

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081020\
 Data File : VX017851.D
 Acq On : 10 Aug 2020 15:39
 Operator : JC/SP
 Sample : L3675-08
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAYA4

Quant Time: Aug 11 08:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	282780	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275938	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	126859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	83459	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.69	69	78665	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.34	63	121516	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.54	46	351344	67.70	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.40%#
24) Chloroform-d	5.14	84	194148	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	6.03	65	128218	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	6.05	84	360882	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	7.37	67	129988	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	8.70	98	295410	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	8.99	79	45890	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	9.43	63	282517	67.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.06%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	112954	6.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	126.80%#
65) 1,2-Dichlorobenzene-d4	12.36	152	148404	6.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.60%#

Target Compounds

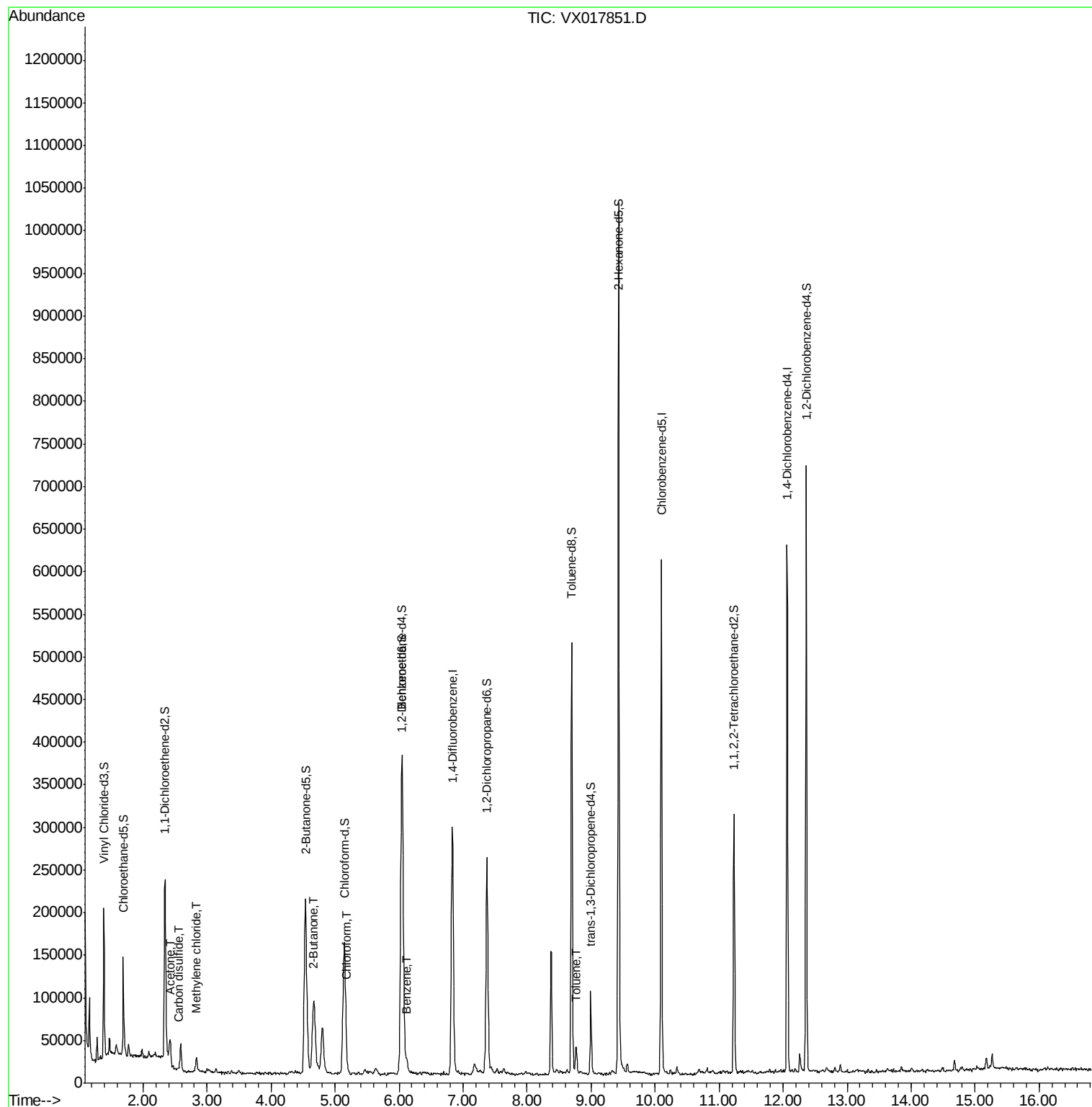
					Ovalue
13) Acetone	2.42	43	33561	8.852 ug/L	95
14) Carbon disulfide	2.55	76	4213	0.054 ug/L #	79
16) Methylene chloride	2.83	84	8031	0.268 ug/L	94
21) 2-Butanone	4.65	43	11591	1.770 ug/L	78
25) Chloroform	5.18	83	9674	0.205 ug/L	100
33) Benzene	6.12	78	19477	0.199 ug/L	100
42) Toluene	8.77	91	21052	0.199 ug/L	94

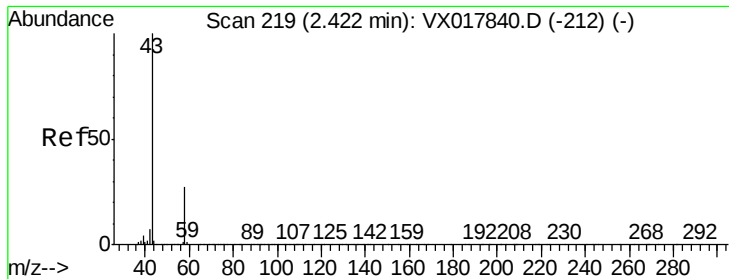
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.852 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017851.D

Acq: 10 Aug 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

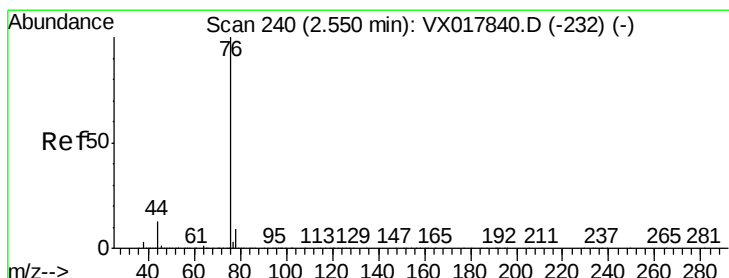
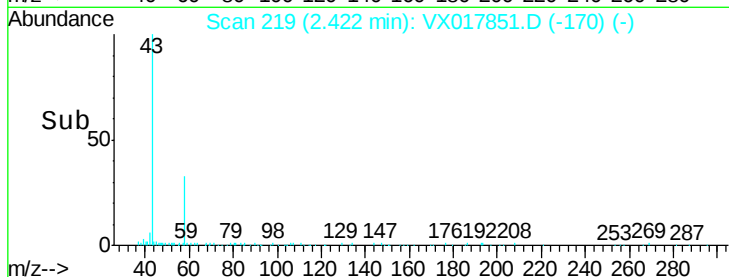
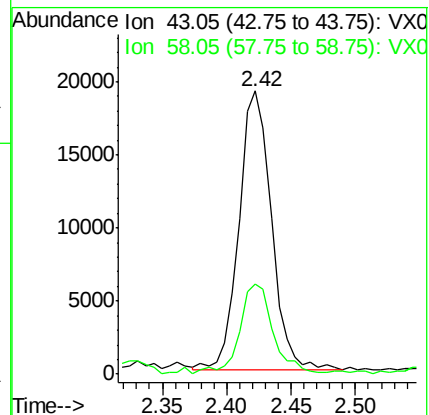
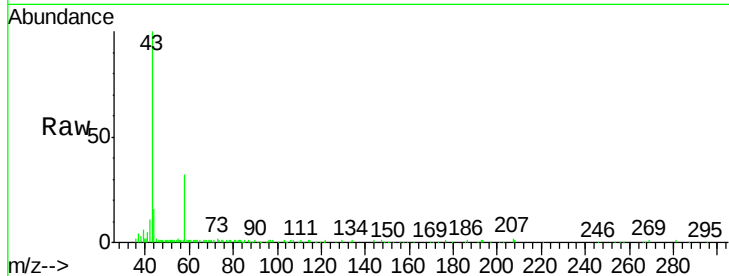
GAYA4

Tot Ion: 43 Resp: 33561

Ion Ratio Lower Upper

43 100

58 33.3 0.0 60.8



#14

Carbon disulfide

Concen: 0.054 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017851.D

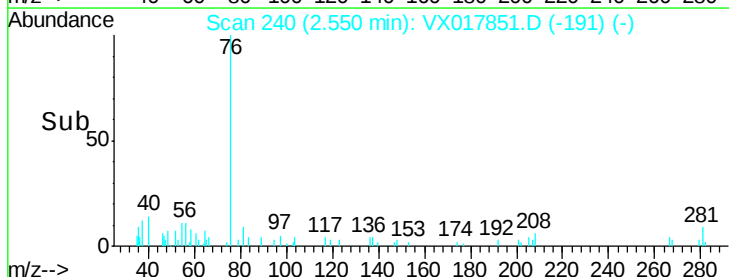
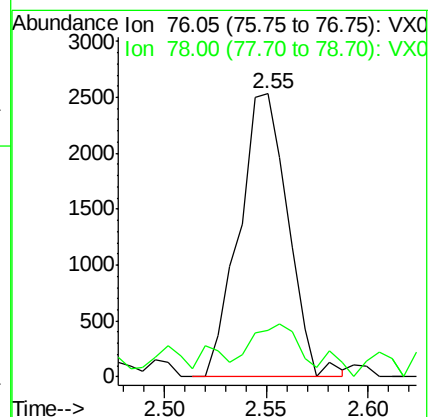
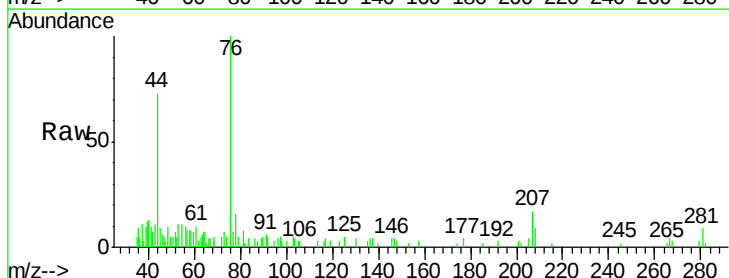
Acq: 10 Aug 2020 15:39

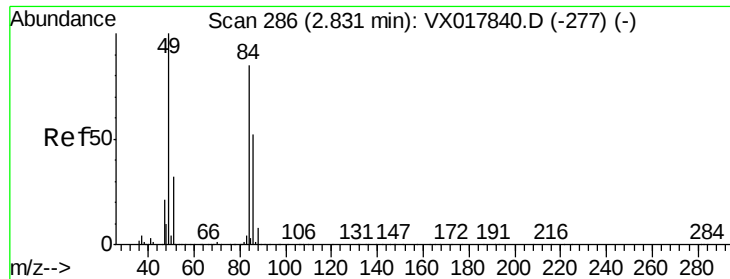
Tgt Ion: 76 Resp: 4213

Ion Ratio Lower Upper

76 100

78 16.2 7.0 10.4#

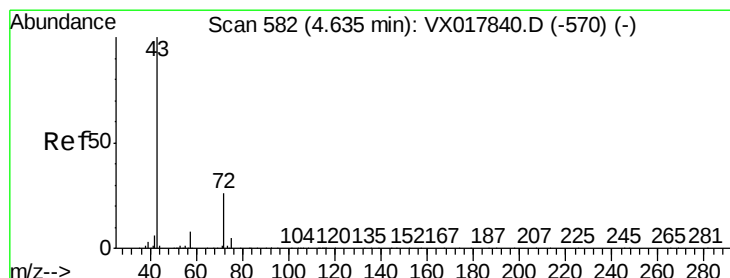
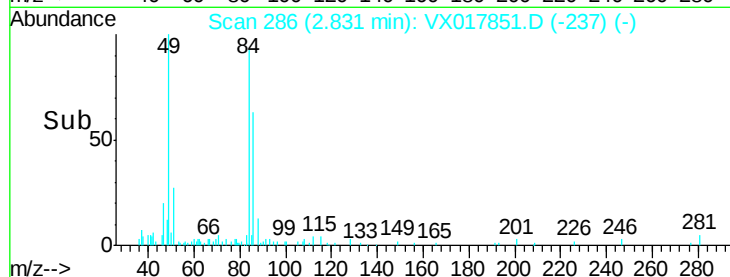
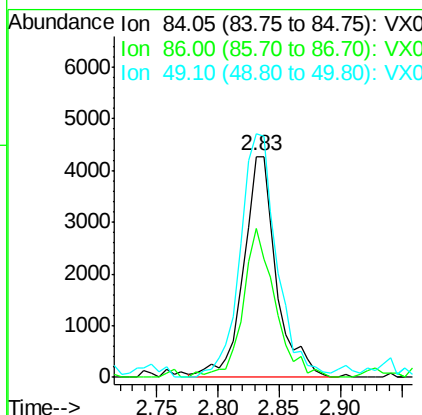
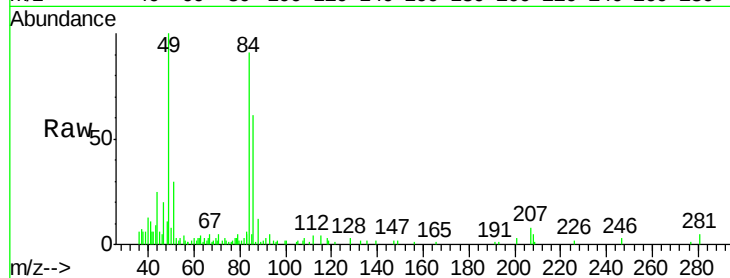




#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX017851.D
Acq: 10 Aug 2020 15:39

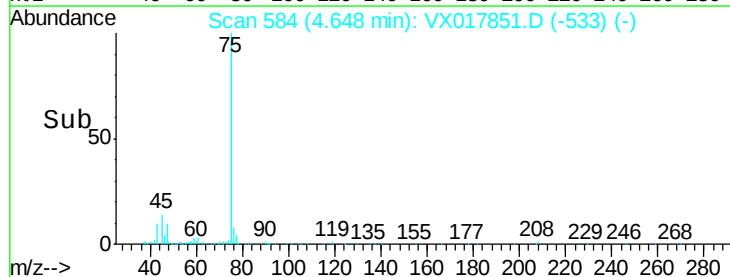
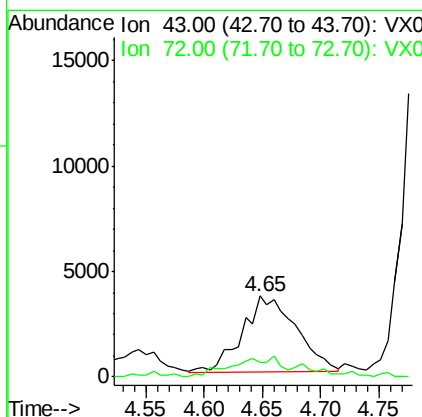
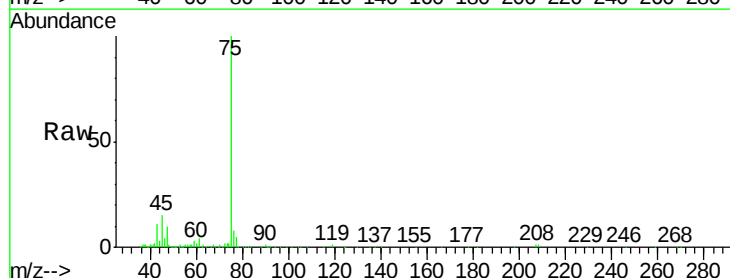
Instrument :
MSVOA_X
ClientSampleId :
GAYA4

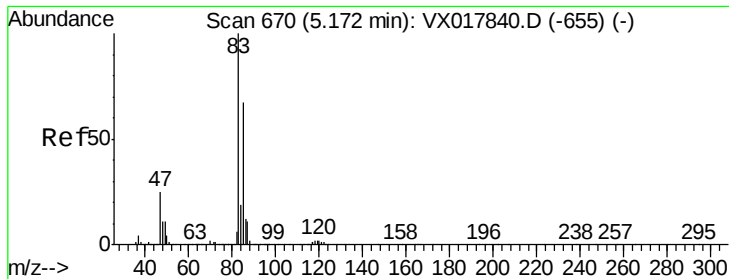
Tot Ion: 84 Resp: 8031
Ion Ratio Lower Upper
84 100
86 67.2 43.0 80.0
49 118.9 86.9 161.3



#21
2-Butanone
Concen: 1.770 ug/L
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017851.D
Acq: 10 Aug 2020 15:39

Tgt Ion: 43 Resp: 11591
Ion Ratio Lower Upper
43 100
72 15.2 13.2 39.6

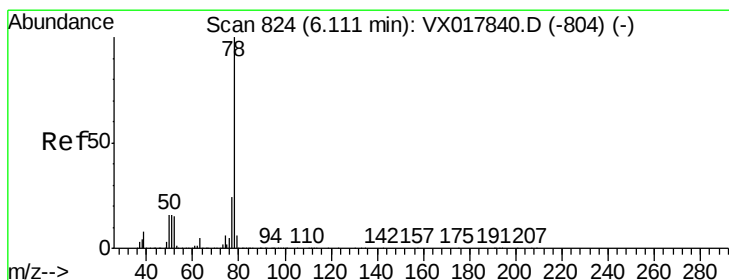
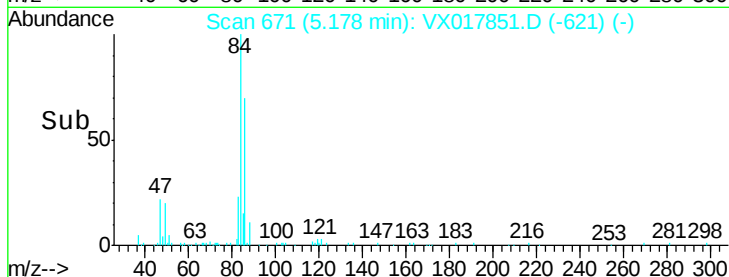
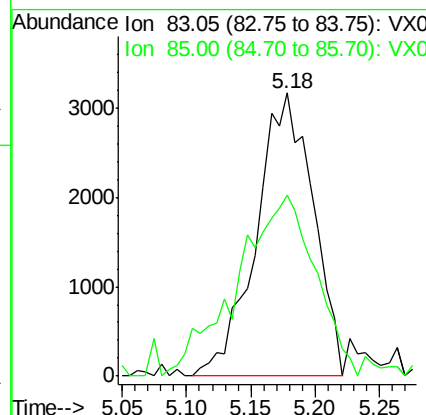
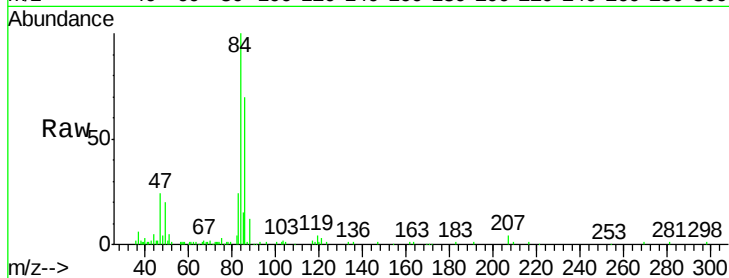




#25
Chloroform
Concen: 0.205 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX017851.D
Acq: 10 Aug 2020 15:39

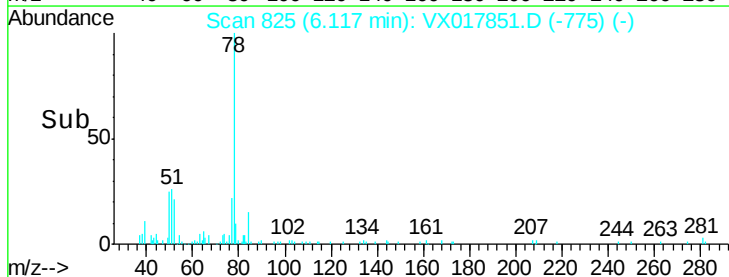
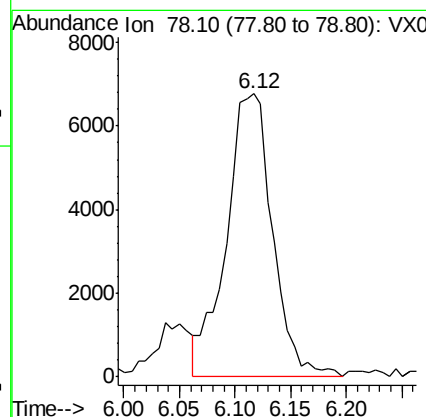
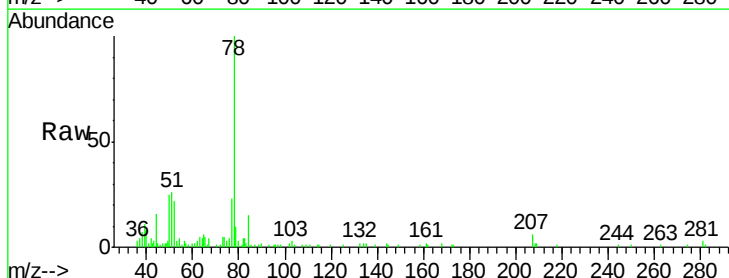
Instrument :
MSVOA_X
ClientSampled :
GAYA4

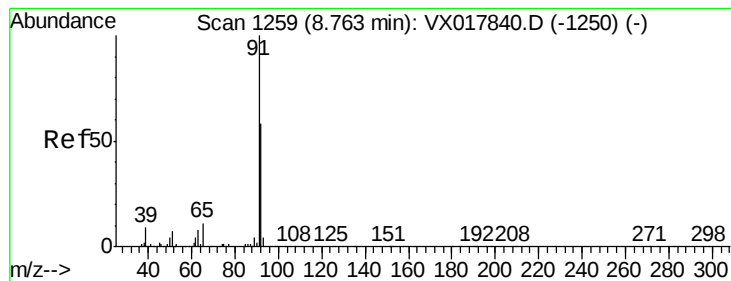
Tot Ion: 83 Resp: 9674
Ion Ratio Lower Upper
83 100
85 64.0 44.7 83.1



#33
Benzene
Concen: 0.199 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017851.D
Acq: 10 Aug 2020 15:39

Tgt Ion: 78 Resp: 19477





#42

Toluene

Concen: 0.199 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017851.D

Acq: 10 Aug 2020 15:39

Instrument :

MSVOA_X

ClientSampleId :

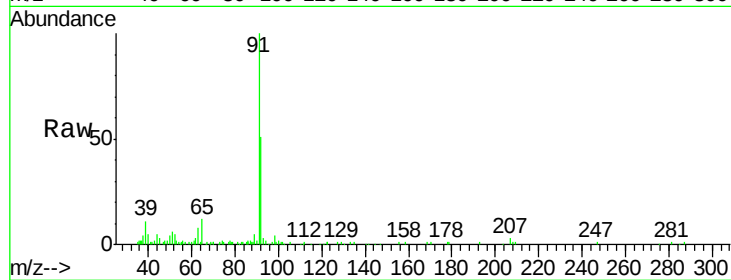
GAYA4

Tot Ion: 91 Resp: 21052

Ion Ratio Lower Upper

91 100

92 51.3 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

