

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040391.D
 Acq On : 30 Sep 2020 12:10
 Operator : SY/MD
 Sample : L4186-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0E2

Quant Time: Oct 01 03:16:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	125830	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58649	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28135	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.92	69	29255	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.58	63	46547	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.65	46	162551	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	5.08	84	75226	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	47301	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.74	84	130290	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	48209	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	100516	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	18474	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.64	63	114199	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45647	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	46679	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

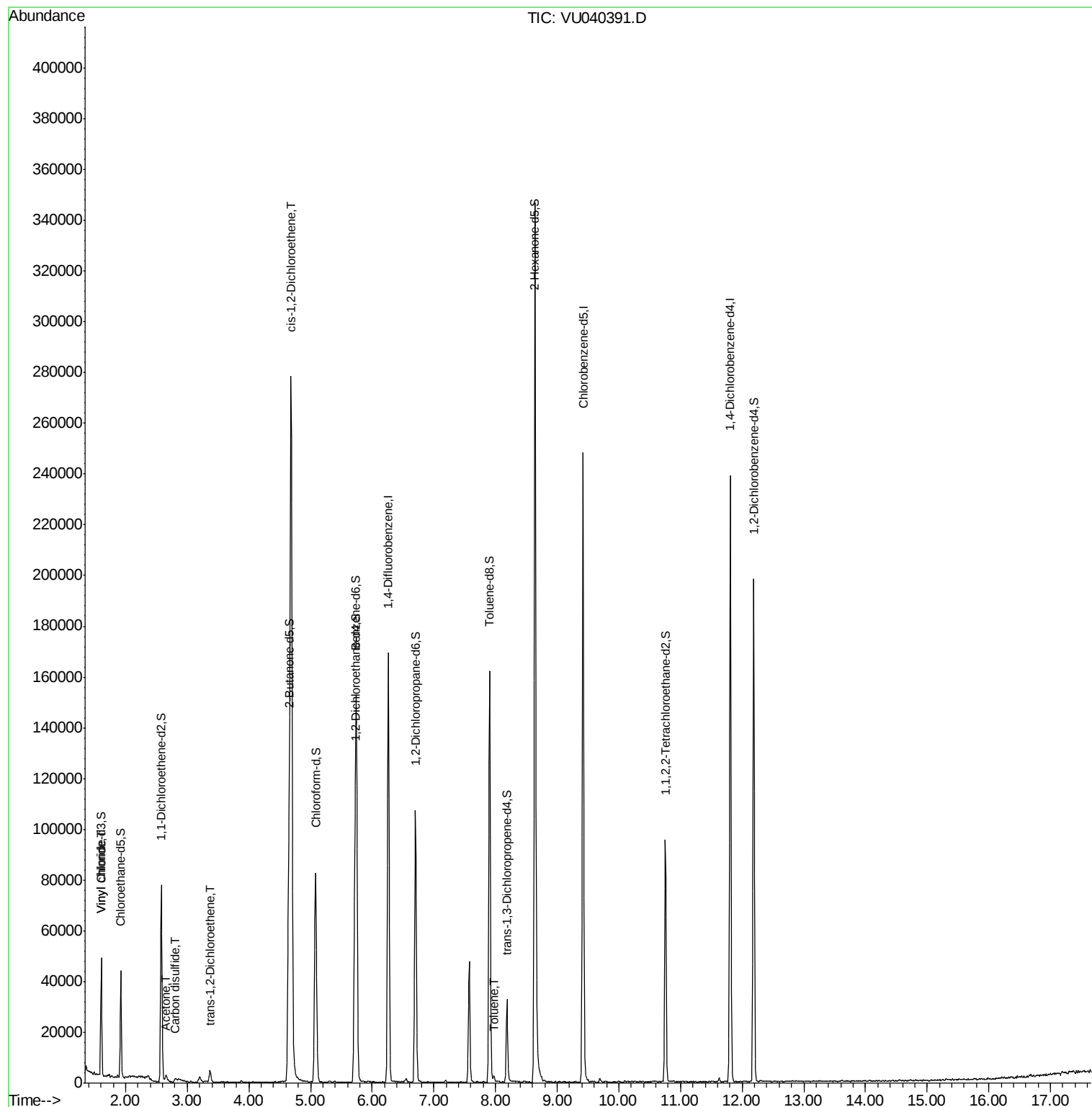
					Ovalue
5) Vinyl chloride	1.61	62	1558	0.128 ug/L #	52
13) Acetone	2.66	43	4572	1.773 ug/L	94
14) Carbon disulfide	2.81	76	1578	0.052 ug/L #	93
18) trans-1,2-Dichloroethene	3.37	96	1859	0.188 ug/L	92
22) cis-1,2-Dichloroethene	4.68	96	124042	11.316 ug/L	97
42) Toluene	7.97	91	1550	0.035 ug/L #	75

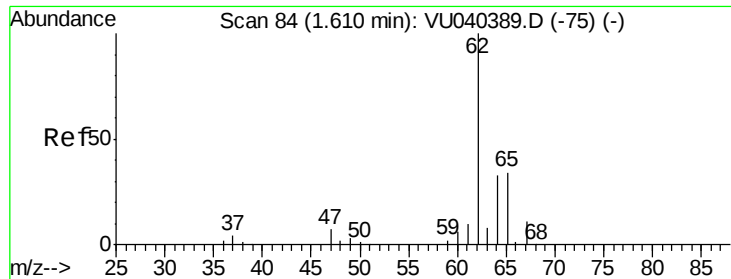
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
Data File : VU040391.D
Acq On : 30 Sep 2020 12:10
Operator : SY/MD
Sample : L4186-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG0E2

Quant Time: Oct 01 03:16:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 03:05:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.128 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040391.D

Acq: 30 Sep 2020 12:10

Instrument :

MSVOA_U

ClientSampleID :

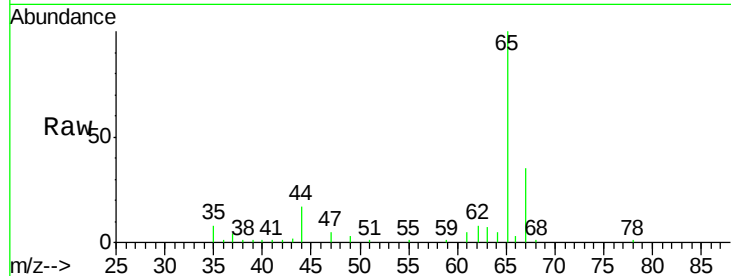
BG0E2

Tot Ion: 62 Resp: 1558

Ion Ratio Lower Upper

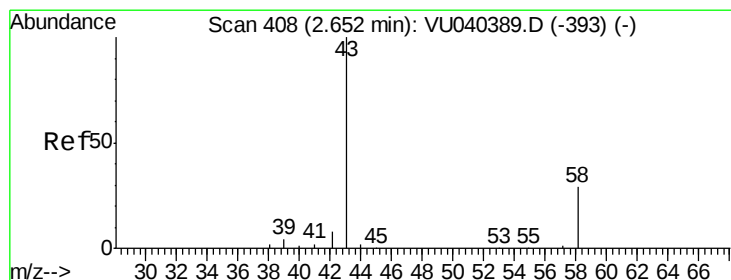
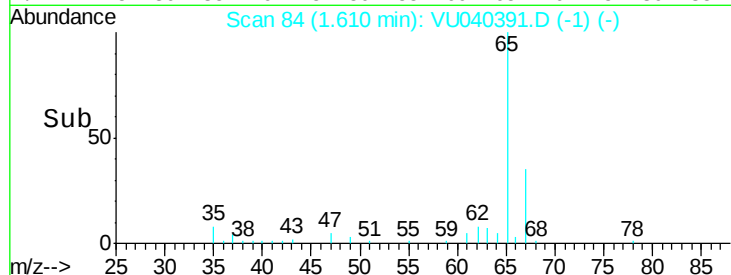
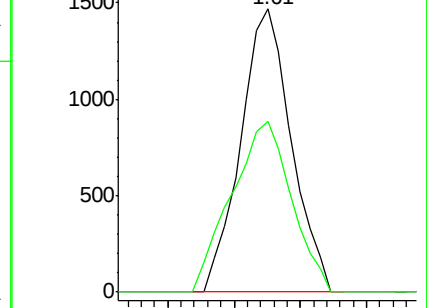
62 100

64 60.1 23.0 42.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 1.773 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU040391.D

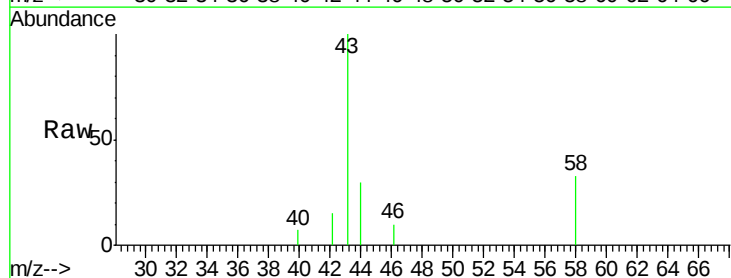
Acq: 30 Sep 2020 12:10

Tgt Ion: 43 Resp: 4572

Ion Ratio Lower Upper

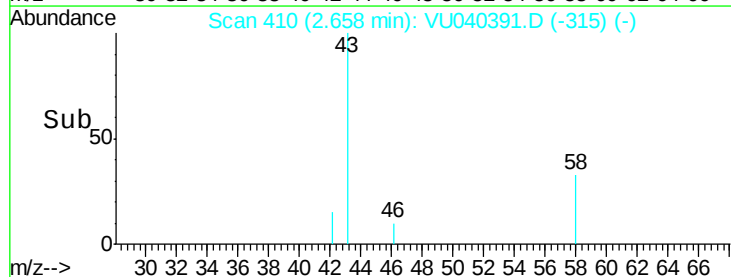
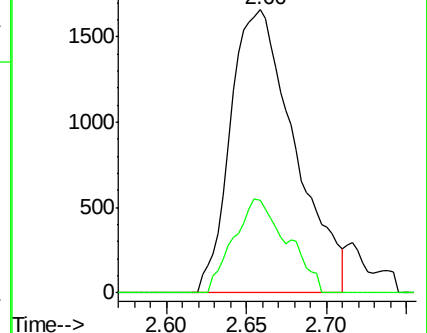
43 100

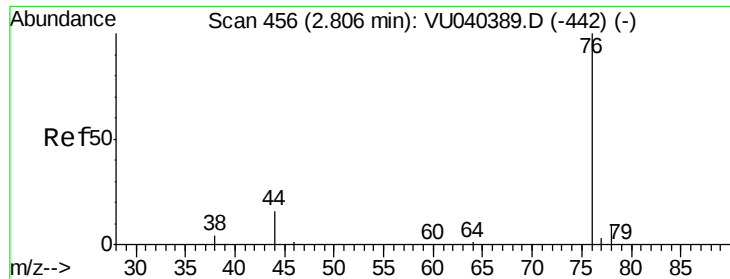
58 27.5 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.052 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040391.D

Acq: 30 Sep 2020 12:10

Instrument :

MSVOA_U

ClientSampled :

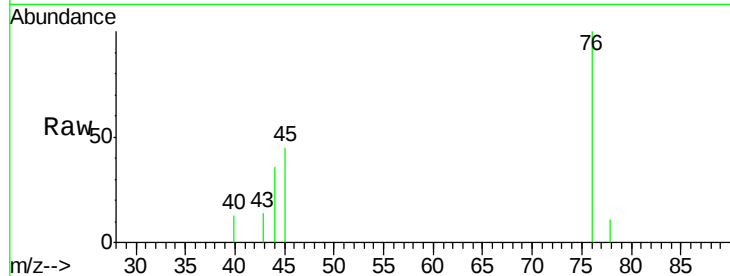
BG0E2

Tot Ion: 76 Resp: 1578

Ion Ratio Lower Upper

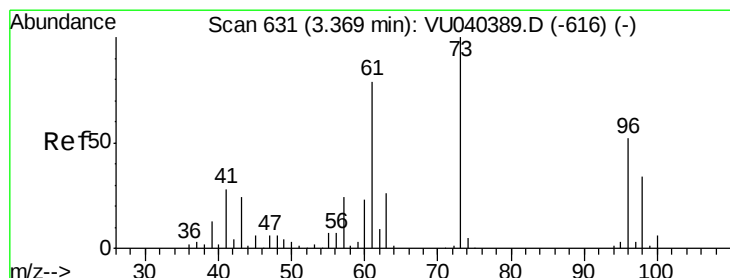
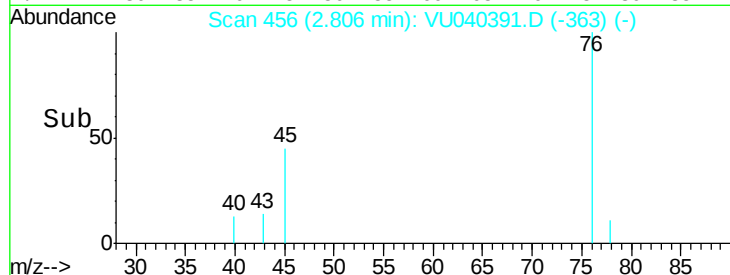
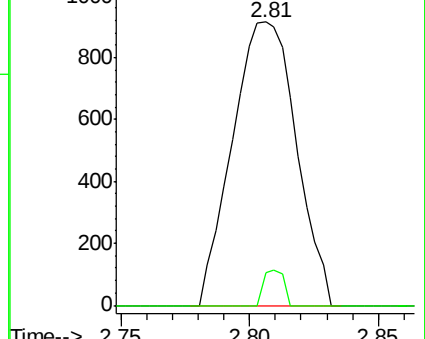
76 100

78 11.5 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0



#18

trans-1,2-Dichloroethene

Concen: 0.188 ug/L

RT: 3.37 min Scan# 632

Delta R.T. 0.00 min

Lab File: VU040391.D

Acq: 30 Sep 2020 12:10

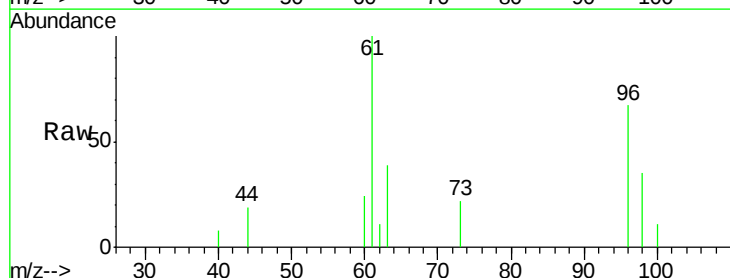
Tgt Ion: 96 Resp: 1859

Ion Ratio Lower Upper

96 100

61 149.9 109.3 203.1

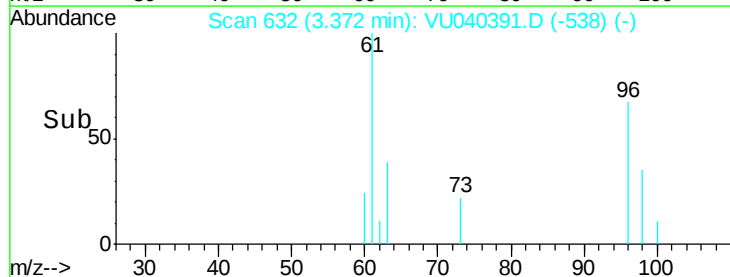
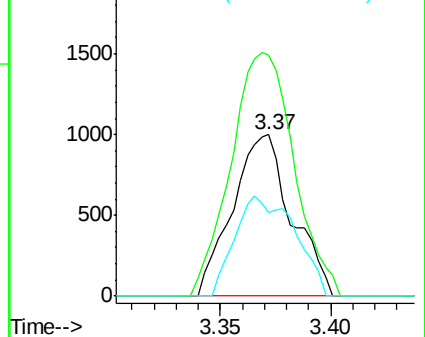
98 52.2 45.8 85.0

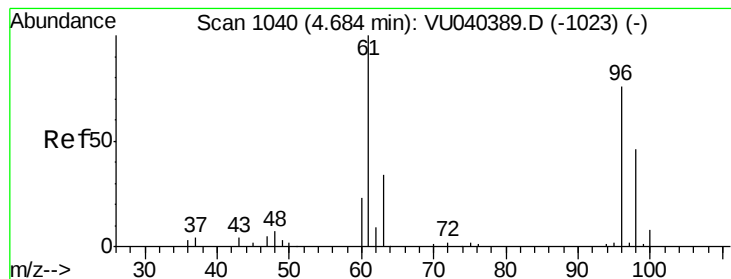


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0





#22

cis-1,2-Dichloroethene

Concen: 11.316 ug/L

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040391.D

Acq: 30 Sep 2020 12:10

Instrument :

MSVOA_U

ClientSampleId :

BG0E2

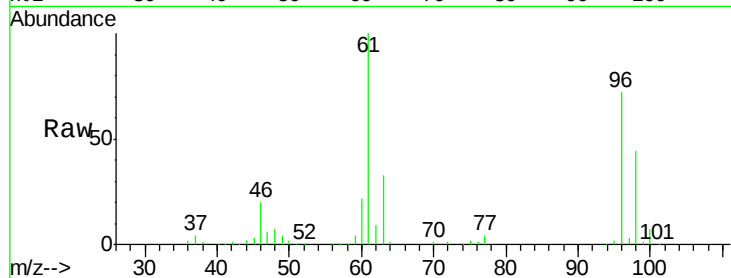
Tot Ion: 96 Resp: 124042

Ion Ratio Lower Upper

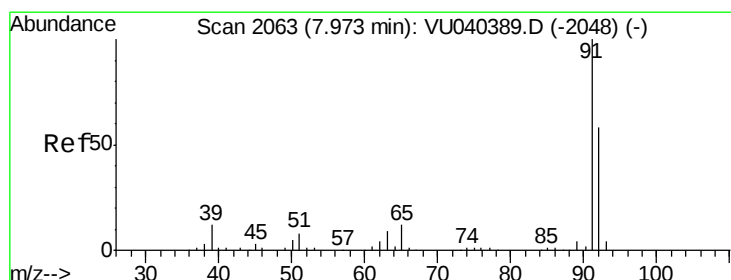
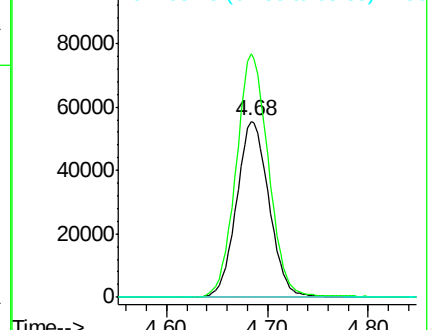
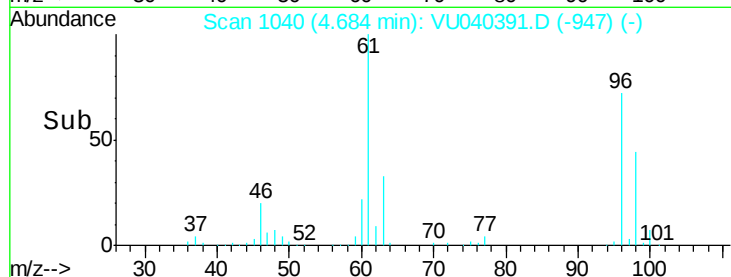
96 100

61 138.0 99.3 184.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU040391.D (-947) (-)



#42

Toluene

Concen: 0.035 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040391.D

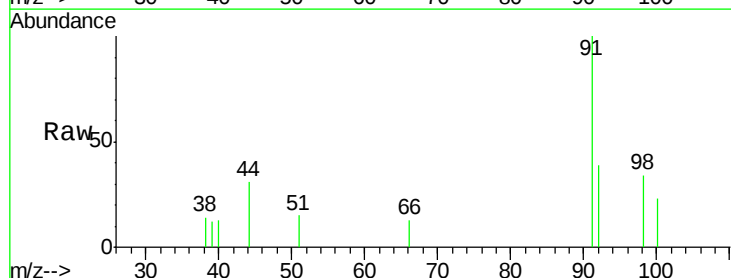
Acq: 30 Sep 2020 12:10

Tgt Ion: 91 Resp: 1550

Ion Ratio Lower Upper

91 100

92 38.8 40.0 74.4#



Abundance Ion 91.15 (90.85 to 91.85): VU040391.D (-1970) (-)

