Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052220\
Data File : VU038286.D
Acq On : 22 May 2020 18:39
Operator : JC/MD
Sample : L2724-12DL 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T8DL

Quant Time: May 22 23:01:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 22:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	312738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	301598	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	153522	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	97391	3.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.20%			
7) Chloroethane-d5	1.93	69	90417	3.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.00%			
11) 1,1-Dichloroethene-d2	2.59	63	149259	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	4.66	46	365703	51.82	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.64%			
24) Chloroform-d	5.10	84	207767	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.74	65	122387	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.76	84	431171	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.72	67	137372	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.20%			
41) Toluene-d8	7.92	98	378040	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
43) trans-1,3-Dichloropropene-	8.20	79	51937	4.45	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.00%			
46) 2-Hexanone-d5	8.65	63	286226	51.88	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.76%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113029	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	152827	5.11	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						Qvalue
33) Benzene	5.81	78	2544214	26.343	ug/L	100
35) Methylcyclohexane	6.79	83	3605	0.092	ug/L	93
42) Toluene	7.99	91	12670	0.124	ug/L	88
51) Chlorobenzene	9.47	112	135666	2.144	ug/L	100
52) Ethylbenzene	9.59	91	369026	3.341	ug/L	98
53) m,p-Xylene	9.71	106	181853	4.294	ug/L	99
54) o-Xylene	10.12	106	32466	0.793	ug/L	99
56) Isopropylbenzene	10.50	105	141662	1.347	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	3321	0.066	ug/L	92
63) 1,4-Dichlorobenzene	11.85	146	16549	0.327	ug/L	95
65) 1,2-Dichlorobenzene	12.22	146	10115	0.210	ug/L	98

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

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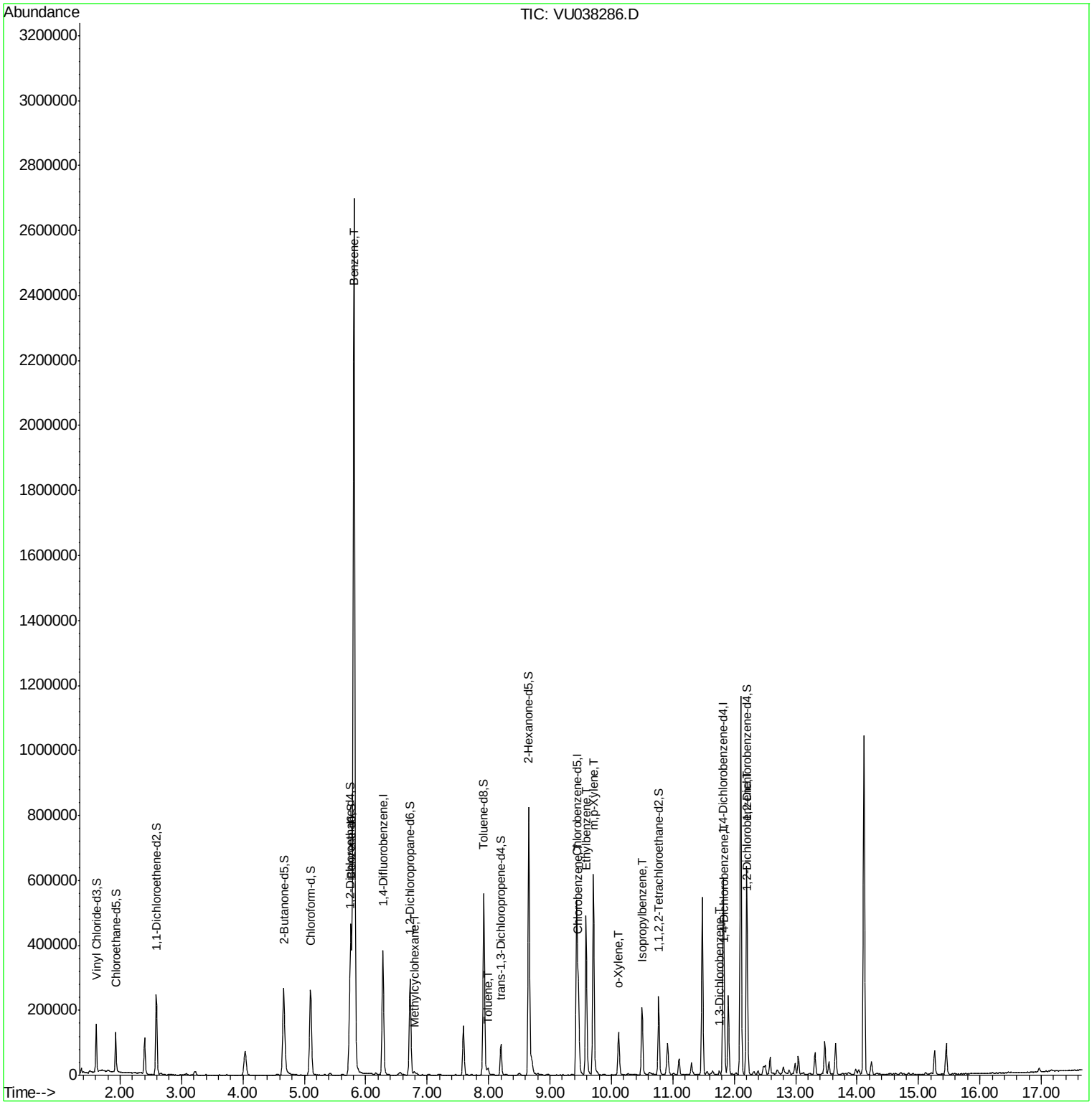
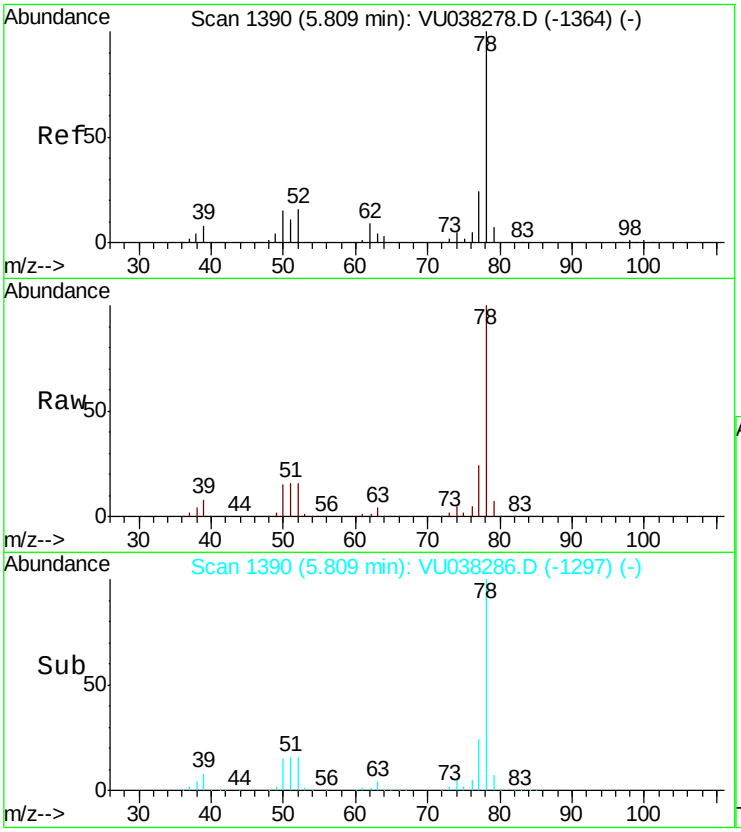
Instrument :
MSVOA_U
ClientSampleId :
BE4T8DL

Quant Time: May 22 23:01:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 22:19:50 2020
Response via : Initial Calibration

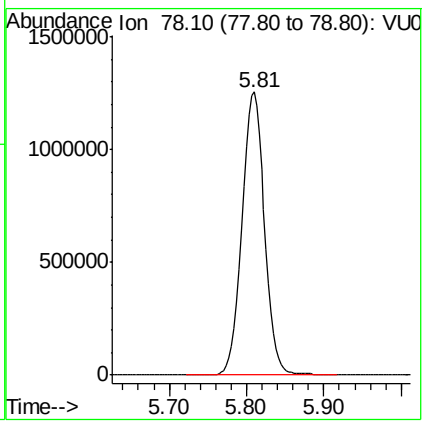


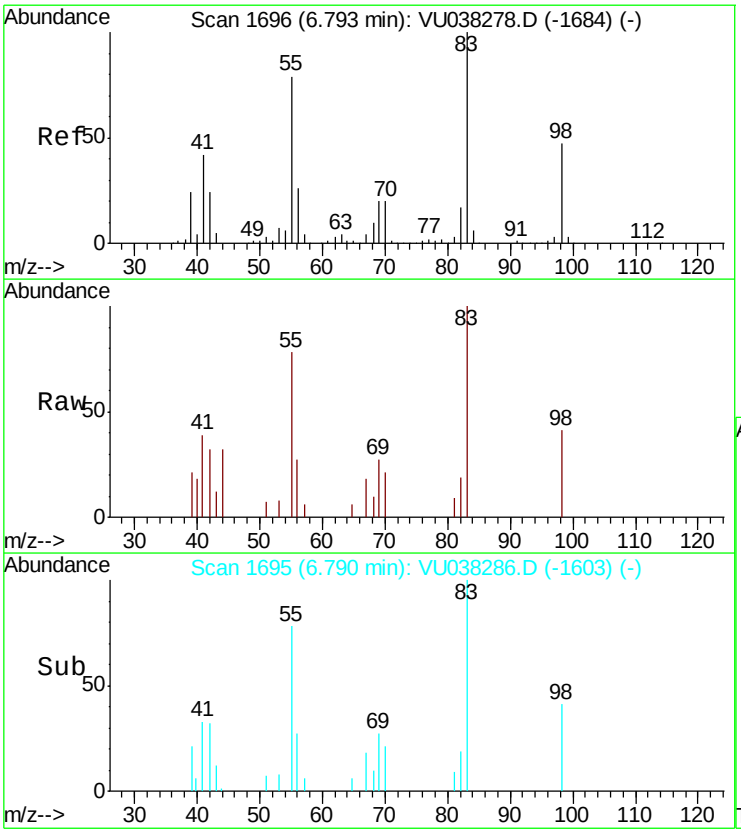


#33
Benzene
Concen: 26.343 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Instrument :
MSVOA_U
ClientSampleId :
BE4T8DL

Tgt Ion: 78 Resp: 2544214

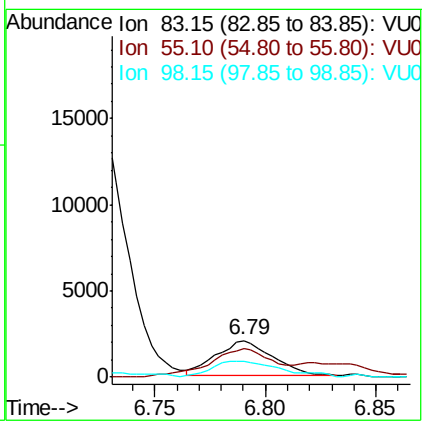


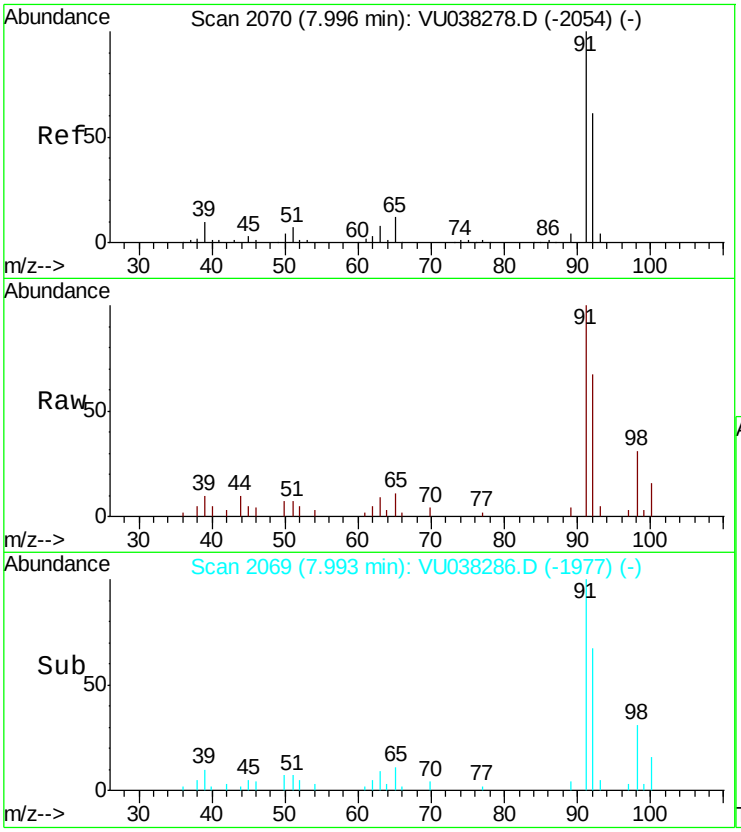


#35
Methylcyclohexane
Concen: 0.092 ug/L
RT: 6.79 min Scan# 1695
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Tgt Ion: 83 Resp: 3605

Ion	Ratio	Lower	Upper
83	100		
55	88.9	66.7	100.1
98	54.8	39.4	59.2



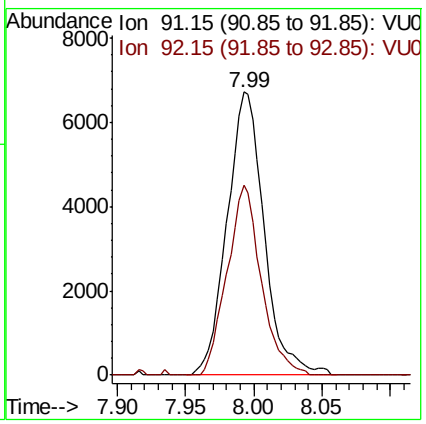


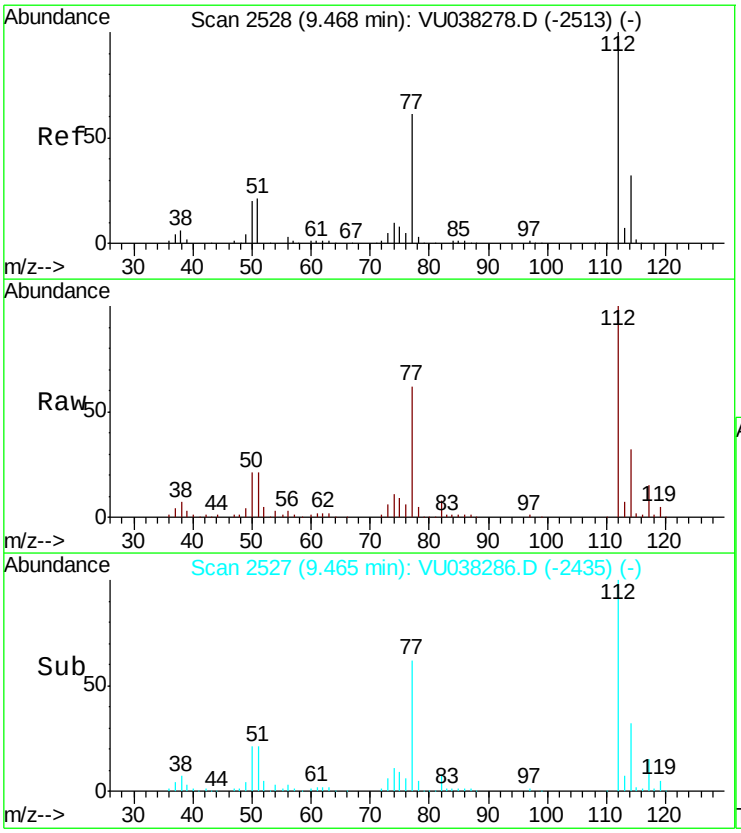
#42
Toluene
Concen: 0.124 ug/L
RT: 7.99 min Scan# 2069
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Instrument :
MSVOA_U
ClientSampleId :
BE4T8DL

Tgt Ion: 91 Resp: 12670

Ion	Ratio	Lower	Upper
91	100		
92	67.1	40.9	75.9

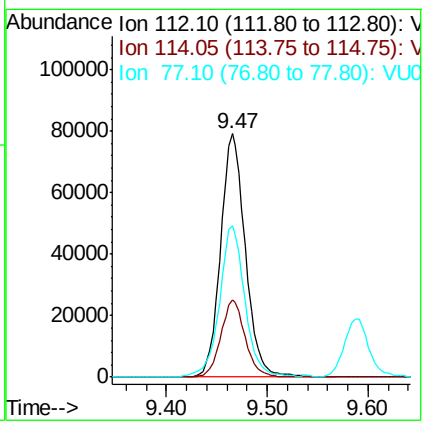


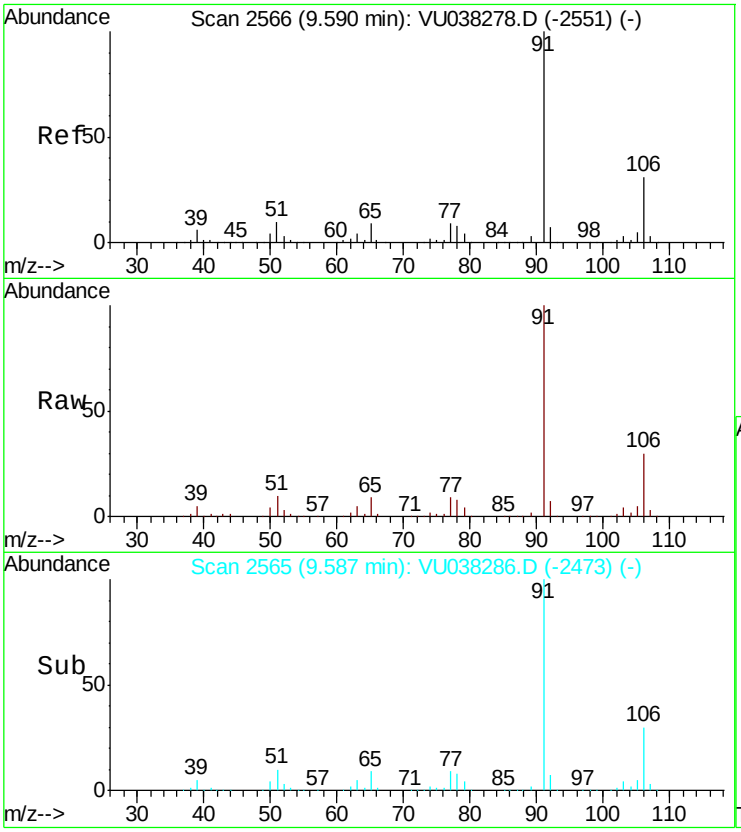


#51
Chlorobenzene
Concen: 2.144 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Tgt Ion:112 Resp: 135666

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.5	41.7
77	62.3	49.9	74.9



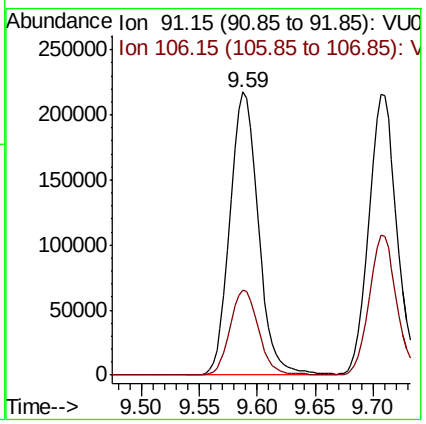


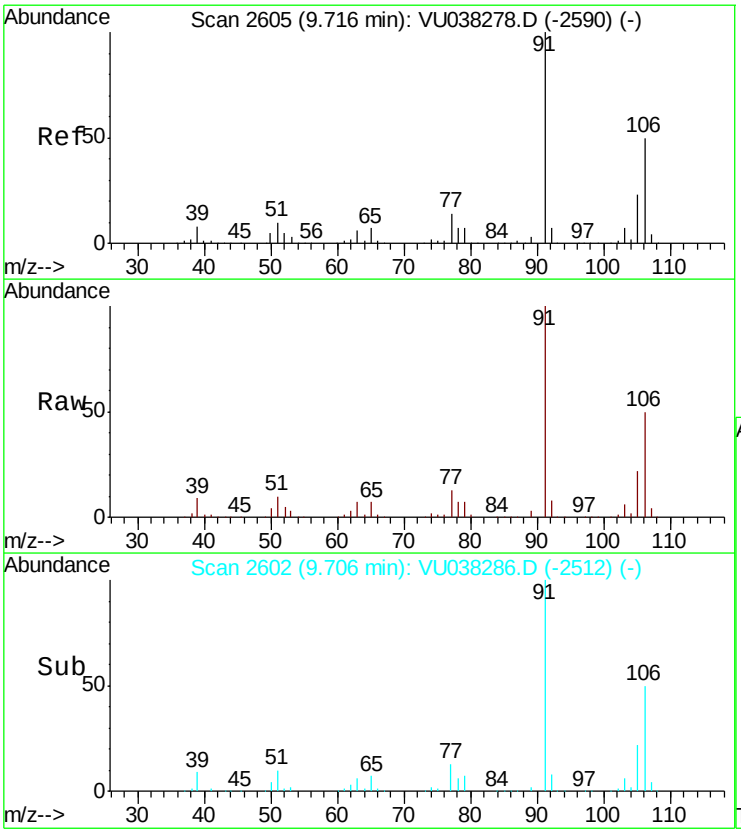
#52
Ethylbenzene
Concen: 3.341 ug/L
RT: 9.59 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Instrument : MSVOA_U
ClientSampleId : BE4T8DL

Tgt Ion: 91 Resp: 369026

Ion	Ratio	Lower	Upper
91	100		
106	30.1	21.8	40.4

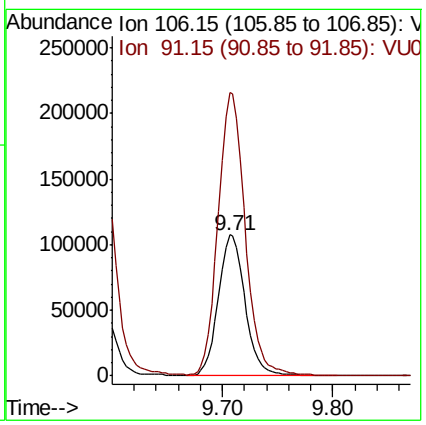


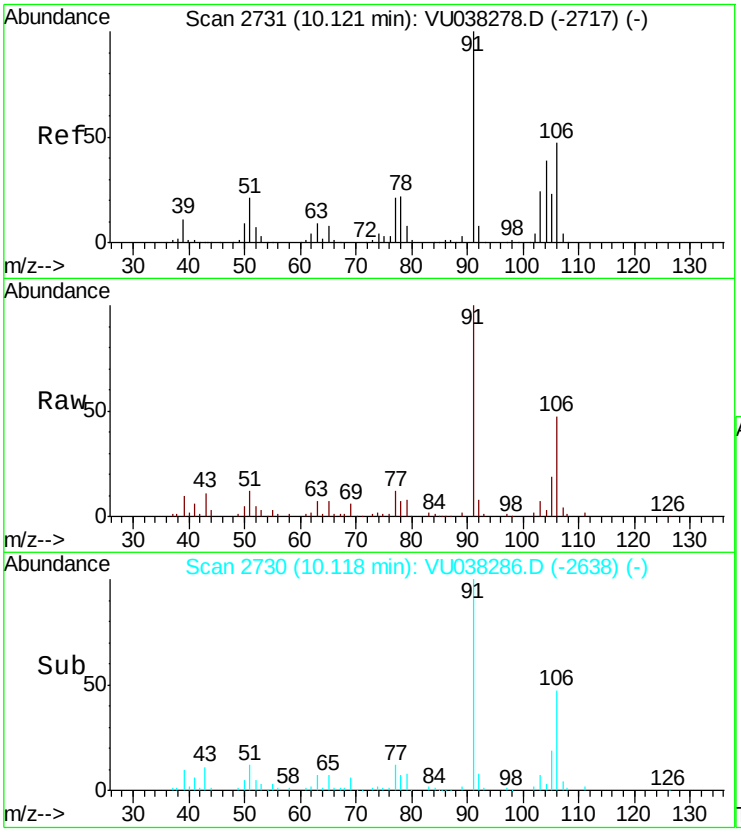


#53
m,p-Xylene
Concen: 4.294 ug/L
RT: 9.71 min Scan# 2602
Delta R.T. -0.01 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Tgt Ion:106 Resp: 181853

Ion	Ratio	Lower	Upper
106	100		
91	201.2	142.1	263.9



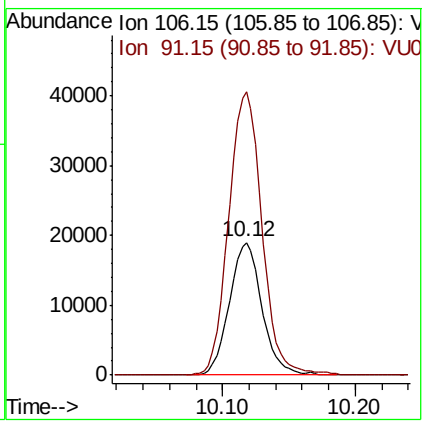


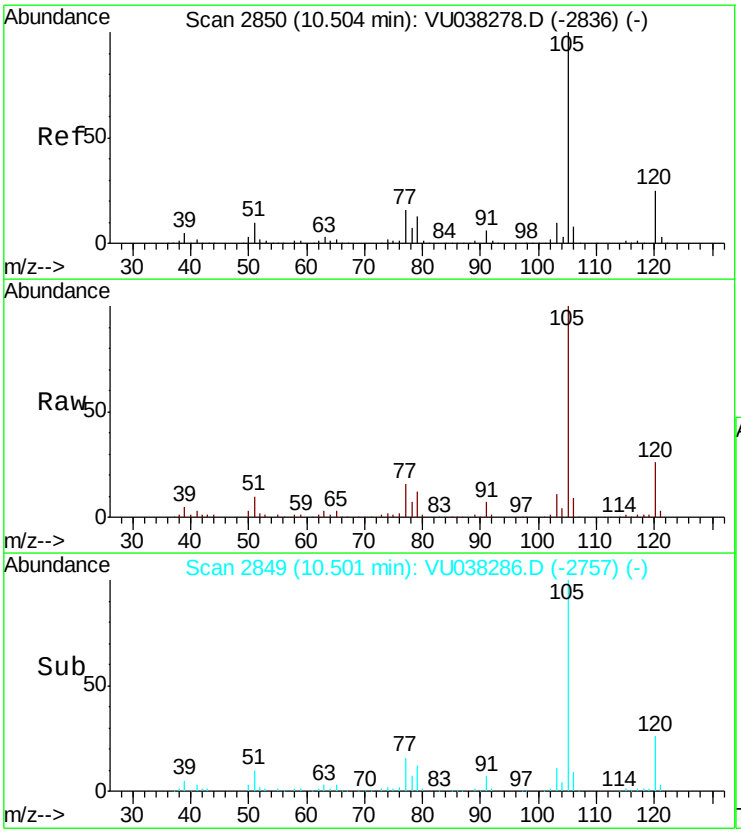
#54
o-Xylene
Concen: 0.793 ug/L
RT: 10.12 min Scan# 2730
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Instrument :
MSVOA_U
ClientSampleId :
BE4T8DL

Tgt Ion:106 Resp: 32466

Ion	Ratio	Lower	Upper
106	100		
91	213.0	148.5	275.9

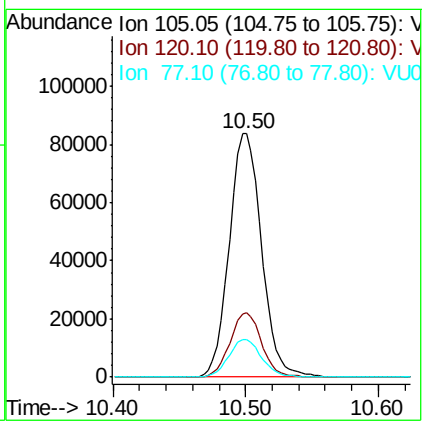


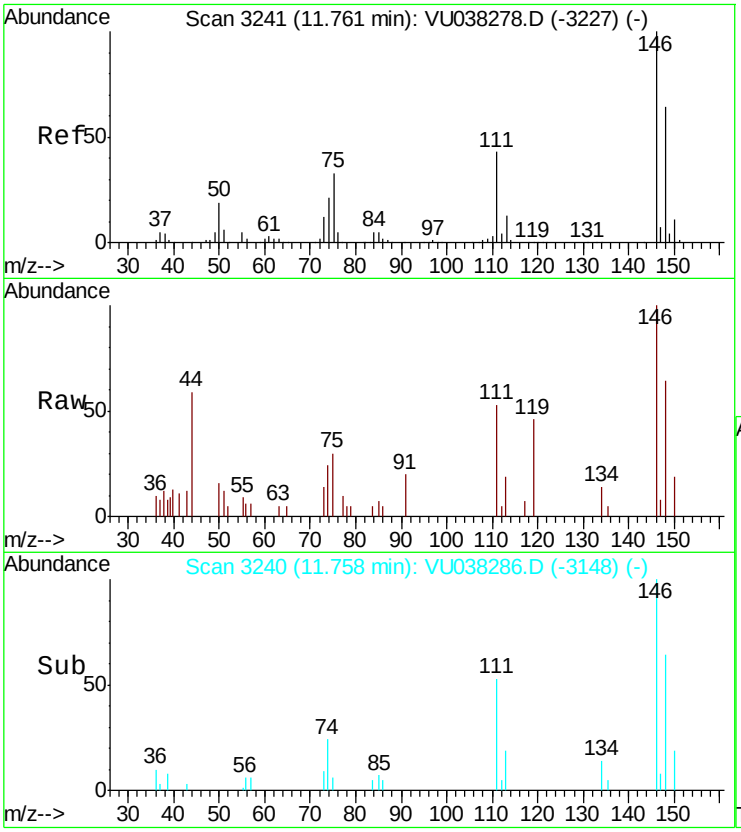


#56
Isopropylbenzene
Concen: 1.347 ug/L
RT: 10.50 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Tgt Ion:105 Resp: 141662

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.0	31.6
77	15.8	13.0	19.4



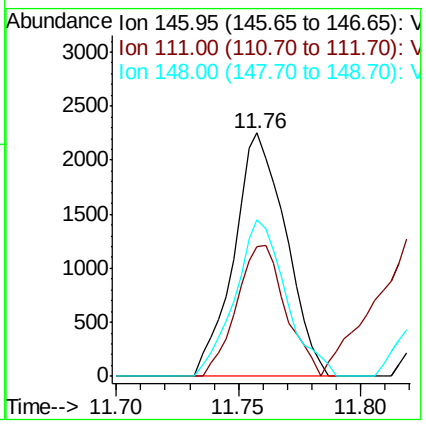


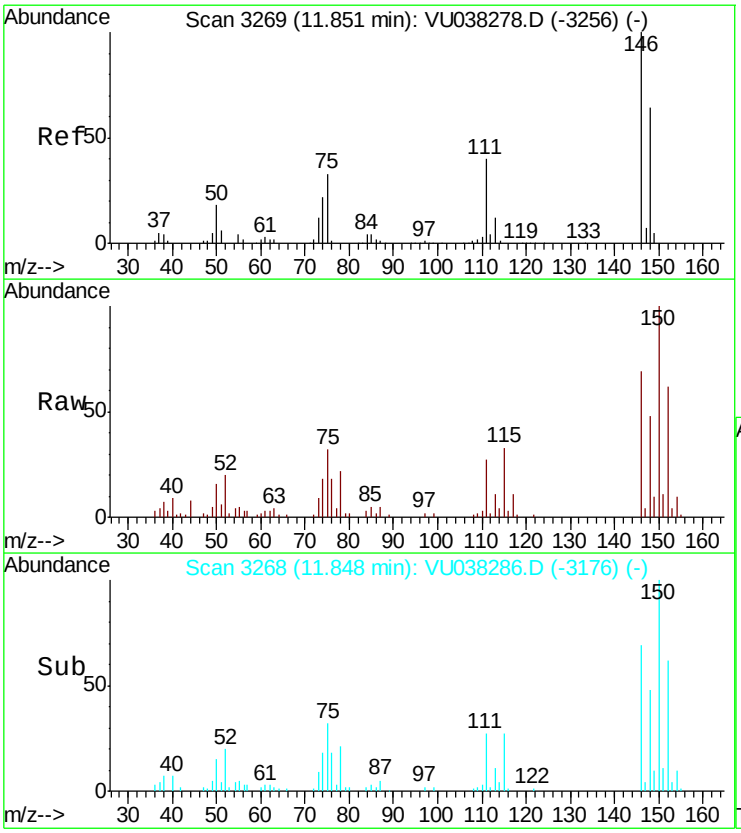
#62
1,3-Dichlorobenzene
Concen: 0.066 ug/L
RT: 11.76 min Scan# 3240
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Instrument : MSVOA_U
ClientSampleId : BE4T8DL

Tgt Ion:146 Resp: 3321

Ion	Ratio	Lower	Upper
146	100		
111	53.1	28.6	53.2
148	64.4	45.2	84.0

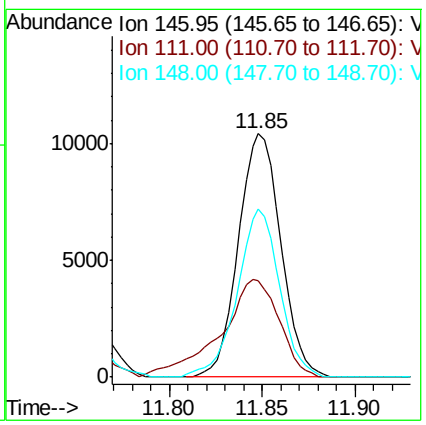


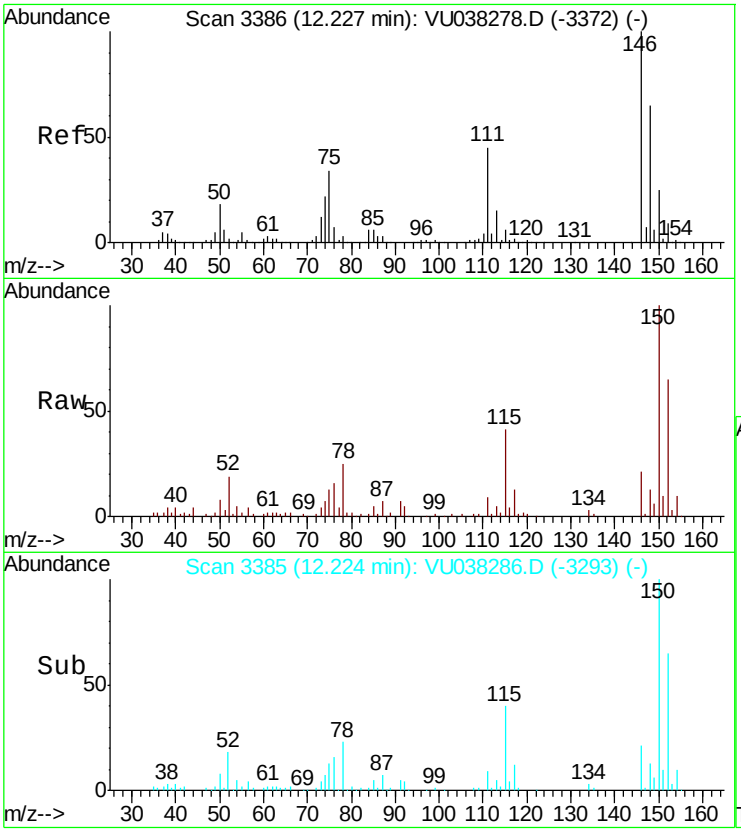


#63
1,4-Dichlorobenzene
Concen: 0.327 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Tgt Ion:146 Resp: 16549

Ion	Ratio	Lower	Upper
146	100		
111	39.4	27.2	50.6
148	69.0	43.8	81.3





#65
1,2-Dichlorobenzene
Concen: 0.210 ug/L
RT: 12.22 min Scan# 3385
Delta R.T. -0.00 min
Lab File: VU038286.D
Acq: 22 May 2020 18:39

Instrument :
MSVOA_U
ClientSampleId :
BE4T8DL

Tgt Ion:146 Resp: 10115

Ion	Ratio	Lower	Upper
146	100		
111	46.0	35.3	52.9
148	63.0	51.0	76.4