Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081420\

Quantitation Report (QT/LSC Reviewed)

Data File : VU039868.D
Acq On : 14 Aug 2020 18:56
Operator : SY/MD
Sample : L3517-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4M00

Quant Time: Aug 17 05:48:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 17 05:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32841	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	16552	4.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.80%			
7) Chloroethane-d5	1.92	69	18824	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.58	63	25768	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	4.65	46	75820	45.68	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.36%			
24) Chloroform-d	5.08	84	43441	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.72	65	25603	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.74	84	81042	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.70	67	27846	4.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.80%			
41) Toluene-d8	7.91	98	65270	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	8.19	79	10912	5.00	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.00%			
46) 2-Hexanone-d5	8.64	63	59231	50.15	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.30%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24751	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30735	5.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.40%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	11602	2.042	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	10441	2.249	ug/L	85
22) cis-1,2-Dichloroethene	4.68	96	2619	0.519	ug/L	82
33) Benzene	5.79	78	3858	0.203	ug/L	100
52) Ethylbenzene	9.57	91	3429	0.153	ug/L	95

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

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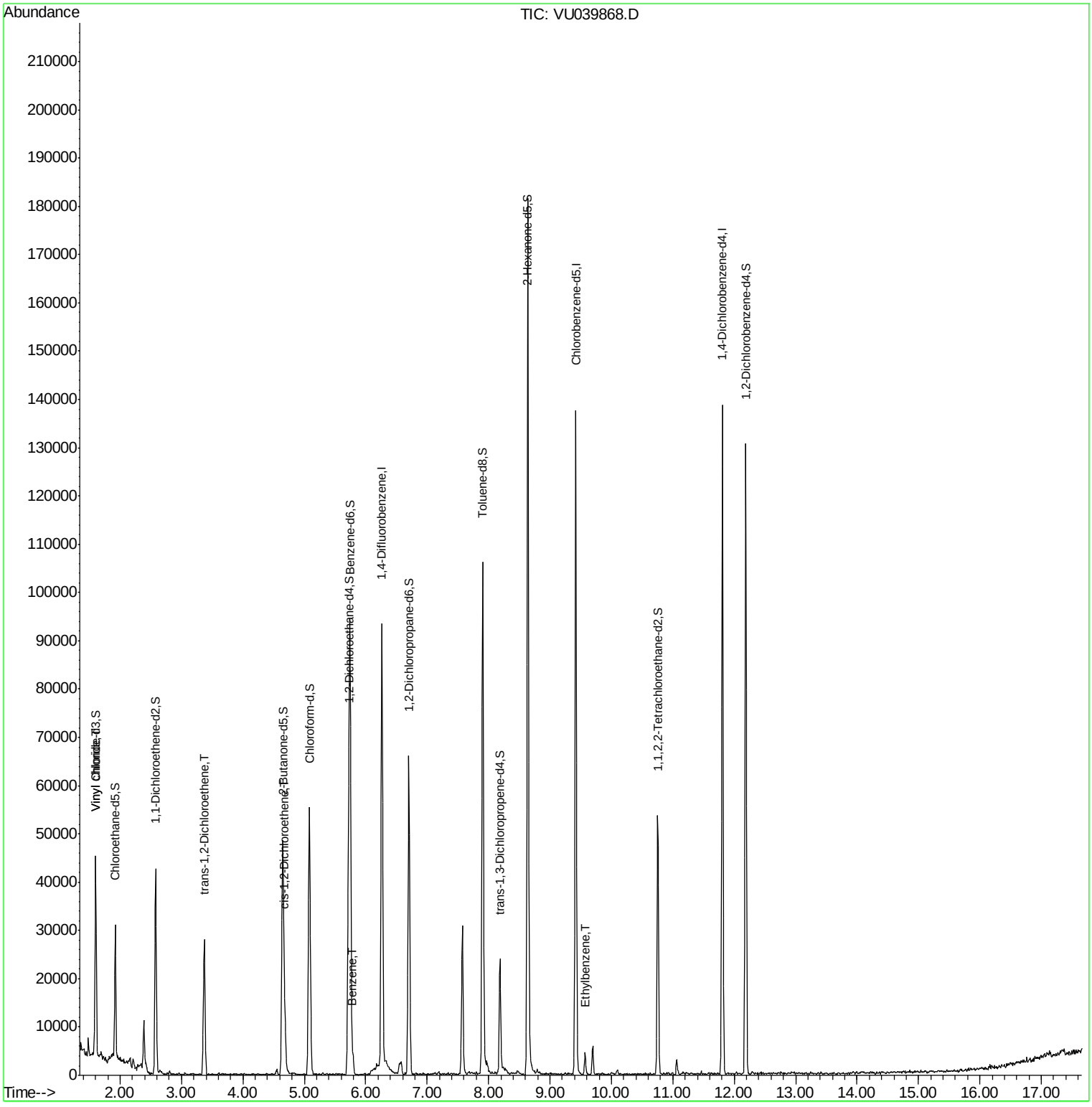
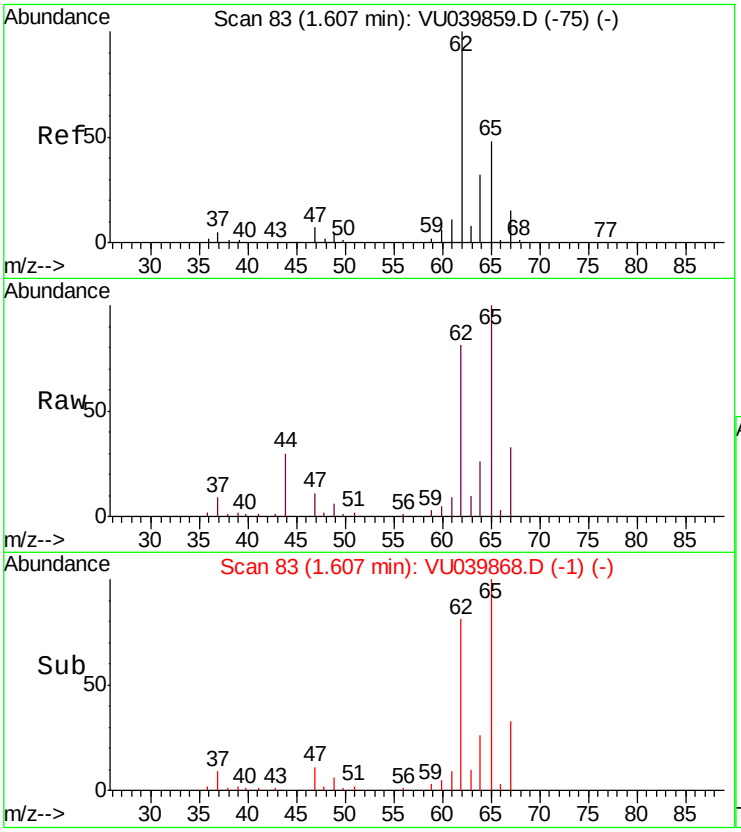


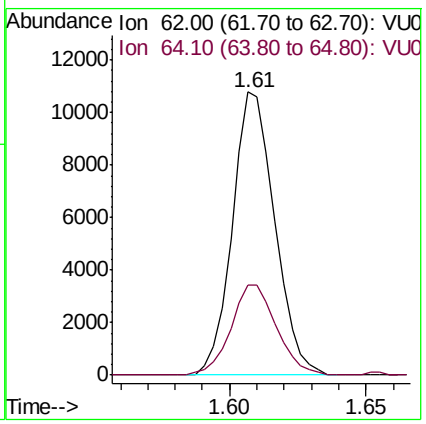


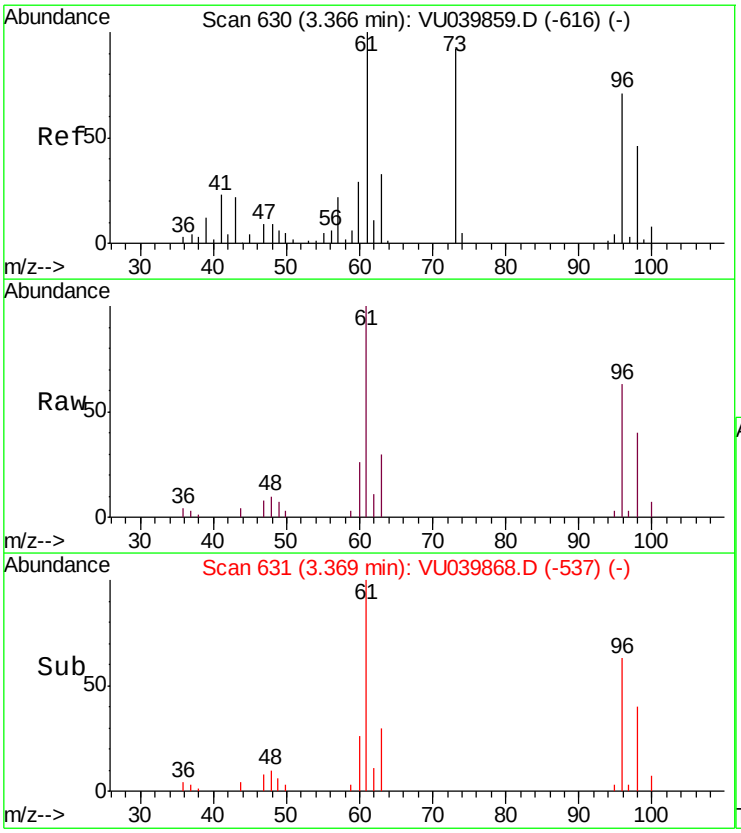
#5
Vinyl chloride
Concen: 2.042 ug/L
RT: 1.61 min Scan# 83
Delta R.T. -0.00 min
Lab File: VU039868.D
Acq: 14 Aug 2020 18:56

Instrument :
MSVOA_U
ClientSampleId :
F4M00

Tgt Ion: 62 Resp: 11602

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.1	44.7

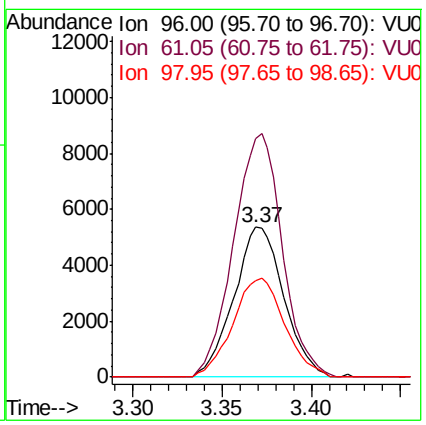


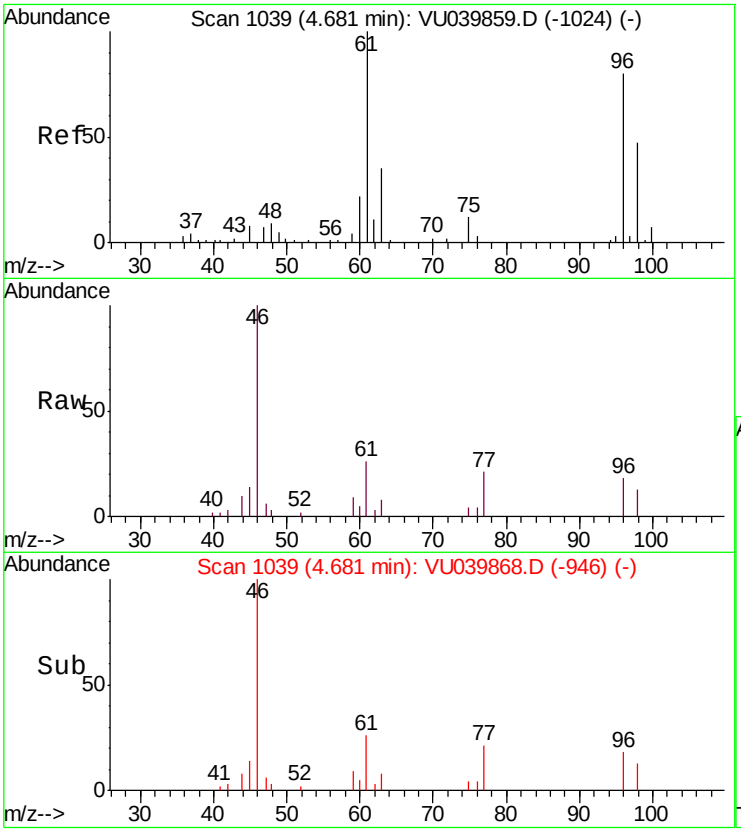


#18
trans-1,2-Dichloroethene
Concen: 2.249 ug/L
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU039868.D
Acq: 14 Aug 2020 18:56

Tgt Ion: 96 Resp: 10441

Ion	Ratio	Lower	Upper
96	100		
61	159.3	96.5	179.1
98	64.3	40.9	76.0



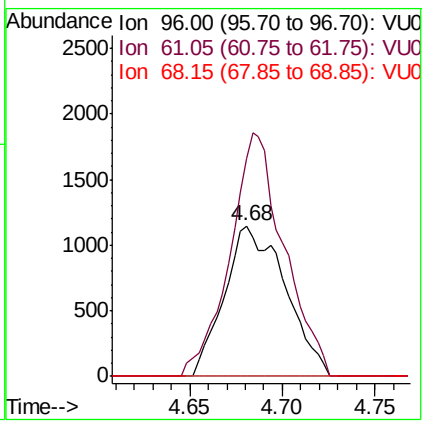


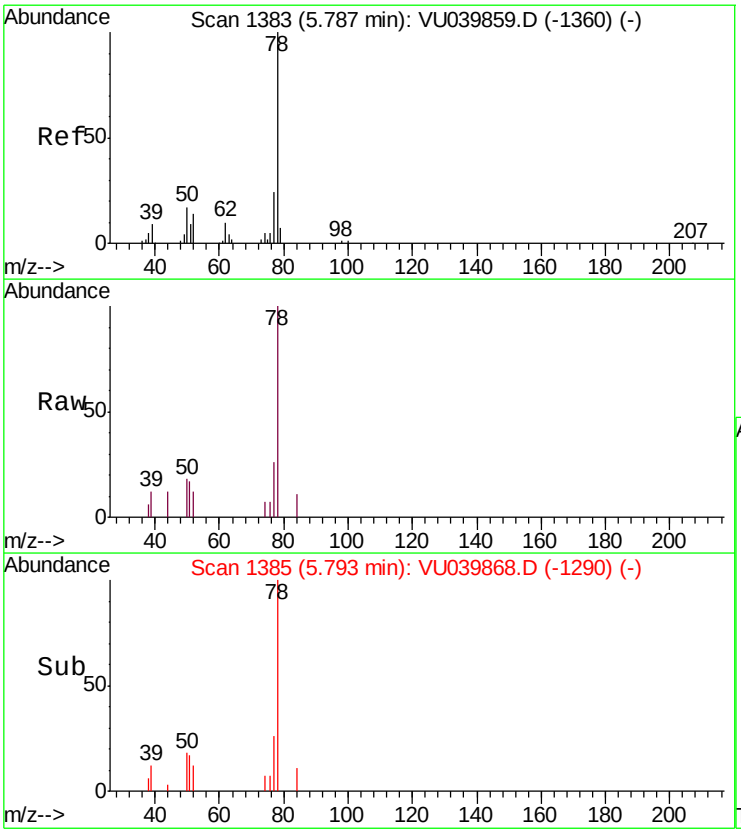
#22
cis-1,2-Dichloroethene
Concen: 0.519 ug/L
RT: 4.68 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VU039868.D
Acq: 14 Aug 2020 18:56

Instrument : MSVOA_U
ClientSampleId : F4M00

Tgt Ion: 96 Resp: 2619

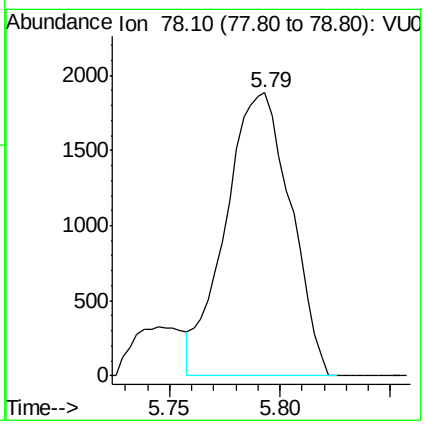
Ion	Ratio	Lower	Upper
96	100		
61	144.9	87.4	162.2
68	0.0	0.0	0.0

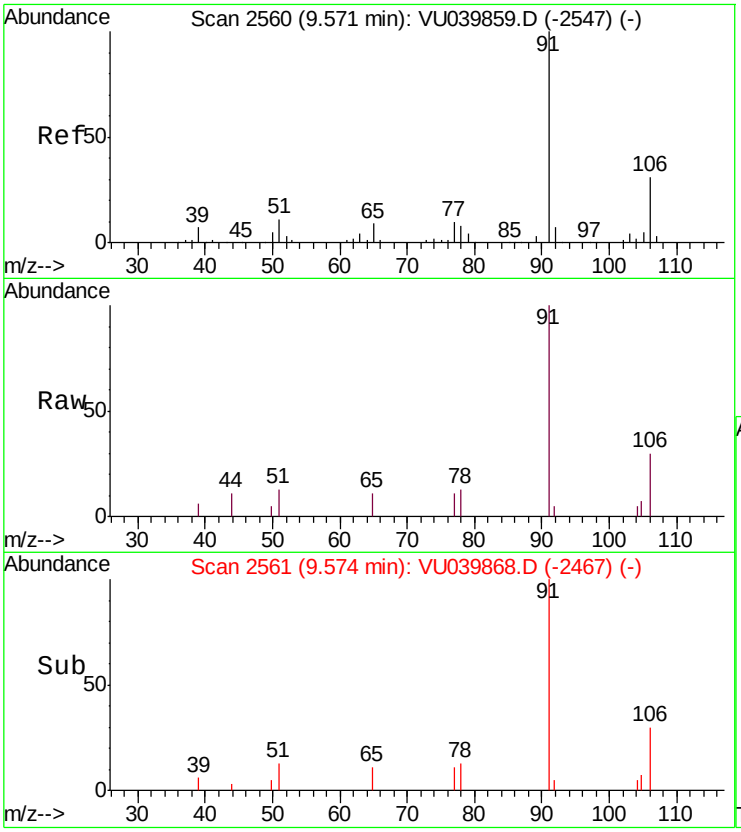




#33
Benzene
Concen: 0.203 ug/L
RT: 5.79 min Scan# 1385
Delta R.T. 0.01 min
Lab File: VU039868.D
Acq: 14 Aug 2020 18:56

Tgt Ion: 78 Resp: 3858

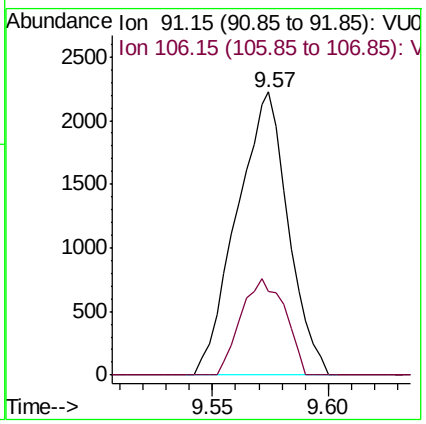




#52
Ethylbenzene
Concen: 0.153 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039868.D
Acq: 14 Aug 2020 18:56

Tgt Ion: 91 Resp: 3429

Ion	Ratio	Lower	Upper
91	100		
106	29.5	22.8	42.4



Instrument :
MSVOA_U
ClientSampleId :
F4M00