Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039601.D
Acq On : 21 Jul 2020 16:56
Operator : SY/MD
Sample : L3348-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 22 03:01:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : GAXZ2

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	109838	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104059	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47687	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33337	6.54	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 130.80%#			
7) Chloroethane-d5	1.93	69	36827	6.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 132.40%#			
11) 1,1-Dichloroethene-d2	2.58	63	52005	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	4.65	46	124365	54.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.16%			
24) Chloroform-d	5.09	84	68769	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	5.72	65	44113	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
32) Benzene-d6	5.74	84	136329	5.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.00%			
36) 1,2-Dichloropropane-d6	6.71	67	45436	5.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.40%			
41) Toluene-d8	7.91	98	122481	5.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.40%			
43) trans-1,3-Dichloropropene-	8.19	79	17380	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.64	63	89850	51.33	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.66%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37362	4.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44811	5.23	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.60%			

Target Compounds						Qvalue
13) Acetone	2.66	43	3147	2.459	ug/L	72
14) Carbon disulfide	2.81	76	2287	0.146	ug/L #	87
30) Cyclohexane	5.40	56	2045m	0.211	ug/L	
33) Benzene	5.80	78	4148	0.166	ug/L	100
35) Methylcyclohexane	6.77	83	3018	0.298	ug/L #	87
42) Toluene	7.98	91	13913	0.508	ug/L	95
52) Ethylbenzene	9.57	91	7149	0.230	ug/L	96
53) m,p-Xylene	9.70	106	2887	0.248	ug/L	97
54) o-Xylene	10.10	106	2661	0.235	ug/L	99

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

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Instrument :
MSVOA_U
ClientSampleId :
GAXZ2

Manual Integrations APPROVED
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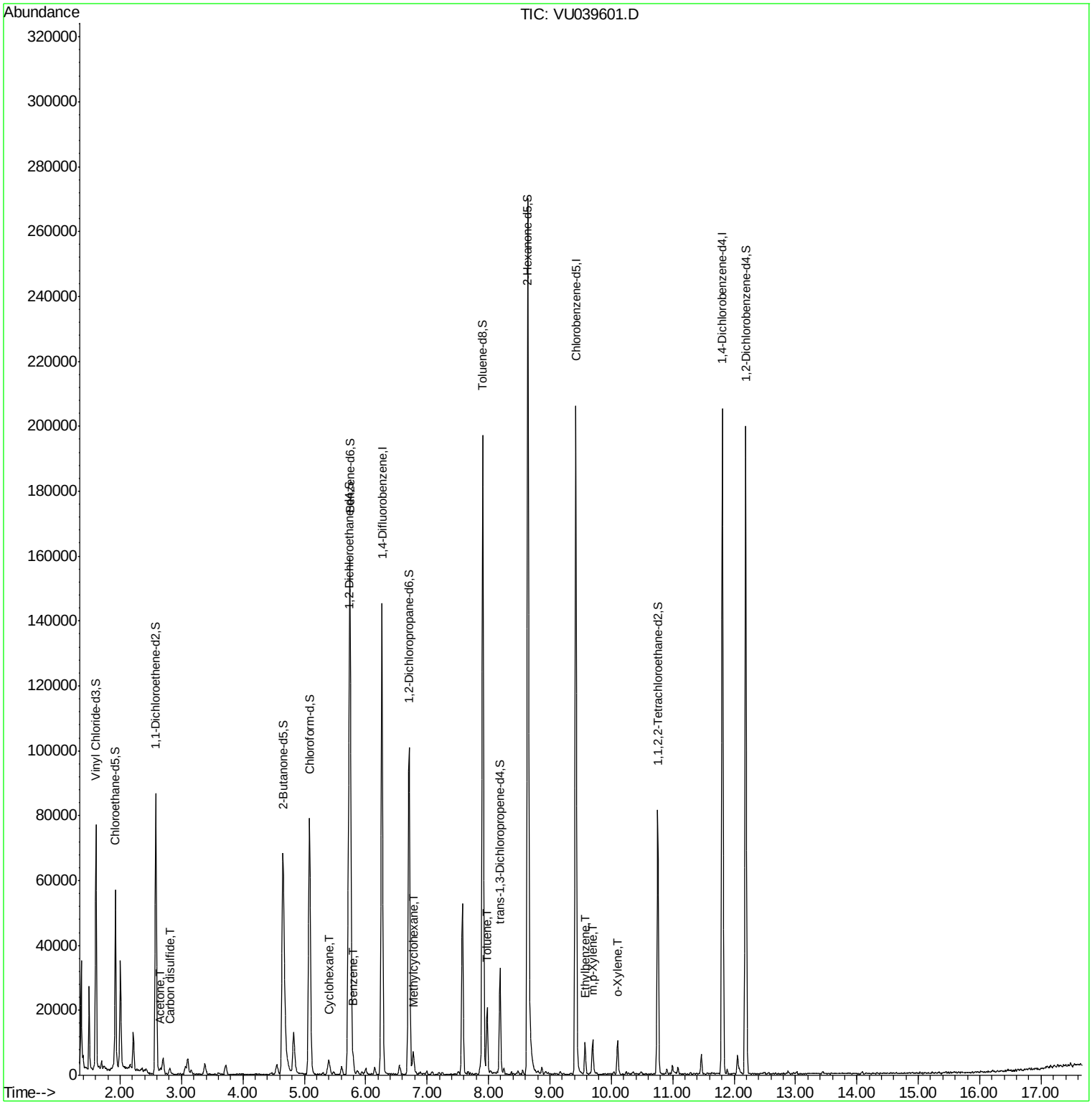

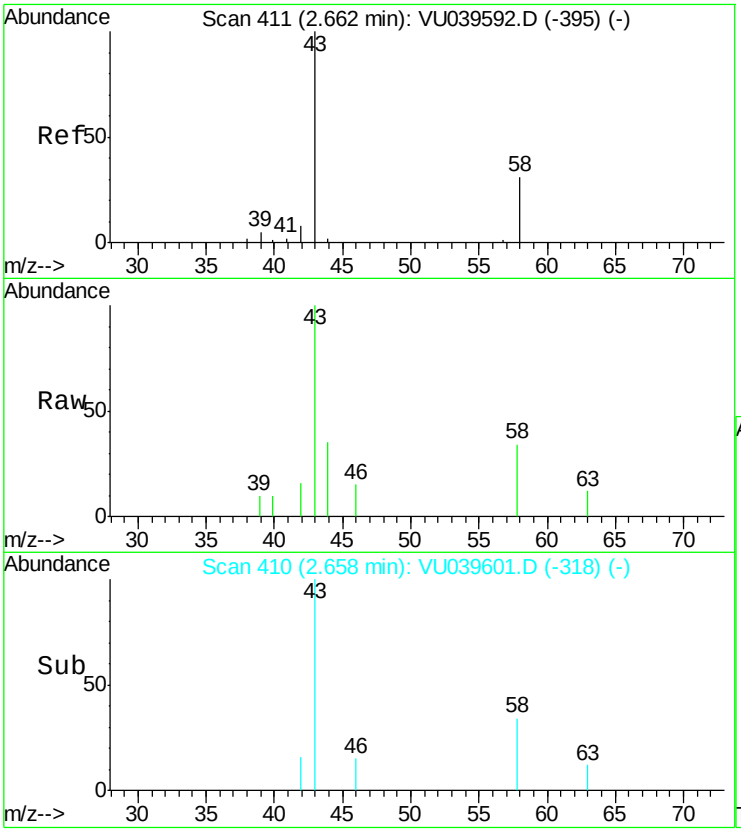

#13
Acetone
Concen: 2.459 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 43 Resp: 3147

Ion	Ratio	Lower	Upper
43	100		
58	14.2	0.0	59.0

Instrument :
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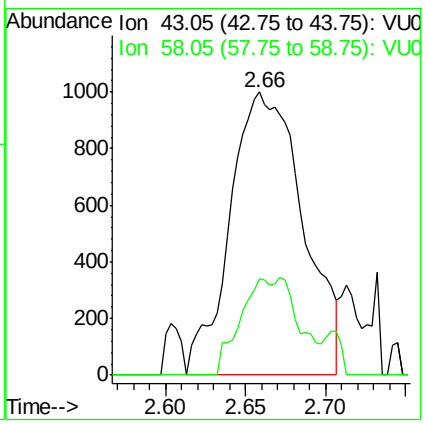
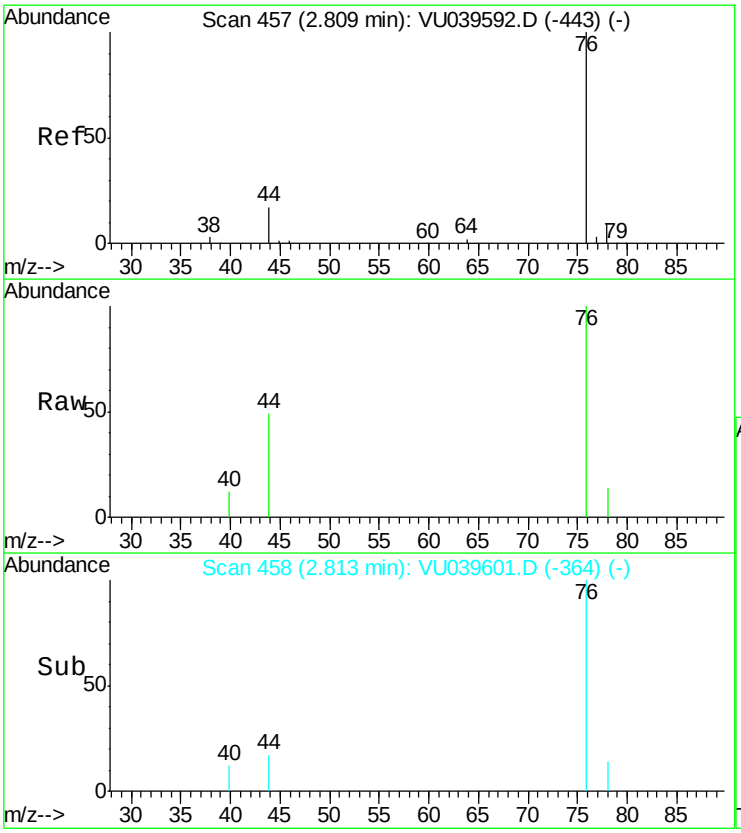
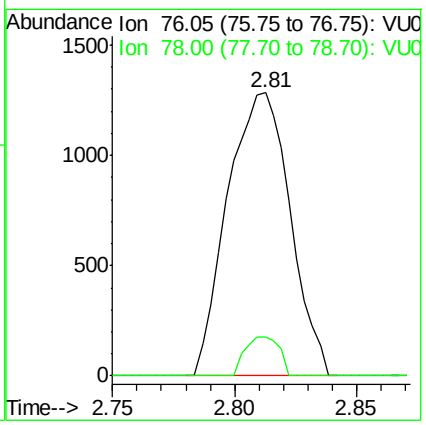


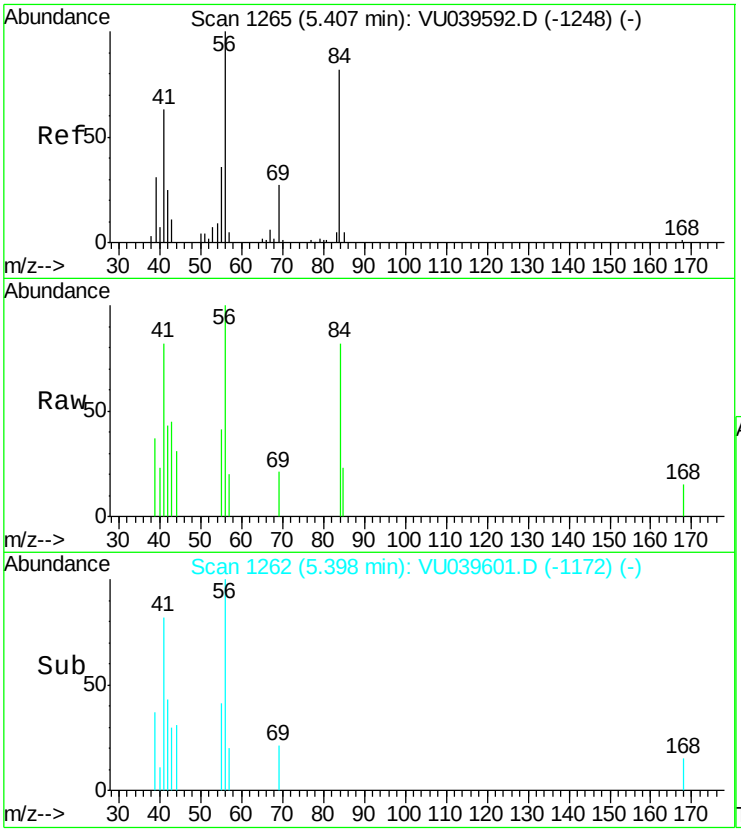


#14
Carbon disulfide
Concen: 0.146 ug/L
RT: 2.81 min Scan# 458
Delta R.T. 0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 76 Resp: 2287

Ion	Ratio	Lower	Upper
76	100		
78	13.9	7.2	10.8#

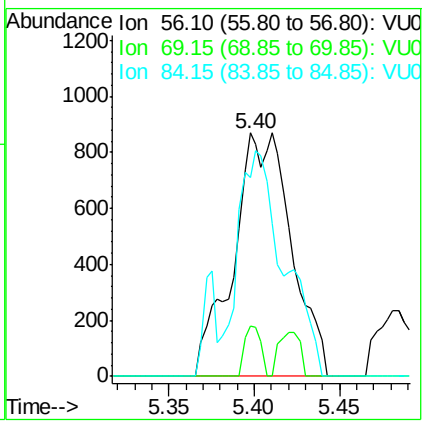




#30
Cyclohexane
Concen: 0.211 ug/L m
RT: 5.40 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 56 Resp: 2045

Ion	Ratio	Lower	Upper
56	100		
69	5.8	24.0	36.0#
84	72.8	69.8	104.6



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ClientSampleId :
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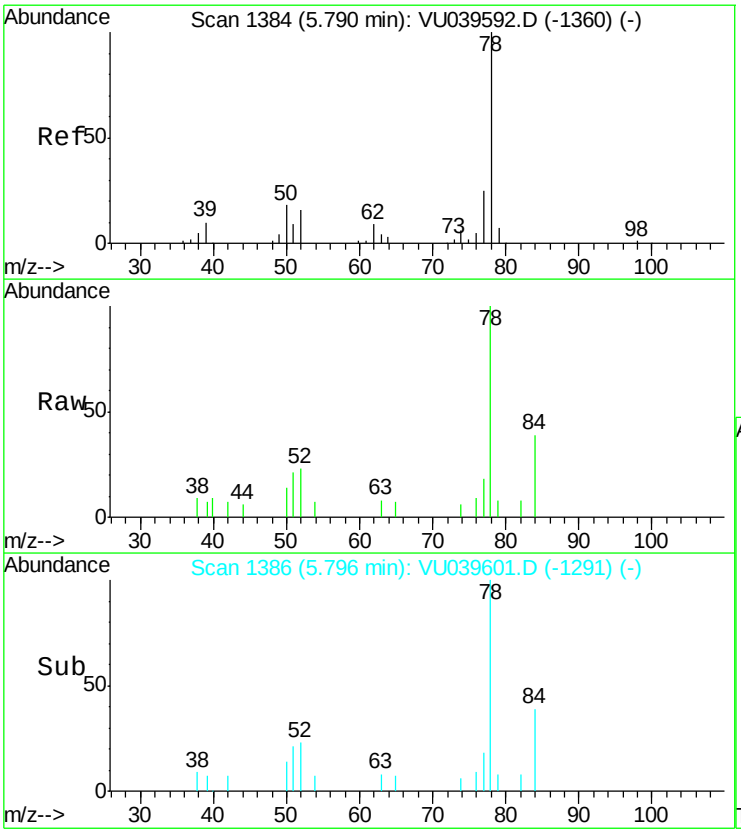
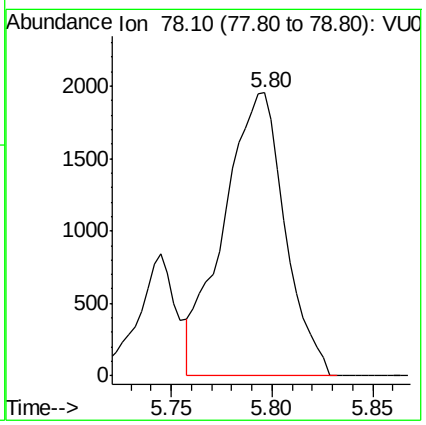
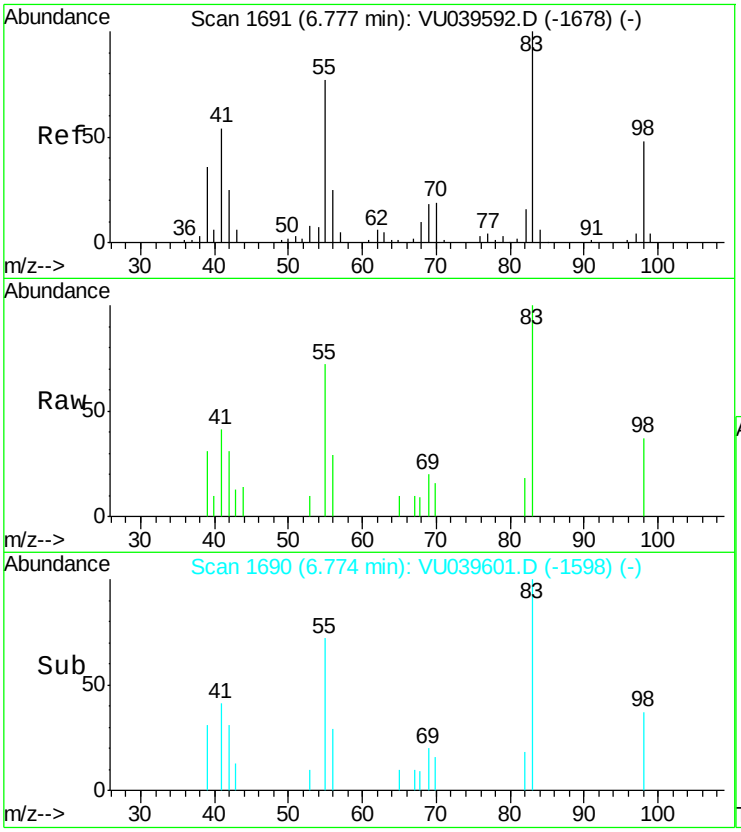


#33
Benzene
Concen: 0.166 ug/L
RT: 5.80 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 78 Resp: 4148

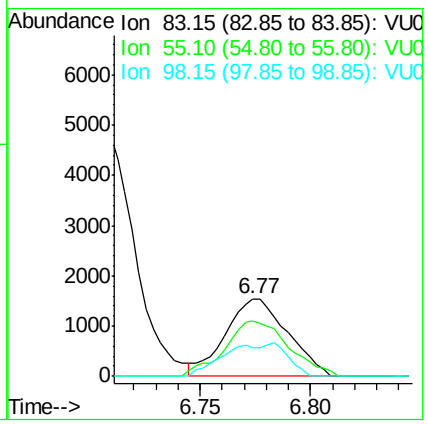




#35
Methylcyclohexane
Concen: 0.298 ug/L
RT: 6.77 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 83 Resp: 3018

Ion	Ratio	Lower	Upper
83	100		
55	73.7	63.0	94.6
98	26.5	35.3	52.9#



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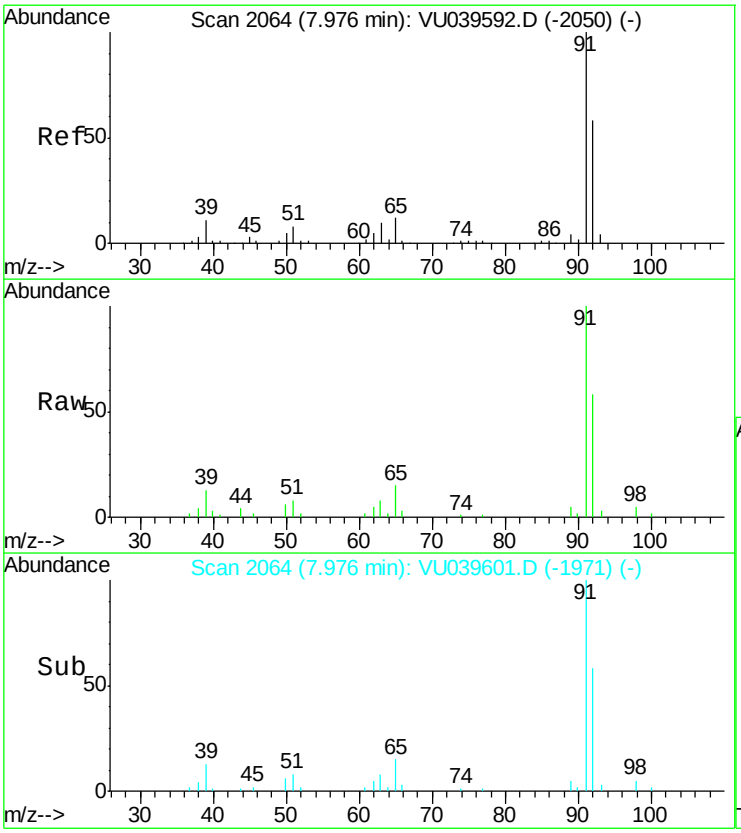
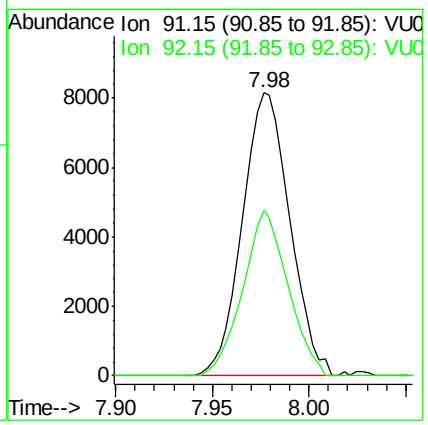
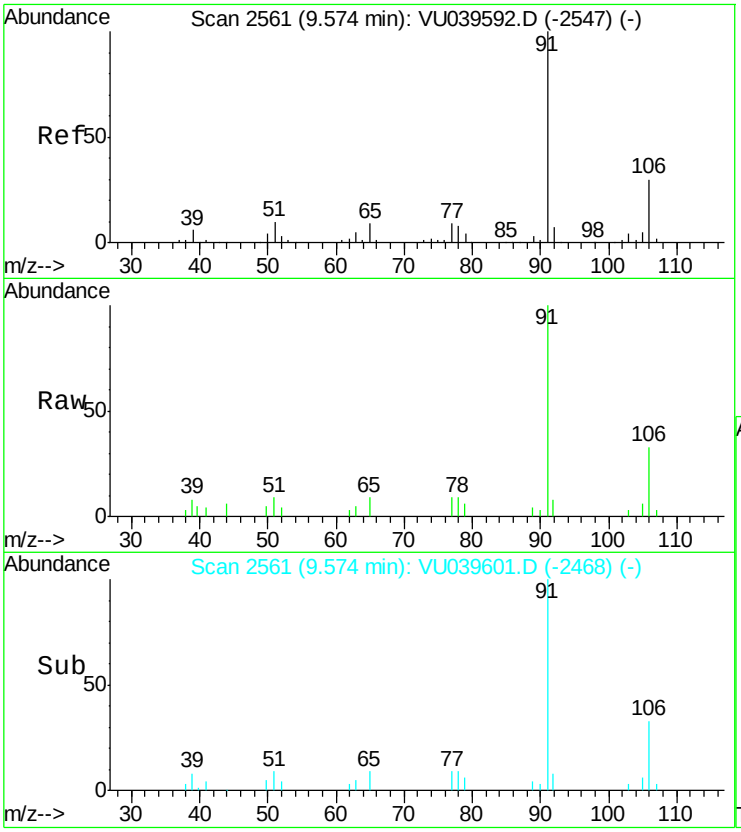


#42
Toluene
Concen: 0.508 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 91 Resp: 13913

Ion	Ratio	Lower	Upper
91	100		
92	58.4	38.6	71.6

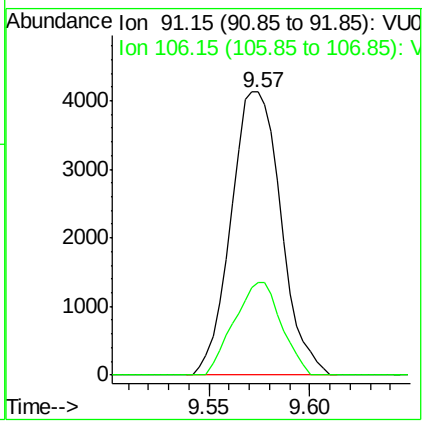




#52
Ethylbenzene
Concen: 0.230 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. -0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion: 91 Resp: 7149

Ion	Ratio	Lower	Upper
91	100		
106	32.9	21.3	39.6



Instrument :
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ClientSampleId :
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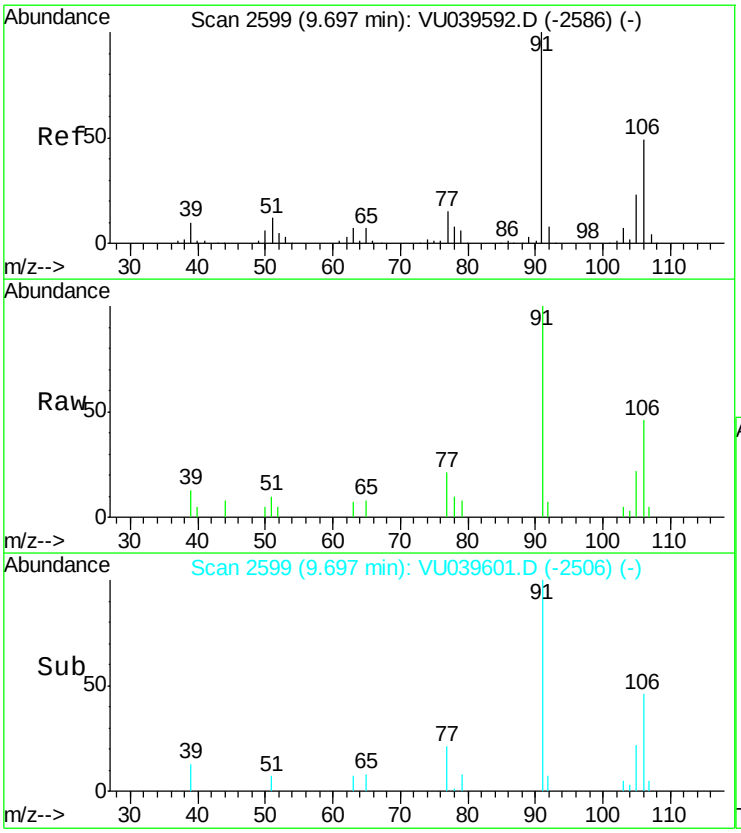
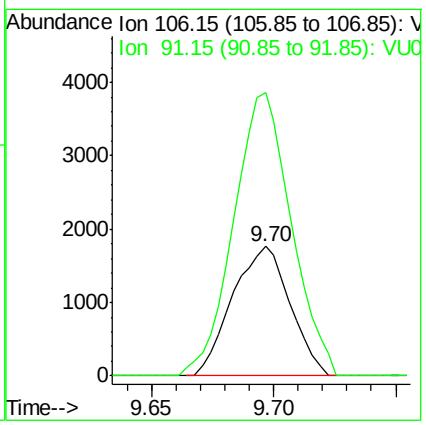
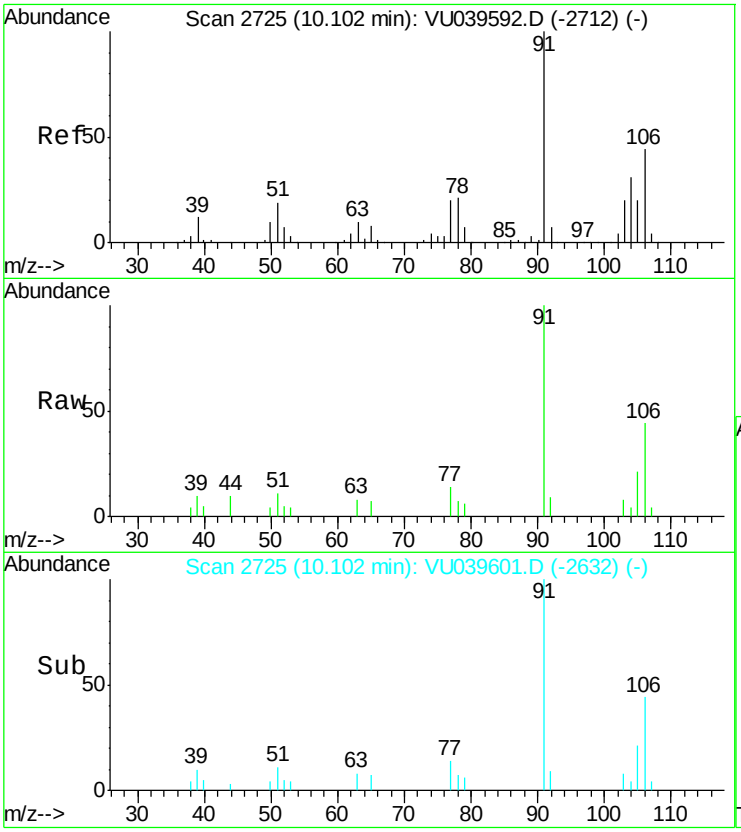


#53
m,p-Xylene
Concen: 0.248 ug/L
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion:106 Resp: 2887

Ion	Ratio	Lower	Upper
106	100		
91	218.4	149.3	277.3

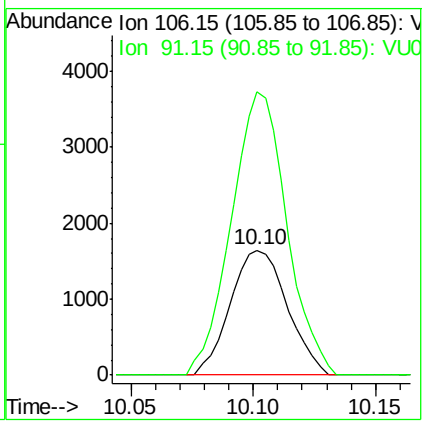




#54
o-Xylene
Concen: 0.235 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039601.D
Acq: 21 Jul 2020 16:56

Tgt Ion:106 Resp: 2661

Ion	Ratio	Lower	Upper
106	100		
91	226.8	157.4	292.4



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