

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018122.D
 Acq On : 28 Aug 2020 15:53
 Operator : JC/SP
 Sample : L3828-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW

Quant Time: Aug 29 05:45:58 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	552075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	910861	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	869633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	406823	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	375810	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
35) Dibromofluoromethane	5.47	113	305835	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	8.70	98	1095463	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	11.12	95	438007	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	

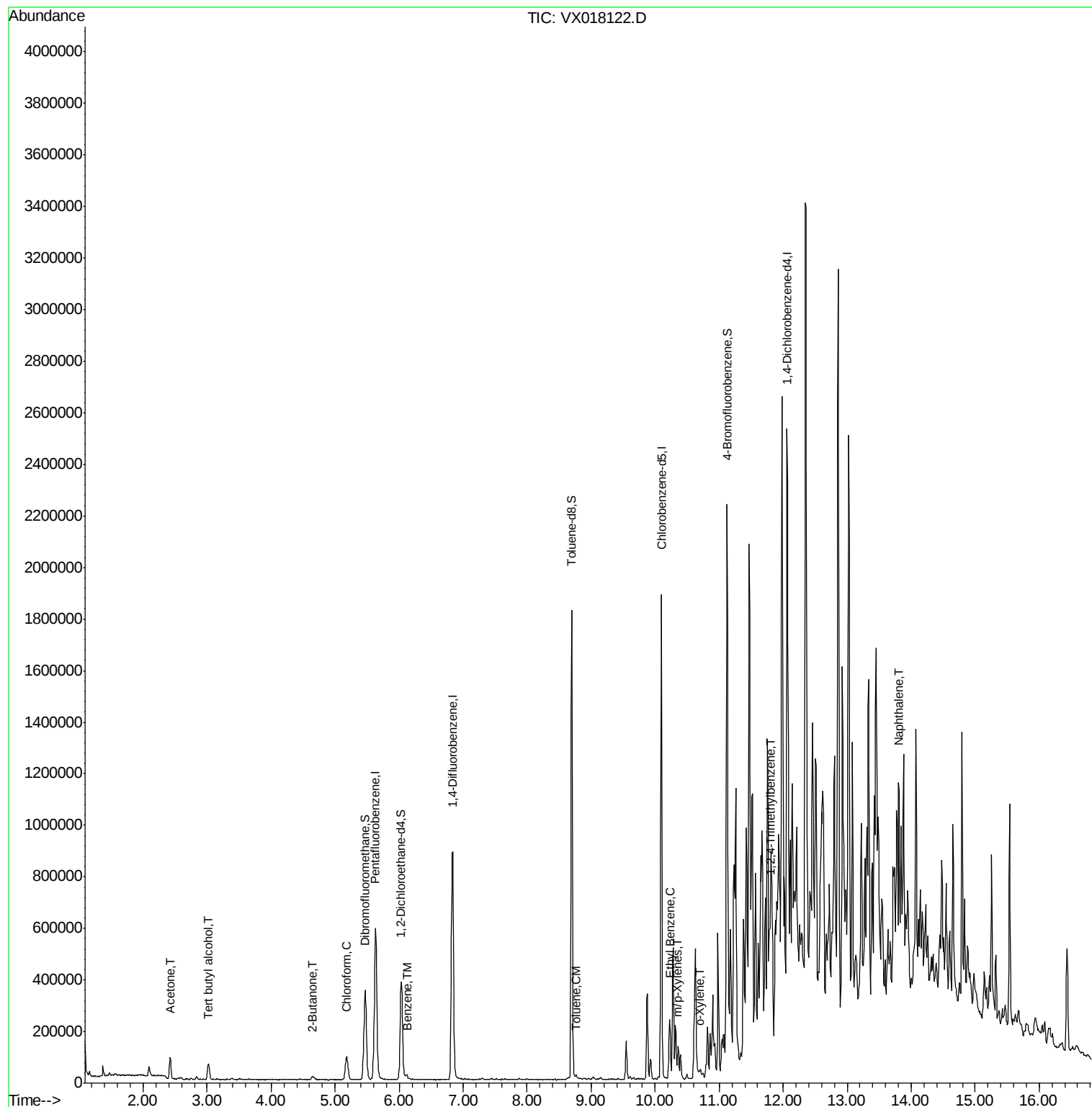
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	77520	52.020	ug/l	99
16) Acetone	2.42	43	91505	30.640	ug/l	100
25) 2-Butanone	4.64	43	20087	4.093	ug/l	93
30) Chloroform	5.18	83	107880	9.567	ug/l	96
40) Benzene	6.12	78	18800	0.762	ug/l	94
52) Toluene	8.77	92	4768	0.305	ug/l	91
67) Ethyl Benzene	10.24	91	15225	0.515	ug/l	92
68) m/p-Xylenes	10.34	106	6031	0.547	ug/l	98
69) o-Xylene	10.68	106	3979	0.372	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	8869	0.393	ug/l	96
95) Naphthalene	13.82	128	120248	4.470	ug/l #	96

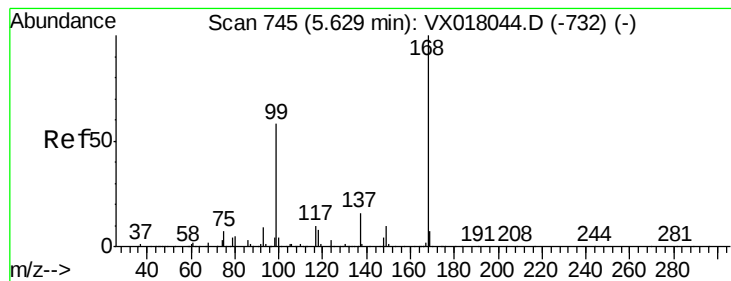
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082820\
Data File : VX018122.D
Acq On : 28 Aug 2020 15:53
Operator : JC/SP
Sample : L3828-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW

Quant Time: Aug 29 05:45:58 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# 745

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

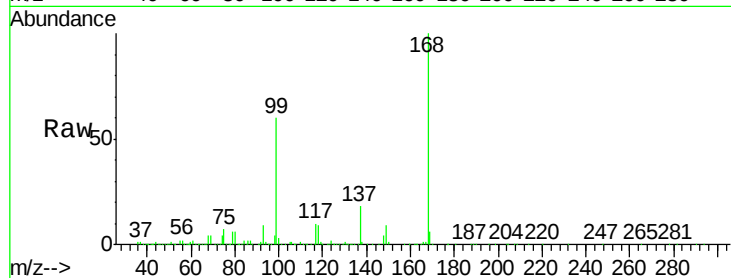
GW

Tot Ion:168 Resp: 552075

Ion Ratio Lower Upper

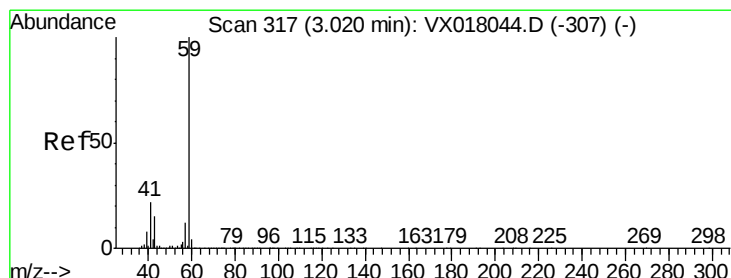
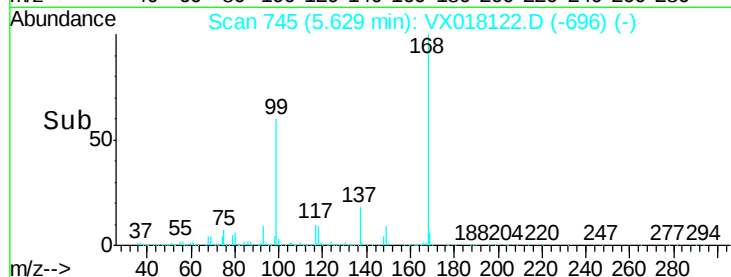
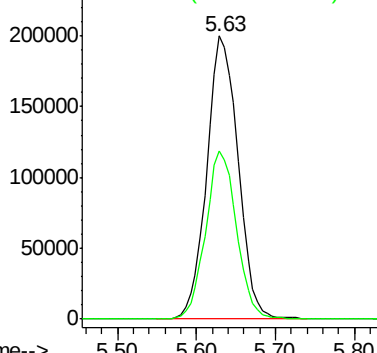
168 100

99 59.6 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 52.020 ug/l

RT: 3.02 min Scan# 317

Delta R.T. -0.00 min

Lab File: VX018122.D

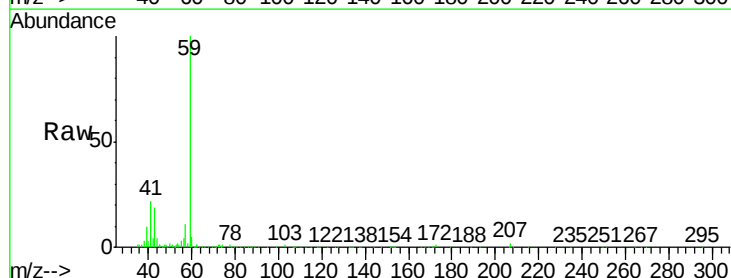
Acq: 28 Aug 2020 15:53

Tgt Ion: 59 Resp: 77520

Ion Ratio Lower Upper

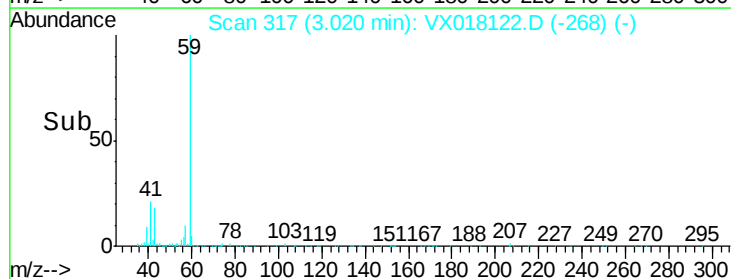
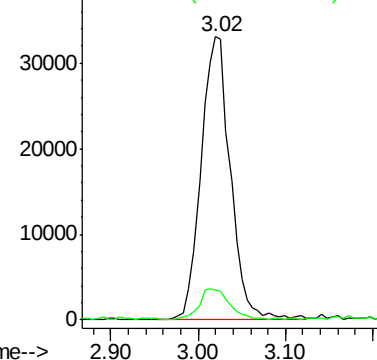
59 100

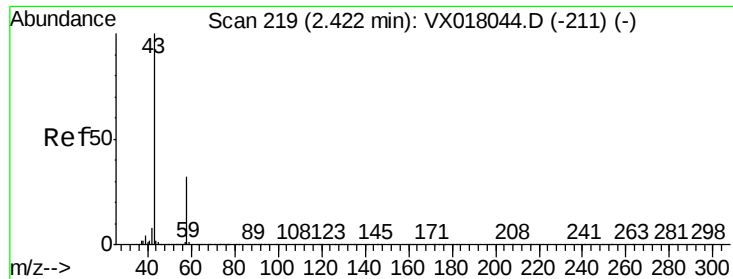
57 10.9 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 30.640 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

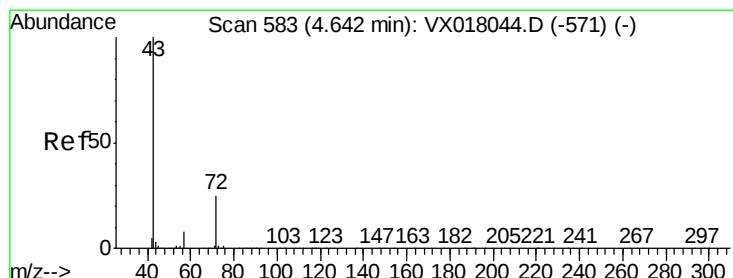
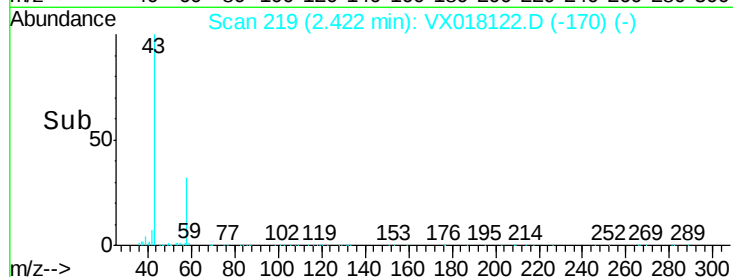
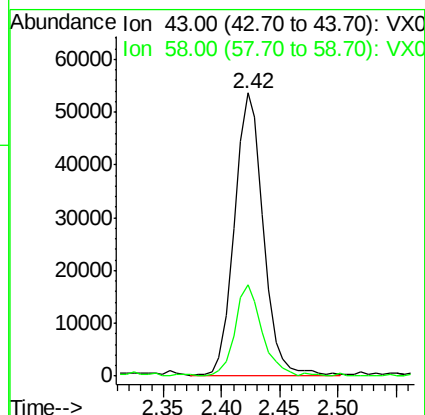
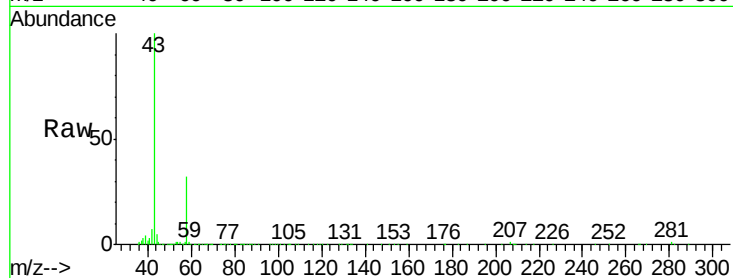
GW

Tot Ion: 43 Resp: 91505

Ion Ratio Lower Upper

43 100

58 31.8 25.5 38.3



#25

2-Butanone

Concen: 4.093 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018122.D

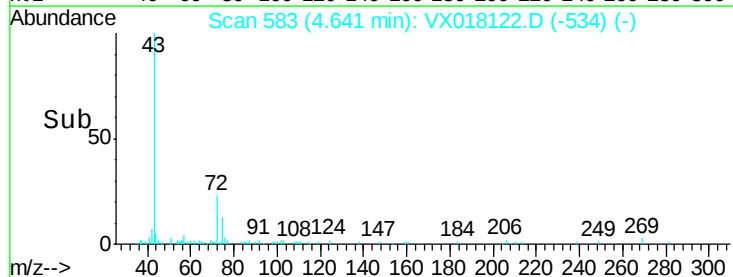
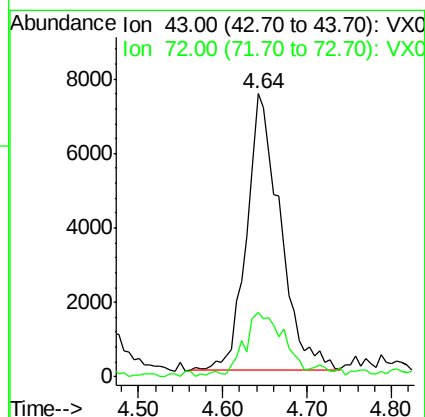
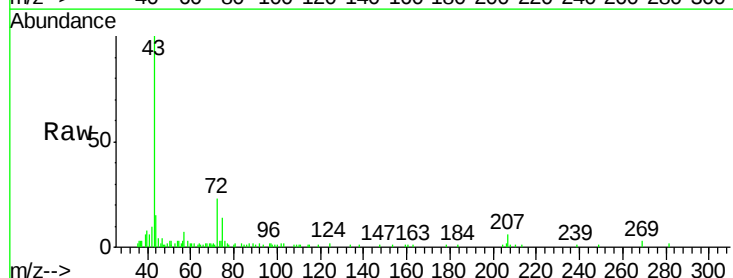
Acq: 28 Aug 2020 15:53

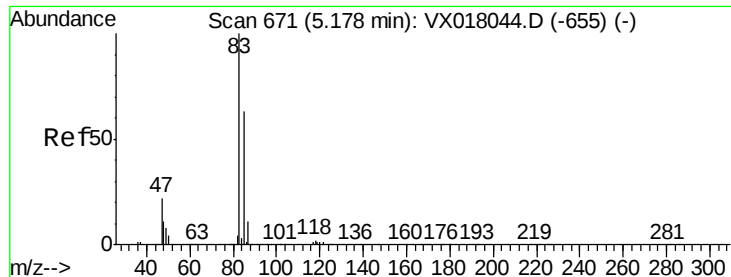
Tgt Ion: 43 Resp: 20087

Ion Ratio Lower Upper

43 100

72 21.0 19.8 29.6

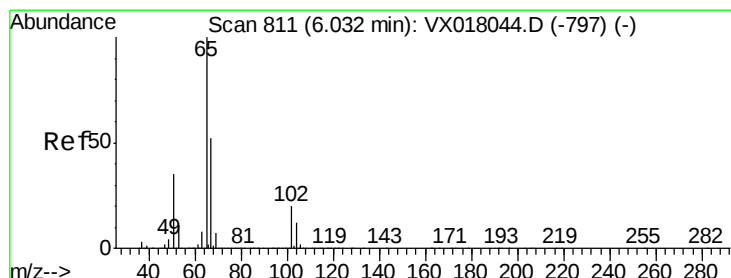
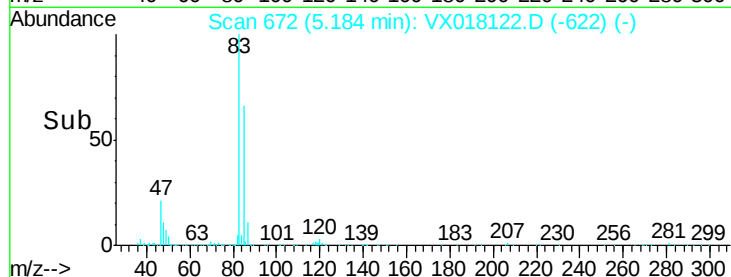
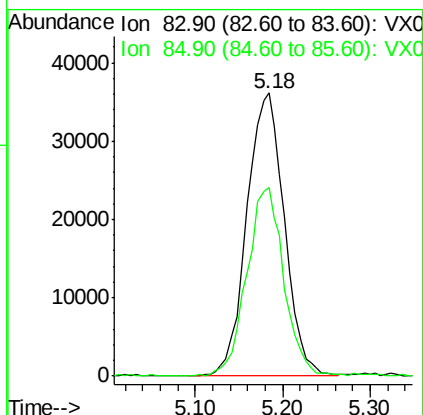
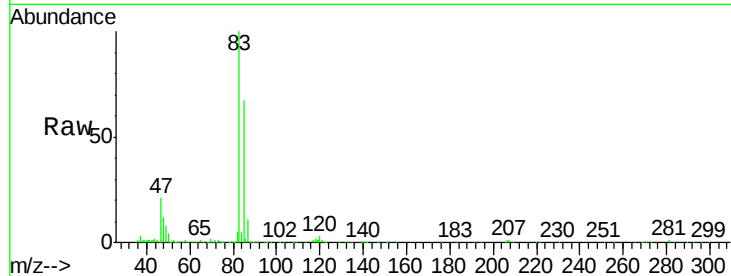




#30
Chloroform
Concen: 9.567 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

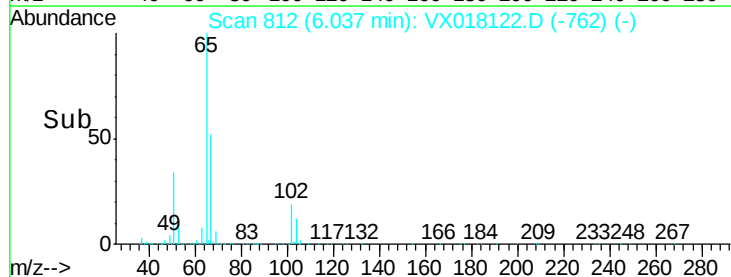
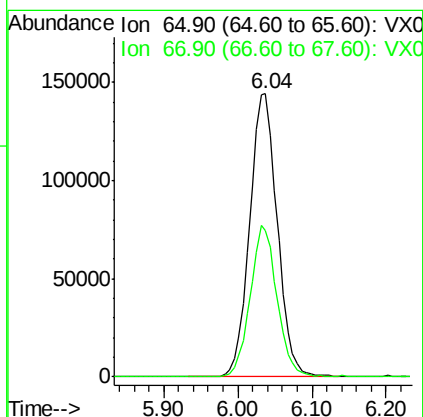
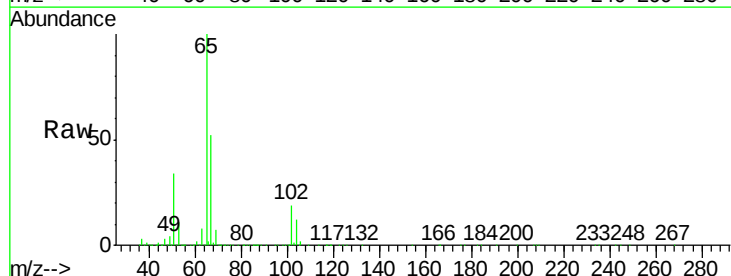
Instrument :
MSVOA_X
ClientSampleId :
GW

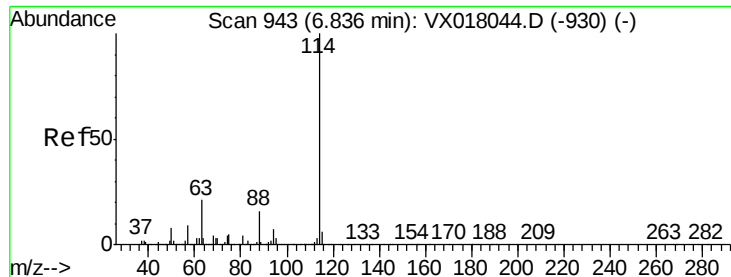
Tot Ion: 83 Resp: 107880
Ion Ratio Lower Upper
83 100
85 66.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 49.034 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion: 65 Resp: 375810
Ion Ratio Lower Upper
65 100
67 51.8 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: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampled :

GW

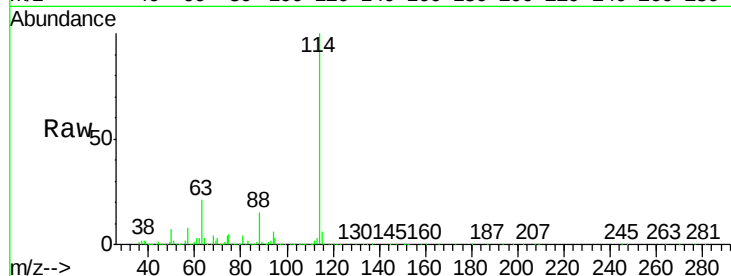
Tot Ion:114 Resp: 910861

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

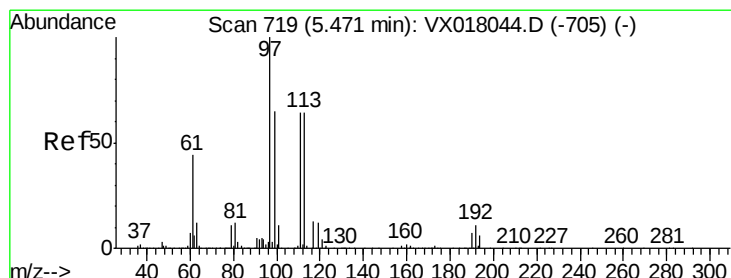
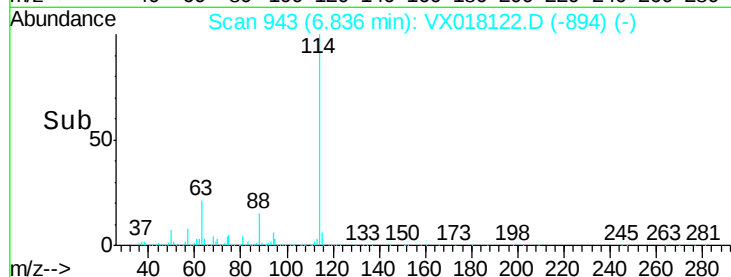
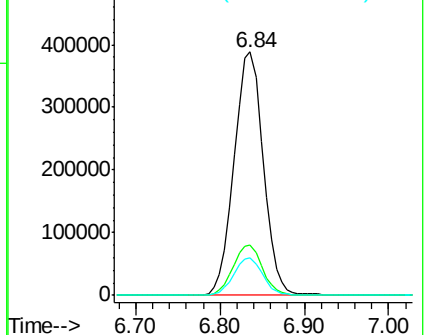
88 15.2 0.0 31.8



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: 49.301 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

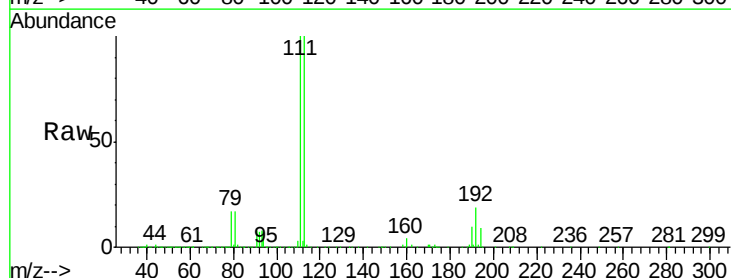
Tgt Ion:113 Resp: 305835

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

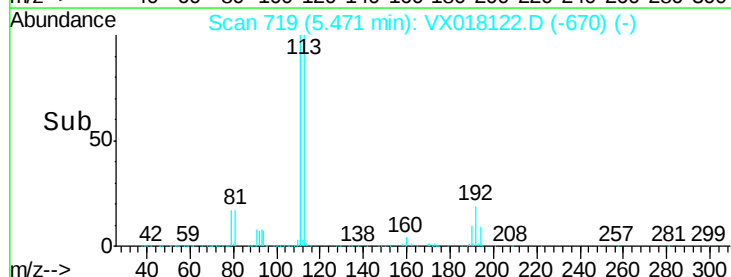
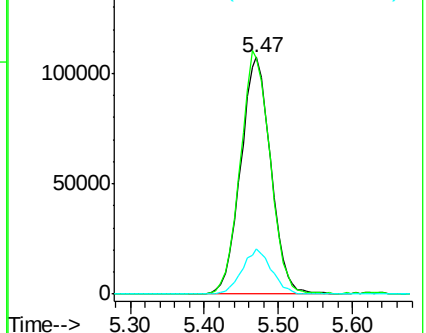
192 18.8 15.8 23.8

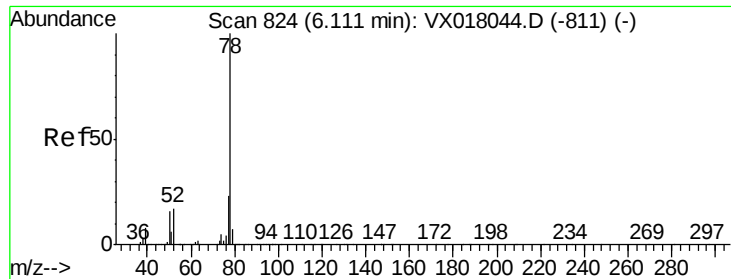


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.762 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

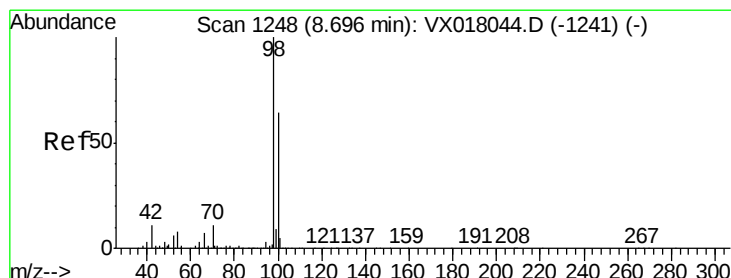
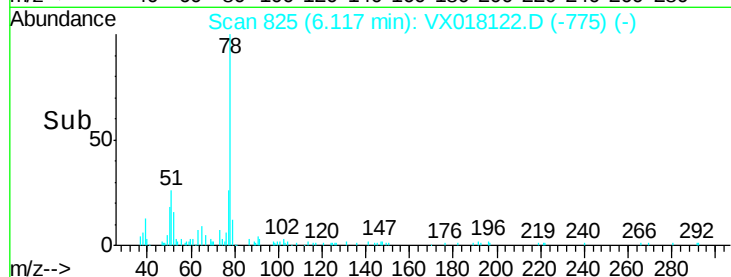
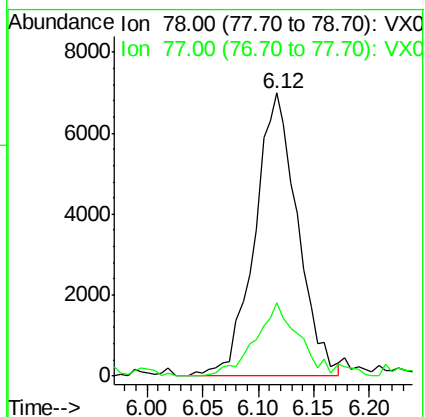
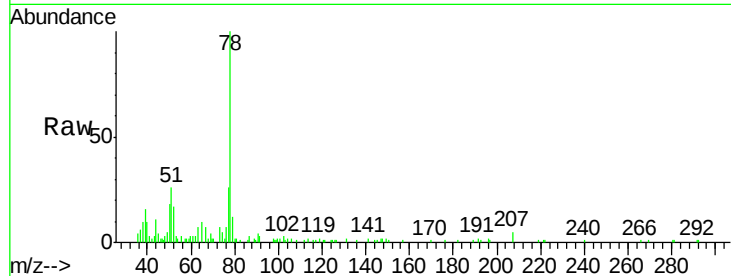
GW

Tot Ion: 78 Resp: 18800

Ion Ratio Lower Upper

78 100

77 25.8 18.2 27.2



#50

Toluene-d8

Concen: 47.413 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018122.D

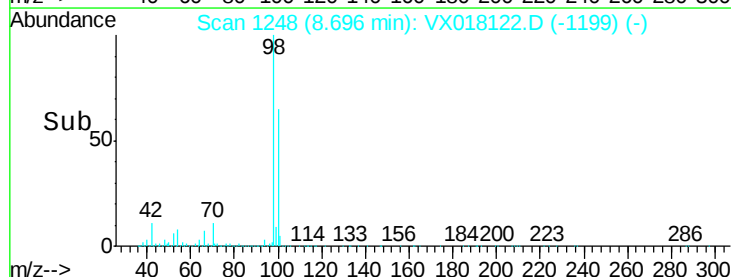
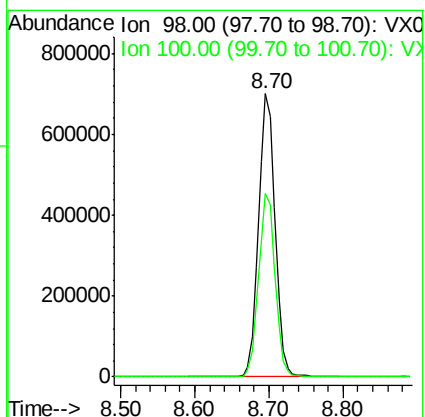
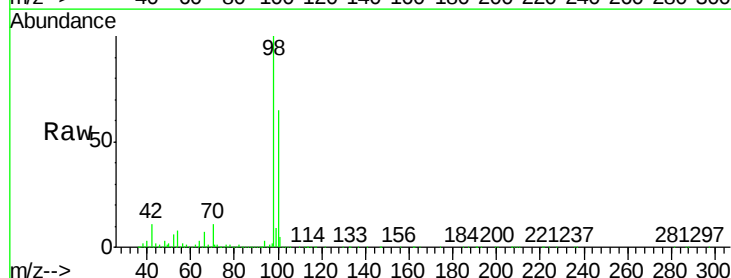
Acq: 28 Aug 2020 15:53

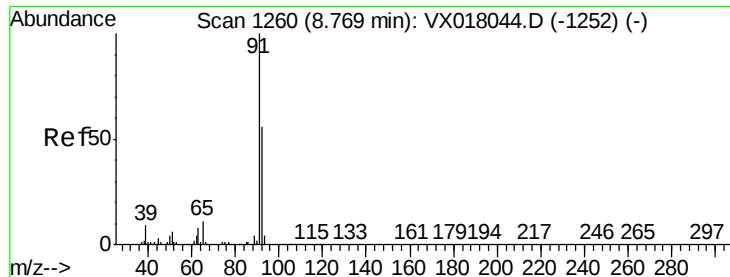
Tgt Ion: 98 Resp: 1095463

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4





#52

Toluene

Concen: 0.305 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

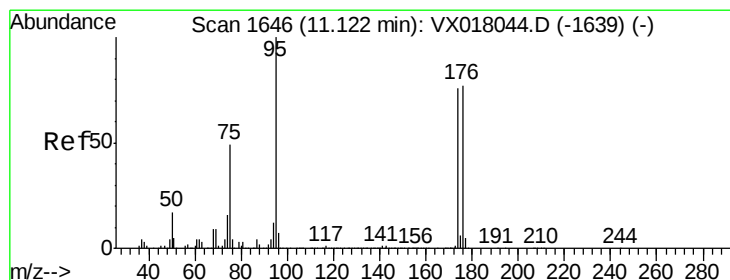
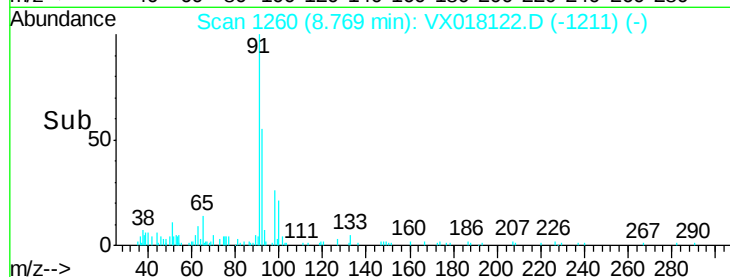
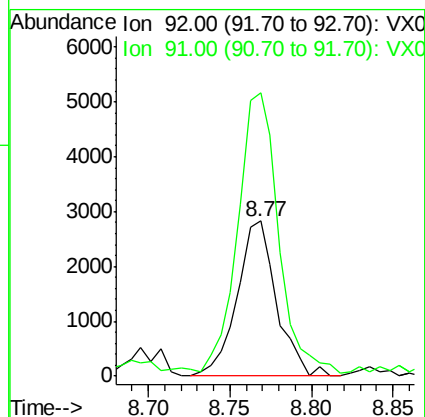
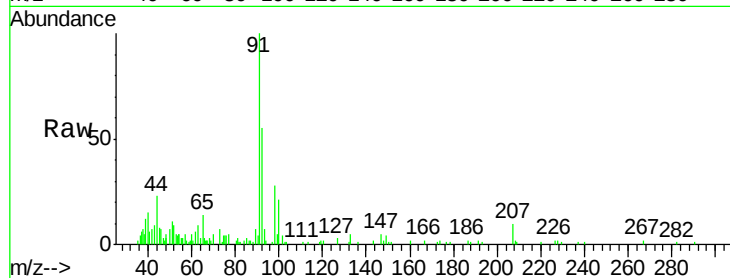
GW

Tot Ion: 92 Resp: 4768

Ion Ratio Lower Upper

92 100

91 188.2 140.3 210.5



#62

4-Bromofluorobenzene

Concen: 48.183 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

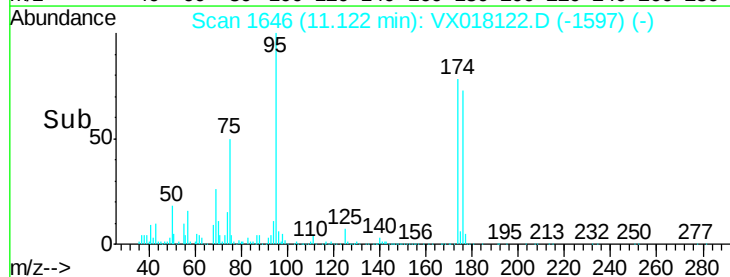
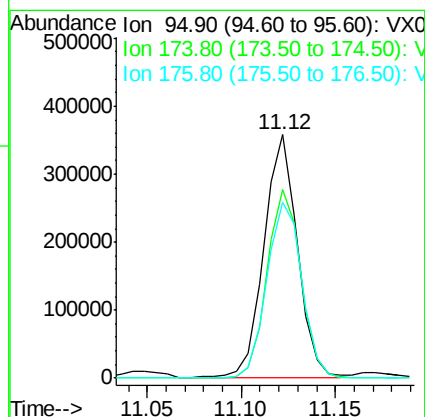
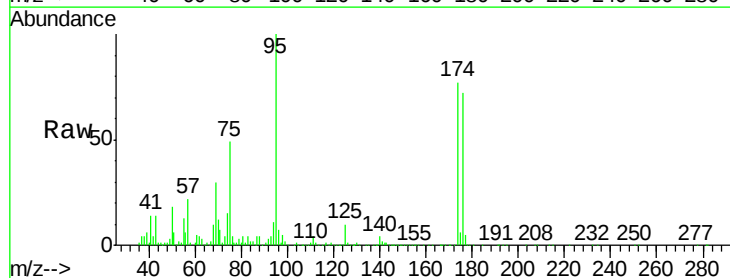
Tgt Ion: 95 Resp: 438007

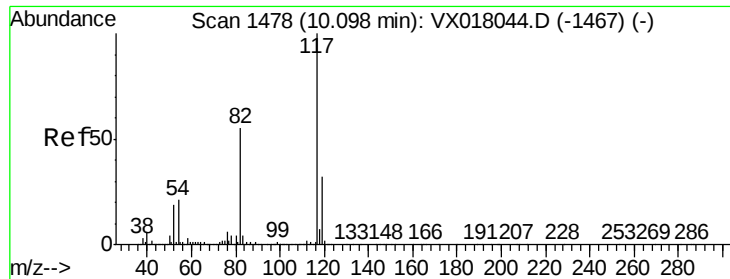
Ion Ratio Lower Upper

95 100

174 78.5 0.0 160.2

176 76.0 0.0 155.8

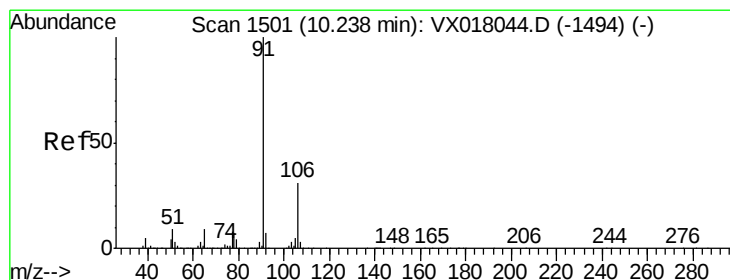
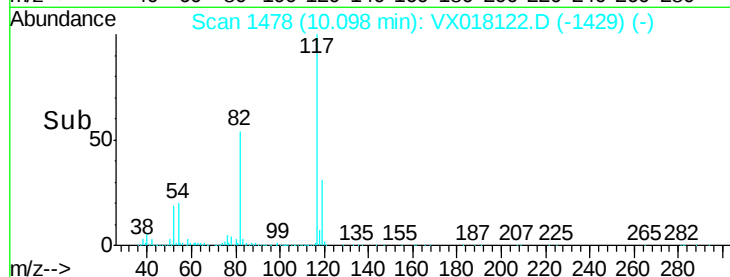
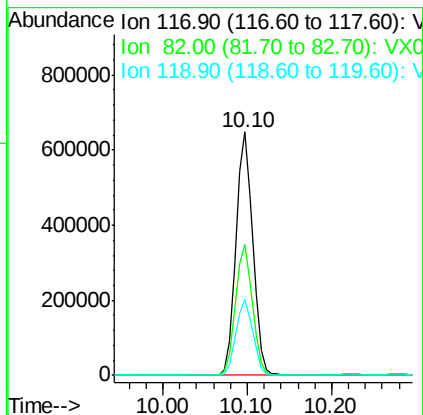
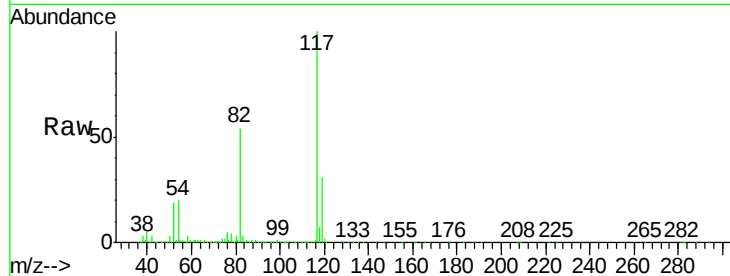




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

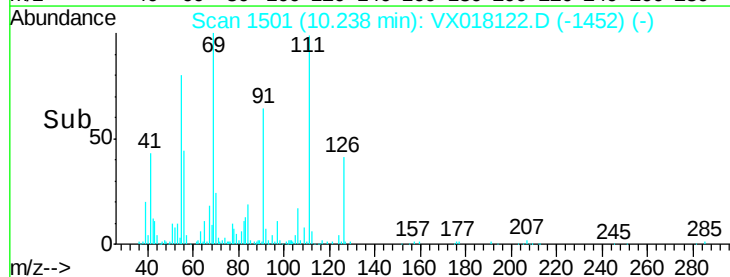
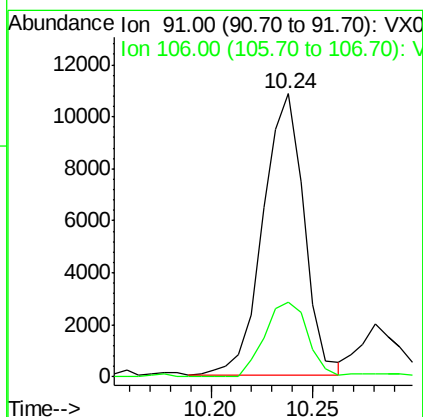
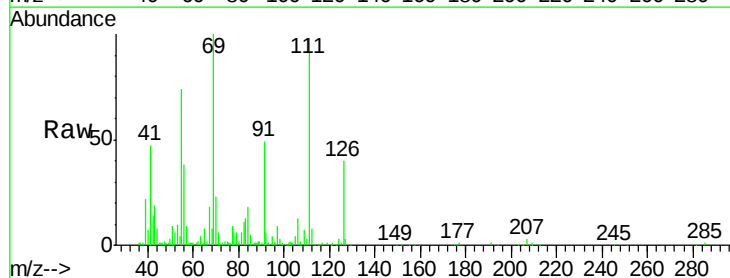
Instrument :
MSVOA_X
ClientSampled :
GW

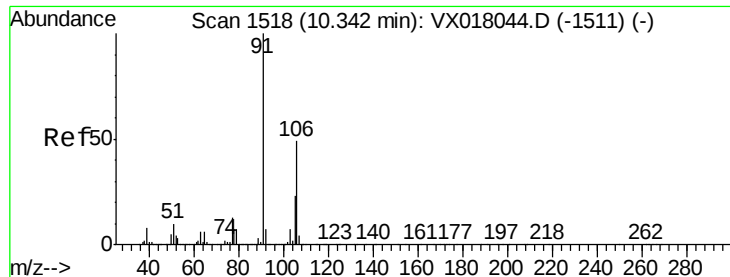
Tot Ion:117 Resp: 869633
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.1 25.7 38.5



#67
Ethyl Benzene
Concen: 0.515 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018122.D
Acq: 28 Aug 2020 15:53

Tgt Ion: 91 Resp: 15225
Ion Ratio Lower Upper
91 100
106 26.6 24.9 37.3





#68

m/p-Xvlenes

Concen: 0.547 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

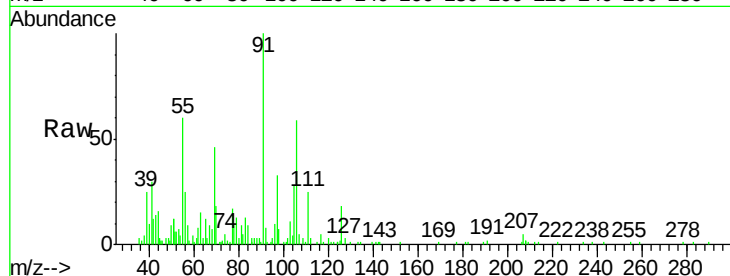
GW

Tot Ion:106 Resp: 6031

Ion Ratio Lower Upper

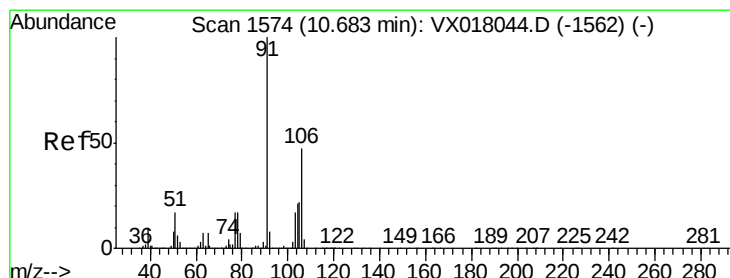
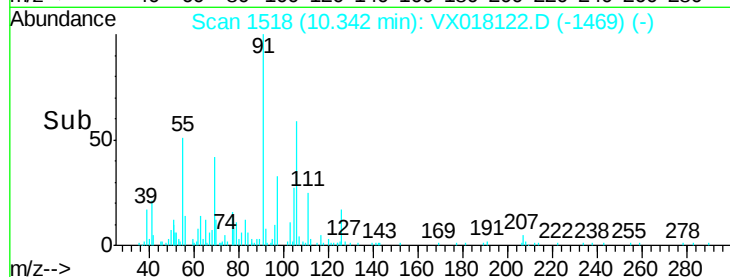
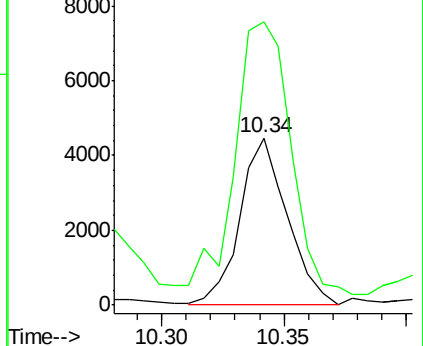
106 100

91 199.5 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.372 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018122.D

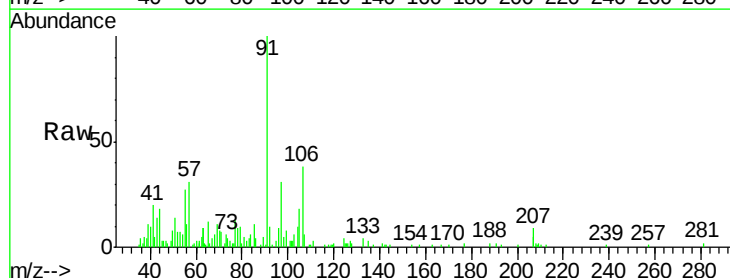
Acq: 28 Aug 2020 15:53

Tgt Ion:106 Resp: 3979

Ion Ratio Lower Upper

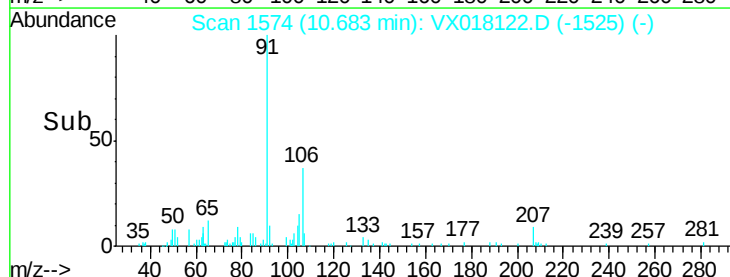
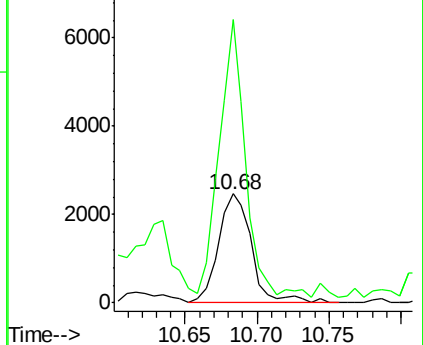
106 100

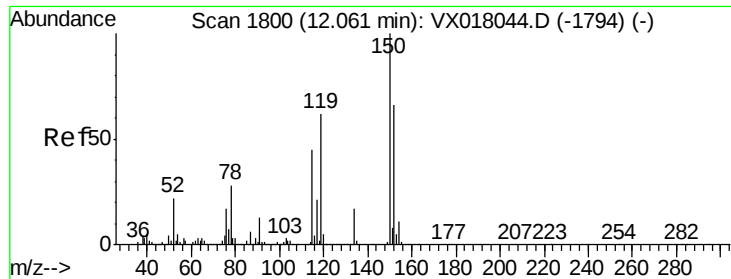
91 203.6 107.1 321.3



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: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampled :

GW

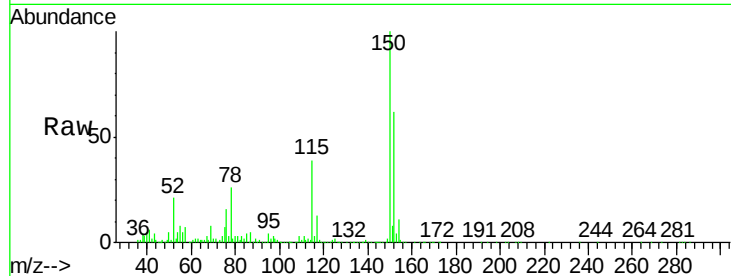
Tot Ion:152 Resp: 406823

Ion Ratio Lower Upper

152 100

115 60.2 41.5 124.5

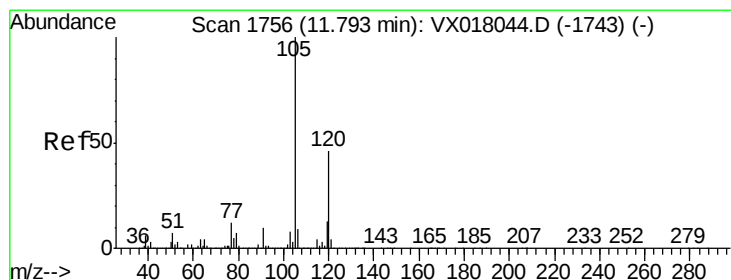
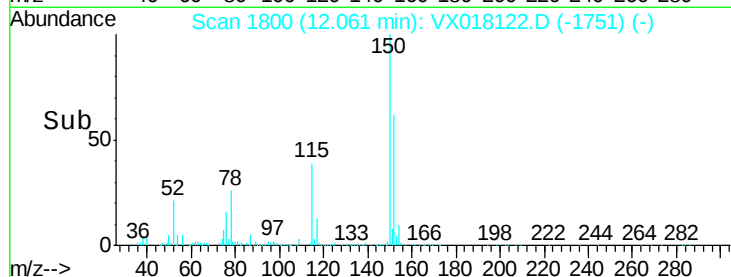
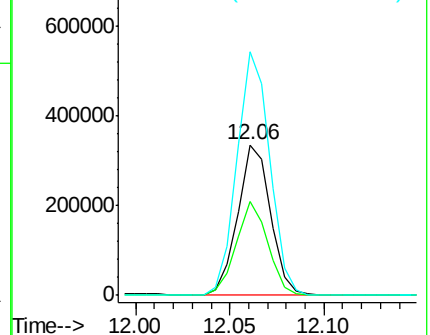
150 161.9 0.0 343.8



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



#84

1,2,4-Trimethylbenzene

Concen: 0.393 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018122.D

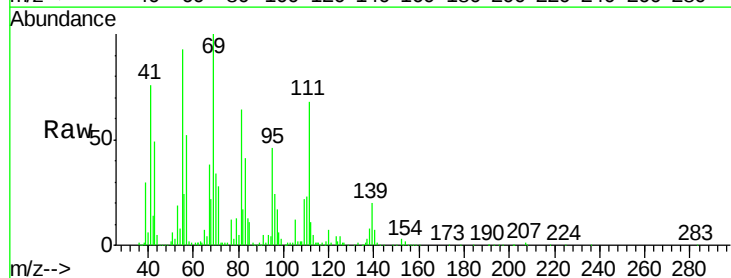
Acq: 28 Aug 2020 15:53

Tgt Ion:105 Resp: 8869

Ion Ratio Lower Upper

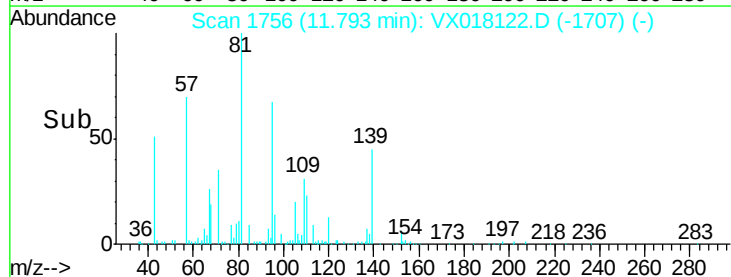
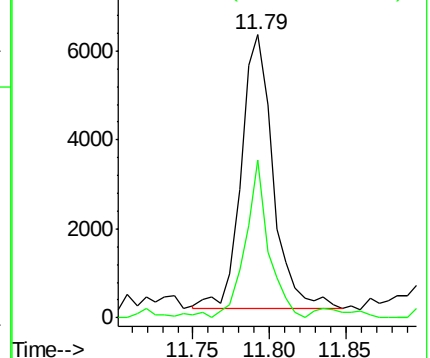
105 100

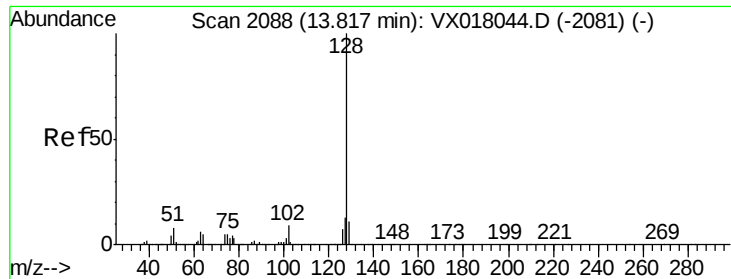
120 41.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.470 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018122.D

Acq: 28 Aug 2020 15:53

Instrument :

MSVOA_X

ClientSampleId :

GW

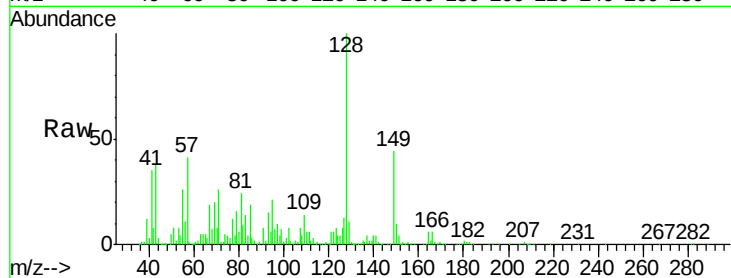
Tot Ion:128 Resp: 120248

Ion Ratio Lower Upper

128 100

127 15.6 10.2 15.2#

129 11.1 8.7 13.1



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

