Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046144.D
Acq On : 07 Dec 2021 16:35
Operator : SY/MD
Sample : M4960-11DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 08 04:53:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	251829	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135240	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80279	38.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.400%			
7) Chloroethane-d5	1.919	69	59196	37.166	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.340%			
11) 1,1-Dichloroethene-d2	2.572	63	112053	30.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.180%			
21) 2-Butanone-d5	4.639	46	126986	77.004	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.000%			
24) Chloroform-d	5.067	84	133567	38.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 77.120%			
26) 1,2-Dichloroethane-d4	5.703	65	92600	39.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.660%			
32) Benzene-d6	5.732	84	306335	43.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	6.694	67	91053	41.623	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.240%			
41) Toluene-d8	7.899	98	283036	44.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.080%			
43) trans-1,3-Dichloroprop...	8.179	79	45361	42.956	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.920%			
47) 2-Hexanone-d5	8.636	63	94594	91.202	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.200%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136629	41.184	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 82.360%			
66) 1,2-Dichlorobenzene-d4	12.195	152	115725	44.433	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	926	0.375	ug/L #	1
13) Acetone	2.659	43	5124	2.486	ug/L	65
20) cis-1,2-Dichloroethene	4.671	96	14163	7.083	ug/L	92
33) Benzene	5.777	78	38271	5.135	ug/L	100
42) Toluene	7.970	91	77698	9.715	ug/L	99
51) Chlorobenzene	9.449	112	33439	6.463	ug/L	98
52) Ethylbenzene	9.571	91	31460	3.655	ug/L	97
53) m,p-Xylene	9.694	106	31646	9.427	ug/L	95
54) o-xylene	10.102	106	11658	3.579	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	15699	2.139	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	2955	0.702	ug/L #	90

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

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Misc : 5.0mL/MSVOA_U/WATER
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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
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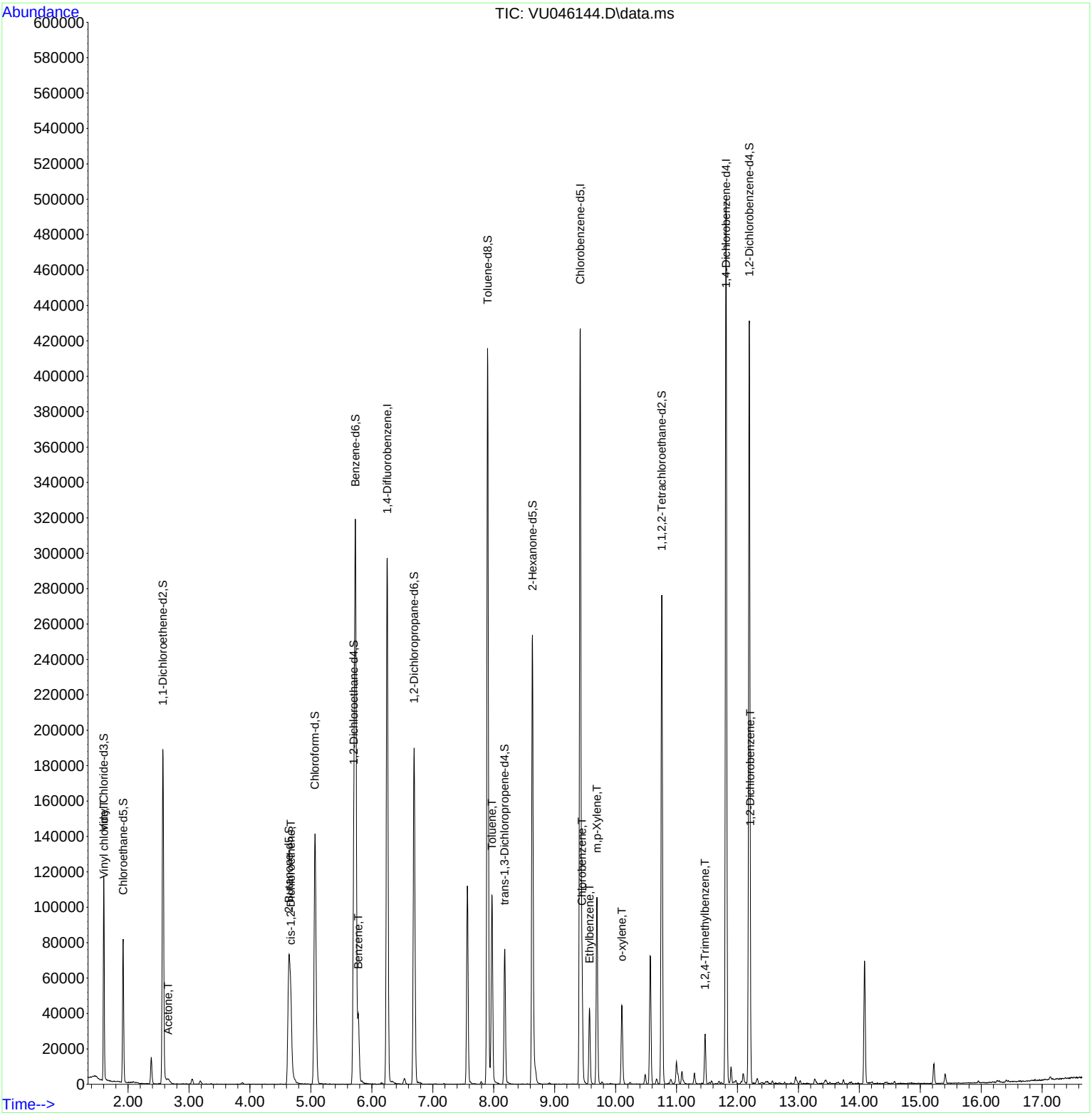
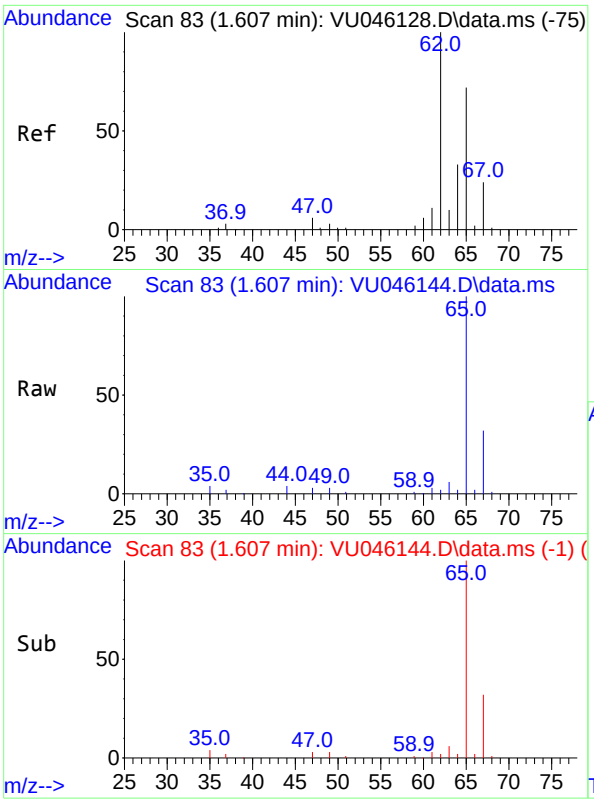
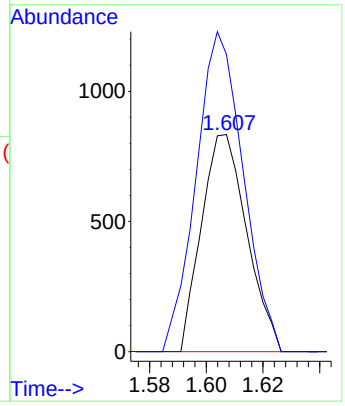


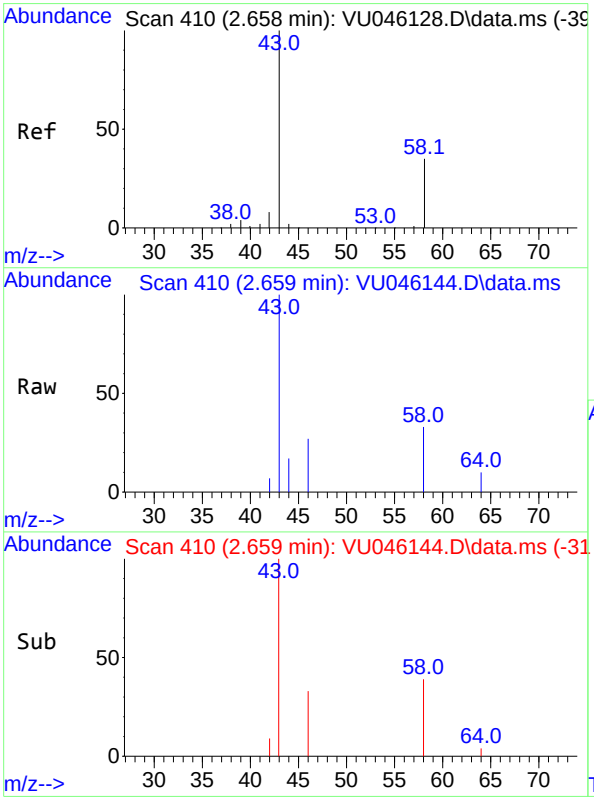


#5
Vinyl chloride
Concen: 0.375 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion: 62 Resp: 926

Ion	Ratio	Lower	Upper
62	100		
64	136.8	22.9	42.5#

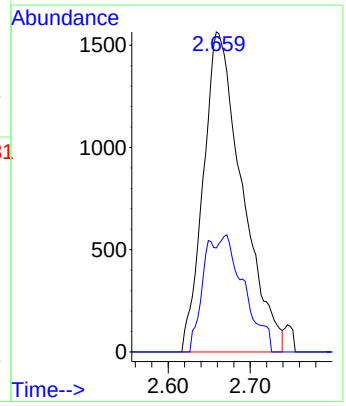


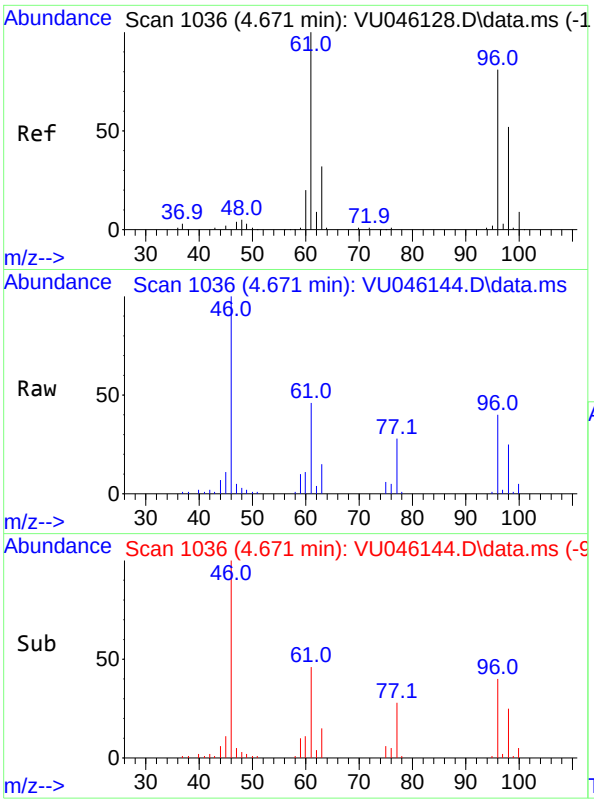


#13
Acetone
Concen: 2.486 ug/L
RT: 2.659 min Scan# 410
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion: 43 Resp: 5124

Ion	Ratio	Lower	Upper
43	100		
58	13.5	0.0	66.8

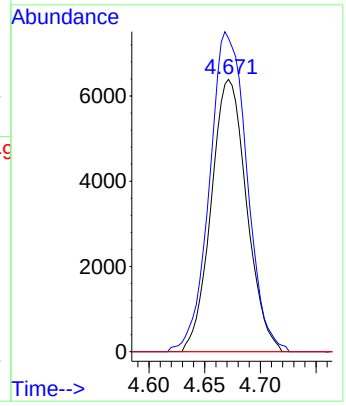


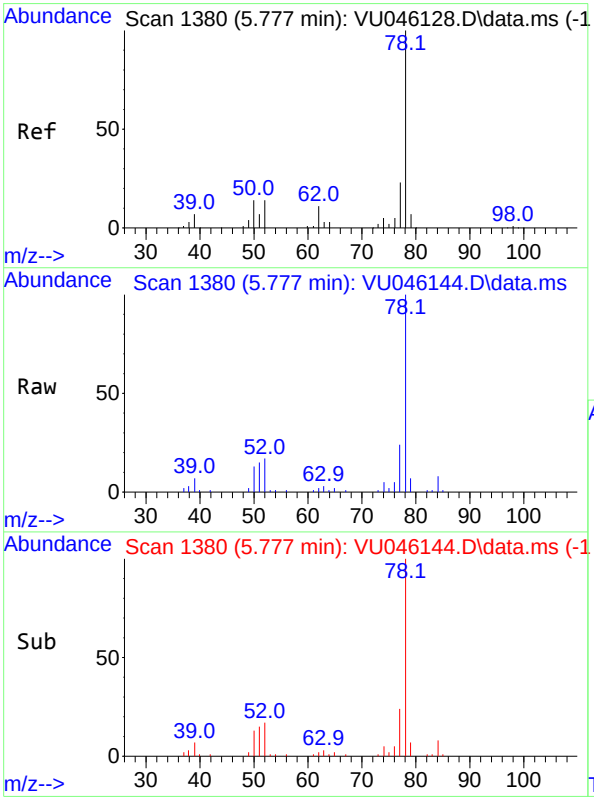


#20
cis-1,2-Dichloroethene
Concen: 7.083 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion: 96 Resp: 14163

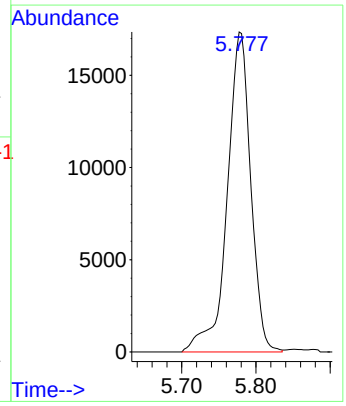
Ion	Ratio	Lower	Upper
96	100		
61	115.1	86.8	161.2
68	0.0	0.0	0.0

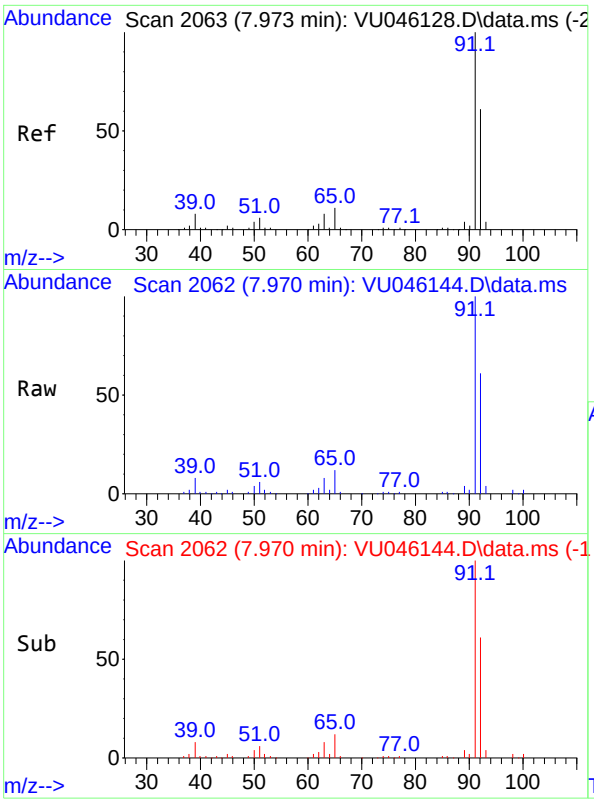




#33
Benzene
Concen: 5.135 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion: 78 Resp: 38271

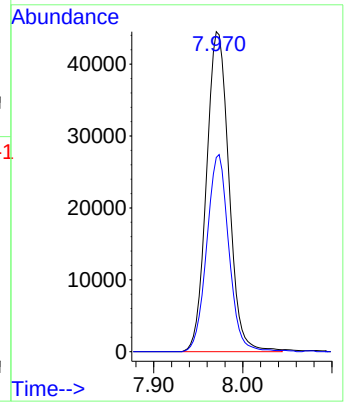


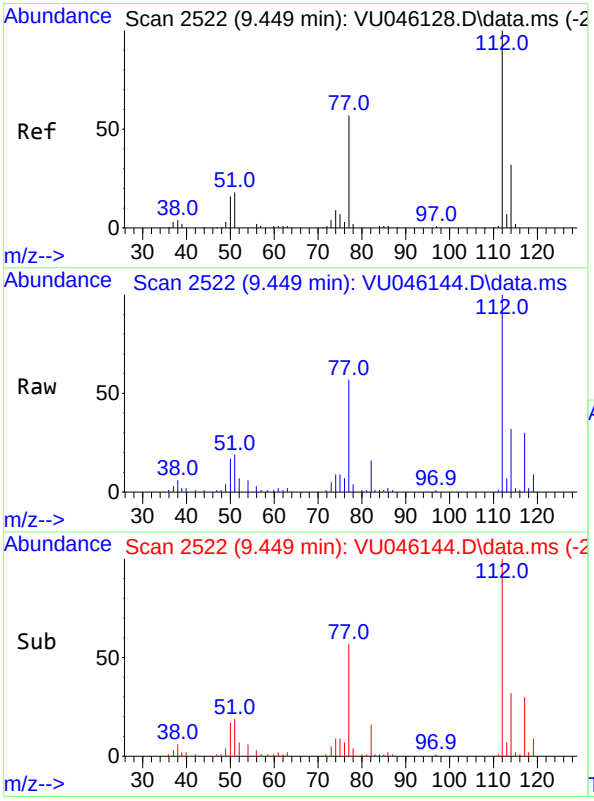


#42
Toluene
Concen: 9.715 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion: 91 Resp: 77698

Ion	Ratio	Lower	Upper
91	100		
92	60.7	41.9	77.7

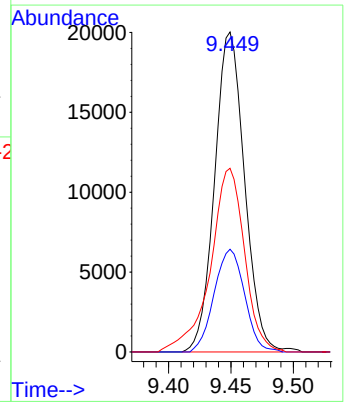


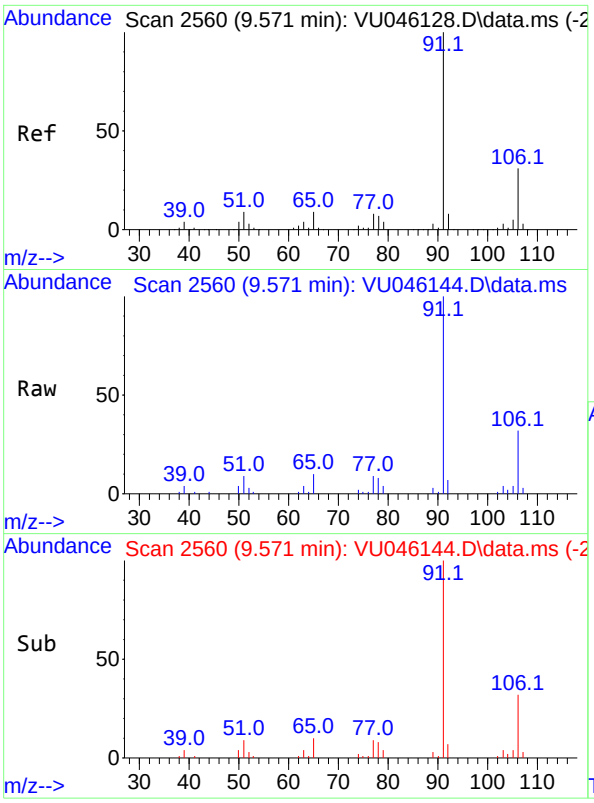


#51
Chlorobenzene
Concen: 6.463 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion:112 Resp: 33439

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.2	41.2
77	57.4	47.4	71.0

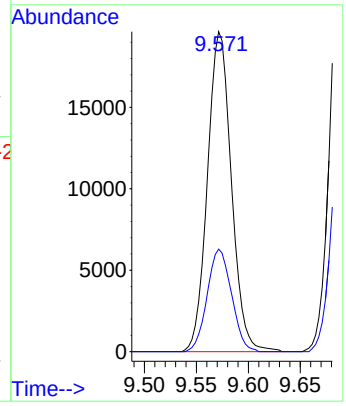


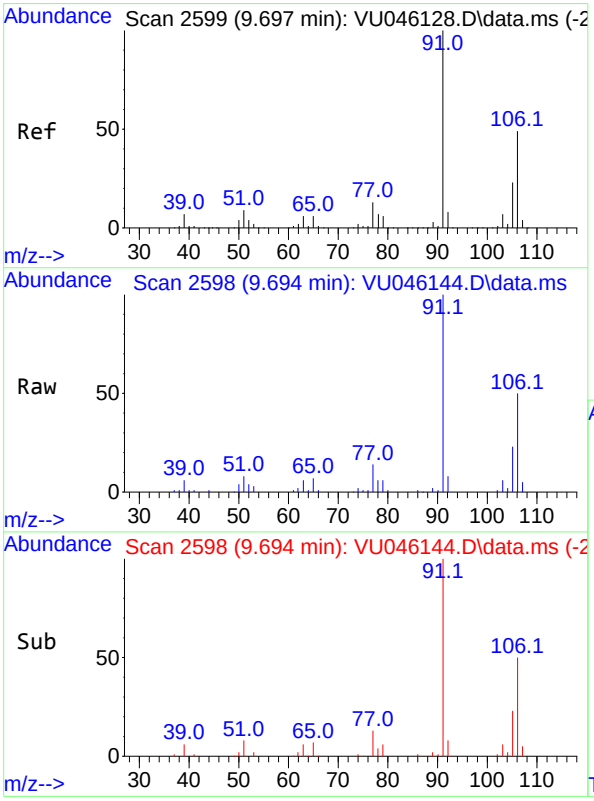


#52
Ethylbenzene
Concen: 3.655 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion: 91 Resp: 31460

Ion	Ratio	Lower	Upper
91	100		
106	32.1	21.1	39.3

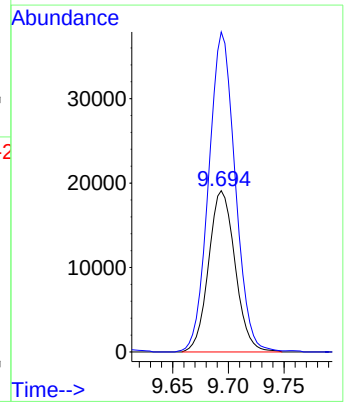


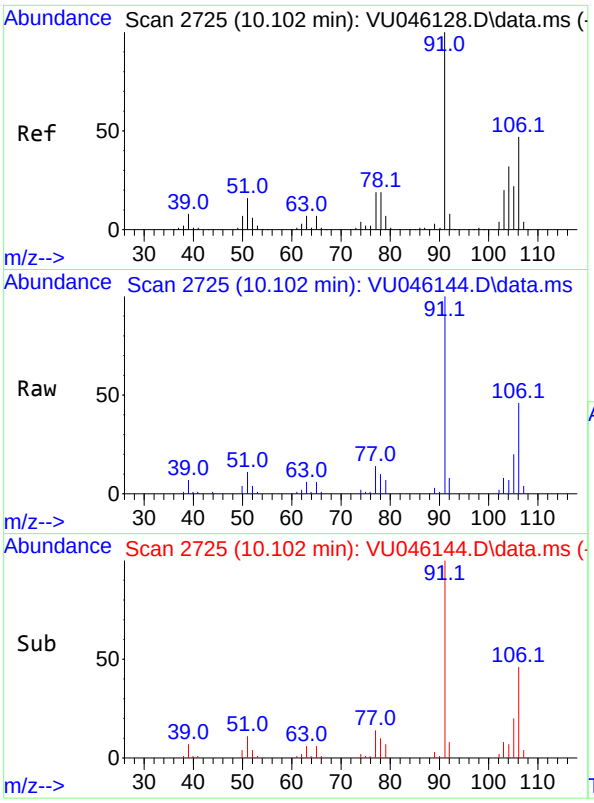


#53
m,p-Xylene
Concen: 9.427 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion:106 Resp: 31646

Ion	Ratio	Lower	Upper
106	100		
91	198.4	144.3	268.1

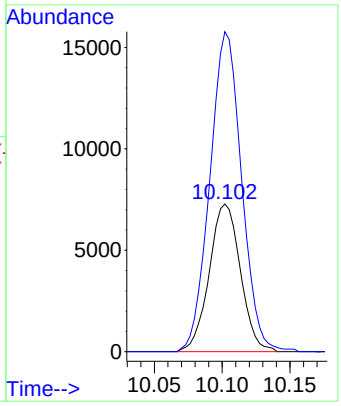


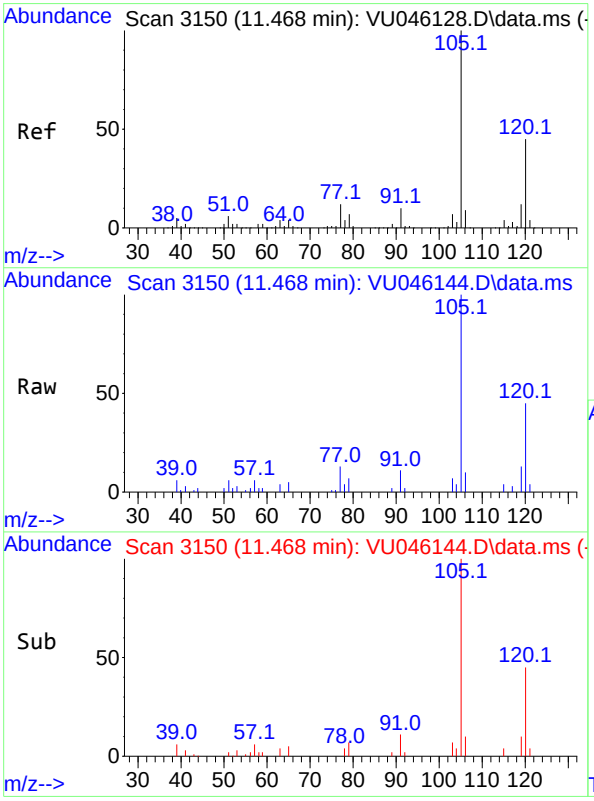


#54
o-xylene
Concen: 3.579 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion:106 Resp: 11658

Ion	Ratio	Lower	Upper
106	100		
91	216.7	154.2	286.4

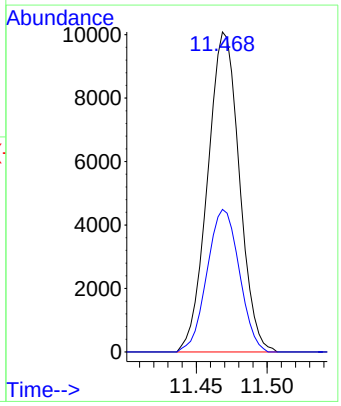


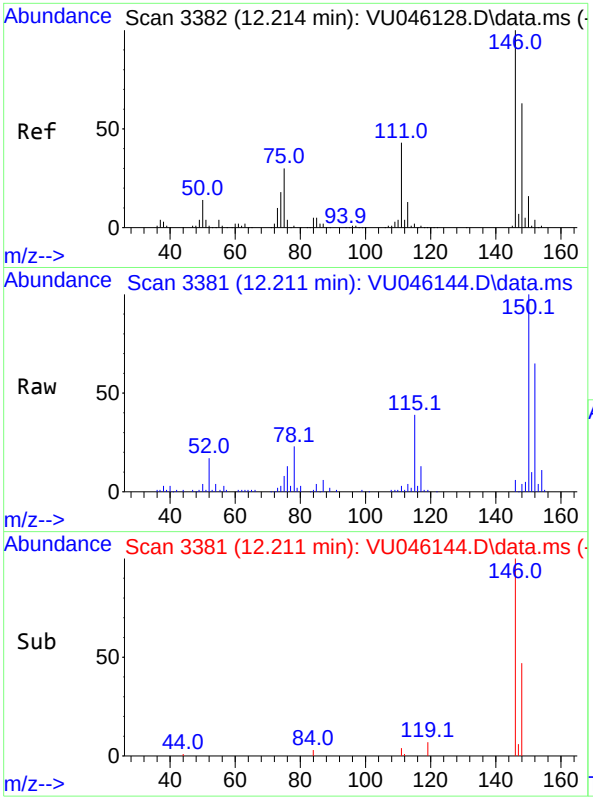


#63
1,2,4-Trimethylbenzene
Concen: 2.139 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion:105 Resp: 15699

Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.2	52.8





#67
1,2-Dichlorobenzene
Concen: 0.702 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU046144.D
Acq: 07 Dec 2021 16:35

Tgt Ion:146 Resp: 2955

Ion	Ratio	Lower	Upper
146	100		
111	53.6	35.7	53.5#
148	58.4	51.2	76.8