Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
Data File : VV037097.D
Acq On : 27 Aug 2024 19:40
Operator : SY/MD
Sample : P3692-16
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 28 06:12:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 28 05:52:22 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E1K65

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/28/2024
Supervised By :Semsettin Yesilyurt 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	694311	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	667572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	323410	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	265555	41.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.620%			
7) Chloroethane-d5	1.529	69	179048	36.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 72.960%			
11) 1,1-Dichloroethene-d2	2.057	65	101397	37.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.960%			
21) 2-Butanone-d5	3.835	46	220131m	89.501	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.500%			
24) Chloroform-d	4.243	84	422262	42.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.960%			
26) 1,2-Dichloroethane-d4	4.937	65	287568	45.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.880%			
32) Benzene-d6	4.953	84	844291	41.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.740%			
36) 1,2-Dichloropropane-d6	5.992	67	269566	42.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.360%			
41) Toluene-d8	7.240	98	768021	42.205	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	7.551	79	121553	41.602	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.200%			
47) 2-Hexanone-d5	8.024	63	191923	111.351	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.350%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	366932	47.906	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.820%			
66) 1,2-Dichlorobenzene-d4	11.555	152	289676	44.722	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.440%			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	7700007	1243.064	ug/L	97
12) 1,1-Dichloroethene	2.066	96	347473	76.709	ug/L	89
17) trans-1,2-Dichloroethene	2.687	96	372972	79.315	ug/L	98
20) cis-1,2-Dichloroethene	3.786	96	38651899m	7438.489	ug/L	
34) Trichloroethene	5.822	95	33483231m	6584.680	ug/L	
42) Toluene	7.323	91	42493	2.118	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	8815	1.390	ug/L	99

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

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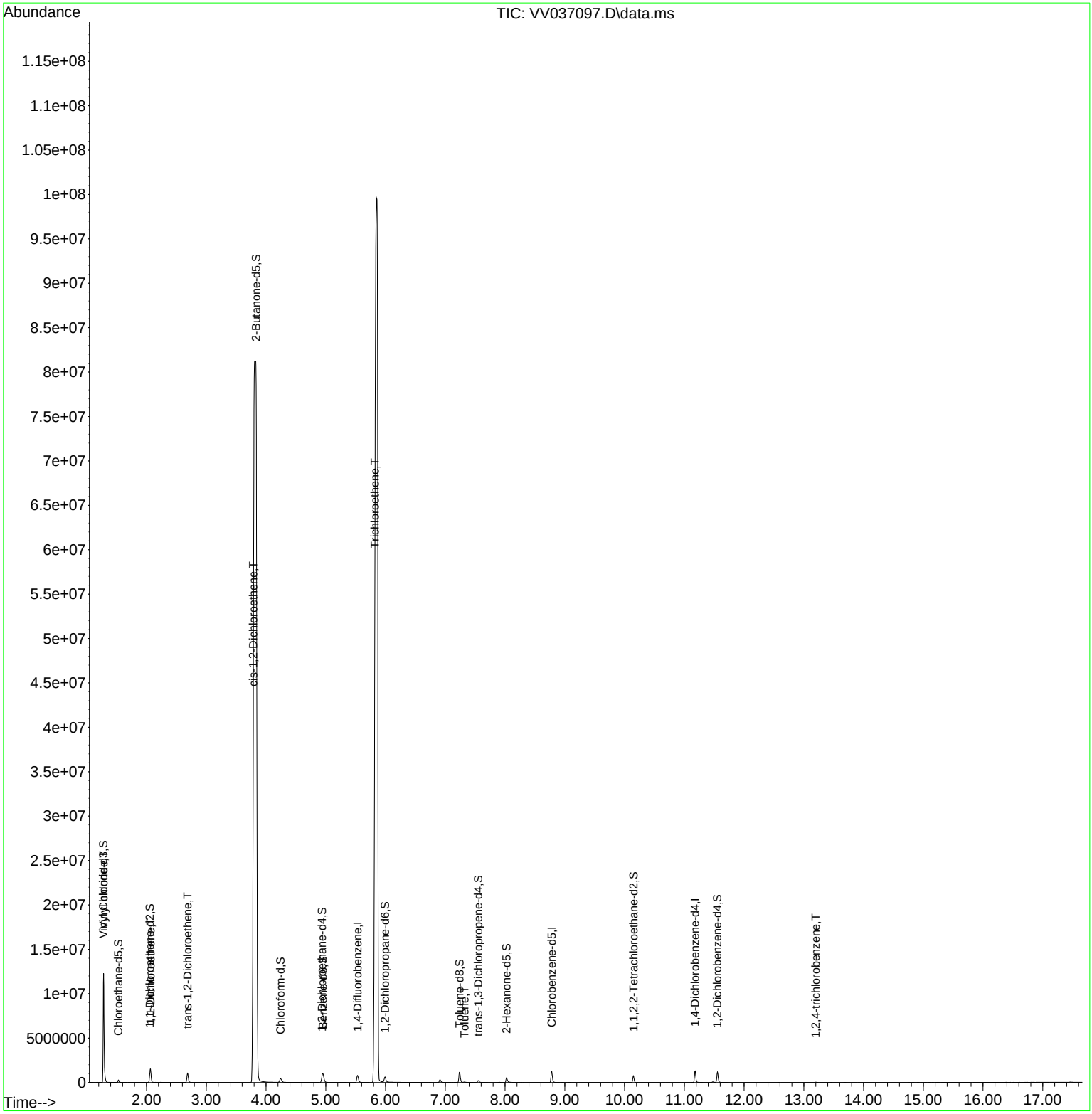

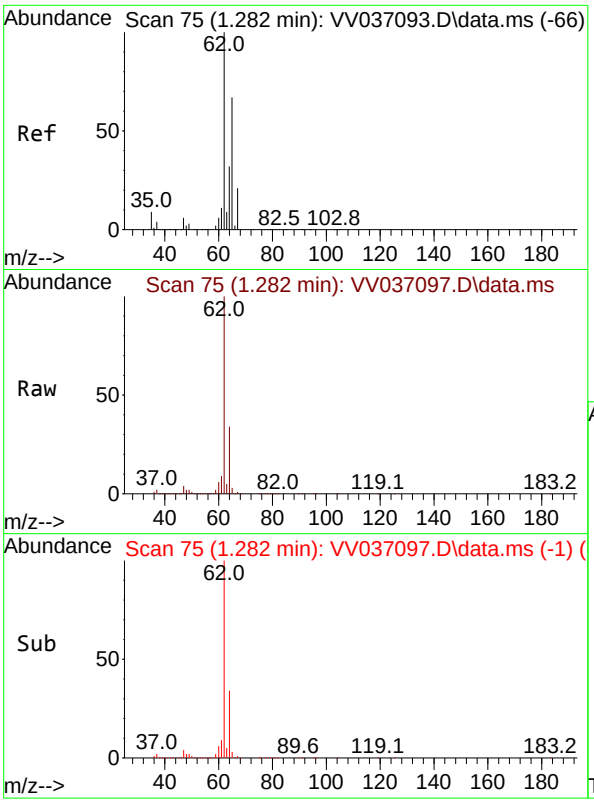

#5
Vinyl chloride
Concen: 1243.064 ug/L
RT: 1.282 min Scan# 7
Delta R.T. 0.000 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion: 62 Resp: 770000

Ion	Ratio	Lower	Upper
62	100		
64	34.5	22.8	42.4

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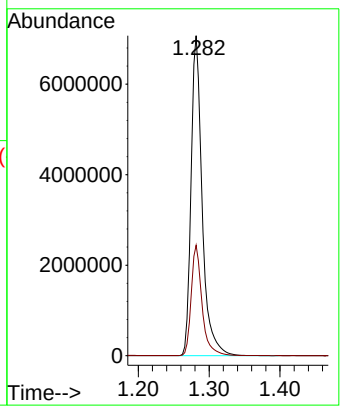
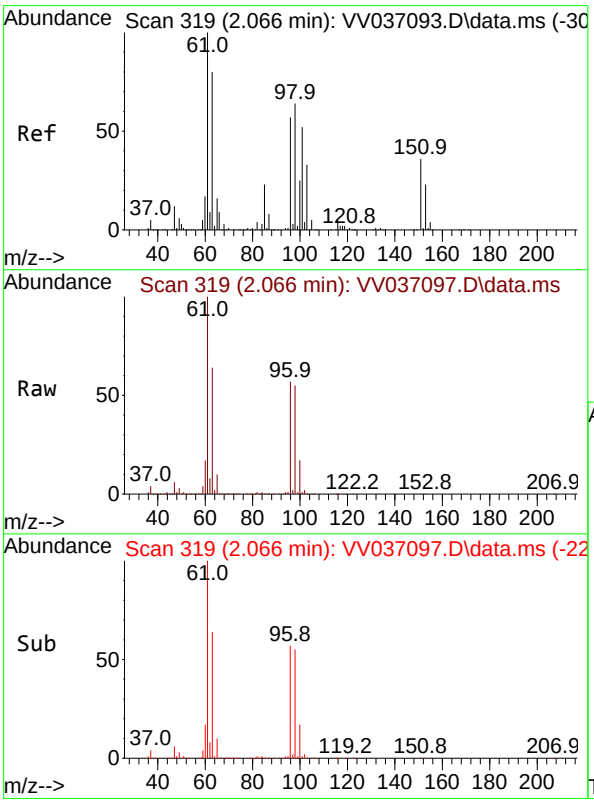
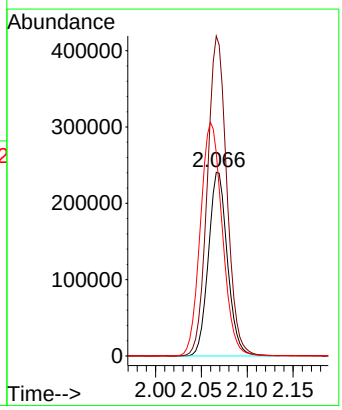


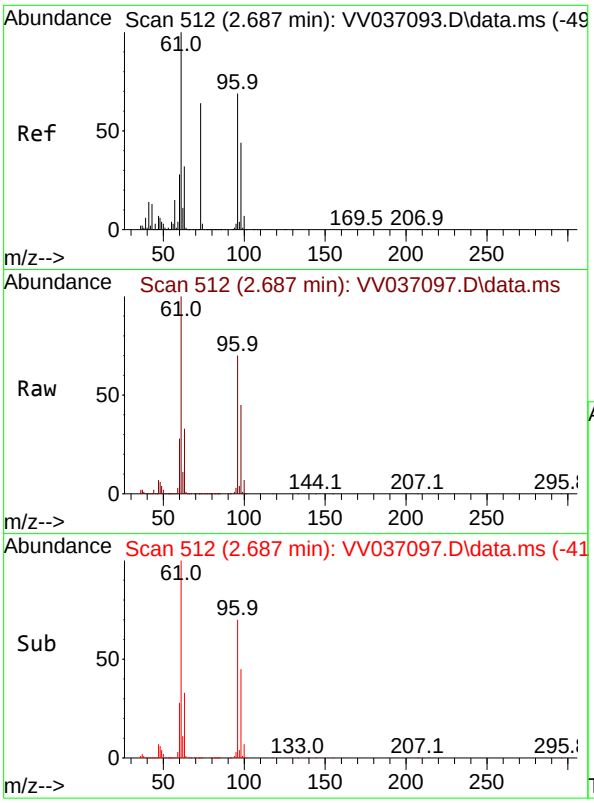


#12
1,1-Dichloroethene
Concen: 76.709 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion: 96 Resp: 347473

Ion	Ratio	Lower	Upper
96	100		
61	174.3	123.8	229.8
63	110.7	96.5	179.1





#17
trans-1,2-Dichloroethene
Concen: 79.315 ug/L
RT: 2.687 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion: 96 Resp: 37297

Ion	Ratio	Lower	Upper
96	100		
61	143.1	102.3	189.9
98	64.2	44.8	83.2

Instrument :
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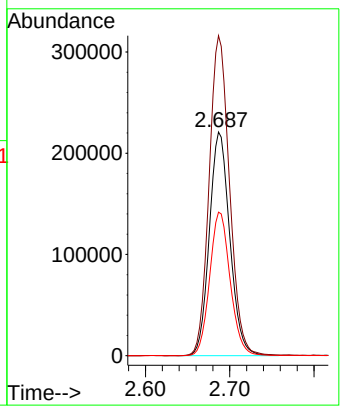
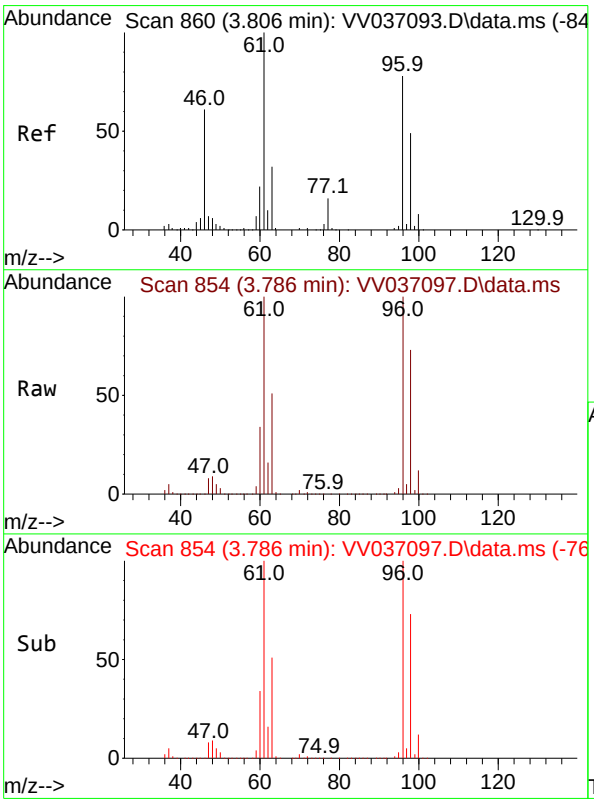
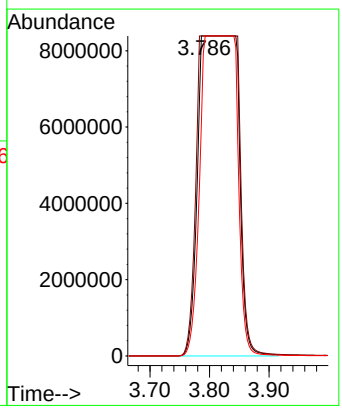


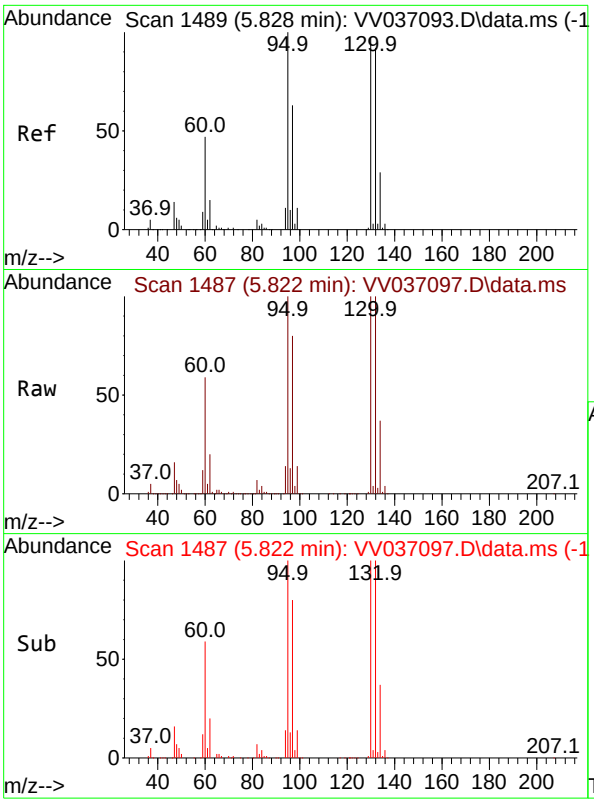


#20
cis-1,2-Dichloroethene
Concen: 7438.489 ug/L m
RT: 3.786 min Scan# 854
Delta R.T. -0.019 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion: 96 Resp:38651899

Ion	Ratio	Lower	Upper
96	100		
61	100.0	89.9	166.9
98	72.8	44.8	83.2

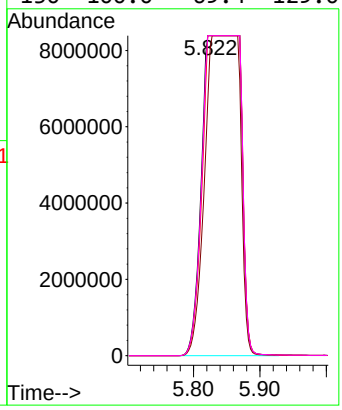




#34
Trichloroethene
Concen: 6584.680 ug/L m
RT: 5.822 min Scan# 14
Delta R.T. -0.006 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion: 95 Resp:3348323

Ion	Ratio	Lower	Upper
95	100		
97	79.6	44.4	82.5
132	100.0	64.9	120.5
130	100.0	69.4	129.0



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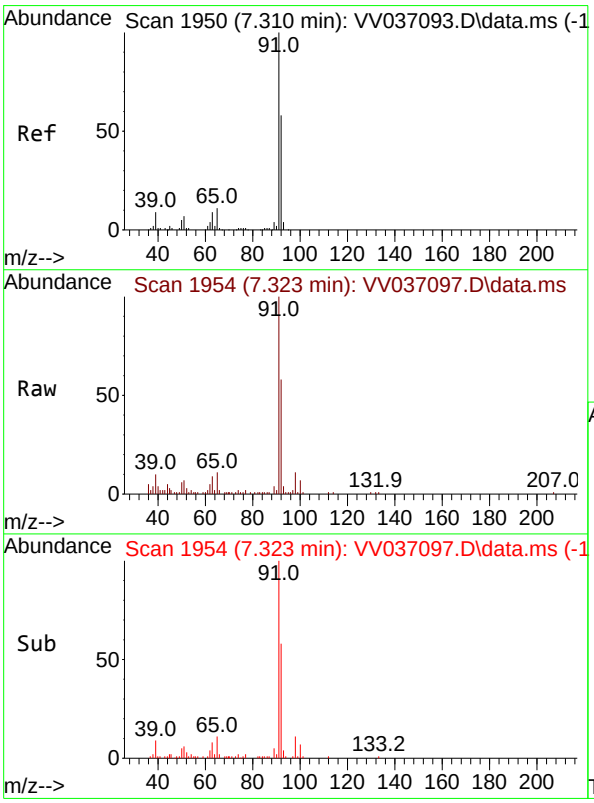
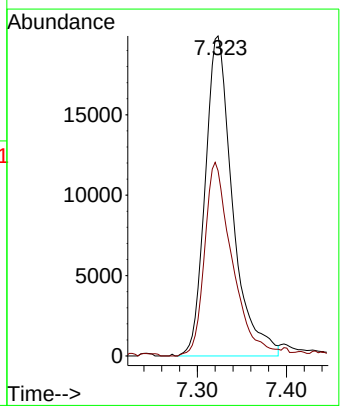
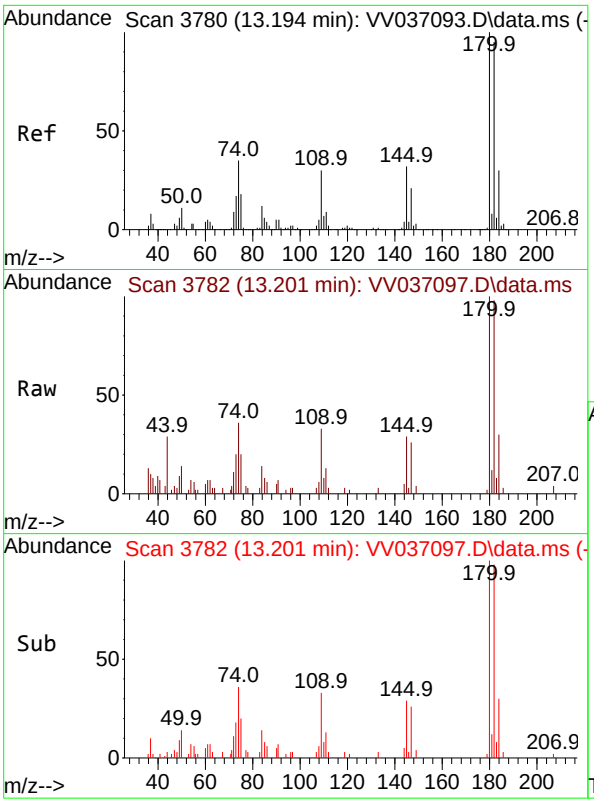


#42
Toluene
Concen: 2.118 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion: 91 Resp: 42493

Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.8	75.8

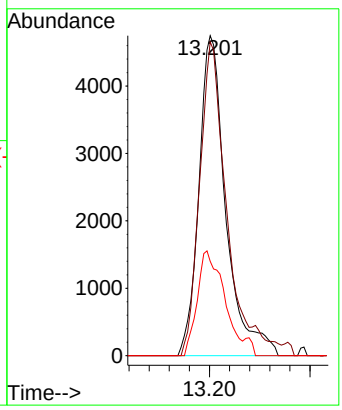




#70
1,2,4-trichlorobenzene
Concen: 1.390 ug/L
RT: 13.201 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV037097.D
Acq: 27 Aug 2024 19:40

Tgt Ion:180 Resp: 881

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.7	113.5
145	32.6	26.0	39.0



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