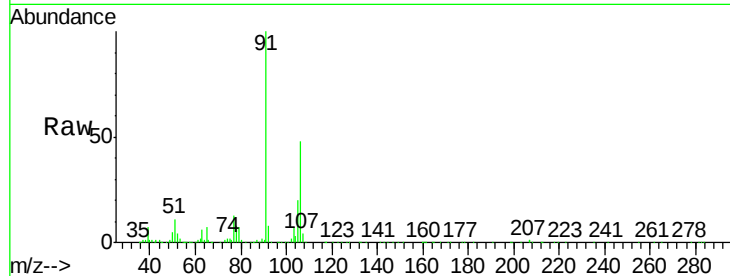




#69
o-Xylene
Concen: 4.284 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

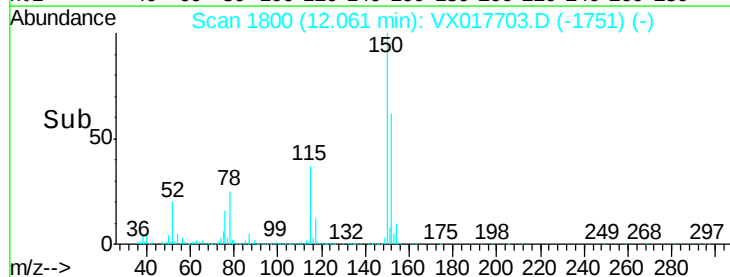
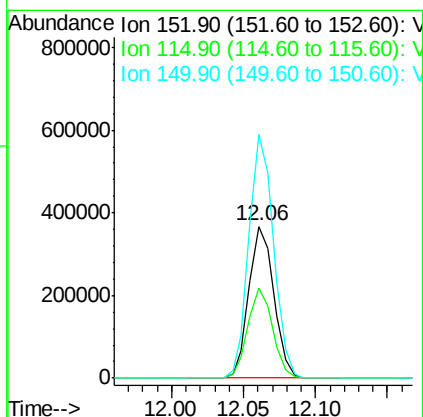
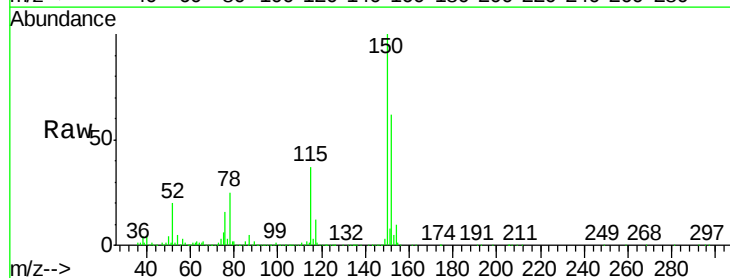
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-98-100

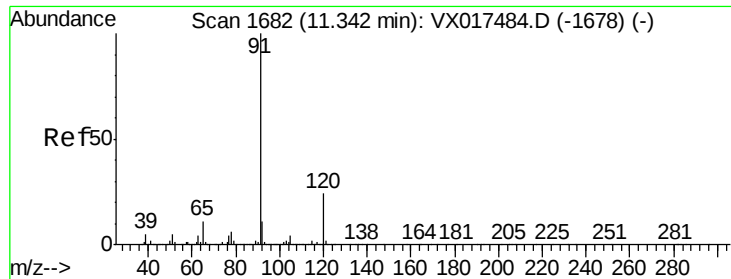
Tot Ion:106 Resp: 45814
Ion Ratio Lower Upper
106 100
91 219.9 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017703.D
Acq: 31 Jul 2020 15:52

Tgt Ion:152 Resp: 438389
Ion Ratio Lower Upper
152 100
115 58.5 65.5 196.6#
150 159.2 0.0 412.6





#78

n-propylbenzene

Concen: 0.522 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

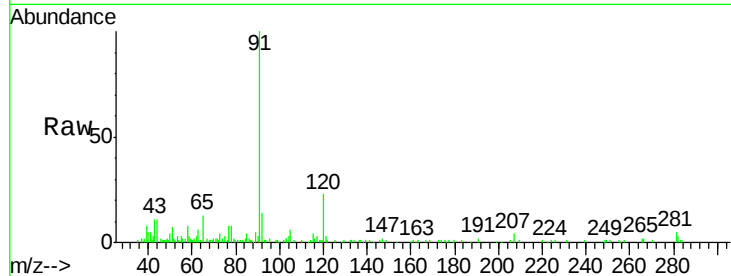
BP-VPB179-GW-98-100

Tot Ion: 91 Resp: 17691

Ion Ratio Lower Upper

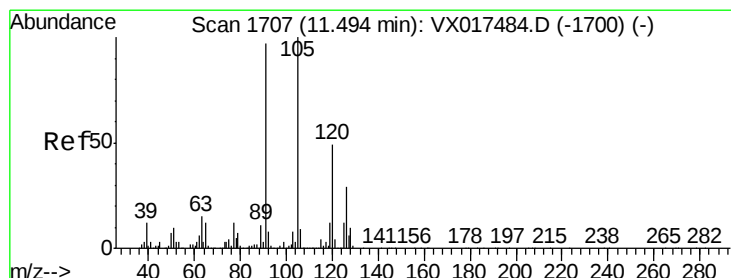
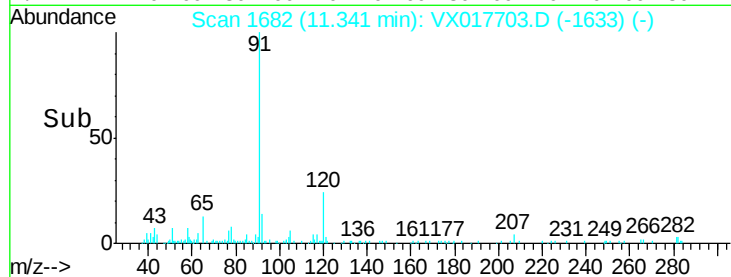
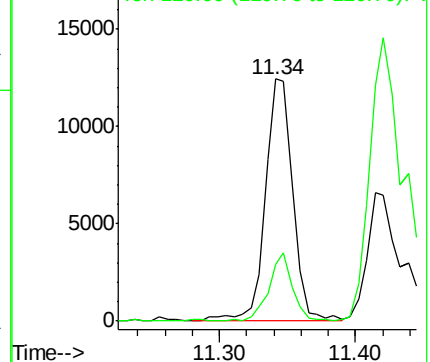
91 100

120 24.4 12.2 36.4



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: 0.767 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017703.D

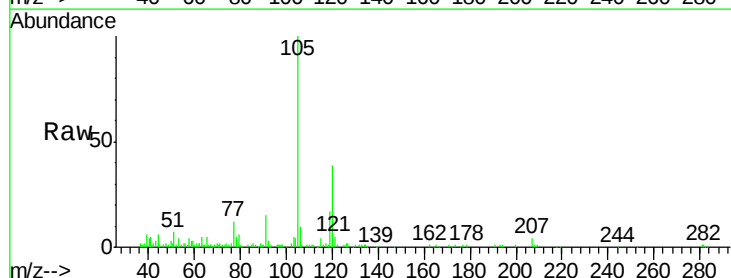
Acq: 31 Jul 2020 15:52

Tgt Ion:105 Resp: 19707

Ion Ratio Lower Upper

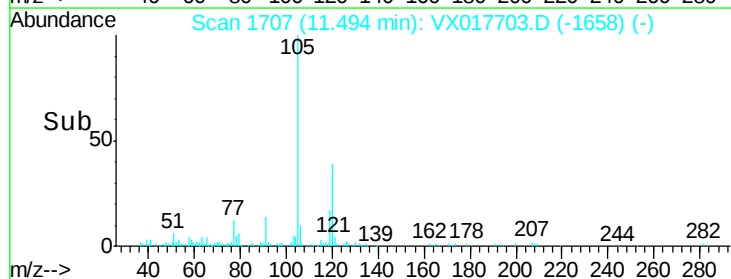
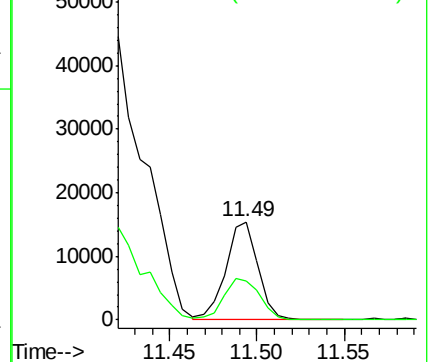
105 100

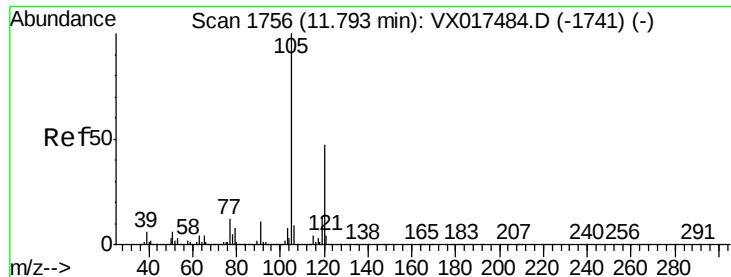
120 46.7 24.1 72.3



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: 4.165 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

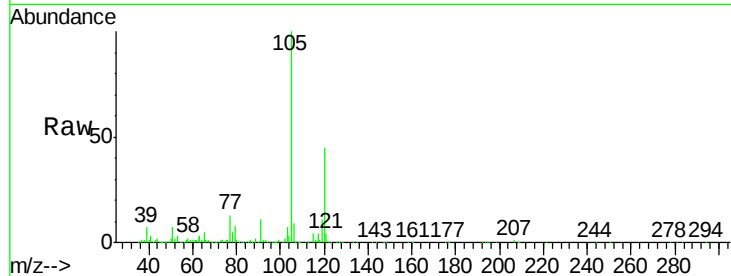
BP-VPB179-GW-98-100

Tot Ion:105 Resp: 106374

Ion Ratio Lower Upper

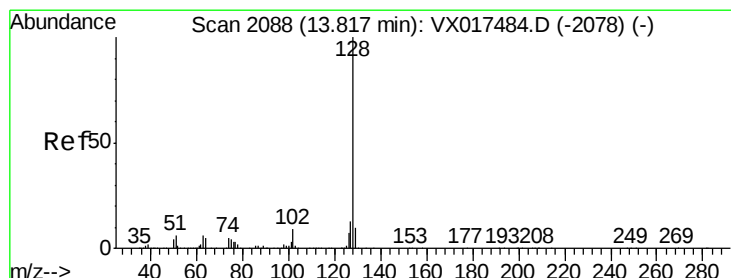
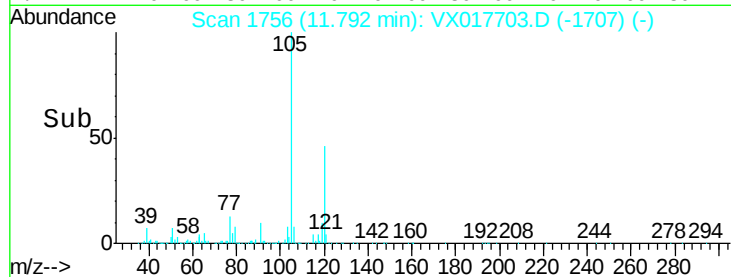
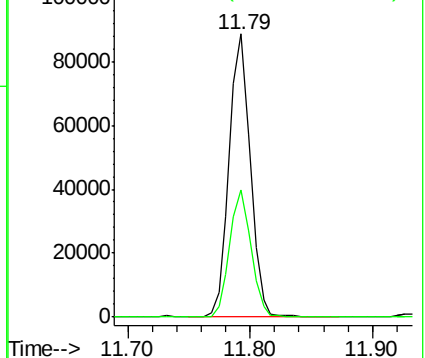
105 100

120 45.2 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 1.463 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017703.D

Acq: 31 Jul 2020 15:52

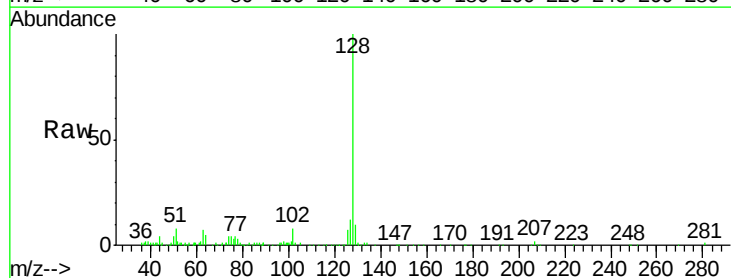
Tgt Ion:128 Resp: 42359

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 11.9 8.9 13.3



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

