

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040950.D
 Acq On : 26 Oct 2020 17:34
 Operator : SY/MD
 Sample : L4492-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN3

Quant Time: Oct 27 05:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56819	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14430	3.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.40%
7) Chloroethane-d5	1.92	69	14744	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.58	63	24574	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.67	46	91440	58.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	5.08	84	38109	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.72	65	23594	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	64839	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	23288	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.91	98	49129	3.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.80%
43) trans-1,3-Dichloropropene-	8.19	79	9038	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	62765	53.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.90%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23417	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	22696	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

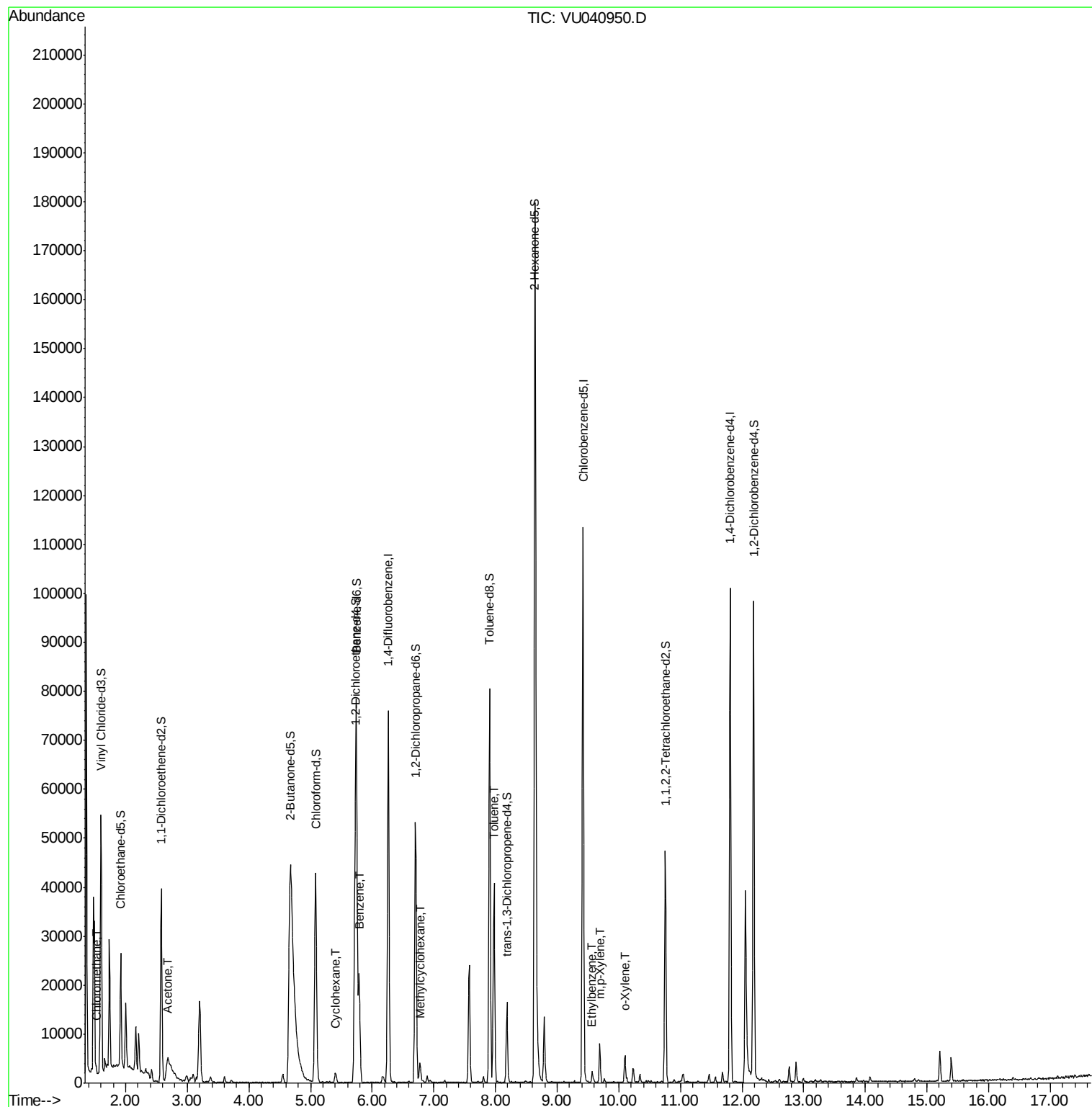
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	911	0.168	ug/L	91
13) Acetone	2.69	43	20810	19.364	ug/L	95
30) Cyclohexane	5.41	56	1035	0.150	ug/L #	84
33) Benzene	5.79	78	19610	1.146	ug/L	100
35) Methylcyclohexane	6.78	83	1362	0.210	ug/L #	85
42) Toluene	7.98	91	28717	1.656	ug/L	99
52) Ethylbenzene	9.57	91	2189	0.120	ug/L	88
53) m,p-Xylene	9.69	106	2178	0.327	ug/L	80
54) o-Xylene	10.10	106	1556	0.251	ug/L	91

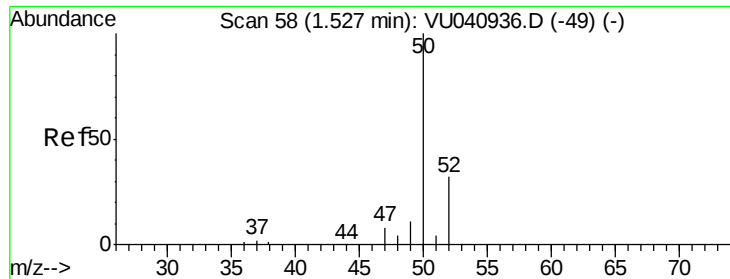
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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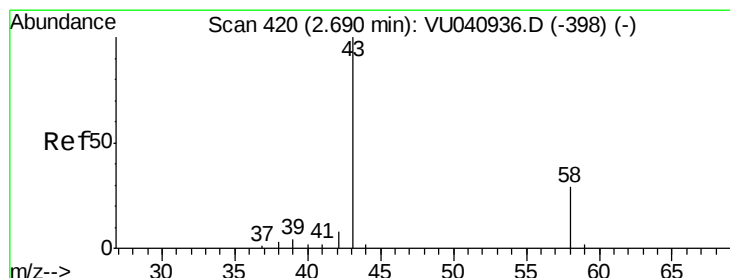
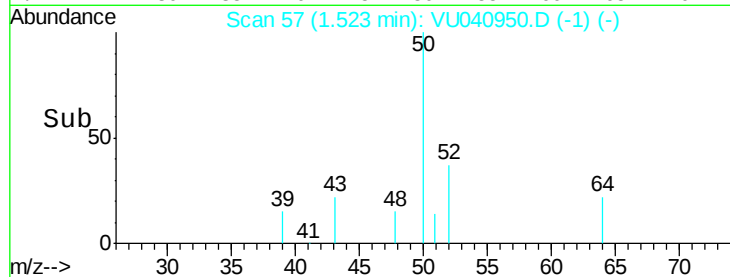
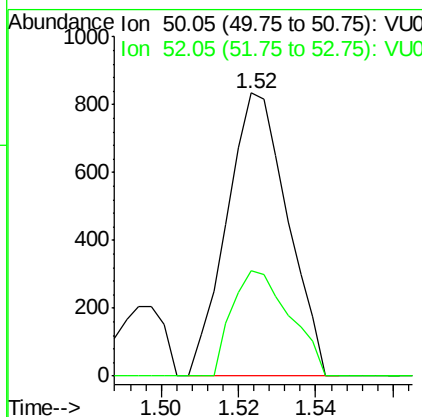
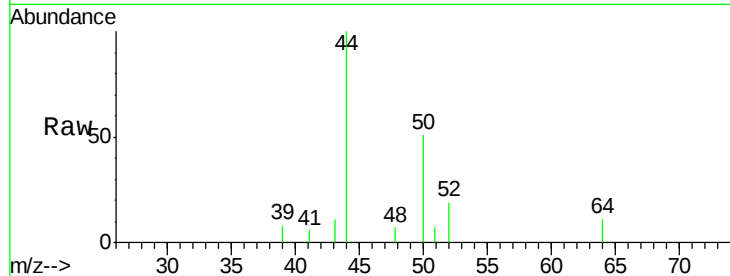




#3
 Chloromethane
 Concen: 0.168 ug/L
 RT: 1.52 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: VU040950.D
 Acq: 26 Oct 2020 17:34

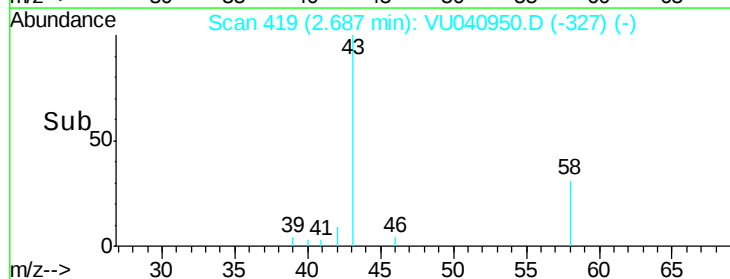
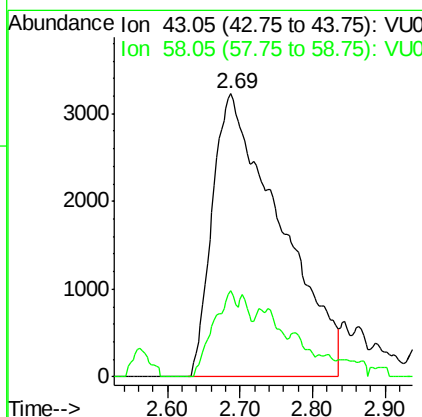
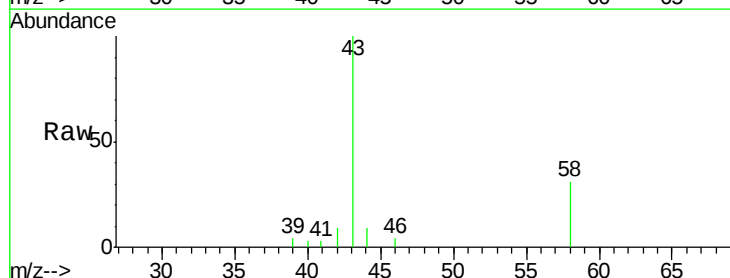
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN3

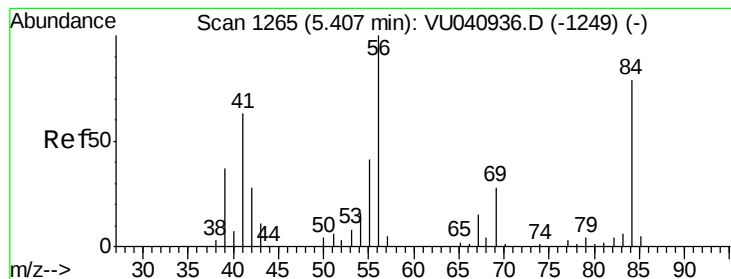
Tot Ion: 50 Resp: 911
 Ion Ratio Lower Upper
 50 100
 52 37.1 22.4 41.6



#13
 Acetone
 Concen: 19.364 ug/L
 RT: 2.69 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: VU040950.D
 Acq: 26 Oct 2020 17:34

Tgt Ion: 43 Resp: 20810
 Ion Ratio Lower Upper
 43 100
 58 10.6 0.0 25.4





#30

Cyclohexane

Concen: 0.150 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VU040950.D

Acq: 26 Oct 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

C0AN3

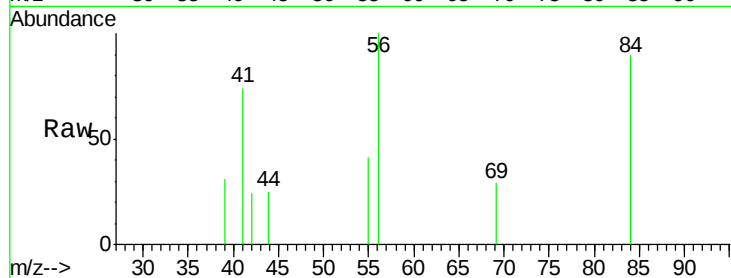
Tot Ion: 56 Resp: 1035

Ion Ratio Lower Upper

56 100

69 9.0 22.8 34.2#

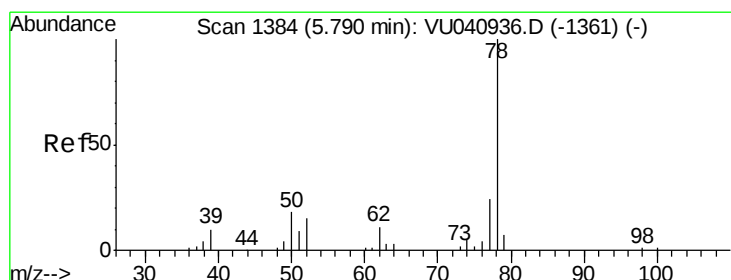
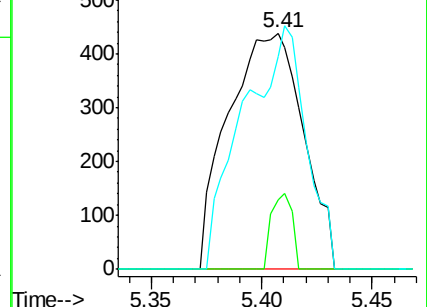
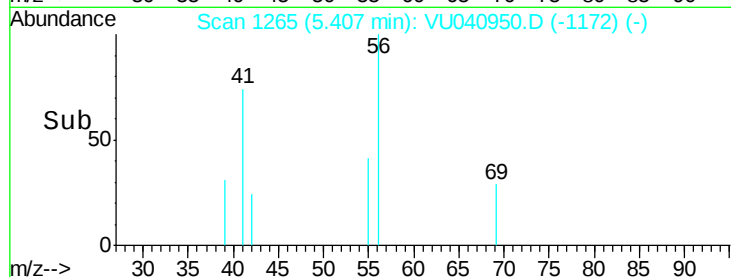
84 86.5 63.6 95.4



Abundance Ion 56.10 (55.80 to 56.80): VU040950.D (-1172) (-)

Ion 69.15 (68.85 to 69.85): VU040950.D (-1172) (-)

Ion 84.15 (83.85 to 84.85): VU040950.D (-1172) (-)



#33

Benzene

Concen: 1.146 ug/L

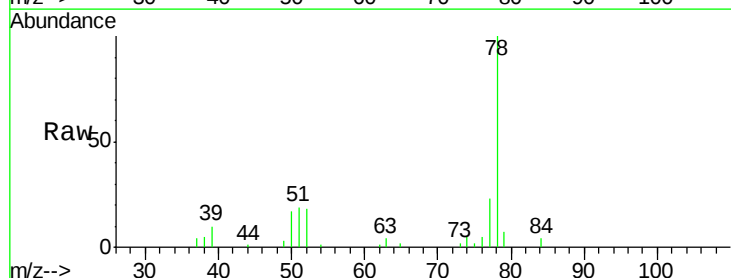
RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

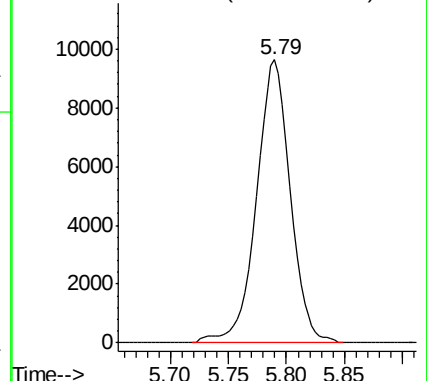
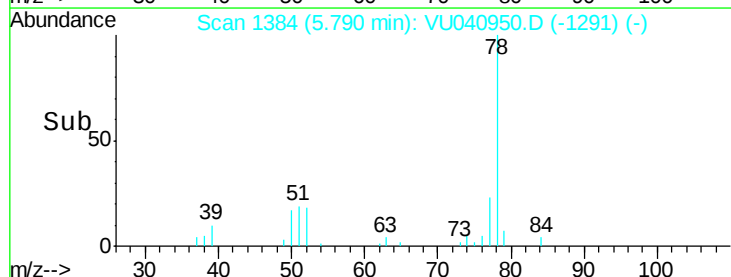
Lab File: VU040950.D

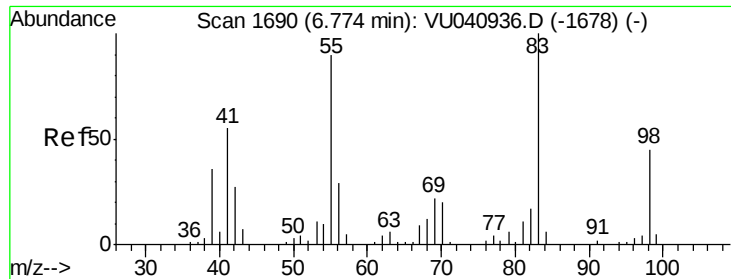
Acq: 26 Oct 2020 17:34

Tgt Ion: 78 Resp: 19610



Abundance Ion 78.10 (77.80 to 78.80): VU040950.D (-1291) (-)

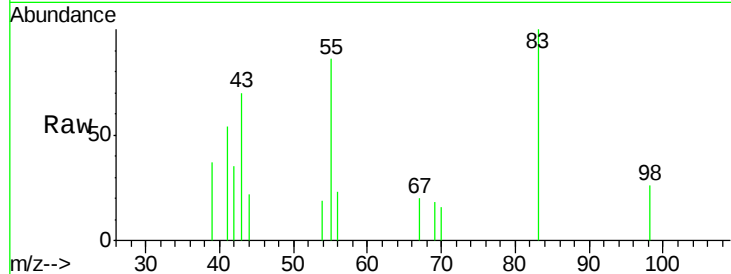




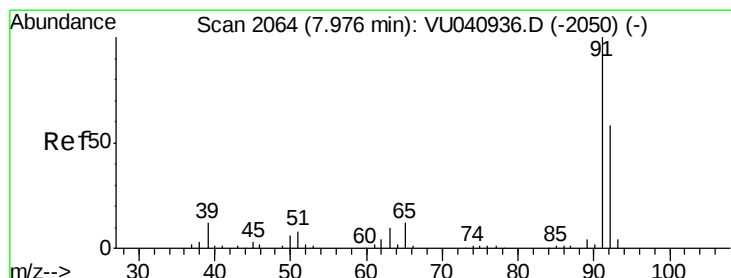
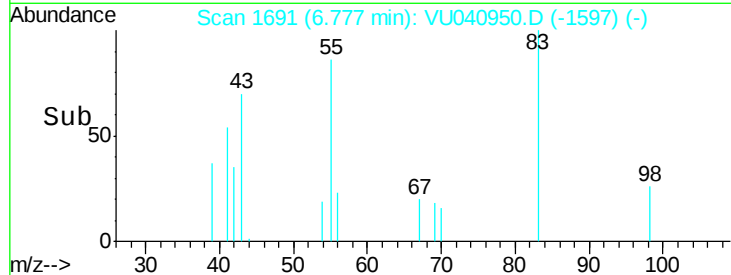
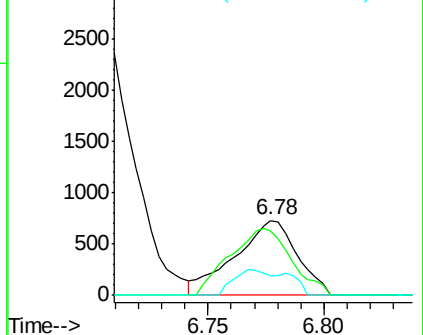
#35
Methvlcvclohexane
Concen: 0.210 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU040950.D
Acq: 26 Oct 2020 17:34

Instrument :
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C0AN3

Tot Ion: 83 Resp: 1362
Ion Ratio Lower Upper
83 100
55 87.9 72.0 108.0
98 19.3 36.6 55.0#

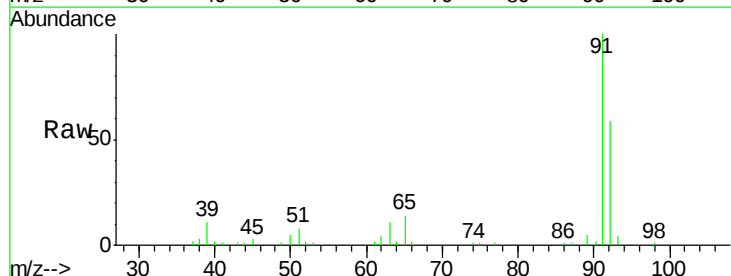


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

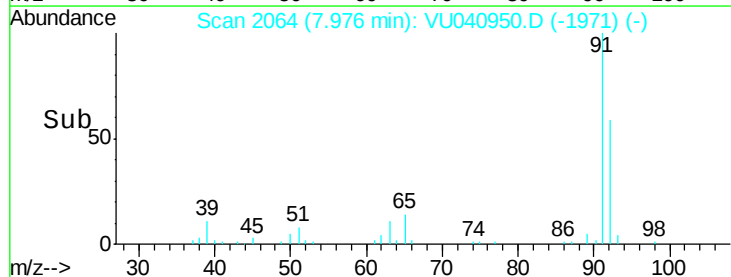
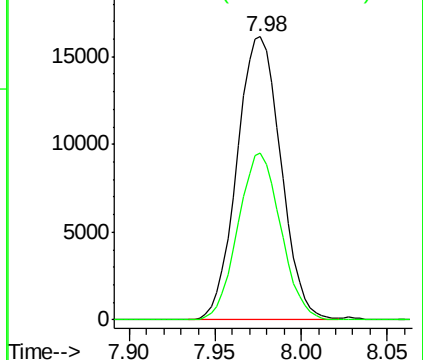


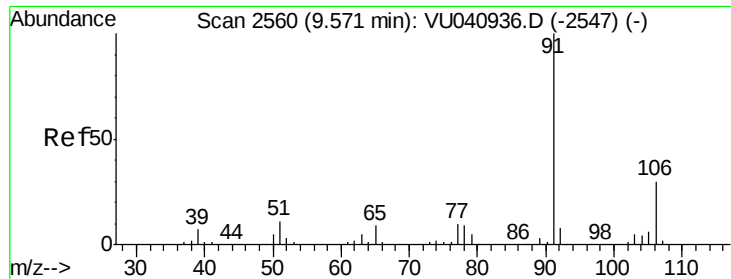
#42
Toluene
Concen: 1.656 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU040950.D
Acq: 26 Oct 2020 17:34

Tgt Ion: 91 Resp: 28717
Ion Ratio Lower Upper
91 100
92 59.0 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.120 ug/L

RT: 9.57 min Scan# 2561

Delta R.T. 0.00 min

Lab File: VU040950.D

Acq: 26 Oct 2020 17:34

Instrument :

MSVOA_U

ClientSampleId :

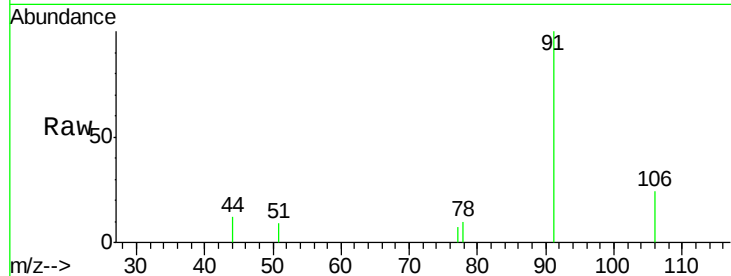
C0AN3

Tot Ion: 91 Resp: 2189

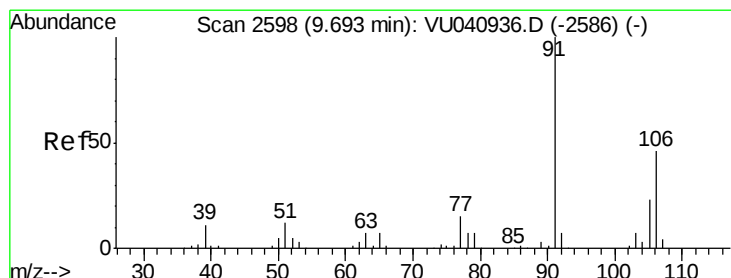
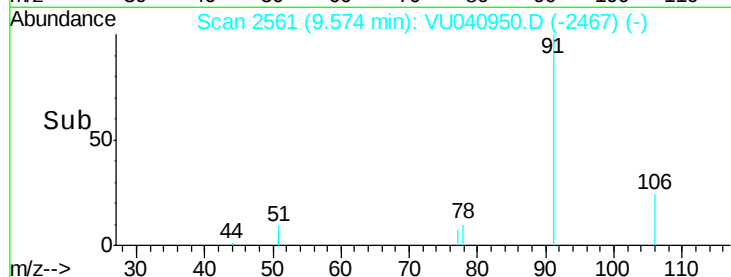
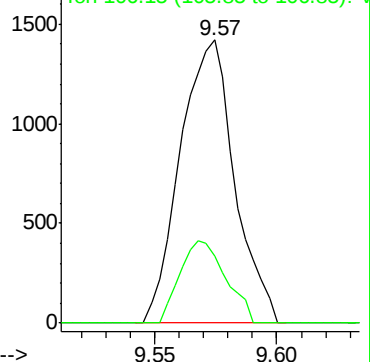
Ion Ratio Lower Upper

91 100

106 23.6 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VU040950.D (-2547) (-)



#53

m,p-Xylene

Concen: 0.327 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040950.D

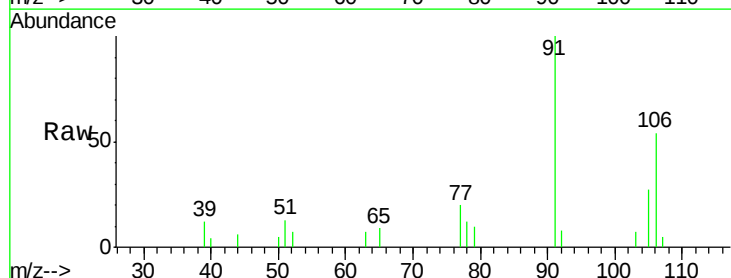
Acq: 26 Oct 2020 17:34

Tgt Ion: 106 Resp: 2178

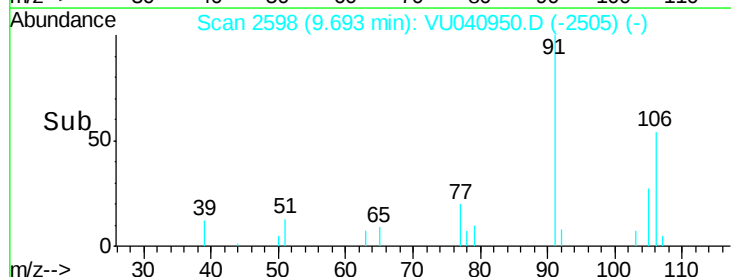
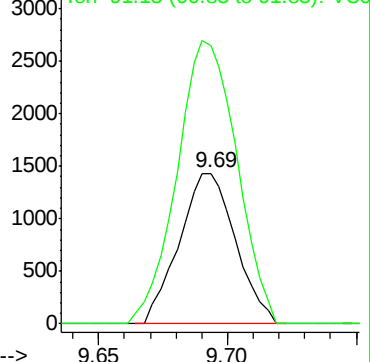
Ion Ratio Lower Upper

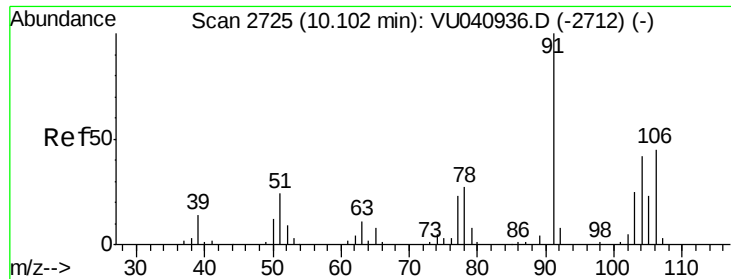
106 100

91 184.5 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): VU040950.D (-2586) (-)





#54
 o-Xylene
 Concen: 0.251 ug/L
 RT: 10.10 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VU040950.D
 Acq: 26 Oct 2020 17:34

Instrument :
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 C0AN3

Tot Ion:106 Resp: 1556
 Ion Ratio Lower Upper
 106 100
 91 206.3 154.3 286.5

