Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039412.D
Acq On : 09 Jul 2020 22:48
Operator : SY/MD
Sample : L3244-09DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Quant Time: Jul 10 02:22:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 02:02:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	102813	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	94233	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46194	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	25565	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.93	69	33078	5.43	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 108.60%			
11) 1,1-Dichloroethene-d2	2.58	63	41494	3.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.80%			
20) 2-Butanone-d5	4.66	46	150664	55.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.52%			
24) Chloroform-d	5.08	84	63455	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.72	65	42829	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
32) Benzene-d6	5.75	84	125362	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.71	67	43639	5.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.60%			
41) Toluene-d8	7.91	98	105728	5.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.60%			
43) trans-1,3-Dichloropropene-	8.19	79	17092	4.86	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.20%			
46) 2-Hexanone-d5	8.64	63	111819	53.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.12%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	40761	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44226	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
30) Cyclohexane	5.41	56	5838	0.500	ug/L	99
35) Methylcyclohexane	6.78	83	4352	0.373	ug/L #	79
42) Toluene	7.98	91	4410	0.146	ug/L #	76
52) Ethylbenzene	9.57	91	302284	9.066	ug/L	99
53) m,p-Xylene	9.70	106	59613	4.745	ug/L	100
54) o-Xylene	10.10	106	36263	2.965	ug/L	98
56) Isopropylbenzene	10.48	105	32788	0.991	ug/L	98

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

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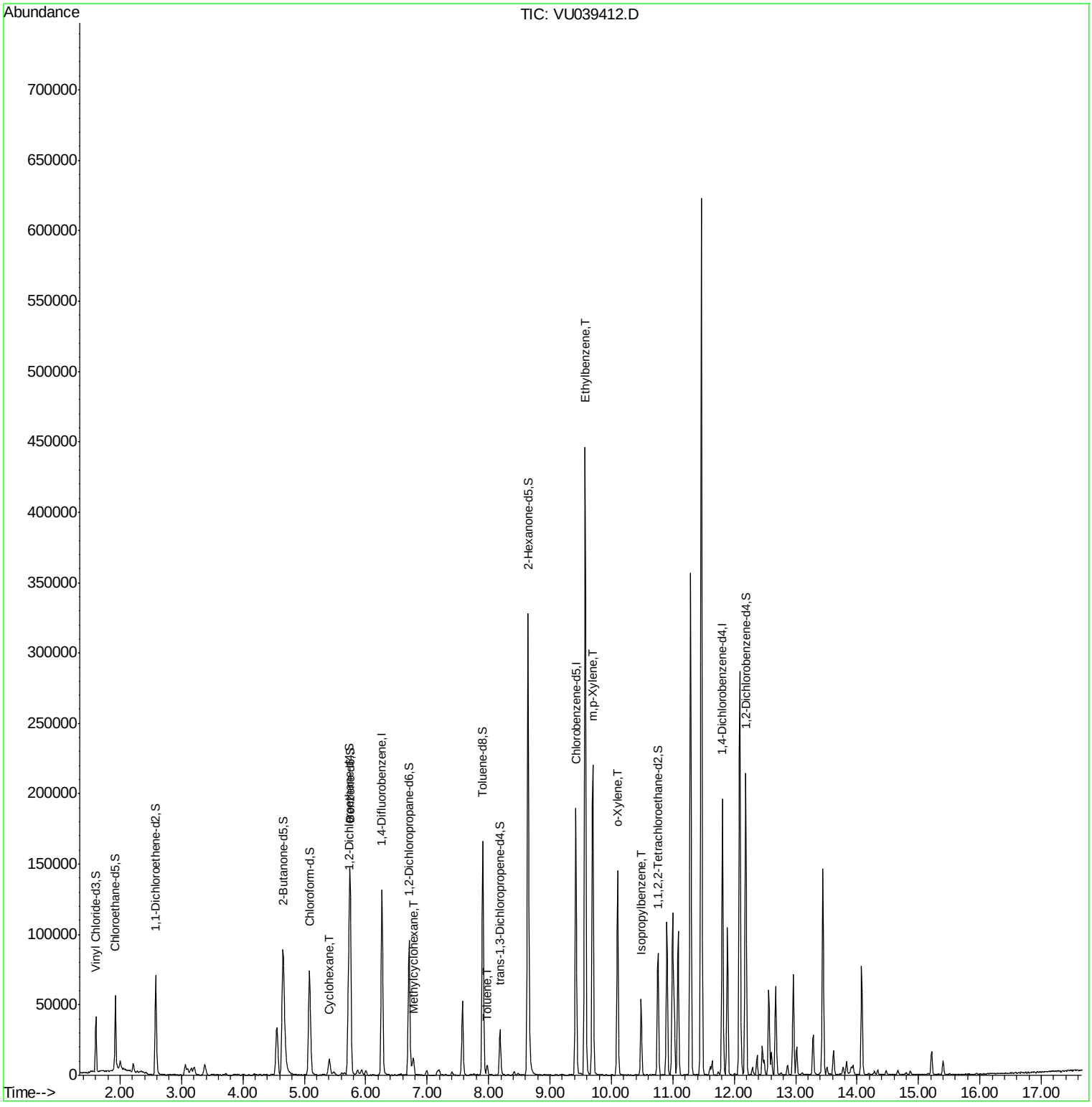
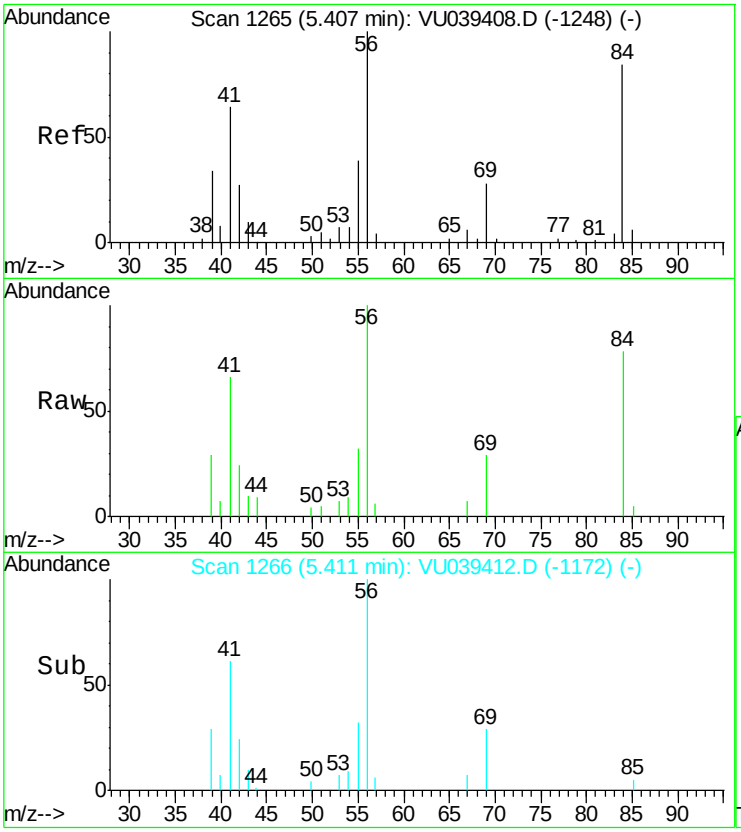


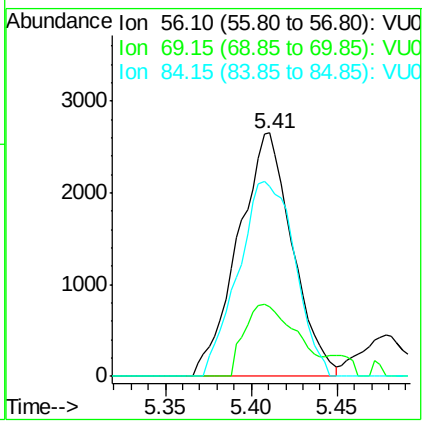


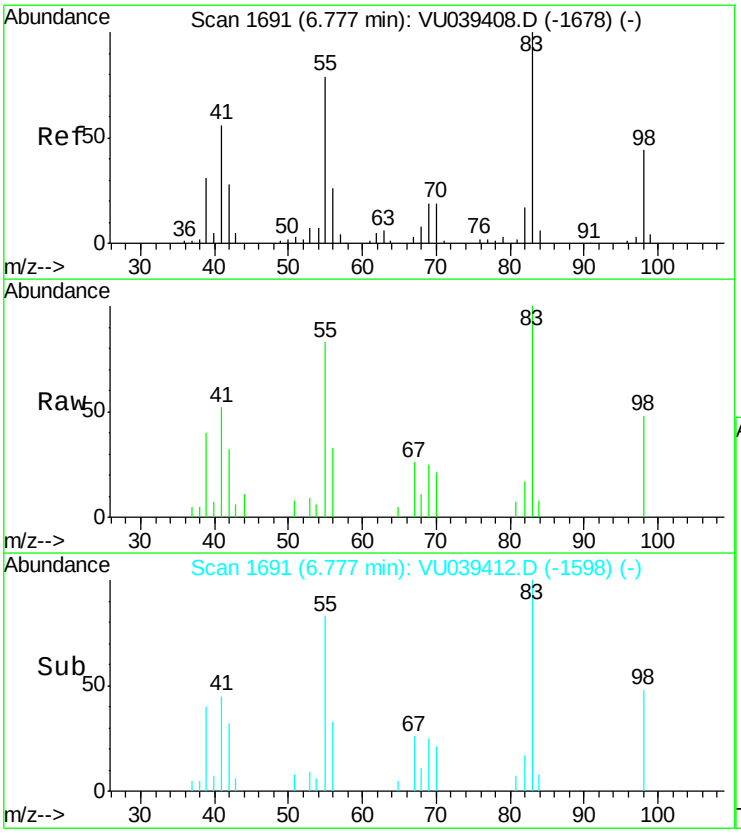
#30
Cyclohexane
Concen: 0.500 ug/L
RT: 5.41 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Tgt Ion: 56 Resp: 5838

Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.1	36.1
84	83.4	67.0	100.6

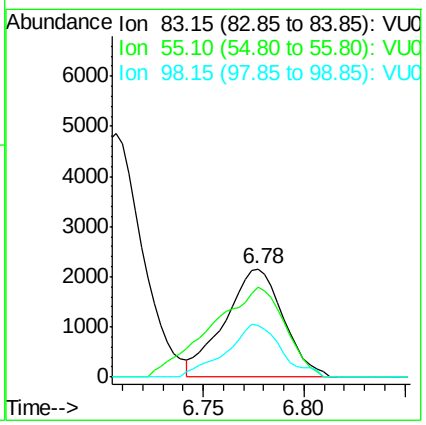


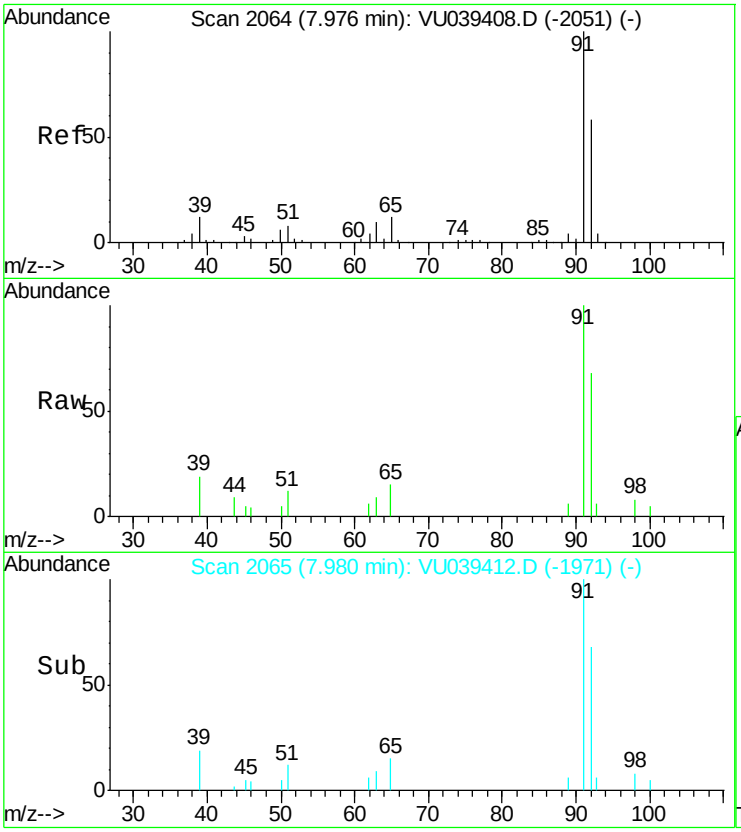


#35
Methylcyclohexane
Concen: 0.373 ug/L
RT: 6.78 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Tgt Ion: 83 Resp: 4352

Ion	Ratio	Lower	Upper
83	100		
55	104.9	62.1	93.1#
98	46.1	35.9	53.9



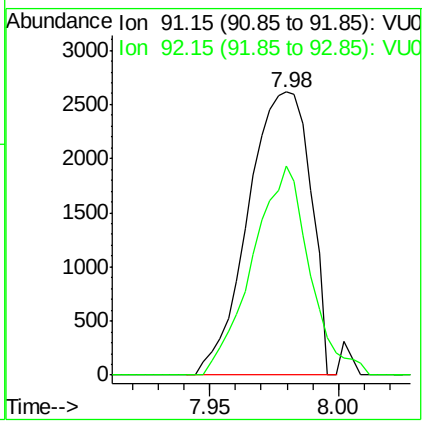


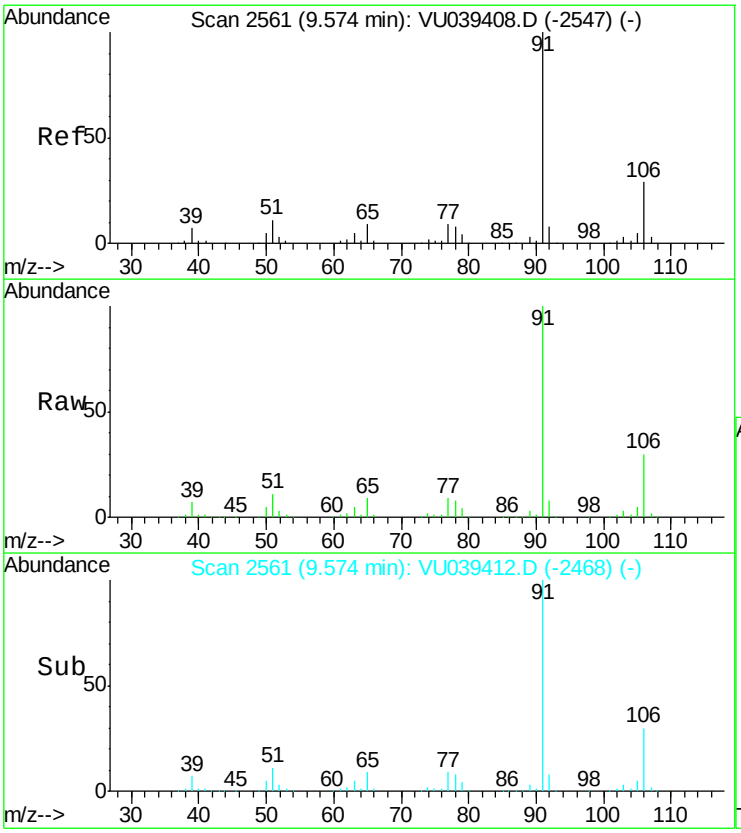
#42
Toluene
Concen: 0.146 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Instrument : MSVOA_U
ClientSampleId : F4B15DL

Tgt Ion: 91 Resp: 4410

Ion	Ratio	Lower	Upper
91	100		
92	74.1	39.3	73.1#

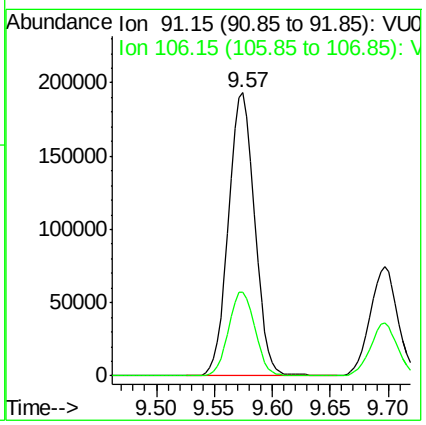


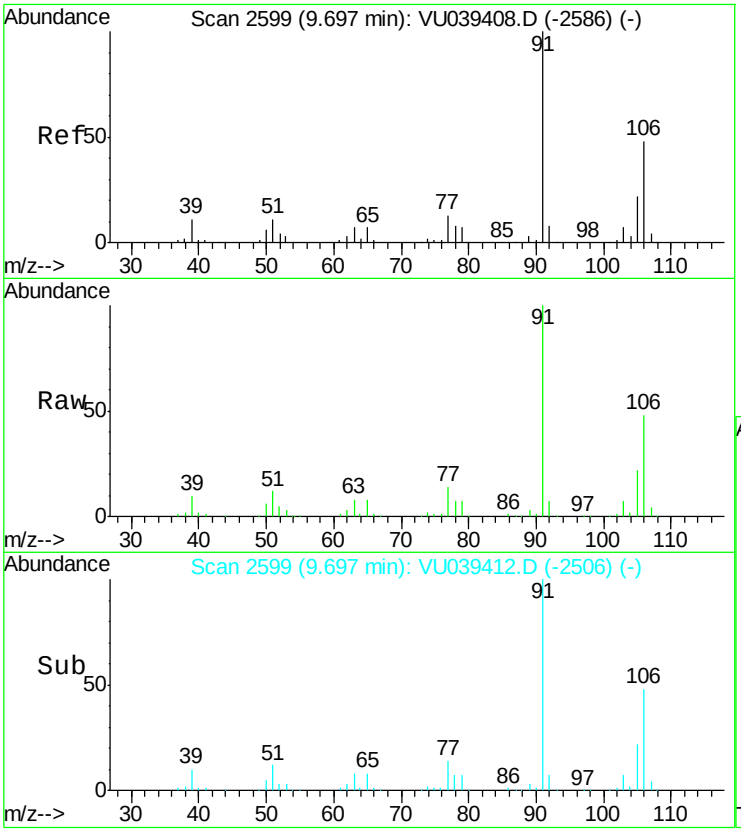


#52
Ethylbenzene
Concen: 9.066 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Tgt Ion: 91 Resp: 302284

Ion	Ratio	Lower	Upper
91	100		
106	29.7	21.3	39.6



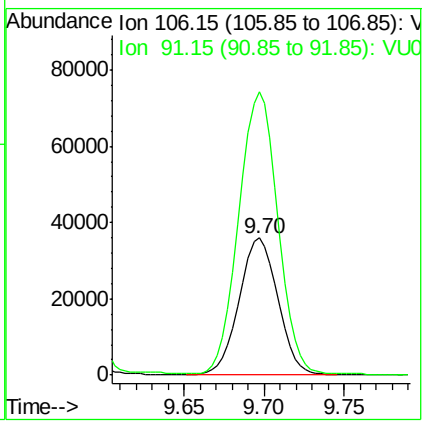


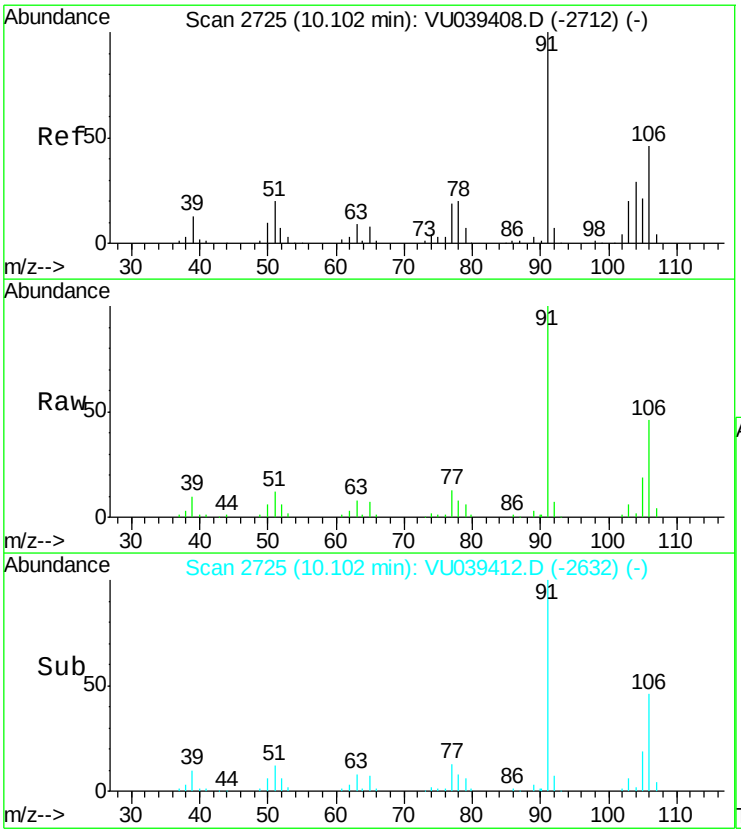
#53
m,p-Xylene
Concen: 4.745 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Instrument :
MSVOA_U
ClientSampleId :
F4B15DL

Tgt Ion:106 Resp: 59613

Ion	Ratio	Lower	Upper
106	100		
91	206.3	144.0	267.4

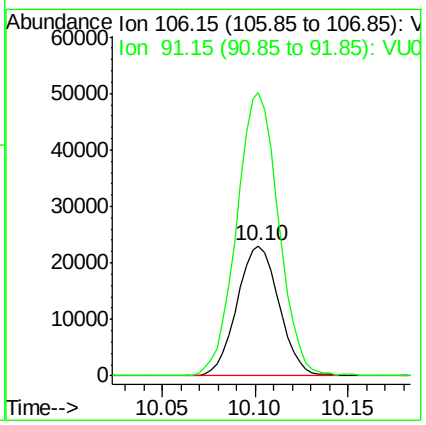


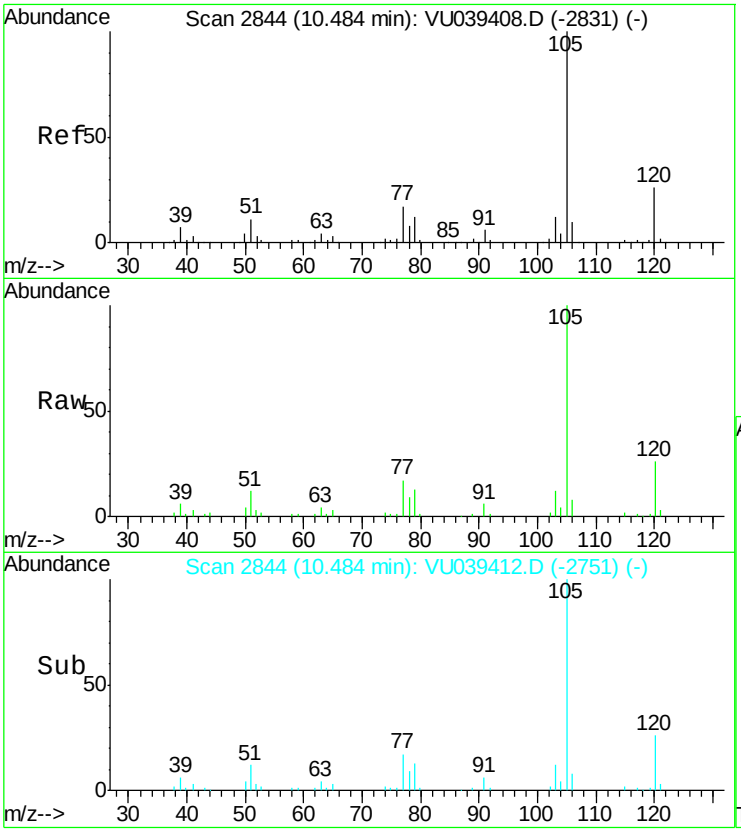


#54
o-Xylene
Concen: 2.965 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Tgt Ion:106 Resp: 36263

Ion	Ratio	Lower	Upper
106	100		
91	217.5	154.6	287.2





#56
Isopropylbenzene
Concen: 0.991 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU039412.D
Acq: 09 Jul 2020 22:48

Instrument :
MSVOA_U
ClientSampleId :
F4B15DL

Tgt Ion:105 Resp: 32788

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.7	31.1
77	16.8	13.9	20.9