Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Quant Time: Jul 26 05:12:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:34:35 2024
Response via : Initial Calibration

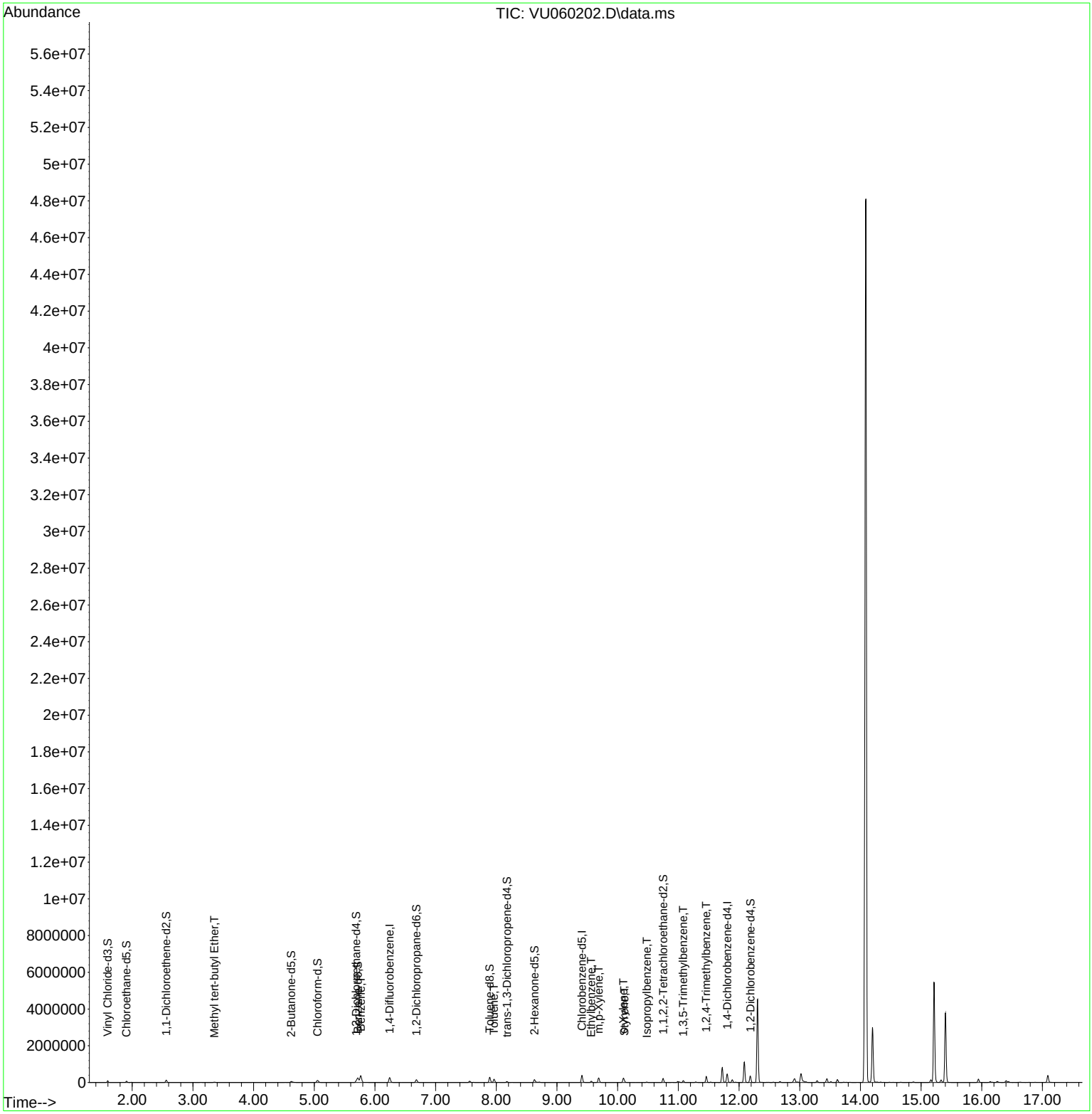
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	226146	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230024	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	125577	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	67911	46.770	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.540%			
7) Chloroethane-d5	1.905	69	55277	45.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.520%			
11) 1,1-Dichloroethene-d2	2.560	63	79205	30.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 61.400%			
21) 2-Butanone-d5	4.621	46	86156	85.380	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 85.380%			
24) Chloroform-d	5.052	84	116333	41.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.740%			
26) 1,2-Dichloroethane-d4	5.692	65	70264	42.026	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.060%			
32) Benzene-d6	5.718	84	232952	39.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 79.100%			
36) 1,2-Dichloropropane-d6	6.682	67	79970	43.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.740%			
41) Toluene-d8	7.891	98	196400	35.062	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 70.120%#			
43) trans-1,3-Dichloroprop...	8.174	79	31350	36.750	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.500%			
47) 2-Hexanone-d5	8.628	63	54152	70.483	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 70.480%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	117601	42.029	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.060%			
66) 1,2-Dichlorobenzene-d4	12.187	152	87983	38.128	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 76.260%#			
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.355	73	21382	4.769	ug/L #	75
33) Benzene	5.766	78	370705	59.680	ug/L	100
42) Toluene	7.962	91	139568	20.582	ug/L	98
52) Ethylbenzene	9.563	91	49676	6.860	ug/L	98
53) m,p-Xylene	9.689	106	73908	26.213	ug/L	100
54) o-Xylene	10.094	106	58421	21.547	ug/L	94
55) Styrene	10.110	104	35742	7.814	ug/L	89
61) Isopropylbenzene	10.480	105	16696	2.281	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	54769	10.220	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	175628	30.597	ug/L	97

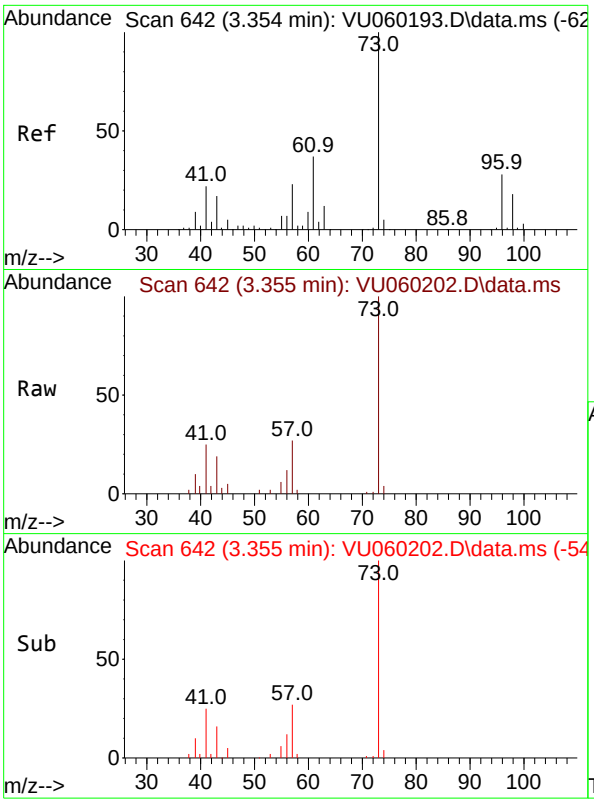
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
Data File : VU060202.D
Acq On : 26 Jul 2024 03:48
Operator : MD/SY
Sample : P3347-03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Quant Time: Jul 26 05:12:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 26 04:34:35 2024
Response via : Initial Calibration



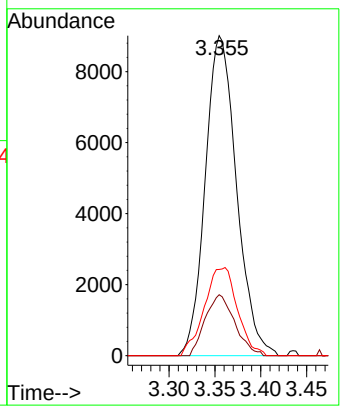


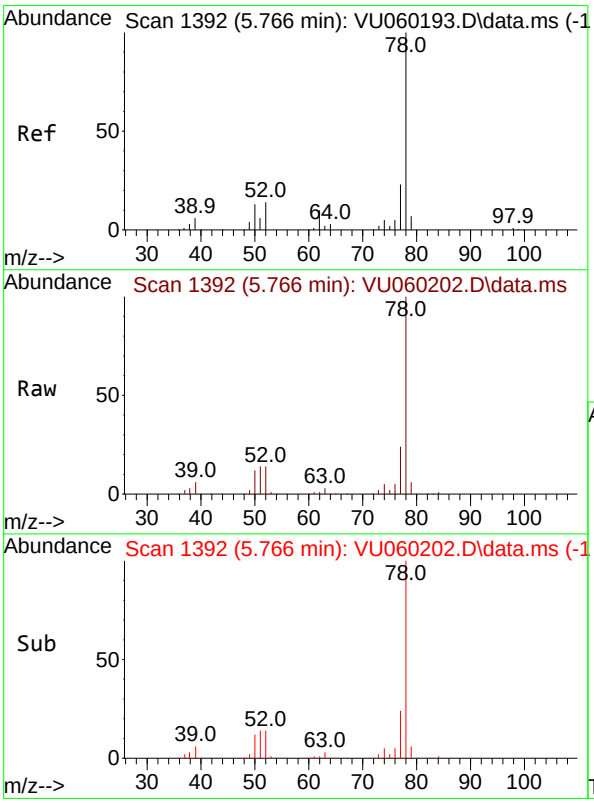
#18
Methyl tert-butyl Ether
Concen: 4.769 ug/L
RT: 3.355 min Scan# 64
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Tgt Ion: 73 Resp: 21382

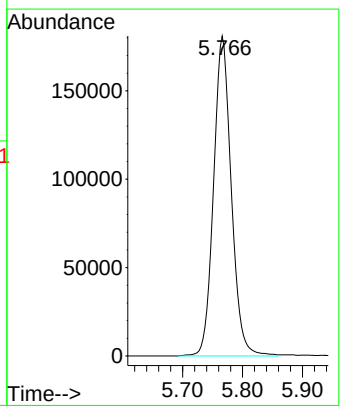
Ion	Ratio	Lower	Upper
73	100		
43	17.9	14.1	21.1
57	0.0	17.1	25.7#

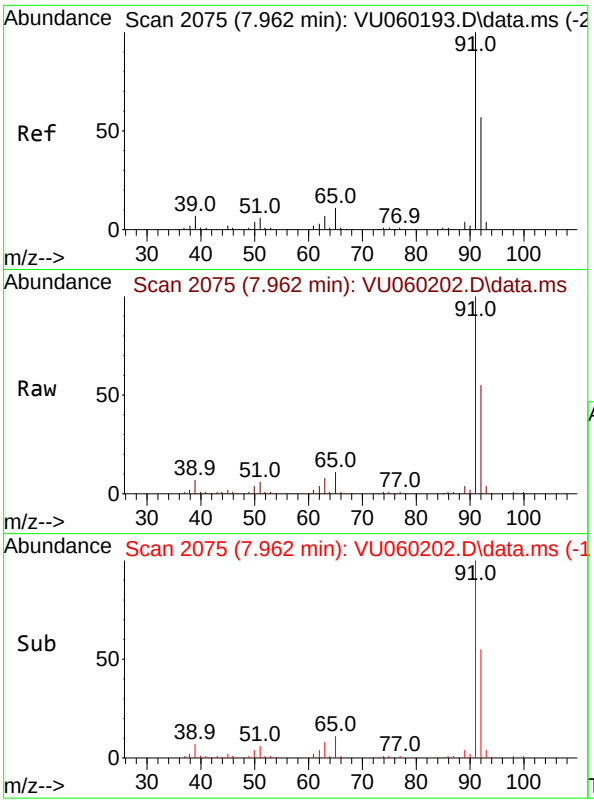




#33
Benzene
Concen: 59.680 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion: 78 Resp: 370705



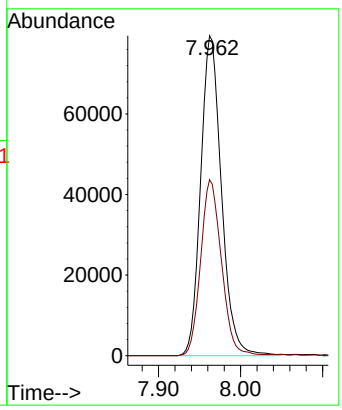


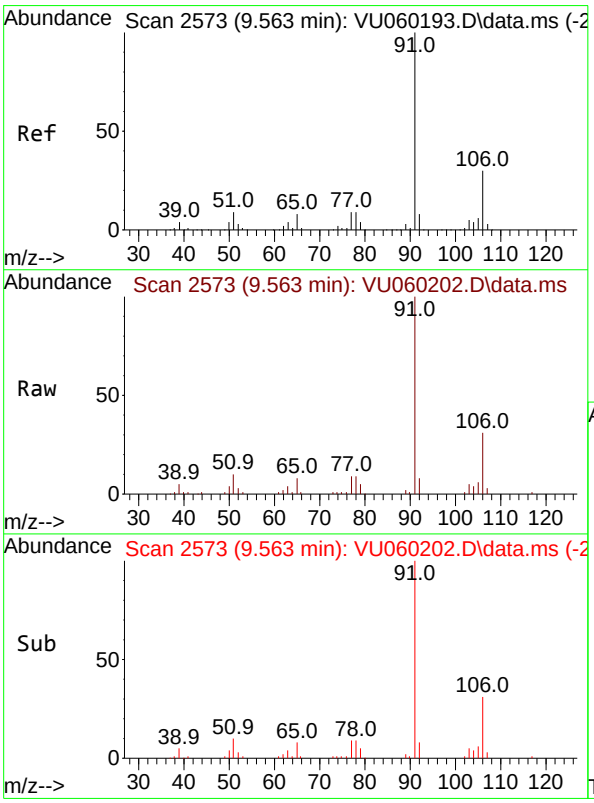
#42
Toluene
Concen: 20.582 ug/L
RT: 7.962 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Tgt Ion: 91 Resp: 139568

Ion	Ratio	Lower	Upper
91	100		
92	55.0	39.3	72.9

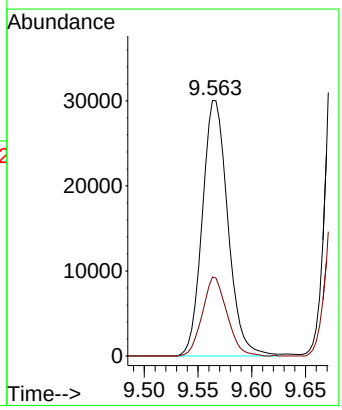


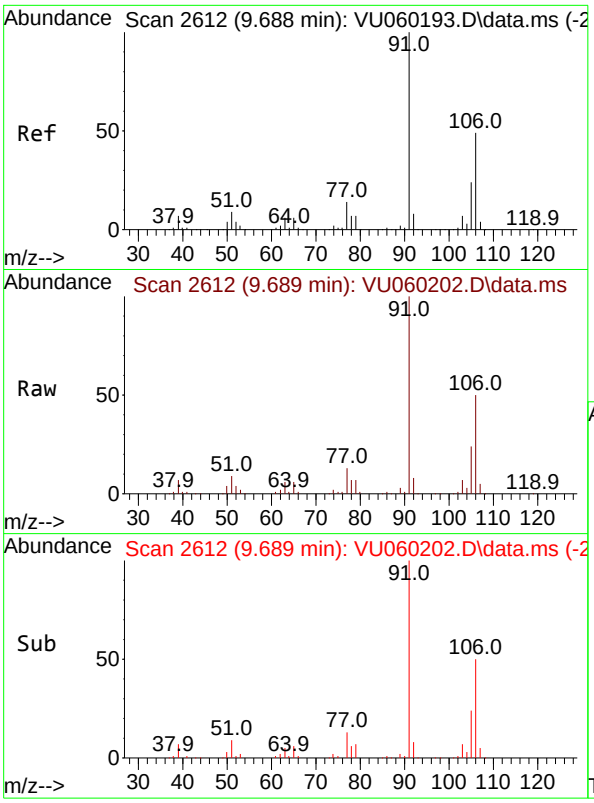


#52
Ethylbenzene
Concen: 6.860 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion: 91 Resp: 49676

Ion	Ratio	Lower	Upper
91	100		
106	30.9	22.4	41.6



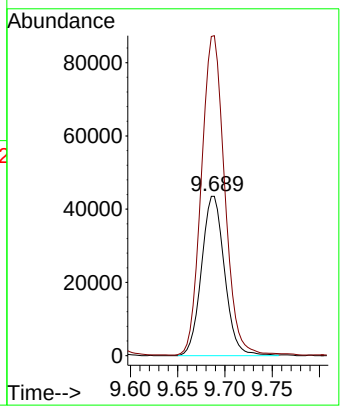


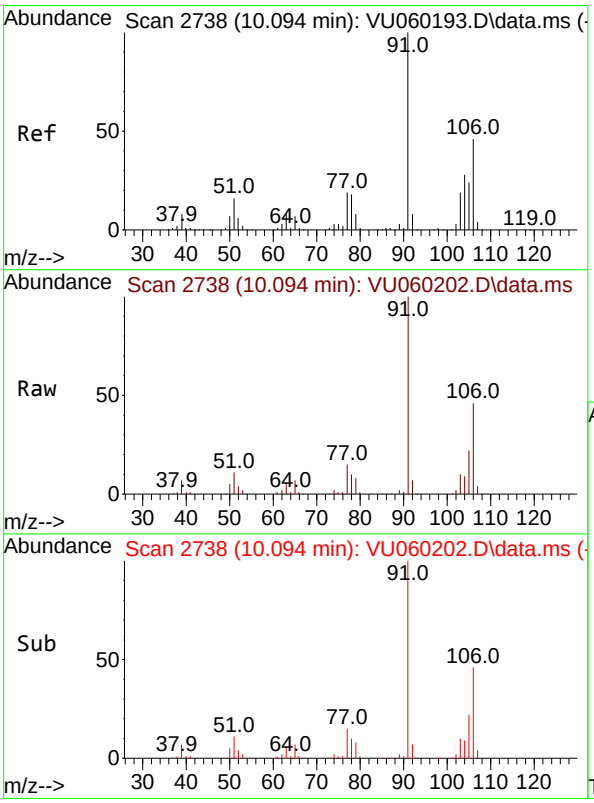
#53
m,p-Xylene
Concen: 26.213 ug/L
RT: 9.689 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Tgt Ion:106 Resp: 73908

Ion	Ratio	Lower	Upper
106	100		
91	200.7	140.9	261.7

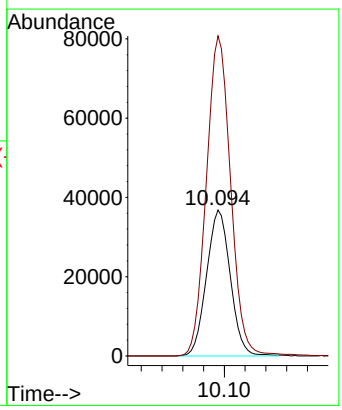


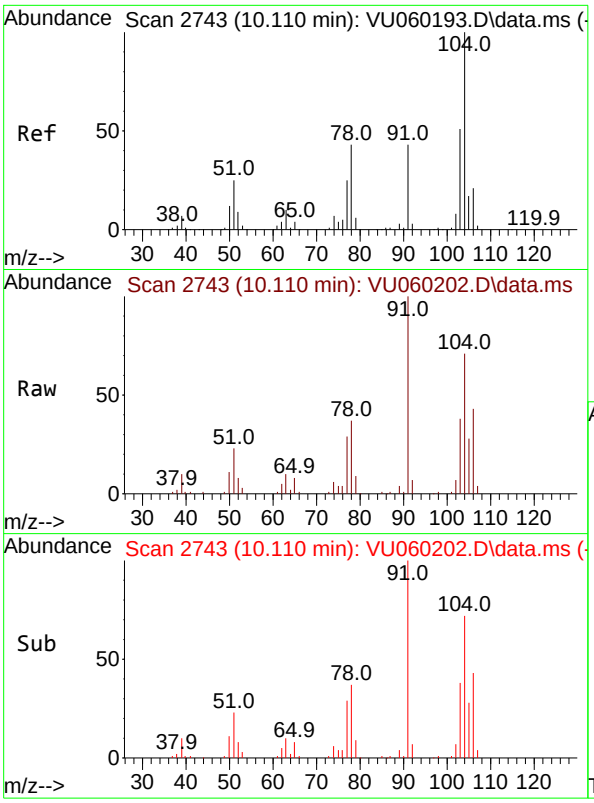


#54
o-Xylene
Concen: 21.547 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion:106 Resp: 58421

Ion	Ratio	Lower	Upper
106	100		
91	219.2	147.4	273.8



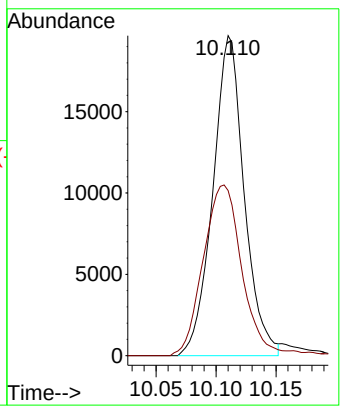


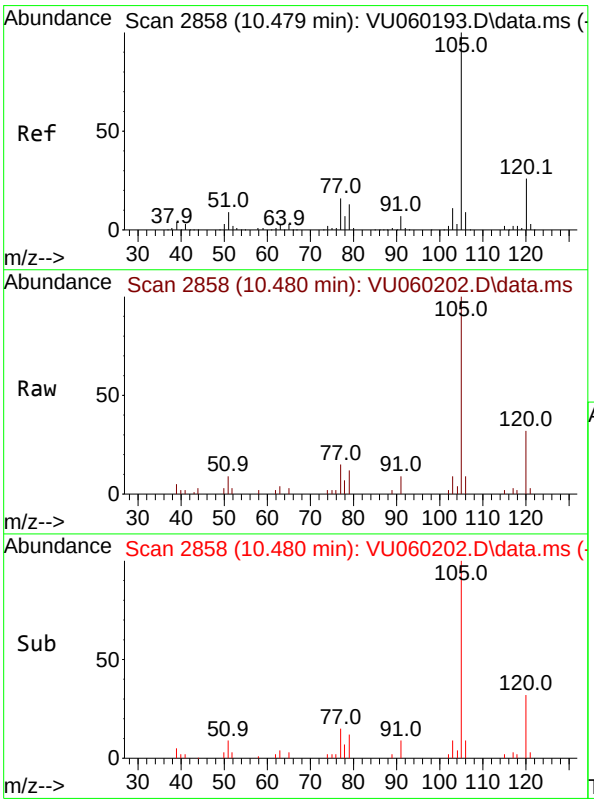
#55
Styrene
Concen: 7.814 ug/L
RT: 10.110 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Tgt Ion:104 Resp: 35742

Ion	Ratio	Lower	Upper
104	100		
78	51.6	30.9	57.5

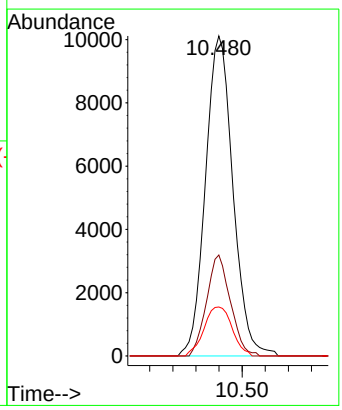


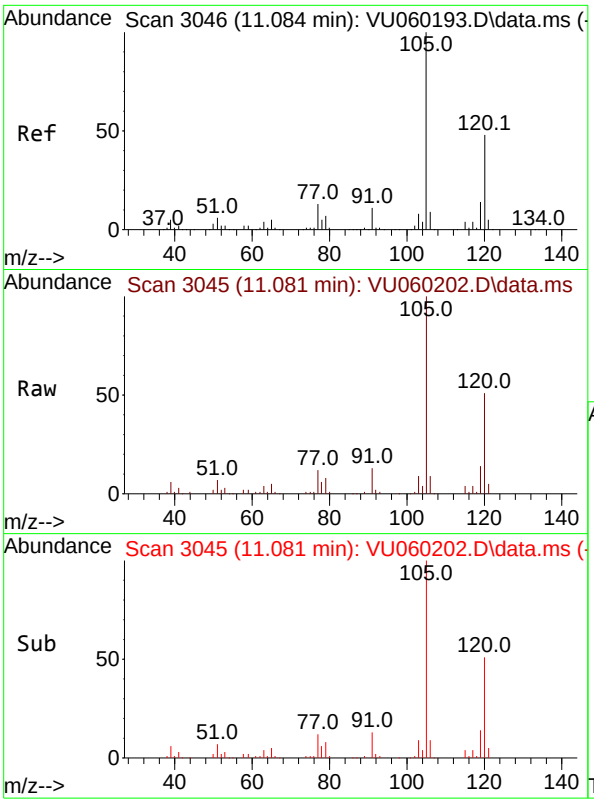


#61
Isopropylbenzene
Concen: 2.281 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion:105 Resp: 16696

Ion	Ratio	Lower	Upper
105	100		
120	27.2	20.9	31.3
77	15.7	12.1	18.1



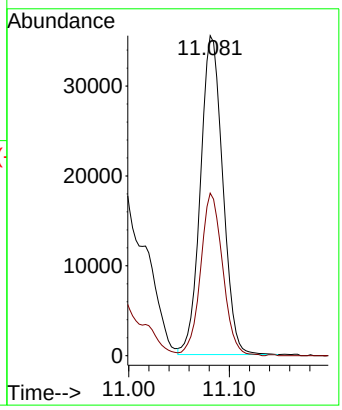


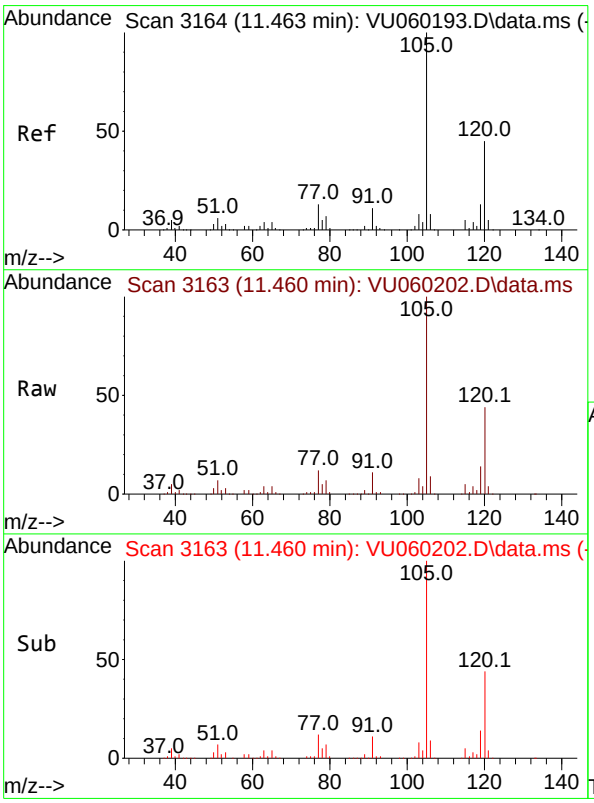
#62
1,3,5-Trimethylbenzene
Concen: 10.220 ug/L
RT: 11.081 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Instrument :
MSVOA_U
ClientSampleId :
C0AW5

Tgt Ion:105 Resp: 54769

Ion	Ratio	Lower	Upper
105	100		
120	50.5	39.5	59.3





#63
1,2,4-Trimethylbenzene
Concen: 30.597 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060202.D
Acq: 26 Jul 2024 03:48

Tgt Ion:105 Resp: 175628

Ion	Ratio	Lower	Upper
105	100		
120	44.6	37.0	55.6