

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039017.D
 Acq On : 22 Jun 2020 20:24
 Operator : SY/MD
 Sample : L3061-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXJ3

Quant Time: Jun 23 02:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	264205	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	130825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128835	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.93	69	95378	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.59	63	173767	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	4.67	46	315753	44.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.36%
24) Chloroform-d	5.10	84	208348	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.74	65	126916	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.76	84	435613	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.72	67	140021	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.92	98	358357	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	8.20	79	45730	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.65	63	255068	46.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	120243	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	136950	5.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.60%

Target Compounds

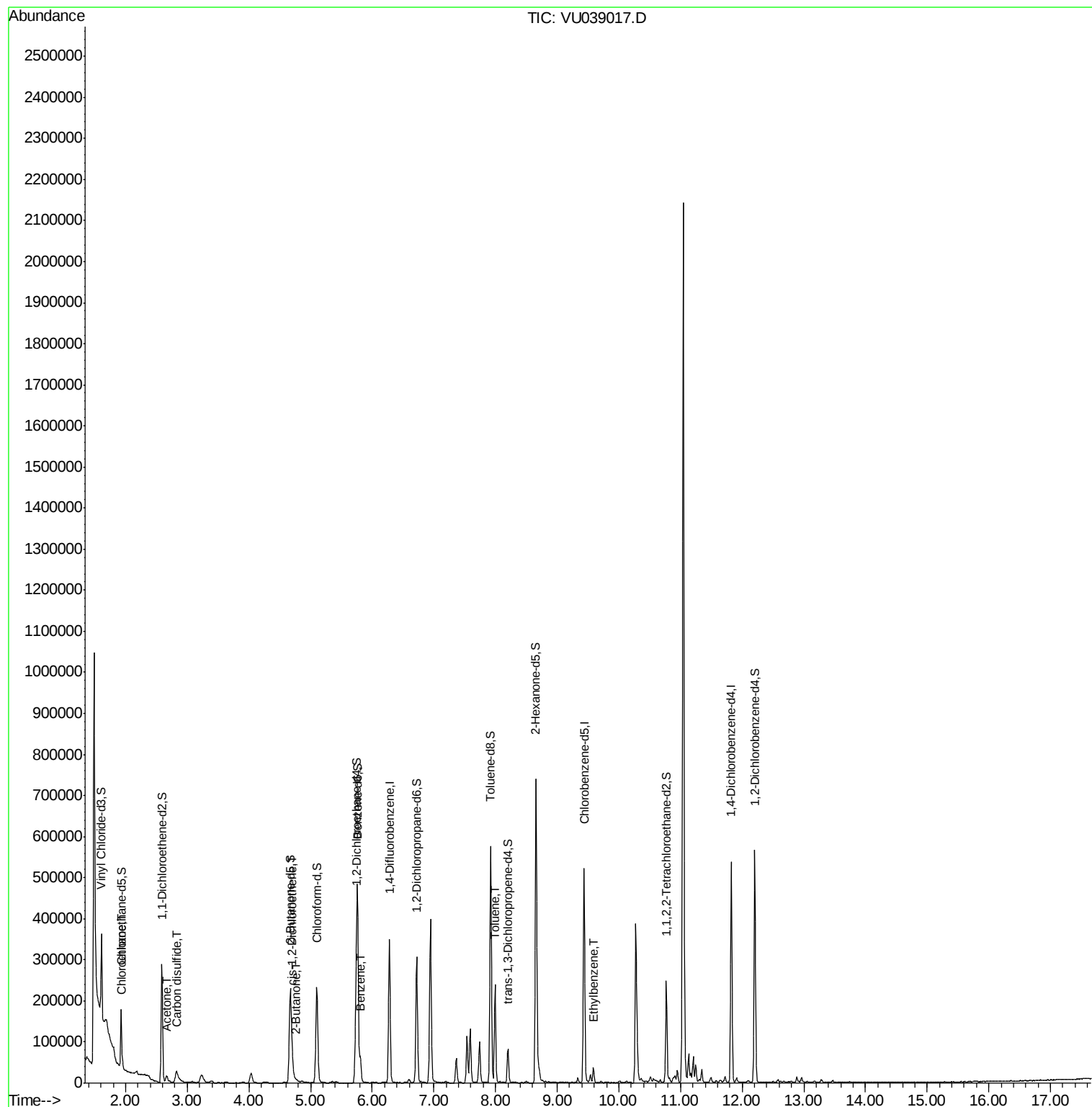
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	17718	1.194	ug/L	# 79
13) Acetone	2.66	43	16125	3.617	ug/L	97
14) Carbon disulfide	2.83	76	12738	0.193	ug/L	98
21) 2-Butanone	4.77	43	10268	1.428	ug/L	95
22) cis-1,2-Dichloroethene	4.70	96	12194	0.559	ug/L	98
33) Benzene	5.81	78	58985	0.672	ug/L	100
42) Toluene	7.99	91	161469	1.831	ug/L	98
52) Ethylbenzene	9.59	91	23373	0.247	ug/L	92

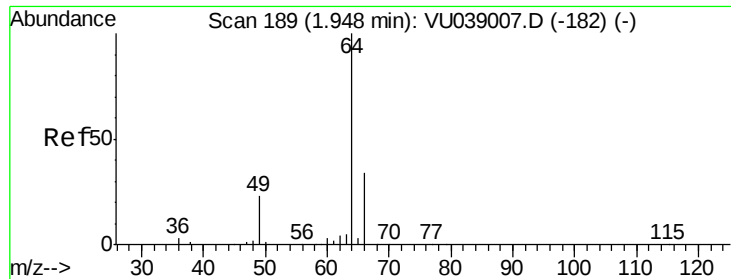
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 23 01:25:34 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.194 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU039017.D

Acq: 22 Jun 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

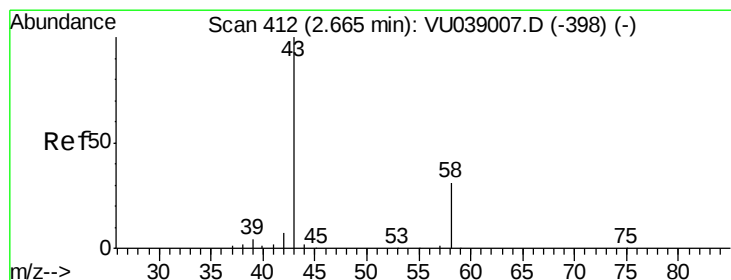
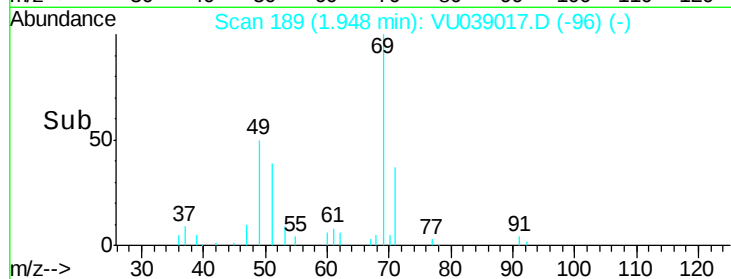
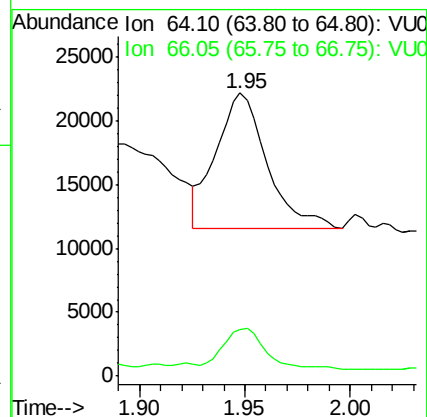
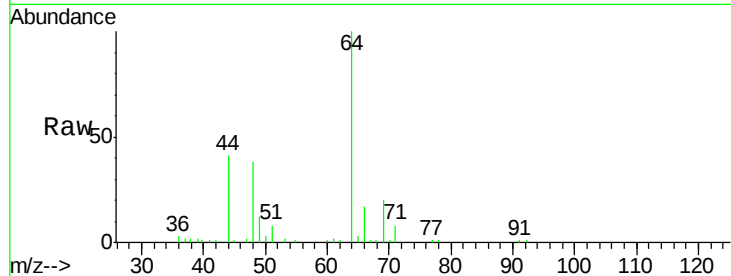
BFXJ3

Tot Ion: 64 Resp: 17718

Ion Ratio Lower Upper

64 100

66 16.6 19.4 36.0#



#13

Acetone

Concen: 3.617 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.00 min

Lab File: VU039017.D

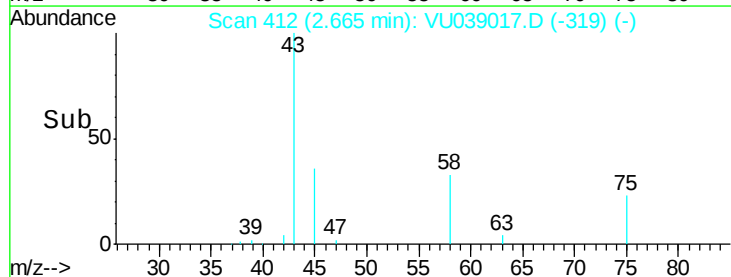
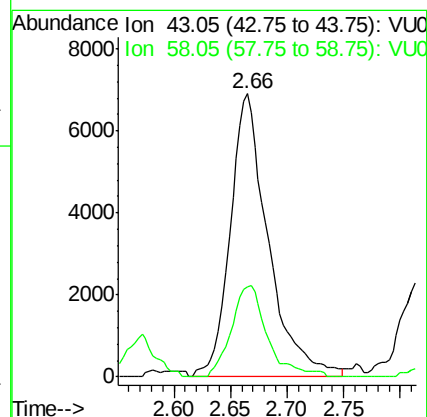
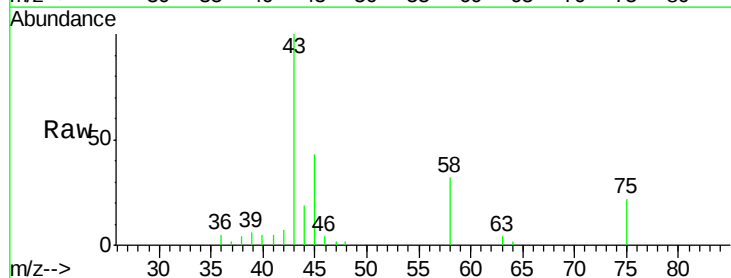
Acq: 22 Jun 2020 20:24

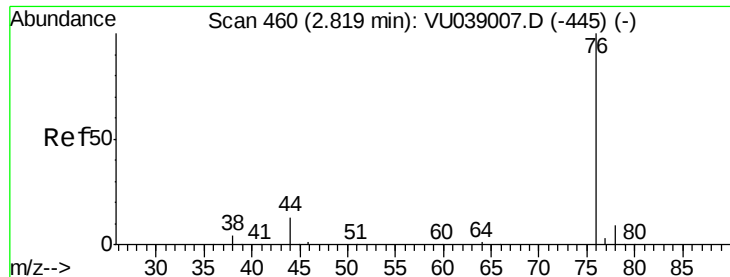
Tgt Ion: 43 Resp: 16125

Ion Ratio Lower Upper

43 100

58 30.6 0.0 64.8





#14

Carbon disulfide

Concen: 0.193 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.01 min

Lab File: VU039017.D

Acq: 22 Jun 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

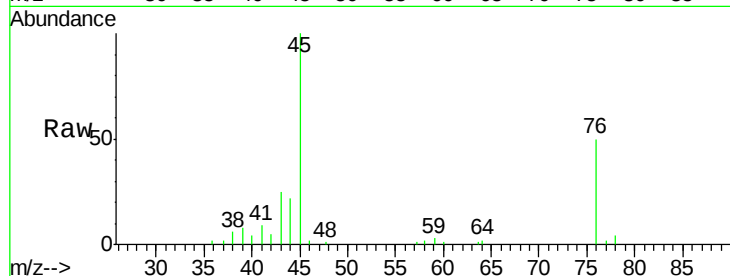
BFXJ3

Tot Ion: 76 Resp: 12738

Ion Ratio Lower Upper

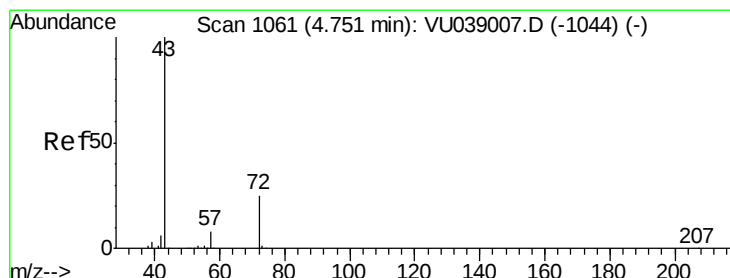
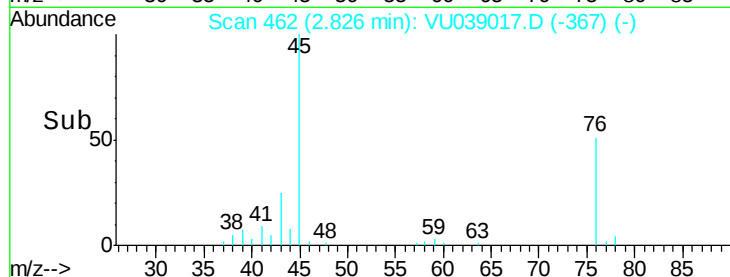
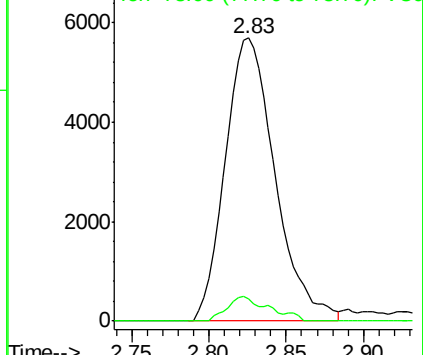
76 100

78 8.1 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU039017.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU039017.D (-367) (-)



#21

2-Butanone

Concen: 1.428 ug/L

RT: 4.77 min Scan# 1066

Delta R.T. 0.02 min

Lab File: VU039017.D

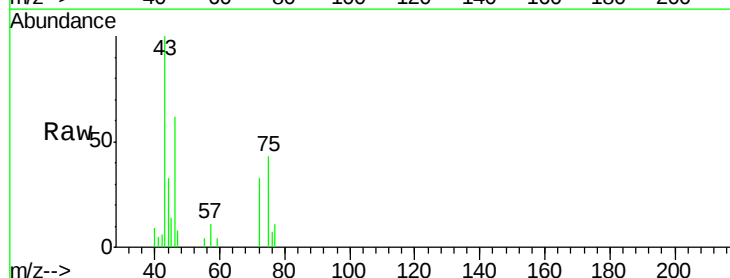
Acq: 22 Jun 2020 20:24

Tgt Ion: 43 Resp: 10268

Ion Ratio Lower Upper

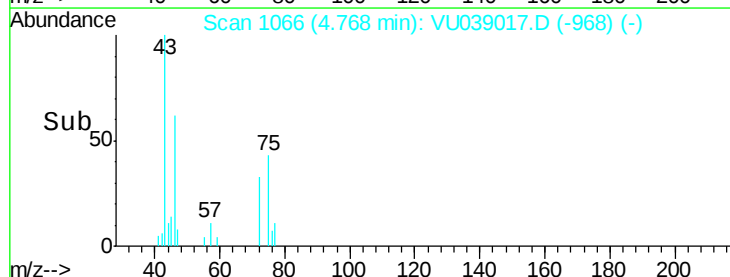
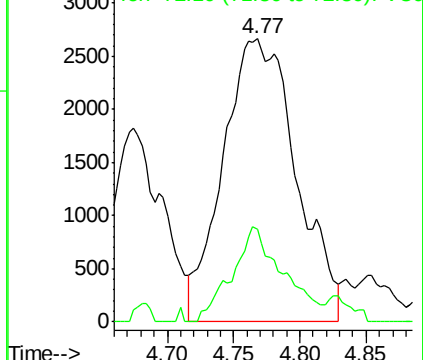
43 100

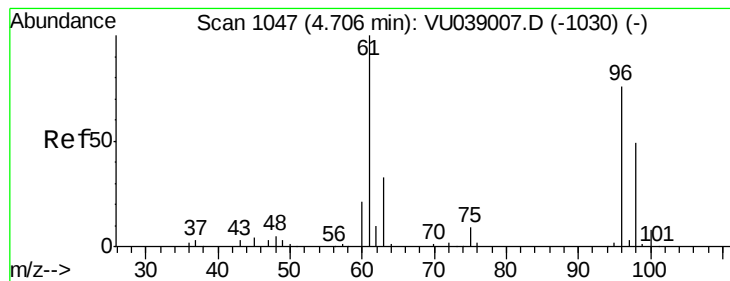
72 23.6 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU039017.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU039017.D (-968) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.559 ug/L

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU039017.D

Acq: 22 Jun 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

BFXJ3

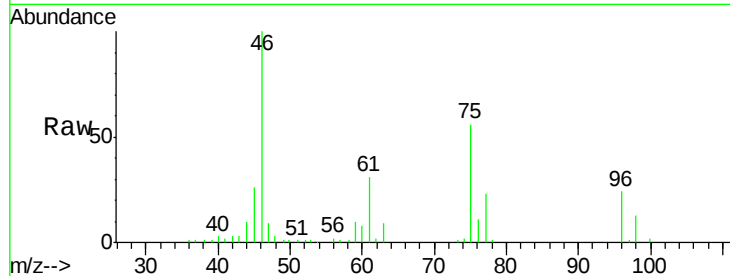
Tot Ion: 96 Resp: 12194

Ion Ratio Lower Upper

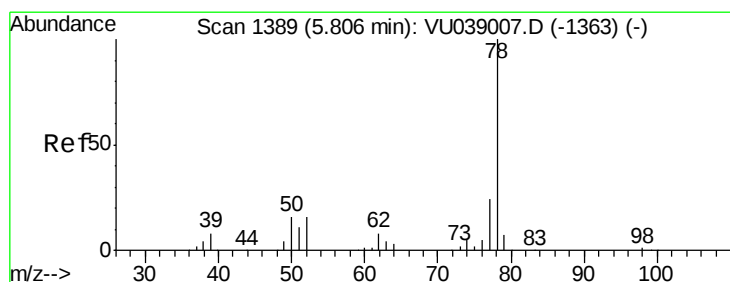
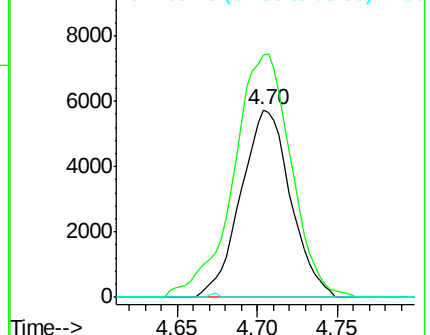
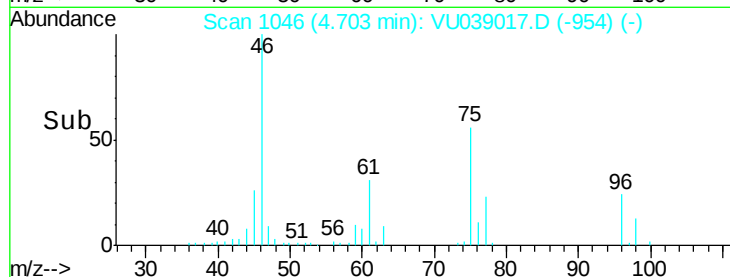
96 100

61 129.2 92.0 170.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU039017.D (-954) (-)



#33

Benzene

Concen: 0.672 ug/L

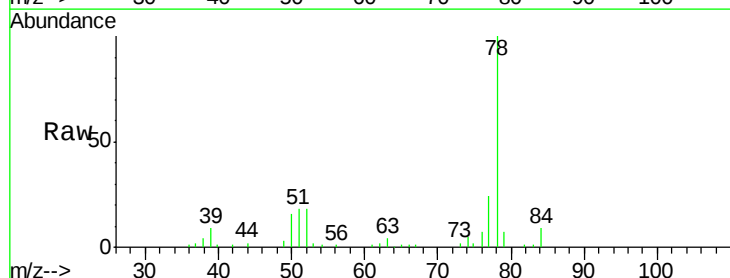
RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

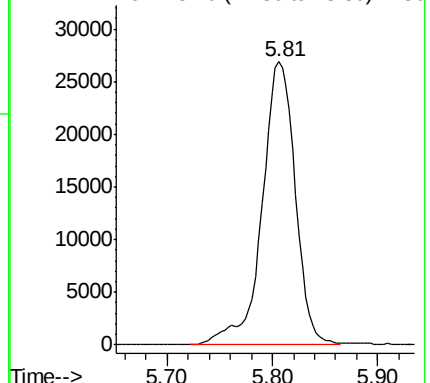
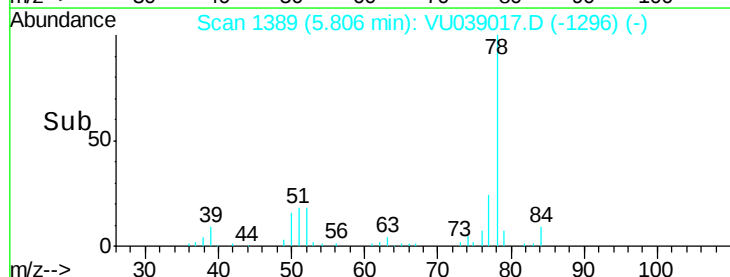
Lab File: VU039017.D

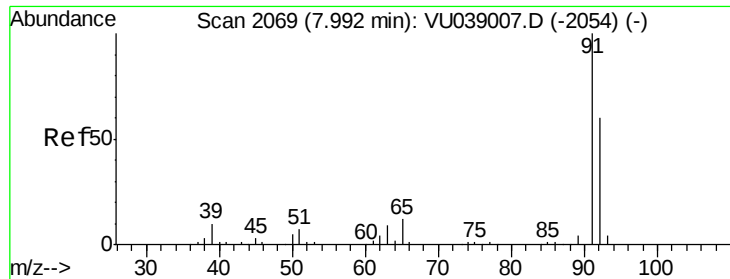
Acq: 22 Jun 2020 20:24

Tgt Ion: 78 Resp: 58985



Abundance Ion 78.10 (77.80 to 78.80): VU039017.D (-1296) (-)





#42

Toluene

Concen: 1.831 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU039017.D

Acq: 22 Jun 2020 20:24

Instrument :

MSVOA_U

ClientSampleId :

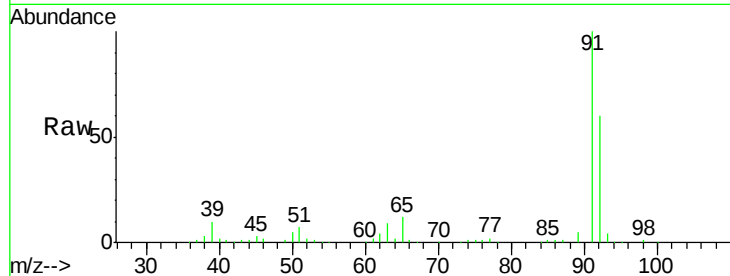
BFXJ3

Tot Ion: 91 Resp: 161469

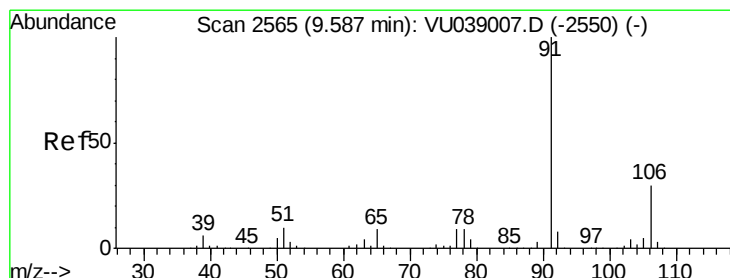
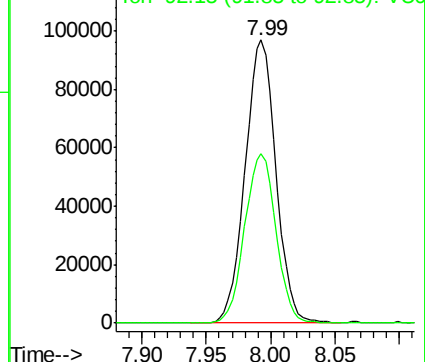
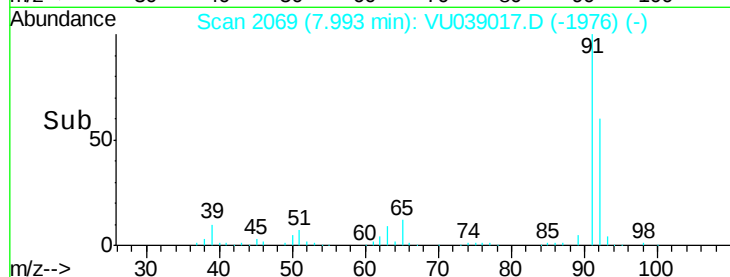
Ion Ratio Lower Upper

91 100

92 59.7 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VU039017.D (-1976) (-)



#52

Ethylbenzene

Concen: 0.247 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. 0.00 min

Lab File: VU039017.D

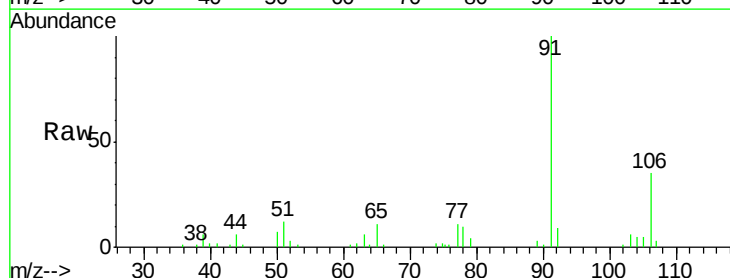
Acq: 22 Jun 2020 20:24

Tgt Ion: 91 Resp: 23373

Ion Ratio Lower Upper

91 100

106 34.8 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU039017.D (-2472) (-)

