Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061120\
Data File : VU038795.D
Acq On : 10 Jun 2020 22:58
Operator : SY/MD
Sample : L2915-04 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E08

Quant Time: Jun 11 03:46:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 03:42:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	554258	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	533974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	253442	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	178322	57.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 115.18%			
7) Chloroethane-d5	1.93	69	145658	60.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.26%			
11) 1,1-Dichloroethene-d2	2.59	63	276769	41.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 82.02%			
21) 2-Butanone-d5	4.66	46	369673	122.71	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.71%			
24) Chloroform-d	5.10	84	363650	54.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.94%			
26) 1,2-Dichloroethane-d4	5.74	65	251667	56.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.74%			
32) Benzene-d6	5.76	84	729966	56.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.50%			
36) 1,2-Dichloropropane-d6	6.72	67	225830	56.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.94%			
41) Toluene-d8	7.92	98	628329	54.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.12%			
43) trans-1,3-Dichloropropene-	8.20	79	108150	54.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.38%			
47) 2-Hexanone-d5	8.65	63	259934	123.19	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 123.19%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	330385	55.87	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 111.74%			
64) 1,2-Dichlorobenzene-d4	12.20	152	254168	57.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.52%			
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.81	62	83595	13.880	ug/L #	74
29) Cyclohexane	5.42	56	19747	3.232	ug/L	96
33) Benzene	5.81	78	8910427	561.936	ug/L	100
39) cis-1,3-Dichloropropene	7.59	75	6453	1.013	ug/L #	43
42) Toluene	7.99	91	242859	14.648	ug/L	100
45) 1,1,2-Trichloroethane	8.29	97	7546	1.897	ug/L #	18
52) Ethylbenzene	9.59	91	534766	29.225	ug/L	99
53) m,p-Xylene	9.71	106	47835	6.810	ug/L	96
54) o-xylene	10.11	106	49354	7.238	ug/L	93
69) Naphthalene	14.11	128	35183	1.879	ug/L	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061120\
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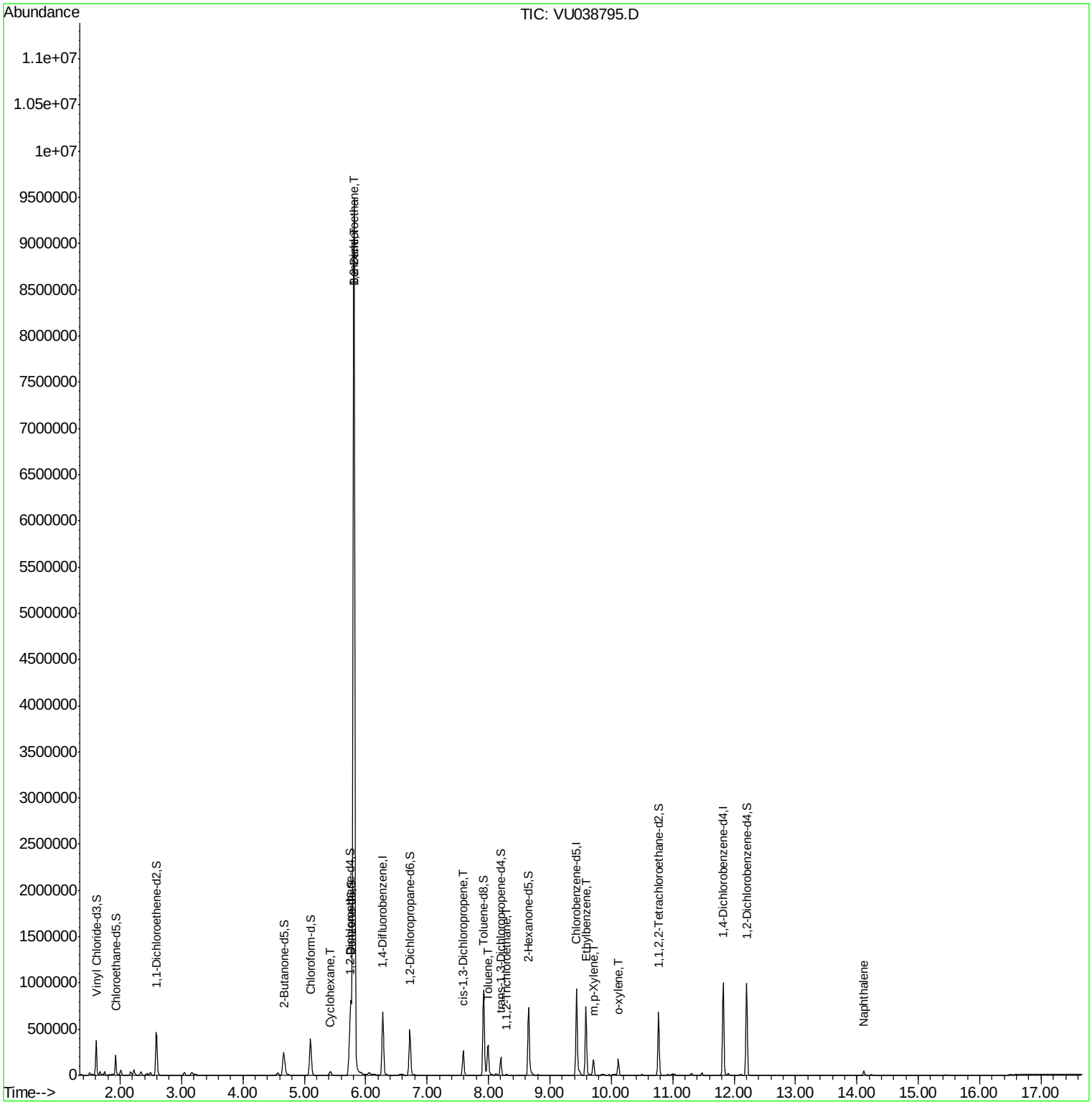
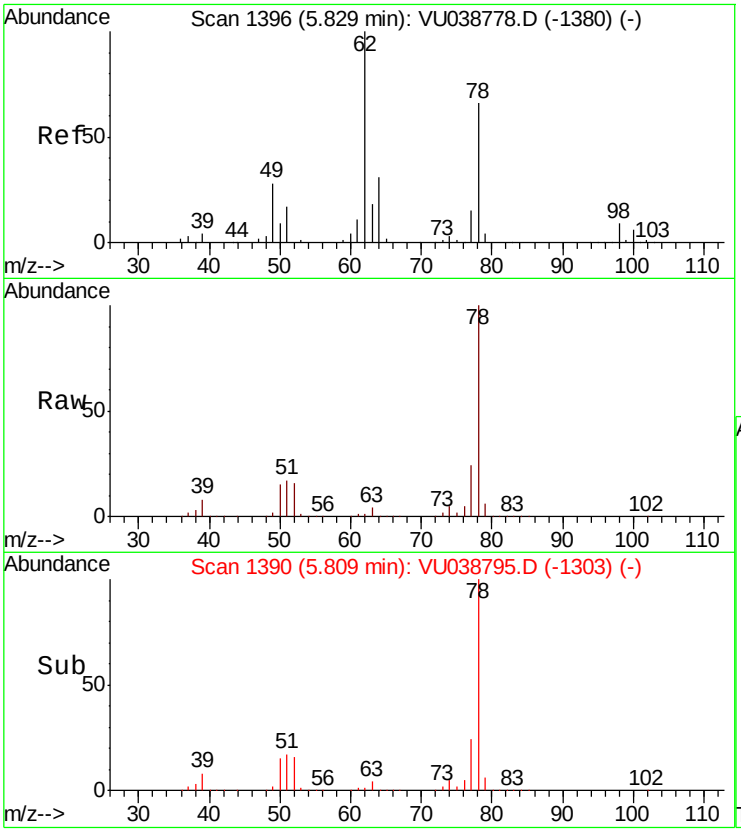
Acq On : 10 Jun 2020 22:58
Operator : SY/MD
Sample : L2915-04 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9E08

Quant Time: Jun 11 03:46:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 03:42:48 2020
Response via : Initial Calibration



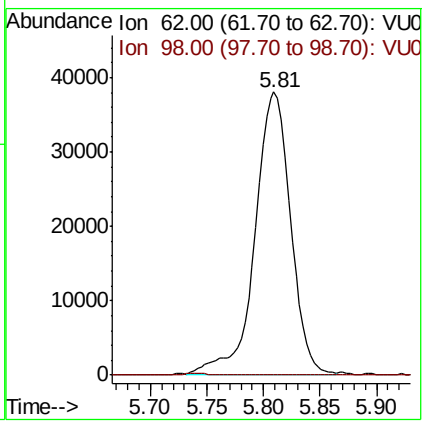


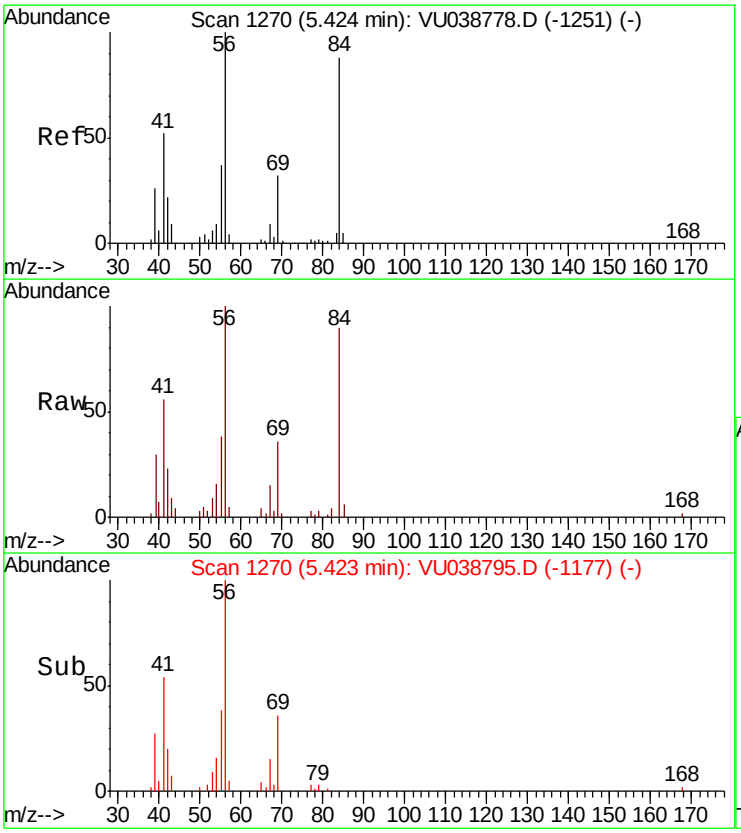
#27
1,2-Dichloroethane
Concen: 13.880 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.02 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Instrument : MSVOA_U
ClientSampleId : F9E08

Tgt Ion: 62 Resp: 83595

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.6#

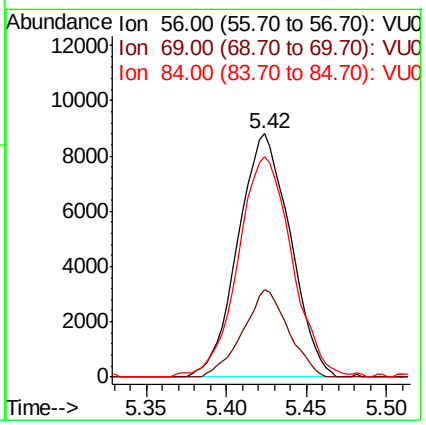


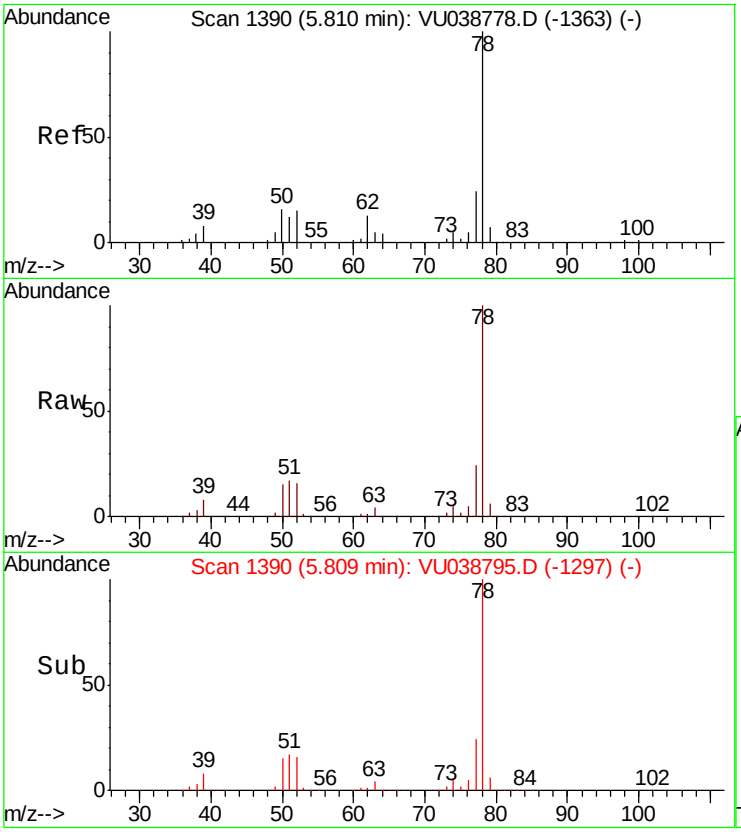


#29
Cyclohexane
Concen: 3.232 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Tgt Ion: 56 Resp: 19747

Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.1	37.7
84	92.5	70.5	105.7

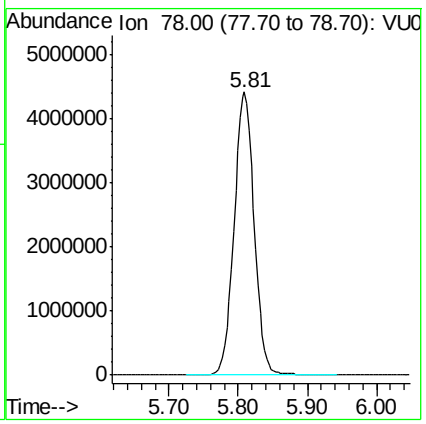


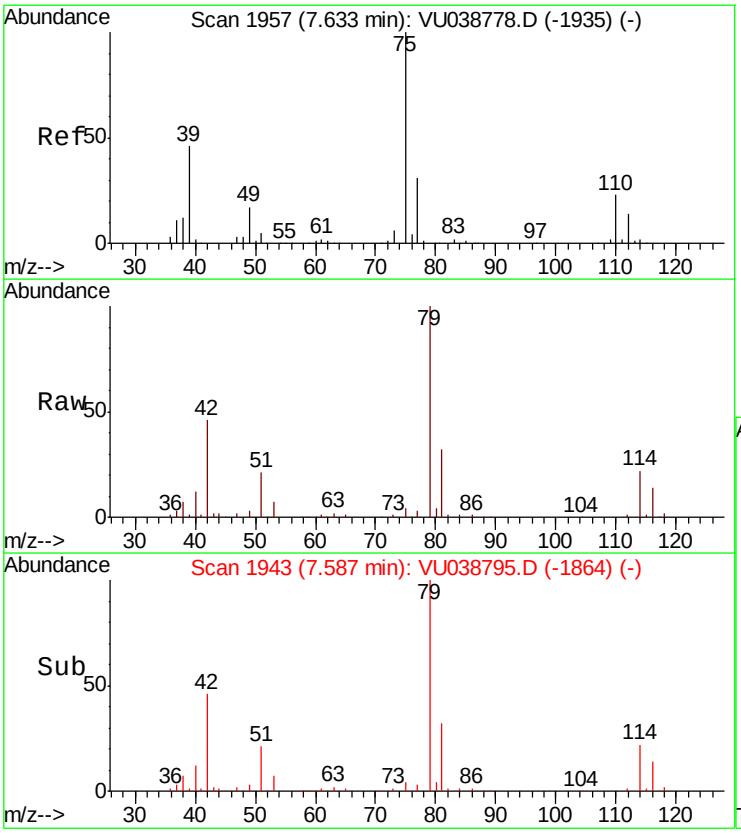


#33
Benzene
Concen: 561.936 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Instrument :
MSVOA_U
ClientSampleId :
F9E08

Tgt Ion: 78 Resp: 8910427

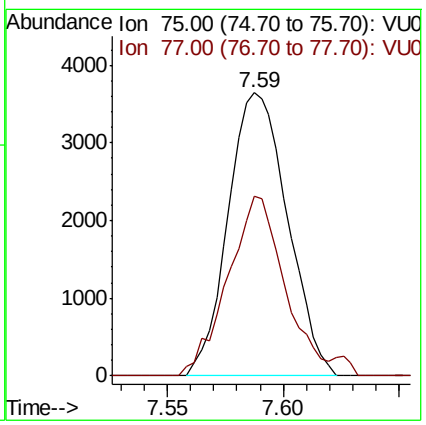


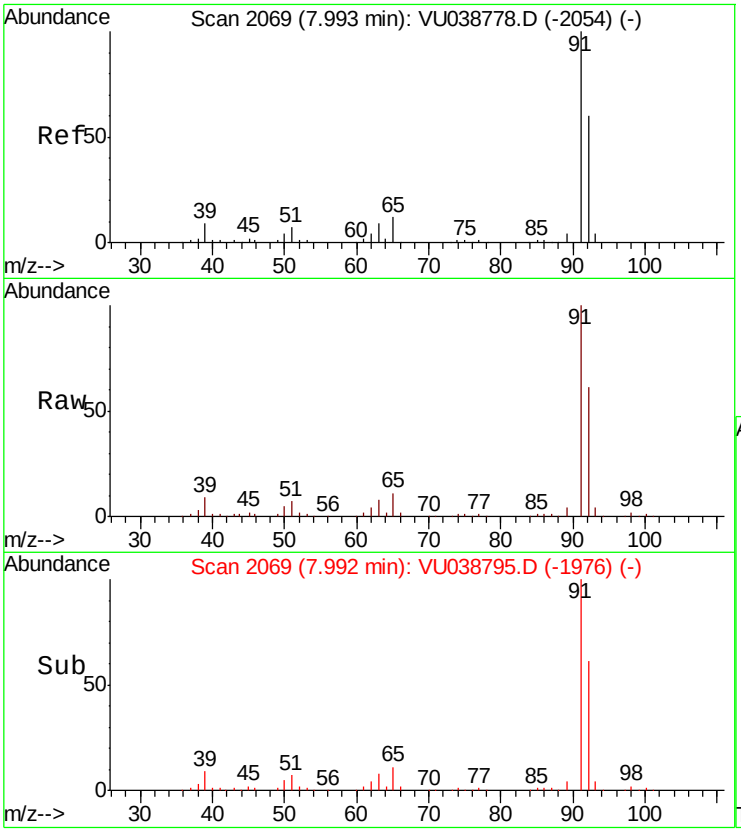


#39
cis-1,3-Dichloropropene
Concen: 1.013 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.05 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Tgt Ion: 75 Resp: 6453

Ion	Ratio	Lower	Upper
75	100		
77	63.4	22.2	41.2#



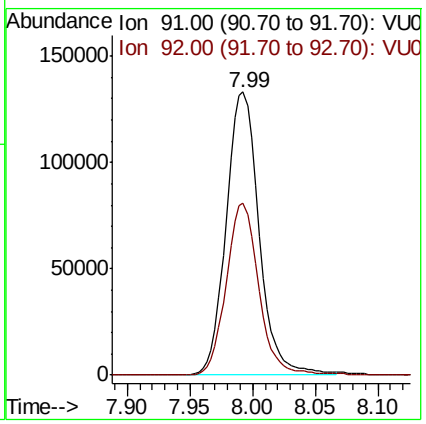


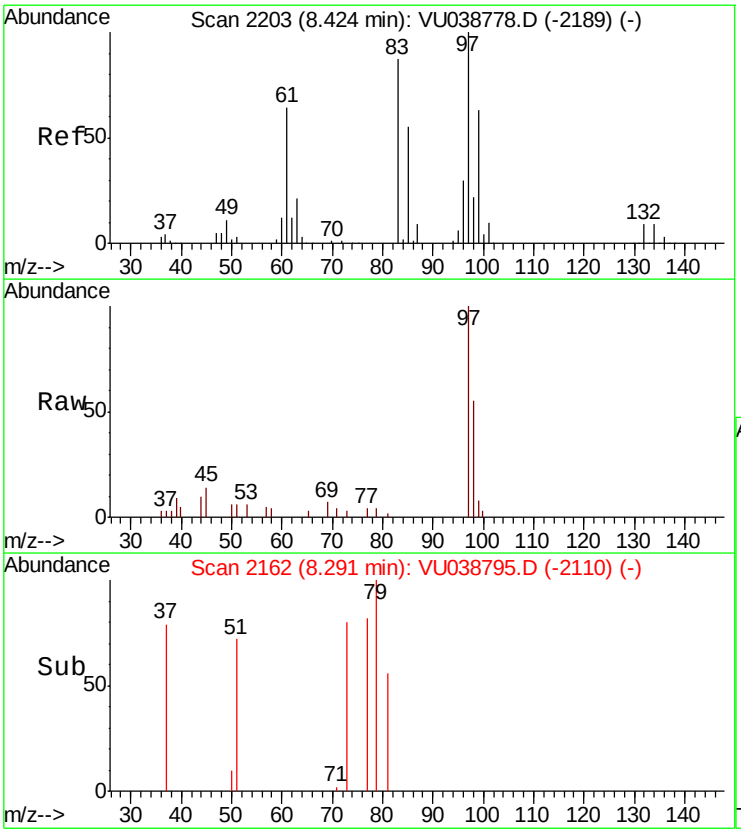
#42
Toluene
Concen: 14.648 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Instrument : MSVOA_U
ClientSampleId : F9E08

Tgt Ion: 91 Resp: 242859

Ion	Ratio	Lower	Upper
91	100		
92	60.6	42.2	78.4

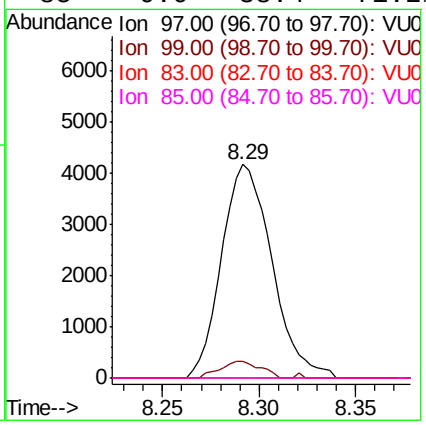


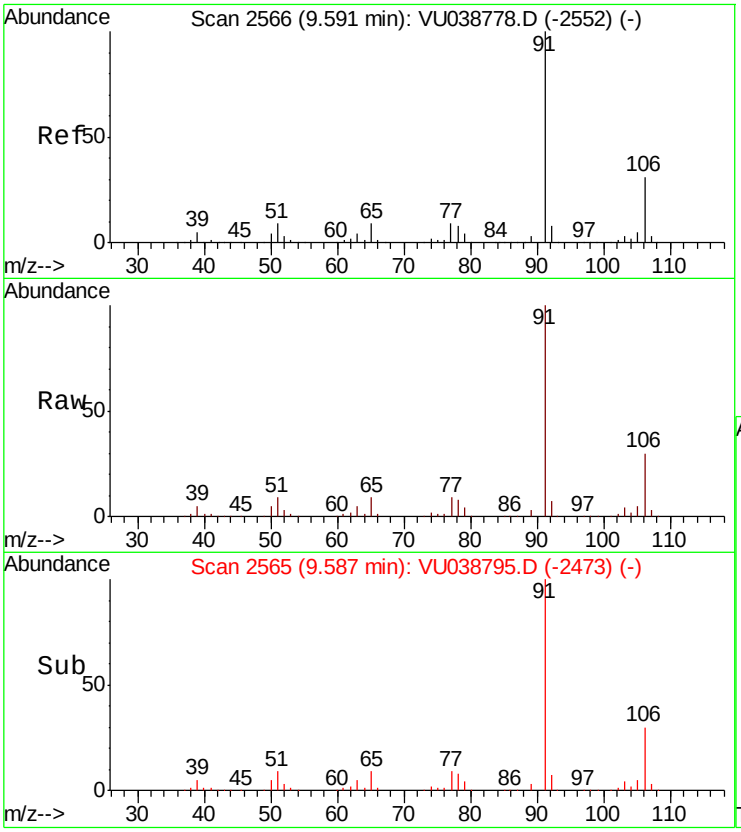


#45
1,1,2-Trichloroethane
Concen: 1.897 ug/L
RT: 8.29 min Scan# 2162
Delta R.T. -0.13 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Tgt Ion: 97 Resp: 7546

Ion	Ratio	Lower	Upper
97	100		
99	7.9	43.6	81.0#
83	0.0	60.0	111.4#
85	0.0	38.4	71.2#



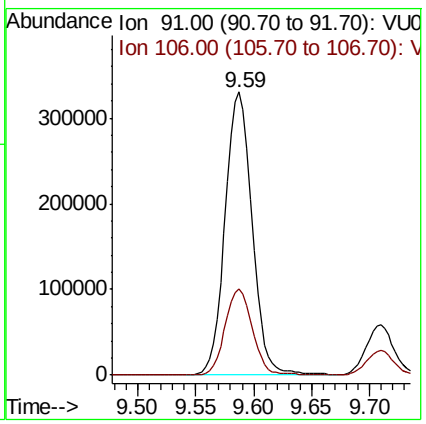


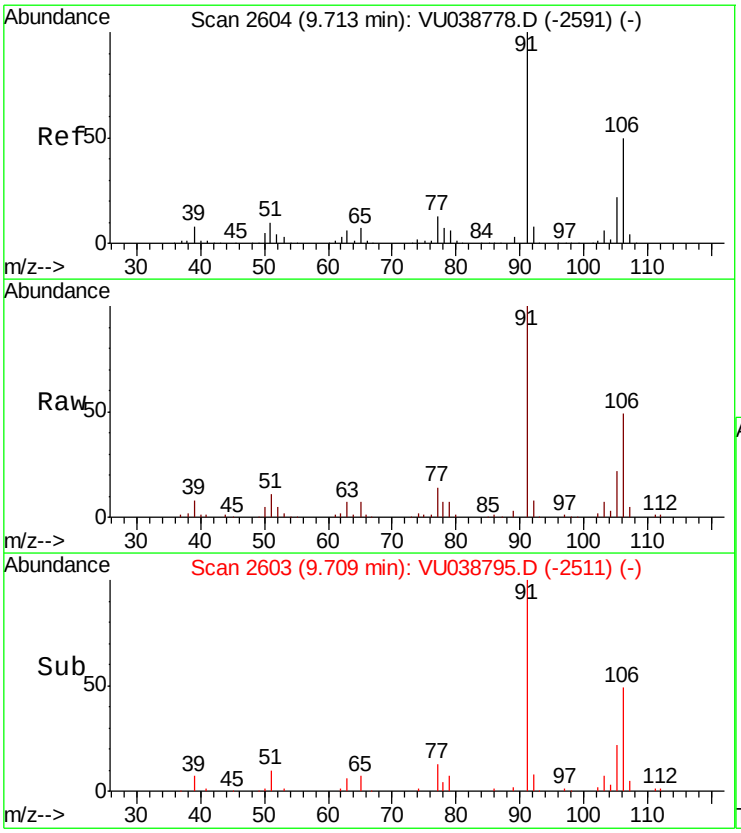
#52
Ethylbenzene
Concen: 29.225 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Instrument : MSVOA_U
ClientSampleId : F9E08

Tgt Ion: 91 Resp: 534766

Ion	Ratio	Lower	Upper
91	100		
106	30.3	21.5	39.9

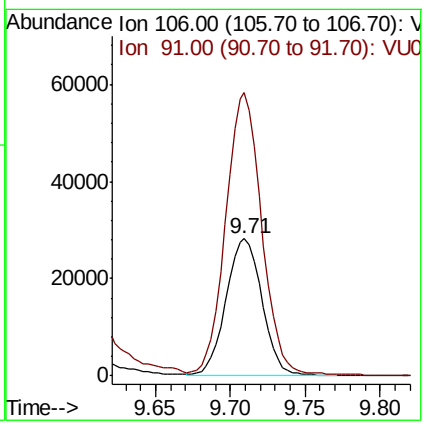


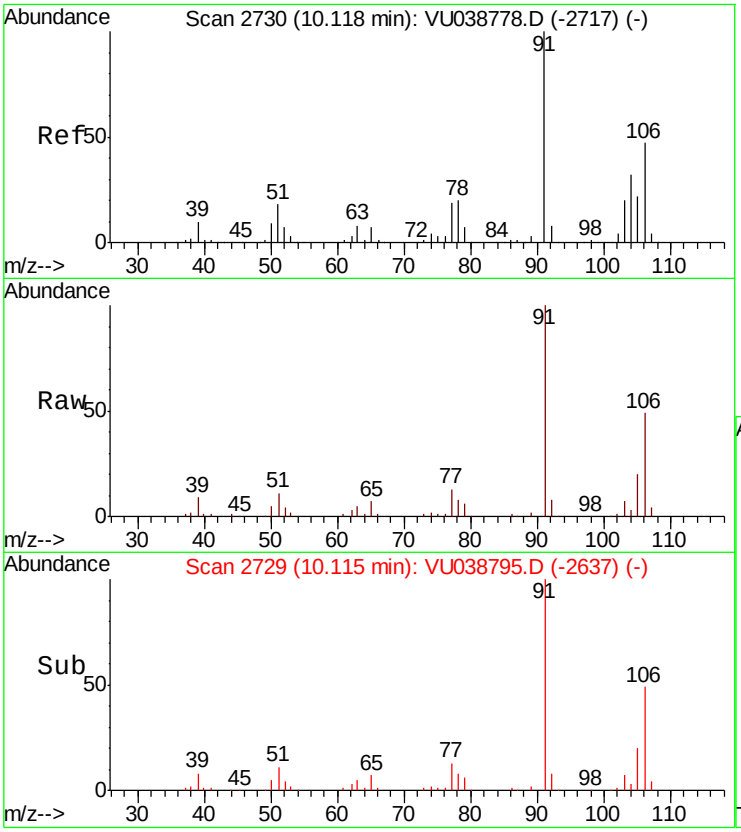


#53
m,p-Xylene
Concen: 6.810 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Tgt Ion:106 Resp: 47835

Ion	Ratio	Lower	Upper
106	100		
91	206.0	140.1	260.3



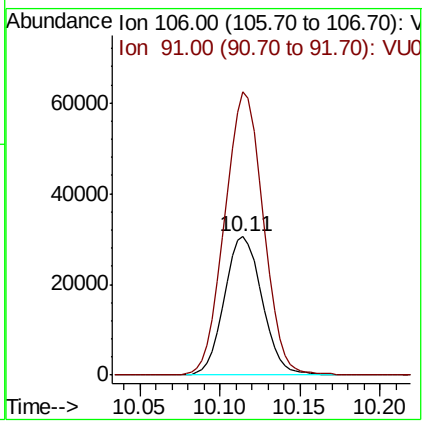


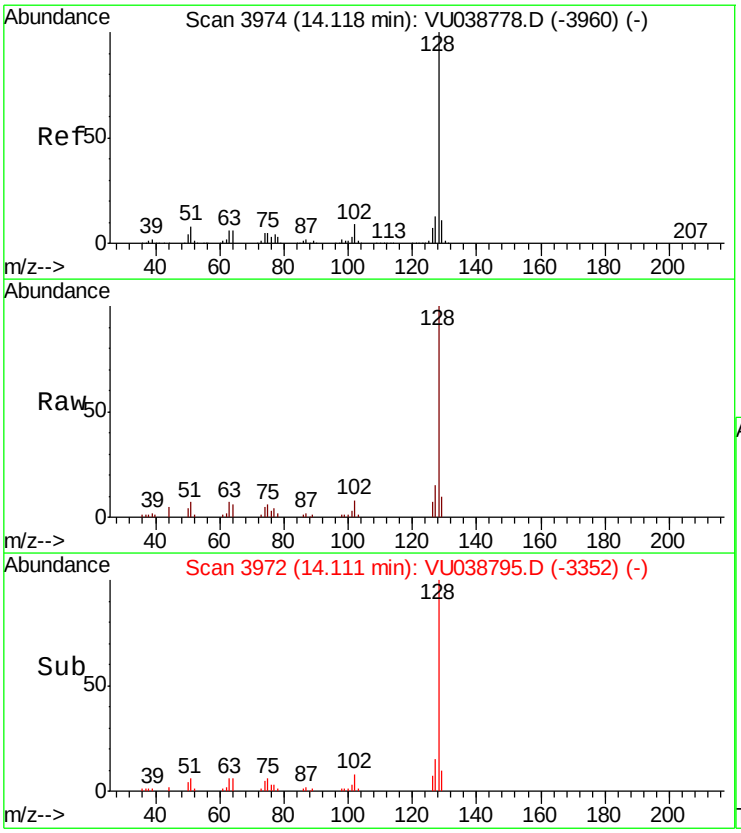
#54
o-xylene
Concen: 7.238 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Instrument : MSVOA_U
ClientSampleId : F9E08

Tgt Ion:106 Resp: 49354

Ion	Ratio	Lower	Upper
106	100		
91	204.5	151.2	280.8





#69
Naphthalene
Concen: 1.879 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. -0.01 min
Lab File: VU038795.D
Acq: 10 Jun 2020 22:58

Tgt Ion:128 Resp: 35183

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	16.0
129	10.5	8.6	12.8