

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041151.D
 Acq On : 09 Nov 2020 19:14
 Operator : SY/MD
 Sample : L4646-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W2

Quant Time: Nov 10 04:05:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	65909	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64036	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30410	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.59	65	16918	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.91	69	16546	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.57	63	29013	2.67	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	4.74	46	76326	41.86	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.72%
24) Chloroform-d	5.08	84	45878	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.72	65	28267	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.74	84	82458	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	29684	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.90	98	67854	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	10838	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.65	63	61031	46.90	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.80%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	25979	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	31253	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

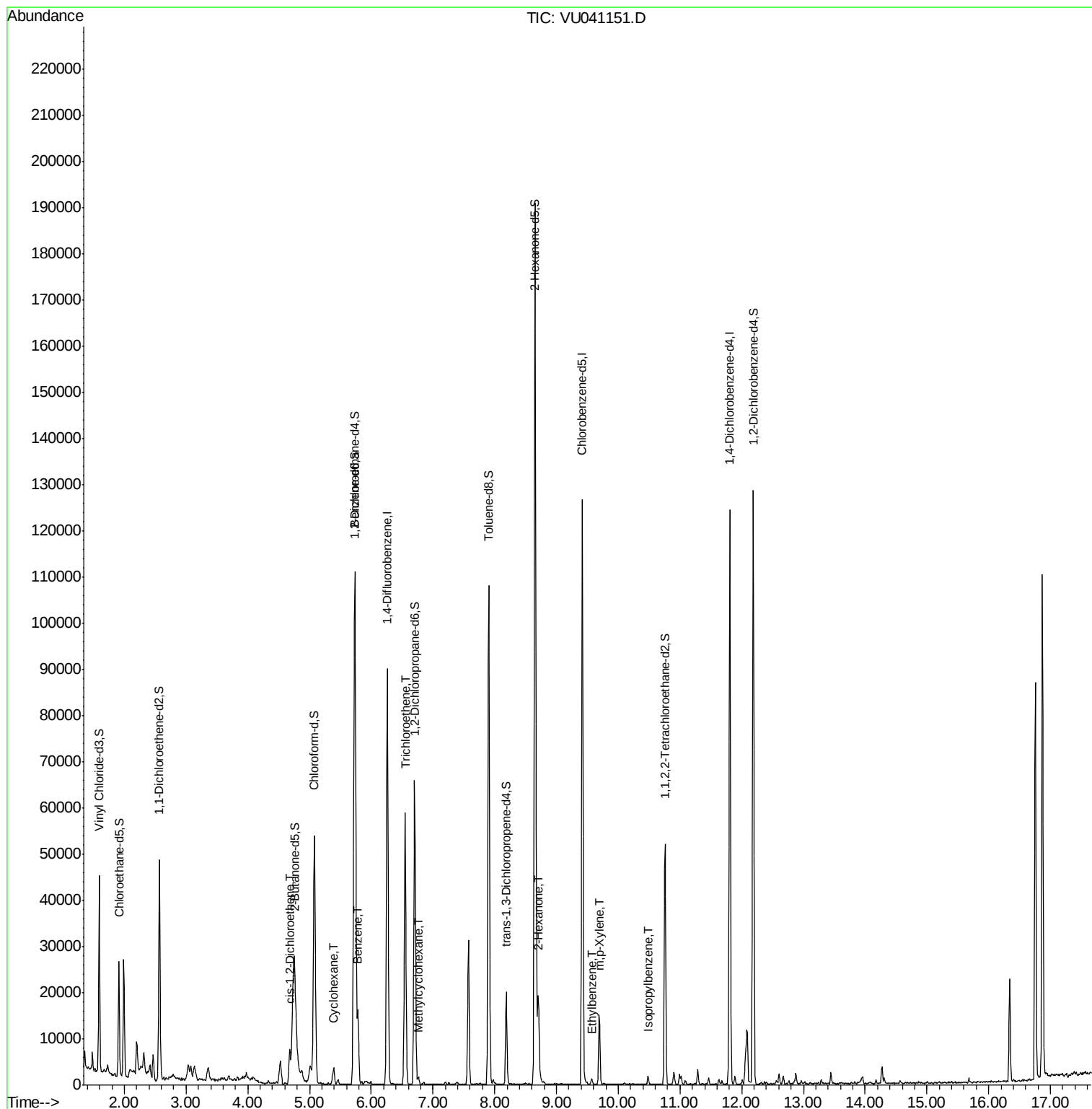
					Ovalue
22) cis-1,2-Dichloroethene	4.68	96	3469	0.711 ug/L	99
30) Cyclohexane	5.39	56	1813	0.235 ug/L	98
33) Benzene	5.78	78	14276	0.746 ug/L	100
34) Trichloroethene	6.55	95	19607	4.027 ug/L	97
35) Methylcyclohexane	6.76	83	760	0.105 ug/L #	87
48) 2-Hexanone	8.71	43	2687	0.864 ug/L #	70
52) Ethylbenzene	9.57	91	1292	0.063 ug/L	93
53) m,p-Xylene	9.69	106	4282	0.575 ug/L	97
56) Isopropylbenzene	10.48	105	1631	0.087 ug/L #	87

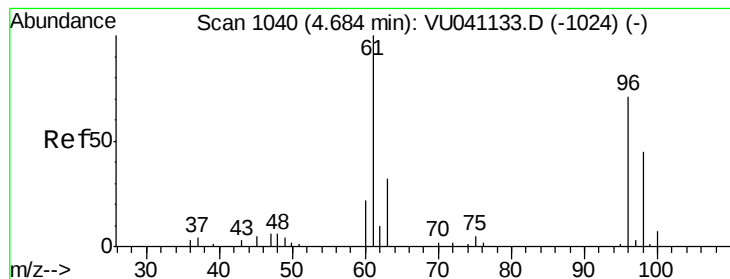
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.711 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU041151.D

Acq: 09 Nov 2020 19:14

Instrument :

MSVOA_U

ClientSampled :

GB0W2

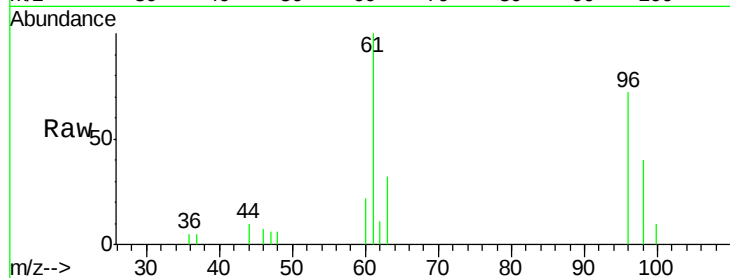
Tot Ion: 96 Resp: 3469

Ion Ratio Lower Upper

96 100

61 138.0 97.2 180.4

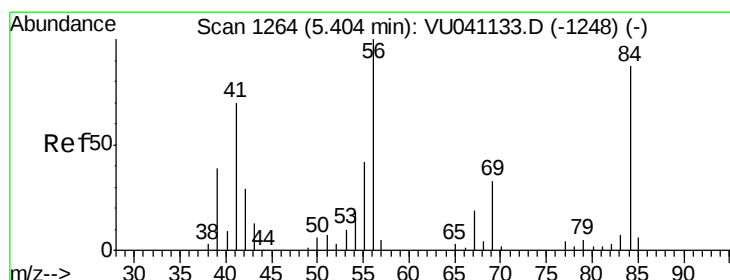
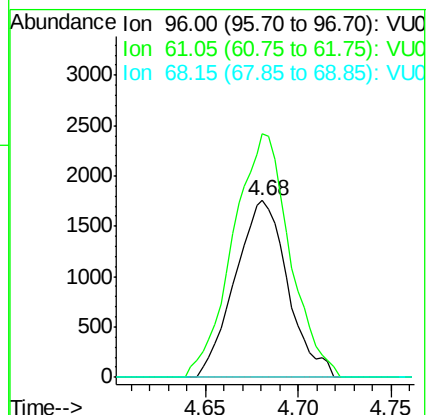
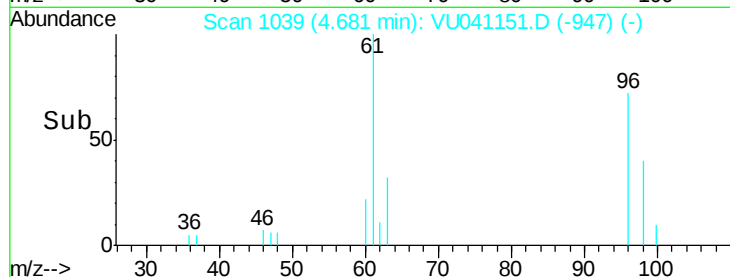
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#30

Cyclohexane

Concen: 0.235 ug/L

RT: 5.39 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VU041151.D

Acq: 09 Nov 2020 19:14

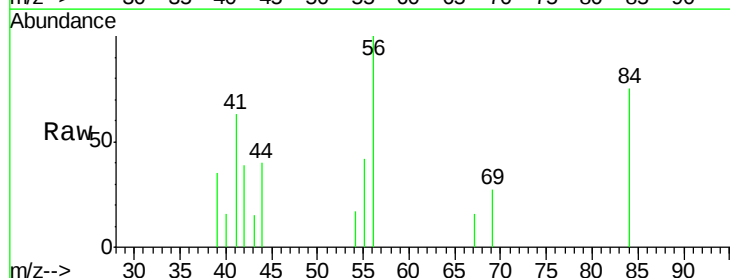
Tgt Ion: 56 Resp: 1813

Ion Ratio Lower Upper

56 100

69 25.9 22.8 34.2

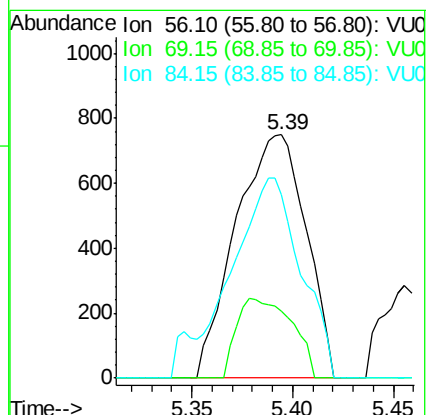
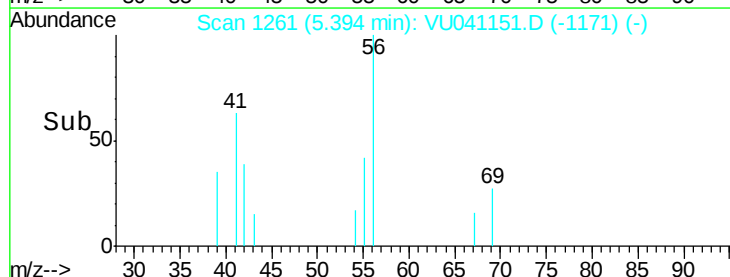
84 78.2 63.6 95.4

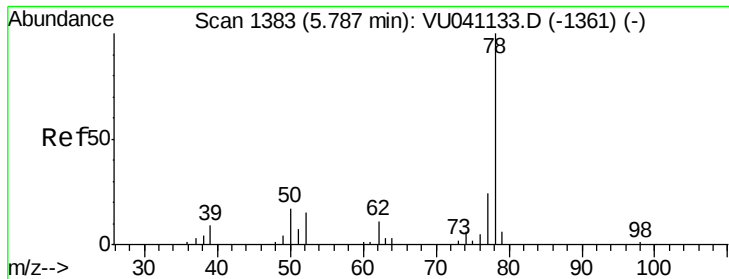


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0

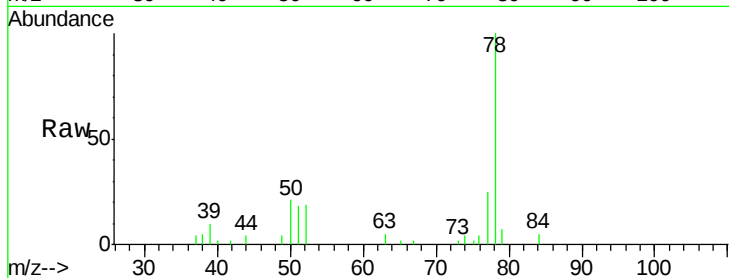




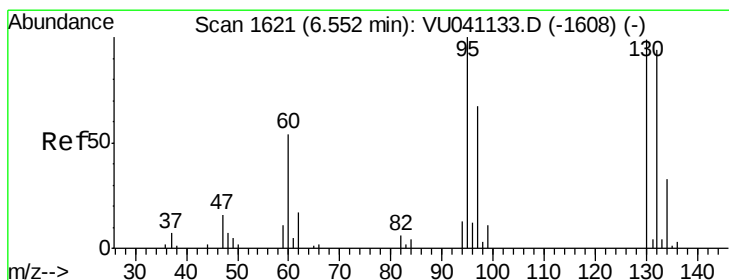
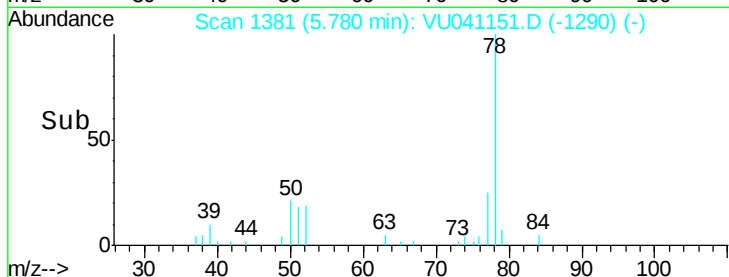
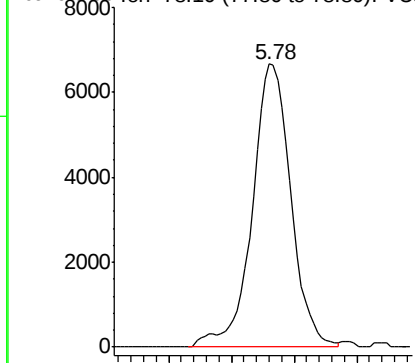
#33
Benzene
Concen: 0.746 ug/L
RT: 5.78 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VU041151.D
Acq: 09 Nov 2020 19:14

Instrument :
MSVOA_U
ClientSampleId :
GB0W2

Tgt Ion: 78 Resp: 14276



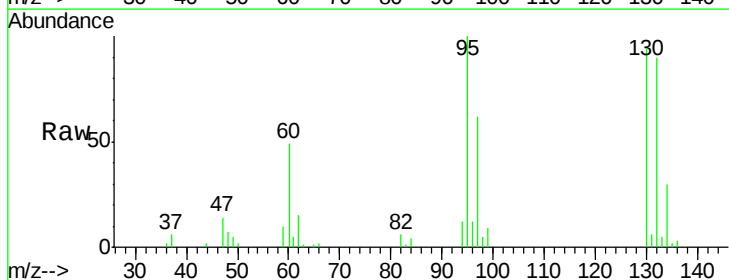
Abundance Ion 78.10 (77.80 to 78.80): VU0



#34
Trichloroethene
Concen: 4.027 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041151.D
Acq: 09 Nov 2020 19:14

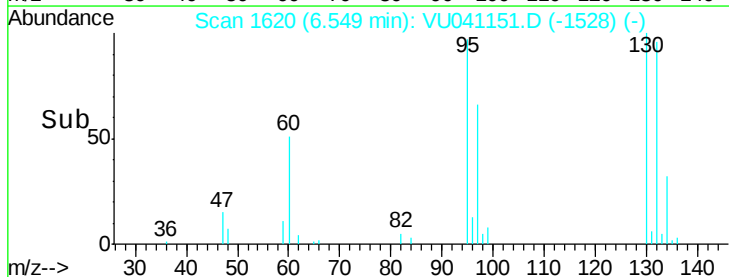
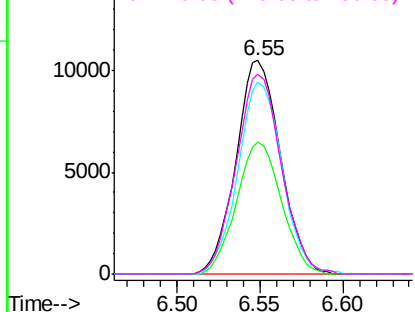
Tgt Ion: 95 Resp: 19607

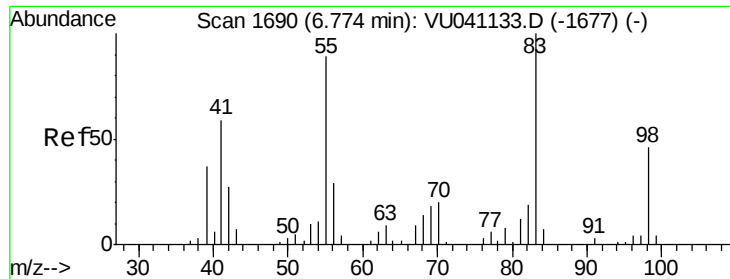
Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.6	84.6
132	89.7	64.8	120.4
130	93.8	64.8	120.4



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

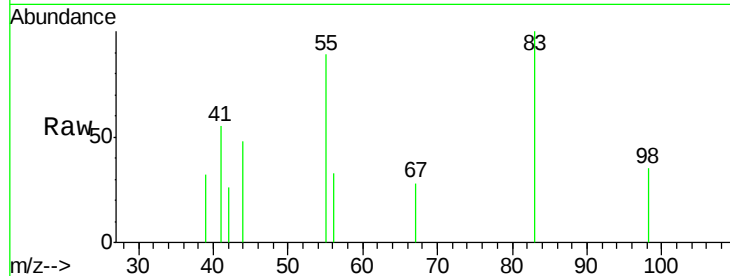




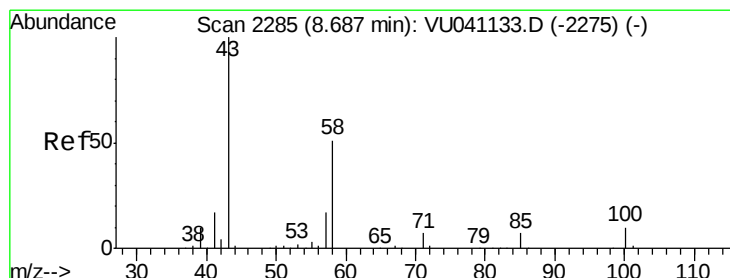
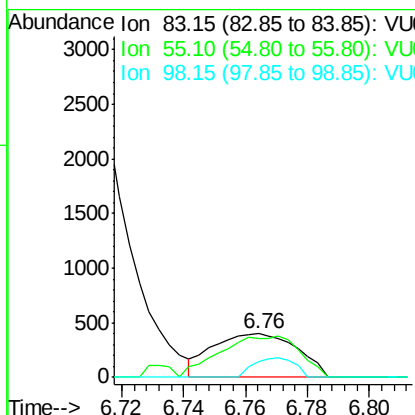
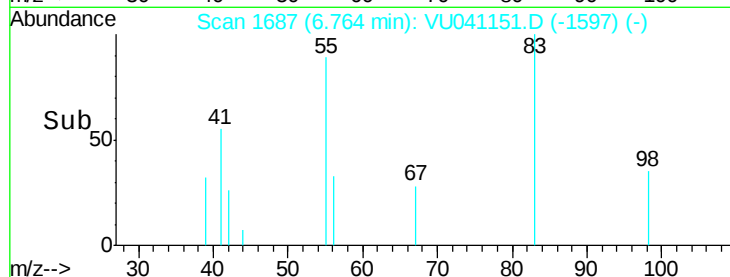
#35
Methvlcvclohexane
Concen: 0.105 ug/L
RT: 6.76 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VU041151.D
Acq: 09 Nov 2020 19:14

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MSVOA_U
ClientSampleId :
GB0W2

Tot Ion: 83 Resp: 760
Ion Ratio Lower Upper
83 100
55 89.5 72.0 108.0
98 21.8 36.6 55.0#

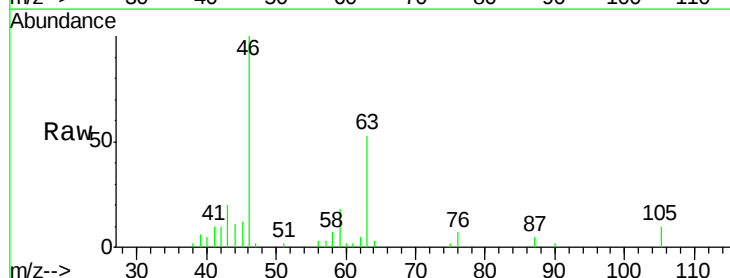


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

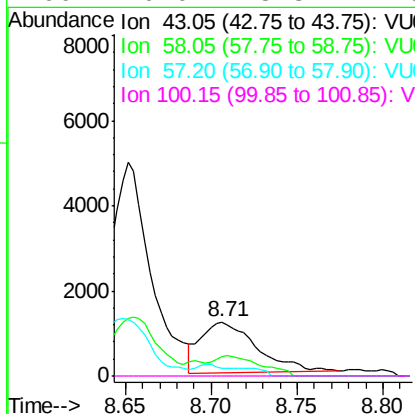
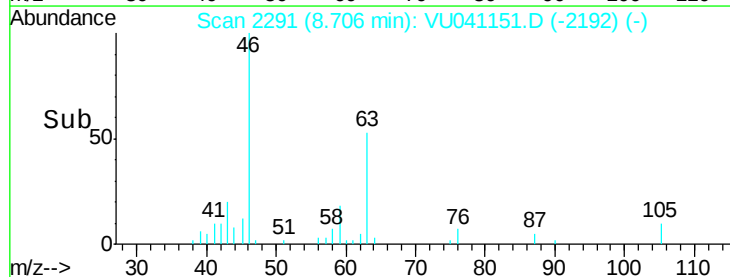


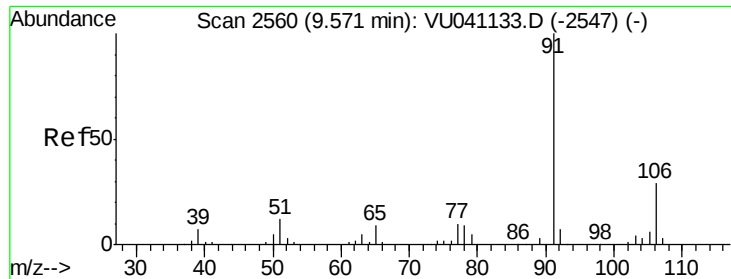
#48
2-Hexanone
Concen: 0.864 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.02 min
Lab File: VU041151.D
Acq: 09 Nov 2020 19:14

Tgt Ion: 43 Resp: 2687
Ion Ratio Lower Upper
43 100
58 33.6 41.4 62.2#
57 0.0 14.6 21.8#
100 0.0 8.3 12.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#52

Ethylbenzene

Concen: 0.063 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU041151.D

Acq: 09 Nov 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

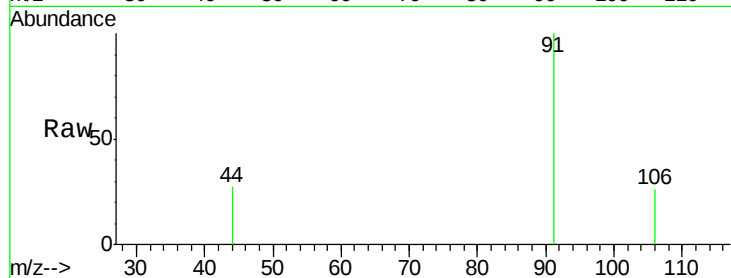
GB0W2

Tot Ion: 91 Resp: 1292

Ion Ratio Lower Upper

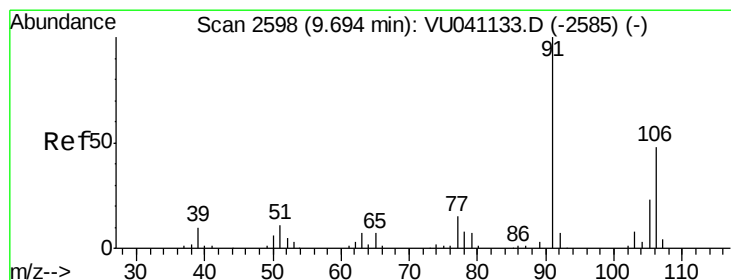
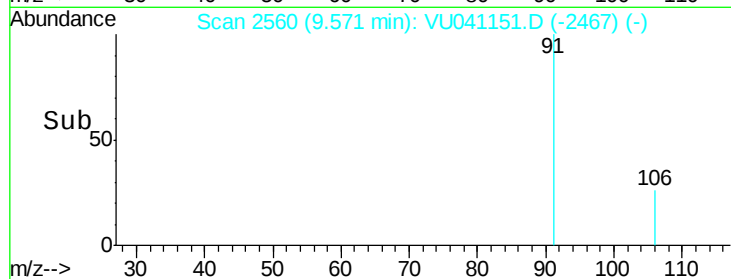
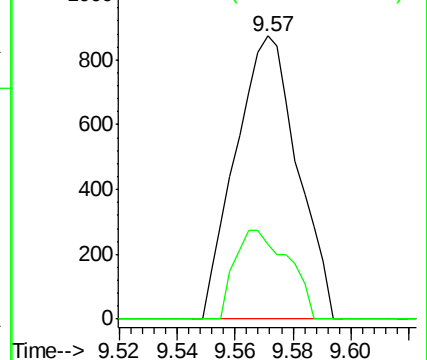
91 100

106 26.2 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-Xylene

Concen: 0.575 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU041151.D

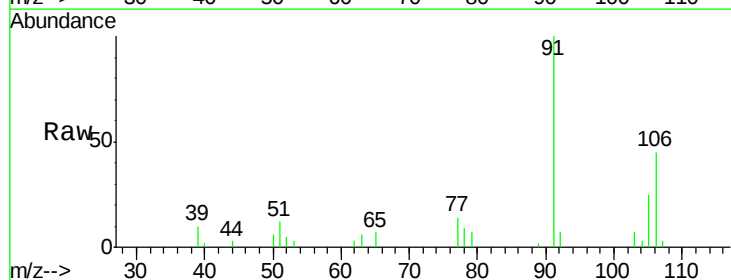
Acq: 09 Nov 2020 19:14

Tgt Ion: 106 Resp: 4282

Ion Ratio Lower Upper

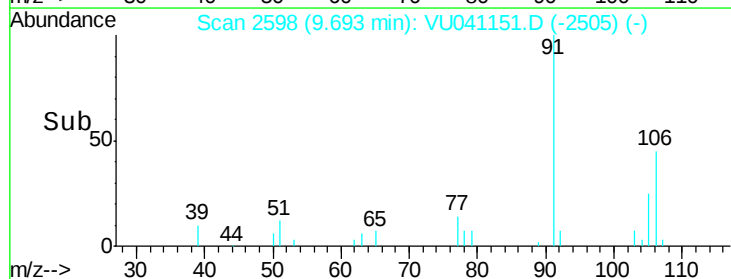
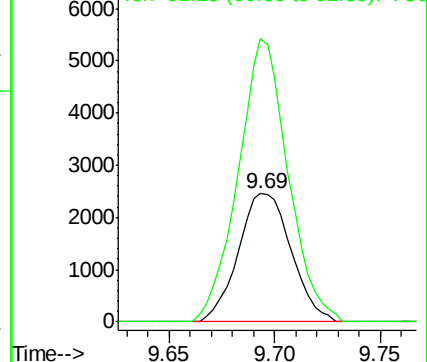
106 100

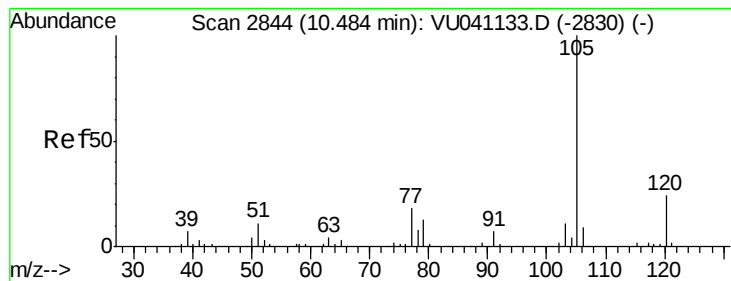
91 221.0 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.087 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU041151.D

Acq: 09 Nov 2020 19:14

Instrument :

MSVOA_U

ClientSampleId :

GB0W2

Tot Ion:105 Resp: 1631

Ion Ratio Lower Upper

105 100

120 16.0 20.7 31.1#

77 15.3 13.8 20.6

