

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041673.D
 Acq On : 18 Dec 2020 12:39
 Operator : SY/MD
 Sample : L5143-02MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB2MS

Quant Time: Dec 19 08:41:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108773	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49747	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34690	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.92	69	32247	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.58	63	70494	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	4.66	46	140226	51.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	5.08	84	70281	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.72	65	43460	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.74	84	149537	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	49384	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.90	98	132178	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	8.19	79	21462	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.64	63	131499	54.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45556	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	45377	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

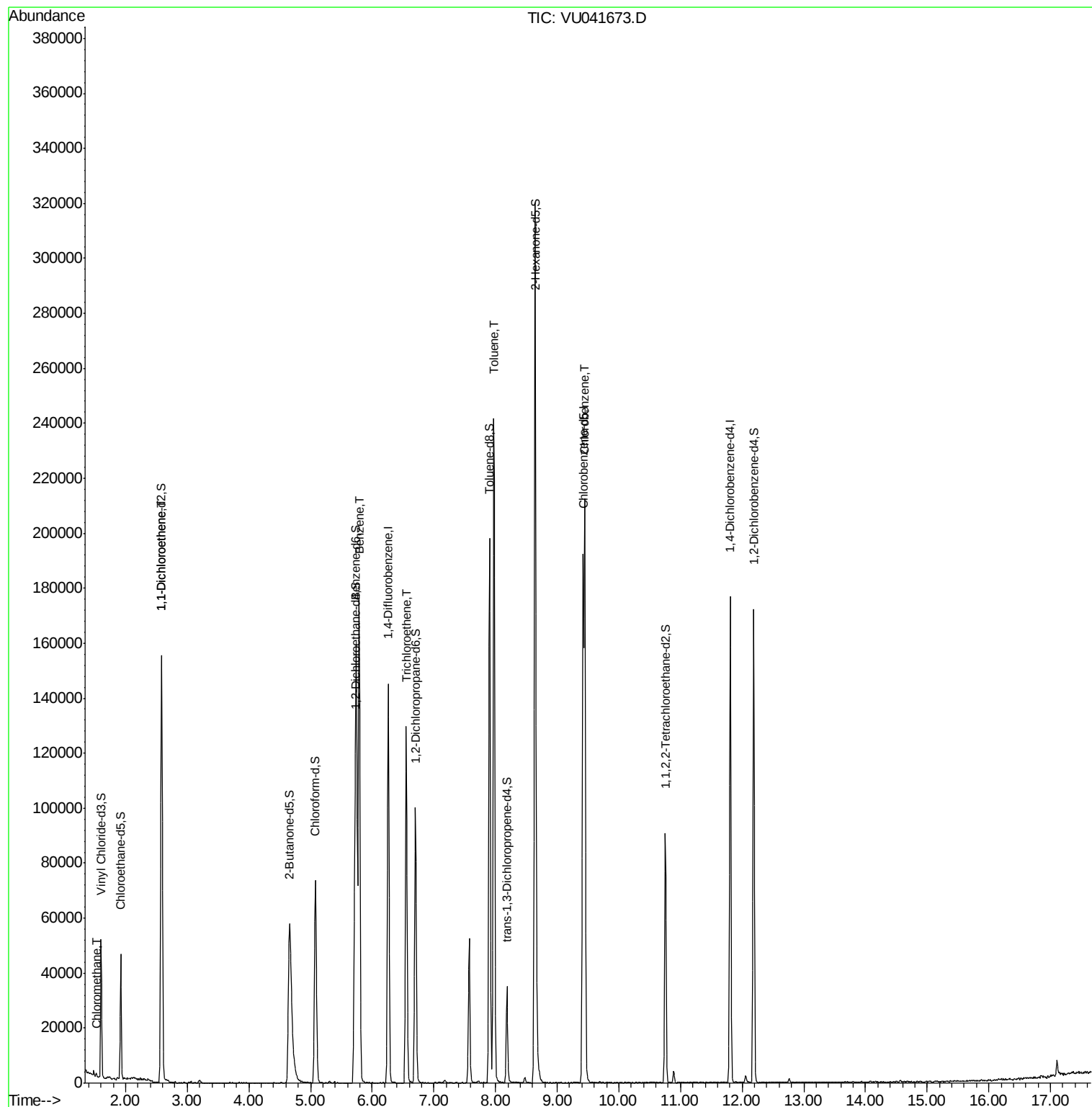
					Ovalue
3) Chloromethane	1.52	50	981	0.098 ug/L	94
12) 1,1-Dichloroethene	2.59	96	35524	4.309 ug/L	95
33) Benzene	5.79	78	169975	4.886 ug/L	100
34) Trichloroethene	6.55	95	45413	5.195 ug/L	98
42) Toluene	7.97	91	181799	5.062 ug/L	99
51) Chlorobenzene	9.45	112	114266	5.118 ug/L	96

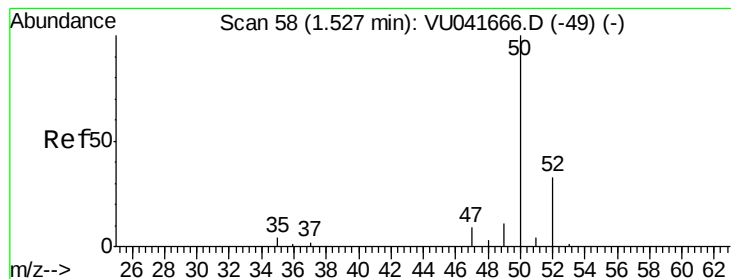
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.098 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041673.D

Acq: 18 Dec 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

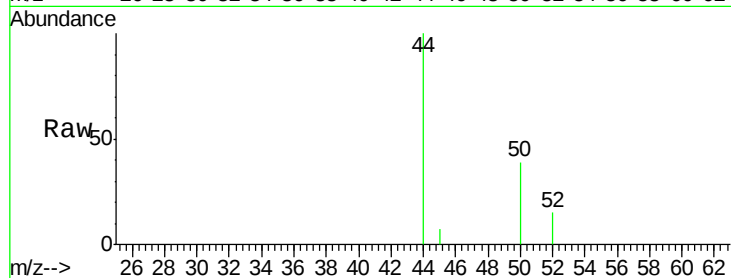
ETZB2MS

Tot Ion: 50 Resp: 981

Ion Ratio Lower Upper

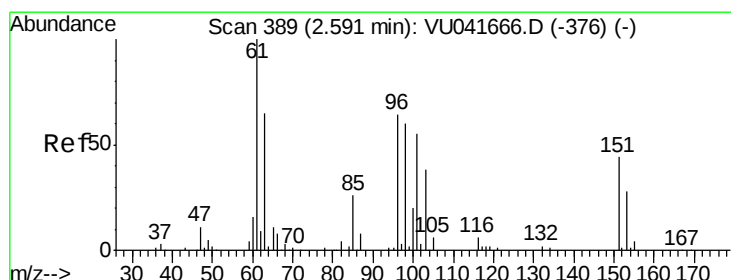
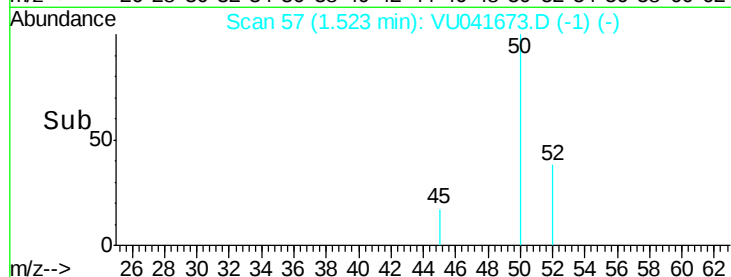
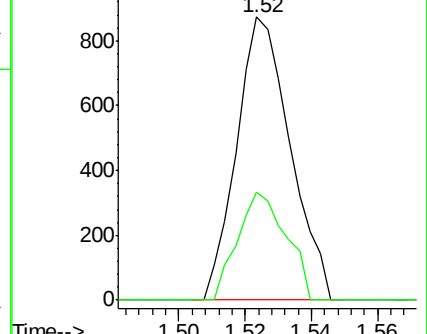
50 100

52 38.0 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 4.309 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041673.D

Acq: 18 Dec 2020 12:39

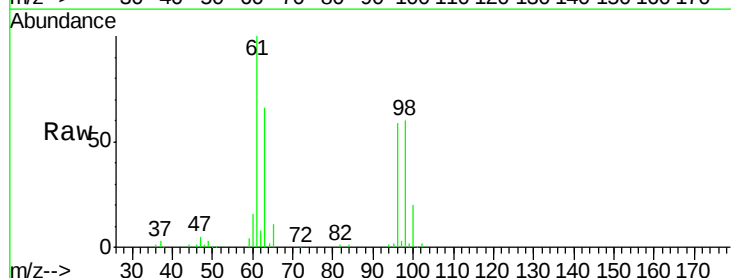
Tgt Ion: 96 Resp: 35524

Ion Ratio Lower Upper

96 100

61 168.8 123.8 230.0

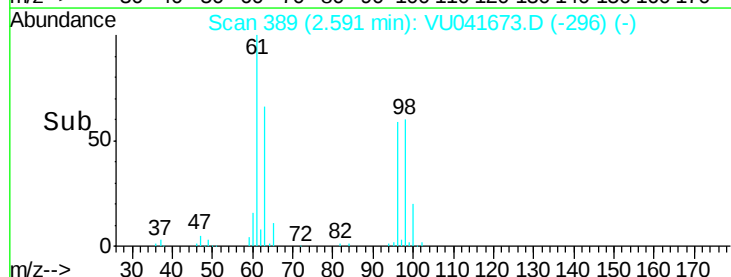
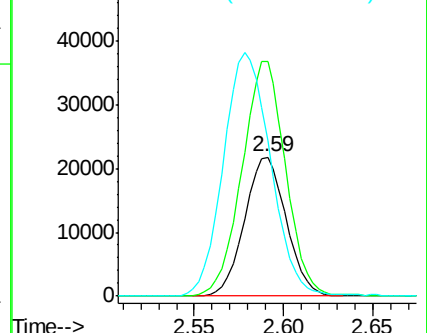
63 111.4 81.0 150.4

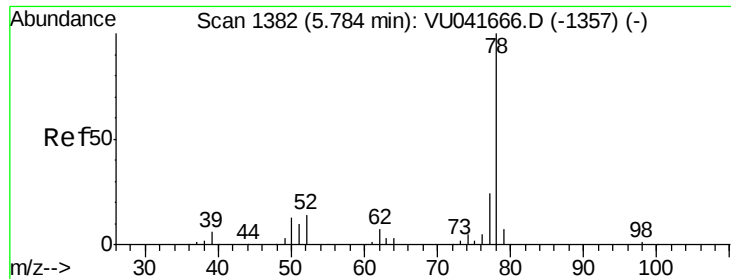


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

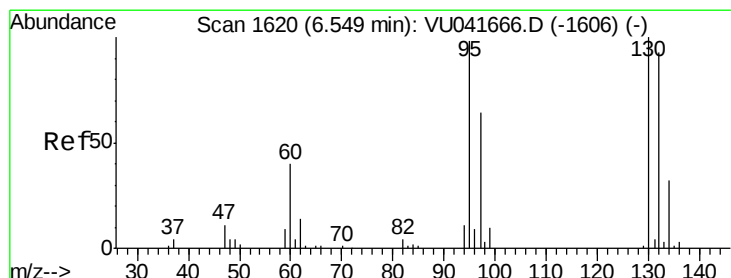
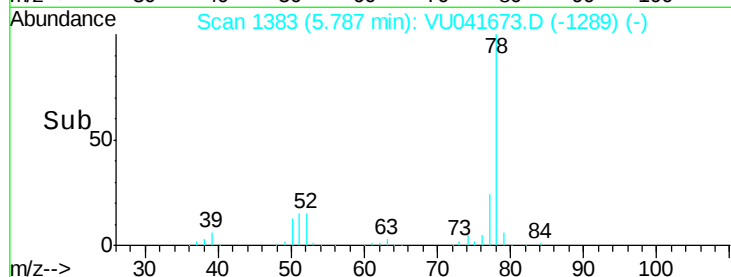
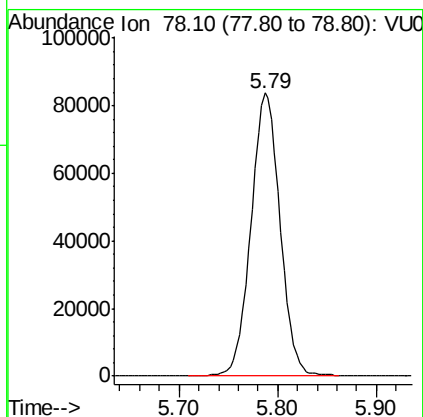
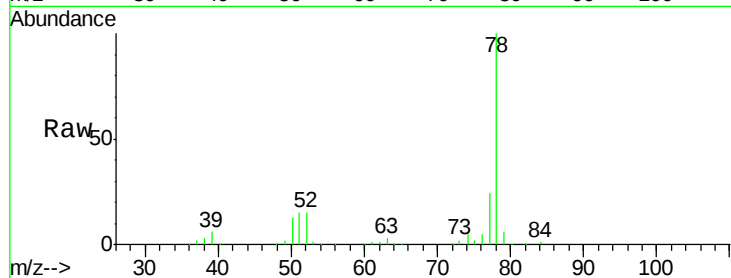
Ion 63.00 (62.70 to 63.70): VU0





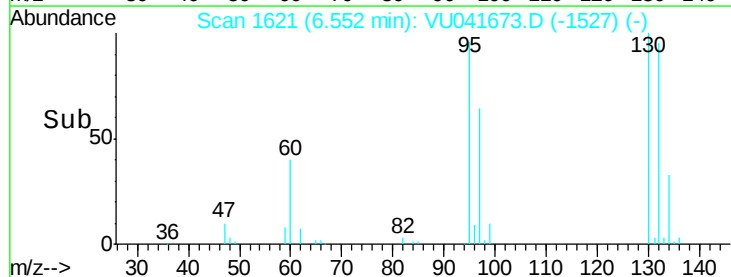
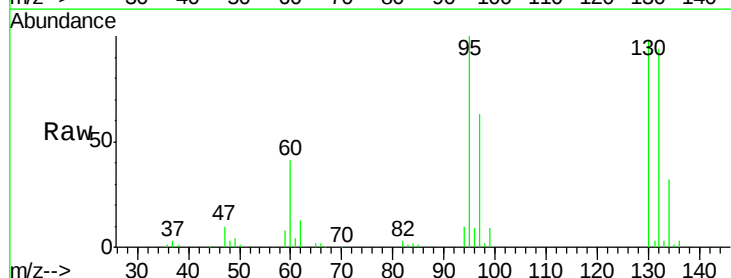
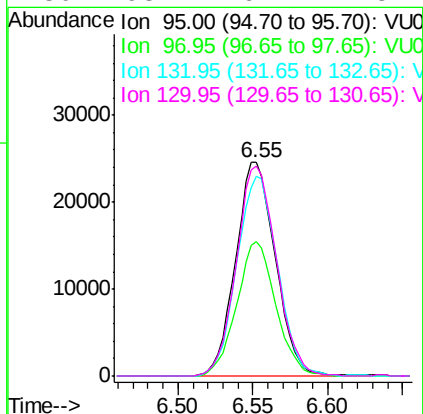
#33
Benzene
Concen: 4.886 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041673.D
Acq: 18 Dec 2020 12:39
Tgt Ion: 78 Resp: 169975

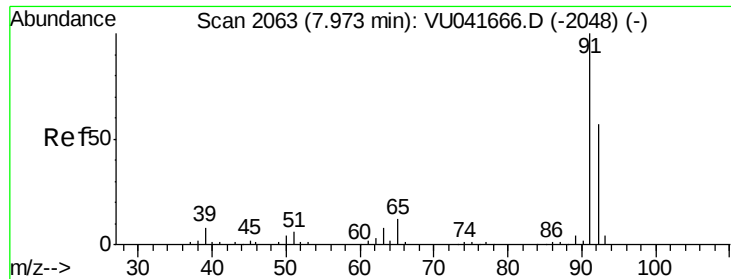
Instrument :
MSVOA_U
ClientSampleId :
ETZB2MS



#34
Trichloroethene
Concen: 5.195 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041673.D
Acq: 18 Dec 2020 12:39

Tgt Ion: 95 Resp: 45413
Ion Ratio Lower Upper
95 100
97 63.2 43.9 81.5
132 93.6 63.1 117.3
130 98.2 67.4 125.2





#42

Toluene

Concen: 5.062 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041673.D

Acq: 18 Dec 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

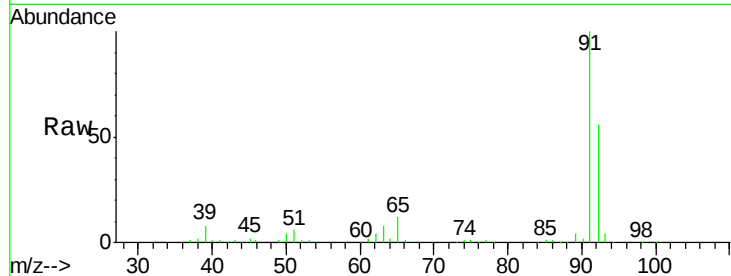
ETZB2MS

Tot Ion: 91 Resp: 181799

Ion Ratio Lower Upper

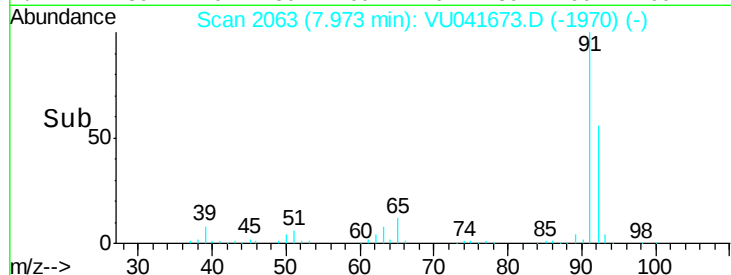
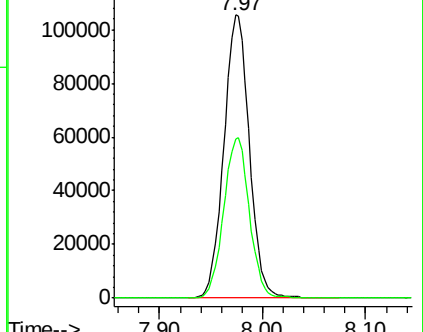
91 100

92 56.1 40.0 74.2

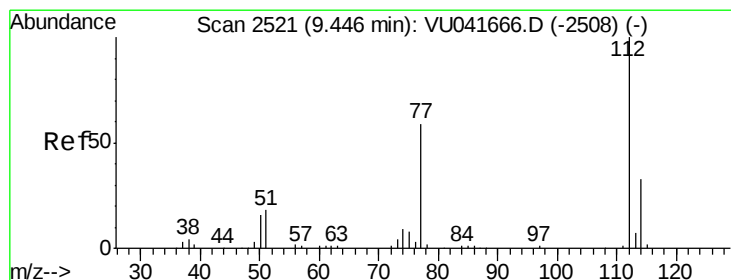


Abundance Ion 91.15 (90.85 to 91.85): VU041673.D (-1970) (-)

Ion 92.15 (91.85 to 92.85): VU041673.D (-1970) (-)



Time-->



#51

Chlorobenzene

Concen: 5.118 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041673.D

Acq: 18 Dec 2020 12:39

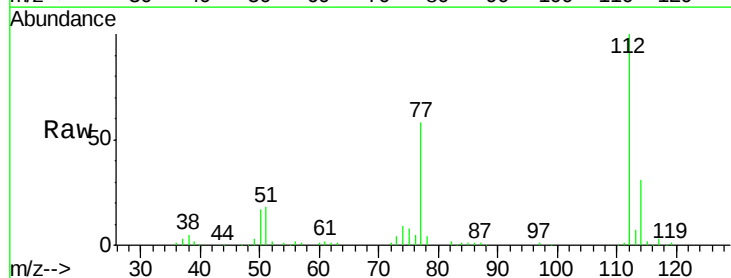
Tgt Ion: 112 Resp: 114266

Ion Ratio Lower Upper

112 100

114 30.9 22.7 42.3

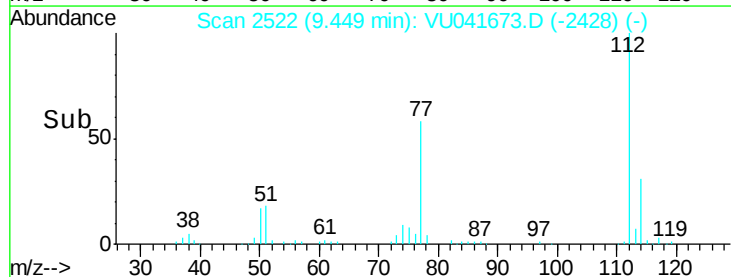
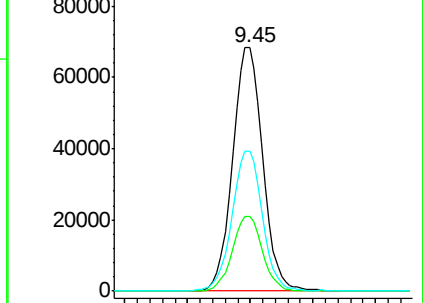
77 57.7 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): VU041673.D (-2428) (-)

Ion 114.05 (113.75 to 114.75): VU041673.D (-2428) (-)

Ion 77.10 (76.80 to 77.80): VU041673.D (-2428) (-)



Time-->