Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040124\
Data File : VU058310.D
Acq On : 01 Apr 2024 13:55
Operator : MD/SY
Sample : P1912-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Quant Time: Apr 02 02:27:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 02 02:24:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25758	4.090	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.800%			
7) Chloroethane-d5	1.907	69	24723	4.809	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.200%			
11) 1,1-Dichloroethene-d2	2.560	65	11396	4.358	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.200%			
20) 2-Butanone-d5	4.621	46	56975	50.917	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.840%			
24) Chloroform-d	5.052	84	50269	4.464	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.692	65	24855	4.721	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
32) Benzene-d6	5.718	84	105597	4.586	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.682	67	32216	4.748	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.891	98	94478	4.632	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	8.174	79	8945	4.114	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.200%			
46) 2-Hexanone-d5	8.627	63	44556	50.602	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.200%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21131	4.780	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	31878	4.964	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
30) Cyclohexane	5.380	56	6170	0.964	ug/L	92
35) Methylcyclohexane	6.756	83	65611	9.699	ug/L #	81
52) Ethylbenzene	9.563	91	58258	2.652	ug/L	99
53) m,p-Xylene	9.692	106	3865	0.494	ug/L	94
60) Isopropylbenzene	10.476	105	101781	4.913	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	3205	0.184	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	21573	1.249	ug/L	99

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

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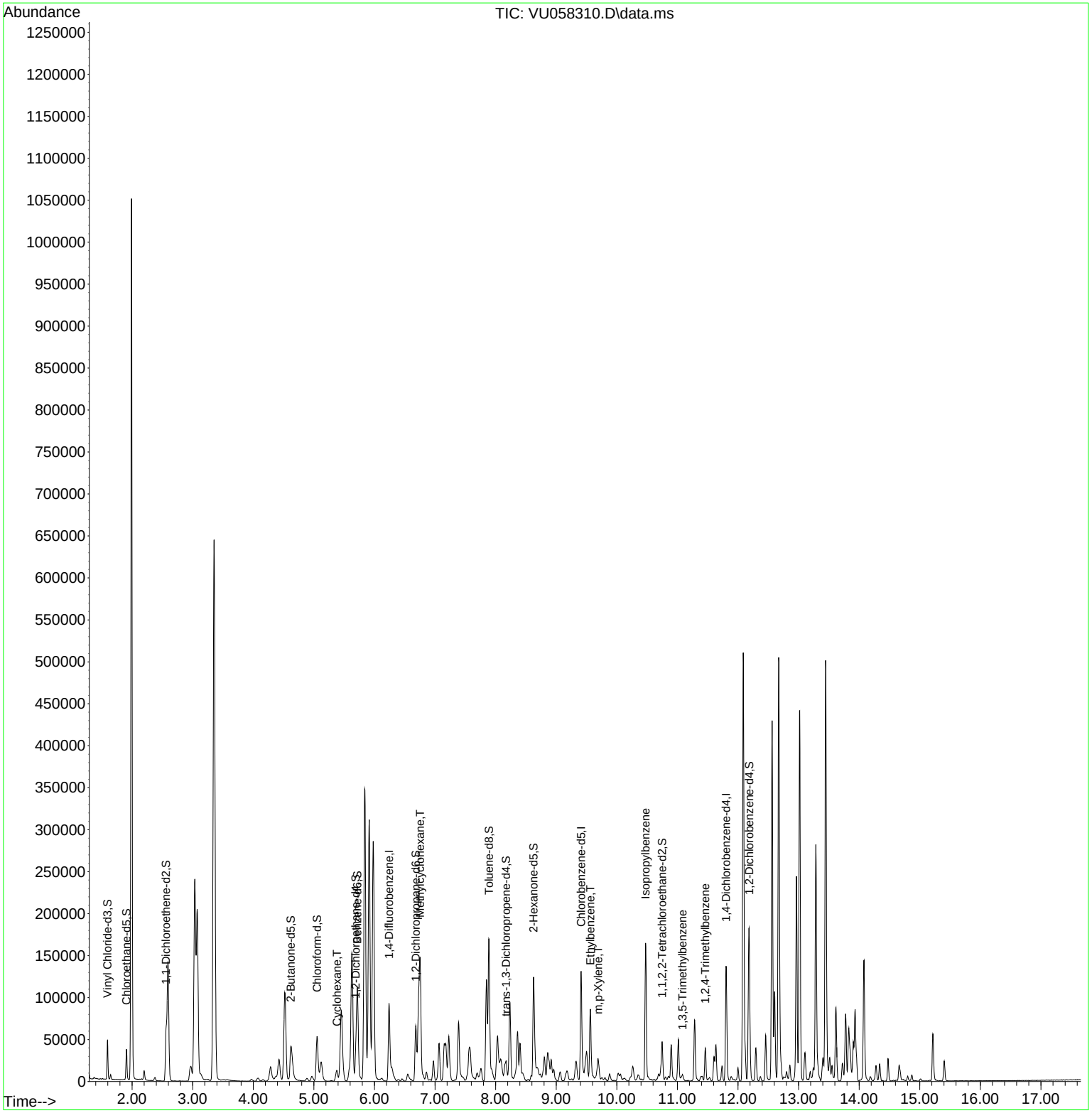
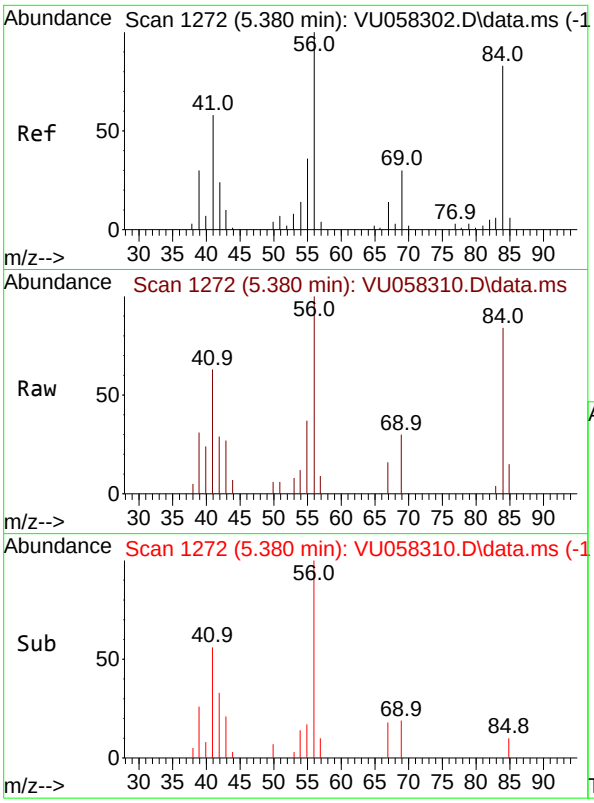


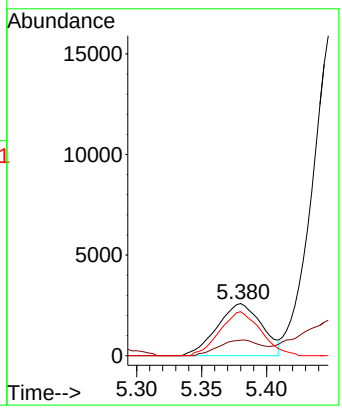


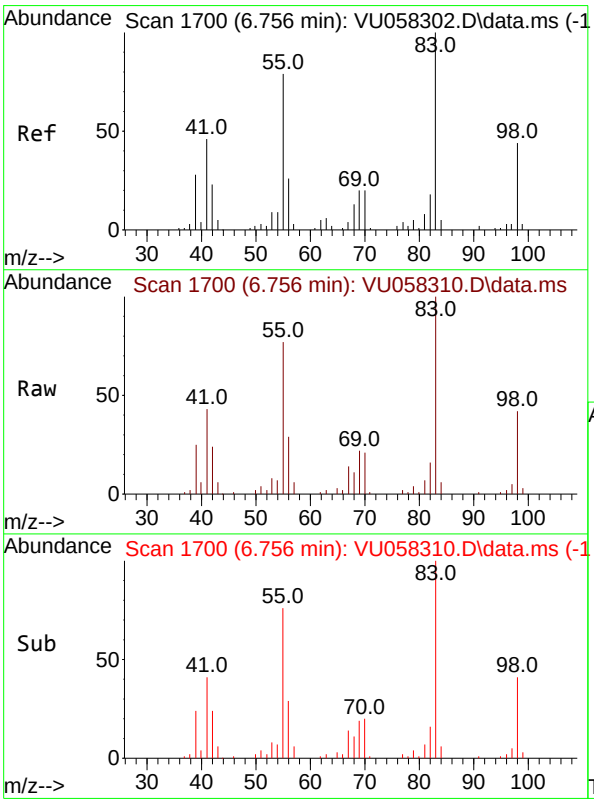
#30
Cyclohexane
Concen: 0.964 ug/L
RT: 5.380 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion: 56 Resp: 6170

Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.2	36.2
84	78.1	69.7	104.5

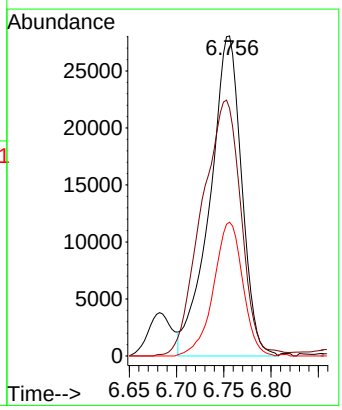


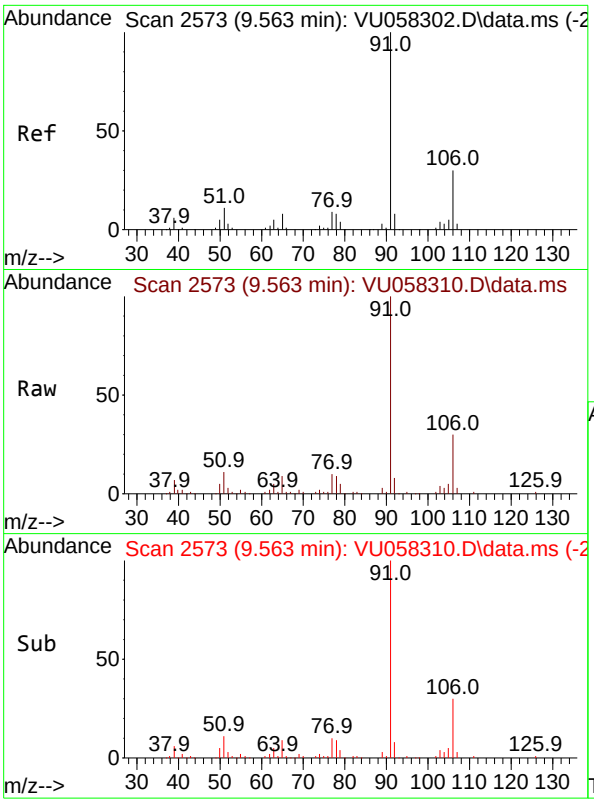


#35
Methylcyclohexane
Concen: 9.699 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Tgt Ion: 83 Resp: 65611

Ion	Ratio	Lower	Upper
83	100		
55	98.9	62.7	94.1#
98	38.5	37.3	55.9



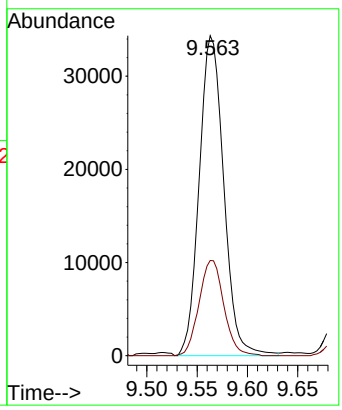


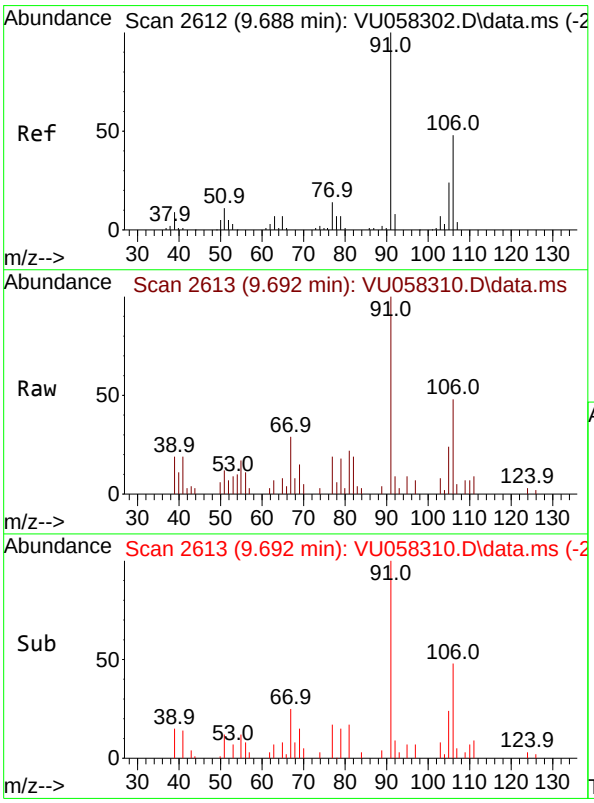
#52
Ethylbenzene
Concen: 2.652 ug/L
RT: 9.563 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion: 91 Resp: 58258

Ion	Ratio	Lower	Upper
91	100		
106	29.7	20.6	38.2

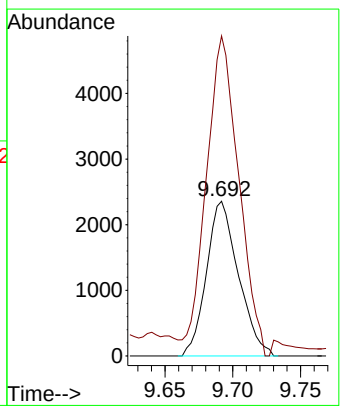


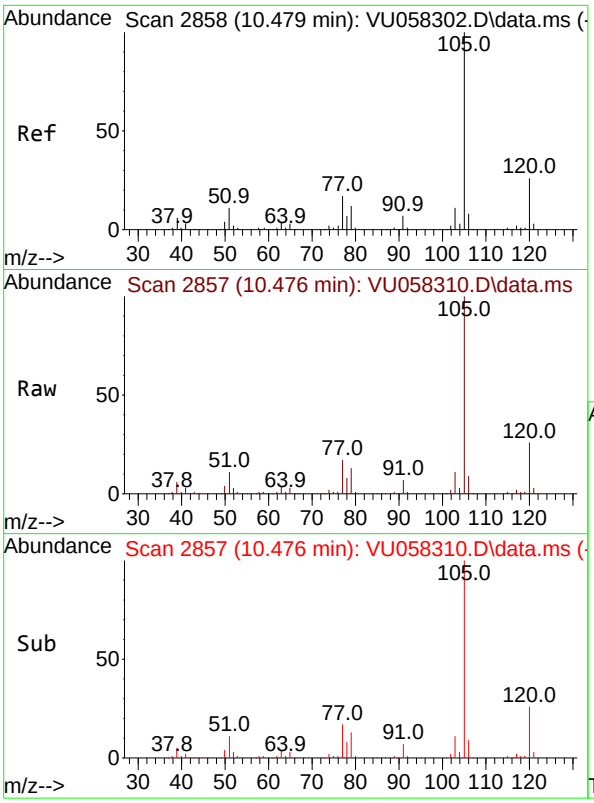


#53
m,p-Xylene
Concen: 0.494 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Tgt Ion:106 Resp: 3865

Ion	Ratio	Lower	Upper
106	100		
91	206.8	151.0	280.4



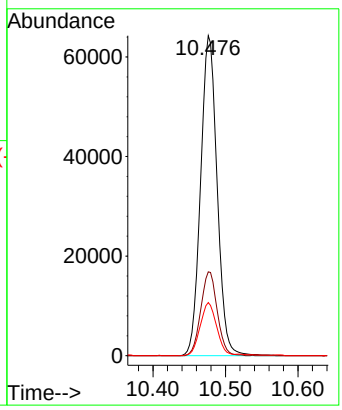


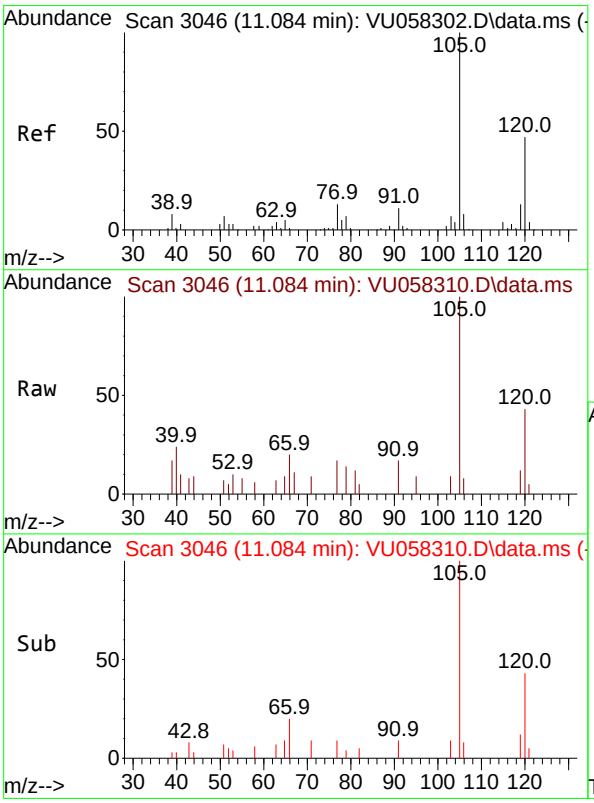
#60
Isopropylbenzene
Concen: 4.913 ug/L
RT: 10.476 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion:105 Resp: 101781

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.5	30.7
77	16.5	13.2	19.8

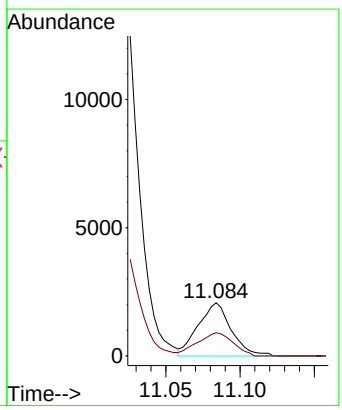


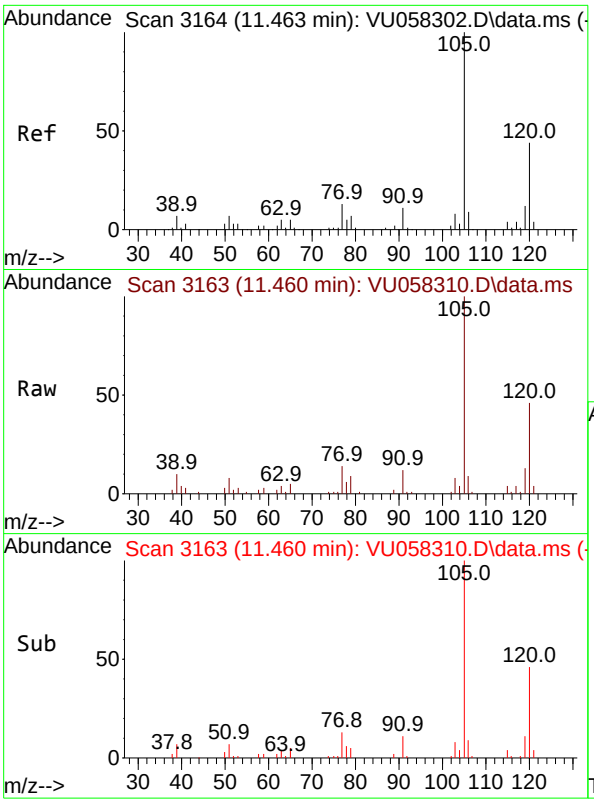


#62
1,3,5-Trimethylbenzene
Concen: 0.184 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Tgt Ion:105 Resp: 3205

Ion	Ratio	Lower	Upper
105	100		
120	47.0	36.7	55.1





#63
1,2,4-Trimethylbenzene
Concen: 1.249 ug/L
RT: 11.460 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU058310.D
Acq: 01 Apr 2024 13:55

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion:105 Resp: 21573

Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.9	53.9