Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081720\
Data File : VU039893.D
Acq On : 17 Aug 2020 17:50
Operator : SY/MD
Sample : L3517-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L63

Quant Time: Aug 18 05:35:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 18 04:18:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76068	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	76713	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35441	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16978	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.92	69	18475	4.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.20%			
11) 1,1-Dichloroethene-d2	2.58	63	26308	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.66	46	84946	47.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.04%			
24) Chloroform-d	5.08	84	45375	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
26) 1,2-Dichloroethane-d4	5.72	65	27315	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.74	84	79405	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.00%			
36) 1,2-Dichloropropane-d6	6.70	67	28232	4.52	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.40%			
41) Toluene-d8	7.91	98	63084	3.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%			
43) trans-1,3-Dichloropropene-	8.19	79	10870	4.53	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.60%			
46) 2-Hexanone-d5	8.64	63	63873	49.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25952	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	29177	4.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	22940	3.709	ug/L	93
18) trans-1,2-Dichloroethene	3.37	96	10572	2.093	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	18827	3.426	ug/L	95
42) Toluene	7.98	91	3822	0.174	ug/L	99
52) Ethylbenzene	9.57	91	2916	0.119	ug/L	95
53) m,p-Xylene	9.69	106	3581	0.383	ug/L	97
54) o-Xylene	10.10	106	887	0.097	ug/L	98

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

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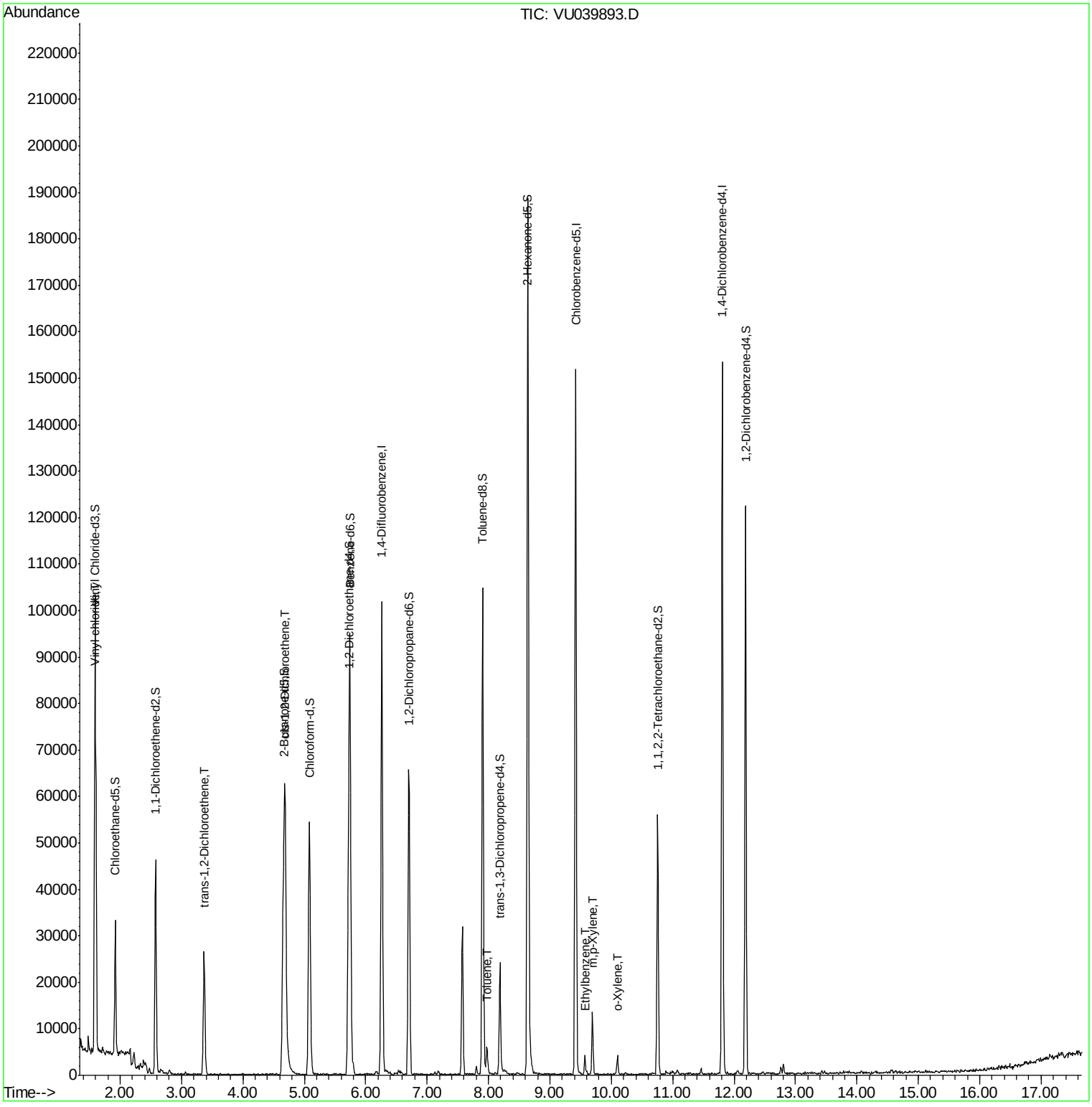
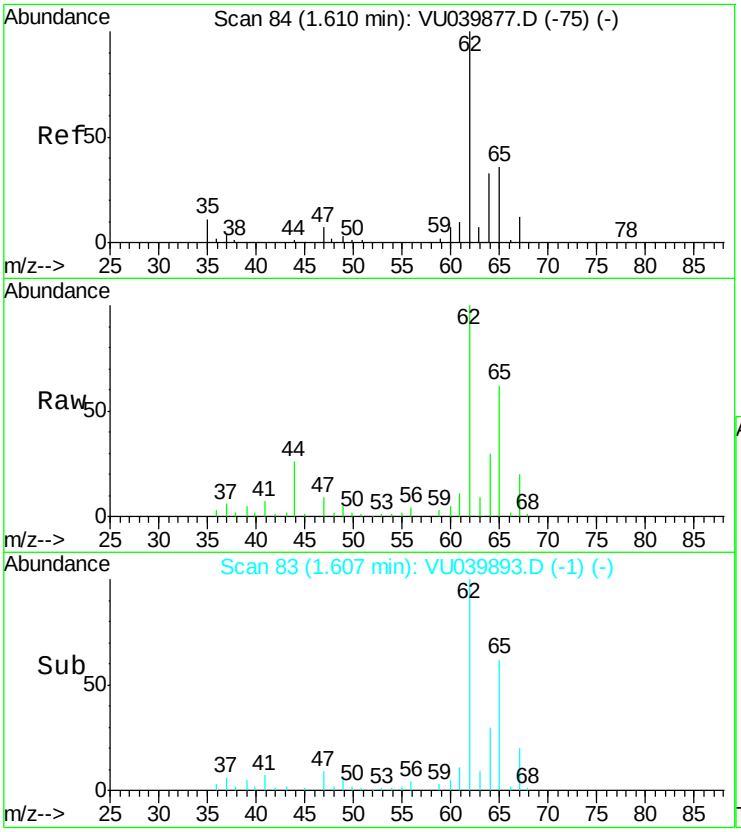


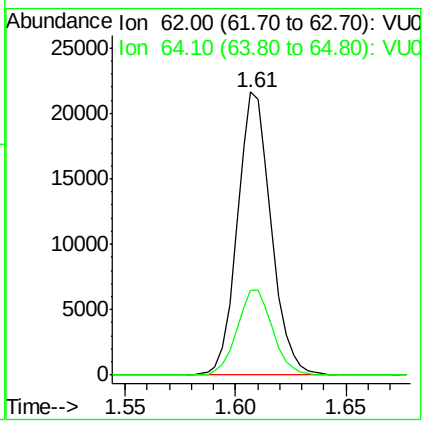


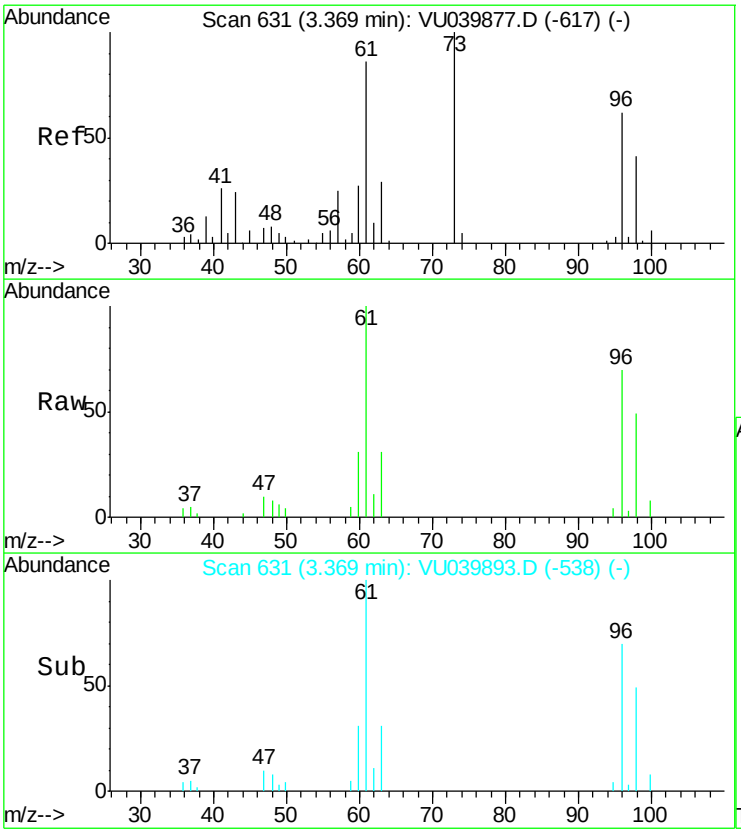
#5
Vinyl chloride
Concen: 3.709 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :
F4L63

Tgt Ion: 62 Resp: 22940

Ion	Ratio	Lower	Upper
62	100		
64	30.1	24.1	44.7

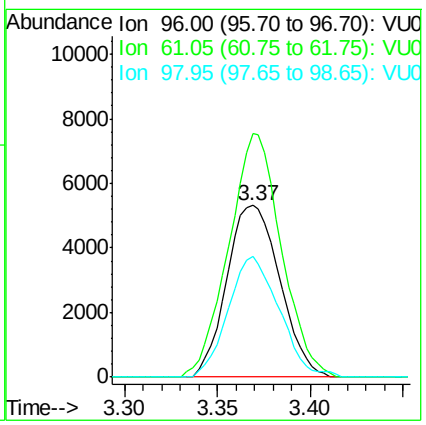


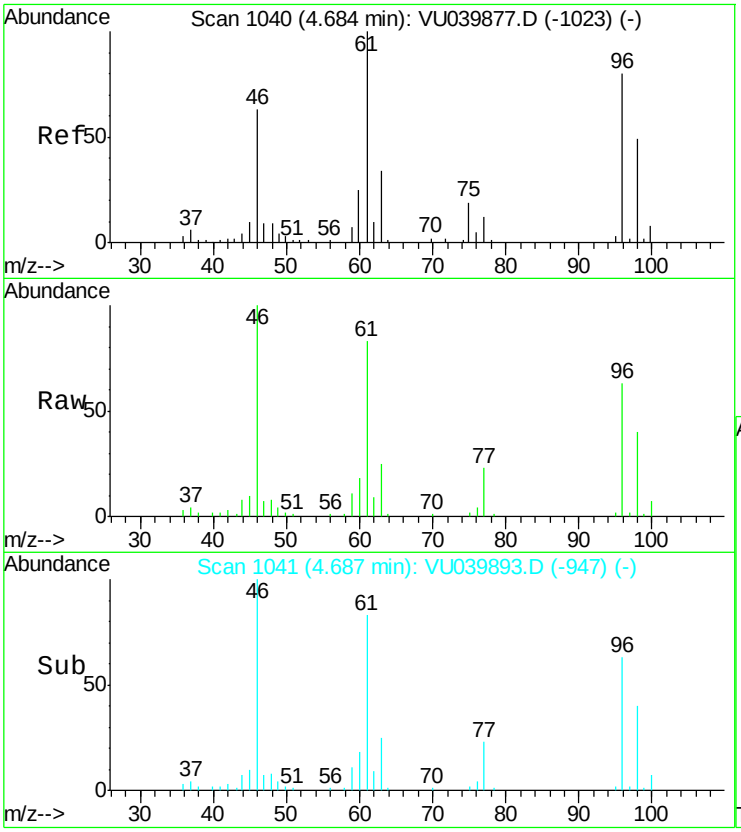


#18
trans-1,2-Dichloroethene
Concen: 2.093 ug/L
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 96 Resp: 10572

Ion	Ratio	Lower	Upper
96	100		
61	141.9	96.5	179.1
98	70.0	40.9	76.0



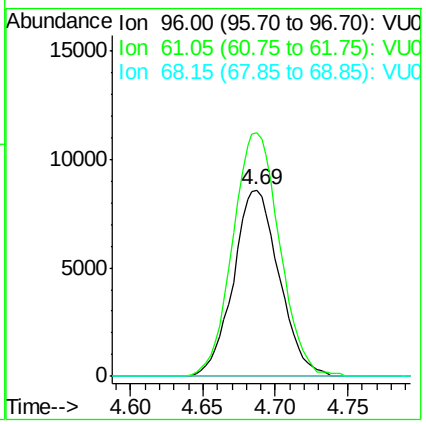


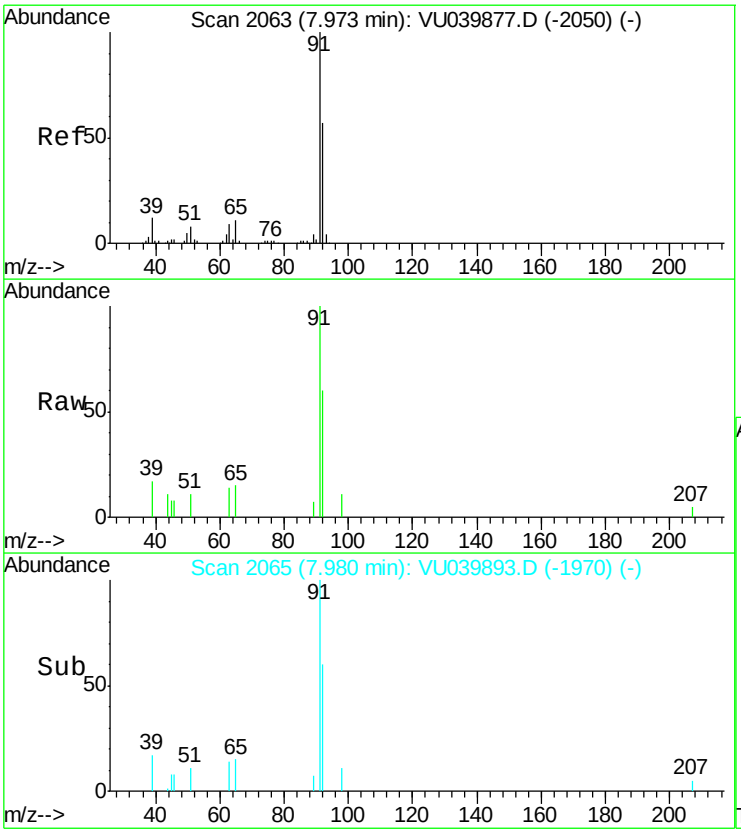
#22
cis-1,2-Dichloroethene
Concen: 3.426 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Instrument : MSVOA_U
ClientSampleId : F4L63

Tgt Ion: 96 Resp: 18827

Ion	Ratio	Lower	Upper
96	100		
61	130.5	87.4	162.2
68	0.0	0.0	0.0

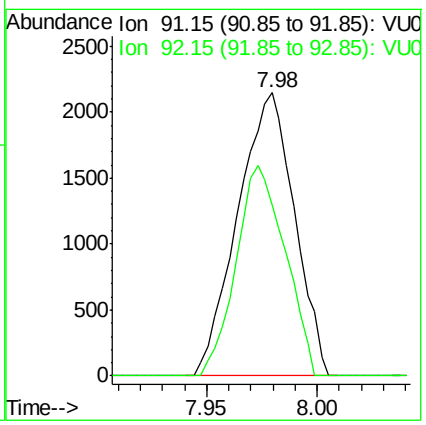


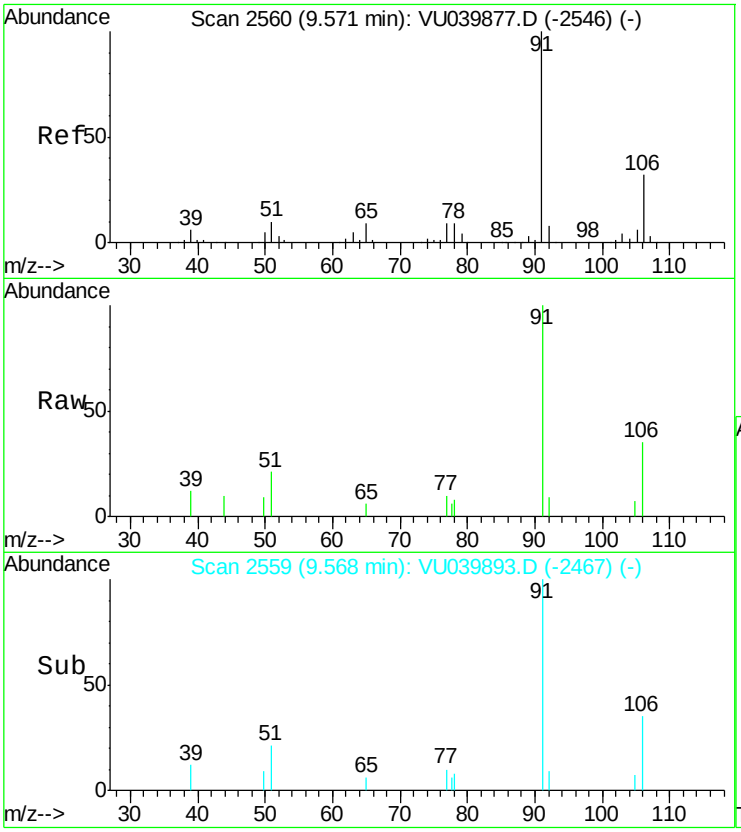


#42
Toluene
Concen: 0.174 ug/L
RT: 7.98 min Scan# 2065
Delta R.T. 0.01 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 91 Resp: 3822

Ion	Ratio	Lower	Upper
91	100		
92	60.3	41.6	77.3



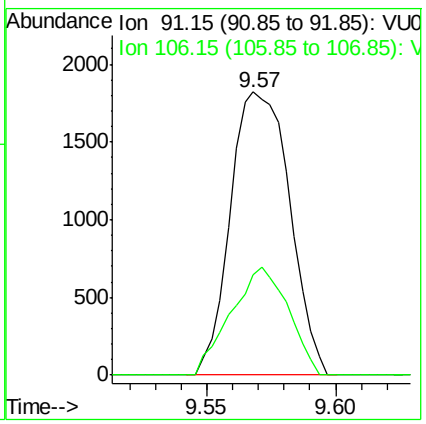


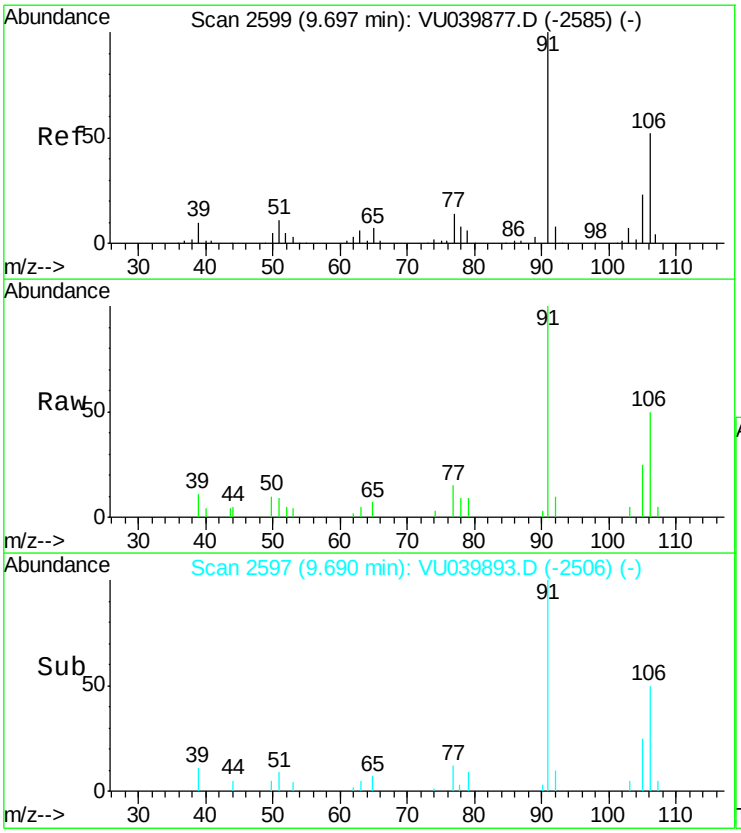
#52
Ethylbenzene
Concen: 0.119 ug/L
RT: 9.57 min Scan# 2559
Delta R.T. -0.00 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Instrument : MSVOA_U
ClientSampleId : F4L63

Tgt Ion: 91 Resp: 2916

Ion	Ratio	Lower	Upper
91	100		
106	35.4	22.8	42.4

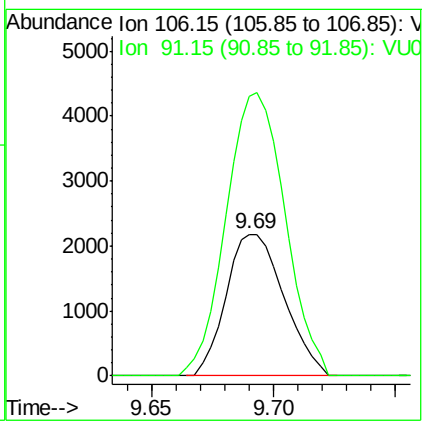


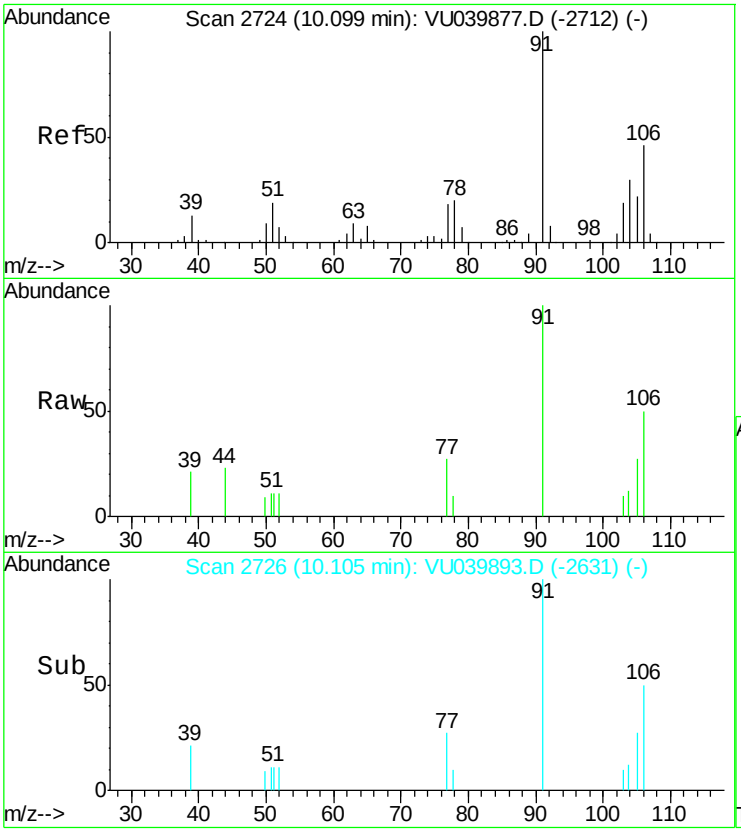


#53
m,p-Xylene
Concen: 0.383 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.01 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Tgt Ion:106 Resp: 3581

Ion	Ratio	Lower	Upper
106	100		
91	198.2	135.5	251.7





#54
o-Xylene
Concen: 0.097 ug/L
RT: 10.10 min Scan# 2726
Delta R.T. 0.01 min
Lab File: VU039893.D
Acq: 17 Aug 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :
F4L63

Tgt Ion:106 Resp: 887

Ion	Ratio	Lower	Upper
106	100		
91	198.2	140.8	261.6