

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100320\
 Data File : VU040484.D
 Acq On : 03 Oct 2020 17:04
 Operator : SY/MD
 Sample : L4240-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T3

Quant Time: Oct 05 02:02:00 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	130534	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31853	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.93	69	27155	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.58	63	53740	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.66	46	152436	47.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.98%
24) Chloroform-d	5.08	84	72552	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.72	65	45707	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.74	84	131473	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.70	67	46275	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	111642	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.19	79	18484	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.64	63	102403	44.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41731	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	47750	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

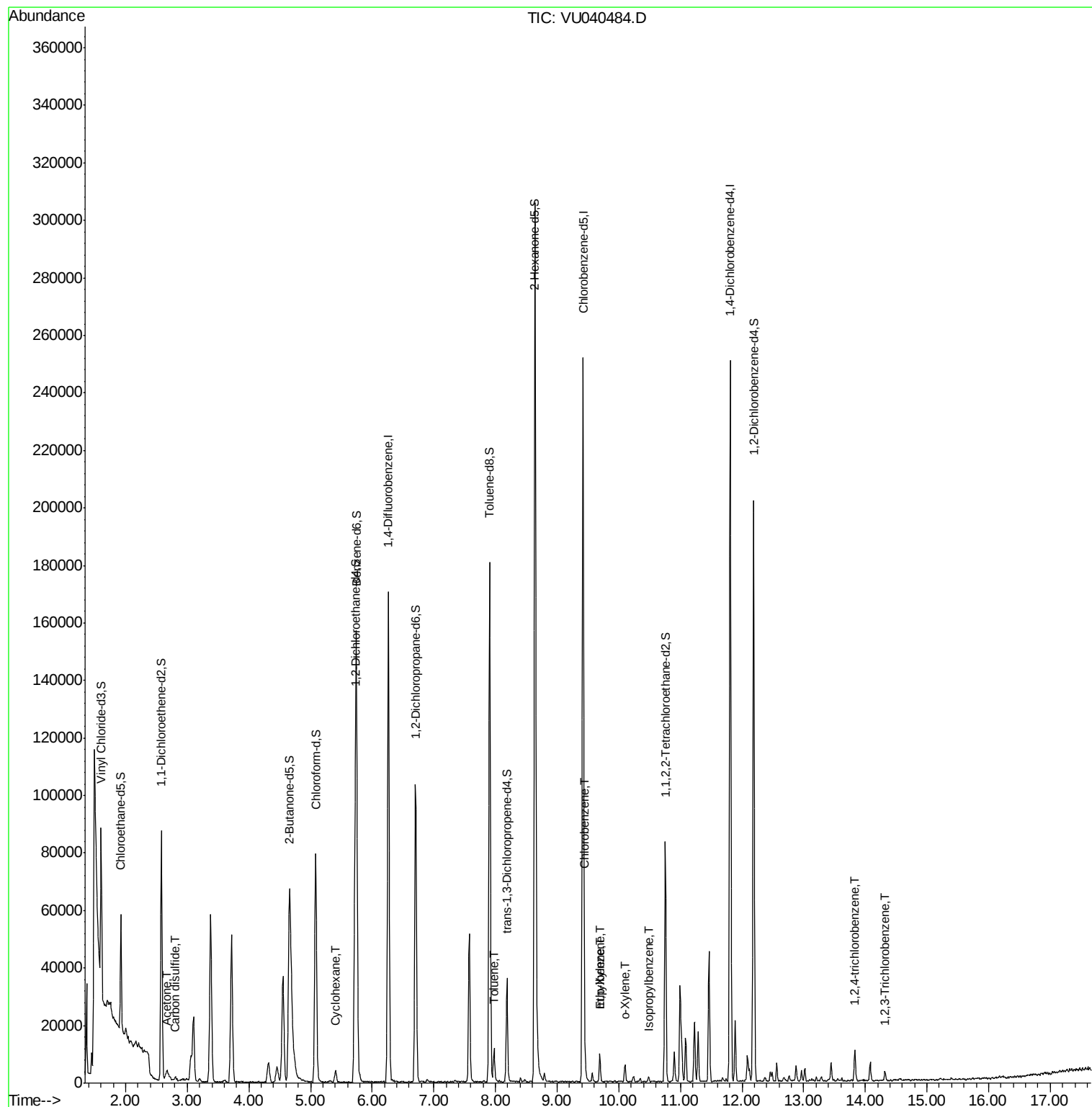
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	8906	3.329	ug/L	73
14) Carbon disulfide	2.81	76	2164	0.069	ug/L #	75
30) Cyclohexane	5.41	56	1985	0.108	ug/L #	65
42) Toluene	7.98	91	7989	0.179	ug/L	99
51) Chlorobenzene	9.45	112	3982	0.138	ug/L	92
52) Ethylbenzene	9.69	91	5742	0.118	ug/L	88
53) m,p-Xylene	9.70	106	2444	0.135	ug/L	99
54) o-Xylene	10.10	106	1614	0.095	ug/L	70
56) Isopropylbenzene	10.49	105	1463	0.032	ug/L #	84
68) 1,2,4-trichlorobenzene	13.83	180	3487	0.304	ug/L	90
70) 1,2,3-Trichlorobenzene	14.32	180	1188	0.113	ug/L	92

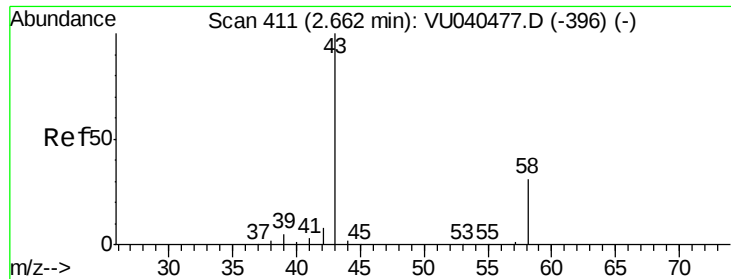
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 05 00:56:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.329 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

Lab File: VU040484.D

Acq: 03 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

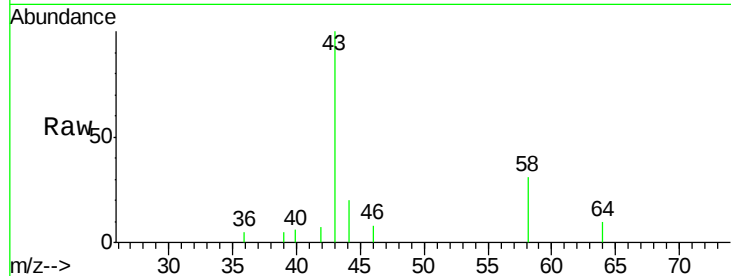
BG3T3

Tot Ion: 43 Resp: 8906

Ion Ratio Lower Upper

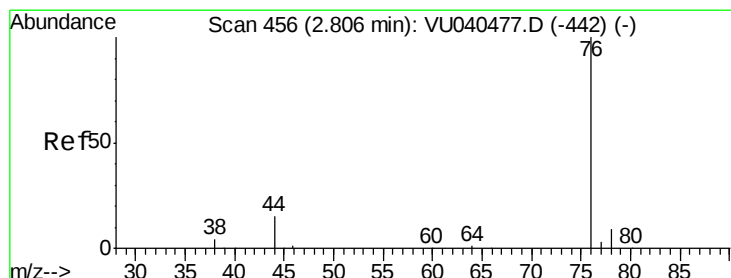
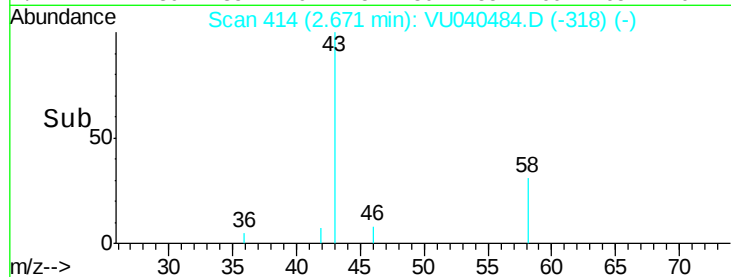
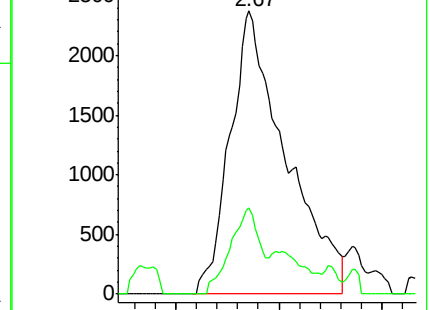
43 100

58 15.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040484.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VU040484.D (-318) (-)



#14

Carbon disulfide

Concen: 0.069 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040484.D

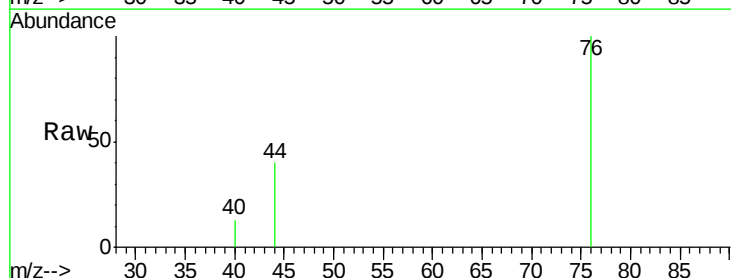
Acq: 03 Oct 2020 17:04

Tgt Ion: 76 Resp: 2164

Ion Ratio Lower Upper

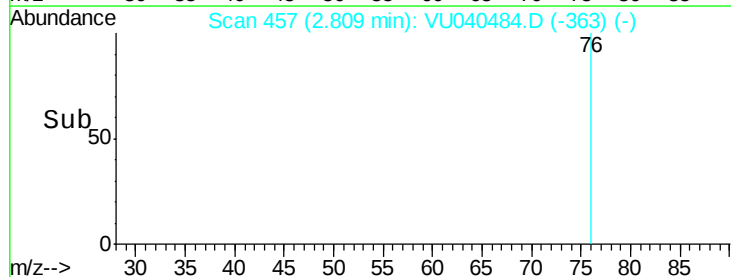
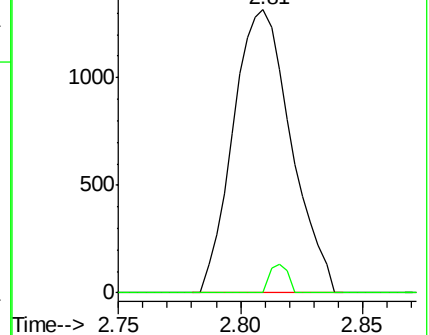
76 100

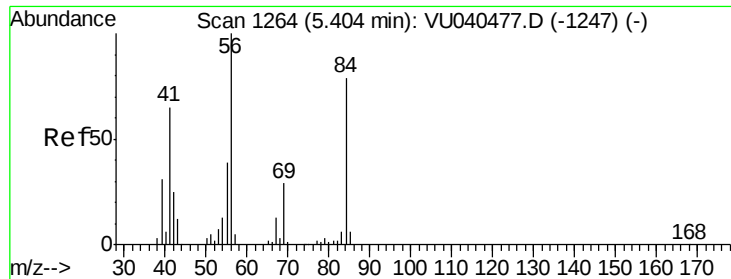
78 0.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040484.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040484.D (-363) (-)

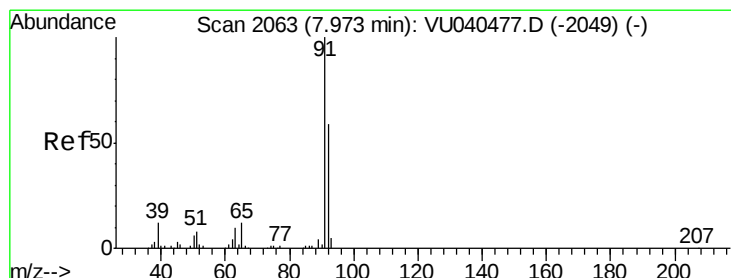
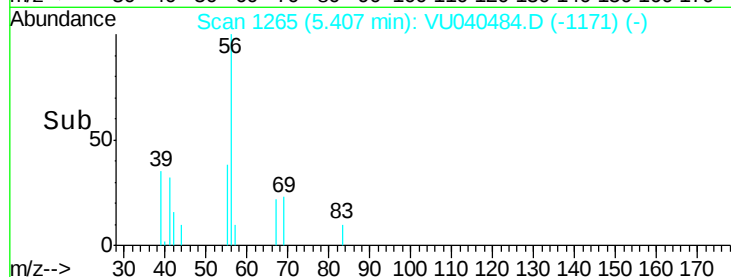
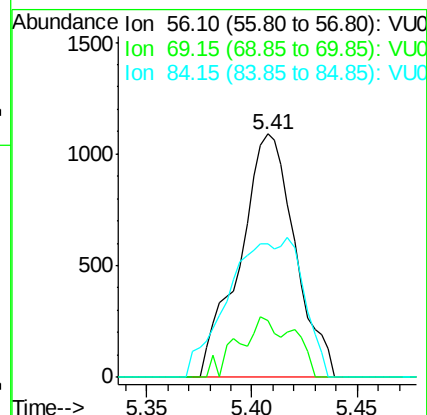
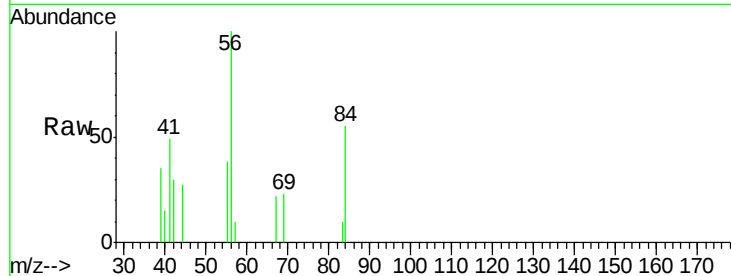




#30
Cyclohexane
Concen: 0.108 ug/L
RT: 5.41 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VU040484.D
Acq: 03 Oct 2020 17:04

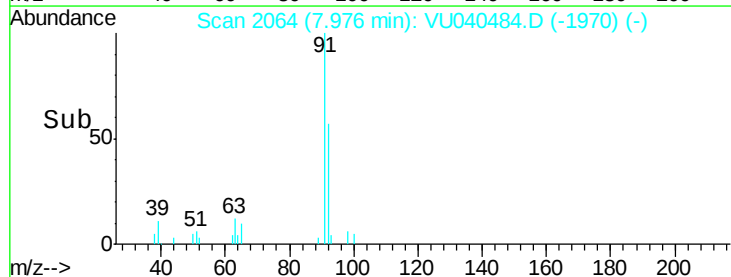
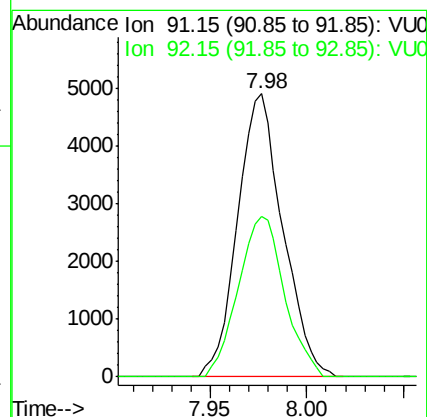
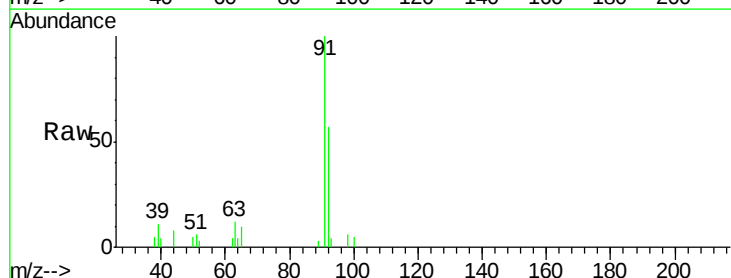
Instrument :
MSVOA_U
ClientSampleId :
BG3T3

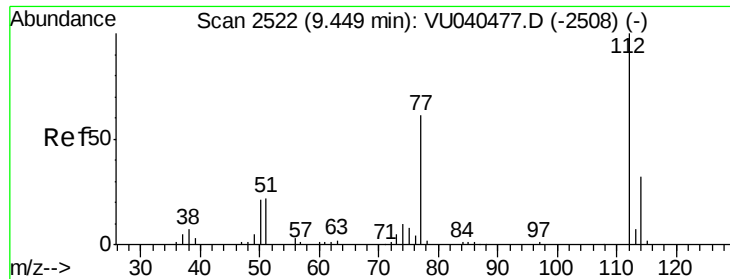
Tot Ion	56	Resp	1985
Ion	Ratio	Lower	Upper
56	100		
69	10.6	23.3	34.9#
84	49.3	64.2	96.4#



#42
Toluene
Concen: 0.179 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040484.D
Acq: 03 Oct 2020 17:04

Tgt Ion	91	Resp	7989
Ion	Ratio	Lower	Upper
91	100		
92	56.7	40.0	74.4

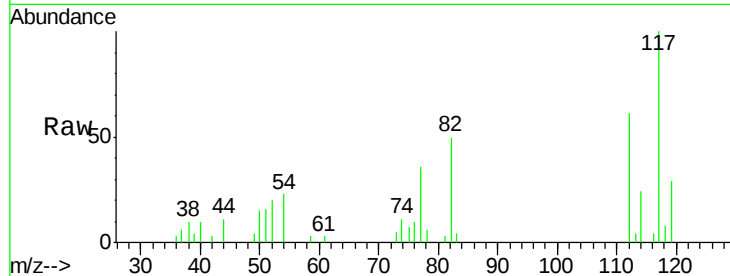




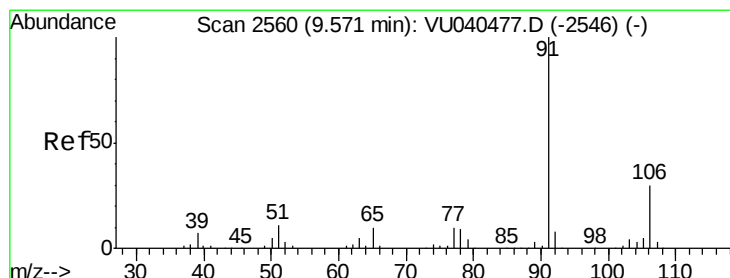
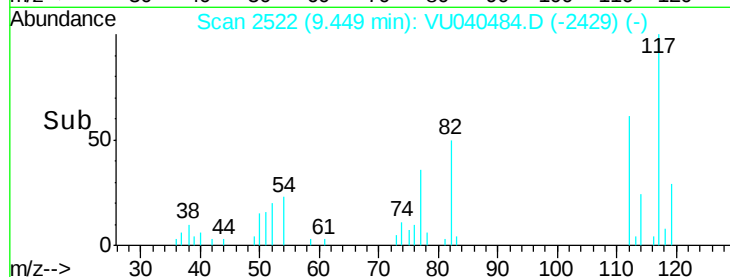
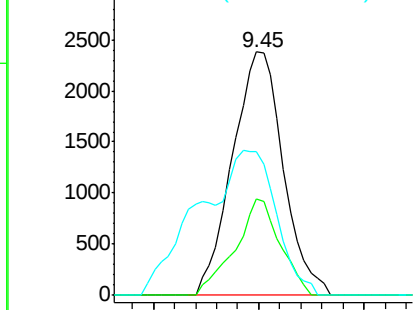
#51
Chlorobenzene
Concen: 0.138 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040484.D
Acq: 03 Oct 2020 17:04

Instrument :
MSVOA_U
ClientSampleId :
BG3T3

Tot Ion:112 Resp: 3982
Ion Ratio Lower Upper
112 100
114 39.8 22.0 40.8
77 58.9 49.5 74.3

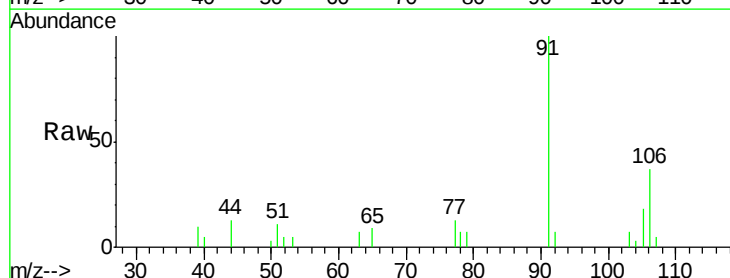


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

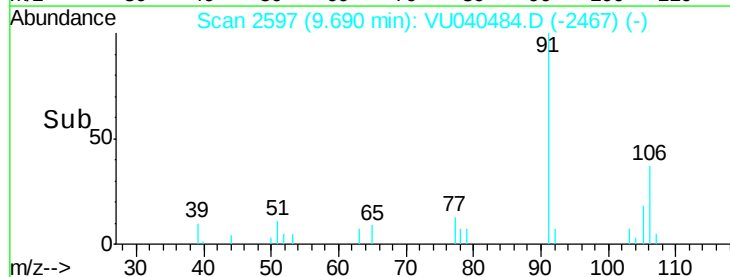
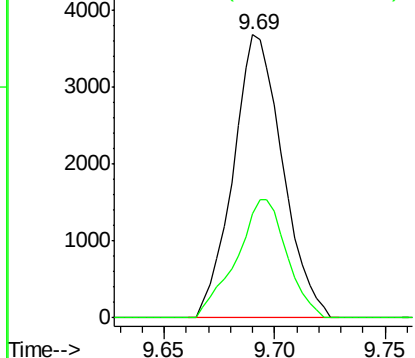


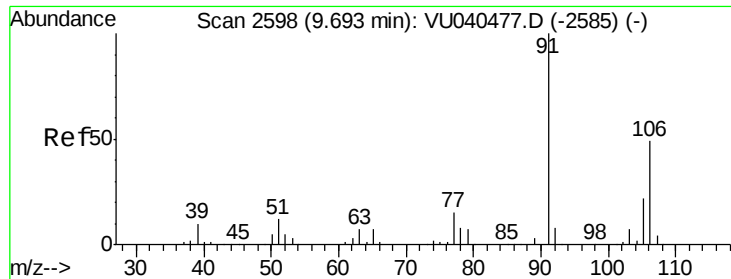
#52
Ethylbenzene
Concen: 0.118 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. 0.12 min
Lab File: VU040484.D
Acq: 03 Oct 2020 17:04

Tgt Ion: 91 Resp: 5742
Ion Ratio Lower Upper
91 100
106 36.6 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): V
Ion 106.15 (105.85 to 106.85): V





#53

m,p-Xylene

Concen: 0.135 ug/L

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU040484.D

Acq: 03 Oct 2020 17:04

Instrument :

MSVOA_U

ClientSampleId :

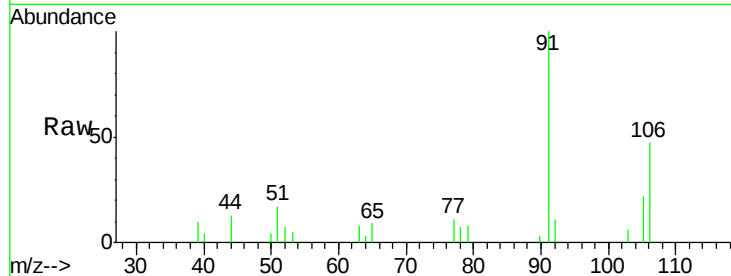
BG3T3

Tot Ion:106 Resp: 2444

Ion Ratio Lower Upper

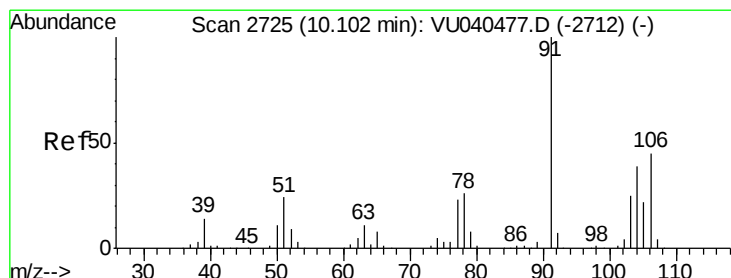
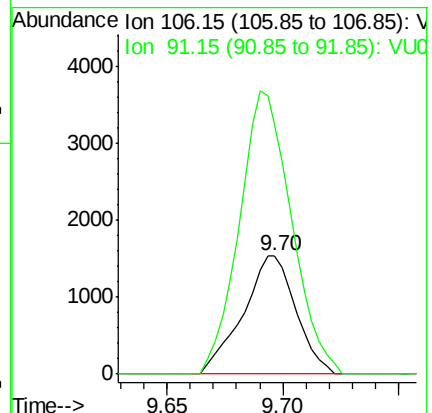
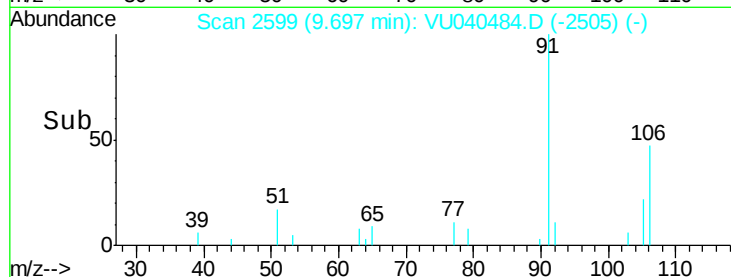
106 100

91 210.7 149.0 276.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#54

o-Xylene

Concen: 0.095 ug/L

RT: 10.10 min Scan# 2726

Delta R.T. 0.00 min

Lab File: VU040484.D

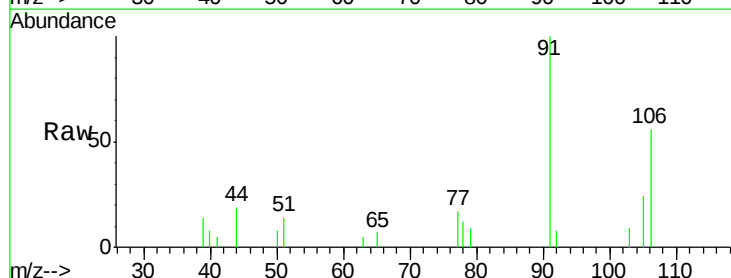
Acq: 03 Oct 2020 17:04

Tgt Ion:106 Resp: 1614

Ion Ratio Lower Upper

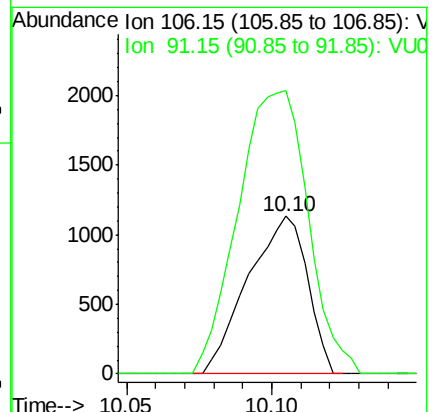
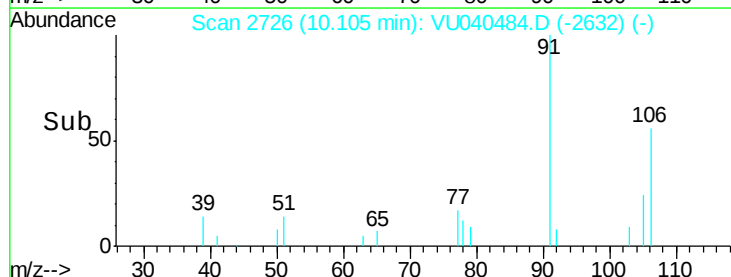
106 100

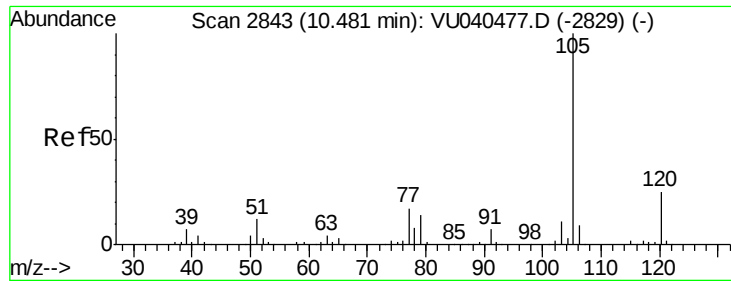
91 179.8 160.9 298.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#56

Isopropylbenzene

Concen: 0.032 ug/L

RT: 10.49 min Scan# 2845

Delta R.T. 0.01 min

Lab File: VU040484.D

Acq: 03 Oct 2020 17:04

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MSVOA_U

ClientSampleId :

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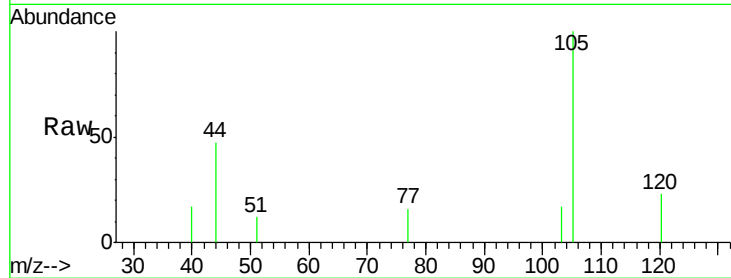
Tot Ion:105 Resp: 1463

Ion Ratio Lower Upper

105 100

120 18.5 20.6 30.8#

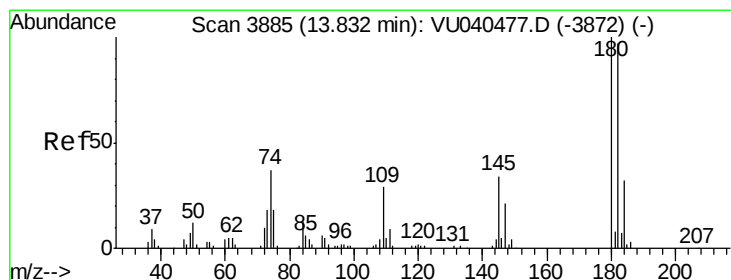
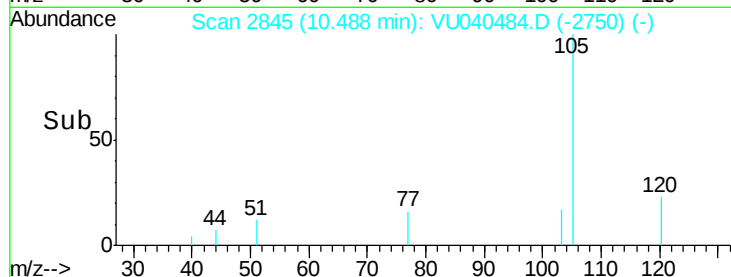
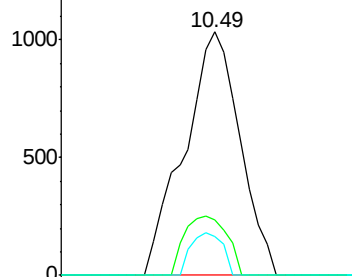
77 9.8 14.3 21.5#



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: 0.304 ug/L

RT: 13.83 min Scan# 3884

Delta R.T. -0.00 min

Lab File: VU040484.D

Acq: 03 Oct 2020 17:04

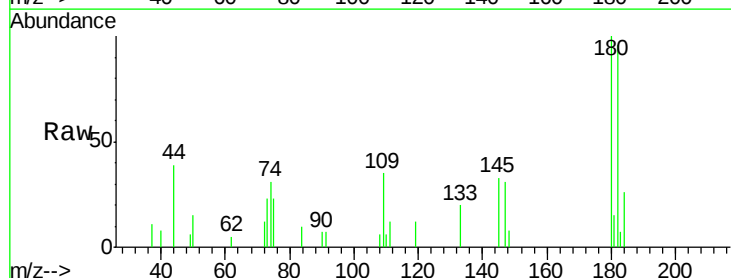
Tgt Ion:180 Resp: 3487

Ion Ratio Lower Upper

180 100

182 84.1 76.6 115.0

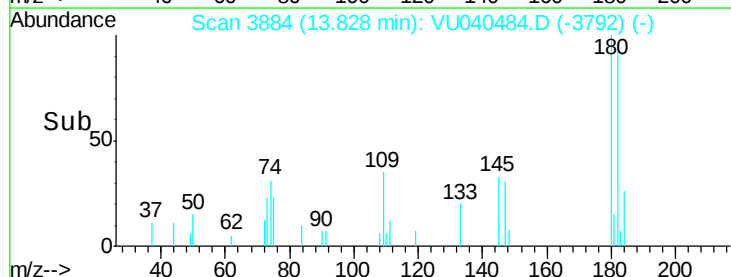
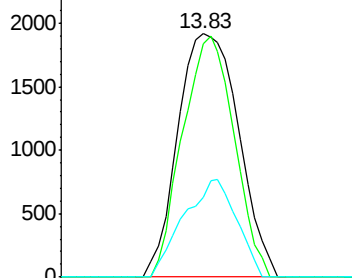
145 34.9 26.3 39.5

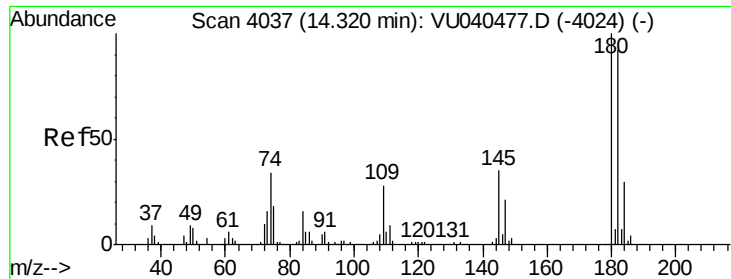


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.113 ug/L
 RT: 14.32 min Scan# 4037
 Delta R.T. -0.00 min
 Lab File: VU040484.D
 Acq: 03 Oct 2020 17:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T3

Tot Ion:180 Resp: 1188
 Ion Ratio Lower Upper
 180 100
 182 103.3 76.6 115.0
 145 40.9 27.8 41.6

