Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038270.D
Acq On : 21 May 2020 17:25
Operator : JC/MD
Sample : L2724-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4W2

Quant Time: May 22 02:24:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	460891	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	442329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	215037	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	125602	2.98	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.60%			
7) Chloroethane-d5	1.93	69	141870	3.89	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.80%			
11) 1,1-Dichloroethene-d2	2.59	63	188647	2.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 53.60%#			
20) 2-Butanone-d5	4.66	46	526456	50.61	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.22%			
24) Chloroform-d	5.10	84	288380	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.74	65	170960	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.76	84	600141	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.72	67	196391	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.92	98	533769	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloropropene-	8.20	79	70937	4.14	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.80%			
46) 2-Hexanone-d5	8.65	63	471146	58.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.44%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	169588	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	206873	4.94	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%			
Target Compounds						Qvalue
13) Acetone	2.66	43	6031	0.924	ug/L	95
17) Methyl tert-butyl Ether	3.40	73	48765	0.549	ug/L	98
33) Benzene	5.81	78	27339	0.193	ug/L	100
51) Chlorobenzene	9.47	112	102684	1.107	ug/L	97
53) m,p-Xylene	9.71	106	9988	0.161	ug/L	85
54) o-Xylene	10.11	106	4543	0.076	ug/L	97
63) 1,4-Dichlorobenzene	11.84	146	9976	0.141	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	6869	0.102	ug/L #	83

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

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Quant Title : TRACE VOA SOM01.0
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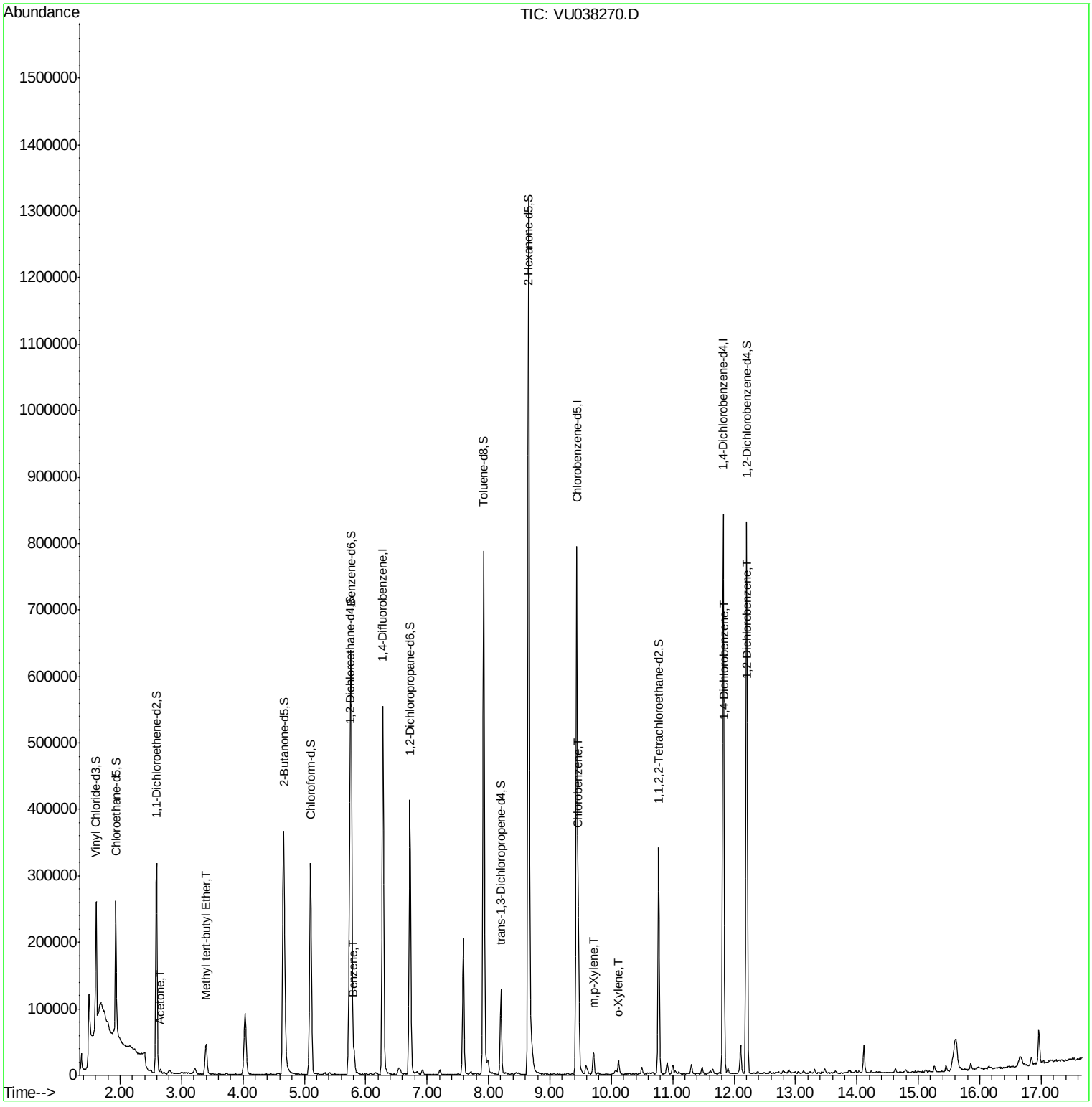
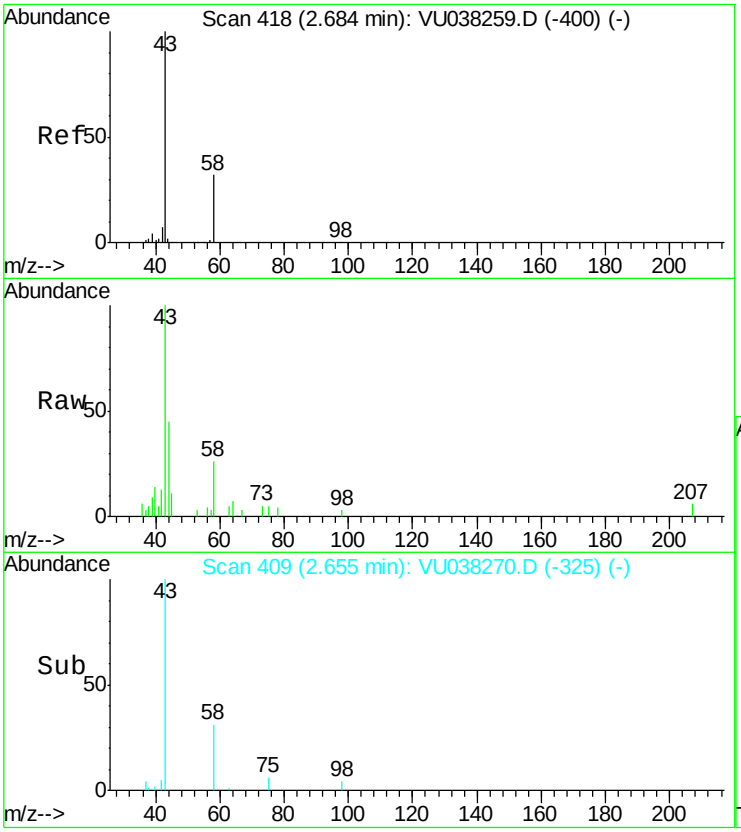


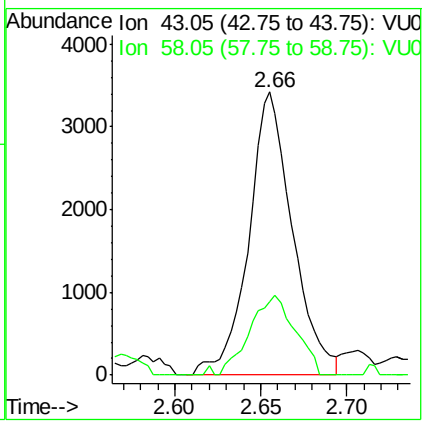


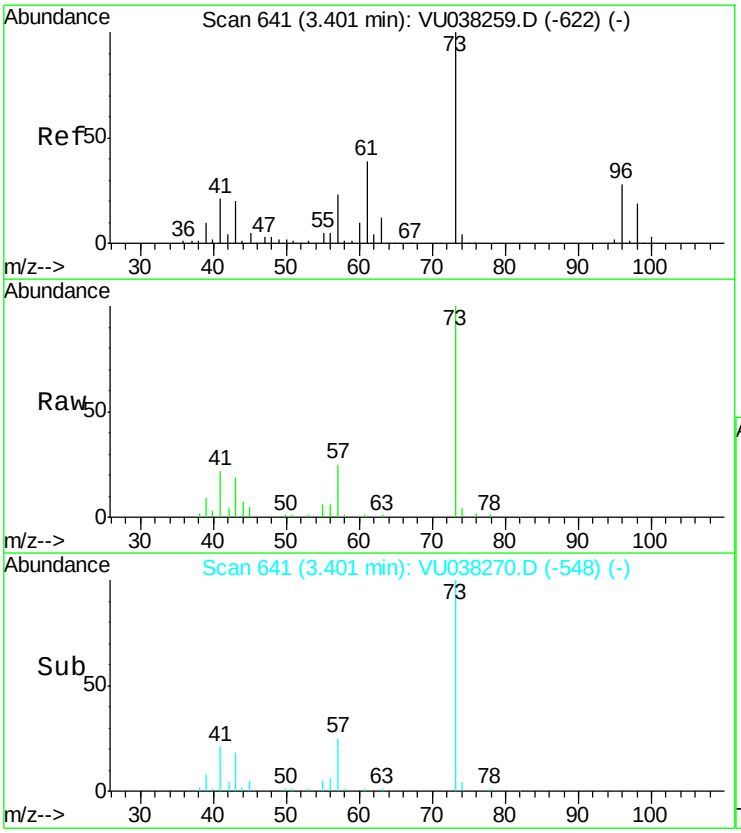
#13
Acetone
Concen: 0.924 ug/L
RT: 2.66 min Scan# 409
Delta R.T. -0.03 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Instrument :
MSVOA_U
ClientSampleId :
BE4W2

Tgt Ion: 43 Resp: 6031

Ion	Ratio	Lower	Upper
43	100		
58	29.1	0.0	63.6

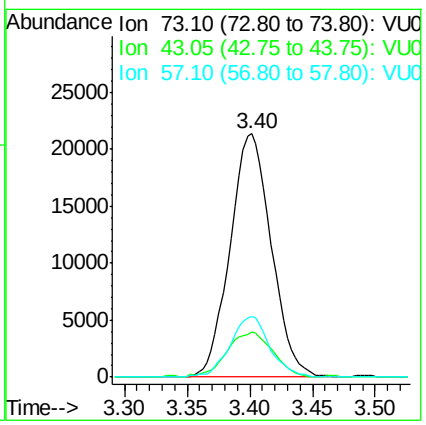


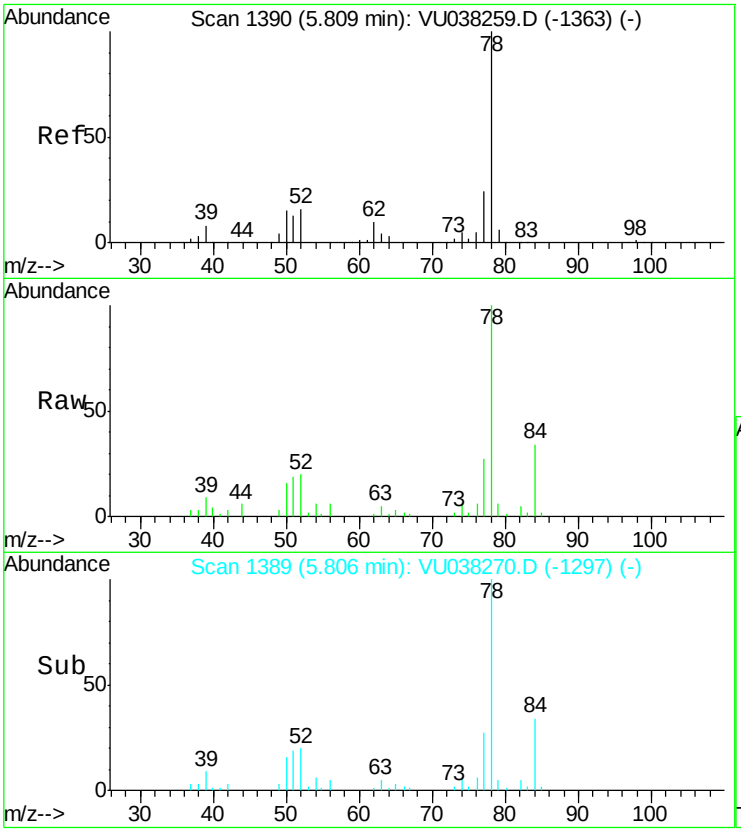


#17
Methyl tert-butyl Ether
Concen: 0.549 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Tgt Ion: 73 Resp: 48765

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.9	25.3
57	24.0	18.2	27.2

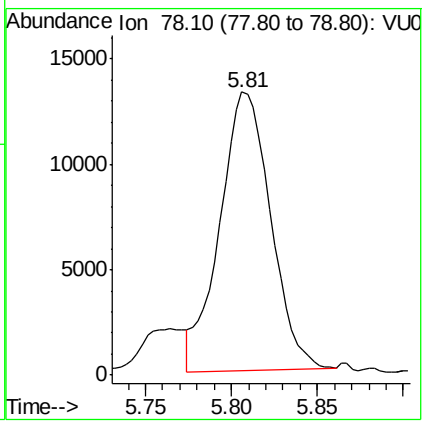


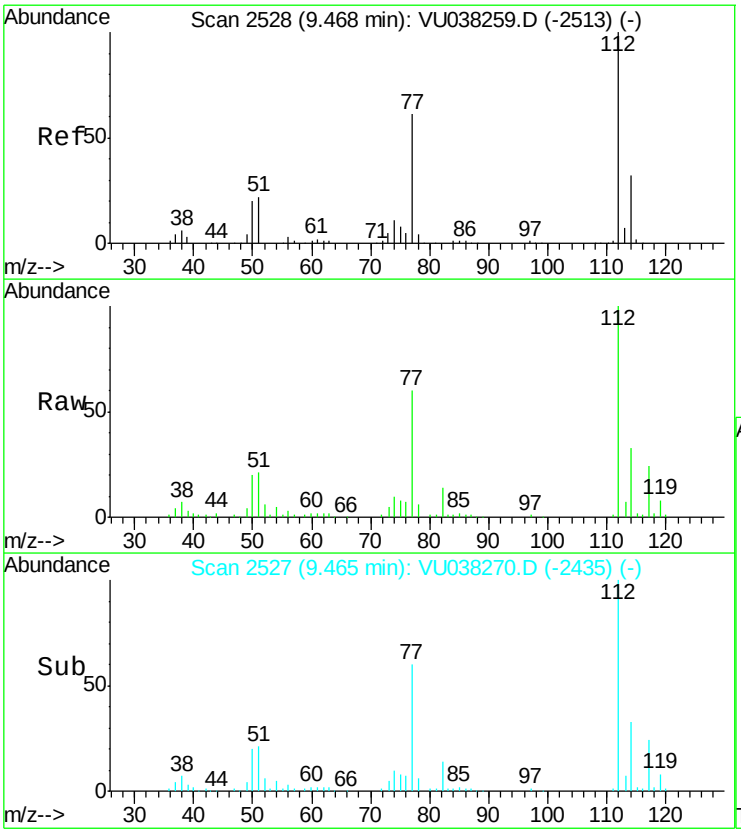


#33
Benzene
Concen: 0.193 ug/L
RT: 5.81 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Instrument :
MSVOA_U
ClientSampleId :
BE4W2

Tgt Ion: 78 Resp: 27339

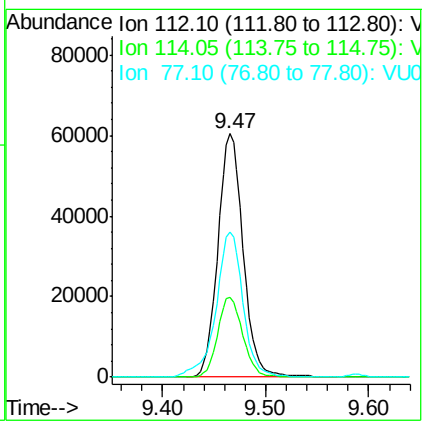


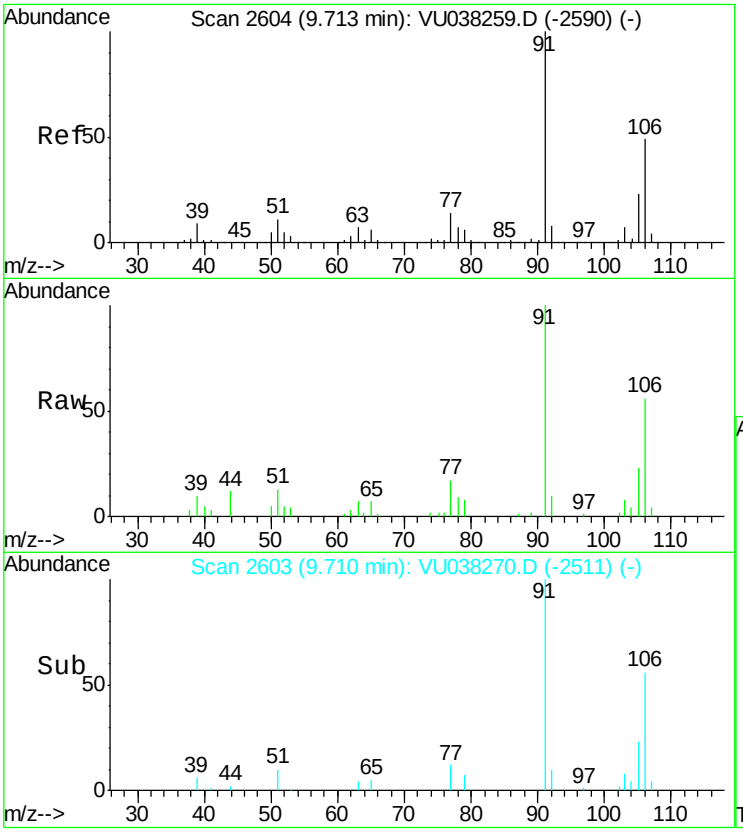


#51
Chlorobenzene
Concen: 1.107 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Tgt Ion:112 Resp: 102684

Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.5	41.7
77	59.7	49.9	74.9



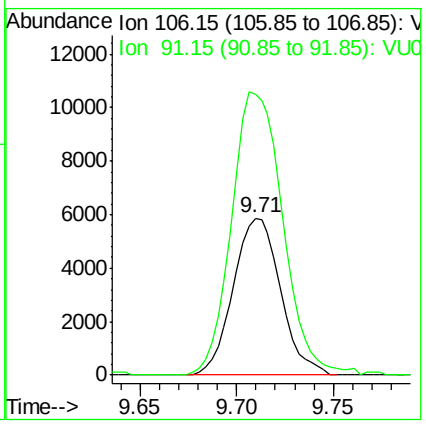


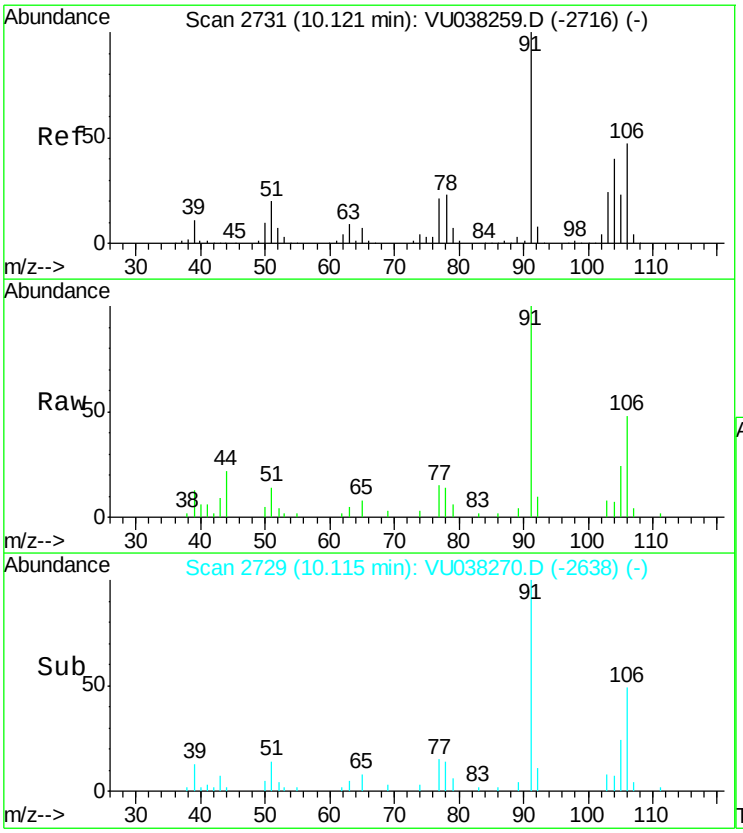
#53
m,p-Xylene
Concen: 0.161 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Instrument :
MSVOA_U
ClientSampleId :
BE4W2

Tgt Ion:106 Resp: 9988

Ion	Ratio	Lower	Upper
106	100		
91	179.5	142.1	263.9

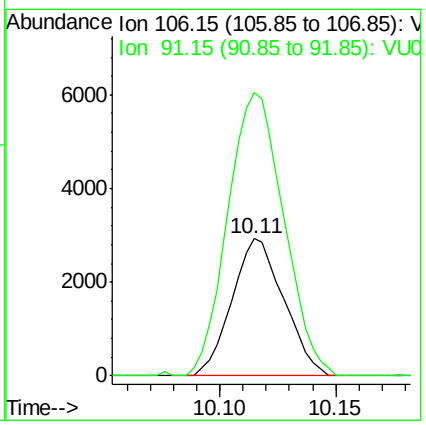


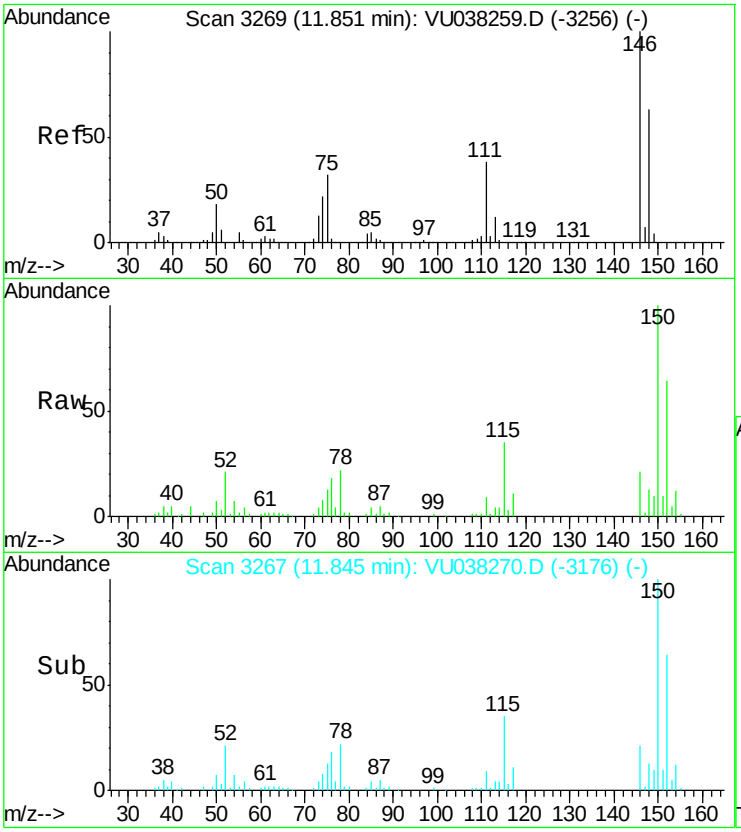


#54
o-Xylene
Concen: 0.076 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.01 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Tgt Ion:106 Resp: 4543

Ion	Ratio	Lower	Upper
106	100		
91	206.7	148.5	275.9



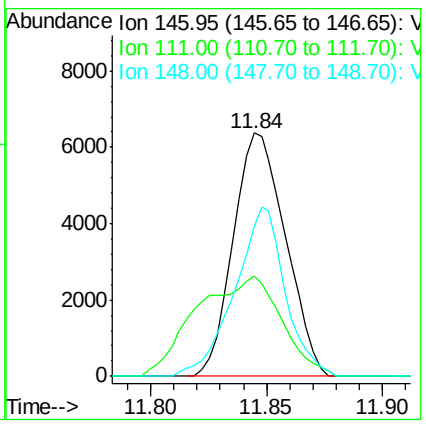


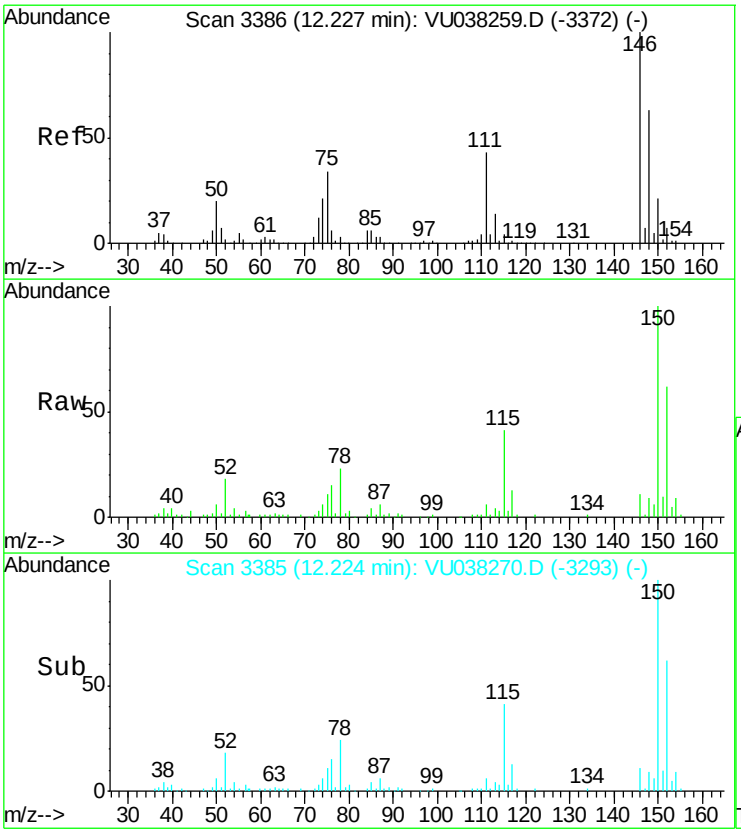
#63
1,4-Dichlorobenzene
Concen: 0.141 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. -0.01 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Instrument : MSVOA_U
ClientSampleId : BE4W2

Tgt Ion:146 Resp: 9976

Ion	Ratio	Lower	Upper
146	100		
111	41.1	27.2	50.6
148	61.6	43.8	81.3





#65
1,2-Dichlorobenzene
Concen: 0.102 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038270.D
Acq: 21 May 2020 17:25

Tgt Ion:146 Resp: 6869

Ion	Ratio	Lower	Upper
146	100		
111	51.1	35.3	52.9
148	80.6	51.0	76.4#