

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040157.D
 Acq On : 16 Sep 2020 18:47
 Operator : SY/MD
 Sample : L4041-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD7

Quant Time: Sep 17 02:01:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	103412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104359	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	45379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27144	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.92	69	24335	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.58	63	45103	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.66	46	103354	45.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.52%
24) Chloroform-d	5.08	84	57953	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	37108	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.75	84	107932	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	36200	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	84179	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.19	79	13489	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.64	63	71319	40.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	31298	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	34535	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

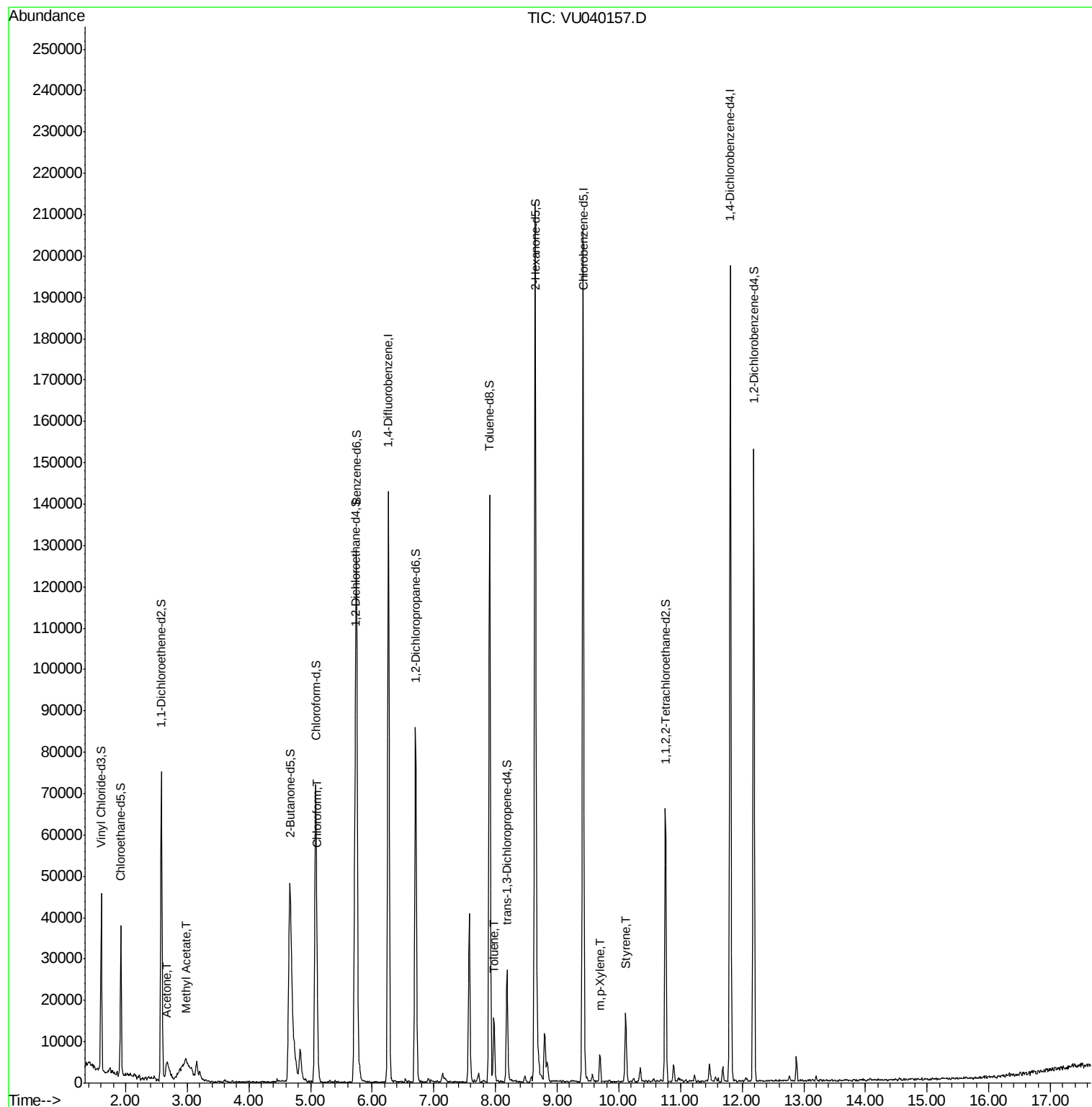
					Ovalue
13) Acetone	2.68	43	11067	5.294	ug/L 64
15) Methyl Acetate	2.98	43	3505	0.668	ug/L # 78
25) Chloroform	5.11	83	5719	0.315	ug/L 97
42) Toluene	7.98	91	10002	0.260	ug/L 99
53) m,p-Xylene	9.69	106	1792	0.115	ug/L 85
55) Styrene	10.11	104	6660	0.258	ug/L 98

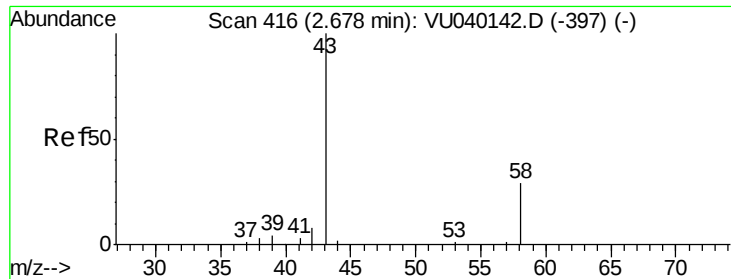
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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C0AD7

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.294 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.00 min

Lab File: VU040157.D

Acq: 16 Sep 2020 18:47

Instrument :

MSVOA_U

ClientSampleId :

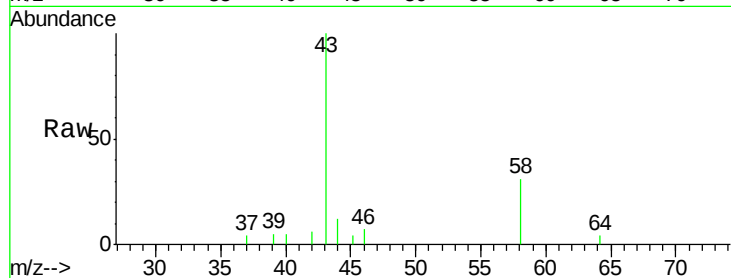
C0AD7

Tot Ion: 43 Resp: 11067

Ion Ratio Lower Upper

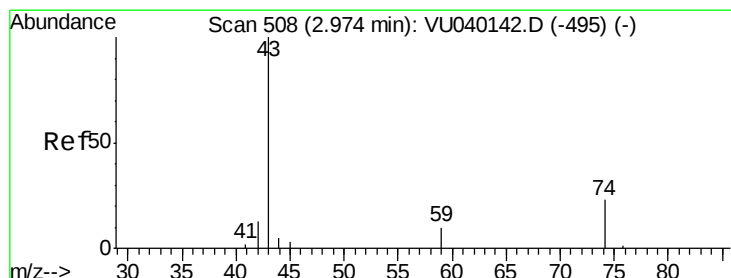
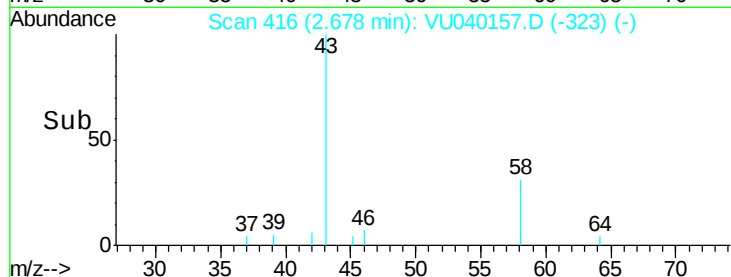
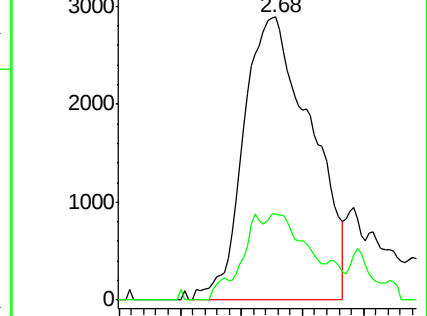
43 100

58 9.1 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.668 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.00 min

Lab File: VU040157.D

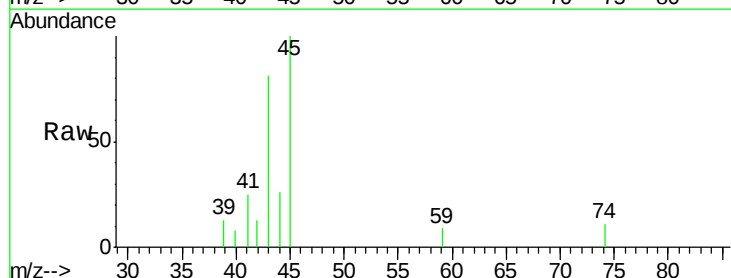
Acq: 16 Sep 2020 18:47

Tgt Ion: 43 Resp: 3505

Ion Ratio Lower Upper

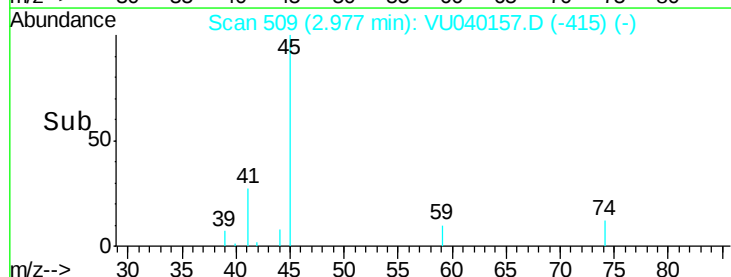
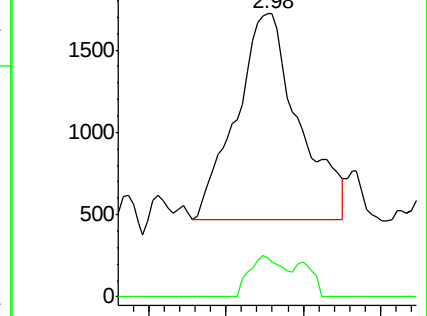
43 100

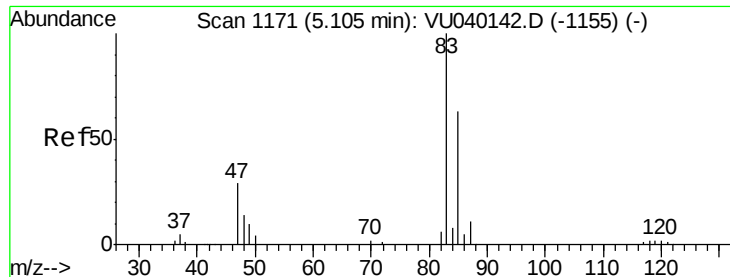
74 11.2 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

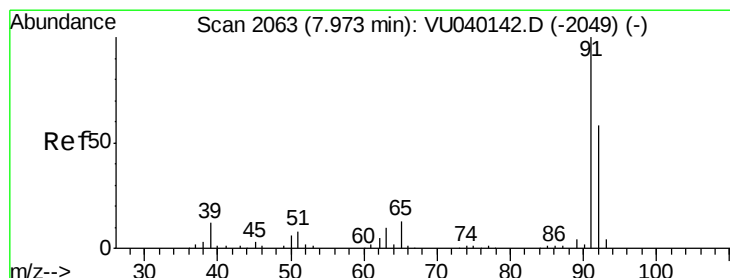
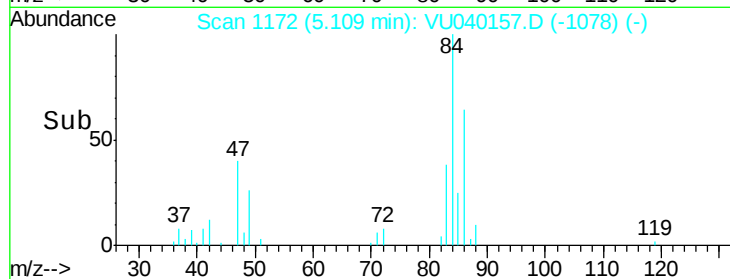
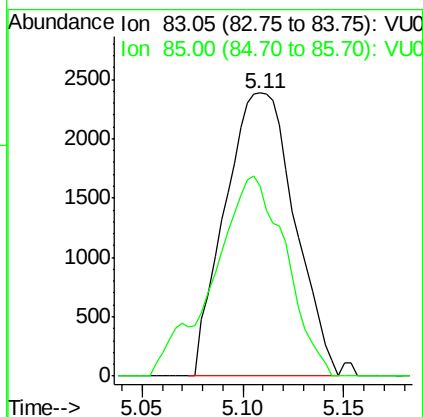
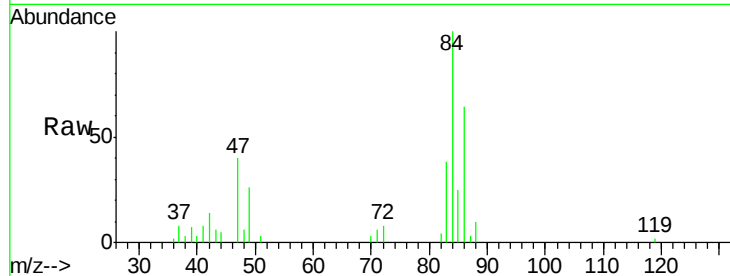




#25
Chloroform
Concen: 0.315 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040157.D
Acq: 16 Sep 2020 18:47

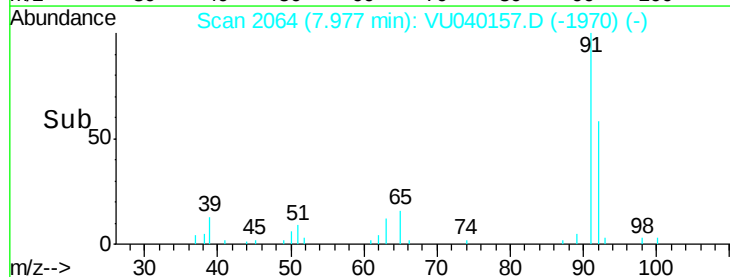
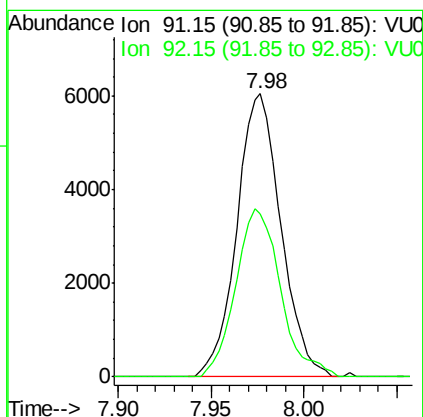
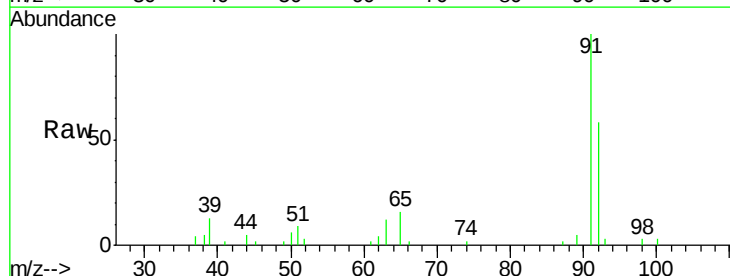
Instrument :
MSVOA_U
ClientSampleId :
C0AD7

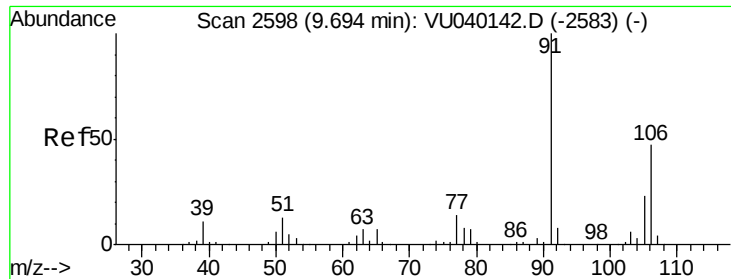
Tot Ion: 83 Resp: 5719
Ion Ratio Lower Upper
83 100
85 67.0 45.3 84.1



#42
Toluene
Concen: 0.260 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040157.D
Acq: 16 Sep 2020 18:47

Tgt Ion: 91 Resp: 10002
Ion Ratio Lower Upper
91 100
92 57.5 40.7 75.5





#53

m,p-Xylene

Concen: 0.115 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040157.D

Acq: 16 Sep 2020 18:47

Instrument :

MSVOA_U

ClientSampled :

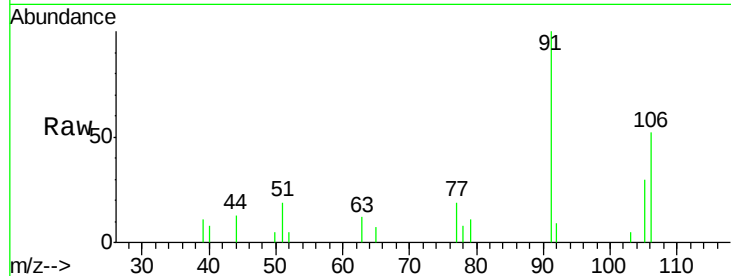
C0AD7

Tot Ion:106 Resp: 1792

Ion Ratio Lower Upper

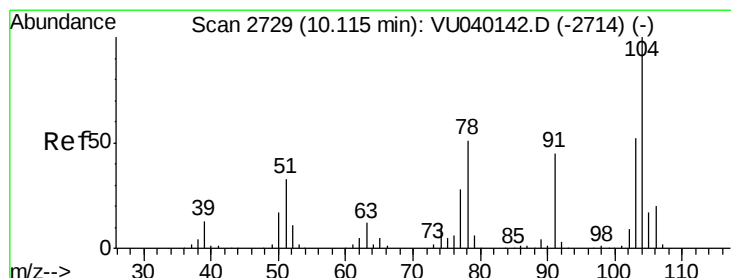
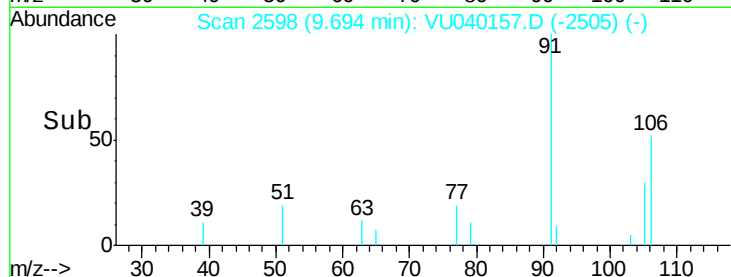
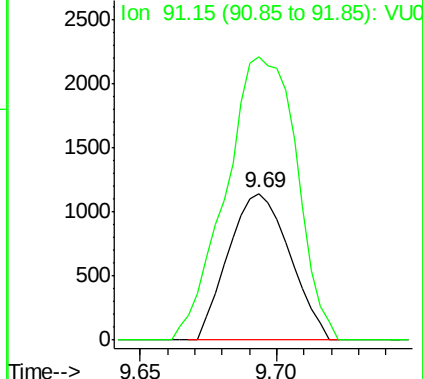
106 100

91 192.6 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 0.258 ug/L

RT: 10.11 min Scan# 2728

Delta R.T. -0.00 min

Lab File: VU040157.D

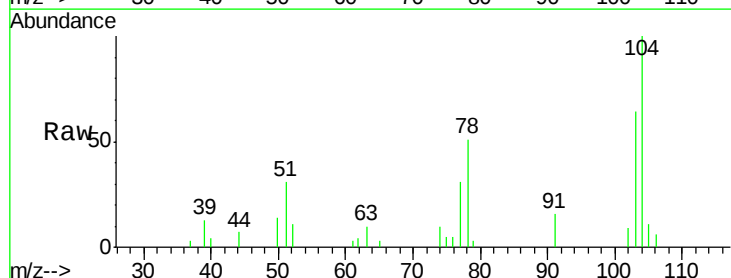
Acq: 16 Sep 2020 18:47

Tgt Ion:104 Resp: 6660

Ion Ratio Lower Upper

104 100

78 50.7 36.8 68.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0

