

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111020\
 Data File : VU041184.D
 Acq On : 10 Nov 2020 18:01
 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 11 02:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	52802	5.00	ug/L	0.01
28) Chlorobenzene-d5	9.42	117	53496	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.59	65	13324	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	1.92	69	12409	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.58	63	22954	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.75	46	61171	41.87	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.74%
24) Chloroform-d	5.10	84	37802	4.82	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.74	65	24741	5.09	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.75	84	62792	4.39	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	23388	5.02	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	50484	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.19	79	8736	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.65	63	50247	46.22	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.44%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	21695	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23771	5.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.60%

Target Compounds

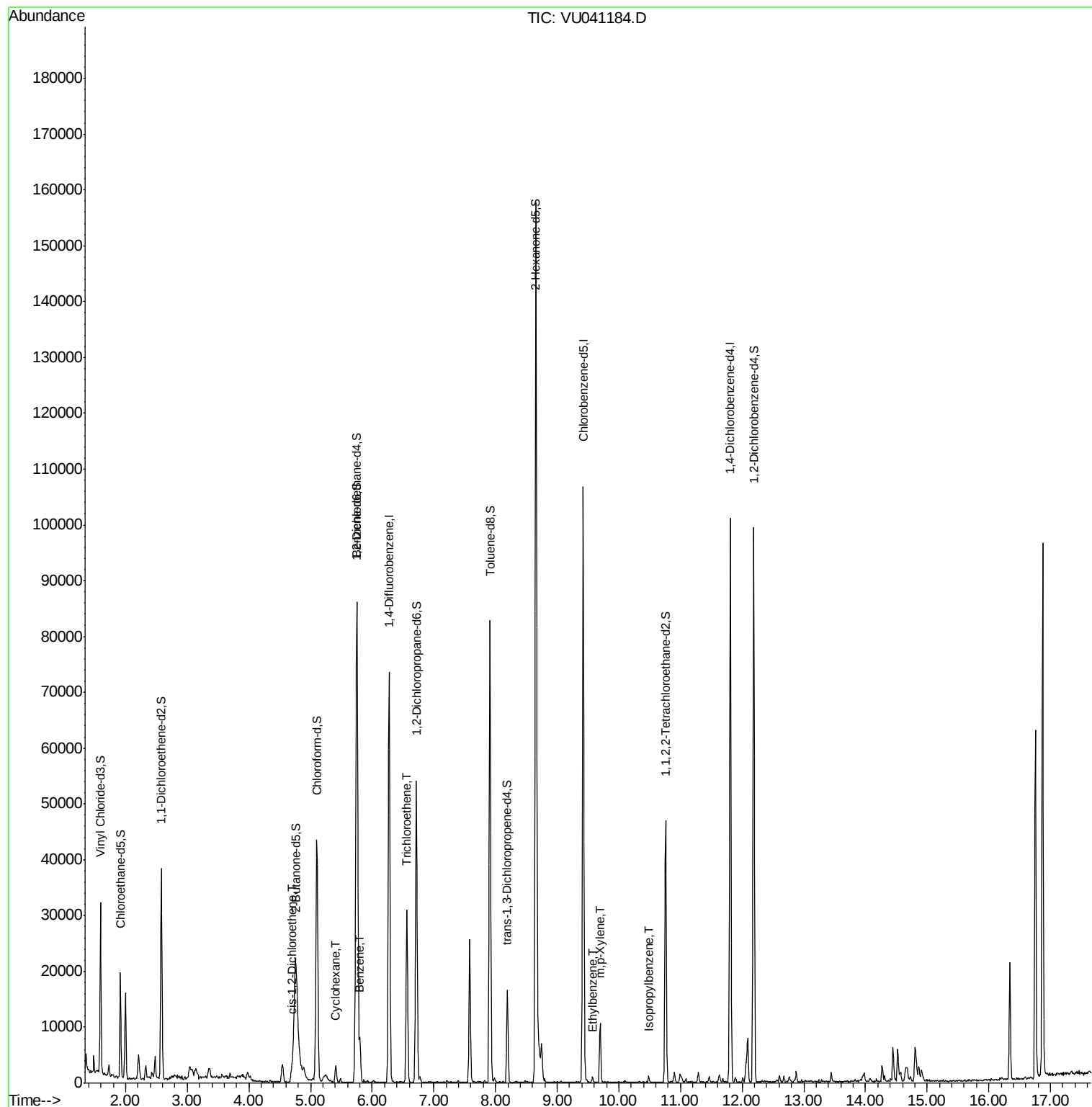
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
22) cis-1,2-Dichloroethene	4.70	96	1261	0.323	ug/L	87
30) Cyclohexane	5.41	56	1440	0.223	ug/L #	92
33) Benzene	5.80	78	7110	0.445	ug/L	100
34) Trichloroethene	6.56	95	9879	2.429	ug/L	95
52) Ethylbenzene	9.57	91	875	0.051	ug/L	96
53) m,p-Xylene	9.70	106	2846	0.457	ug/L	93
56) Isopropylbenzene	10.49	105	1071	0.069	ug/L #	86

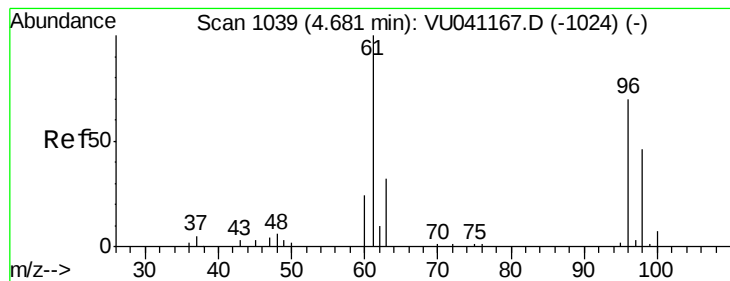
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.323 ug/L

RT: 4.70 min Scan# 1044

Delta R.T. 0.02 min

Lab File: VU041184.D

Acq: 10 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

GB0W2

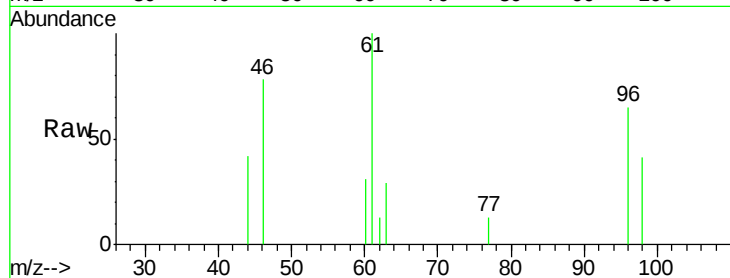
Tot Ion: 96 Resp: 1261

Ion Ratio Lower Upper

96 100

61 154.0 97.2 180.4

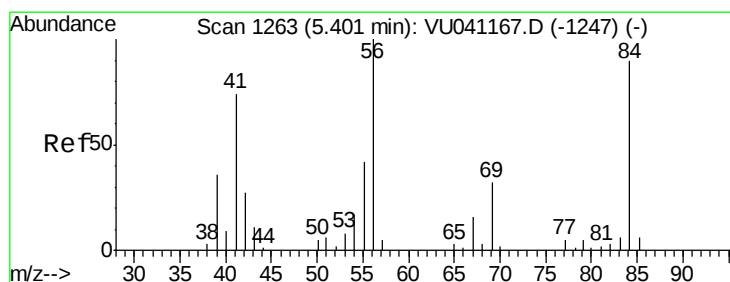
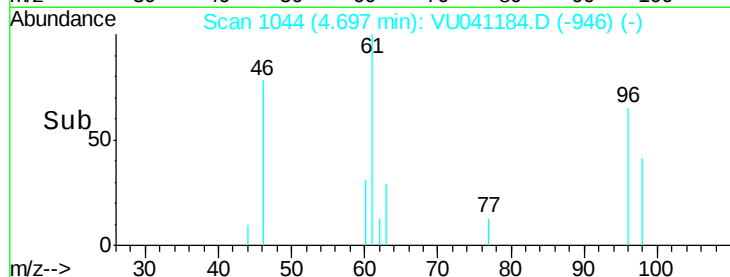
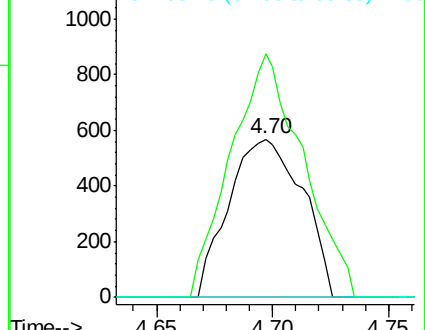
68 0.0 0.0 0.0



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: 0.223 ug/L

RT: 5.41 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VU041184.D

Acq: 10 Nov 2020 18:01

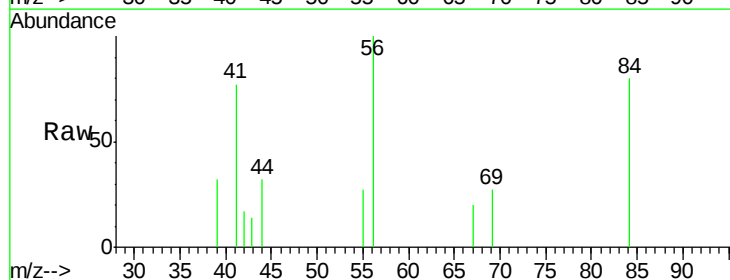
Tgt Ion: 56 Resp: 1440

Ion Ratio Lower Upper

56 100

69 21.3 22.8 34.2#

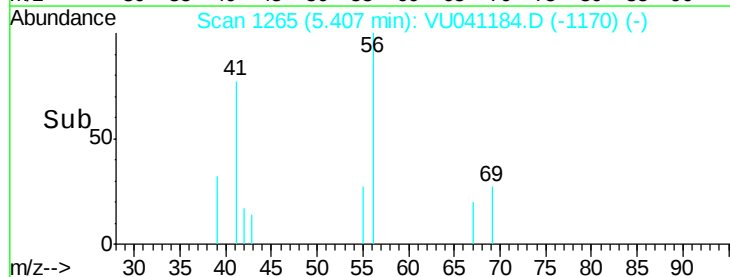
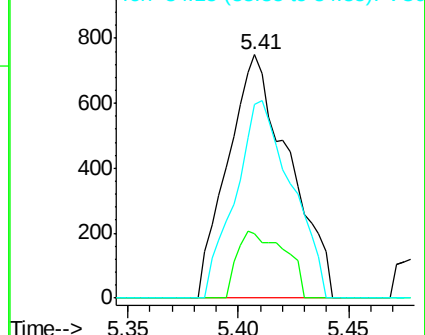
84 74.4 63.6 95.4

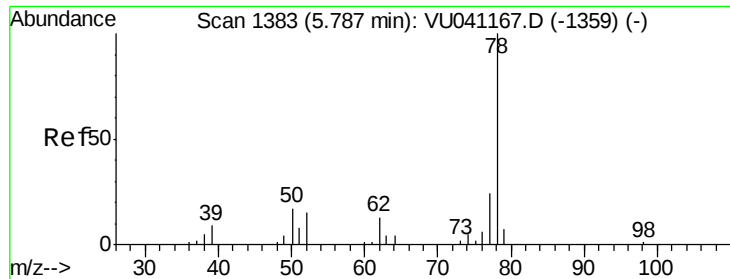


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#33

Benzene

Concen: 0.445 ug/L

RT: 5.80 min Scan# 1388

Delta R.T. 0.02 min

Lab File: VU041184.D

Acq: 10 Nov 2020 18:01

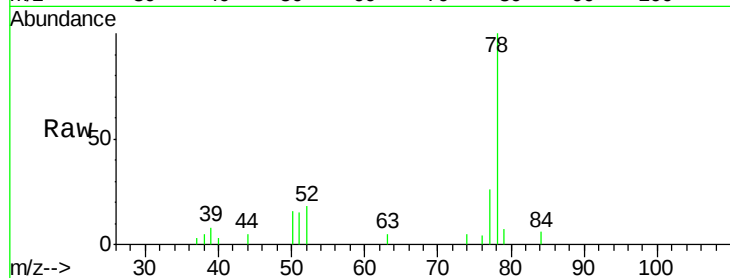
Instrument :

MSVOA_U

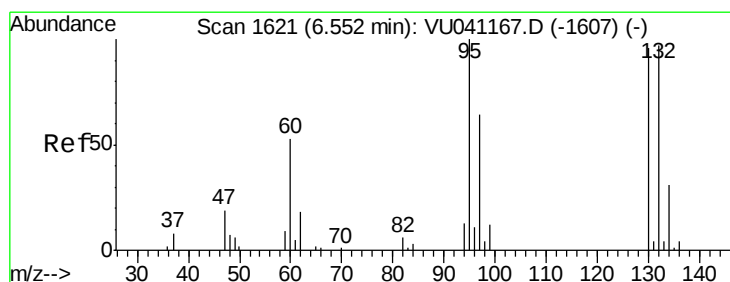
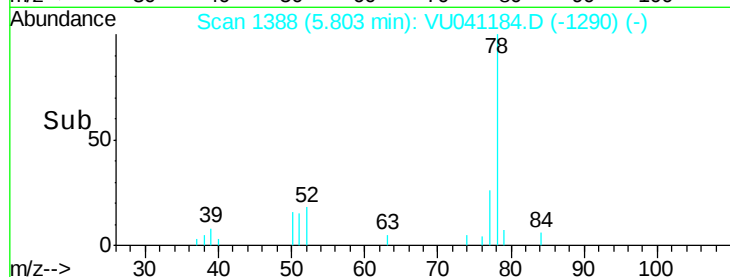
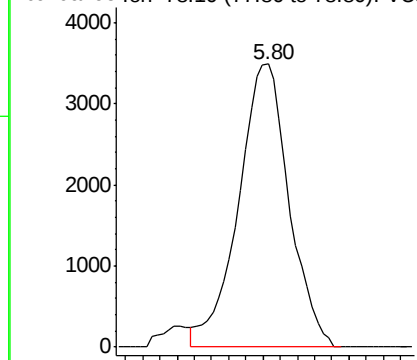
ClientSampled :

GB0W2

Tgt Ion: 78 Resp: 7110



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 2.429 ug/L

RT: 6.56 min Scan# 1624

Delta R.T. 0.01 min

Lab File: VU041184.D

Acq: 10 Nov 2020 18:01

Tgt Ion: 95 Resp: 9879

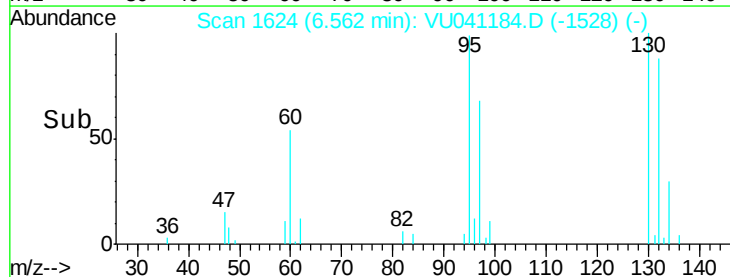
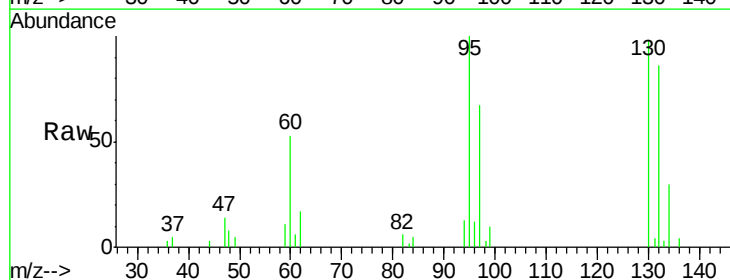
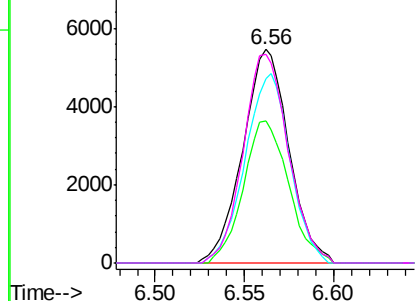
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.6	84.6
132	86.3	64.8	120.4
130	97.7	64.8	120.4

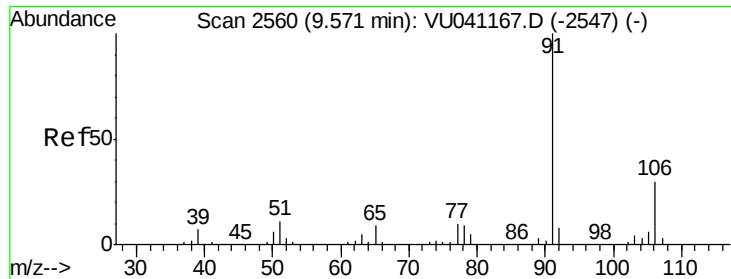
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

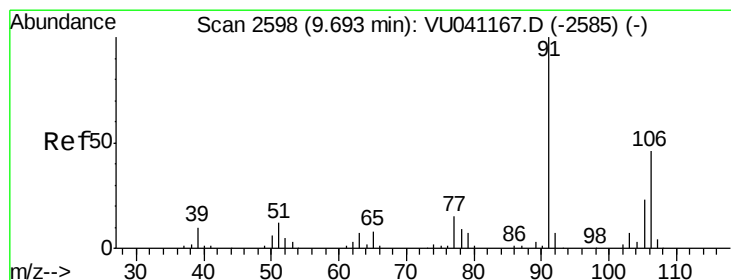
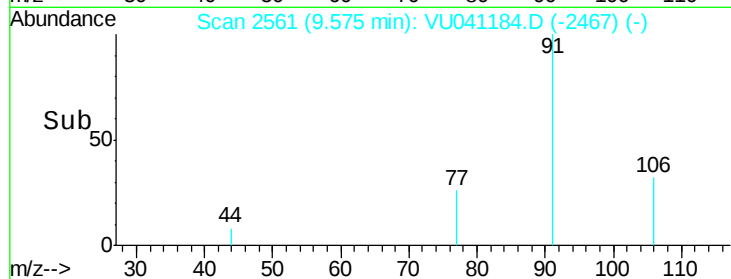
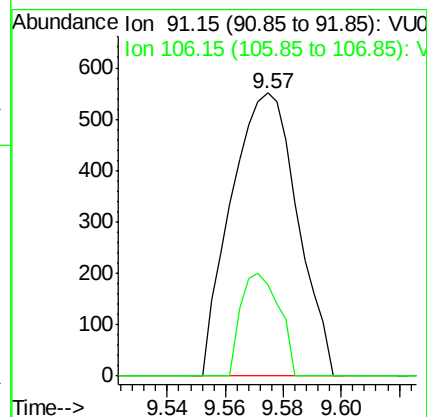
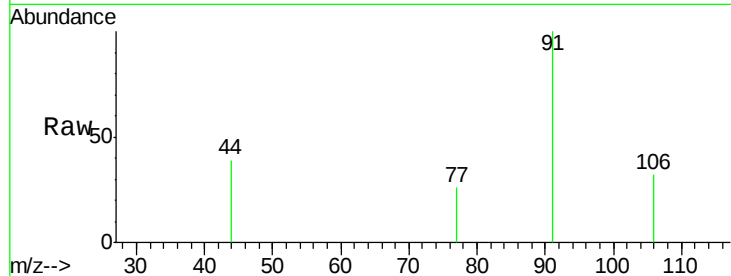




#52
Ethylbenzene
Concen: 0.051 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU041184.D
Acq: 10 Nov 2020 18:01

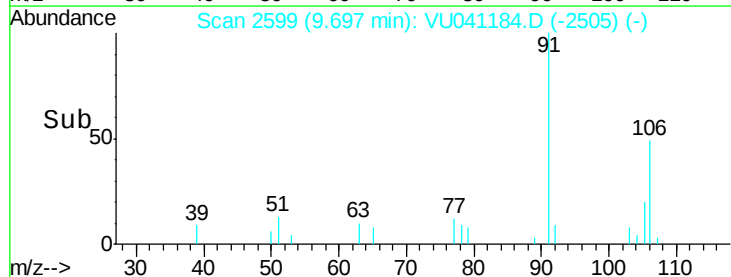
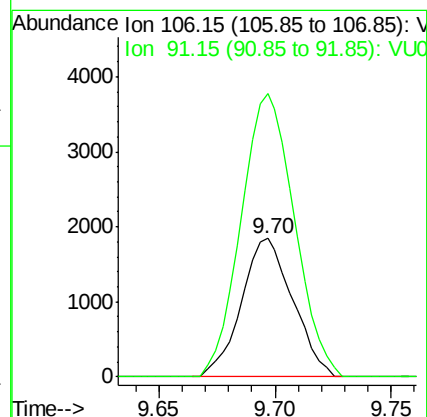
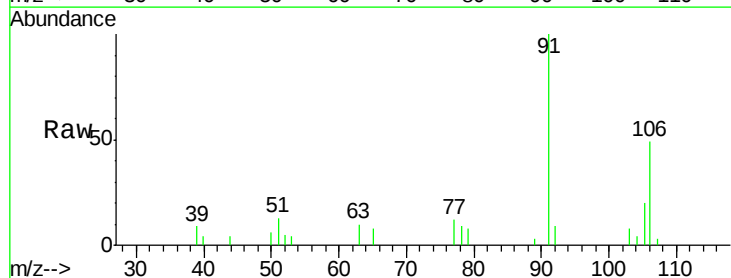
Instrument :
MSVOA_U
ClientSampleId :
GB0W2

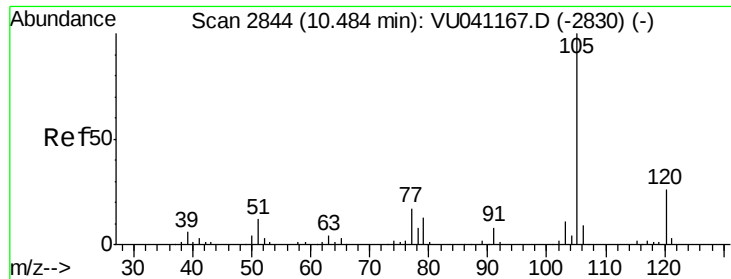
Tot Ion: 91 Resp: 875
Ion Ratio Lower Upper
91 100
106 32.3 21.0 39.0



#53
m,p-Xylene
Concen: 0.457 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU041184.D
Acq: 10 Nov 2020 18:01

Tgt Ion: 106 Resp: 2846
Ion Ratio Lower Upper
106 100
91 204.1 150.9 280.3





#56

Isopropylbenzene

Concen: 0.069 ug/L

RT: 10.49 min Scan# 2845

Delta R.T. 0.00 min

Lab File: VU041184.D

Acq: 10 Nov 2020 18:01

Instrument :

MSVOA_U

ClientSampleId :

GB0W2

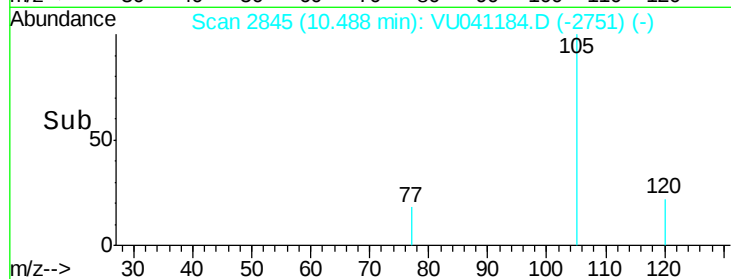
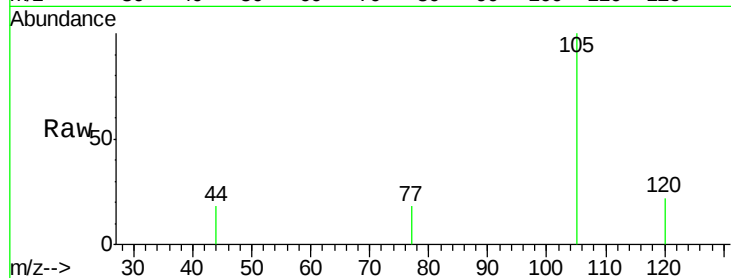
Tot Ion:105 Resp: 1071

Ion Ratio Lower Upper

105 100

120 19.1 20.7 31.1#

77 11.0 13.8 20.6#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V

