

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102120\
 Data File : VU040884.D
 Acq On : 21 Oct 2020 19:50
 Operator : SY/MD
 Sample : L4428-17MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50MS

Quant Time: Oct 22 02:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 22 00:42:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	224914	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	234761	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	95321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	74076	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.92	69	64850	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	157754	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.65	46	355204	64.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.76%
24) Chloroform-d	5.08	84	167313	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.72	65	103960	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.74	84	290944	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	104608	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.91	98	228704	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	8.19	79	43353	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.64	63	264006	62.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	100109	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	96711	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

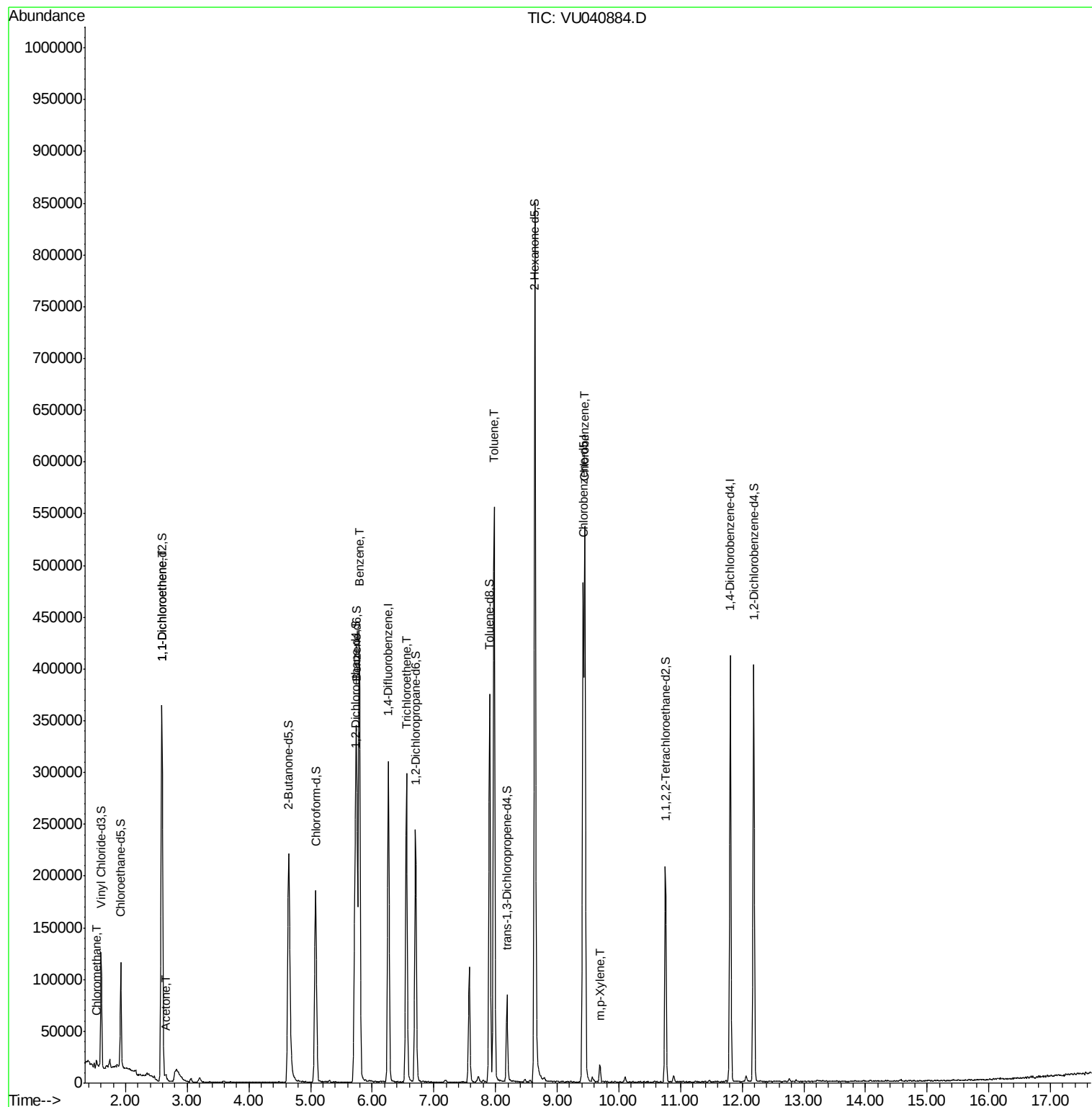
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	4216	0.170	ug/L	95
12) 1,1-Dichloroethene	2.59	96	81976	4.976	ug/L	96
13) Acetone	2.65	43	9029	2.347	ug/L	73
33) Benzene	5.79	78	384120	5.090	ug/L	100
34) Trichloroethene	6.55	95	99385	5.174	ug/L	93
42) Toluene	7.98	91	381063	5.027	ug/L	96
51) Chlorobenzene	9.45	112	259088	5.293	ug/L	99
53) m,p-Xylene	9.69	106	4237	0.144	ug/L	93

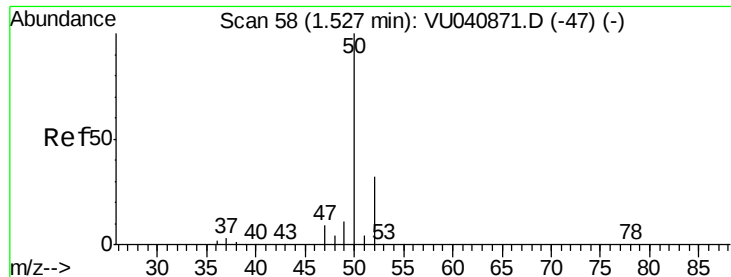
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.170 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040884.D

Acq: 21 Oct 2020 19:50

Instrument :

MSVOA_U

ClientSampleId :

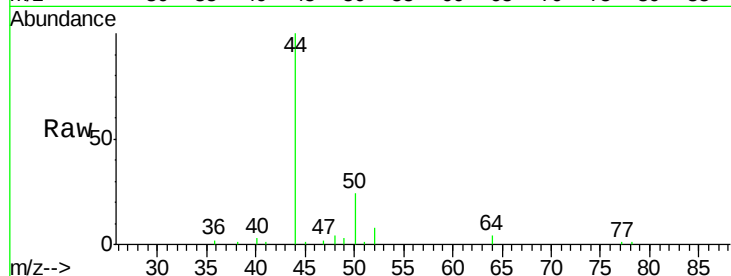
ETZ50MS

Tot Ion: 50 Resp: 4216

Ion Ratio Lower Upper

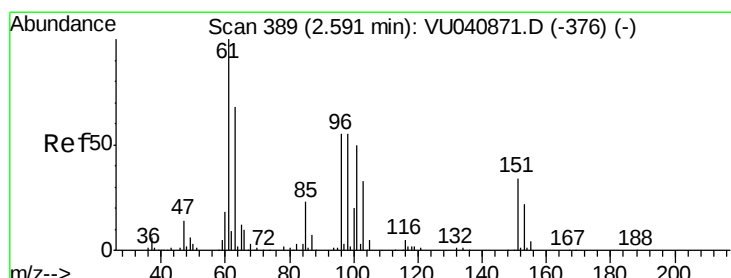
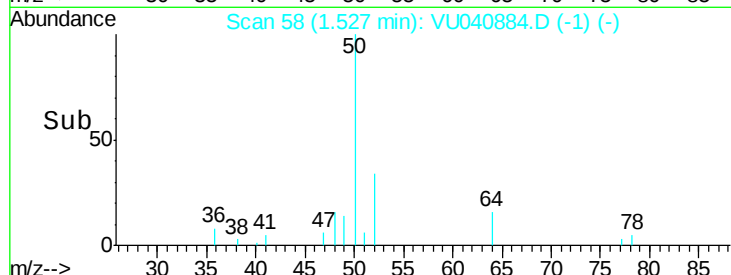
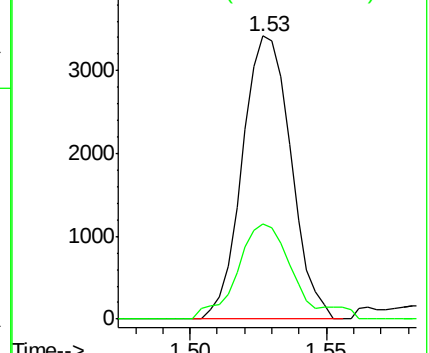
50 100

52 33.8 21.8 40.6



Abundance Ion 50.05 (49.75 to 50.75): VU040884.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040884.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 4.976 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040884.D

Acq: 21 Oct 2020 19:50

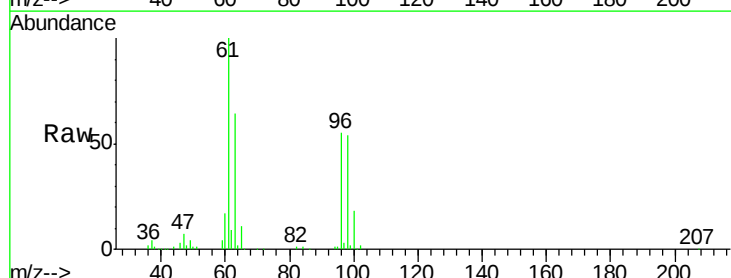
Tgt Ion: 96 Resp: 81976

Ion Ratio Lower Upper

96 100

61 181.5 130.9 243.1

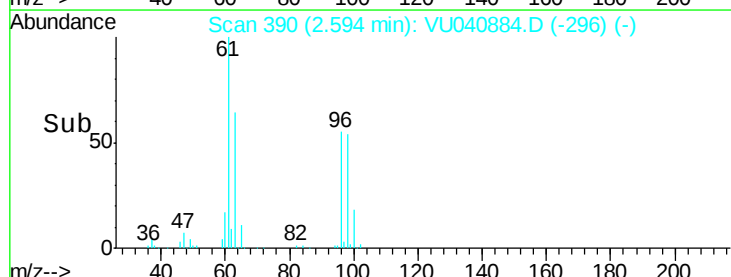
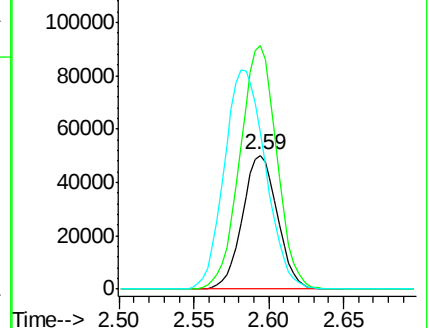
63 117.1 85.4 158.6

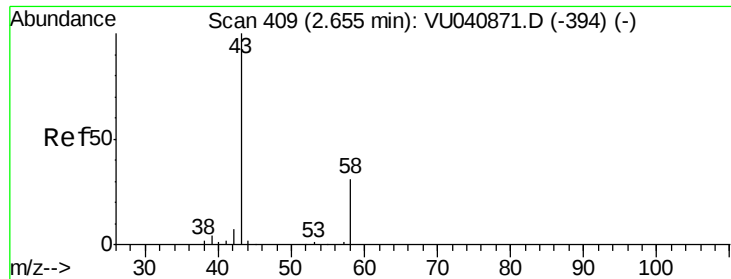


Abundance Ion 96.00 (95.70 to 96.70): VU040884.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VU040884.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VU040884.D (-296) (-)





#13

Acetone

Concen: 2.347 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.01 min

Lab File: VU040884.D

Acq: 21 Oct 2020 19:50

Instrument :

MSVOA_U

ClientSampleId :

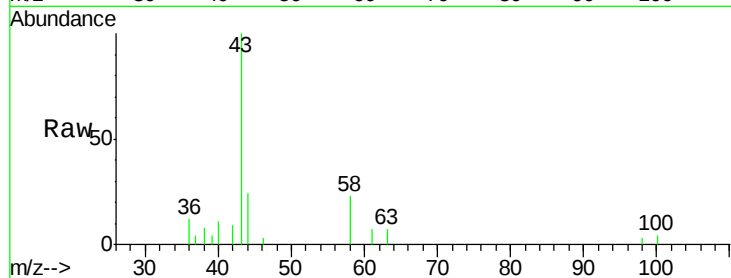
ETZ50MS

Tot Ion: 43 Resp: 9029

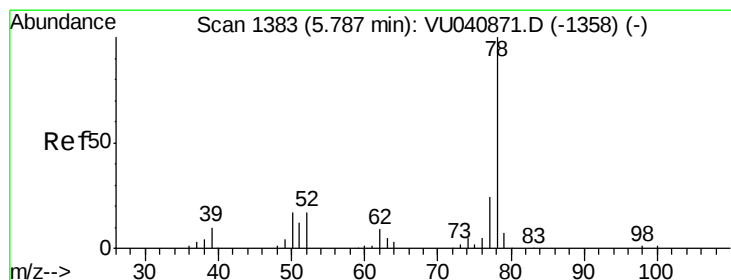
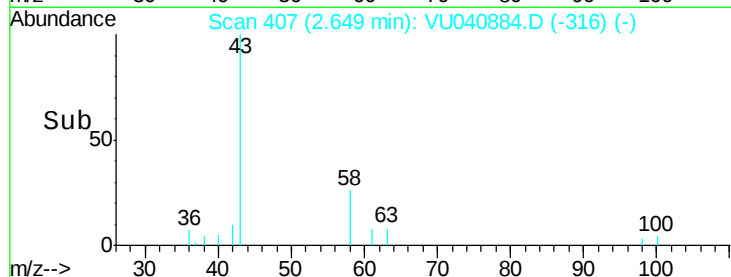
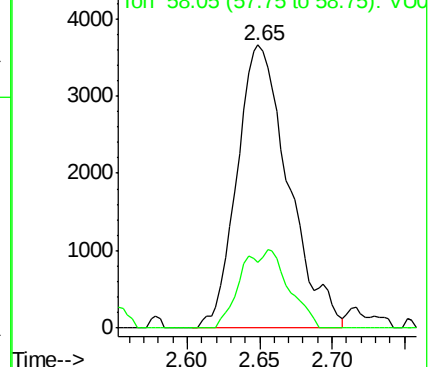
Ion Ratio Lower Upper

43 100

58 15.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU040884.D (-316) (-)



#33

Benzene

Concen: 5.090 ug/L

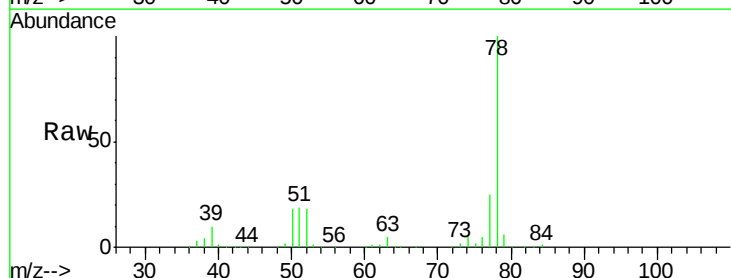
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

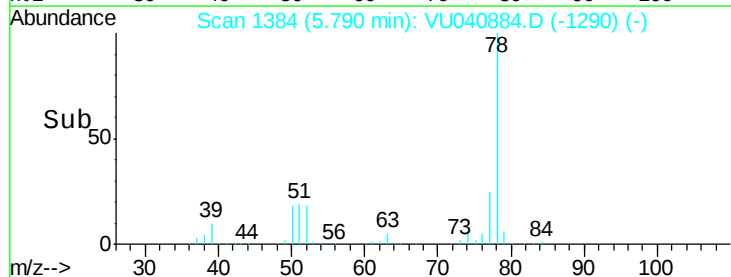
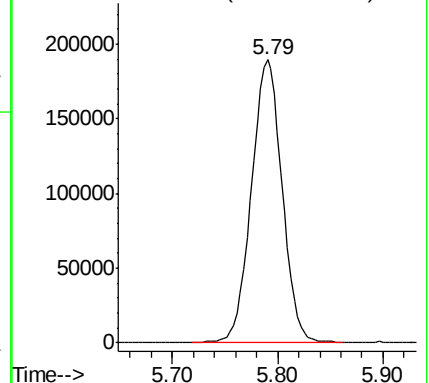
Lab File: VU040884.D

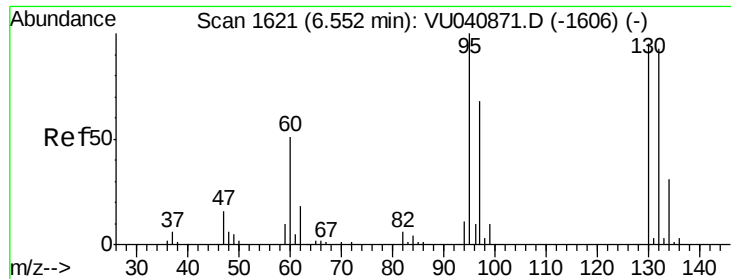
Acq: 21 Oct 2020 19:50

Tgt Ion: 78 Resp: 384120



Abundance Ion 78.10 (77.80 to 78.80): VU040884.D (-1290) (-)

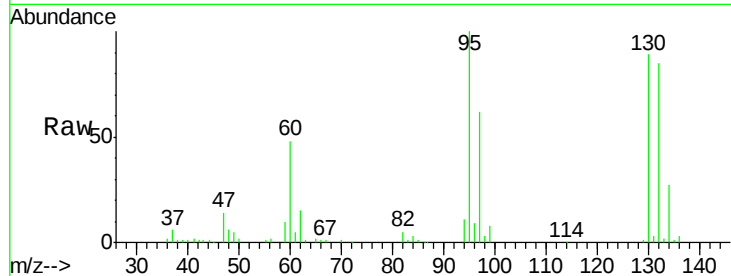




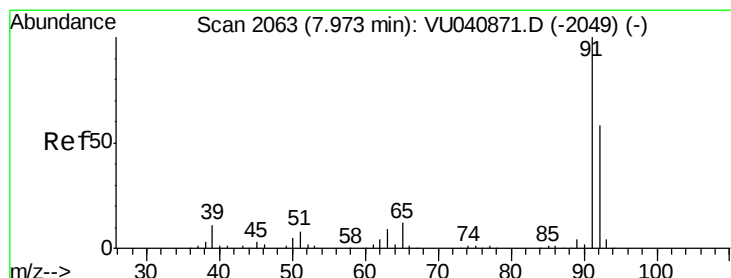
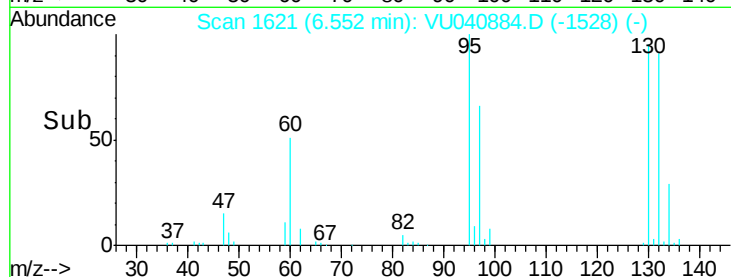
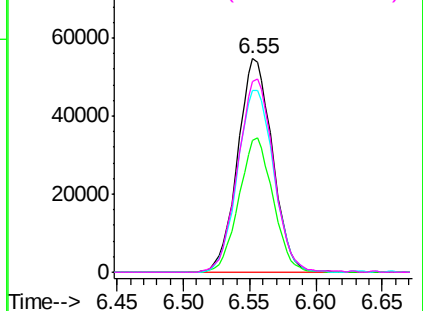
#34
 Trichloroethene
 Concen: 5.174 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040884.D
 Acq: 21 Oct 2020 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50MS

Tot Ion: 95 Resp: 99385
 Ion Ratio Lower Upper
 95 100
 97 62.0 46.0 85.4
 132 84.9 63.6 118.2
 130 89.3 68.6 127.4

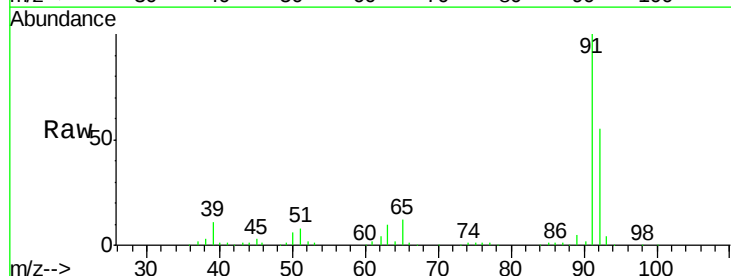


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

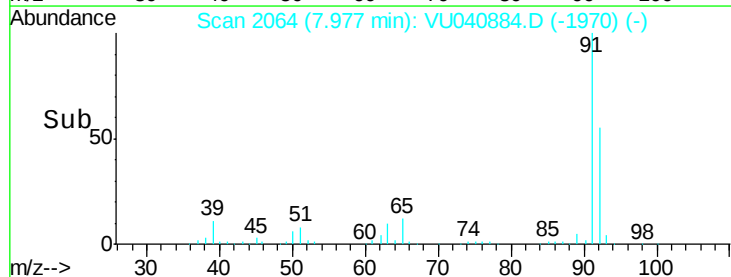
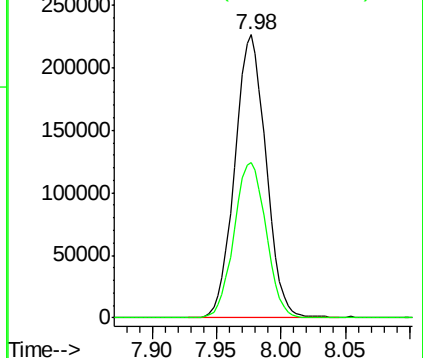


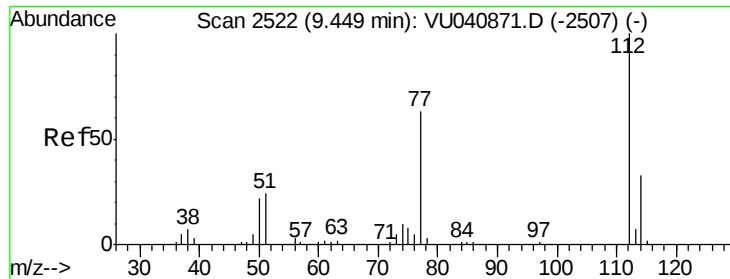
#42
 Toluene
 Concen: 5.027 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040884.D
 Acq: 21 Oct 2020 19:50

Tgt Ion: 91 Resp: 381063
 Ion Ratio Lower Upper
 91 100
 92 55.0 40.6 75.4



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





#51

Chlorobenzene

Concen: 5.293 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040884.D

Acq: 21 Oct 2020 19:50

Instrument :

MSVOA_U

ClientSampleId :

ETZ50MS

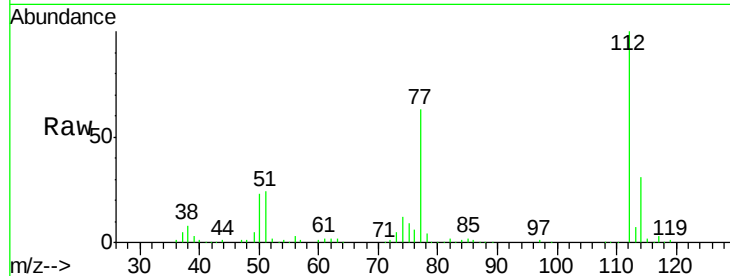
Tot Ion:112 Resp: 259088

Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.3

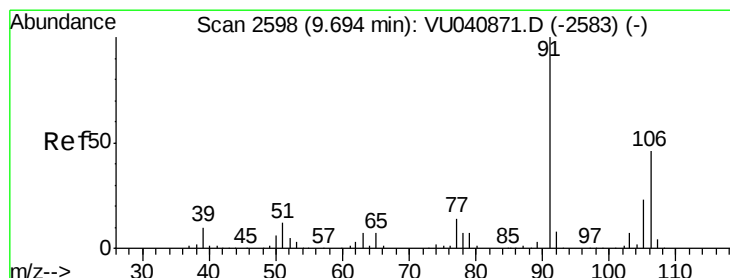
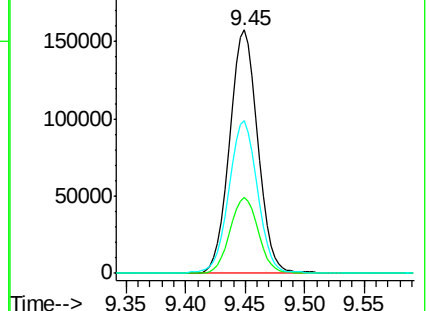
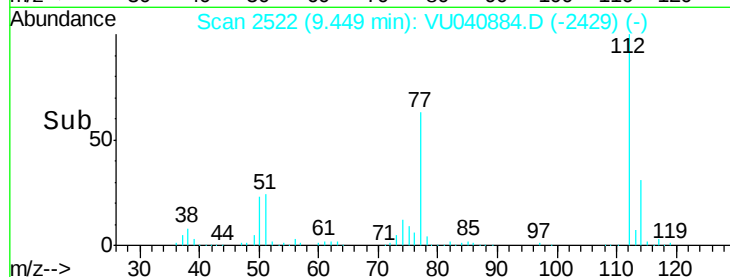
77 62.7 49.8 74.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#53

m,p-Xylene

Concen: 0.144 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU040884.D

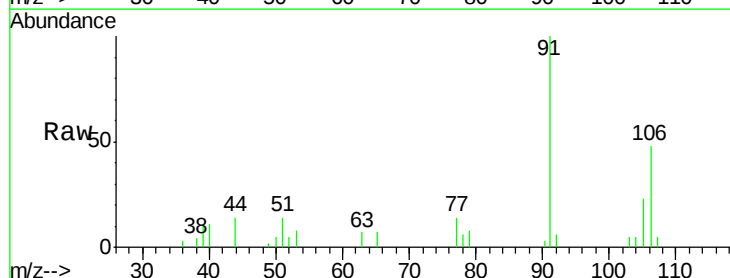
Acq: 21 Oct 2020 19:50

Tgt Ion:106 Resp: 4237

Ion Ratio Lower Upper

106 100

91 208.1 153.3 284.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): V

