

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035773.D
 Acq On : 25 May 2024 01:19
 Operator : SY/MD
 Sample : P2570-14RE
 Misc : 5.56g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5R0RE

Quant Time: May 25 02:50:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	53464	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	52827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	17531	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	19944	24.135	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.560%		
7) Chloroethane-d5	1.532	69	17703	26.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.240%		
11) 1,1-Dichloroethene-d2	2.056	65	7986	21.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.320%		
21) 2-Butanone-d5	3.918	46	5079m	21.658	ug/L	0.08
Spiked Amount 50.000	Range 20 - 135		Recovery =	43.320%		
24) Chloroform-d	4.252	84	39986	25.157	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.640%		
26) 1,2-Dichloroethane-d4	4.953	65	22478	28.606	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	114.440%		
32) Benzene-d6	4.966	84	60860	21.046	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	5.995	67	24286	27.214	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	108.840%		
41) Toluene-d8	7.252	98	40718	15.821	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.280%		
43) trans-1,3-Dichloroprop...	7.580	79	6146m	16.103	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.400%		
47) 2-Hexanone-d5	8.079	63	1571m	9.790	ug/L	0.05
Spiked Amount 50.000	Range 20 - 135		Recovery =	19.580%#		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15492	18.015	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	72.080%		
66) 1,2-Dichlorobenzene-d4	11.564	152	11582	19.037	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.160%		
Target Compounds					Qvalue	
13) Acetone	2.134	43	2312m	6.735	ug/L	
16) Methylene chloride	2.449	84	10565	8.569	ug/L	99

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

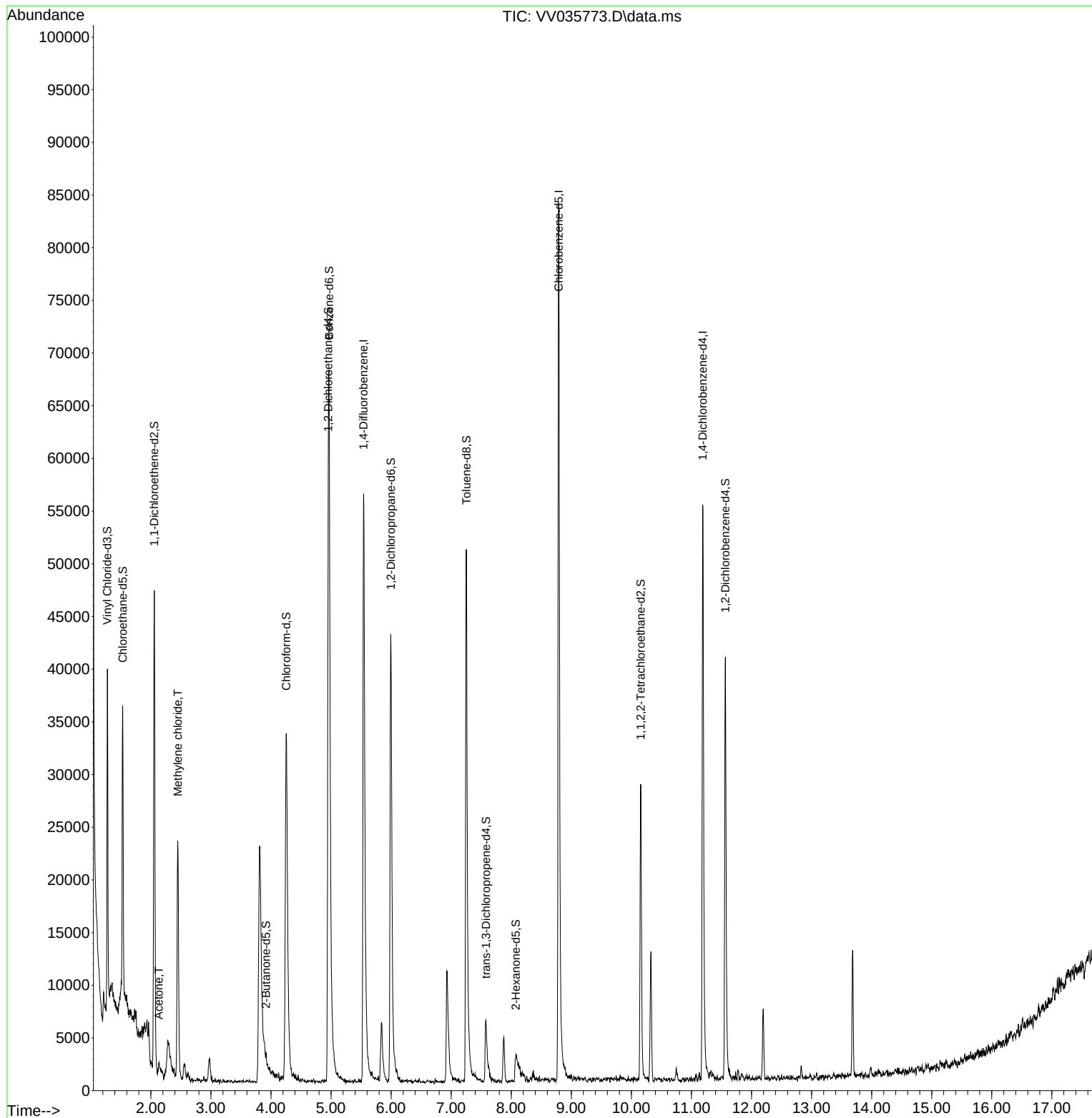
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035773.D
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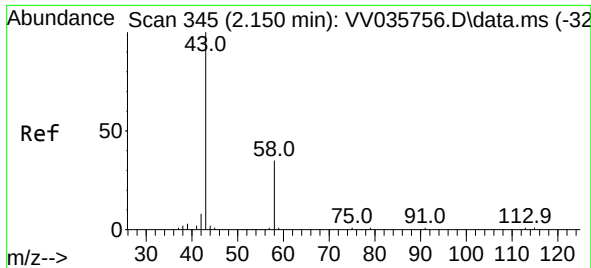
Instrument :
MSVOA_V
ClientSampleId :
BH5R0RE

Quant Time: May 25 02:50:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
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#13

Acetone

Concen: 6.735 ug/L m

RT: 2.134 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV035773.D

Acq: 25 May 2024 01:19

Instrument :

MSVOA_V

ClientSampleId :

BH5R0RE

Tgt Ion: 43 Resp: 231

Ion Ratio Lower Upper

43 100

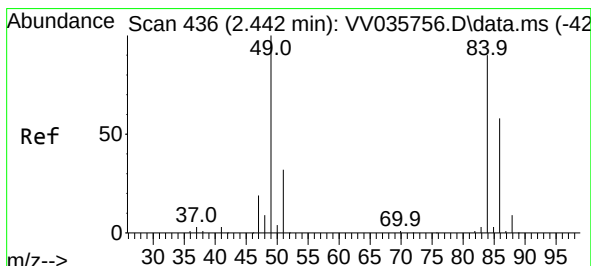
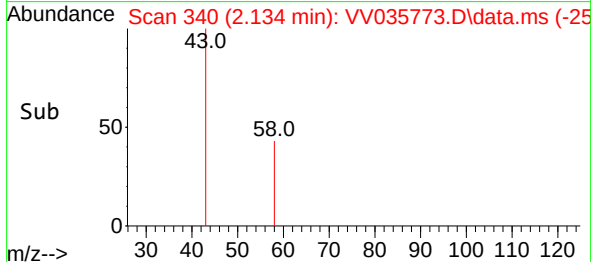
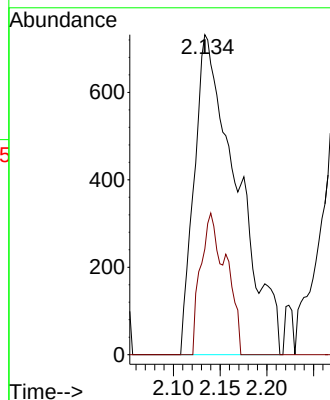
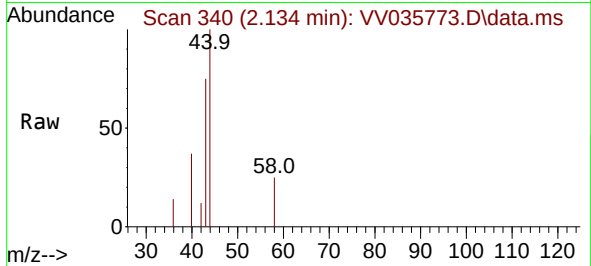
58 6.2 0.0 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

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#16

Methylene chloride

Concen: 8.569 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.006 min

Lab File: VV035773.D

Acq: 25 May 2024 01:19

Tgt Ion: 84 Resp: 10565

Ion Ratio Lower Upper

84 100

86 61.5 43.8 81.3

49 106.3 75.3 139.9

