

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017825.D
 Acq On : 07 Aug 2020 15:10
 Operator : JC/SP
 Sample : L3600-01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 08 00:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 08 00:10:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	291357	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275821	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	125988	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104288	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.69	69	86652	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.34	63	160047	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.53	46	256900	48.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.10%
24) Chloroform-d	5.14	84	197135	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	6.03	65	114653	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	6.05	84	411809	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	7.37	67	130510	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	8.70	98	368680	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
45) trans-1,3-Dichloropropene-	8.99	79	49732	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
48) 2-Hexanone-d5	9.43	63	203646	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	84548	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	134175	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

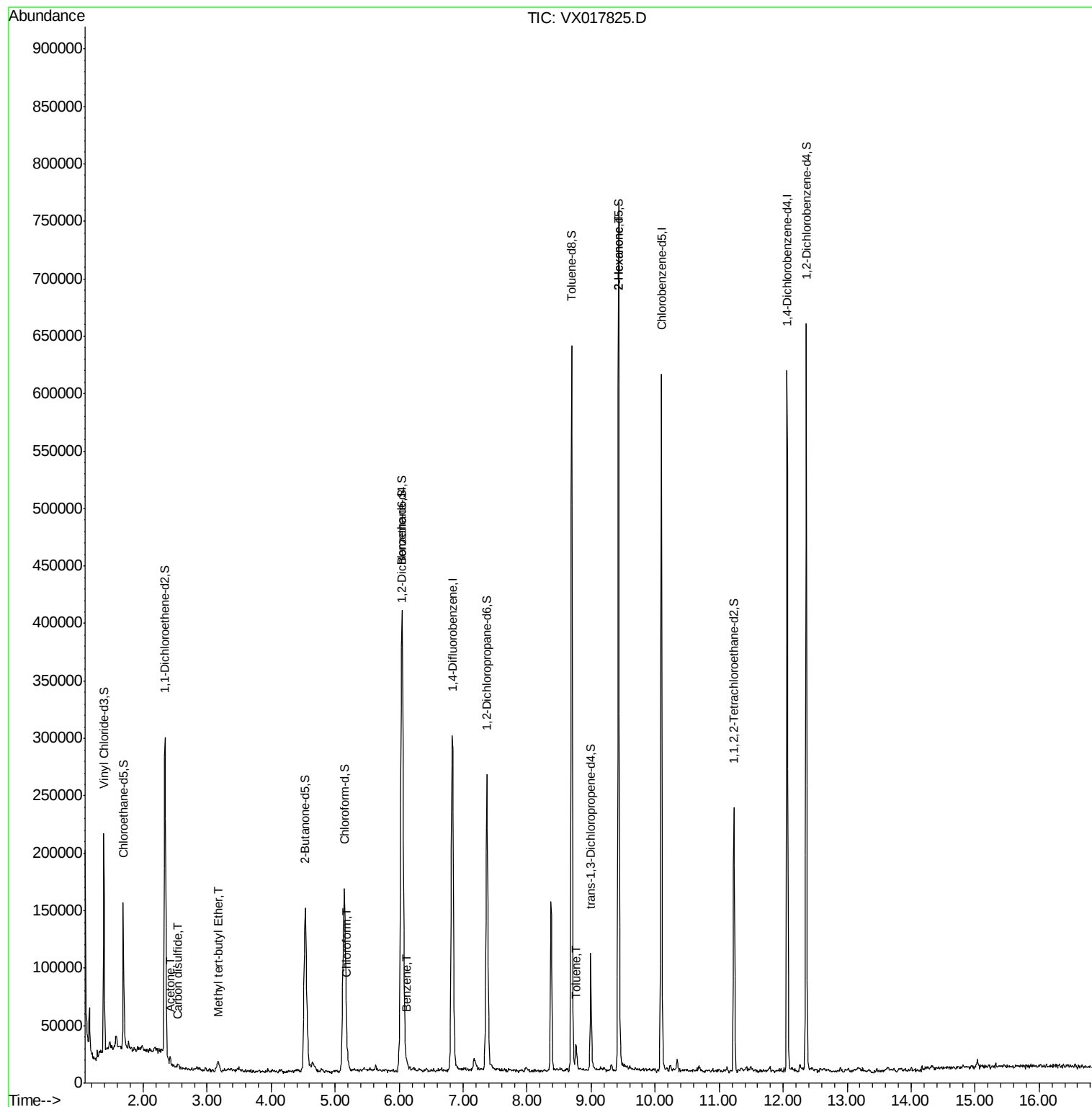
					Ovalue
13) Acetone	2.42	43	6000	1.536 ug/L	86
14) Carbon disulfide	2.55	76	4216	0.053 ug/L #	79
17) Methyl tert-butyl Ether	3.18	73	9402	0.157 ug/L #	82
25) Chloroform	5.18	83	19612	0.403 ug/L	91
33) Benzene	6.12	78	7436	0.076 ug/L	100
42) Toluene	8.77	91	12883	0.122 ug/L	93
50) 2-Hexanone	9.43	43	28248	2.465 ug/L #	70

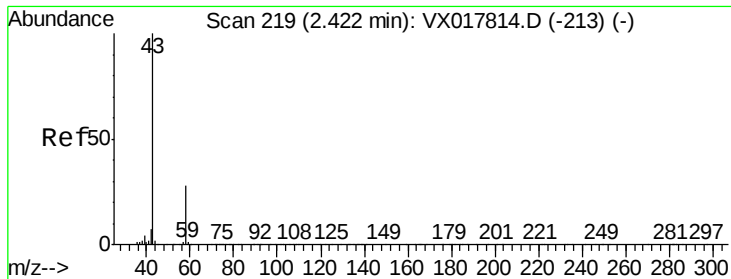
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.536 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017825.D

Acq: 07 Aug 2020 15:10

Instrument :

MSVOA_X

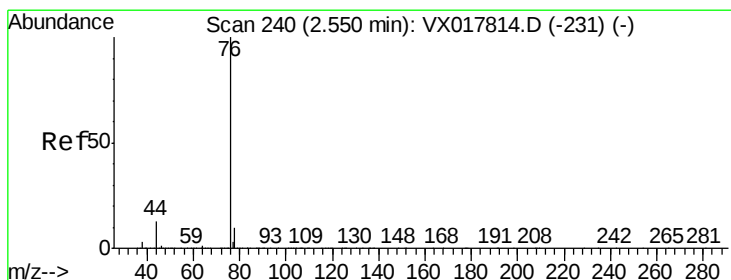
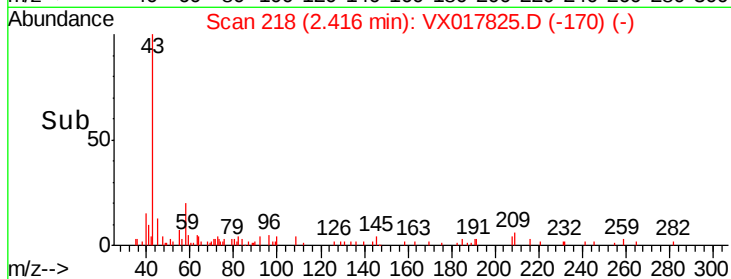
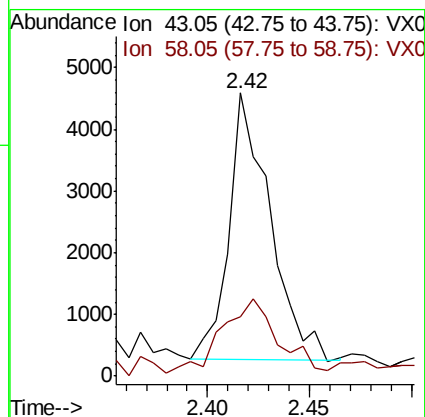
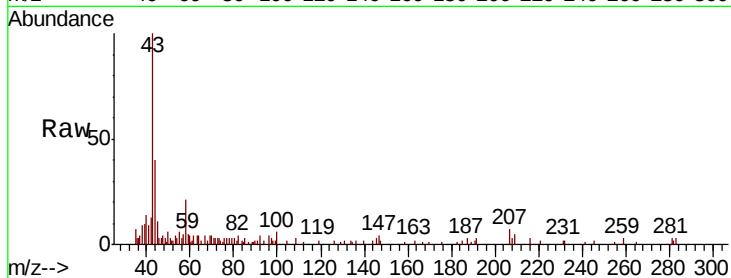
ClientSampled :

Tot Ion: 43 Resp: 6000

Ion Ratio Lower Upper

43 100

58 38.2 0.0 60.8



#14

Carbon disulfide

Concen: 0.053 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017825.D

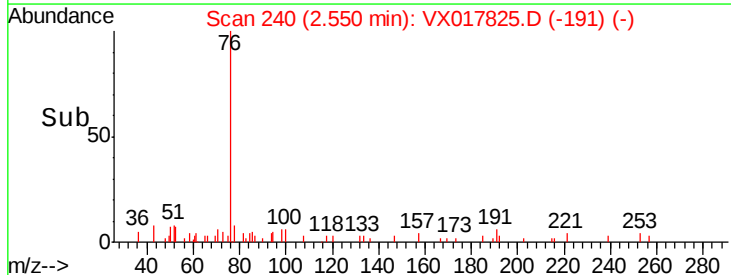
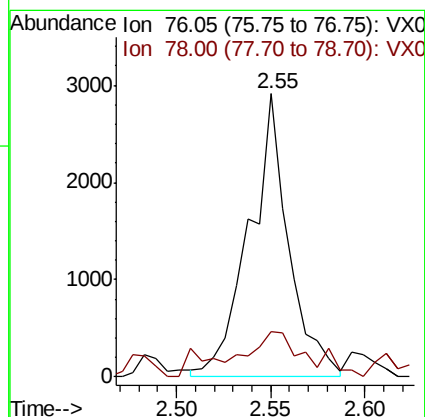
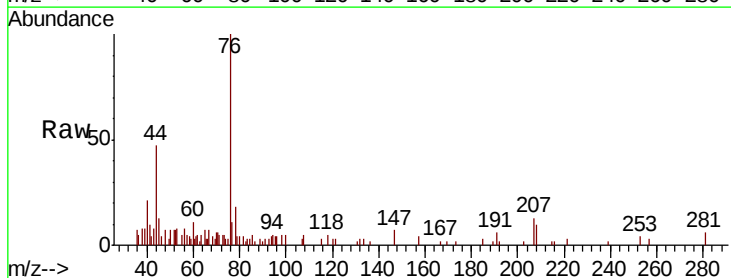
Acq: 07 Aug 2020 15:10

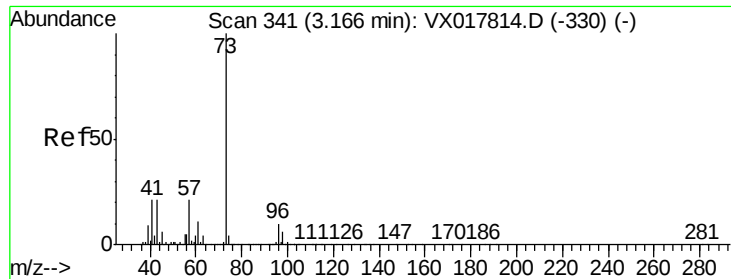
Tgt Ion: 76 Resp: 4216

Ion Ratio Lower Upper

76 100

78 16.1 7.0 10.4#

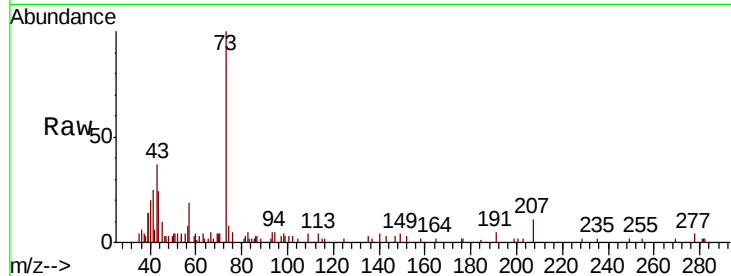




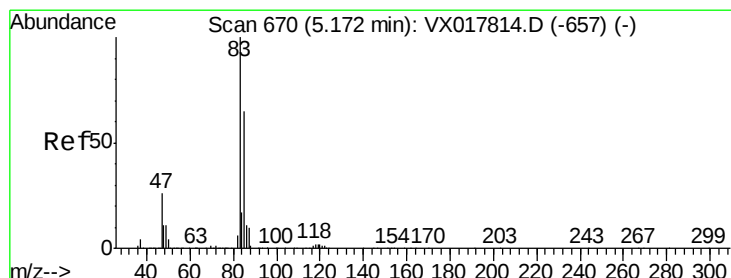
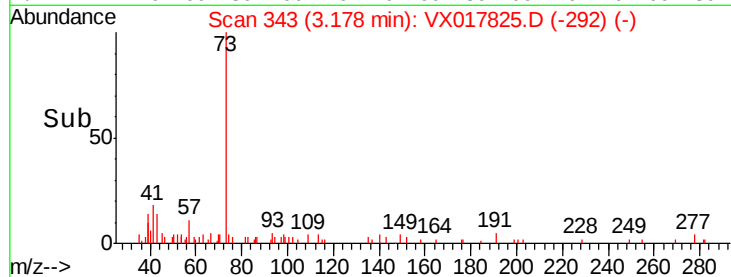
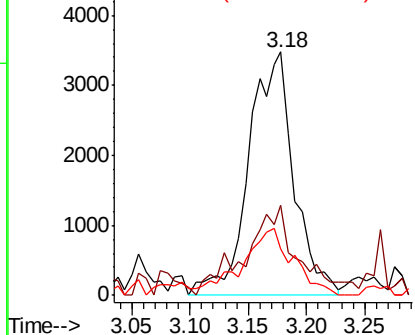
#17
Methvl tert-butvl Ether
Concen: 0.157 ug/L
RT: 3.18 min Scan# 343
Delta R.T. 0.01 min
Lab File: VX017825.D
Acq: 07 Aug 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 9402
Ion Ratio Lower Upper
73 100
43 29.9 17.7 26.5#
57 30.7 17.0 25.6#

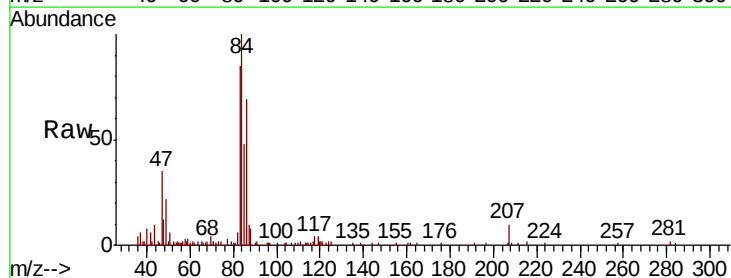


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

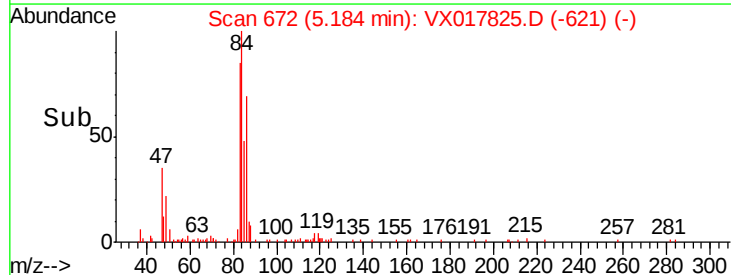
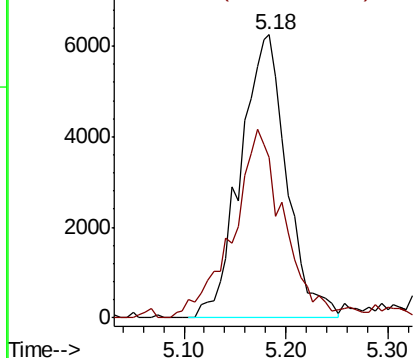


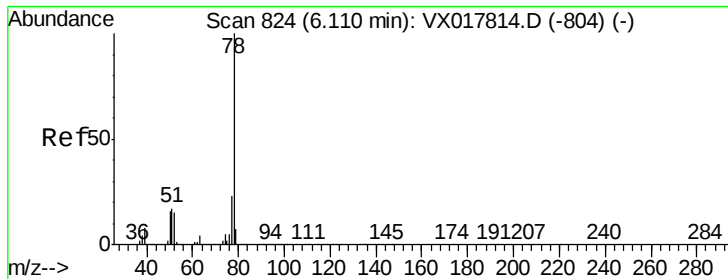
#25
Chloroform
Concen: 0.403 ug/L
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX017825.D
Acq: 07 Aug 2020 15:10

Tgt Ion: 83 Resp: 19612
Ion Ratio Lower Upper
83 100
85 56.8 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0
Ion 85.00 (84.70 to 85.70): VX0





#33

Benzene

Concen: 0.076 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017825.D

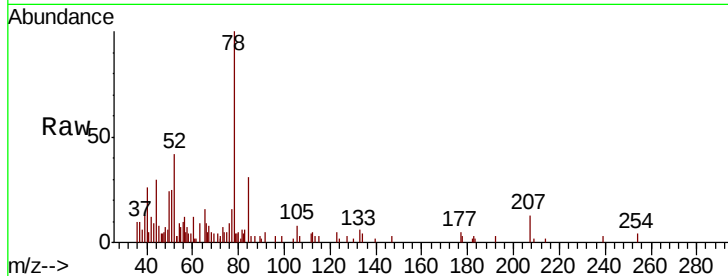
Acq: 07 Aug 2020 15:10

Instrument :

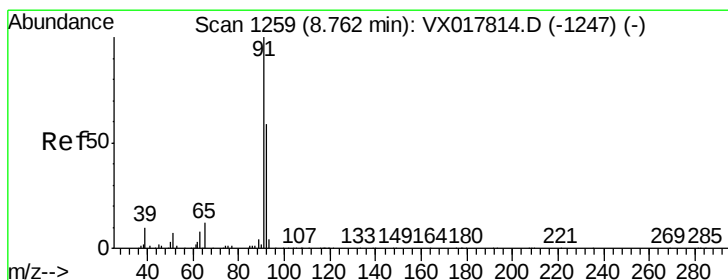
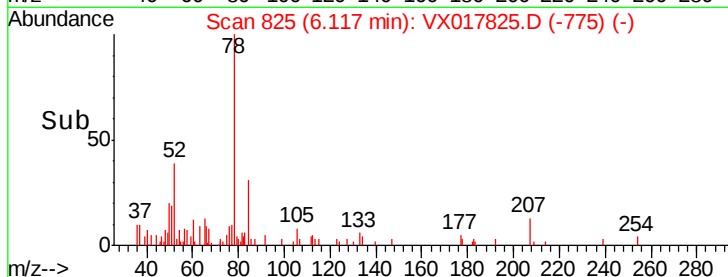
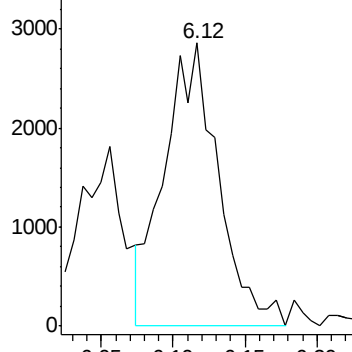
MSVOA_X

ClientSampled :

Tgt Ion: 78 Resp: 7436



Abundance Ion 78.10 (77.80 to 78.80): VX0



#42

Toluene

Concen: 0.122 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017825.D

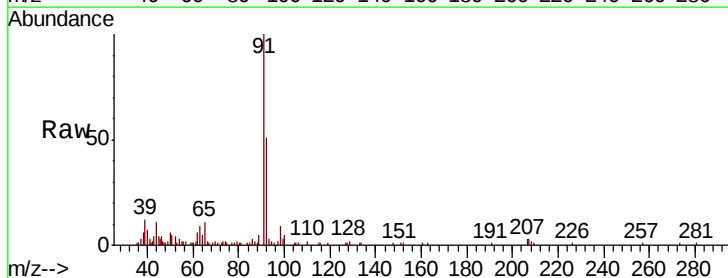
Acq: 07 Aug 2020 15:10

Tgt Ion: 91 Resp: 12883

Ion Ratio Lower Upper

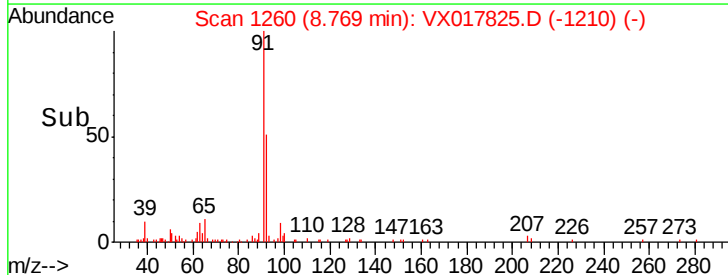
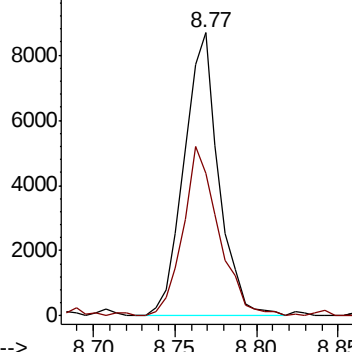
91 100

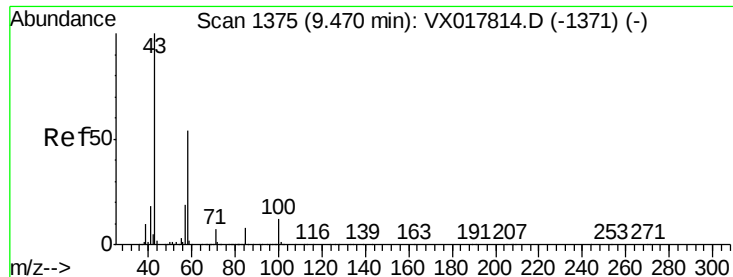
92 50.5 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0





#50

2-Hexanone

Concen: 2.465 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX017825.D

Acq: 07 Aug 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 28248

Ion Ratio Lower Upper

43 100

58 28.4 43.0 64.6#

57 26.9 15.0 22.4#

100 1.7 9.2 13.8#

