

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102120\
 Data File : VU040885.D
 Acq On : 21 Oct 2020 20:13
 Operator : SY/MD
 Sample : L4428-18MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ50MSD

Quant Time: Oct 22 02:12:12 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	229597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	232854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	97447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	71234	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.92	69	64207	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.58	63	154635	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.65	46	342243	61.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.48%
24) Chloroform-d	5.08	84	164651	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.72	65	99451	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.74	84	287802	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.70	67	101214	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	222944	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.19	79	40749	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.64	63	259522	62.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	96780	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	92485	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

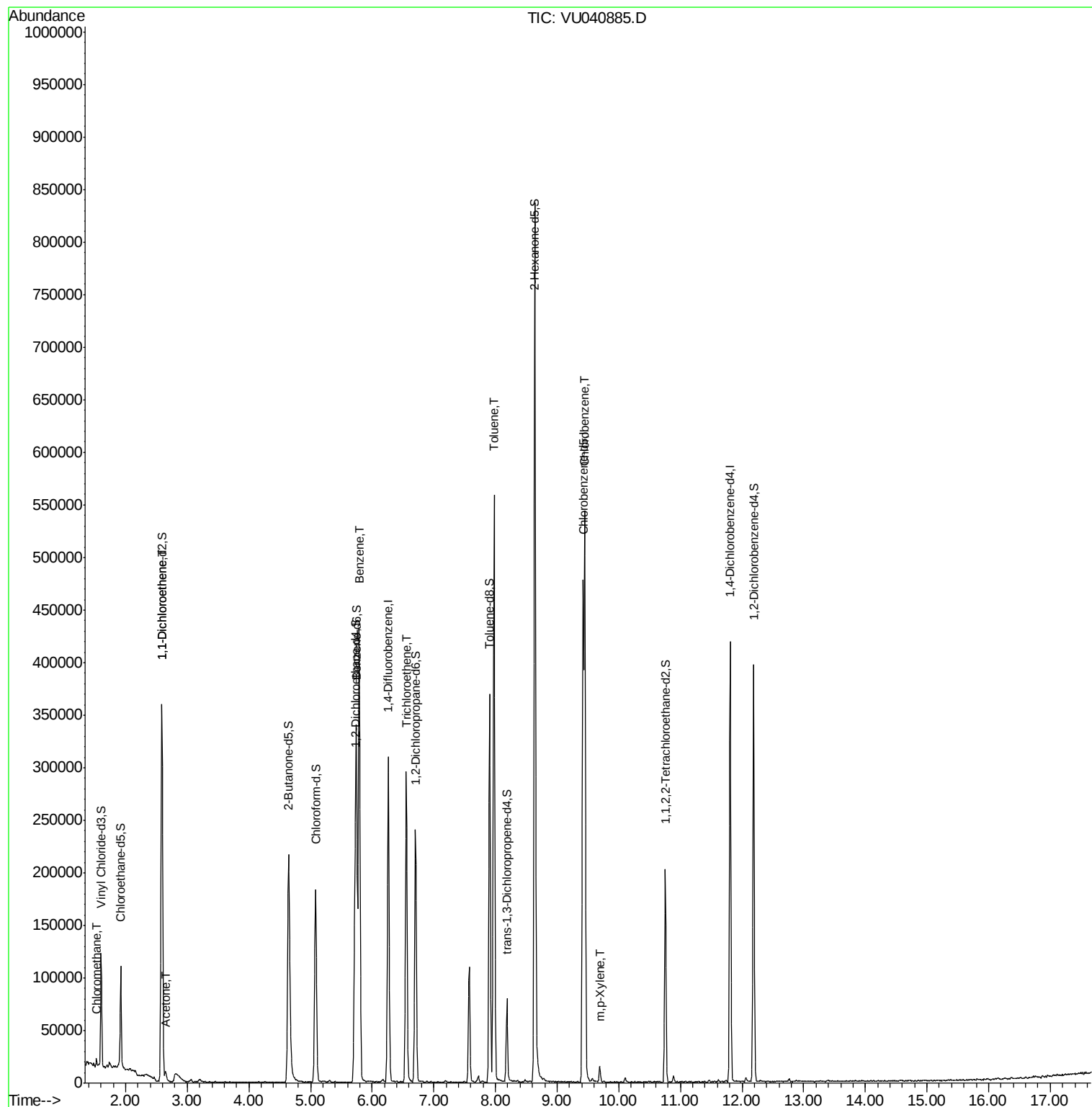
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	6122	0.242	ug/L	96
12) 1,1-Dichloroethene	2.59	96	80381	4.780	ug/L	93
13) Acetone	2.65	43	12559	3.198	ug/L	96
33) Benzene	5.79	78	390979	5.223	ug/L	100
34) Trichloroethene	6.55	95	98817	5.187	ug/L	96
42) Toluene	7.98	91	378036	5.028	ug/L	100
51) Chlorobenzene	9.45	112	259049	5.336	ug/L	99
53) m,p-Xylene	9.69	106	4171	0.143	ug/L	75

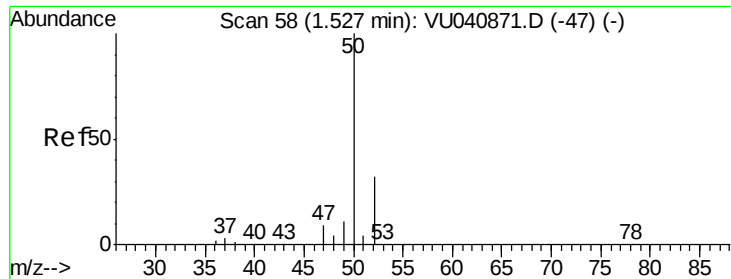
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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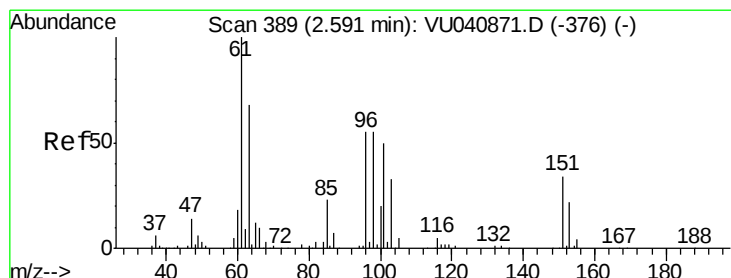
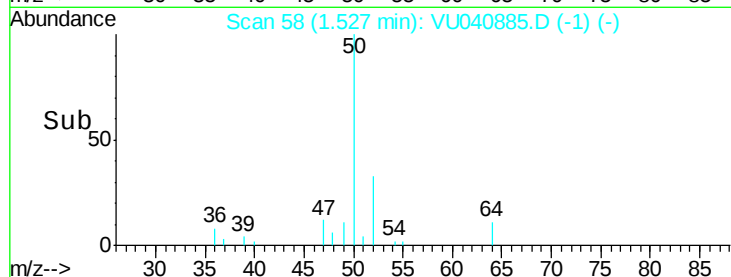
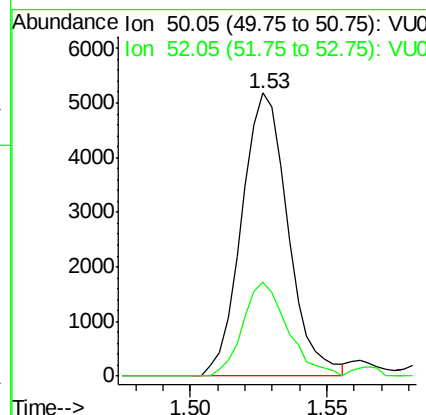
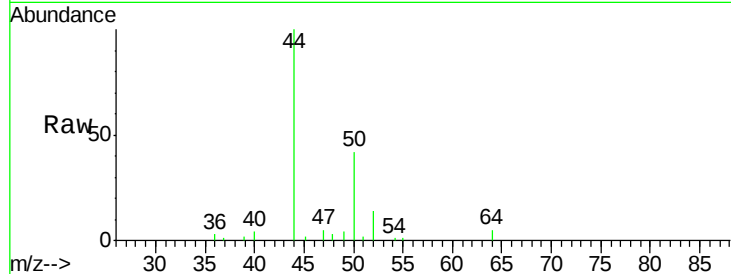




#3
Chloromethane
Concen: 0.242 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040885.D
Acq: 21 Oct 2020 20:13

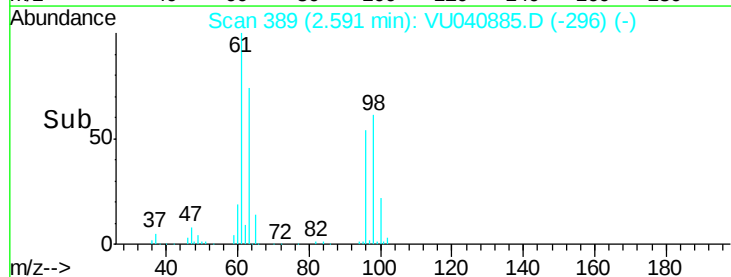
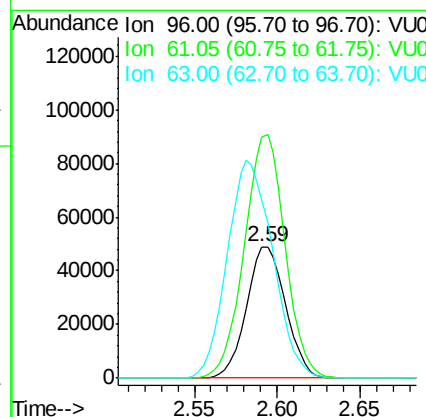
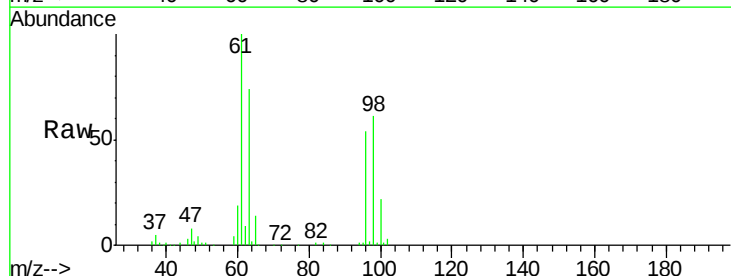
Instrument :
MSVOA_U
ClientSampleId :
ETZ50MSD

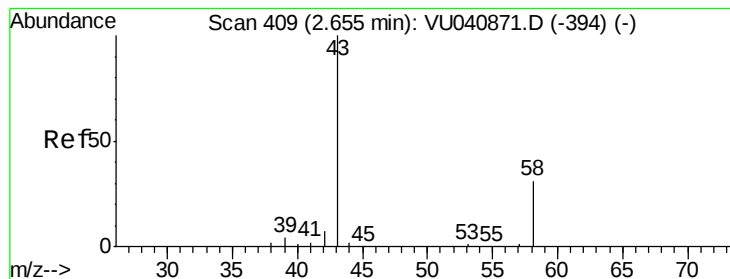
Tot Ion: 50 Resp: 6122
Ion Ratio Lower Upper
50 100
52 33.2 21.8 40.6



#12
1,1-Dichloroethene
Concen: 4.780 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU040885.D
Acq: 21 Oct 2020 20:13

Tgt Ion: 96 Resp: 80381
Ion Ratio Lower Upper
96 100
61 183.6 130.9 243.1
63 136.5 85.4 158.6





#13

Acetone

Concen: 3.198 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.01 min

Lab File: VU040885.D

Acq: 21 Oct 2020 20:13

Instrument :

MSVOA_U

ClientSampleId :

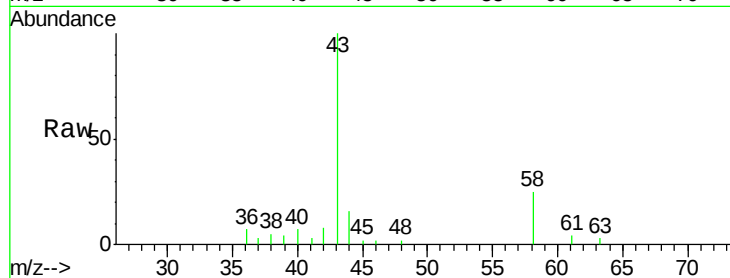
ETZ50MSD

Tot Ion: 43 Resp: 12559

Ion Ratio Lower Upper

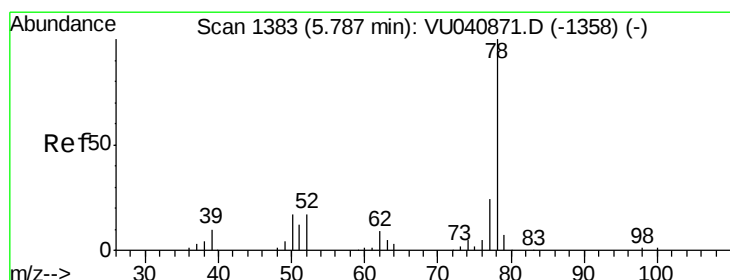
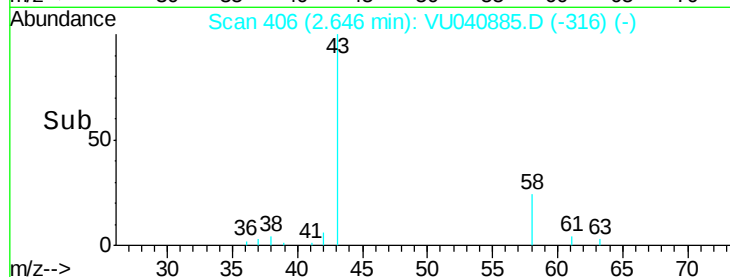
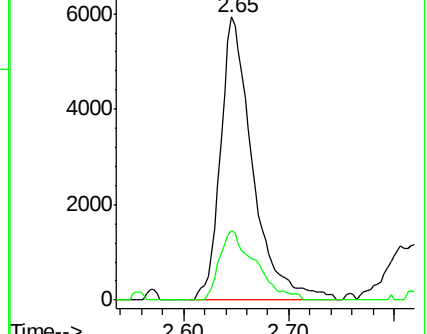
43 100

58 27.2 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#33

Benzene

Concen: 5.223 ug/L

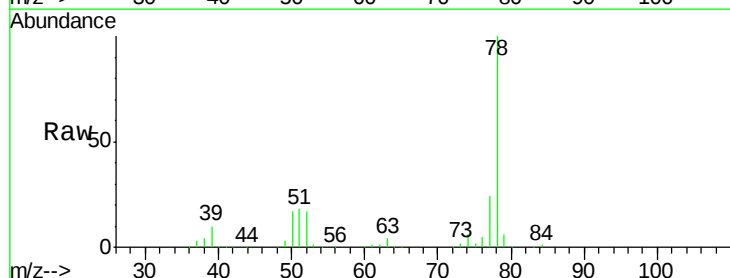
RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

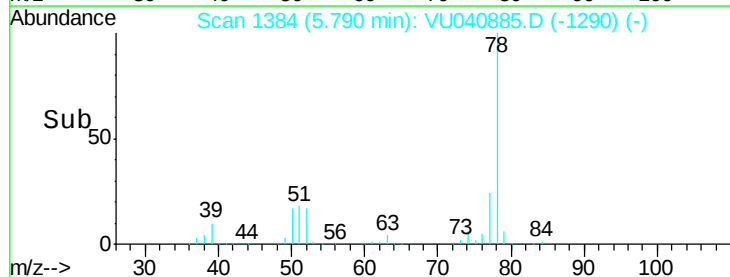
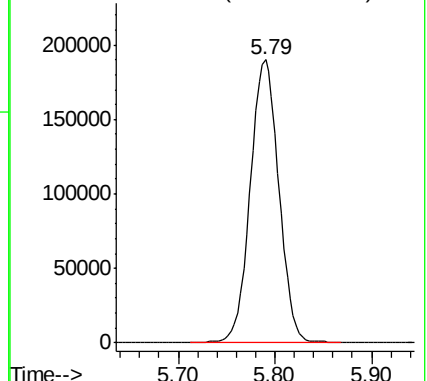
Lab File: VU040885.D

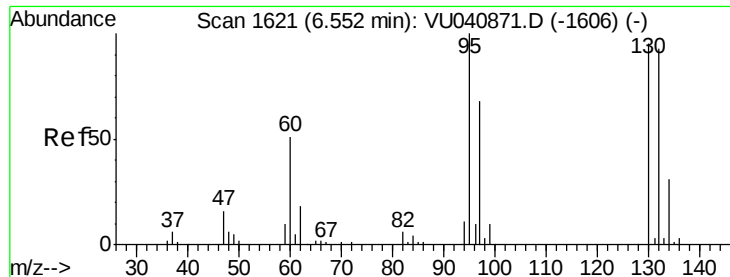
Acq: 21 Oct 2020 20:13

Tgt Ion: 78 Resp: 390979



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 5.187 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040885.D

Acq: 21 Oct 2020 20:13

Instrument :

MSVOA_U

ClientSampleId :

ETZ50MSD

Tot Ion: 95 Resp: 98817

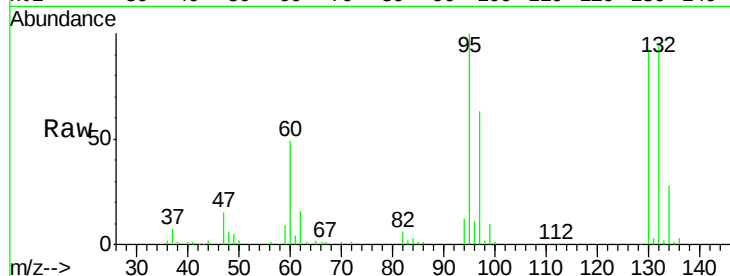
Ion Ratio Lower Upper

95 100

97 62.7 46.0 85.4

132 93.6 63.6 118.2

130 92.2 68.6 127.4

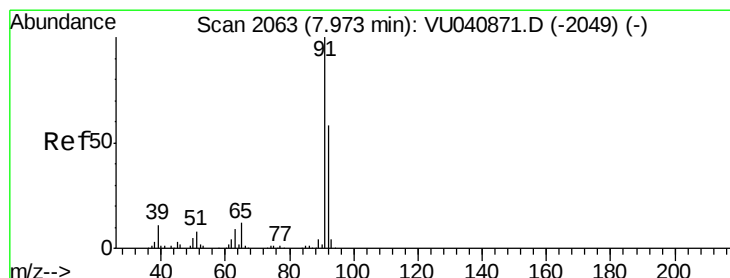
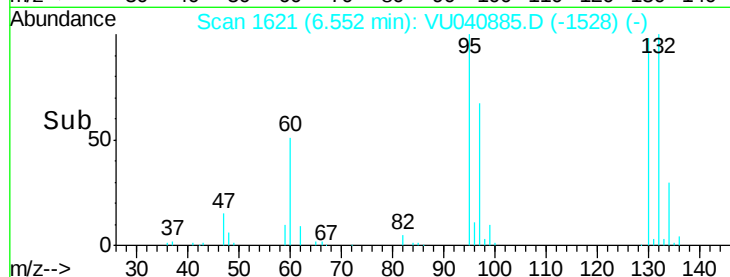
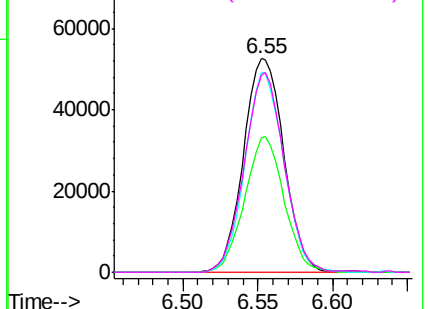


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.028 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040885.D

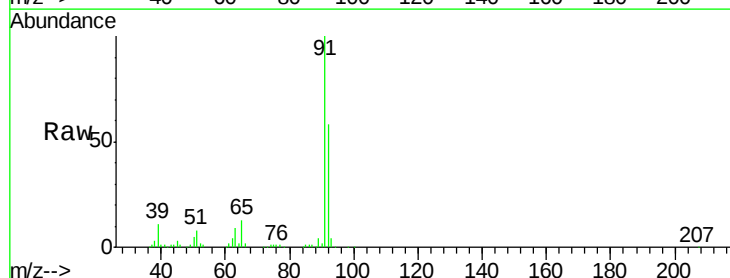
Acq: 21 Oct 2020 20:13

Tgt Ion: 91 Resp: 378036

Ion Ratio Lower Upper

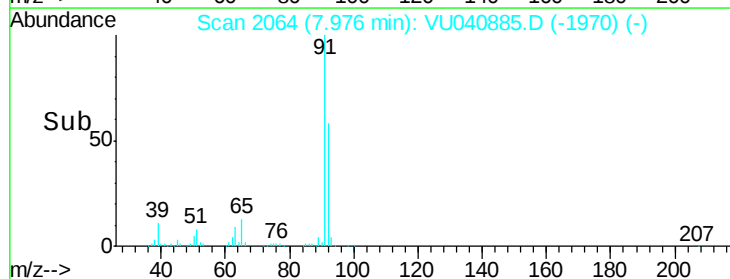
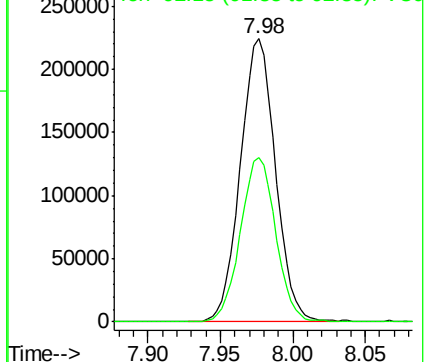
91 100

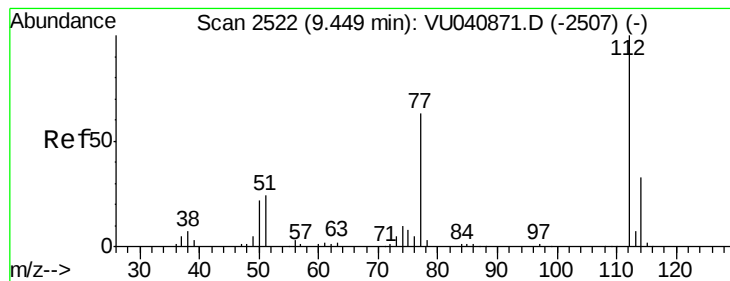
92 58.3 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 5.336 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040885.D

Acq: 21 Oct 2020 20:13

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ETZ50MSD

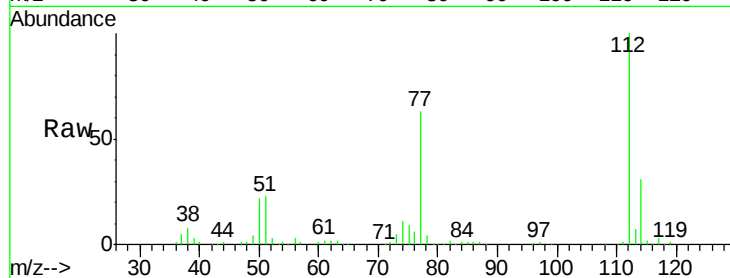
Tot Ion:112 Resp: 259049

Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.3

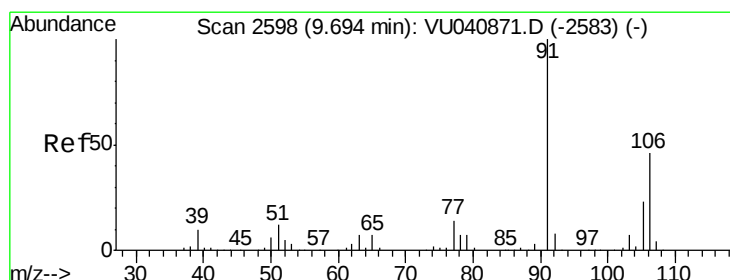
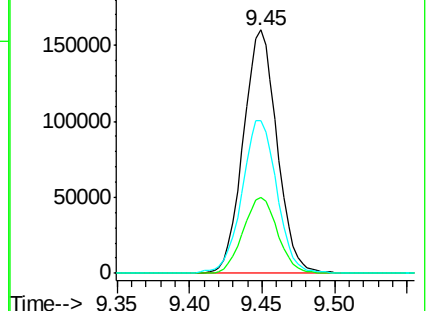
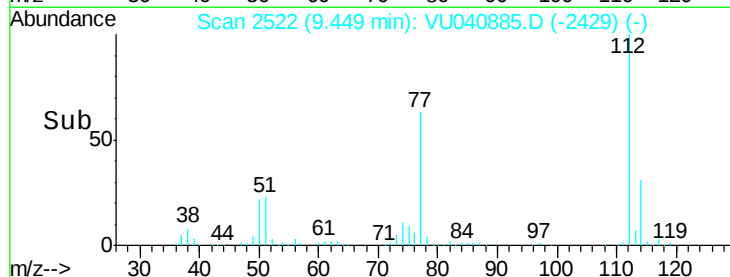
77 62.7 49.8 74.6



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: 0.143 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040885.D

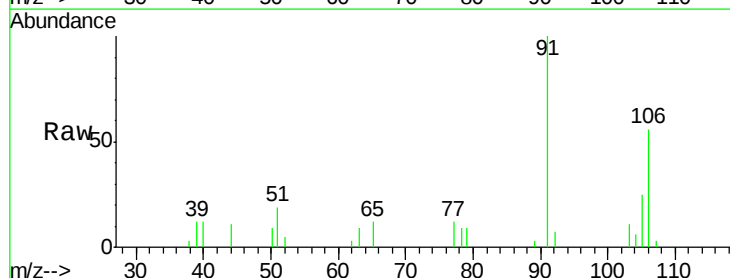
Acq: 21 Oct 2020 20:13

Tgt Ion:106 Resp: 4171

Ion Ratio Lower Upper

106 100

91 179.1 153.3 284.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): V

