Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
Data File : VU061757.D
Acq On : 16 Nov 2024 21:18
Operator : MD/SY
Sample : P4761-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

Quant Time: Nov 18 04:18:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 04:15:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162399	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72505	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	39254	3.741	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.908	69	33929	3.788	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.800%			
11) 1,1-Dichloroethene-d2	2.560	65	17933	3.809	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.200%			
20) 2-Butanone-d5	4.647	46	98073	44.036	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.080%			
24) Chloroform-d	5.052	84	89589	4.295	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.000%			
26) 1,2-Dichloroethane-d4	5.695	65	46634	4.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	5.718	84	183179	4.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	6.682	67	56149	4.410	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.891	98	163388	4.061	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.200%			
43) trans-1,3-Dichloroprop...	8.178	79	17837	3.804	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.000%			
46) 2-Hexanone-d5	8.631	63	84839	45.783	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.560%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46748	4.658	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	62045	4.805	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.000%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.753	83	8230	0.428	ug/L	91
42) Toluene	7.965	91	13782	0.271	ug/L	90
51) Chlorobenzene	9.441	112	216597	6.618	ug/L	99
53) m,p-Xylene	9.689	106	7775	0.375	ug/L	97

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

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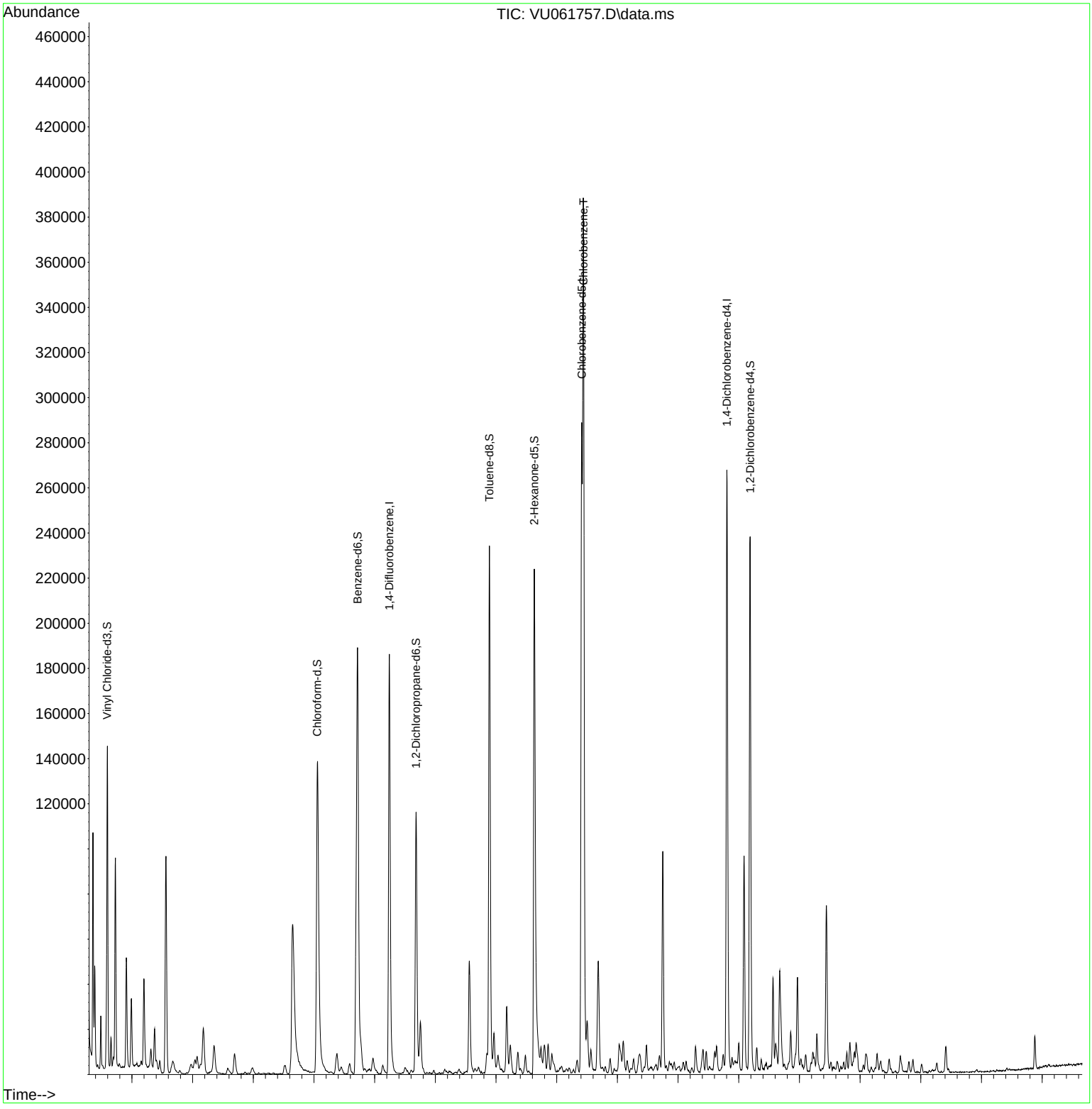
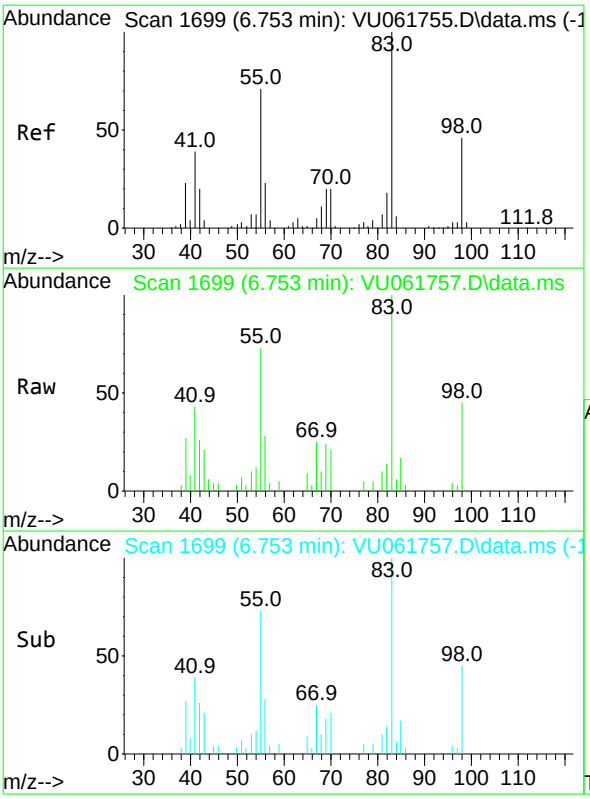


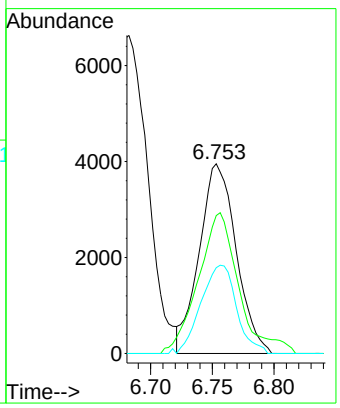


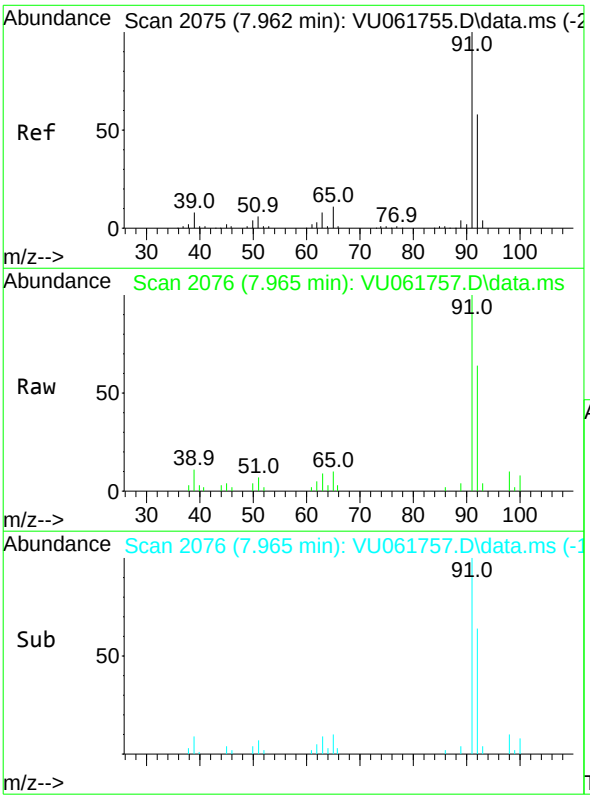
#35
Methylcyclohexane
Concen: 0.428 ug/L
RT: 6.753 min Scan# 16
Delta R.T. 0.000 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

Tgt Ion: 83 Resp: 8230

Ion	Ratio	Lower	Upper
83	100		
55	81.1	56.4	84.6
98	44.8	37.7	56.5

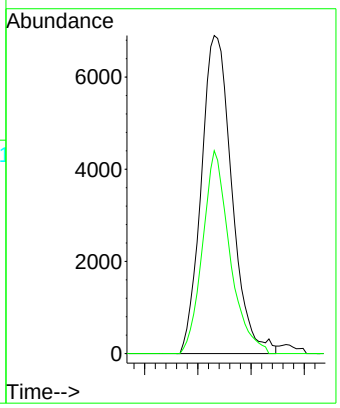


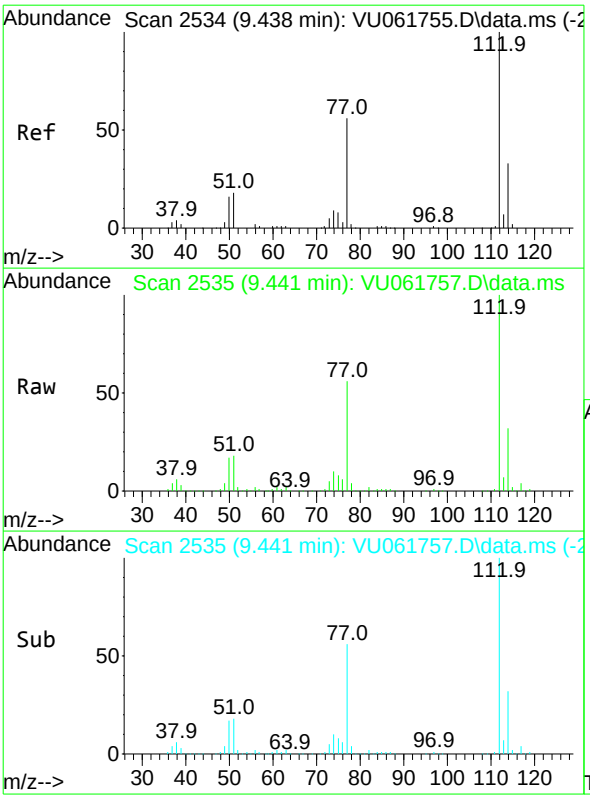


#42
Toluene
Concen: 0.271 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.004 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Tgt Ion: 91 Resp: 13782

Ion	Ratio	Lower	Upper
91	100		
92	63.8	39.7	73.7



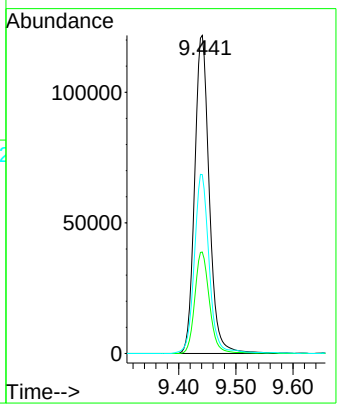


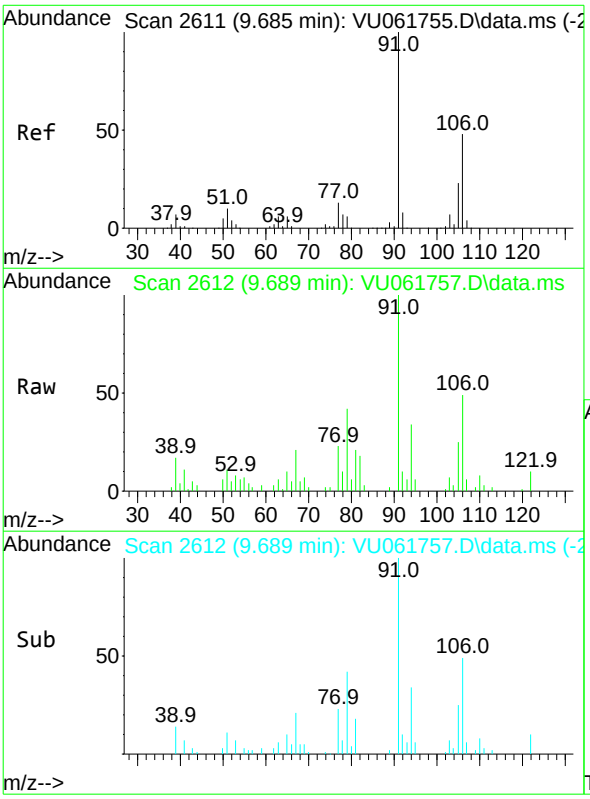
#51
Chlorobenzene
Concen: 6.618 ug/L
RT: 9.441 min Scan# 25
Delta R.T. 0.004 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Instrument :
MSVOA_U
ClientSampleId :
A0AL2

Tgt Ion:112 Resp: 216597

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.9
77	56.2	45.3	67.9





#53
m,p-Xylene
Concen: 0.375 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.004 min
Lab File: VU061757.D
Acq: 16 Nov 2024 21:18

Tgt Ion:106 Resp: 7775

Ion	Ratio	Lower	Upper
106	100		
91	205.8	140.4	260.8