Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
Data File : VU058341.D
Acq On : 02 Apr 2024 16:57
Operator : MD/SY
Sample : P1912-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Quant Time: Apr 03 02:04:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 01:56:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76366	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21540	3.338	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.800%			
7) Chloroethane-d5	1.907	69	21419	4.066	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.400%			
11) 1,1-Dichloroethene-d2	2.563	65	9827	3.668	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	4.618	46	50778	44.290	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.580%			
24) Chloroform-d	5.055	84	47136	4.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.800%			
26) 1,2-Dichloroethane-d4	5.695	65	22448	4.162	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
32) Benzene-d6	5.721	84	97272	4.115	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
36) 1,2-Dichloropropane-d6	6.685	67	29726	4.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.400%			
41) Toluene-d8	7.891	98	89013	4.251	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.174	79	8706	3.900	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.000%			
46) 2-Hexanone-d5	8.627	63	39592	43.800	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.600%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19675	4.335	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	30032	4.494	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.800%			
Target Compounds						Qvalue
30) Cyclohexane	5.373	56	6199	0.943	ug/L	95
35) Methylcyclohexane	6.756	83	66702	9.605	ug/L #	79
52) Ethylbenzene	9.566	91	57299	2.541	ug/L	98
53) m,p-Xylene	9.692	106	3761	0.468	ug/L	99
60) Isopropylbenzene	10.479	105	99074	4.596	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	2981	0.165	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	21643	1.204	ug/L	96

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

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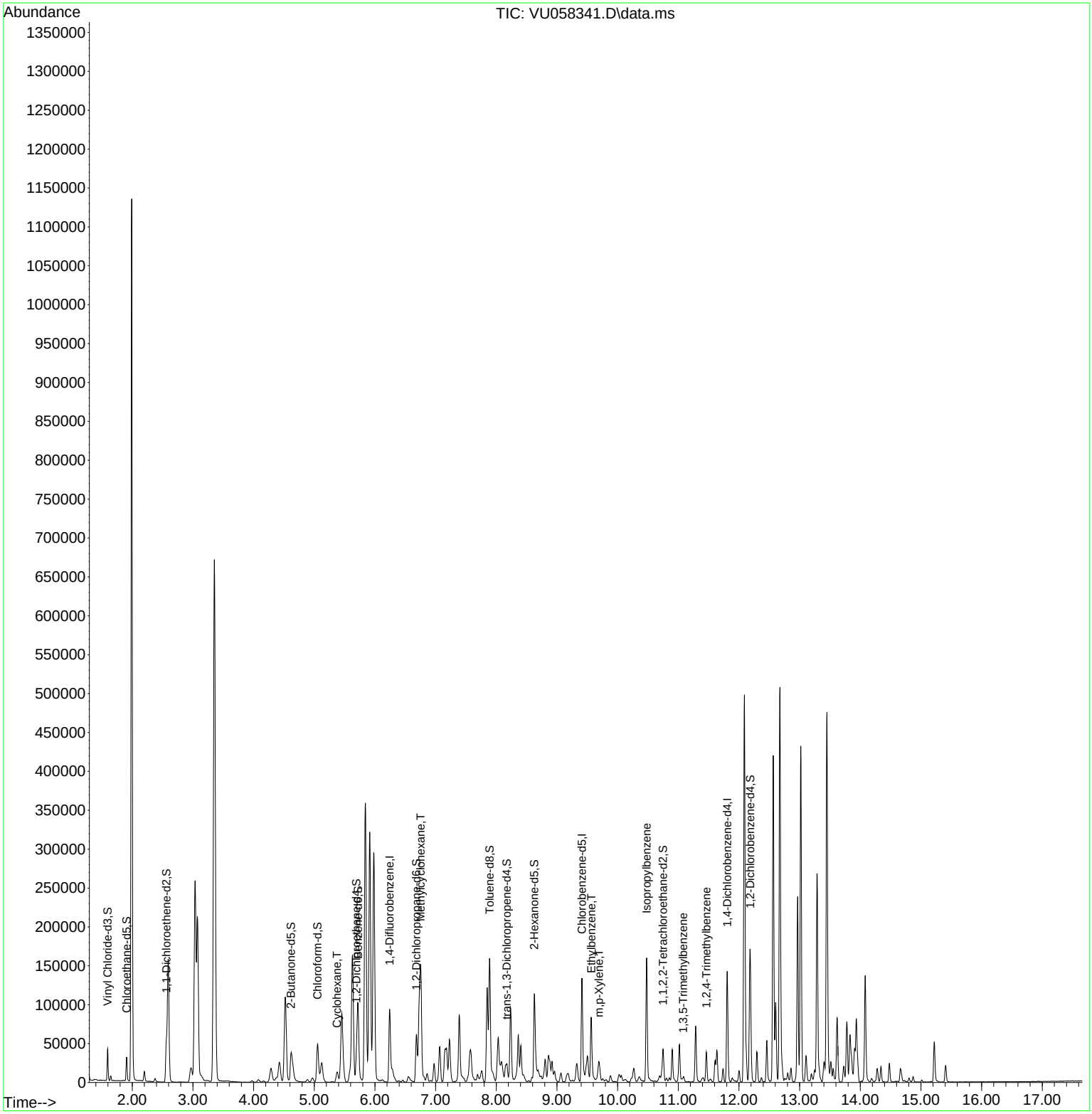
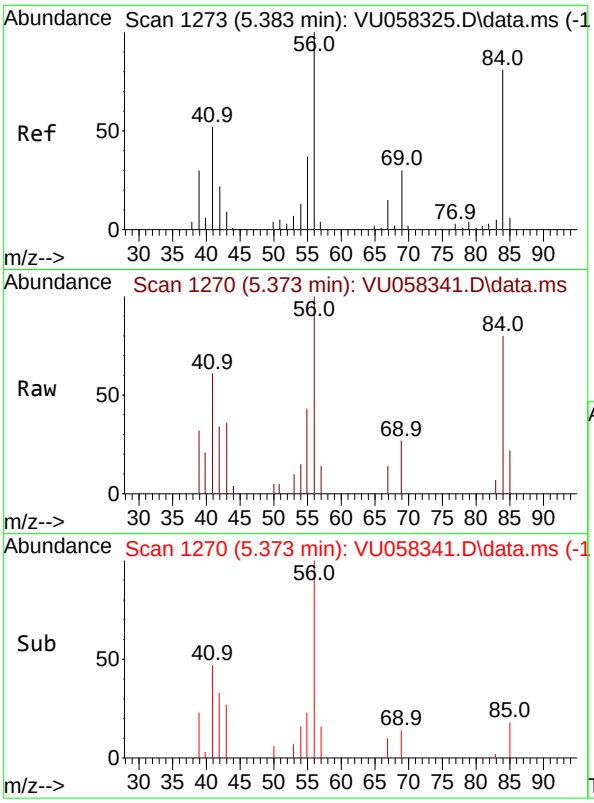


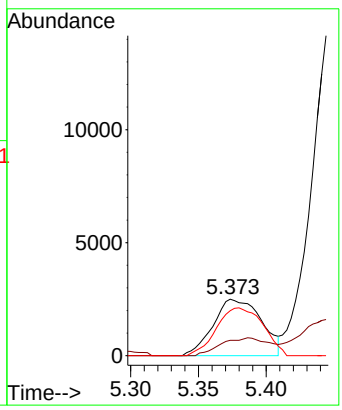


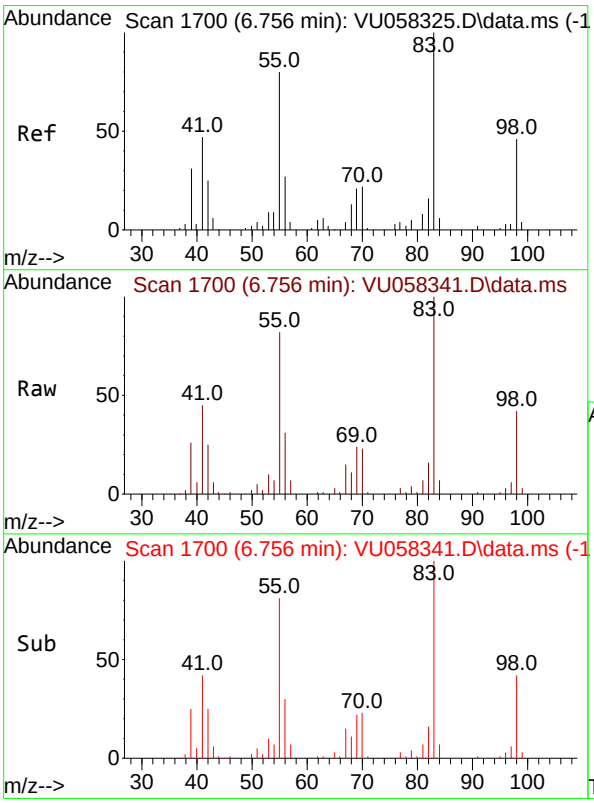
#30
Cyclohexane
Concen: 0.943 ug/L
RT: 5.373 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion: 56 Resp: 6199

Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.2	36.2
84	81.7	69.7	104.5

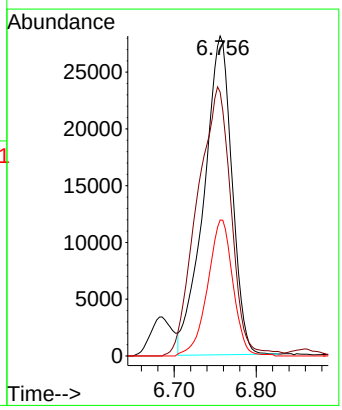


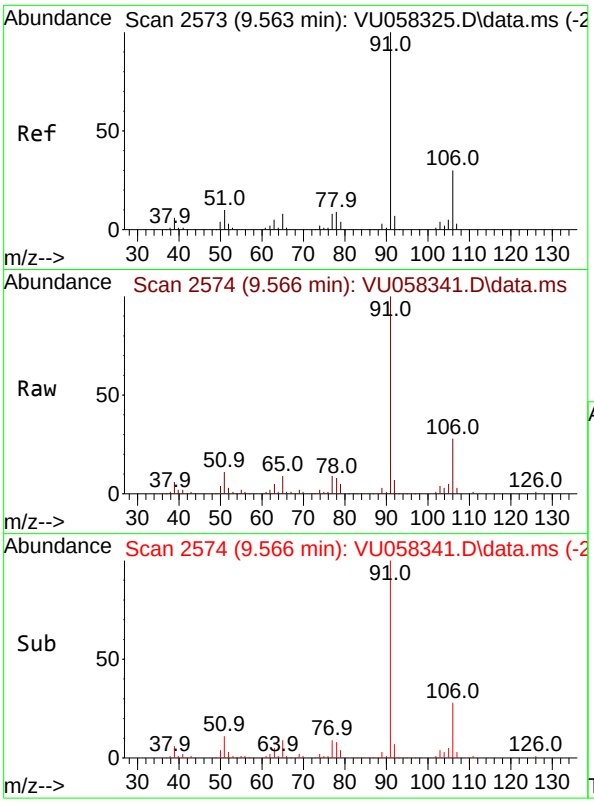


#35
Methylcyclohexane
Concen: 9.605 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Tgt Ion: 83 Resp: 66702

Ion	Ratio	Lower	Upper
83	100		
55	101.5	62.7	94.1#
98	38.5	37.3	55.9



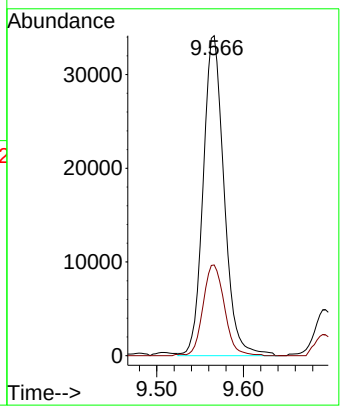


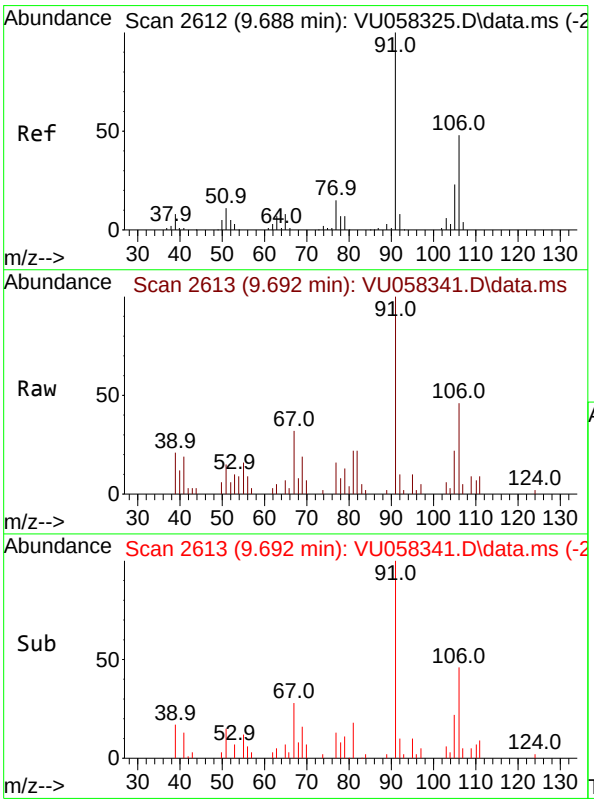
#52
Ethylbenzene
Concen: 2.541 ug/L
RT: 9.566 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion: 91 Resp: 57299

Ion	Ratio	Lower	Upper
91	100		
106	28.3	20.6	38.2

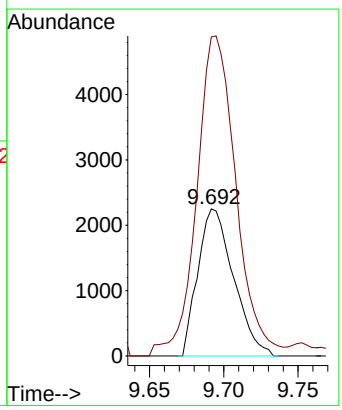


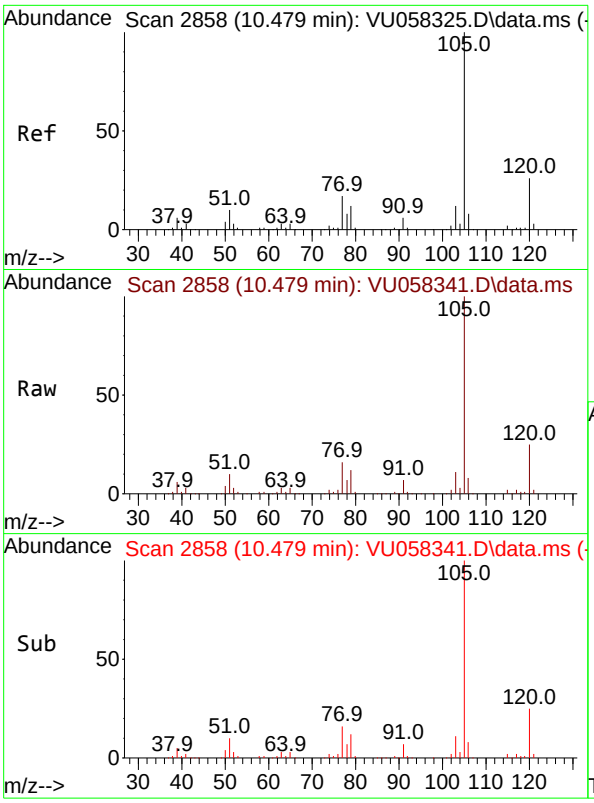


#53
m,p-Xylene
Concen: 0.468 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Tgt Ion:106 Resp: 3761

Ion	Ratio	Lower	Upper
106	100		
91	216.9	151.0	280.4



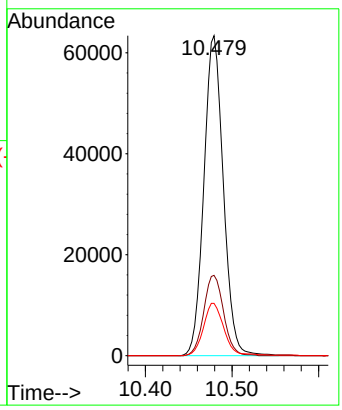


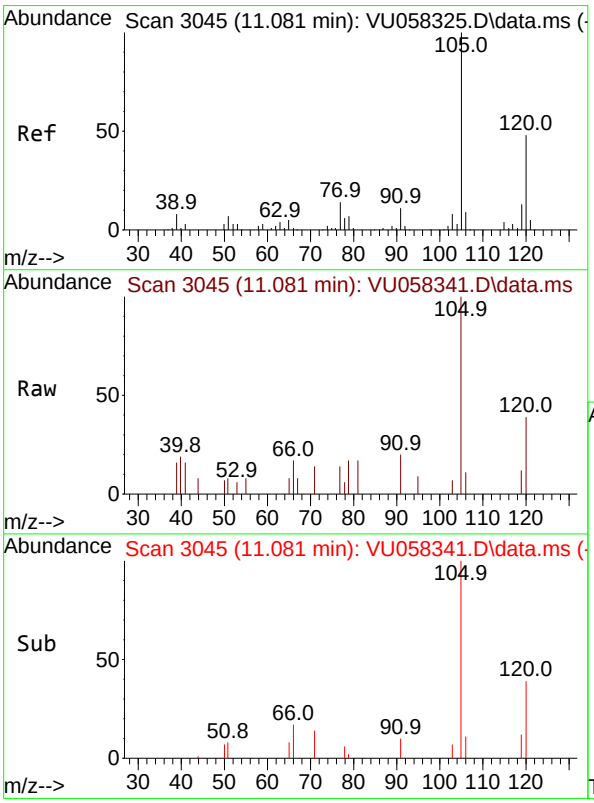
#60
Isopropylbenzene
Concen: 4.596 ug/L
RT: 10.479 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion:105 Resp: 99074

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	17.3	13.2	19.8

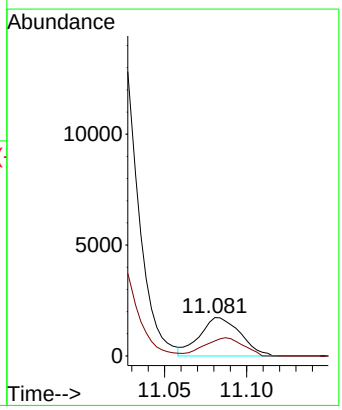


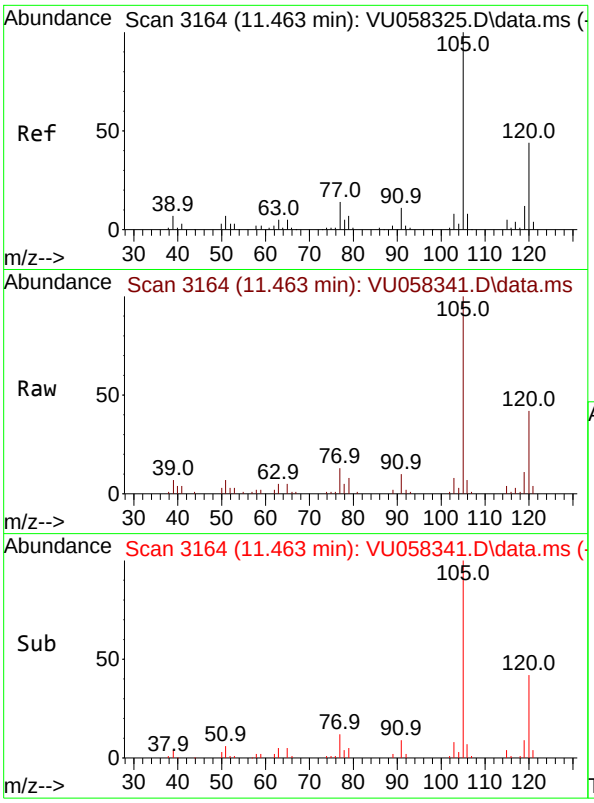


#62
1,3,5-Trimethylbenzene
Concen: 0.165 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Tgt Ion:105 Resp: 2981

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.7	55.1





#63
1,2,4-Trimethylbenzene
Concen: 1.204 ug/L
RT: 11.463 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU058341.D
Acq: 02 Apr 2024 16:57

Instrument :
MSVOA_U
ClientSampleId :
DCOD5

Tgt Ion:105 Resp: 21643

Ion	Ratio	Lower	Upper
105	100		
120	42.5	35.9	53.9