Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061020\
Data File : VU038755.D
Acq On : 10 Jun 2020 04:21
Operator : SY/MD
Sample : L2913-04 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D83DL

Quant Time: Jun 10 06:38:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 06:36:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	511608	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	490276	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	226685	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	126674	44.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.64%			
7) Chloroethane-d5	1.93	69	118564	53.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.94%			
11) 1,1-Dichloroethene-d2	2.59	63	211415	33.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.88%			
21) 2-Butanone-d5	4.66	46	342973	123.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.34%			
24) Chloroform-d	5.10	84	318493	51.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.36%			
26) 1,2-Dichloroethane-d4	5.74	65	226307	55.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.80%			
32) Benzene-d6	5.76	84	631093	53.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.88%			
36) 1,2-Dichloropropane-d6	6.72	67	200980	55.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.44%			
41) Toluene-d8	7.92	98	524445	49.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.28%			
43) trans-1,3-Dichloropropene-	8.20	79	94201	51.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.82%			
47) 2-Hexanone-d5	8.65	63	240473	124.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 124.12%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	300805	55.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.82%			
64) 1,2-Dichlorobenzene-d4	12.20	152	221057	56.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.34%			
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.81	62	77855	14.005	ug/L #	79
29) Cyclohexane	5.42	56	12317	2.196	ug/L	94
33) Benzene	5.81	78	6348664	436.064	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	5860	1.002	ug/L #	65
42) Toluene	7.99	91	1149691	75.523	ug/L	99
48) 2-Hexanone	8.70	43	13523	2.758	ug/L #	88
52) Ethylbenzene	9.59	91	440720	26.232	ug/L	99
53) m,p-Xylene	9.71	106	36967	5.732	ug/L	99
54) o-xylene	10.11	106	45120	7.207	ug/L	100
69) Naphthalene	14.11	128	20162	1.204	ug/L	98

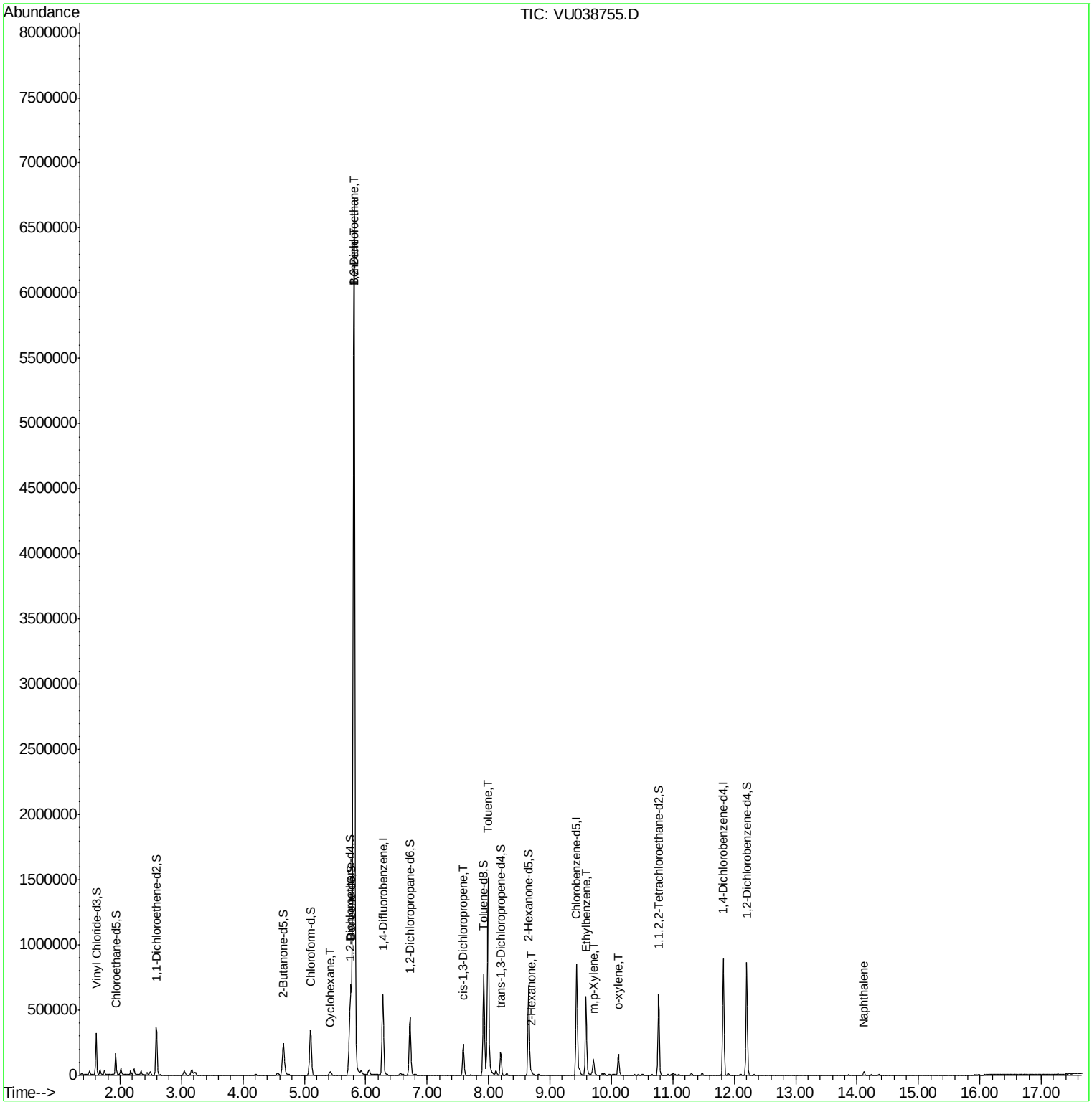
(#) = qualifier out of range (m) = manual integration (+) = signals summed

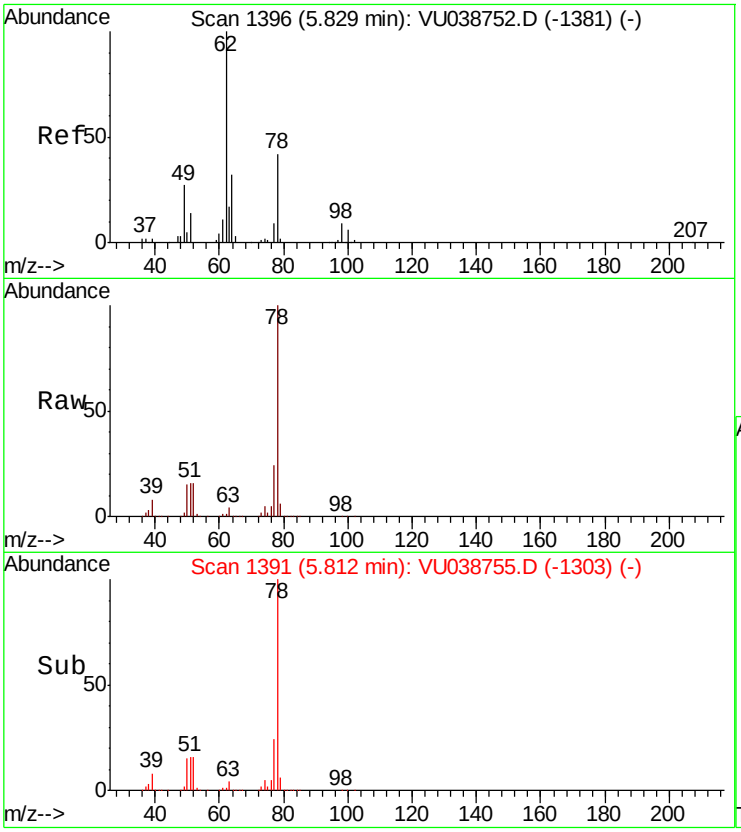
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061020\
Data File : VU038755.D
Acq On : 10 Jun 2020 04:21
Operator : SY/MD
Sample : L2913-04 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9D83DL

Quant Time: Jun 10 06:38:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 10 06:36:11 2020
Response via : Initial Calibration



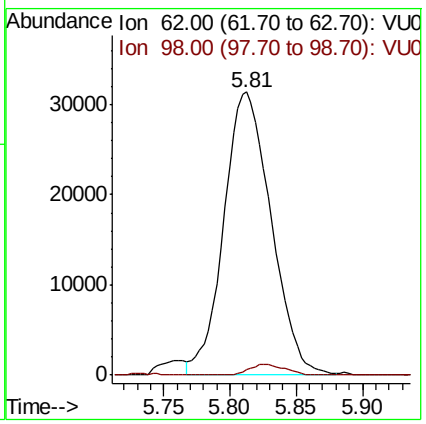


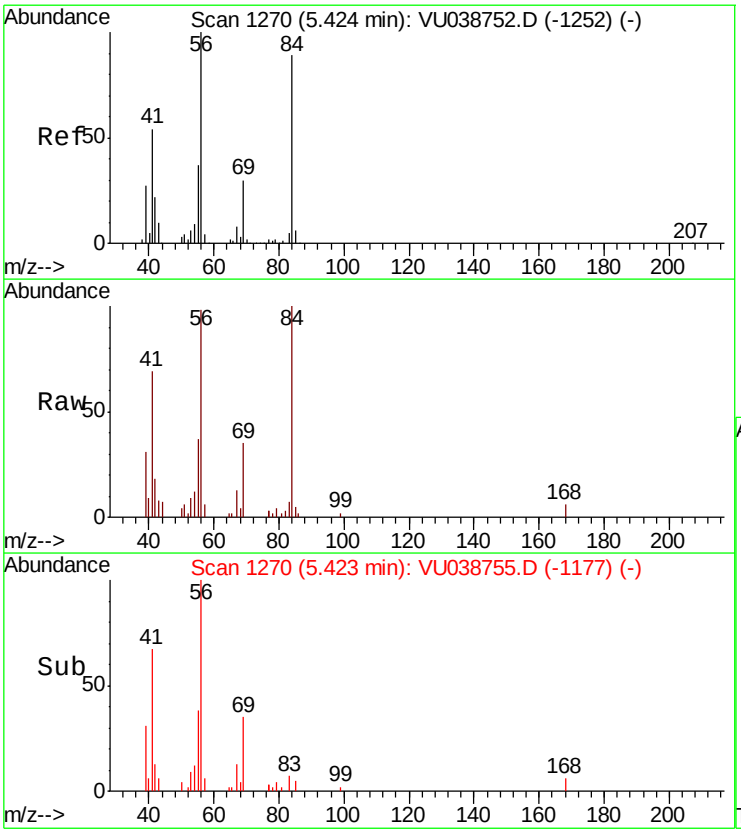
#27
1,2-Dichloroethane
Concen: 14.005 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. -0.02 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Instrument : MSVOA_U
ClientSampleId : F9D83DL

Tgt Ion: 62 Resp: 77855

Ion	Ratio	Lower	Upper
62	100		
98	1.8	7.8	11.6#

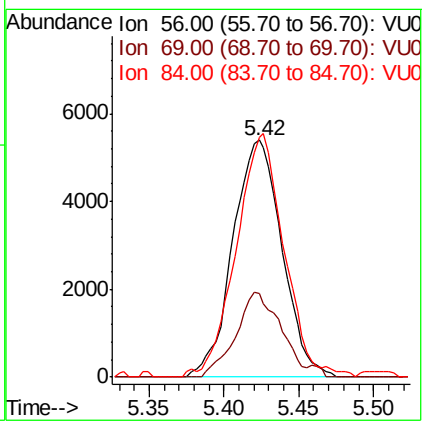


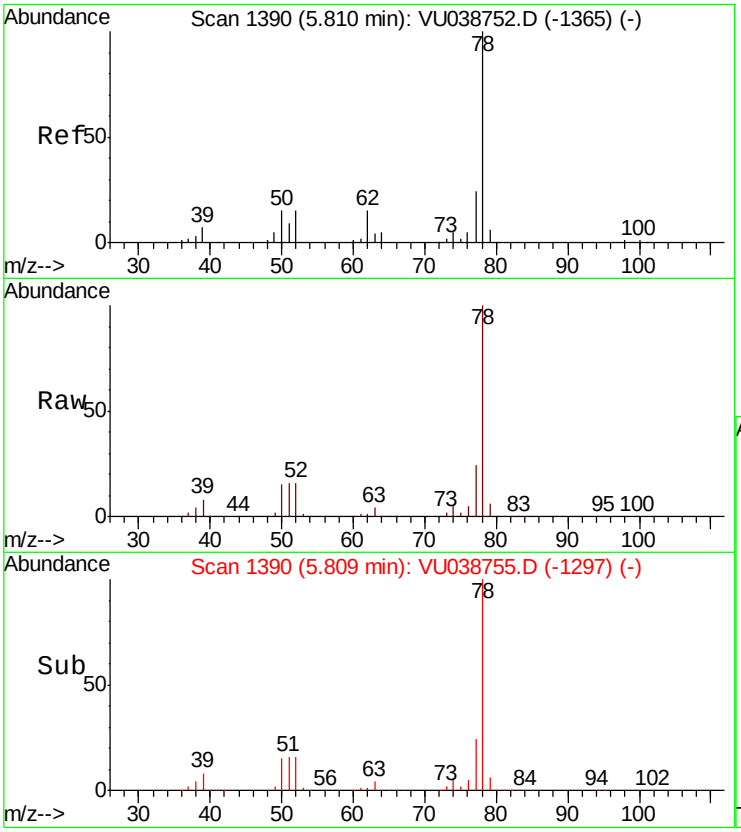


#29
Cyclohexane
Concen: 2.196 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Tgt Ion: 56 Resp: 12317

Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.1	37.7
84	94.8	70.5	105.7

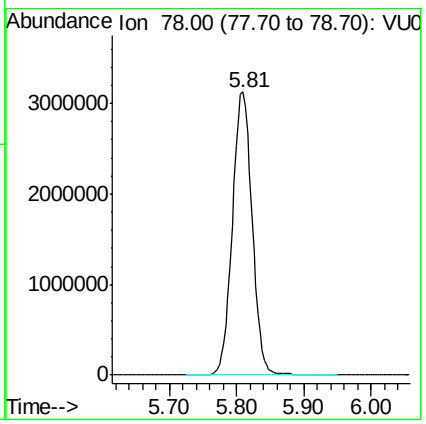


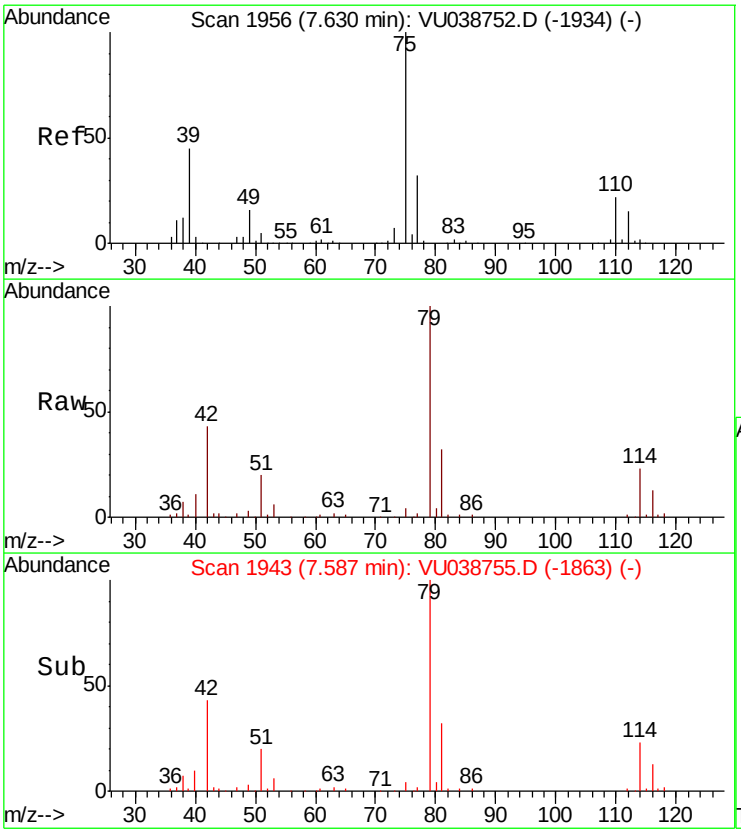


#33
Benzene
Concen: 436.064 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Instrument :
MSVOA_U
ClientSampleId :
F9D83DL

Tgt Ion: 78 Resp: 6348664

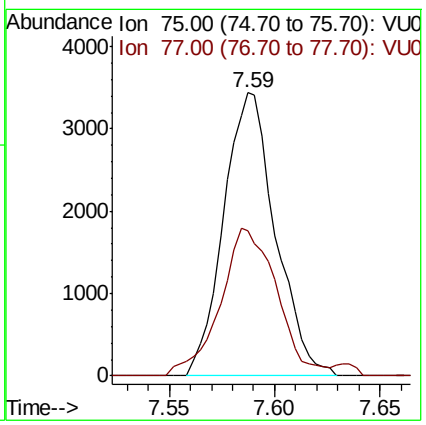


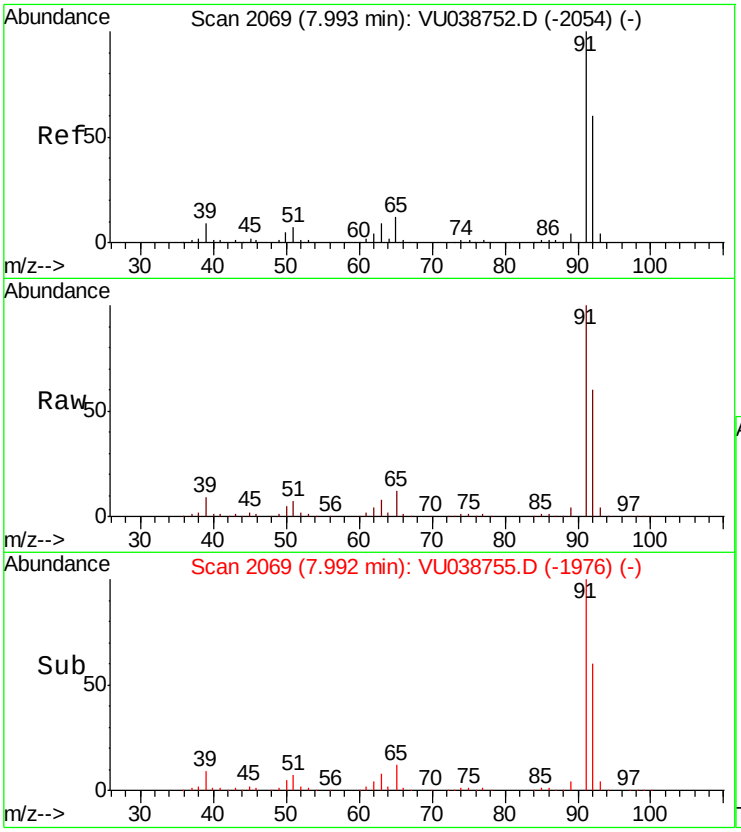


#39
cis-1,3-Dichloropropene
Concen: 1.002 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Tgt Ion: 75 Resp: 5860

Ion	Ratio	Lower	Upper
75	100		
77	51.1	22.2	41.2#



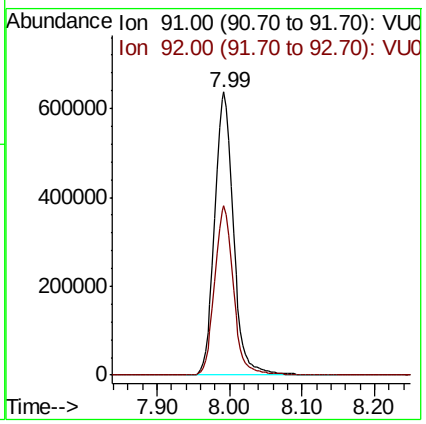


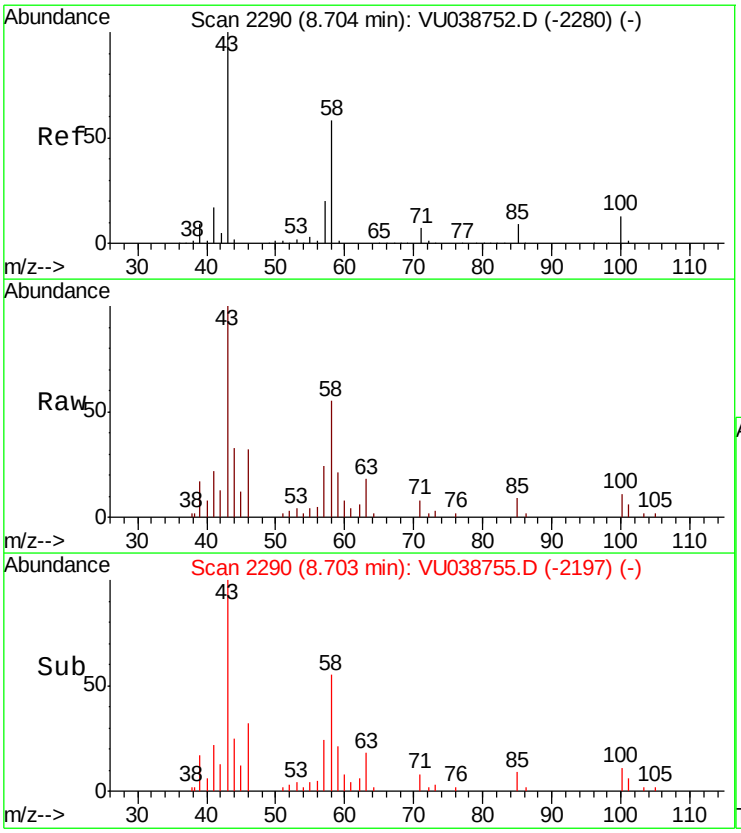
#42
Toluene
Concen: 75.523 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Instrument :
MSVOA_U
ClientSampleId :
F9D83DL

Tgt Ion: 91 Resp: 1149691

Ion	Ratio	Lower	Upper
91	100		
92	59.8	42.2	78.4

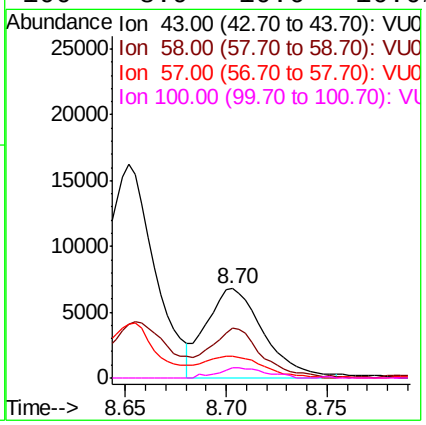


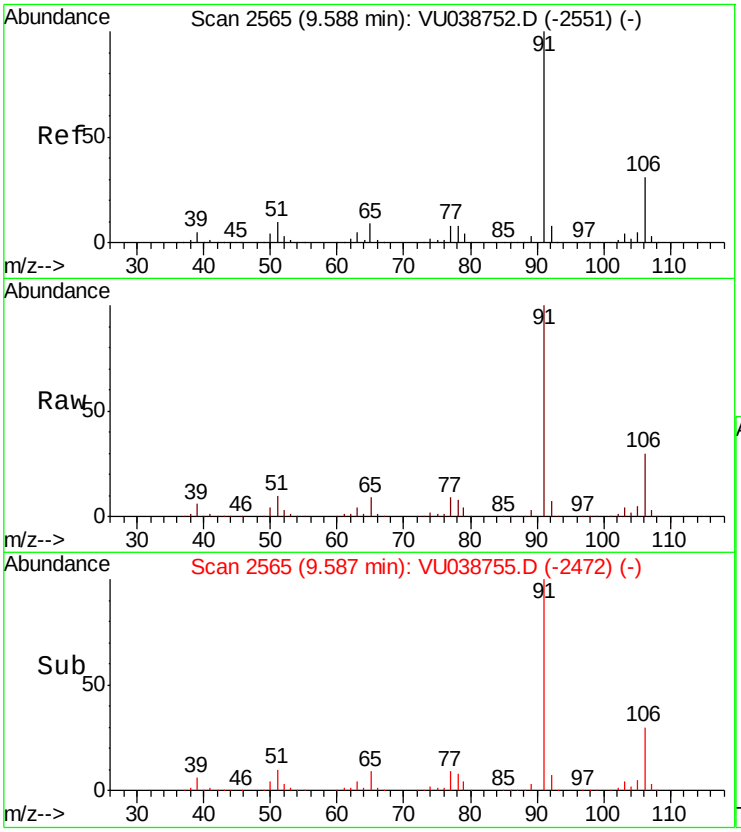


#48
2-Hexanone
Concen: 2.758 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Tgt Ion: 43 Resp: 13523

Ion	Ratio	Lower	Upper
43	100		
58	47.3	46.2	69.4
57	24.5	16.6	24.8
100	8.9	10.6	16.0#



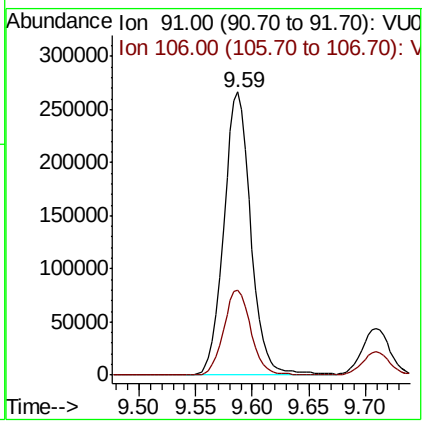


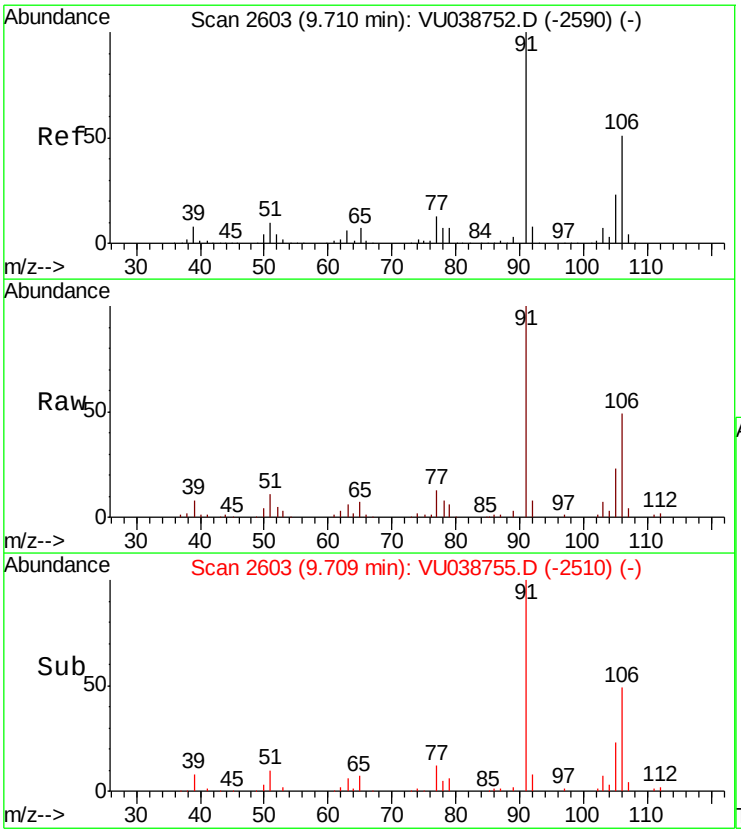
#52
Ethylbenzene
Concen: 26.232 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Instrument : MSVOA_U
ClientSampleId : F9D83DL

Tgt Ion: 91 Resp: 440720

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.5	39.9

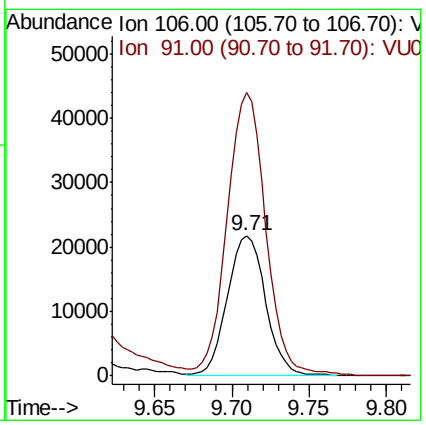


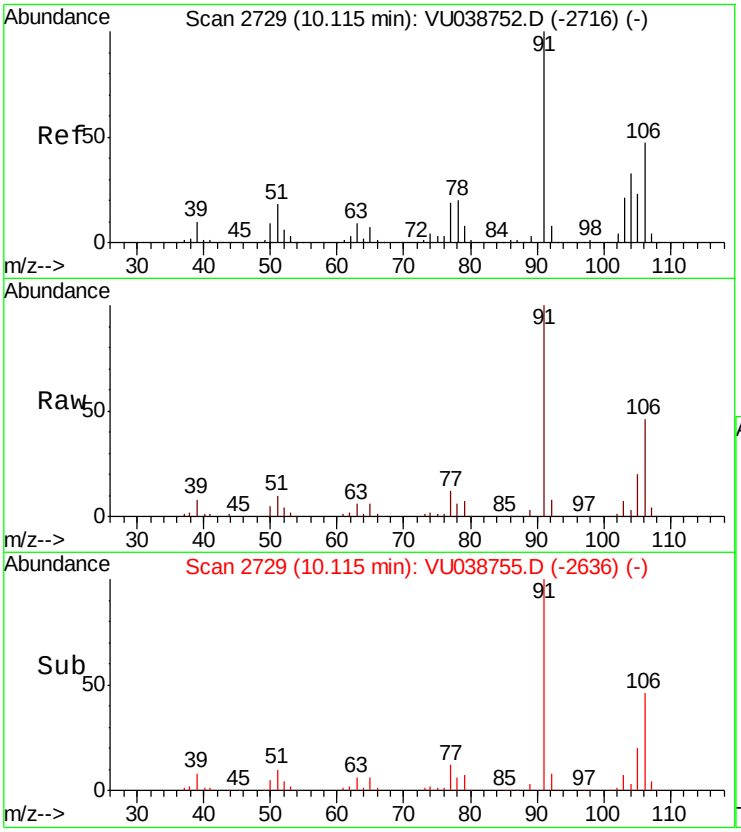


#53
m,p-Xylene
Concen: 5.732 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Tgt Ion:106 Resp: 36967

Ion	Ratio	Lower	Upper
106	100		
91	202.1	140.1	260.3



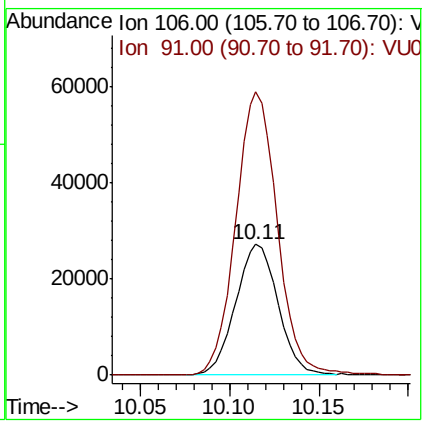


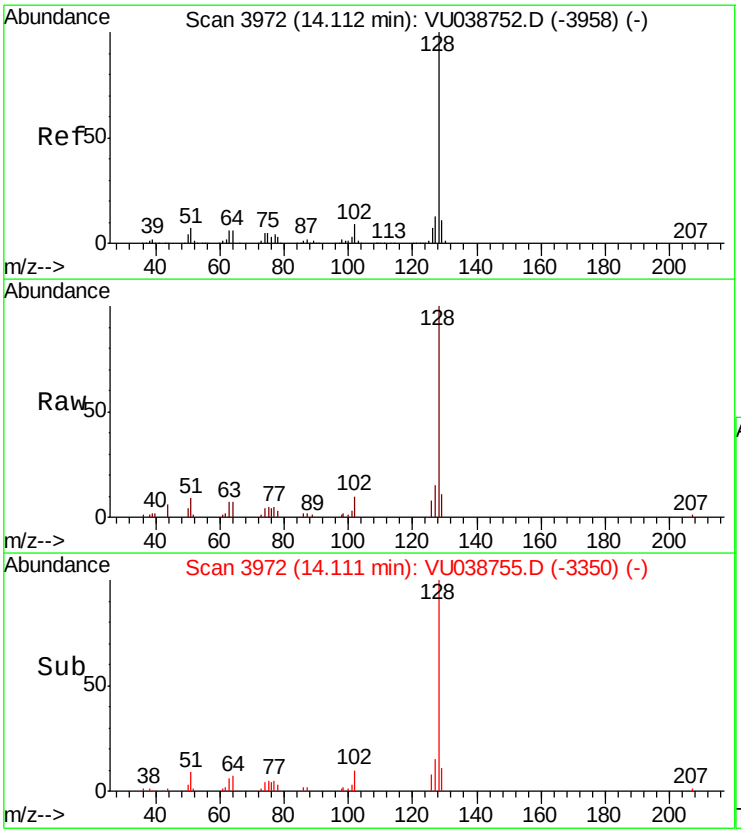
#54
o-xylene
Concen: 7.207 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Instrument :
MSVOA_U
ClientSampleId :
F9D83DL

Tgt Ion:106 Resp: 45120

Ion	Ratio	Lower	Upper
106	100		
91	216.3	151.2	280.8





#69
Naphthalene
Concen: 1.204 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. -0.00 min
Lab File: VU038755.D
Acq: 10 Jun 2020 04:21

Tgt Ion:128 Resp: 20162

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	12.2	8.6	12.8