

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040483.D
 Acq On : 03 Oct 2020 16:41
 Operator : SY/MD
 Sample : L4240-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T1

Quant Time: Oct 05 01:53:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 05 00:56:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139519	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135089	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33538	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.92	69	27951	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.58	63	52386	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	4.66	46	144127	42.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.02%
24) Chloroform-d	5.08	84	70459	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.72	65	43324	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.75	84	136075	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	45835	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.91	98	116310	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.19	79	18046	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	97141	40.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.46%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	39334	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	50284	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

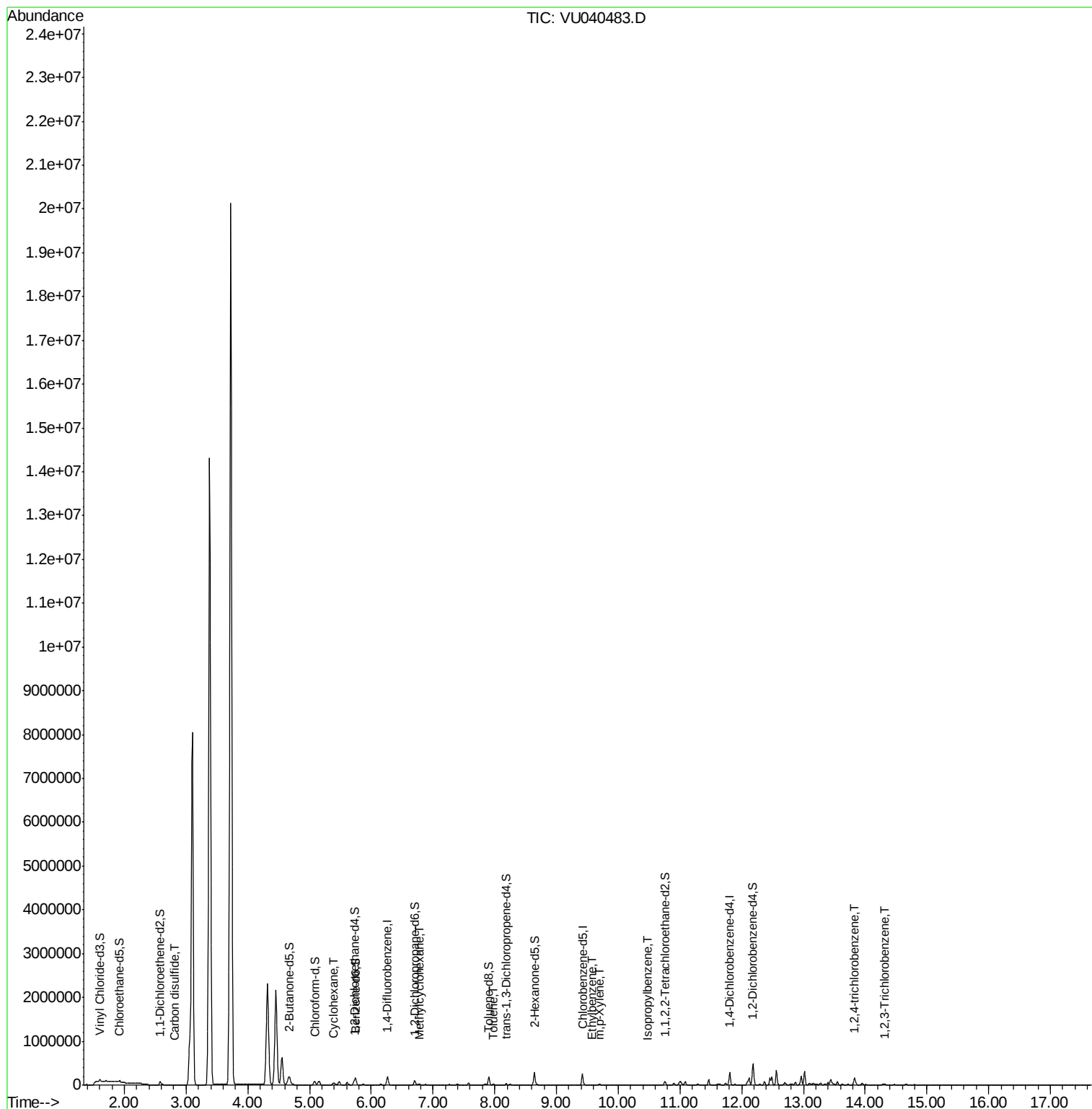
					Ovalue
14) Carbon disulfide	2.81	76	3612	0.108 ug/L	95
30) Cyclohexane	5.40	56	20391	1.068 ug/L #	82
35) Methylcyclohexane	6.77	83	7524	0.427 ug/L #	71
42) Toluene	7.97	91	11343	0.244 ug/L	98
52) Ethylbenzene	9.57	91	3379	0.067 ug/L	99
53) m,p-Xylene	9.69	106	3835	0.204 ug/L	96
56) Isopropylbenzene	10.48	105	3288	0.069 ug/L #	92
68) 1,2,4-trichlorobenzene	13.83	180	28359	2.169 ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	6162	0.515 ug/L #	90

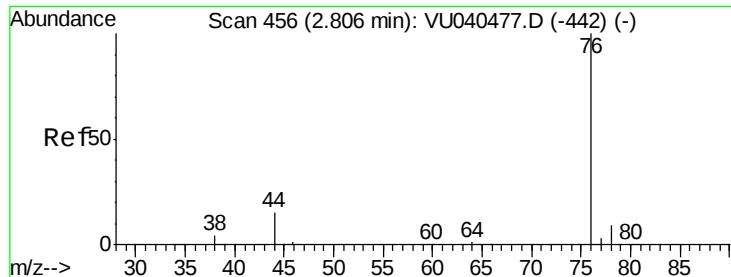
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.81 min Scan# 458

Delta R.T. 0.01 min

Lab File: VU040483.D

Acq: 03 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

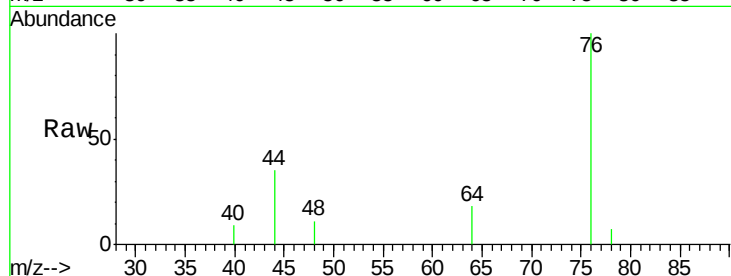
BG3T1

Tot Ion: 76 Resp: 3612

Ion Ratio Lower Upper

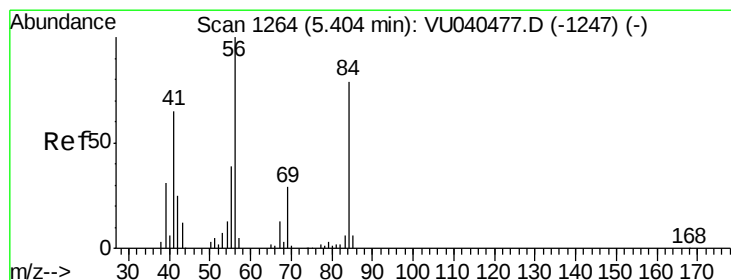
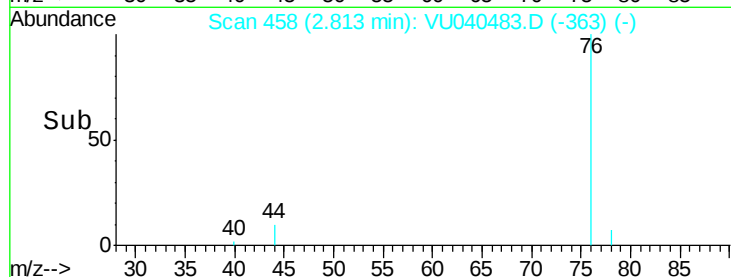
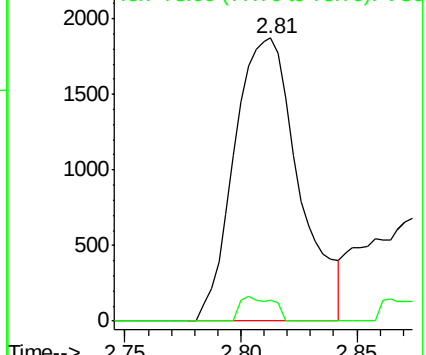
76 100

78 7.4 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU040483.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040483.D (-363) (-)



#30

Cyclohexane

Concen: 1.068 ug/L

RT: 5.40 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VU040483.D

Acq: 03 Oct 2020 16:41

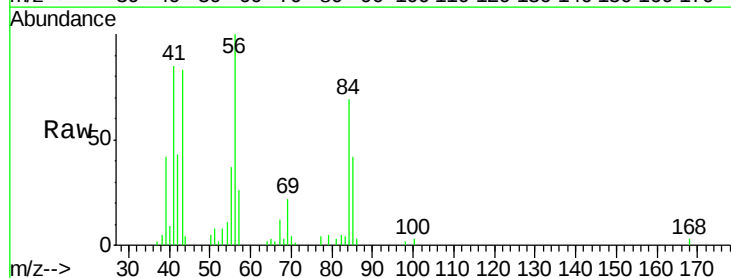
Tgt Ion: 56 Resp: 20391

Ion Ratio Lower Upper

56 100

69 26.0 23.3 34.9

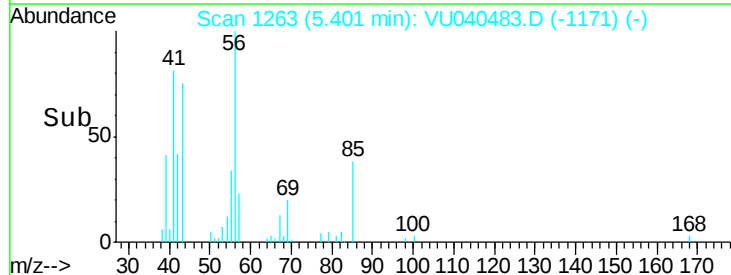
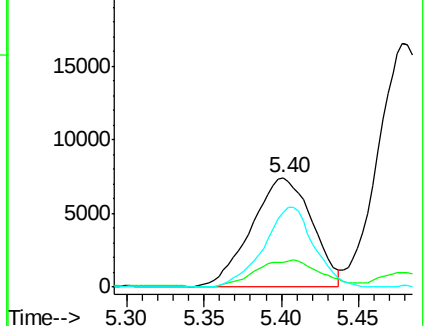
84 60.2 64.2 96.4#

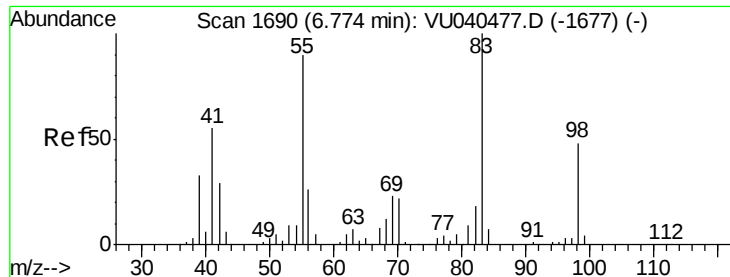


Abundance Ion 56.10 (55.80 to 56.80): VU040483.D (-1171) (-)

Ion 69.15 (68.85 to 69.85): VU040483.D (-1171) (-)

Ion 84.15 (83.85 to 84.85): VU040483.D (-1171) (-)

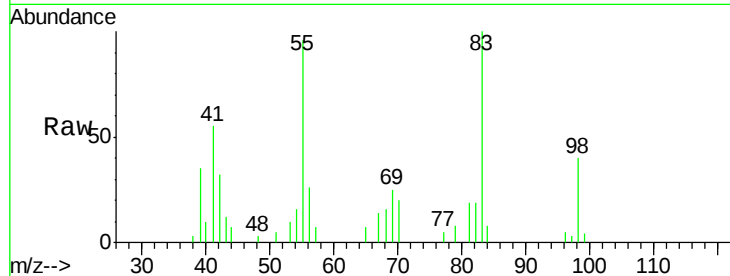




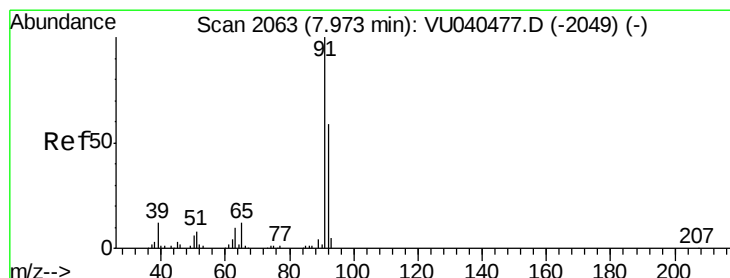
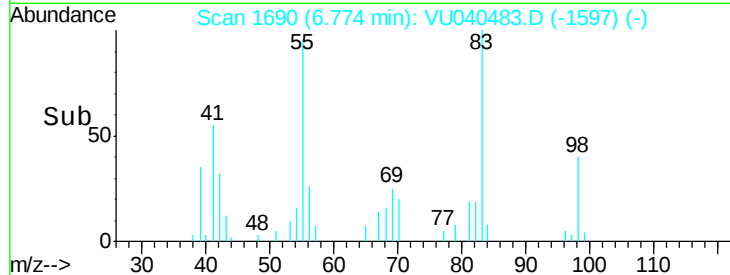
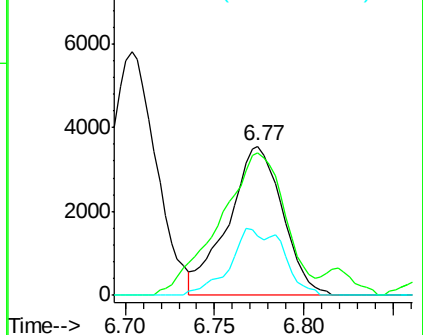
#35
Methvlcvclohexane
Concen: 0.427 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Instrument :
MSVOA_U
ClientSampleId :
BG3T1

Tot Ion: 83 Resp: 7524
Ion Ratio Lower Upper
83 100
55 115.3 71.4 107.2#
98 27.5 38.5 57.7#

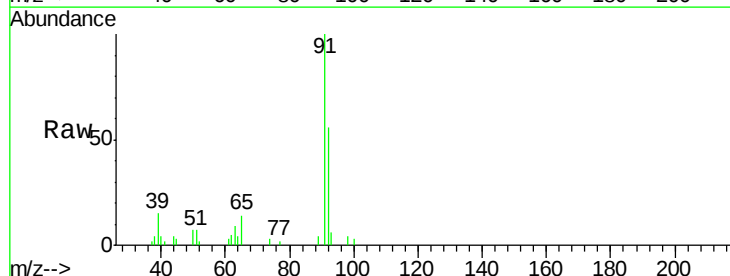


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

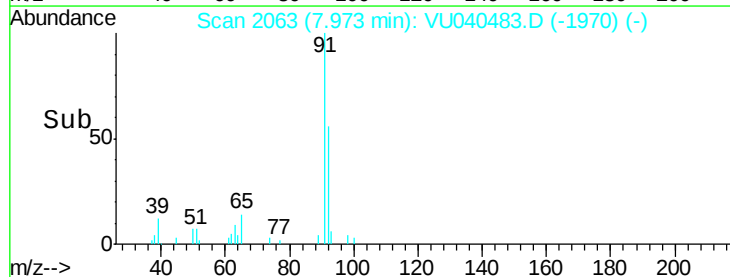
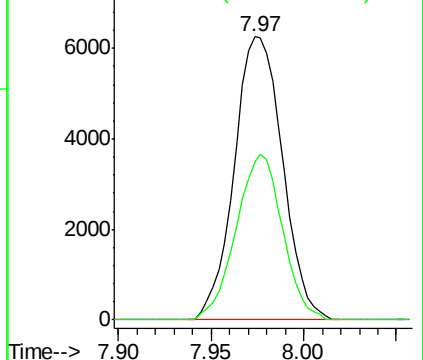


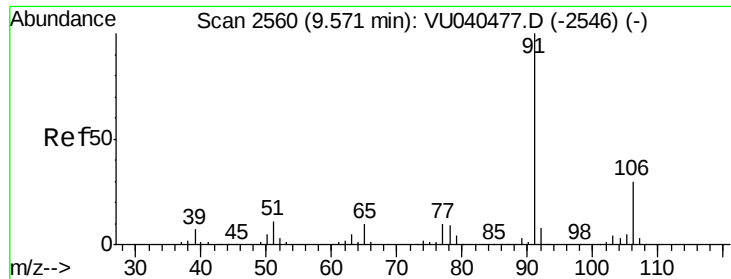
#42
Toluene
Concen: 0.244 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. 0.00 min
Lab File: VU040483.D
Acq: 03 Oct 2020 16:41

Tgt Ion: 91 Resp: 11343
Ion Ratio Lower Upper
91 100
92 55.6 40.0 74.4



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





#52

Ethylbenzene

Concen: 0.067 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040483.D

Acq: 03 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

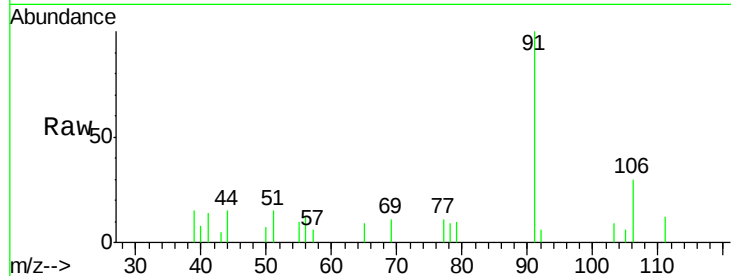
BG3T1

Tot Ion: 91 Resp: 3379

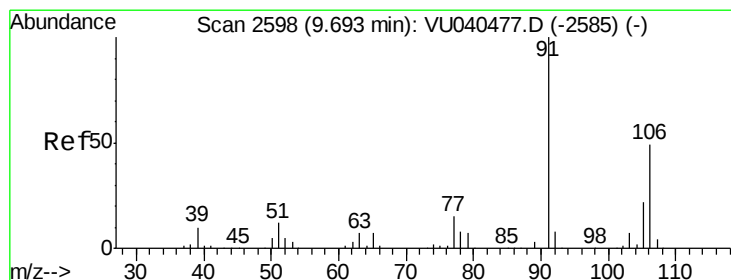
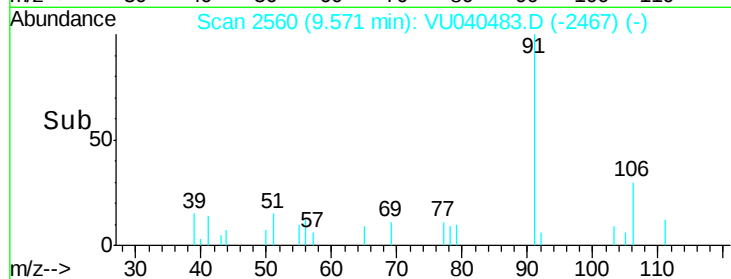
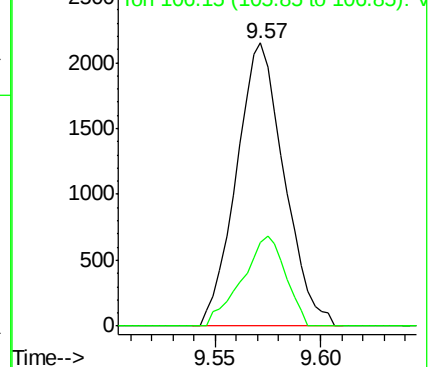
Ion Ratio Lower Upper

91 100

106 29.8 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU040477.D (-2546) (-)



#53

m,p-Xylene

Concen: 0.204 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU040483.D

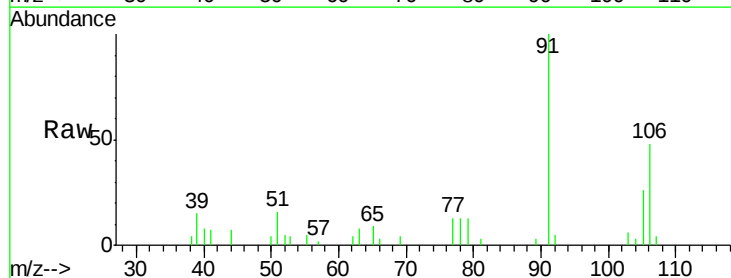
Acq: 03 Oct 2020 16:41

Tgt Ion: 106 Resp: 3835

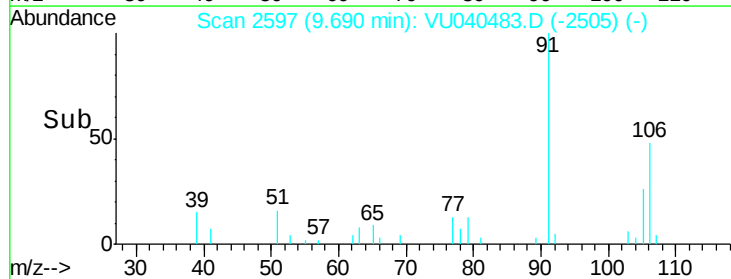
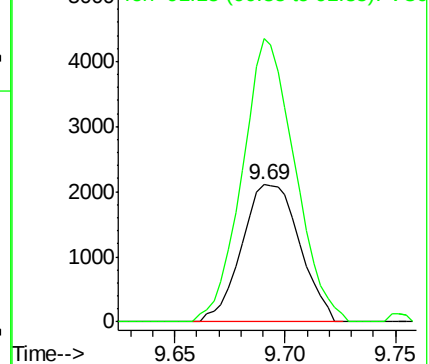
Ion Ratio Lower Upper

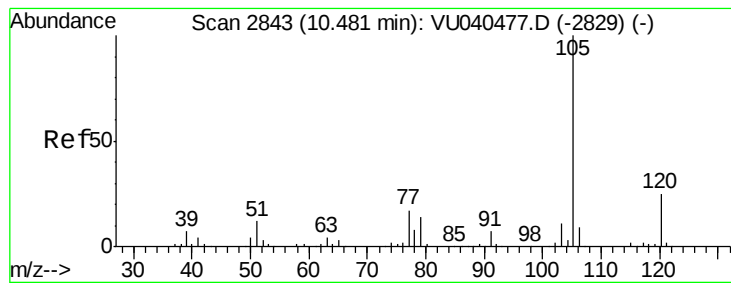
106 100

91 206.7 149.0 276.6



Abundance Ion 106.15 (105.85 to 106.85): VU040477.D (-2585) (-)





#56

Isopropylbenzene

Concen: 0.069 ug/L

RT: 10.48 min Scan# 2842

Delta R.T. -0.00 min

Lab File: VU040483.D

Acq: 03 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

BG3T1

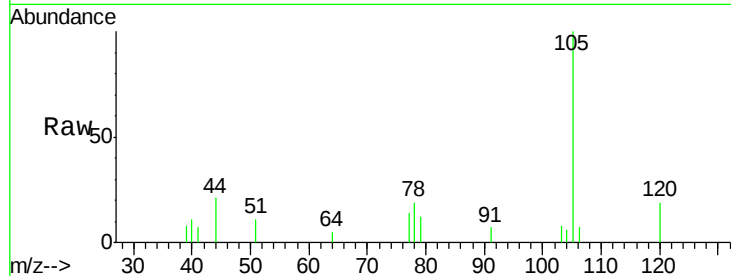
Tot Ion:105 Resp: 3288

Ion Ratio Lower Upper

105 100

120 22.7 20.6 30.8

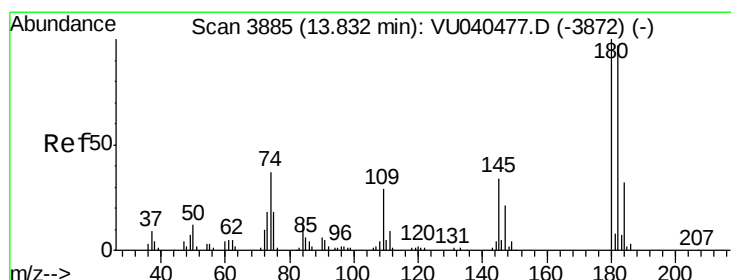
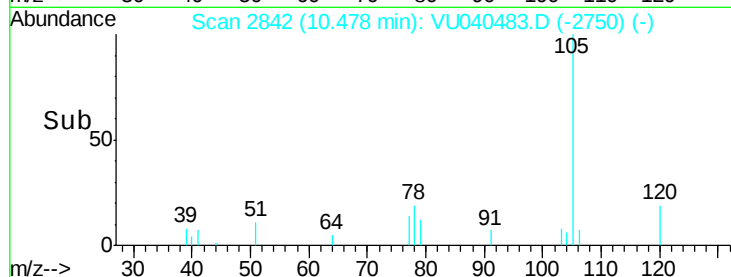
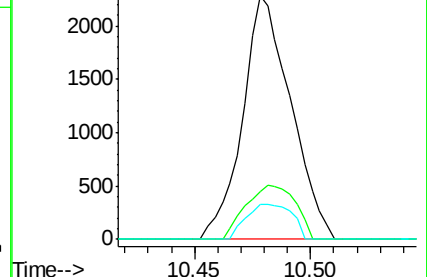
77 13.6 14.3 21.5#



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



#68

1,2,4-trichlorobenzene

Concen: 2.169 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU040483.D

Acq: 03 Oct 2020 16:41

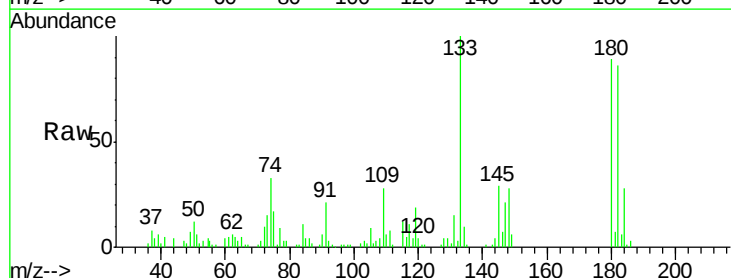
Tgt Ion:180 Resp: 28359

Ion Ratio Lower Upper

180 100

182 93.2 76.6 115.0

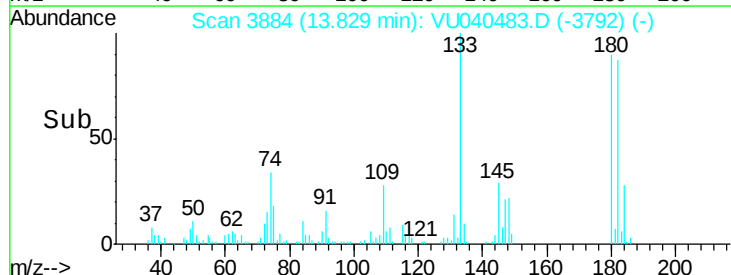
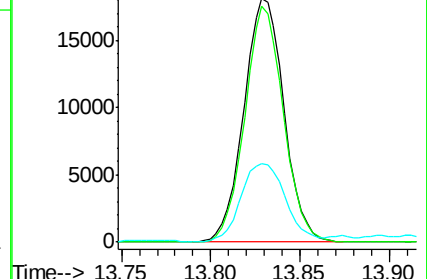
145 36.1 26.3 39.5

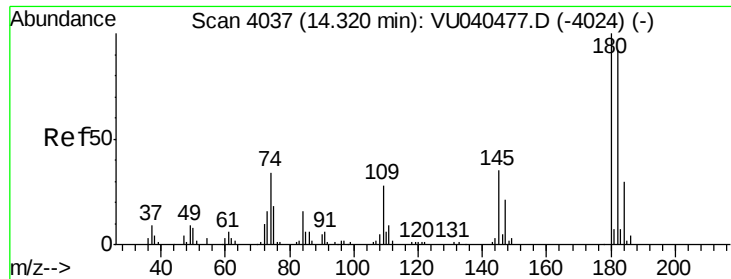


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

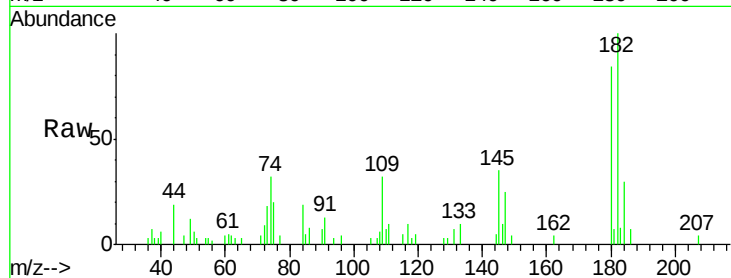




#70
 1,2,3-Trichlorobenzene
 Concen: 0.515 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU040483.D
 Acq: 03 Oct 2020 16:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T1

Tot Ion:180 Resp: 6162
 Ion Ratio Lower Upper
 180 100
 182 102.1 76.6 115.0
 145 46.1 27.8 41.6#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

