Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
Data File : VU061485.D
Acq On : 06 Nov 2024 05:31
Operator : MD/SY
Sample : P4714-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AF7

Quant Time: Nov 06 07:11:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 00:52:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52066	4.785	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.600%			
7) Chloroethane-d5	1.911	69	50738	5.086	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.800%			
11) 1,1-Dichloroethene-d2	2.560	65	23812	5.115	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.200%			
20) 2-Butanone-d5	4.624	46	117320	53.102	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.200%			
24) Chloroform-d	5.052	84	104703	5.069	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.400%			
26) 1,2-Dichloroethane-d4	5.692	65	54728	5.316	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	5.718	84	221976	5.289	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.800%			
36) 1,2-Dichloropropane-d6	6.682	67	66029	5.233	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.600%			
41) Toluene-d8	7.891	98	200220	5.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
43) trans-1,3-Dichloroprop...	8.174	79	20930	4.064	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.200%			
46) 2-Hexanone-d5	8.627	63	105682	50.098	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.200%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49551	5.193	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.800%			
66) 1,2-Dichlorobenzene-d4	12.184	152	65973	5.542	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.800%			
Target Compounds						Qvalue
52) Ethylbenzene	9.570	91	9815	0.178	ug/L	94
53) m,p-Xylene	9.689	106	12003	0.573	ug/L	96
54) o-Xylene	10.094	106	4482	0.217	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	6443	0.156	ug/L	95

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

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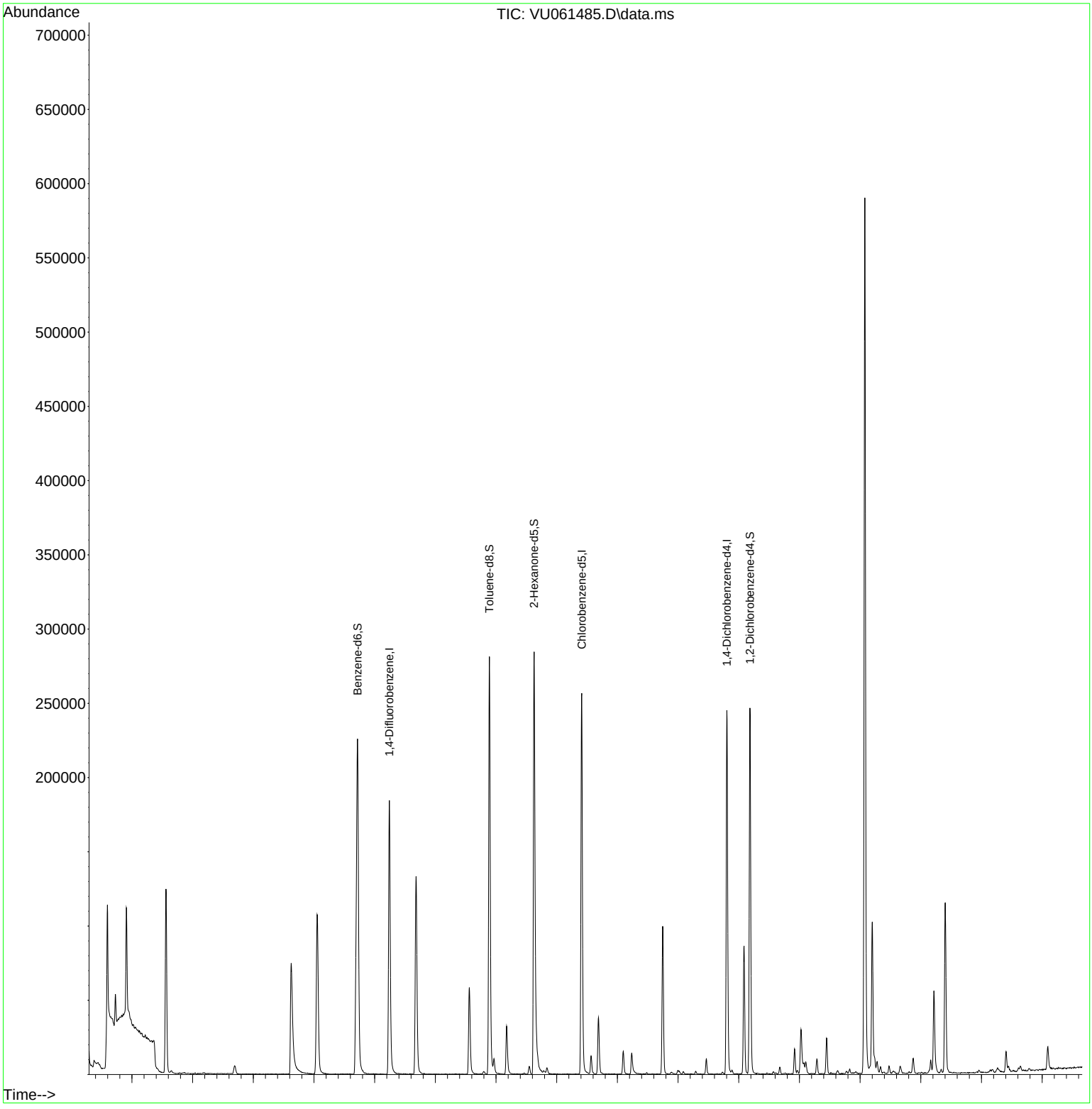
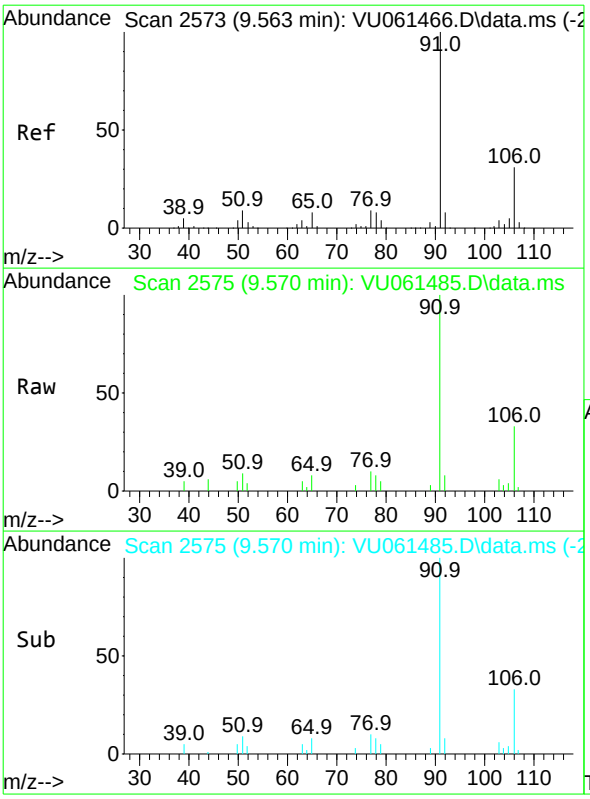


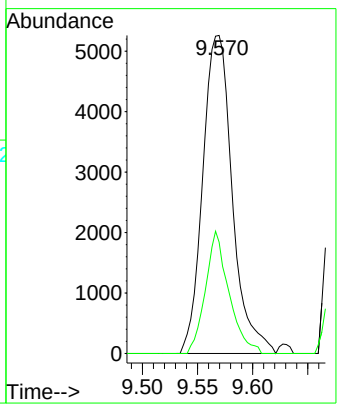


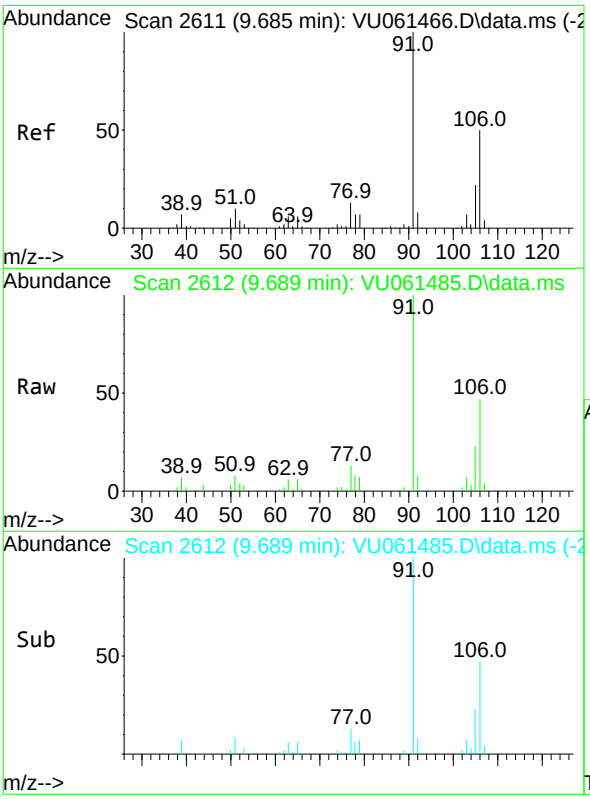
#52
Ethylbenzene
Concen: 0.178 ug/L
RT: 9.570 min Scan# 25
Delta R.T. 0.006 min
Lab File: VU061485.D
Acq: 06 Nov 2024 05:31

Instrument :
MSVOA_U
ClientSampleId :
C0AF7

Tgt Ion: 91 Resp: 9815

Ion	Ratio	Lower	Upper
91	100		
106	35.0	22.0	41.0

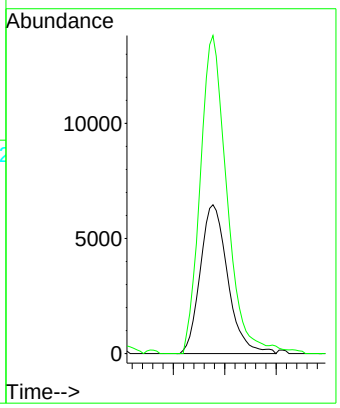


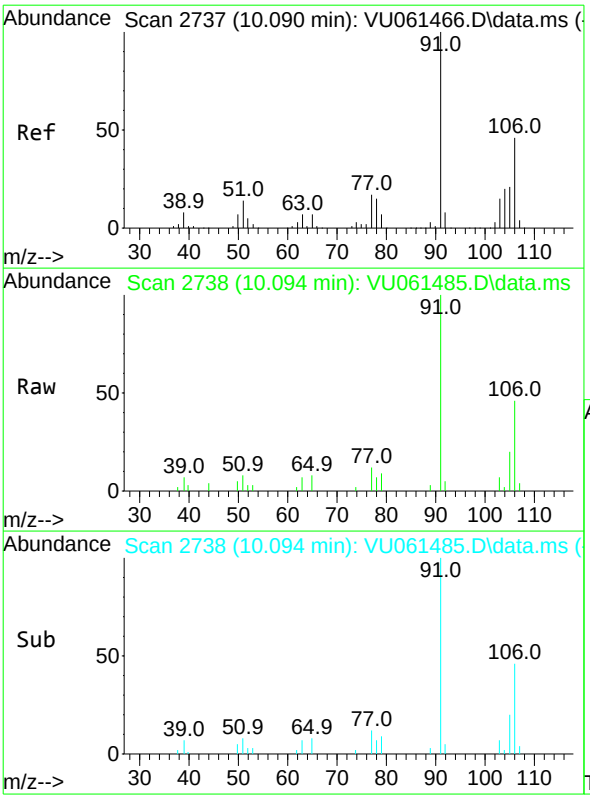


#53
m,p-Xylene
Concen: 0.573 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061485.D
Acq: 06 Nov 2024 05:31

Tgt Ion:106 Resp: 12003

Ion	Ratio	Lower	Upper
106	100		
91	213.7	145.7	270.7



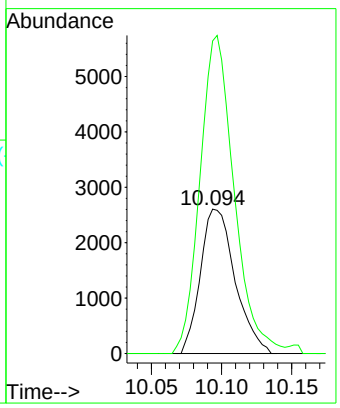


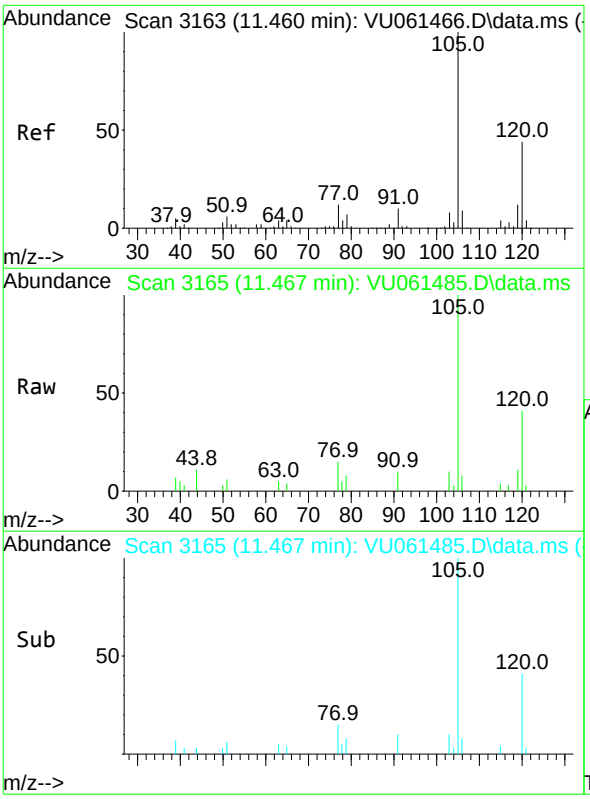
#54
o-Xylene
Concen: 0.217 ug/L
RT: 10.094 min Scan# 27
Delta R.T. 0.003 min
Lab File: VU061485.D
Acq: 06 Nov 2024 05:31

Instrument :
MSVOA_U
ClientSampleId :
C0AF7

Tgt Ion:106 Resp: 4482

Ion	Ratio	Lower	Upper
106	100		
91	216.5	148.8	276.4





#63
1,2,4-Trimethylbenzene
Concen: 0.156 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU061485.D
Acq: 06 Nov 2024 05:31

Tgt Ion:105 Resp: 6443

Ion	Ratio	Lower	Upper
105	100		
120	41.2	35.4	53.0