Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092120\
Data File : VU040238.D
Acq On : 21 Sep 2020 16:58
Operator : SY/MD
Sample : L4046-13DL 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG0Q1DL

Quant Time: Sep 22 15:54:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123401	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57033	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	27842	4.13	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.60%			
7) Chloroethane-d5	1.92	69	27838	4.96	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.20%			
11) 1,1-Dichloroethene-d2	2.58	63	48500	2.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 56.20%#			
20) 2-Butanone-d5	4.66	46	166505	61.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 123.58%			
24) Chloroform-d	5.08	84	78278	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.72	65	51432	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
32) Benzene-d6	5.75	84	138859	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.70	67	48664	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.91	98	110660	4.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%			
43) trans-1,3-Dichloropropene-	8.19	79	21160	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.64	63	124665	60.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 120.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48379	5.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51962	5.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.60%			
Target Compounds						Qvalue
16) Methylene chloride	3.06	84	1644	0.131	ug/L	70
25) Chloroform	5.10	83	3829	0.177	ug/L	85
33) Benzene	5.79	78	381287	8.638	ug/L	100
42) Toluene	7.98	91	50551	1.112	ug/L	96
51) Chlorobenzene	9.45	112	38948	1.380	ug/L	96
52) Ethylbenzene	9.57	91	38307	0.742	ug/L	99
53) m,p-Xylene	9.69	106	93244	5.070	ug/L	99
54) o-Xylene	10.10	106	20085	1.146	ug/L	99
56) Isopropylbenzene	10.48	105	4069	0.085	ug/L	93

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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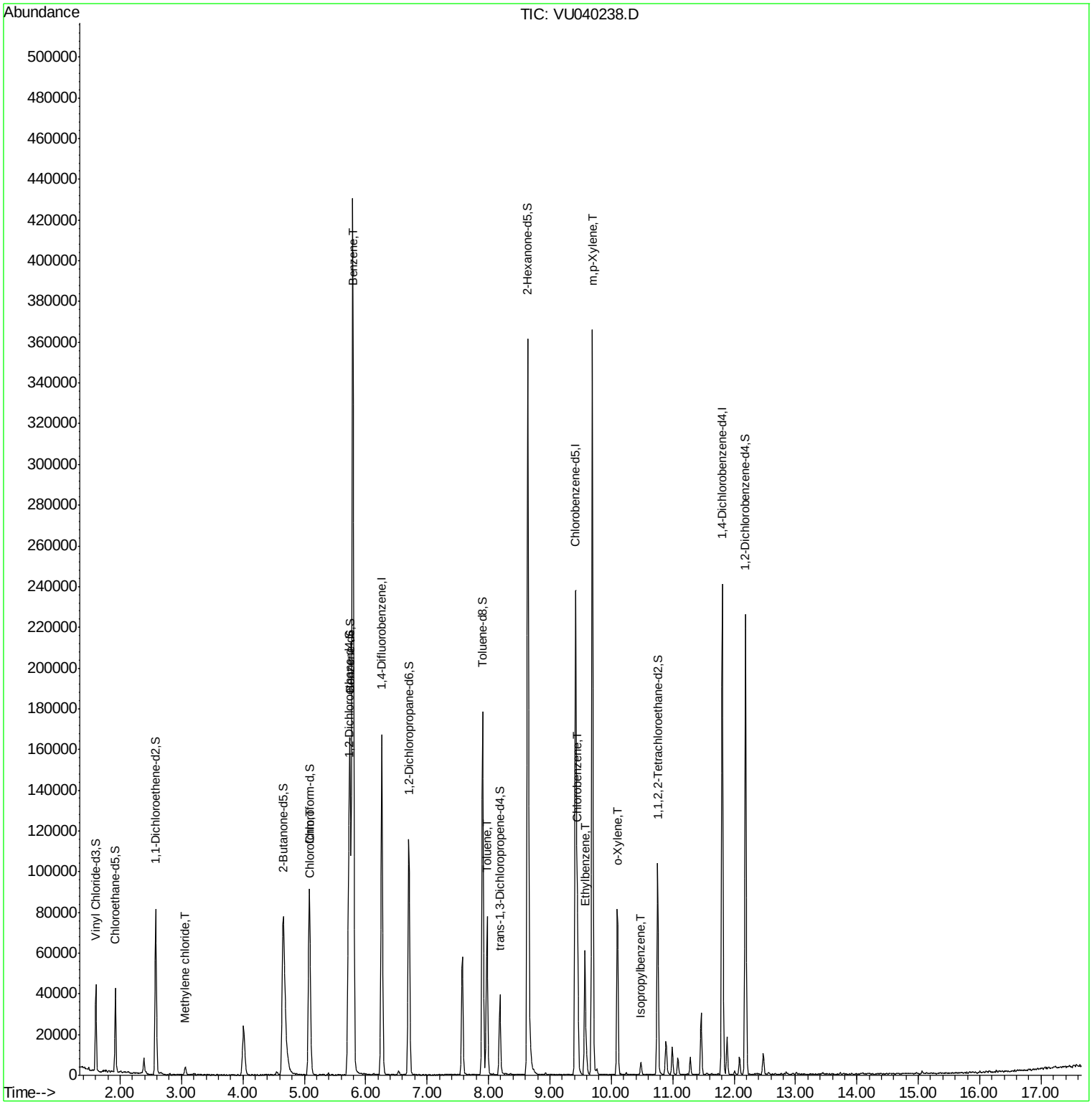
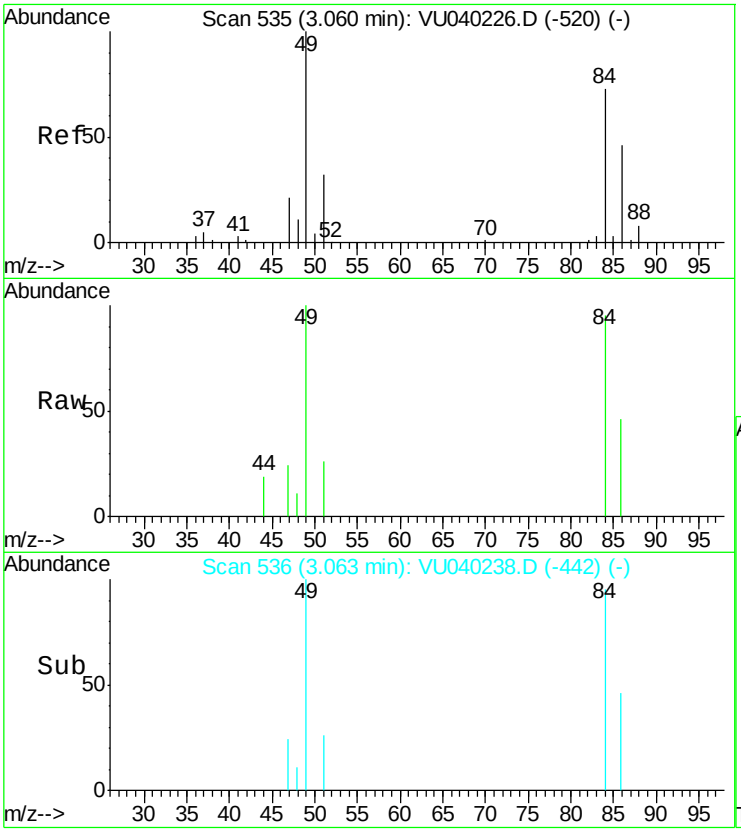
ClientSampleId :
BG0Q1DL

Quant Time: Sep 22 15:54:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 22 07:07:10 2020
Response via : Initial Calibration



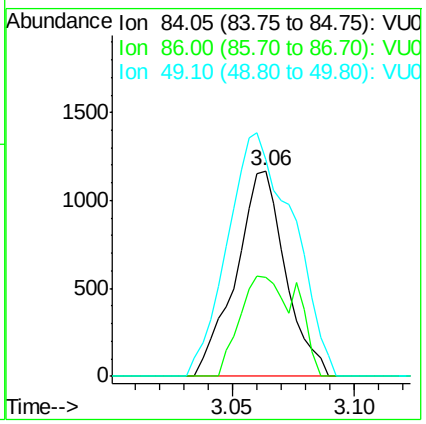


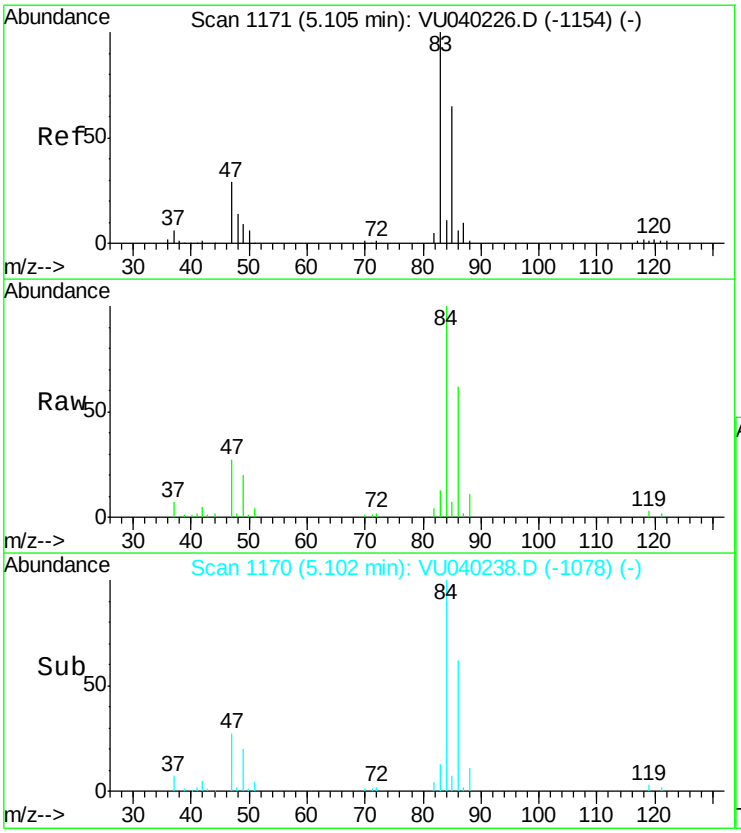
#16
Methylene chloride
Concen: 0.131 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Instrument : MSVOA_U
ClientSampleId : BG0Q1DL

Tgt Ion: 84 Resp: 1644

Ion	Ratio	Lower	Upper
84	100		
86	48.4	45.2	84.0
49	105.1	104.0	193.2

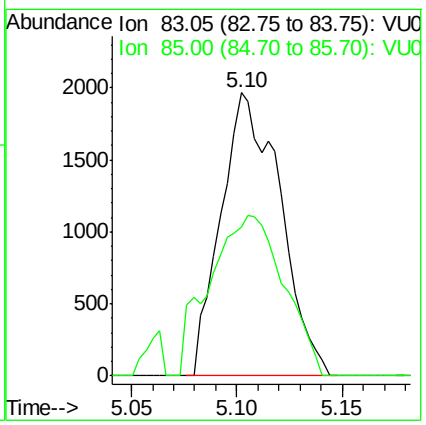


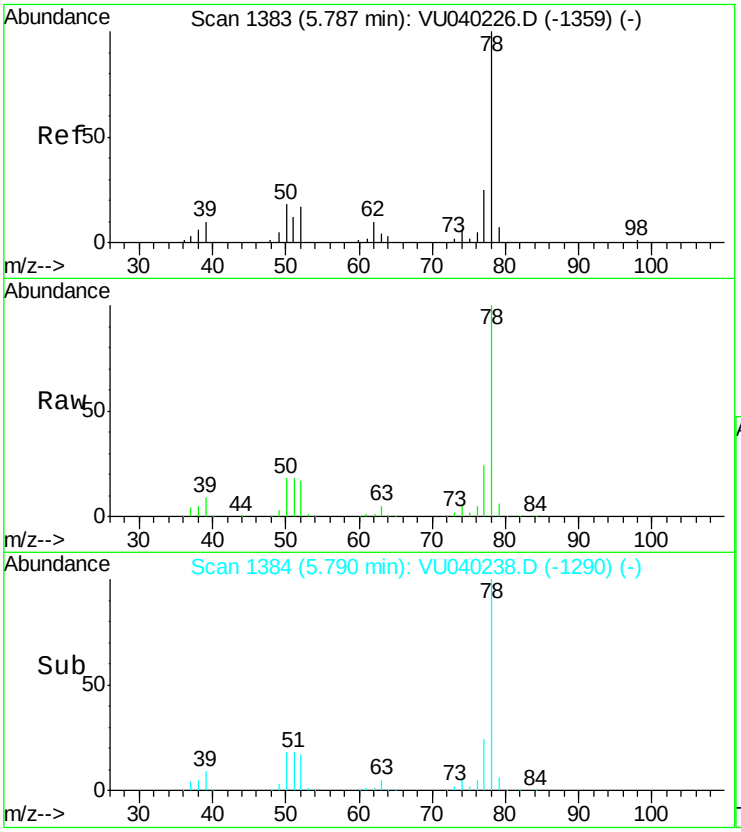


#25
Chloroform
Concen: 0.177 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. -0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Tgt Ion: 83 Resp: 3829

Ion	Ratio	Lower	Upper
83	100		
85	52.8	45.3	84.1

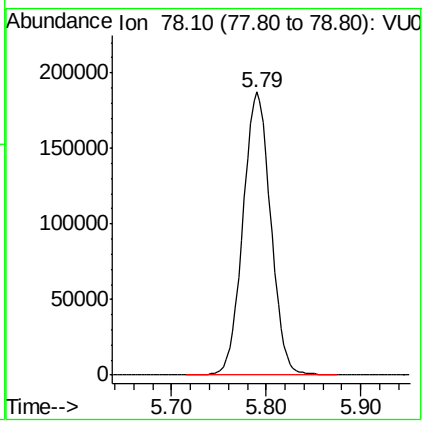


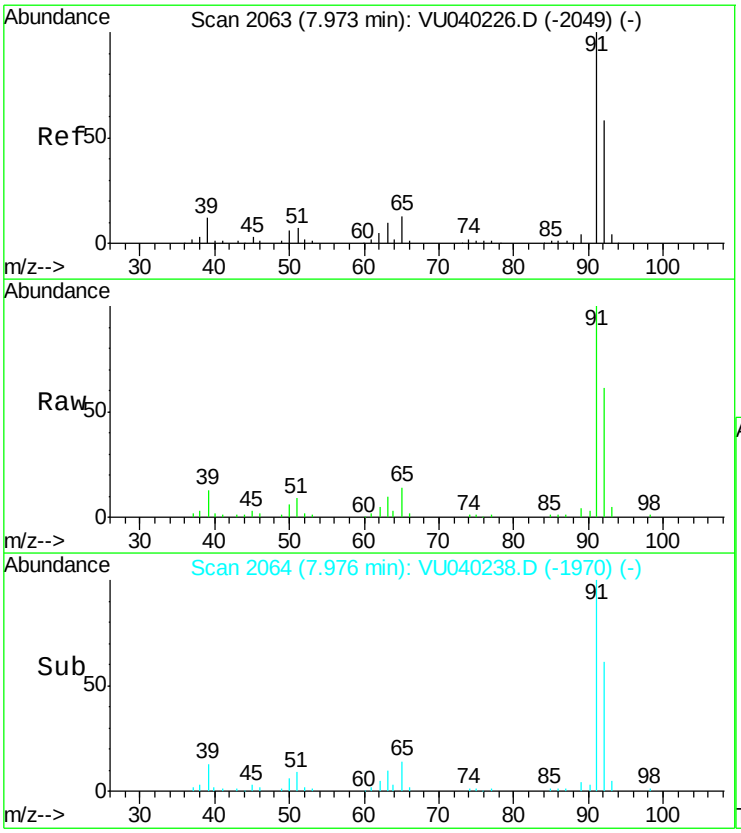


#33
Benzene
Concen: 8.638 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1DL

Tgt Ion: 78 Resp: 381287

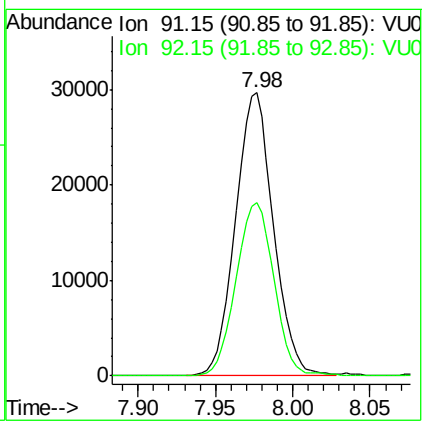


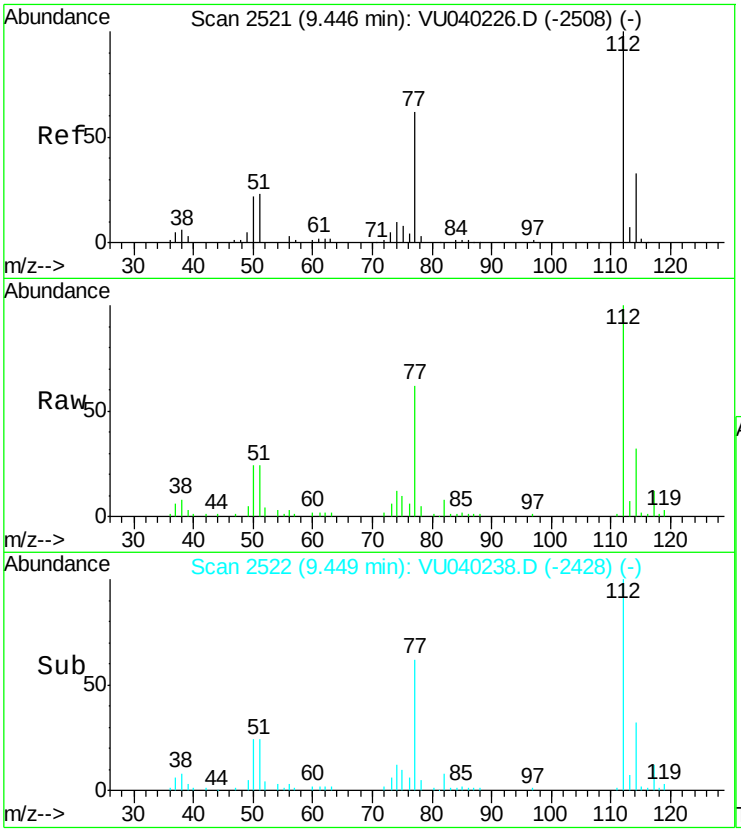


#42
Toluene
Concen: 1.112 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Tgt Ion: 91 Resp: 50551

Ion	Ratio	Lower	Upper
91	100		
92	61.2	40.7	75.5



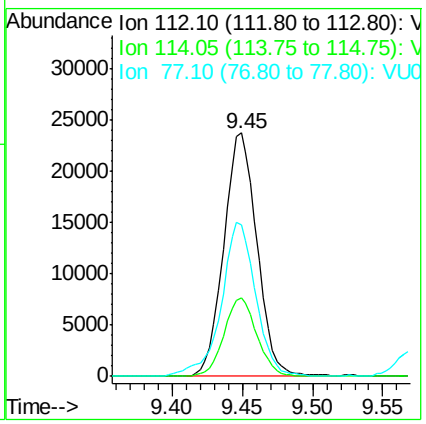


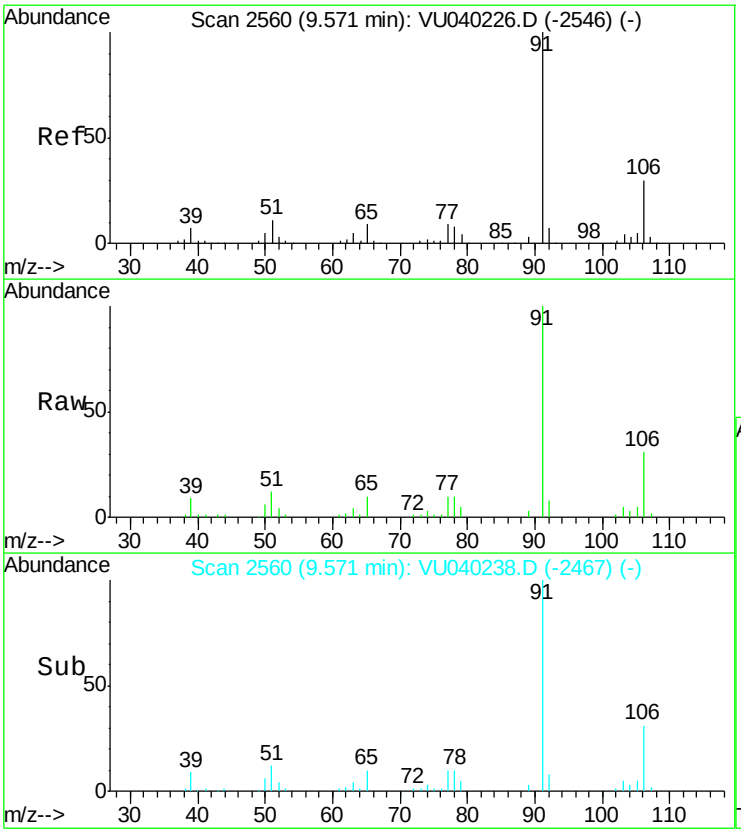
#51
Chlorobenzene
Concen: 1.380 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Instrument : MSVOA_U
ClientSampleId : BG0Q1DL

Tgt Ion:112 Resp: 38948

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.7	42.3
77	62.4	53.2	79.8

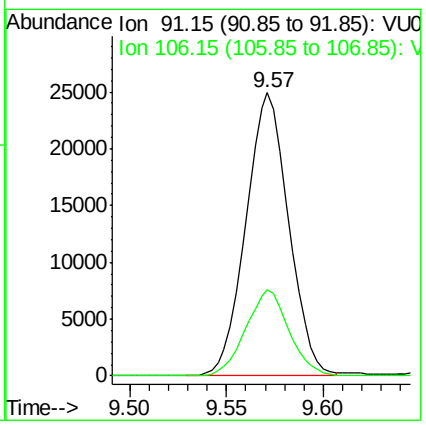


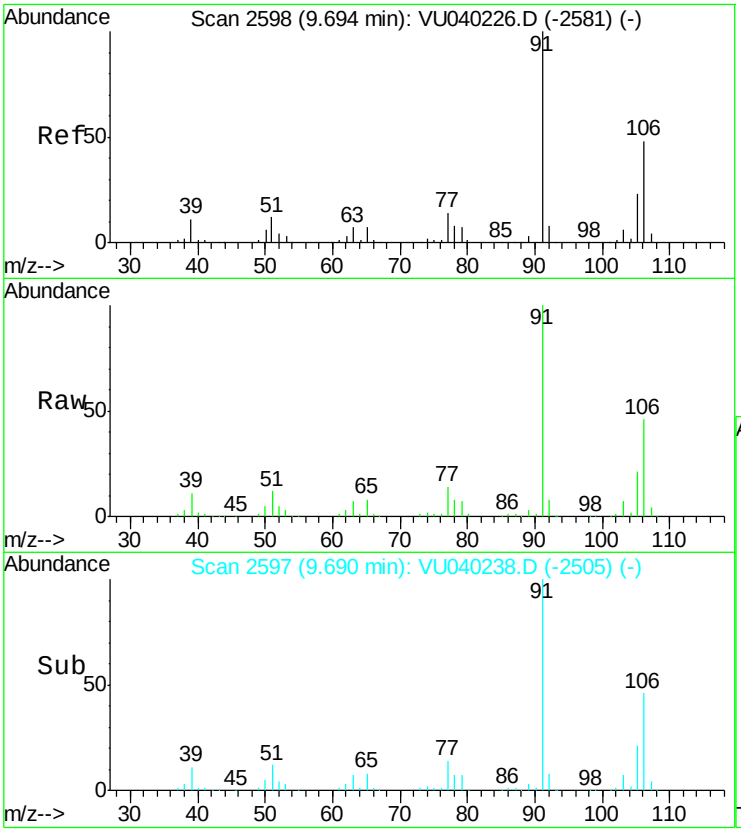


#52
Ethylbenzene
Concen: 0.742 ug/L
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Tgt Ion: 91 Resp: 38307

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.0	39.0



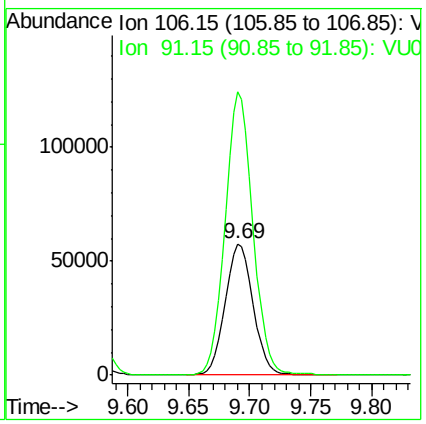


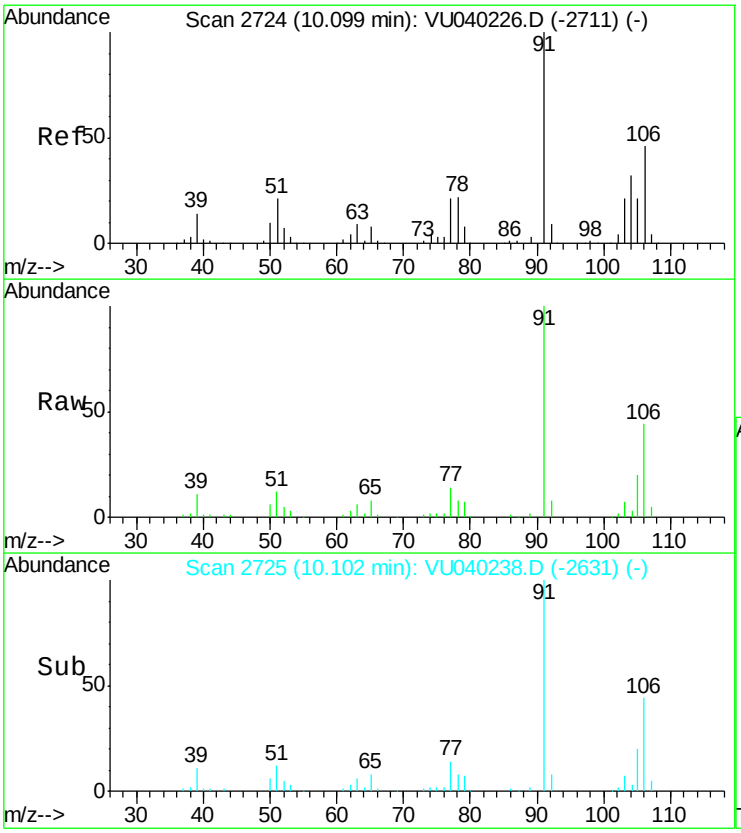
#53
m,p-Xylene
Concen: 5.070 ug/L
RT: 9.69 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1DL

Tgt Ion:106 Resp: 93244

Ion	Ratio	Lower	Upper
106	100		
91	215.4	151.7	281.7

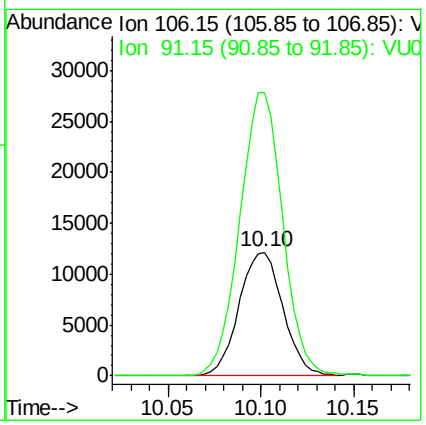


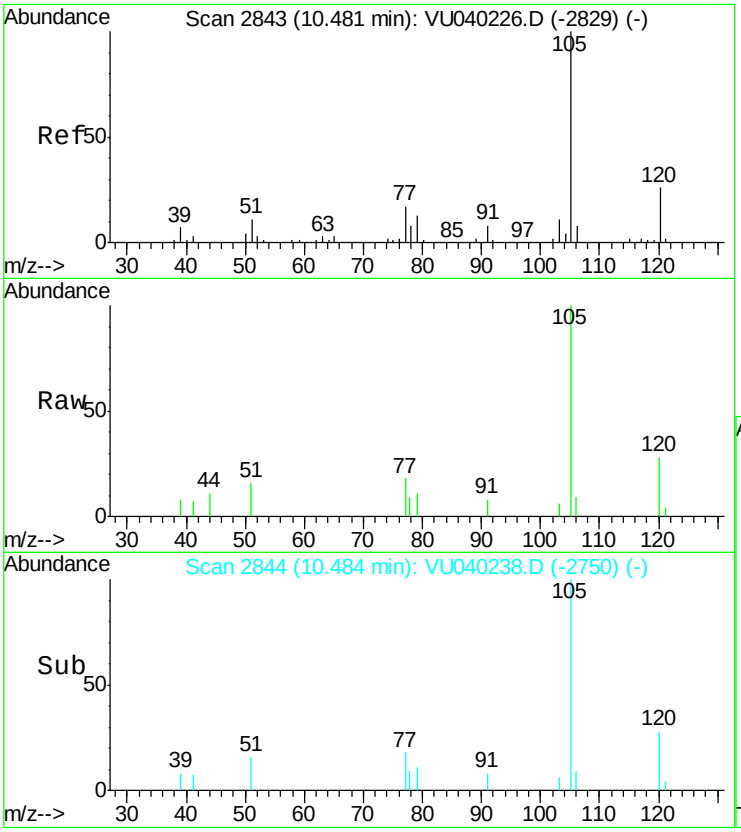


#54
o-Xylene
Concen: 1.146 ug/L
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Tgt Ion:106 Resp: 20085

Ion	Ratio	Lower	Upper
106	100		
91	228.6	160.8	298.6





#56
Isopropylbenzene
Concen: 0.085 ug/L
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040238.D
Acq: 21 Sep 2020 16:58

Instrument :
MSVOA_U
ClientSampleId :
BG0Q1DL

Tgt Ion:105 Resp: 4069

Ion	Ratio	Lower	Upper
105	100		
120	30.0	20.1	30.1
77	17.1	14.4	21.6