

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041286.D
 Acq On : 17 Nov 2020 17:31
 Operator : SY/MD
 Sample : L4740-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB115

Quant Time: Nov 17 23:43:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	62568	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27857	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22564	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.92	69	20912	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.58	63	35043	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.65	46	92504	48.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.50%
24) Chloroform-d	5.08	84	48930	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	31958	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.74	84	84936	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	29848	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	69871	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.19	79	12561	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.64	63	65287	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25533	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	30075	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

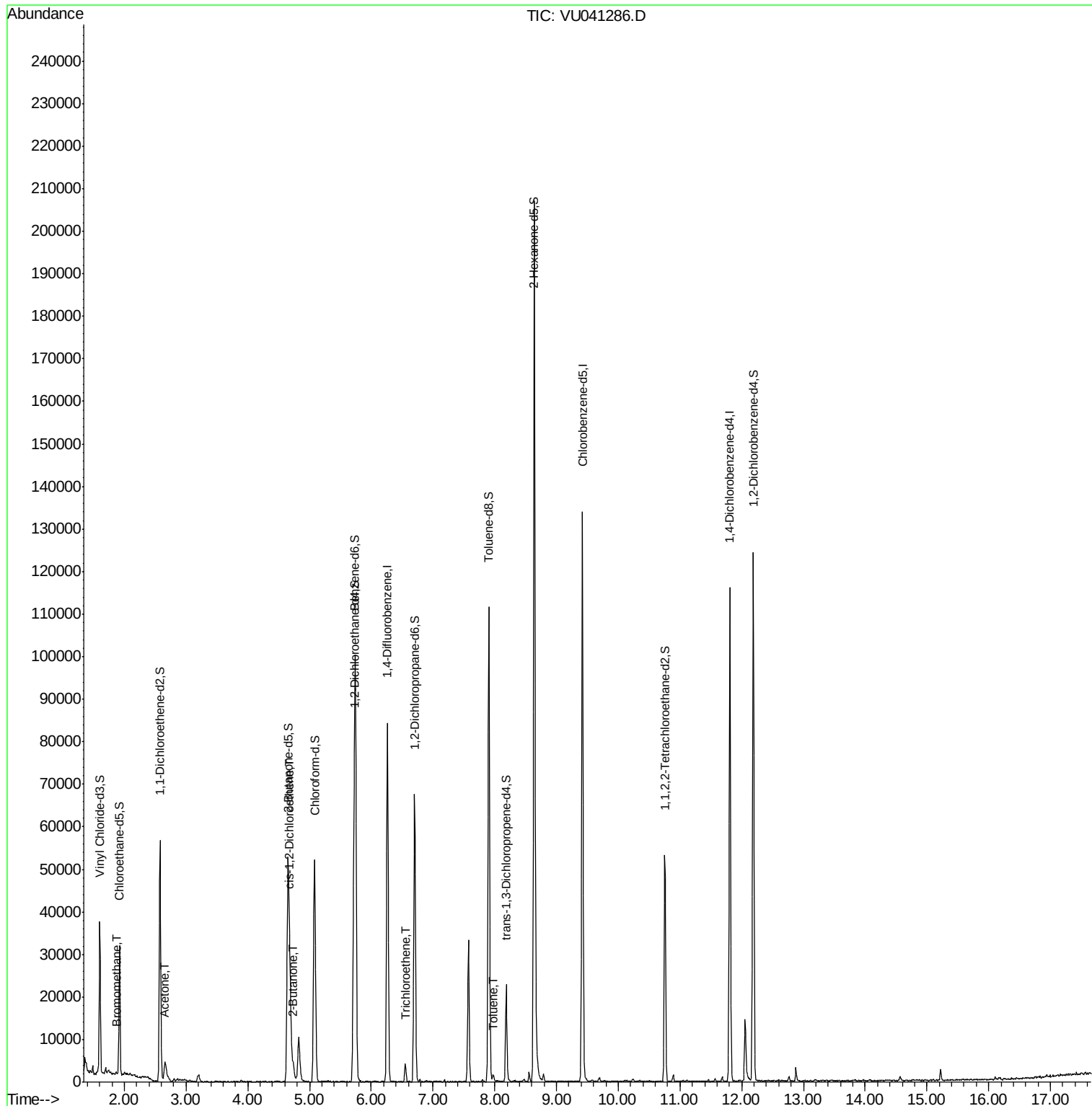
					Ovalue
6) Bromomethane	1.87	94	400	0.124 ug/L	94
13) Acetone	2.66	43	9626	7.647 ug/L #	63
21) 2-Butanone	4.74	43	2752	1.440 ug/L	82
22) cis-1,2-Dichloroethene	4.69	96	3519	0.786 ug/L	99
34) Trichloroethene	6.56	95	1381	0.273 ug/L	86
42) Toluene	7.98	91	1309	0.065 ug/L	91

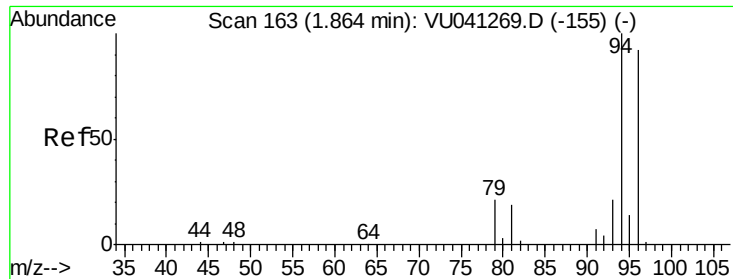
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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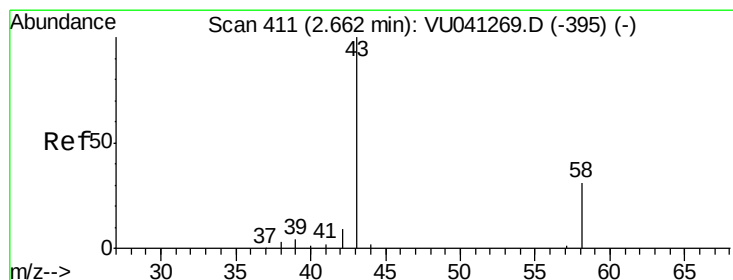
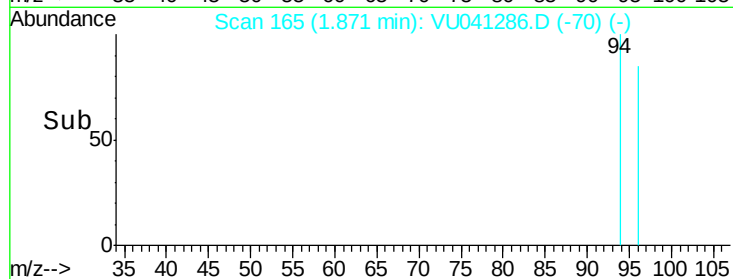
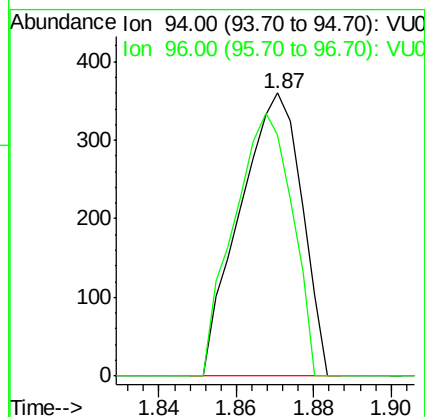
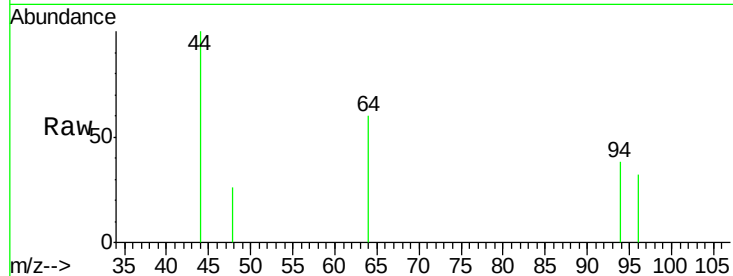




#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.87 min Scan# 165
Delta R.T. 0.01 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

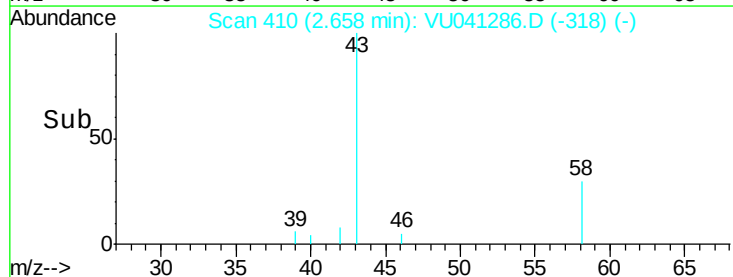
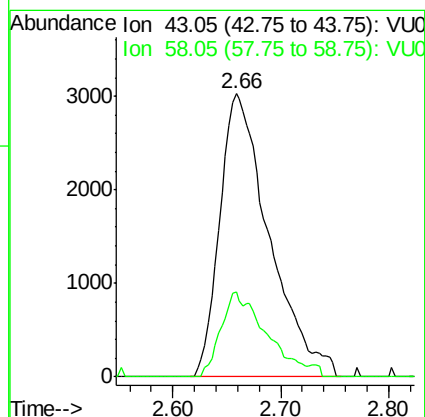
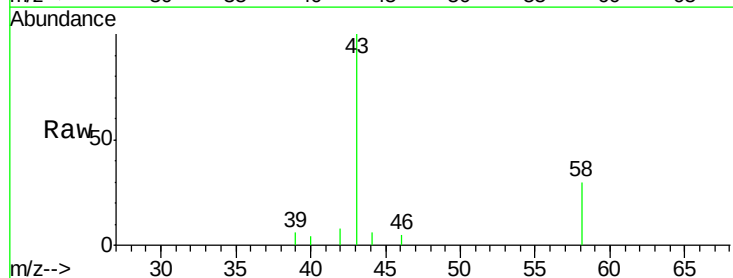
Instrument :
MSVOA_U
ClientSampleId :
GB115

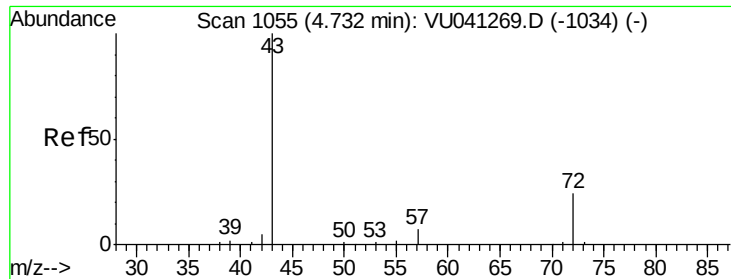
Tot Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 85.0 63.5 117.9



#13
Acetone
Concen: 7.647 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU041286.D
Acq: 17 Nov 2020 17:31

Tgt Ion: 43 Resp: 9626
Ion Ratio Lower Upper
43 100
58 27.3 0.0 25.4#





#21

2-Butanone

Concen: 1.440 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU041286.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_U

ClientSampleId :

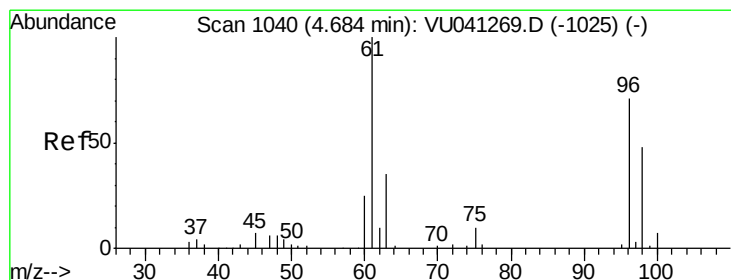
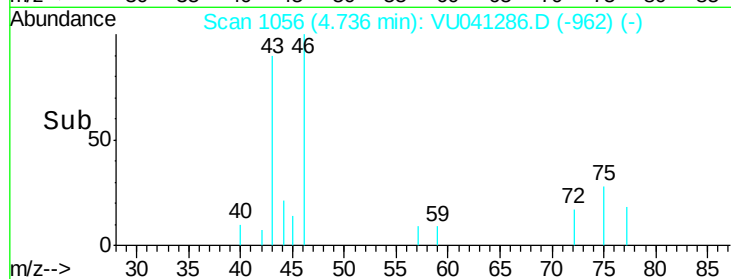
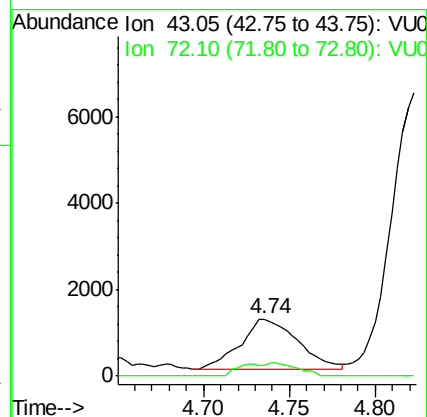
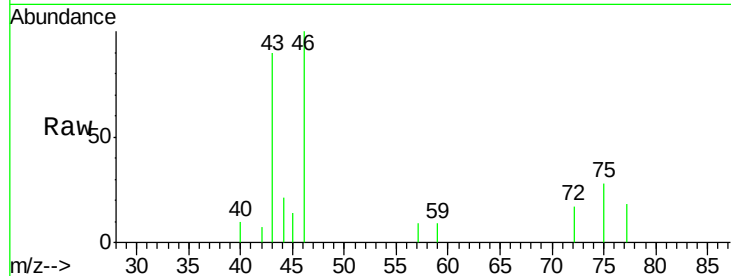
GB115

Tot Ion: 43 Resp: 2752

Ion Ratio Lower Upper

43 100

72 14.9 11.8 35.4



#22

cis-1,2-Dichloroethene

Concen: 0.786 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU041286.D

Acq: 17 Nov 2020 17:31

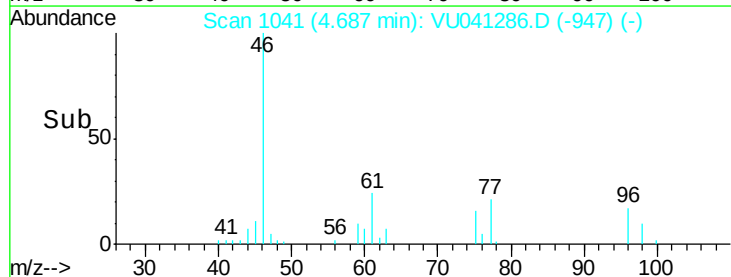
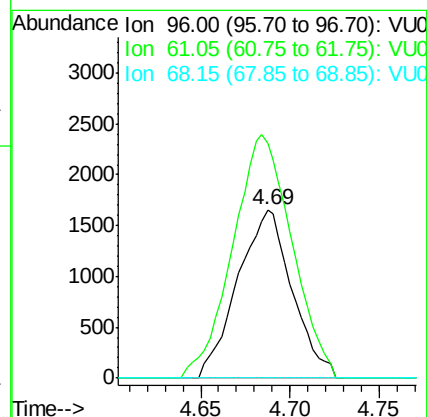
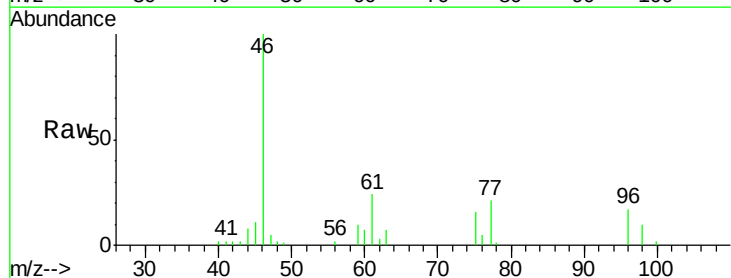
Tgt Ion: 96 Resp: 3519

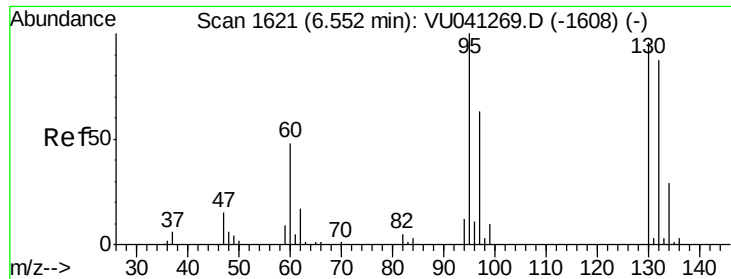
Ion Ratio Lower Upper

96 100

61 139.6 97.2 180.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.273 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041286.D

Acq: 17 Nov 2020 17:31

Instrument :

MSVOA_U

ClientSampleId :

GB115

Tot Ion: 95 Resp: 1381

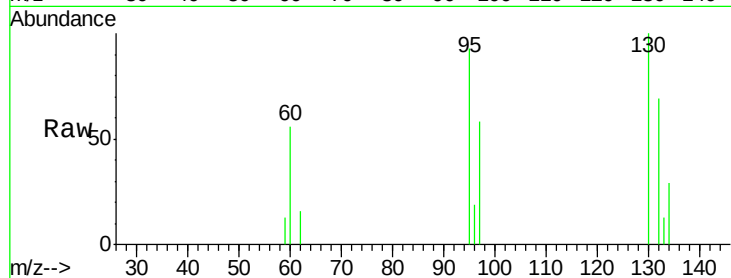
Ion Ratio Lower Upper

95 100

97 62.2 45.6 84.6

132 74.8 64.8 120.4

130 107.8 64.8 120.4

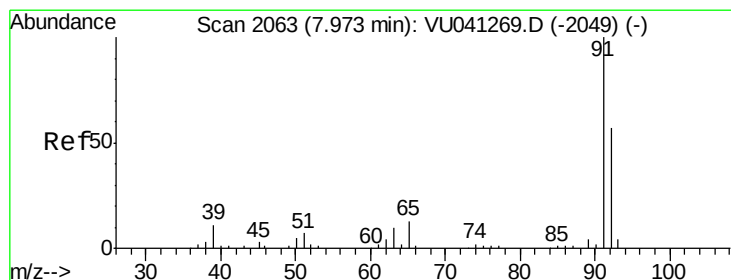
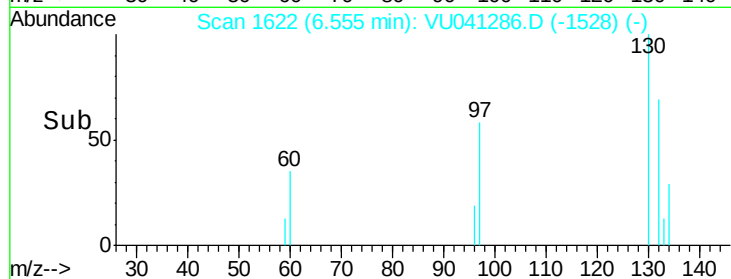
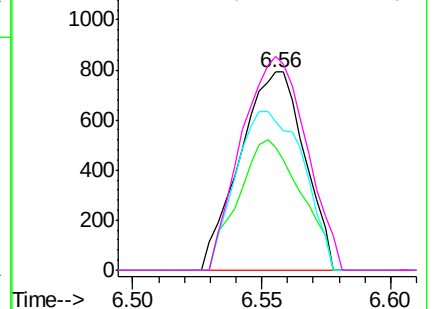


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.065 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041286.D

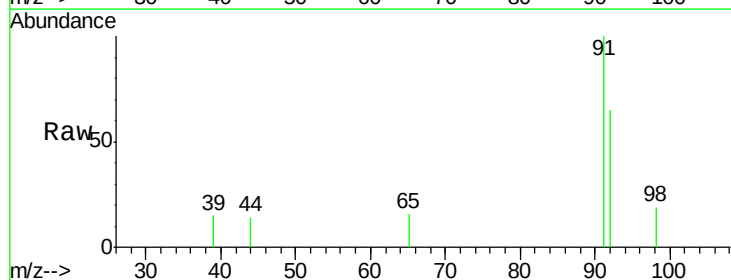
Acq: 17 Nov 2020 17:31

Tgt Ion: 91 Resp: 1309

Ion Ratio Lower Upper

91 100

92 64.8 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

