

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040130.D
 Acq On : 14 Sep 2020 19:55
 Operator : SY/MD
 Sample : L4001-06MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP2MSD

Quant Time: Sep 15 03:40:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48751	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29729	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.92	69	25062	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	72991	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.66	46	106040	44.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.68%
24) Chloroform-d	5.08	84	59679	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	36757	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.74	84	113351	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	36672	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.80%
41) Toluene-d8	7.90	98	92270	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	8.18	79	14136	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.64	63	77170	41.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31792	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	35844	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

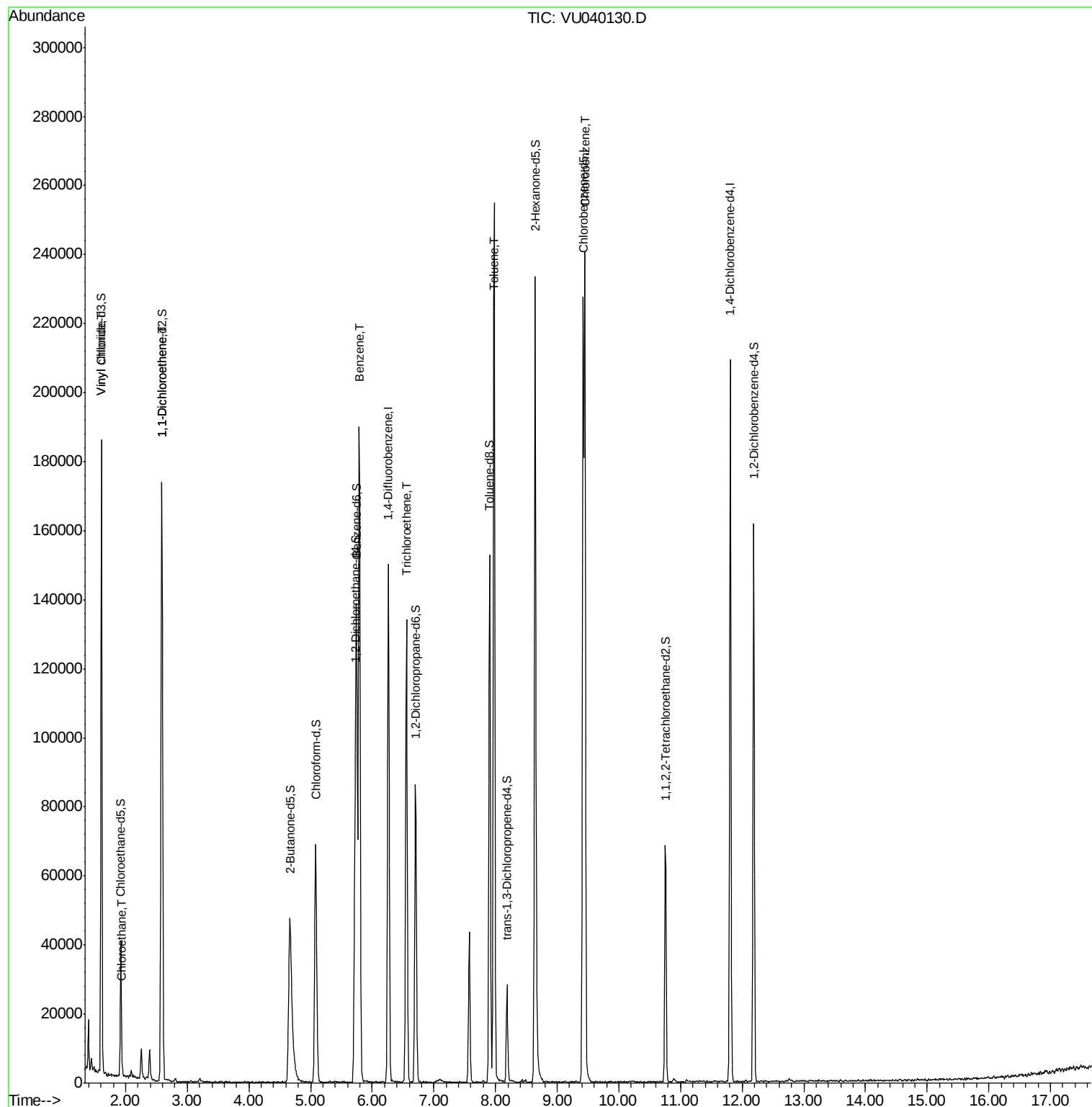
					Ovalue
5) Vinyl chloride	1.61	62	94094	8.919	ug/L 98
8) Chloroethane	1.94	64	1400	0.221	ug/L 90
12) 1,1-Dichloroethene	2.59	96	39865	4.704	ug/L 93
33) Benzene	5.79	78	167649	4.265	ug/L 100
34) Trichloroethene	6.55	95	45035	4.271	ug/L 98
42) Toluene	7.98	91	168212	4.155	ug/L 97
51) Chlorobenzene	9.45	112	113280	4.507	ug/L 98

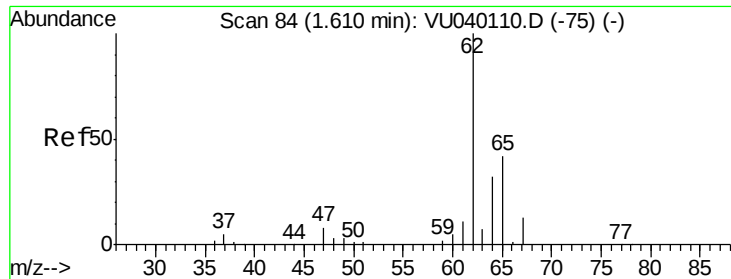
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.919 ug/L

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040130.D

Acq: 14 Sep 2020 19:55

Instrument :

MSVOA_U

ClientSampleId :

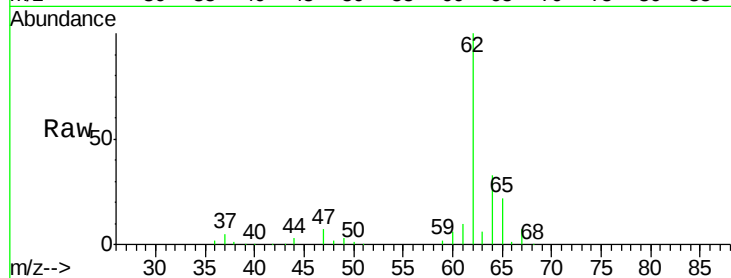
ETYP2MSD

Tot Ion: 62 Resp: 94094

Ion Ratio Lower Upper

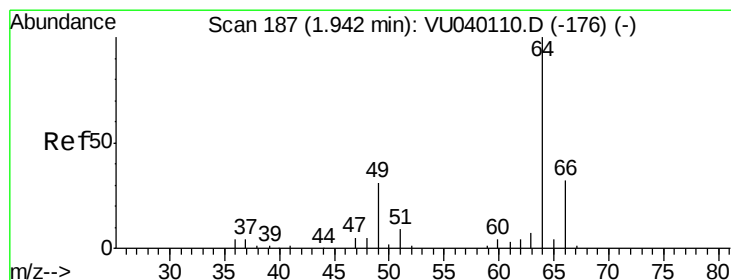
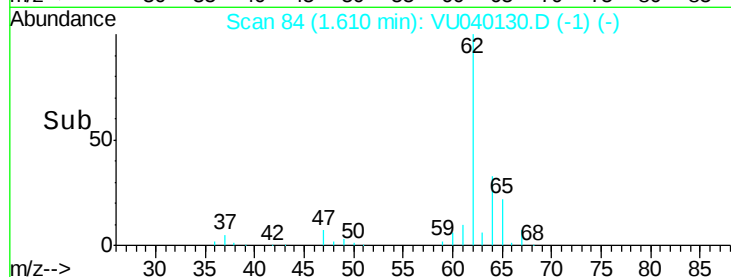
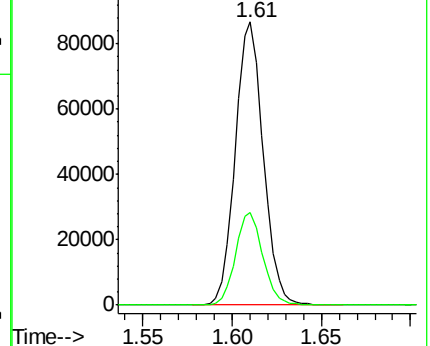
62 100

64 32.7 23.9 44.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#8

Chloroethane

Concen: 0.221 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040130.D

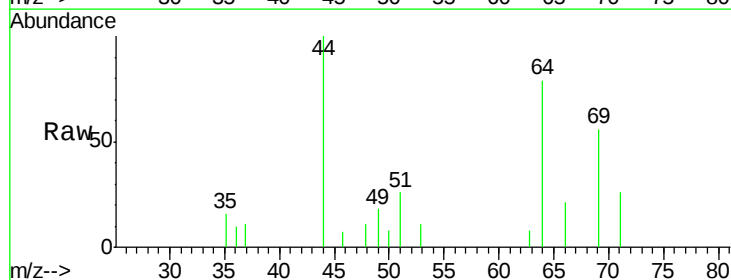
Acq: 14 Sep 2020 19:55

Tgt Ion: 64 Resp: 1400

Ion Ratio Lower Upper

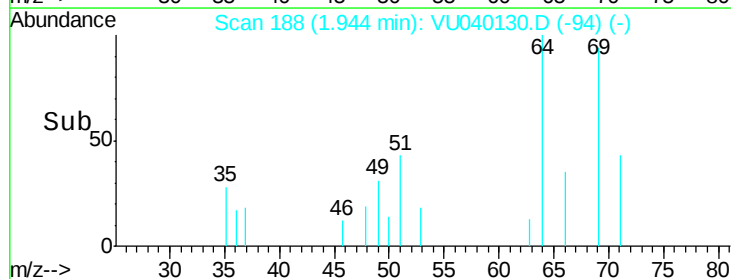
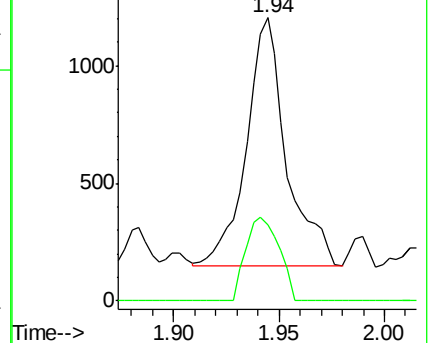
64 100

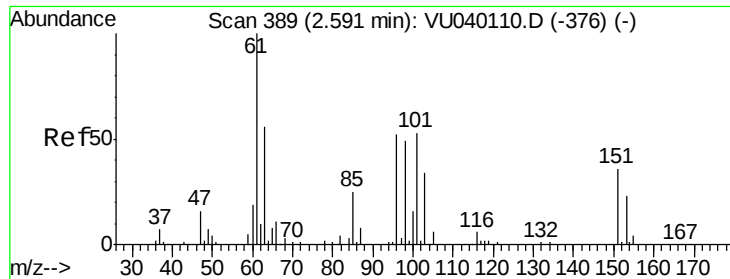
66 26.8 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#12

1,1-Dichloroethene

Concen: 4.704 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040130.D

Acq: 14 Sep 2020 19:55

Instrument :

MSVOA_U

ClientSampleId :

ETYP2MSD

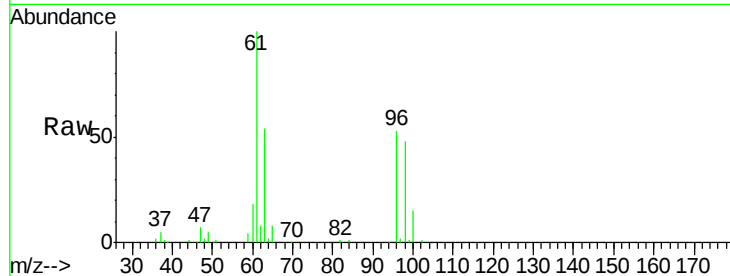
Tot Ion: 96 Resp: 39865

Ion Ratio Lower Upper

96 100

61 187.8 138.3 256.8

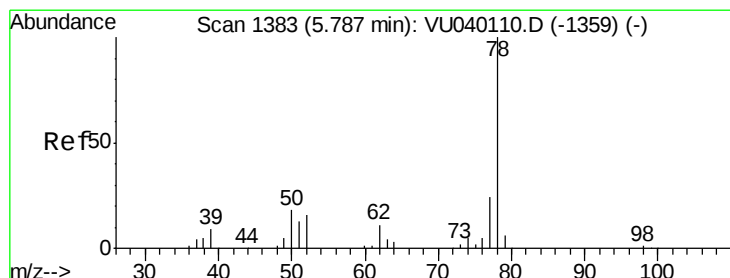
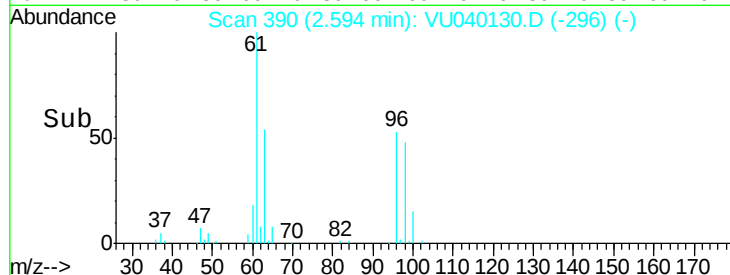
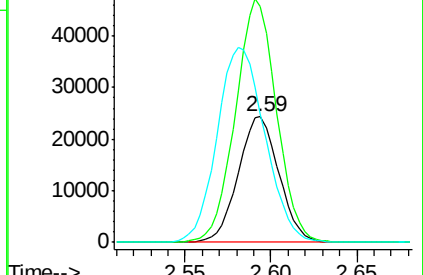
63 101.9 77.6 144.2



Abundance Ion 96.00 (95.70 to 96.70): VU040110.D (-376) (-)

Ion 61.05 (60.75 to 61.75): VU040110.D (-376) (-)

Ion 63.00 (62.70 to 63.70): VU040110.D (-376) (-)



#33

Benzene

Concen: 4.265 ug/L

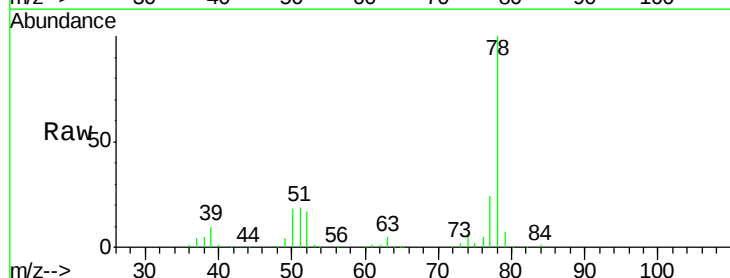
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU040130.D

Acq: 14 Sep 2020 19:55

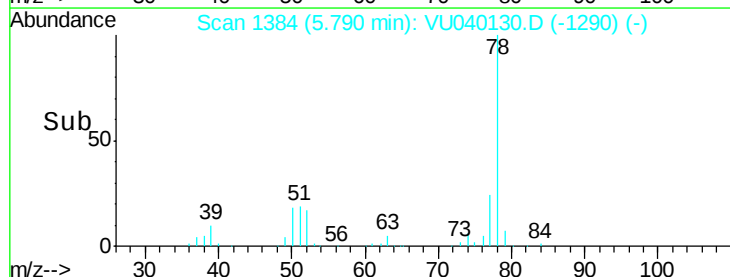
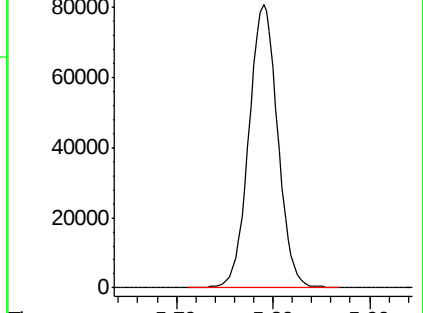
Tgt Ion: 78 Resp: 167649

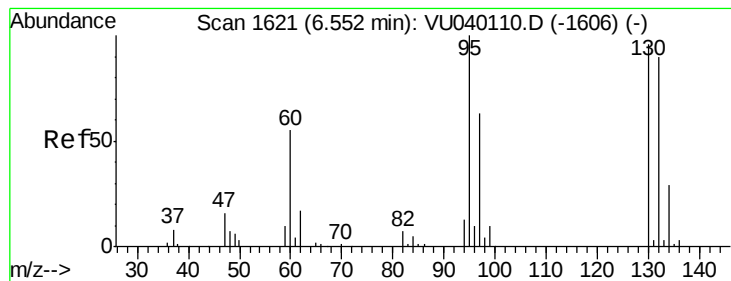


Abundance Ion 78.10 (77.80 to 78.80): VU040110.D (-1359) (-)

Ion 78.10 (77.80 to 78.80): VU040110.D (-1359) (-)

Ion 78.10 (77.80 to 78.80): VU040110.D (-1359) (-)





#34

Trichloroethene

Concen: 4.271 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040130.D

Acq: 14 Sep 2020 19:55

Instrument :

MSVOA_U

ClientSampleId :

ETYP2MSD

Tot Ion: 95 Resp: 45035

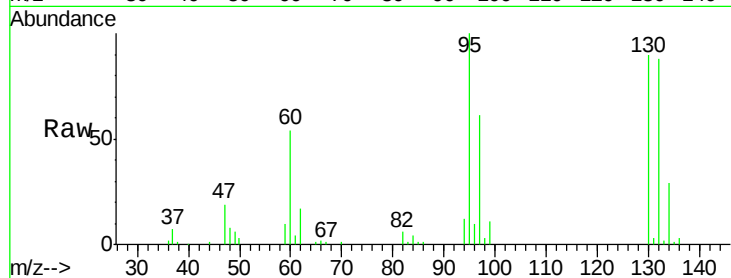
Ion Ratio Lower Upper

95 100

97 60.9 43.3 80.5

132 87.8 59.4 110.4

130 90.4 64.8 120.4

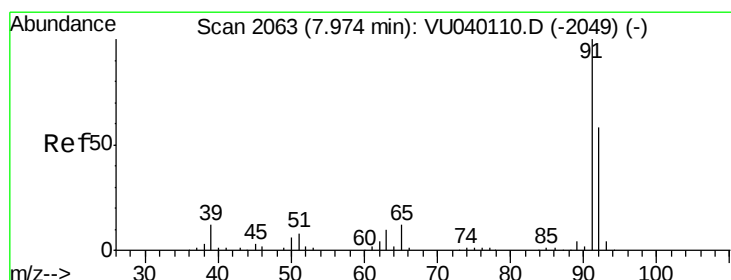
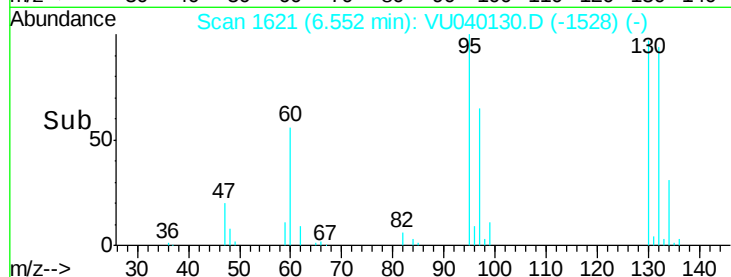
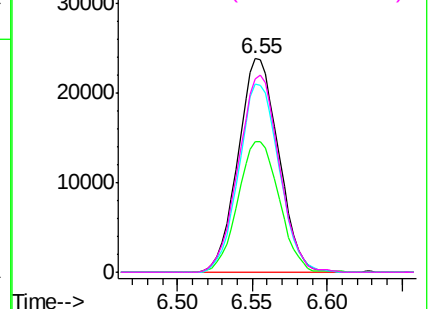


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.155 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040130.D

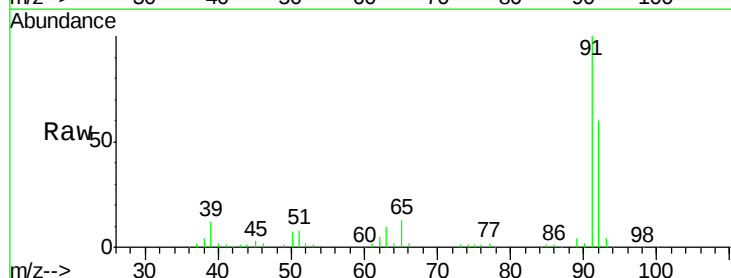
Acq: 14 Sep 2020 19:55

Tgt Ion: 91 Resp: 168212

Ion Ratio Lower Upper

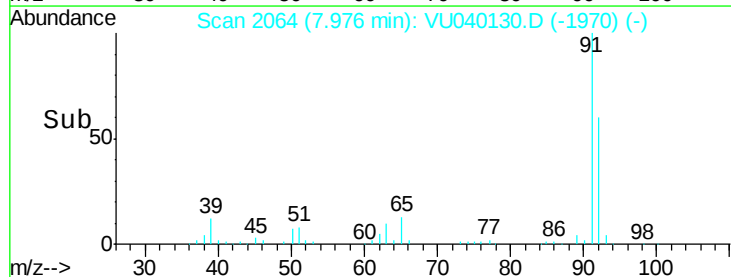
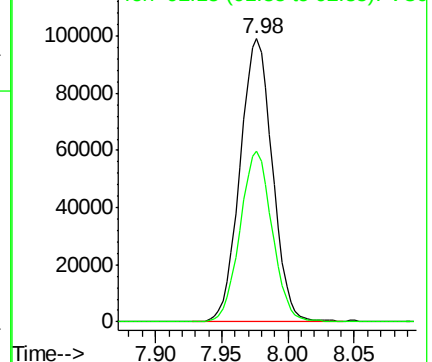
91 100

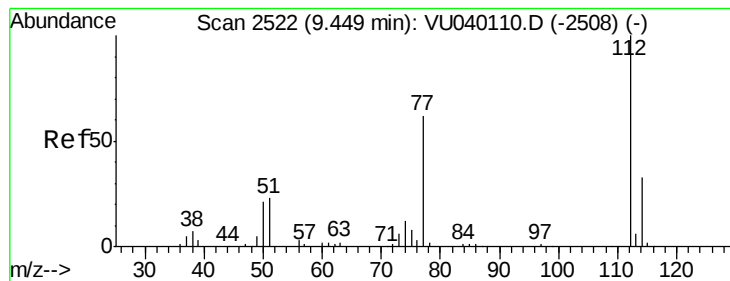
92 60.2 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.507 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040130.D

Acq: 14 Sep 2020 19:55

Instrument :

MSVOA_U

ClientSampleId :

ETYP2MSD

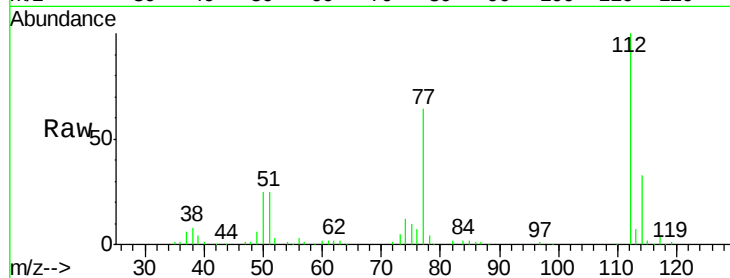
Tot Ion:112 Resp: 113280

Ion Ratio Lower Upper

112 100

114 32.6 22.7 42.3

77 64.3 53.2 79.8



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): VU0

