

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017859.D
 Acq On : 12 Aug 2020 14:10
 Operator : JC/SP
 Sample : L3675-10MS
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA5MS

Quant Time: Aug 13 02:10:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 13 01:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	278592	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	260644	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	125379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110555	5.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.80%
7) Chloroethane-d5	1.69	69	82496	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.34	63	206018	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	4.53	46	212765	41.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.24%
24) Chloroform-d	5.14	84	169007	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	6.03	65	96690	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	6.05	84	330565	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	7.37	67	105733	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	8.70	98	297759	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
45) trans-1,3-Dichloropropene-	8.99	79	47576	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
48) 2-Hexanone-d5	9.43	63	163493	41.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.14%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	72800	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	120084	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

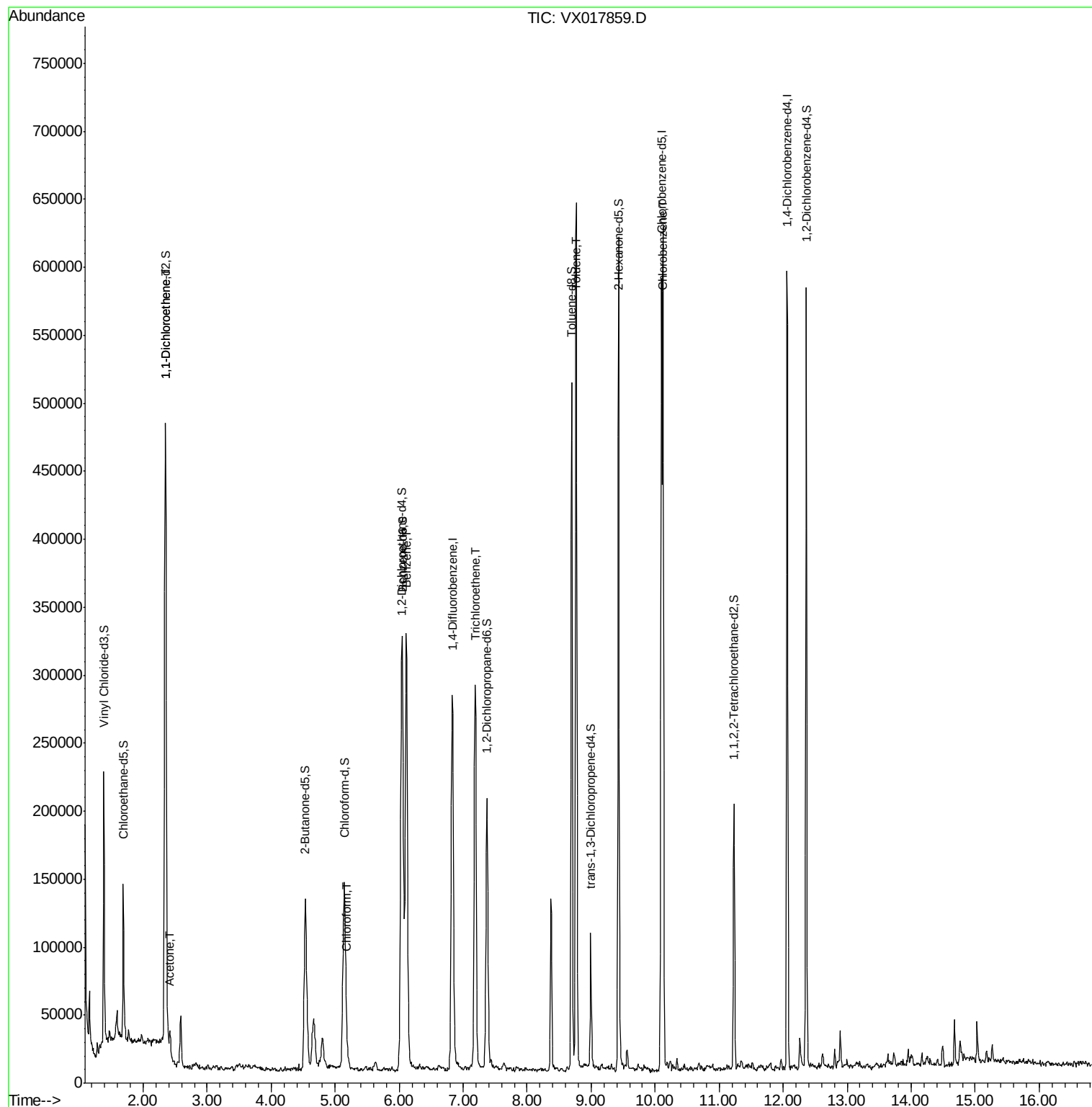
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.36	96	95693	4.481	ug/L	91
13) Acetone	2.42	43	20403	5.462	ug/L	91
25) Chloroform	5.18	83	19962	0.429	ug/L	89
33) Benzene	6.11	78	378556	4.103	ug/L	100
34) Trichloroethene	7.19	95	110442	4.100	ug/L	96
42) Toluene	8.77	91	405871	4.052	ug/L	98
53) Chlorobenzene	10.12	112	263456	4.041	ug/L	97

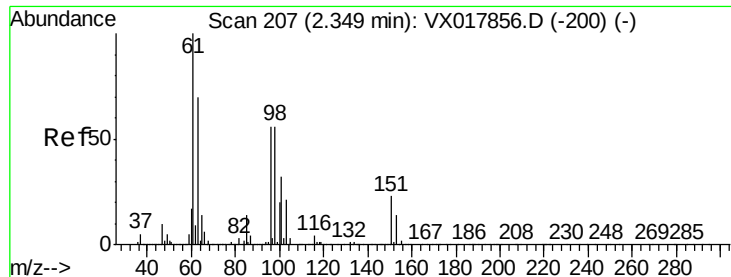
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 13 01:19:50 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.481 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.01 min

Lab File: VX017859.D

Acq: 12 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

GAYA5MS

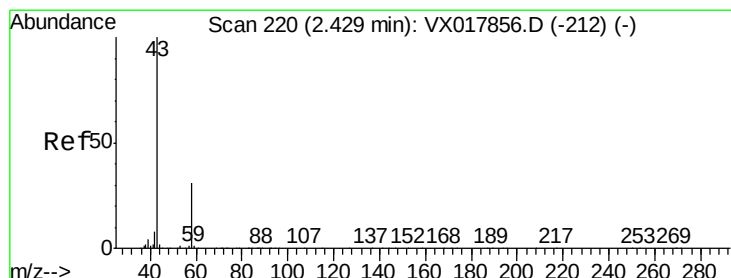
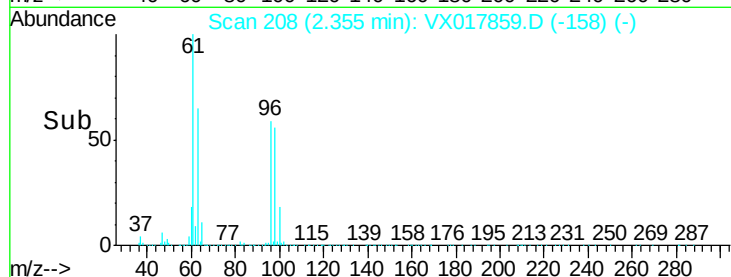
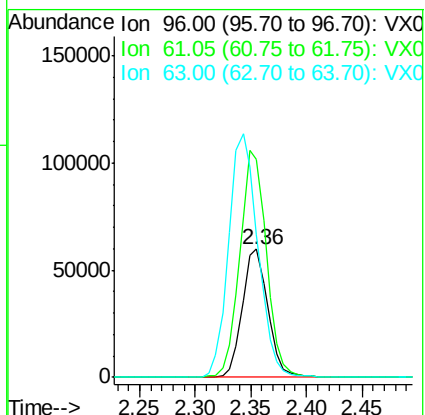
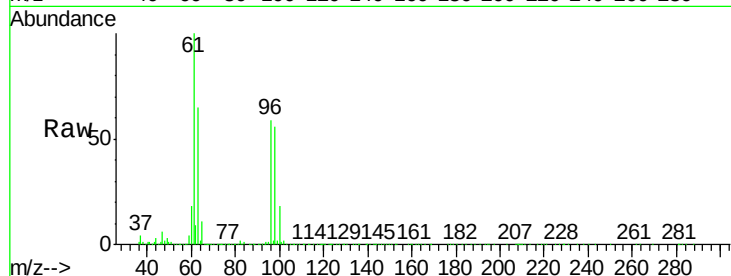
Tot Ion: 96 Resp: 95693

Ion Ratio Lower Upper

96 100

61 170.2 123.5 229.3

63 111.4 67.0 124.4



#13

Acetone

Concen: 5.462 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017859.D

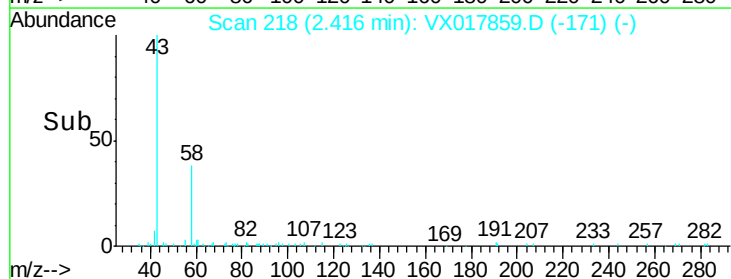
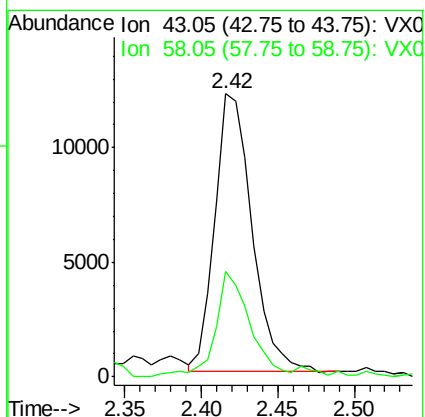
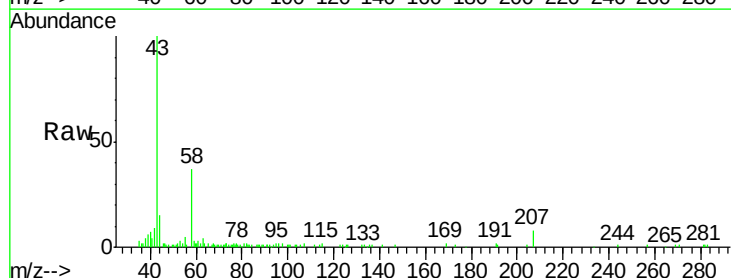
Acq: 12 Aug 2020 14:10

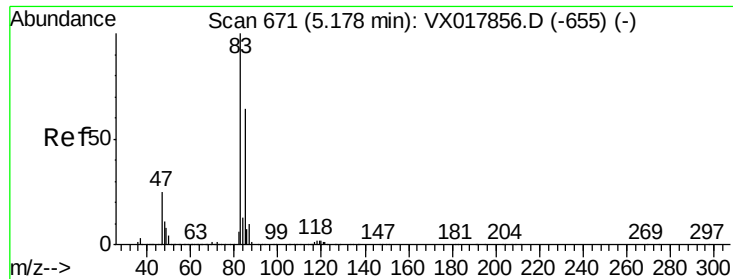
Tgt Ion: 43 Resp: 20403

Ion Ratio Lower Upper

43 100

58 35.2 0.0 60.8

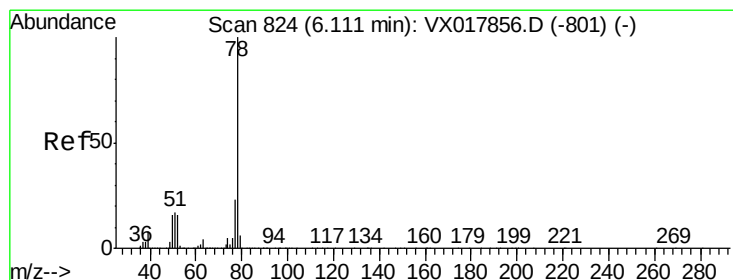
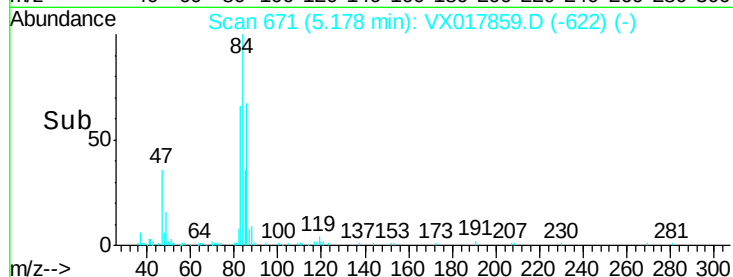
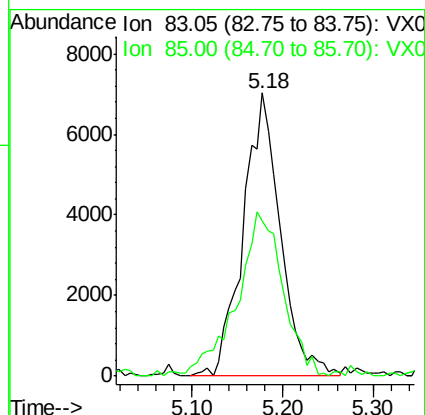
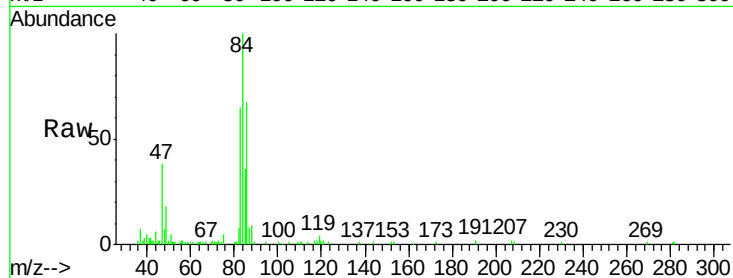




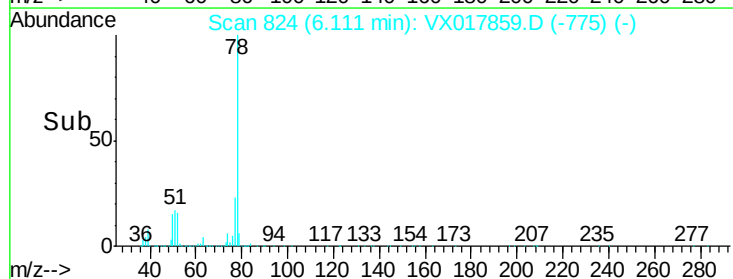
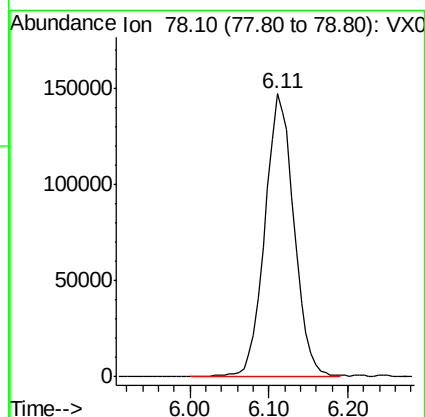
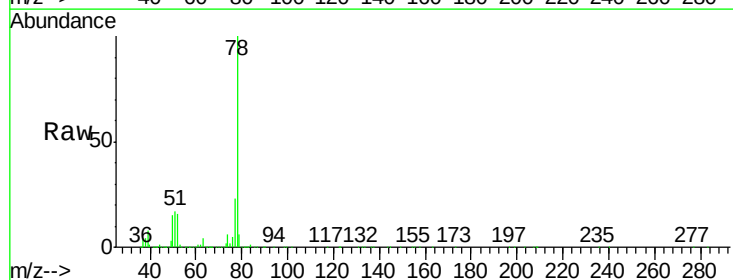
#25
Chloroform
Concen: 0.429 ug/L
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017859.D
Acq: 12 Aug 2020 14:10

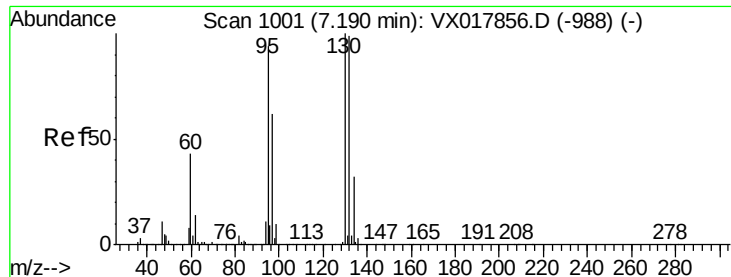
Instrument :
MSVOA_X
ClientSampleId :
GAYA5MS

Tot Ion: 83 Resp: 19962
Ion Ratio Lower Upper
83 100
85 55.0 44.7 83.1



#33
Benzene
Concen: 4.103 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017859.D
Acq: 12 Aug 2020 14:10
Tgt Ion: 78 Resp: 378556





#34

Trichloroethene

Concen: 4.100 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017859.D

Acq: 12 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

GAYA5MS

Tot Ion: 95 Resp: 110442

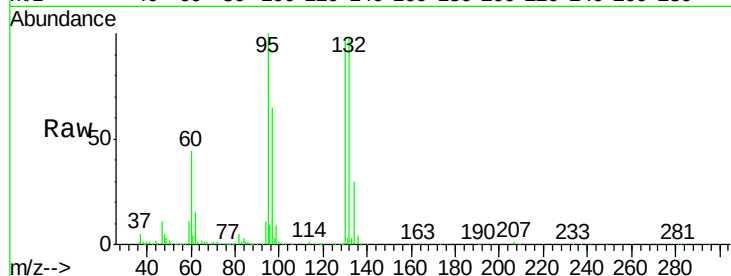
Ion Ratio Lower Upper

95 100

97 64.6 46.1 85.5

132 98.4 66.0 122.6

130 97.2 71.7 133.1

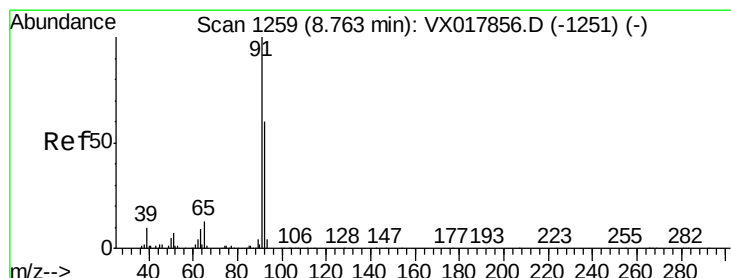
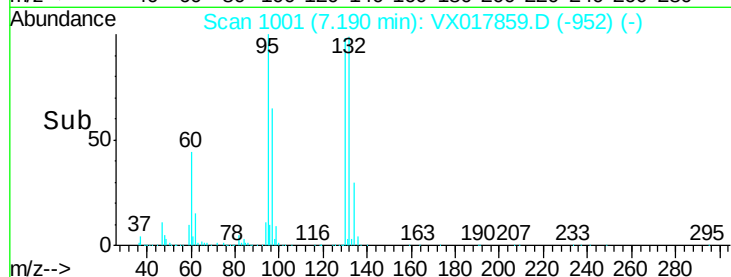
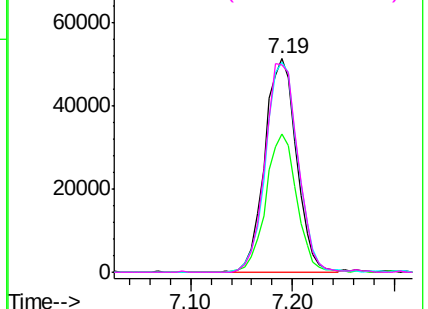


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 96.95 (96.65 to 97.65): VX0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.052 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017859.D

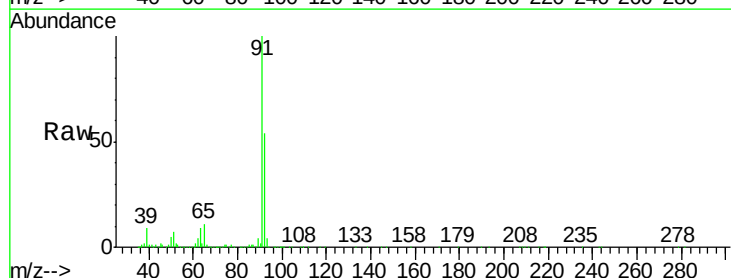
Acq: 12 Aug 2020 14:10

Tgt Ion: 91 Resp: 405871

Ion Ratio Lower Upper

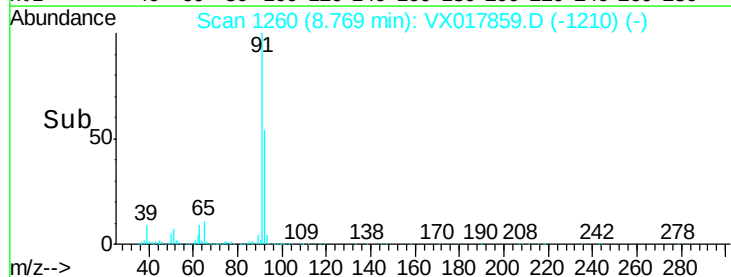
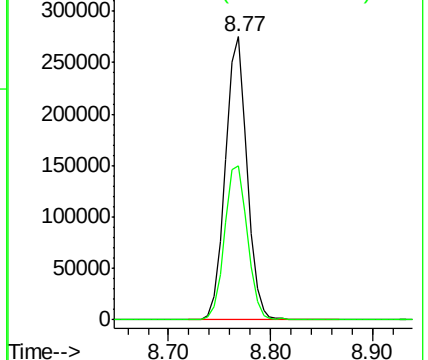
91 100

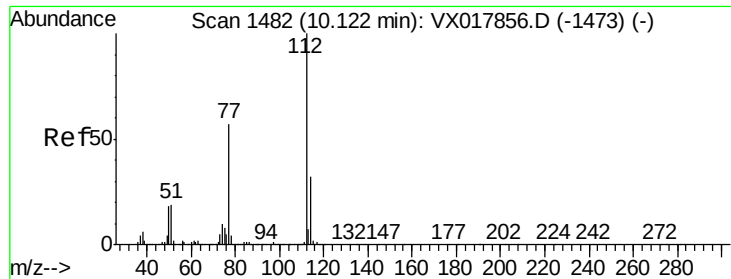
92 54.3 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0





#53

Chlorobenzene

Concen: 4.041 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017859.D

Acq: 12 Aug 2020 14:10

Instrument :

MSVOA_X

ClientSampleId :

GAYA5MS

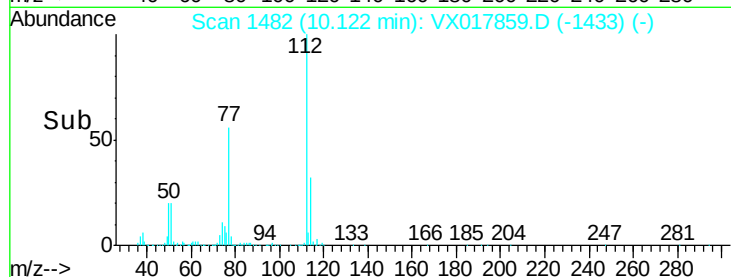
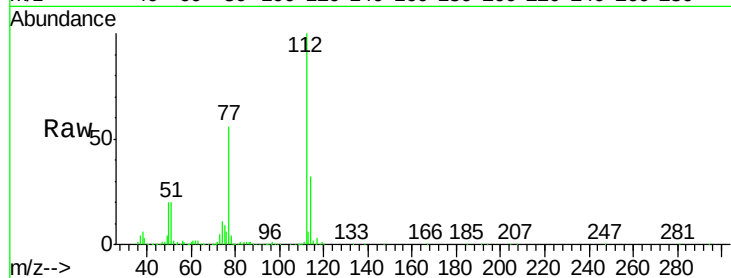
Tot Ion:112 Resp: 263456

Ion Ratio Lower Upper

112 100

114 31.8 23.5 43.7

77 56.3 46.7 70.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0

