

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040443.D
 Acq On : 02 Oct 2020 00:33
 Operator : SY/MD
 Sample : L4240-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T4

Quant Time: Oct 02 06:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 05:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67495	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24762	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.92	69	26716	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.58	63	45363	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.66	46	193231	54.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.58%
24) Chloroform-d	5.08	84	76645	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.72	65	48765	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.75	84	134705	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.70	67	49751	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	108446	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	19248	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.64	63	132655	54.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48187	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	53169	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

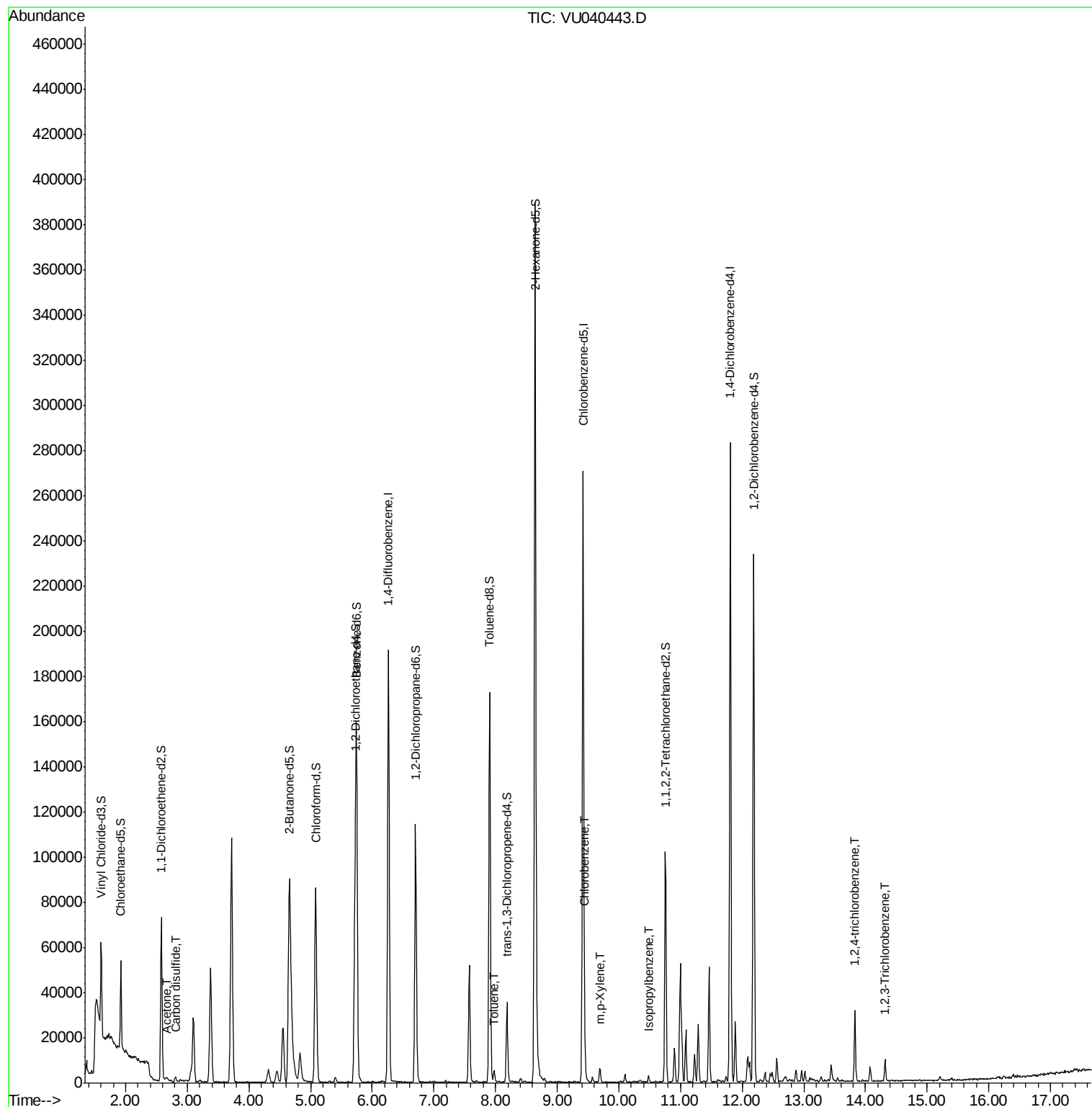
					Ovalue
13) Acetone	2.67	43	2866	0.975 ug/L	77
14) Carbon disulfide	2.81	76	2688	0.078 ug/L	96
42) Toluene	7.98	91	3654	0.076 ug/L	89
51) Chlorobenzene	9.45	112	4949	0.160 ug/L	94
53) m,p-Xylene	9.69	106	2017	0.104 ug/L	73
56) Isopropylbenzene	10.48	105	1943	0.040 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	7970	0.622 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	2643	0.225 ug/L	94

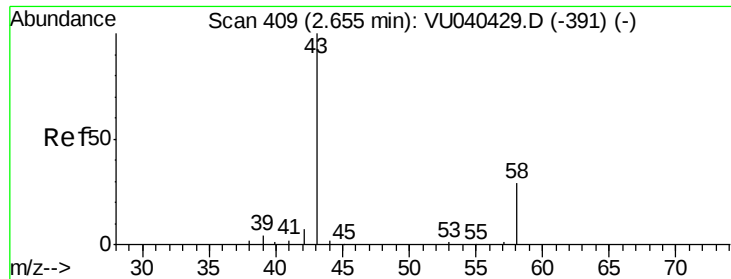
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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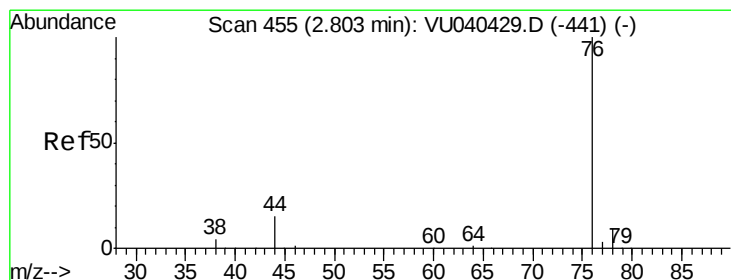
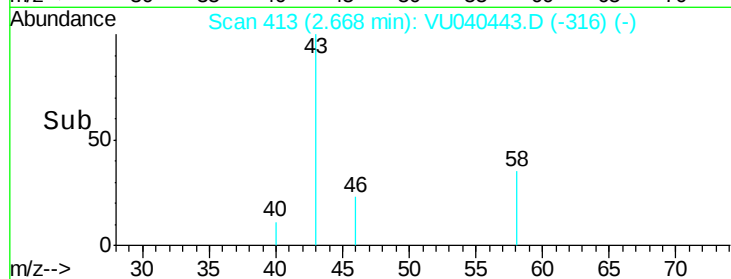
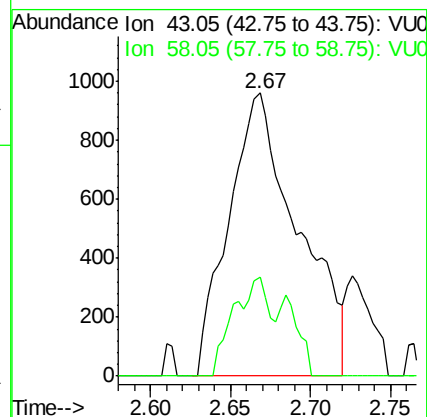
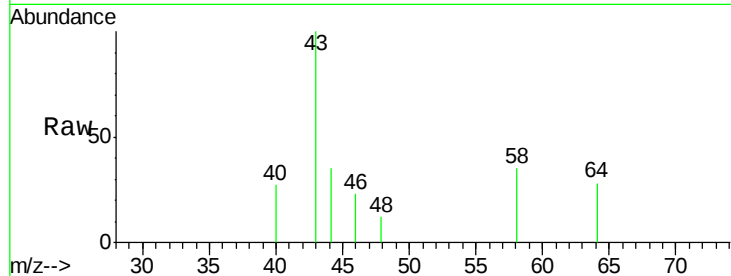




#13
Acetone
Concen: 0.975 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.01 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

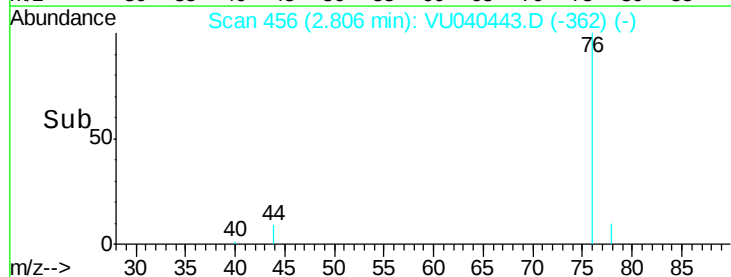
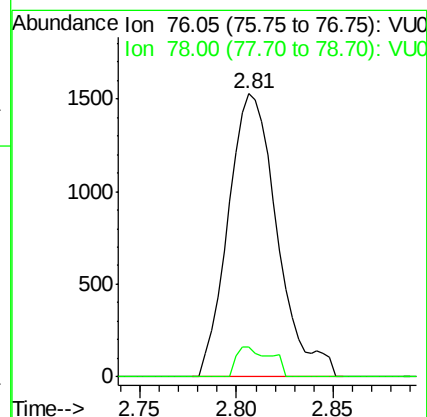
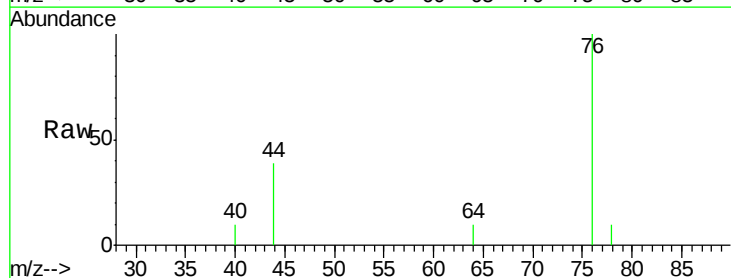
Instrument :
MSVOA_U
ClientSampleId :
BG3T4

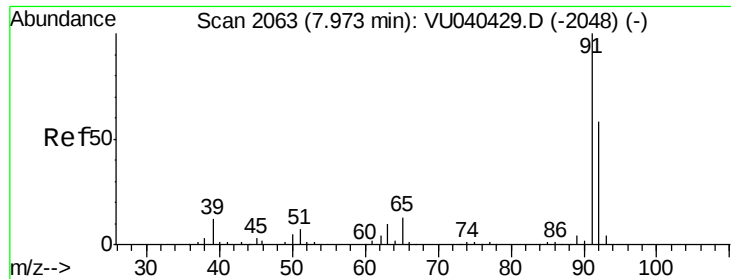
Tot Ion: 43 Resp: 2866
Ion Ratio Lower Upper
43 100
58 18.1 0.0 61.8



#14
Carbon disulfide
Concen: 0.078 ug/L
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion: 76 Resp: 2688
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8





#42

Toluene

Concen: 0.076 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040443.D

Acq: 02 Oct 2020 00:33

Instrument :

MSVOA_U

ClientSampleId :

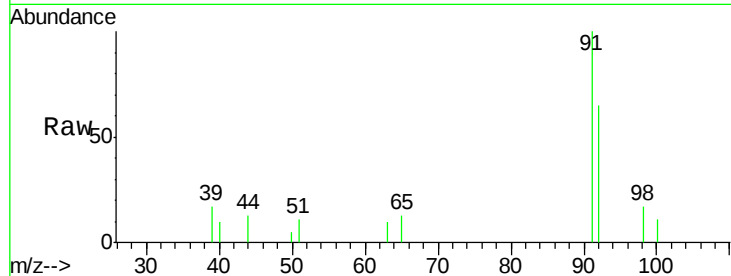
BG3T4

Tot Ion: 91 Resp: 3654

Ion Ratio Lower Upper

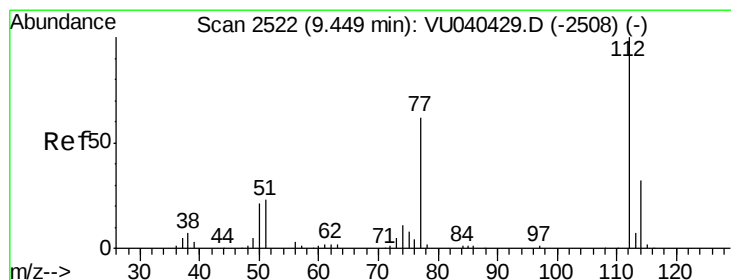
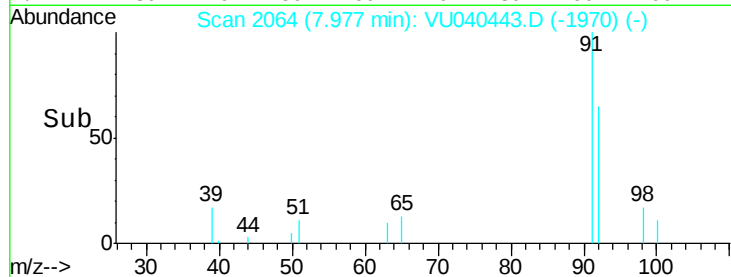
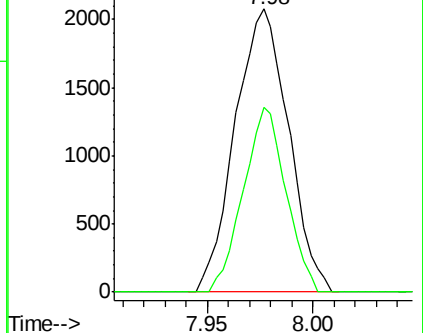
91 100

92 65.5 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VU040429.D (-2048) (-)

Ion 92.15 (91.85 to 92.85): VU040429.D (-2048) (-)



#51

Chlorobenzene

Concen: 0.160 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU040443.D

Acq: 02 Oct 2020 00:33

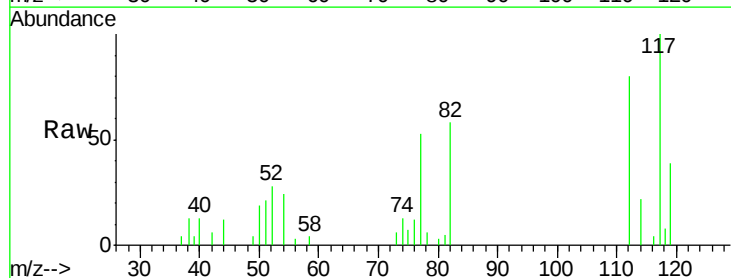
Tgt Ion: 112 Resp: 4949

Ion Ratio Lower Upper

112 100

114 27.0 22.0 40.8

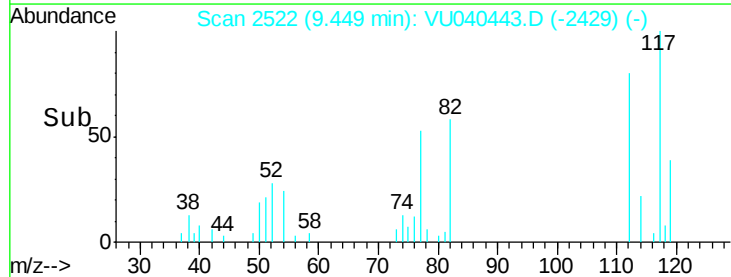
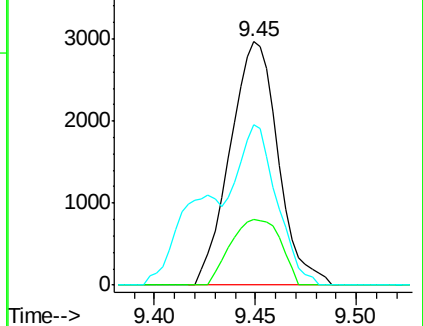
77 65.9 49.5 74.3

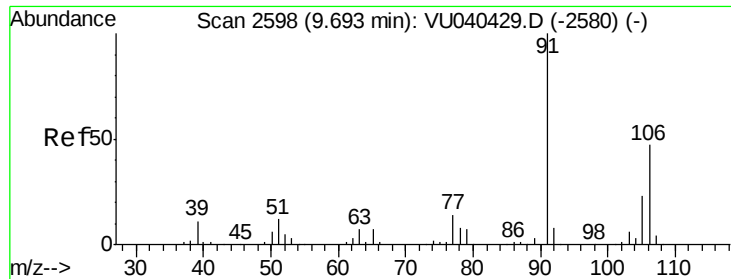


Abundance Ion 112.10 (111.80 to 112.80): VU040429.D (-2508) (-)

Ion 114.05 (113.75 to 114.75): VU040429.D (-2508) (-)

Ion 77.10 (76.80 to 77.80): VU040429.D (-2508) (-)

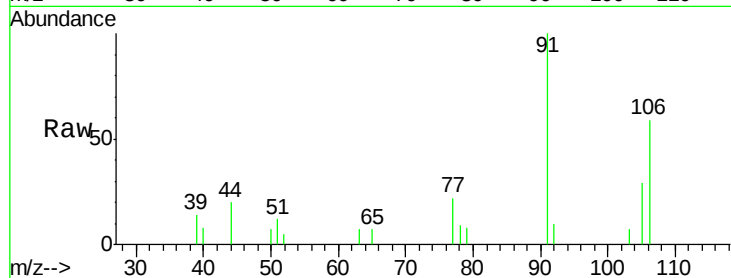




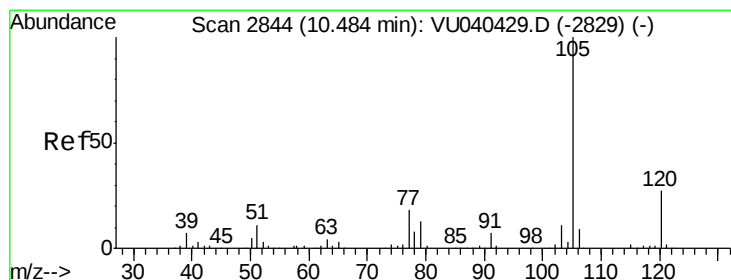
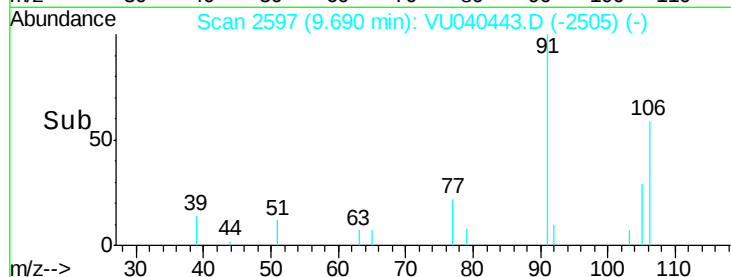
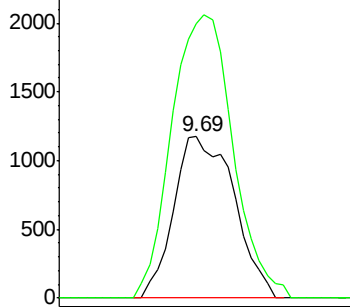
#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Instrument :
MSVOA_U
ClientSampled :
BG3T4

Tot Ion:106 Resp: 2017
Ion Ratio Lower Upper
106 100
91 170.0 149.0 276.6

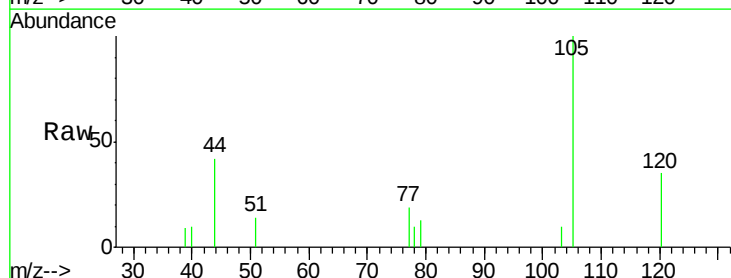


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

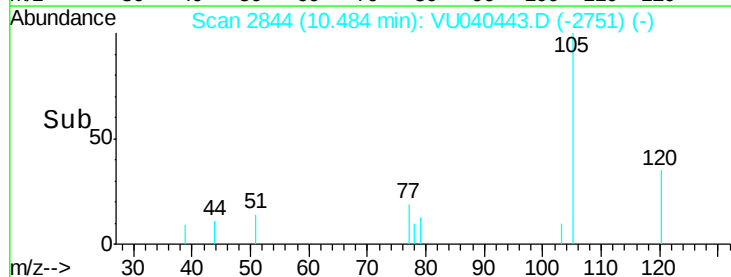
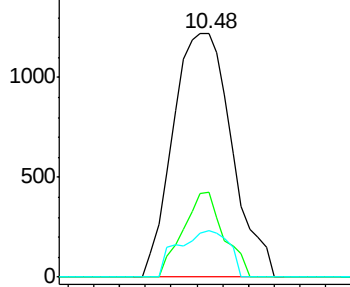


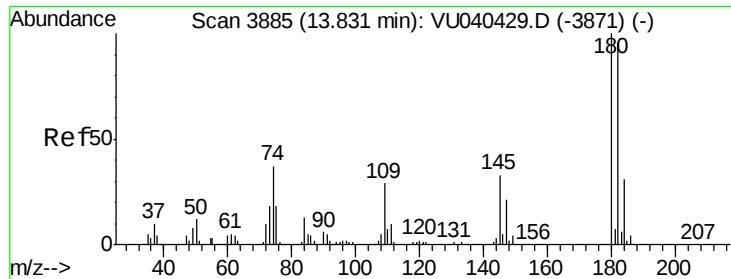
#56
Isopropylbenzene
Concen: 0.040 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040443.D
Acq: 02 Oct 2020 00:33

Tgt Ion:105 Resp: 1943
Ion Ratio Lower Upper
105 100
120 24.1 20.6 30.8
77 16.5 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): VU0

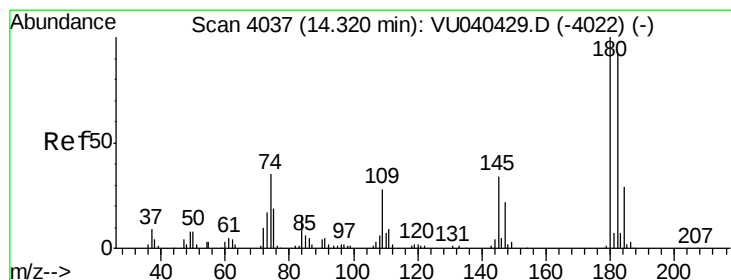
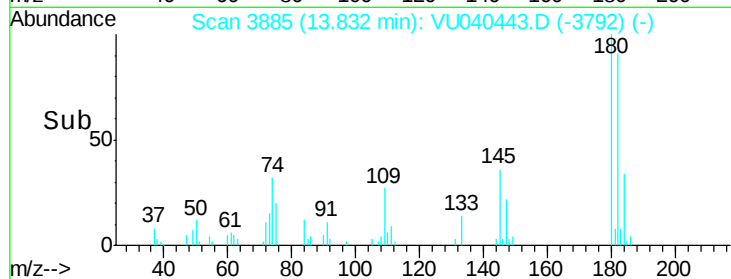
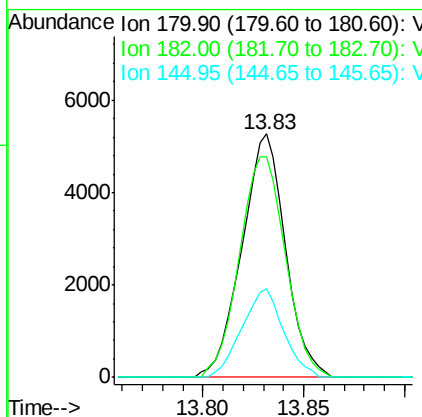
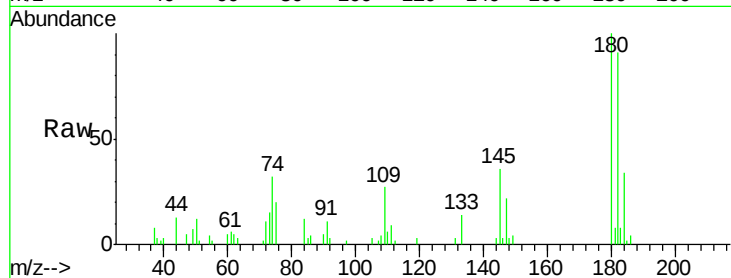




#68
 1,2,4-trichlorobenzene
 Concen: 0.622 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040443.D
 Acq: 02 Oct 2020 00:33

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3T4

Tot Ion:180 Resp: 7970
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 115.0
 145 34.7 26.3 39.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.225 ug/L
 RT: 14.32 min Scan# 4036
 Delta R.T. -0.00 min
 Lab File: VU040443.D
 Acq: 02 Oct 2020 00:33

Tgt Ion:180 Resp: 2643
 Ion Ratio Lower Upper
 180 100
 182 103.1 76.6 115.0
 145 36.6 27.8 41.6

