Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
Data File : VU050273.D
Acq On : 12 Aug 2022 11:35
Operator : SY/MD
Sample : N4065-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Quant Time: Aug 12 23:14:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 23:11:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	81912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37121	5.446	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 109.000%			
7) Chloroethane-d5	1.912	69	29225	5.314	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.200%			
11) 1,1-Dichloroethene-d2	2.565	65	13161	4.940	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.800%			
20) 2-Butanone-d5	4.642	46	88393	53.174	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.340%			
24) Chloroform-d	5.063	84	62696	4.945	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	5.703	65	34517	5.302	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
32) Benzene-d6	5.729	84	119717	4.569	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
36) 1,2-Dichloropropane-d6	6.690	67	41530	4.813	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.200%			
41) Toluene-d8	7.899	98	91479	3.953	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.000%			
43) trans-1,3-Dichloroprop...	8.179	79	13482	4.360	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.636	63	40467	36.905	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.800%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	37889	5.000	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.000%			
66) 1,2-Dichlorobenzene-d4	12.192	152	36533	4.958	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.200%			
Target Compounds						Qvalue
3) Chloromethane	1.517	50	2808	0.286	ug/L	94
13) Acetone	2.658	43	11141	12.034	ug/L	91
33) Benzene	5.777	78	7263	0.247	ug/L	100
34) Trichloroethene	6.542	95	2295	0.323	ug/L	93
52) Ethylbenzene	9.571	91	4589	0.159	ug/L	100
53) m,p-Xylene	9.697	106	4187	0.395	ug/L	87
54) o-Xylene	10.098	106	2264	0.214	ug/L	96
60) Isopropylbenzene	10.484	105	51058	2.033	ug/L	100

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

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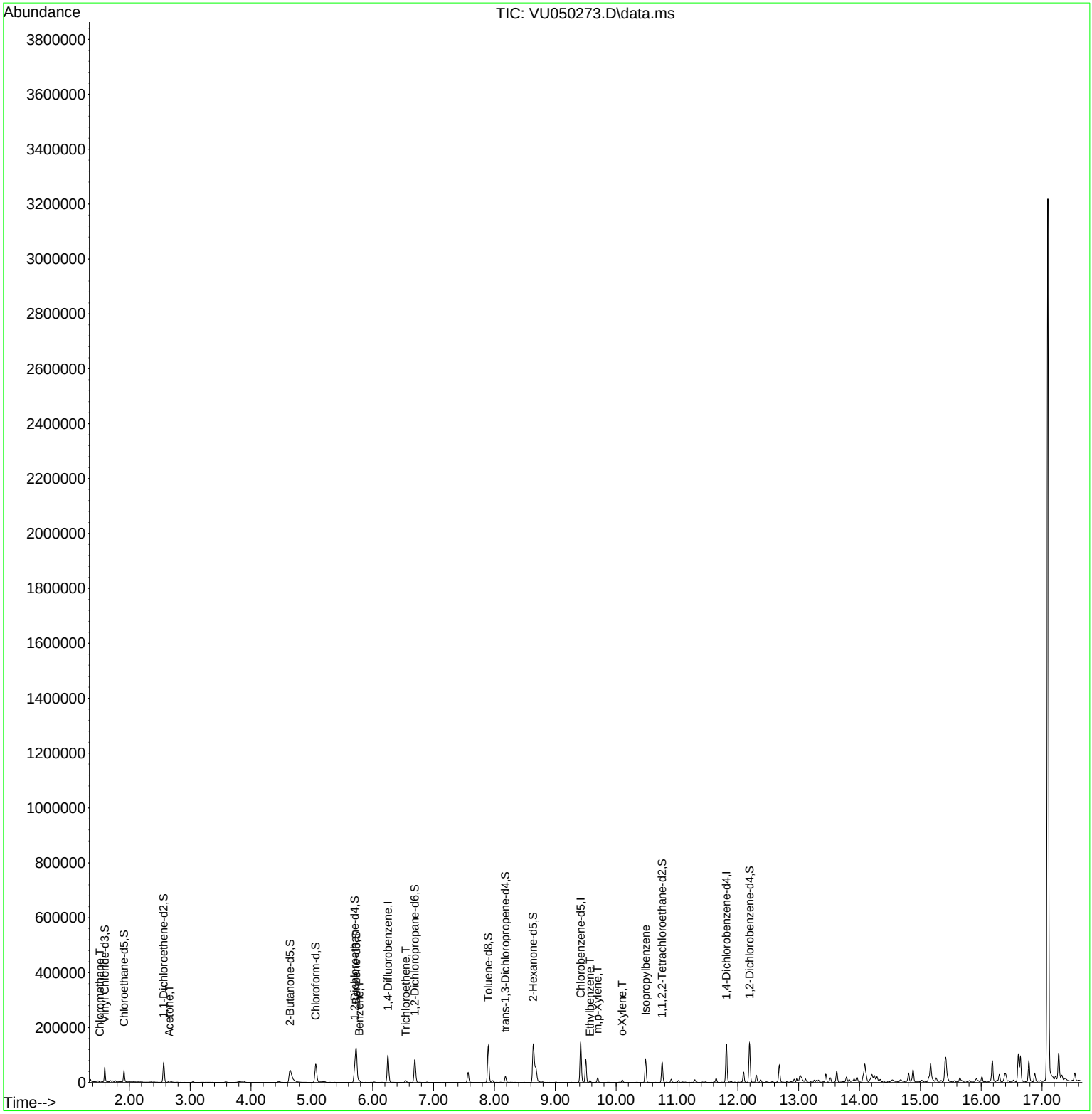
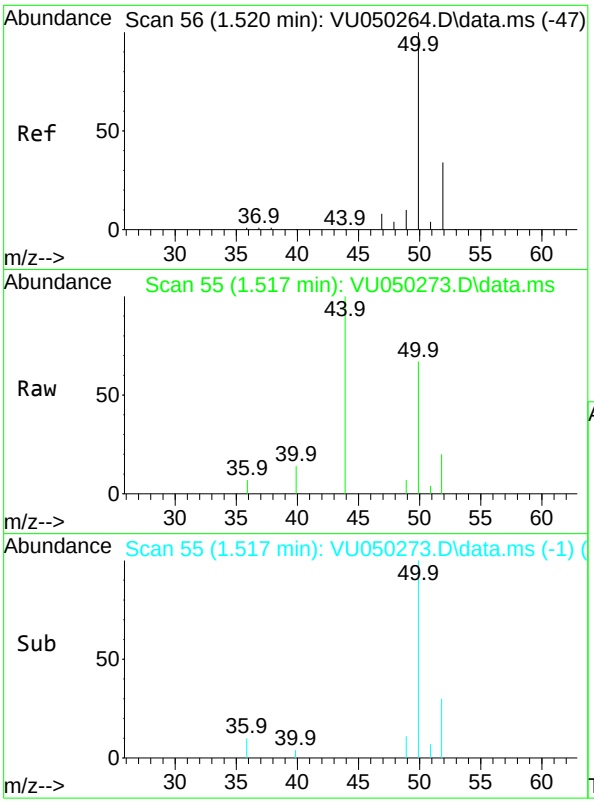


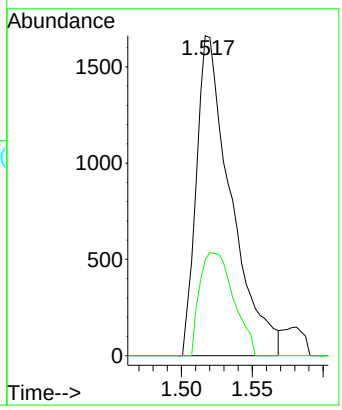


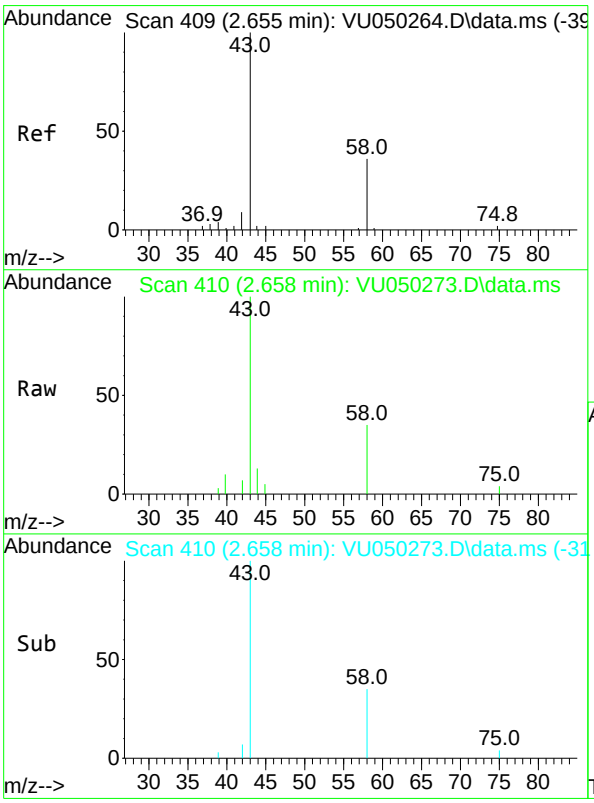
#3
Chloromethane
Concen: 0.286 ug/L
RT: 1.517 min Scan# 5
Delta R.T. -0.003 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Tgt Ion: 50 Resp: 2808

Ion	Ratio	Lower	Upper
50	100		
52	30.0	23.2	43.2

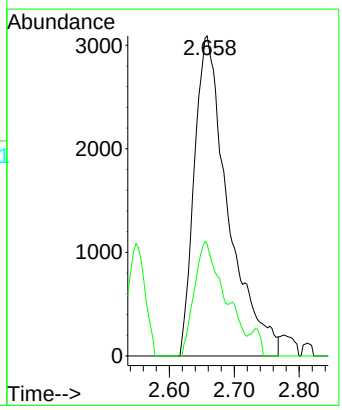


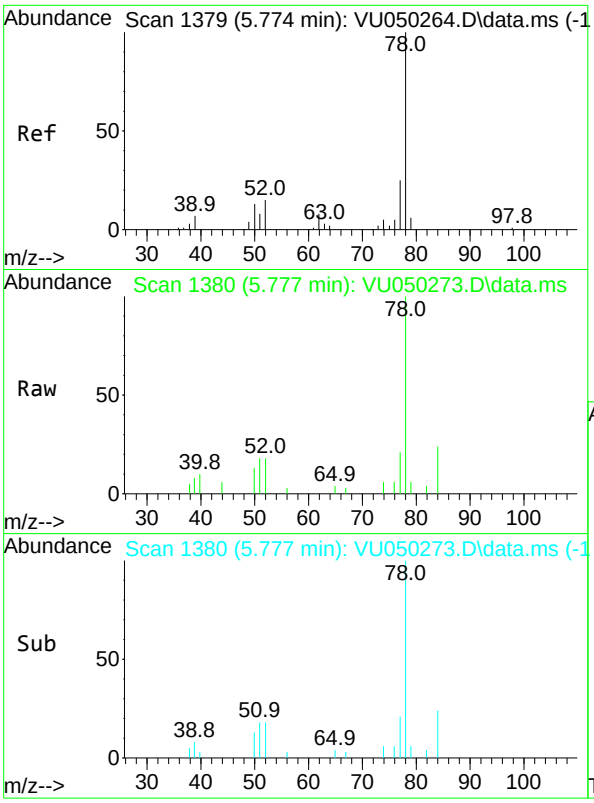


#13
Acetone
Concen: 12.034 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Tgt Ion: 43 Resp: 11141

Ion	Ratio	Lower	Upper
43	100		
58	26.8	0.0	64.0

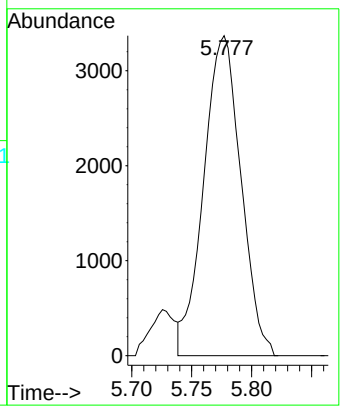


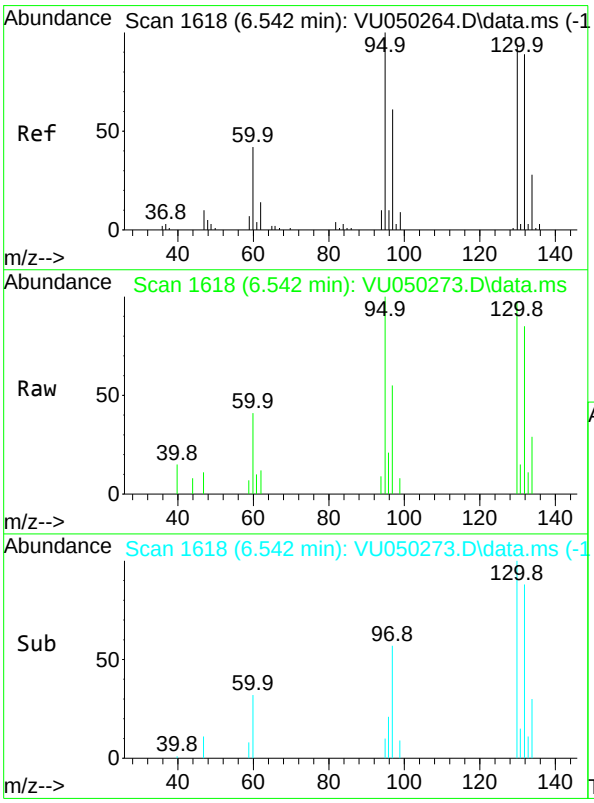


#33
Benzene
Concen: 0.247 ug/L
RT: 5.777 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Tgt Ion: 78 Resp: 7263

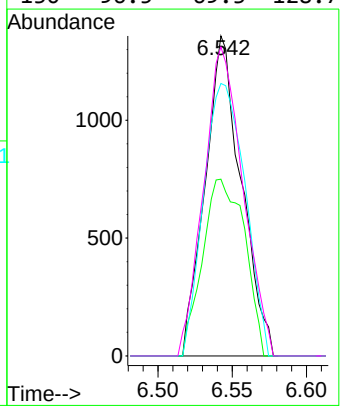


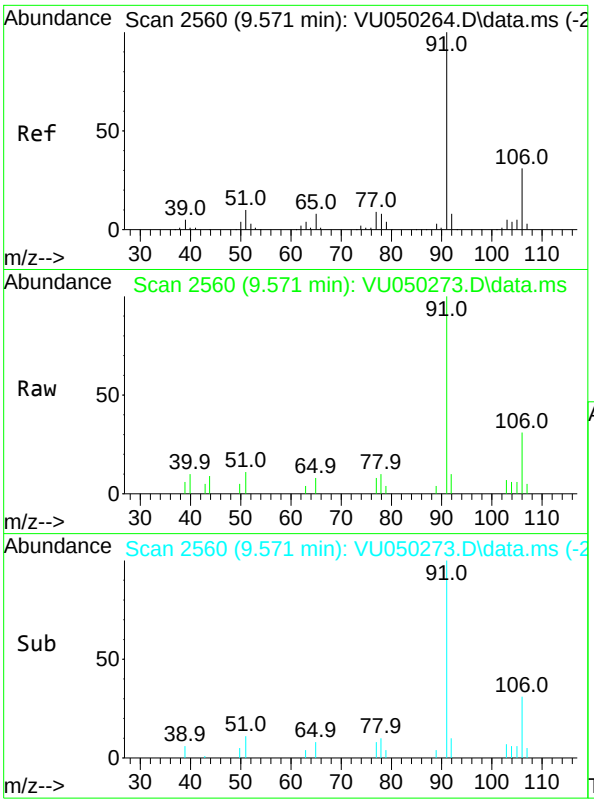


#34
Trichloroethene
Concen: 0.323 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Tgt Ion: 95 Resp: 2295

Ion	Ratio	Lower	Upper
95	100		
97	55.2	45.6	84.8
132	85.1	65.0	120.6
130	96.5	69.3	128.7



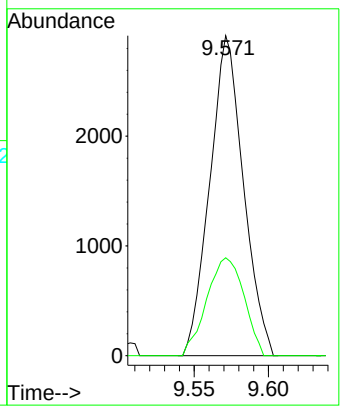


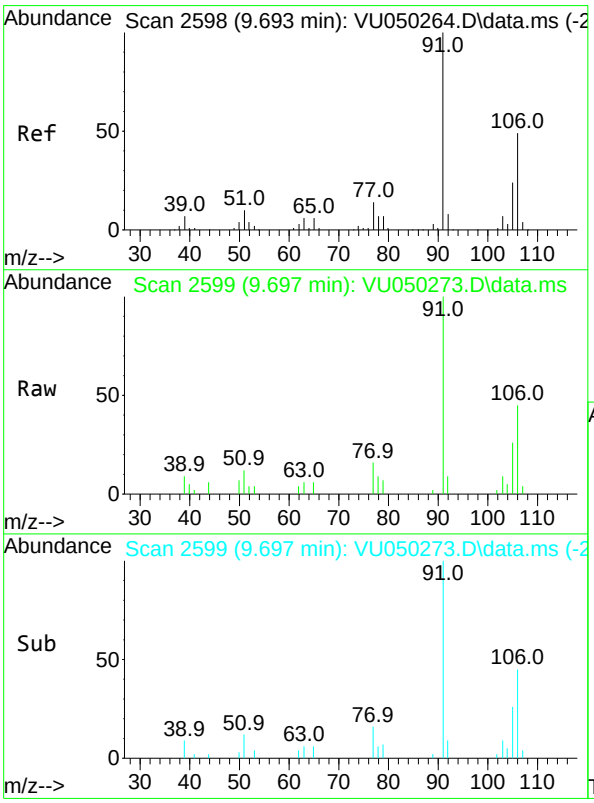
#52
Ethylbenzene
Concen: 0.159 ug/L
RT: 9.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Tgt Ion: 91 Resp: 4589

Ion	Ratio	Lower	Upper
91	100		
106	30.6	21.3	39.5

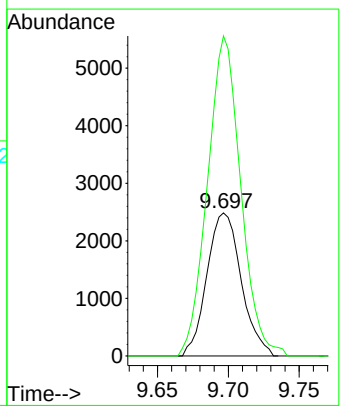


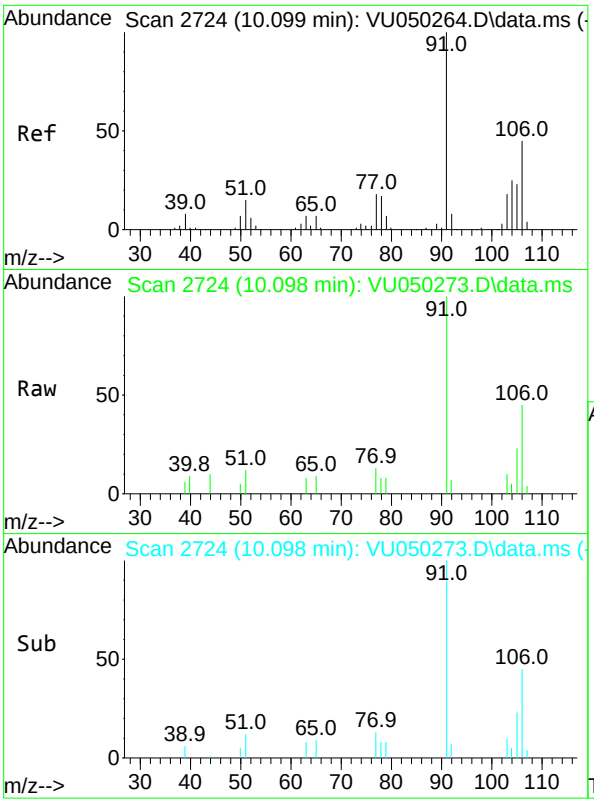


#53
m,p-Xylene
Concen: 0.395 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Tgt Ion:106 Resp: 4187

Ion	Ratio	Lower	Upper
106	100		
91	223.7	143.1	265.9



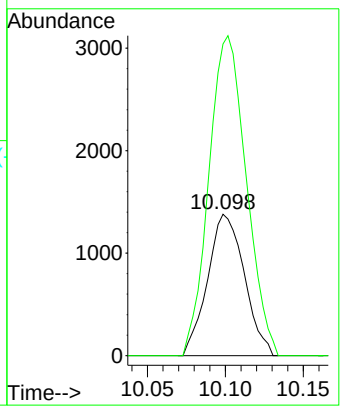


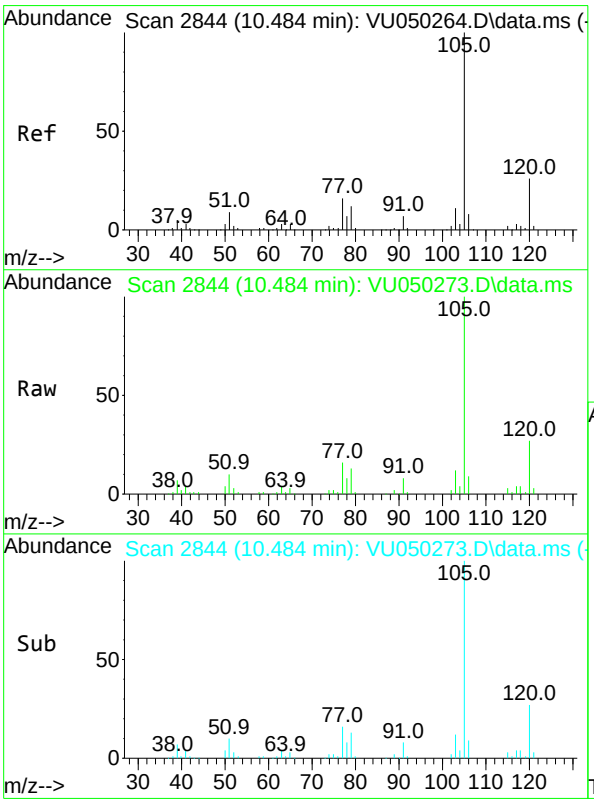
#54
o-Xylene
Concen: 0.214 ug/L
RT: 10.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Tgt Ion:106 Resp: 2264

Ion	Ratio	Lower	Upper
106	100		
91	220.4	149.4	277.4





#60
Isopropylbenzene
Concen: 2.033 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050273.D
Acq: 12 Aug 2022 11:35

Tgt Ion:105 Resp: 51058

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.8	31.2
77	16.0	12.6	19.0