

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035779.D
 Acq On : 25 May 2024 03:36
 Operator : SY/MD
 Sample : P2570-22RE
 Misc : 6.35g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH654RE

Manual Integrations
 APPROVED

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

Quant Time: May 25 05:09:14 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.555	114	14831	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.796	117	19128	25.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.191	152	8513	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	3859	16.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.320%
7) Chloroethane-d5	1.532	69	4920	26.605	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.057	65	1787	17.609	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.440%
21) 2-Butanone-d5	3.867	46	7683m	118.102	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	236.200%#
24) Chloroform-d	4.259	84	16837	38.186	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	152.760%#
26) 1,2-Dichloroethane-d4	4.963	65	15979	73.307	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	293.240%#
32) Benzene-d6	4.970	84	21277	20.321	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.280%
36) 1,2-Dichloropropane-d6	5.995	67	11695	36.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.760%#
41) Toluene-d8	7.259	98	14047	15.074	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.280%
43) trans-1,3-Dichloroprop...	7.587	79	3999m	28.937	ug/L	0.04
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.760%
47) 2-Hexanone-d5	8.069	63	1614m	27.778	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.560%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16663	53.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	214.040%#
66) 1,2-Dichlorobenzene-d4	11.564	152	8036	27.200	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.800%
Target Compounds					Qvalue	
13) Acetone	2.130	43	7860m	82.538	ug/L	
16) Methylene chloride	2.449	84	7970	23.304	ug/L	94

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

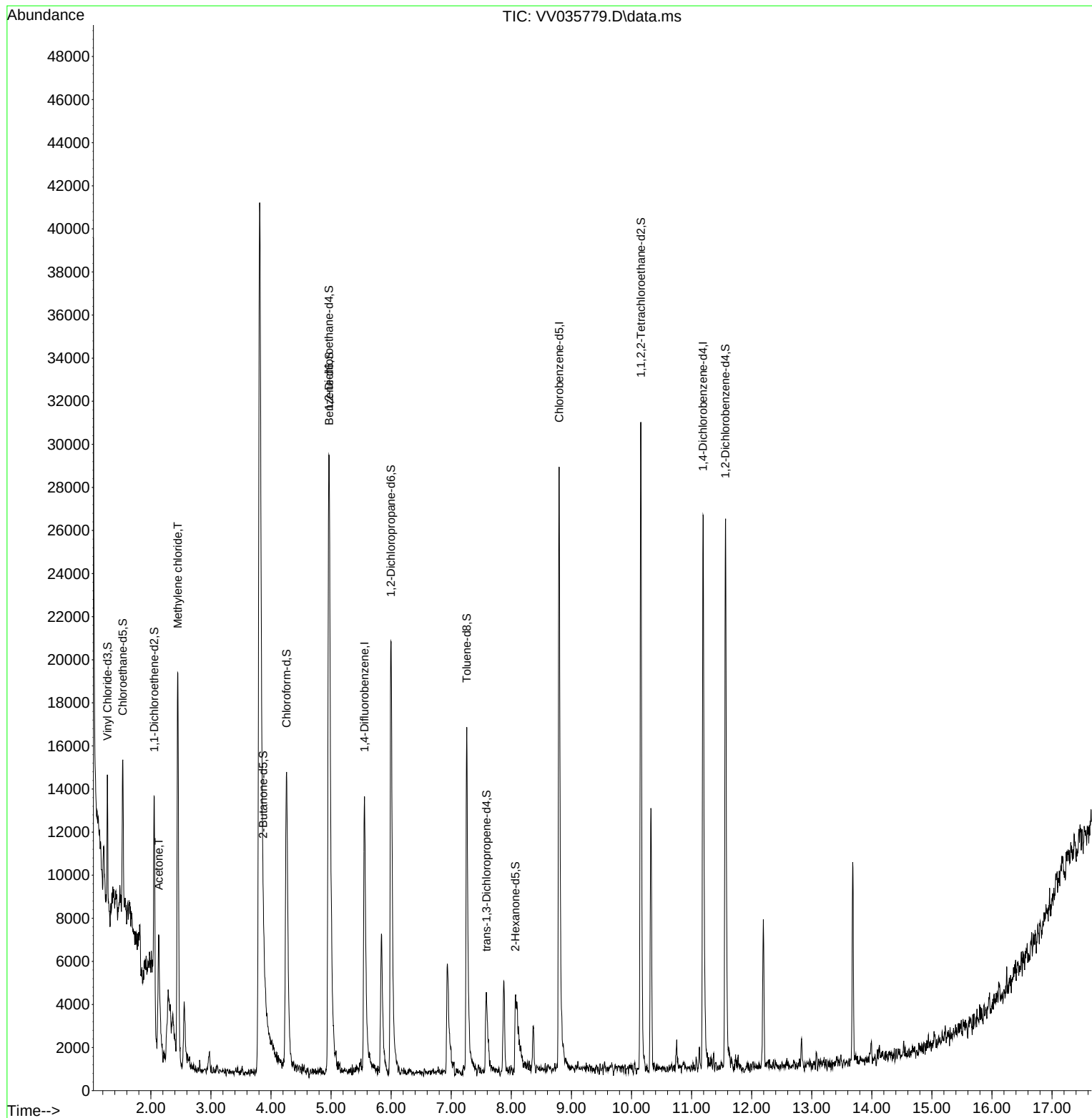
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
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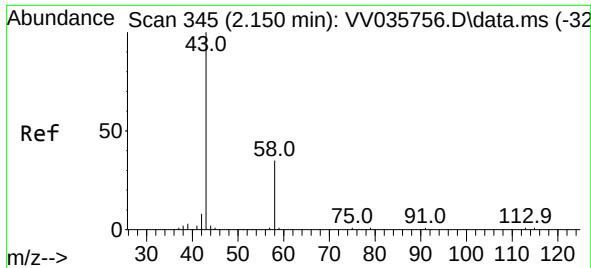
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#13

Acetone

Concen: 82.538 ug/L m

RT: 2.130 min Scan# 31

Delta R.T. -0.019 min

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BH654RE

Tgt Ion: 43 Resp: 7860

Ion Ratio Lower Upper

43 100

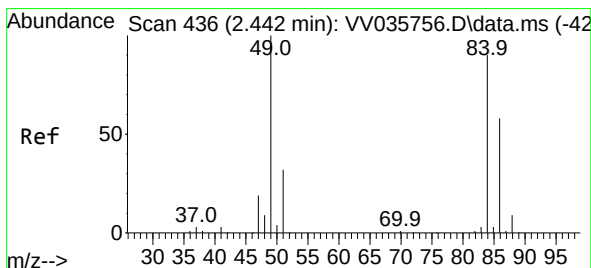
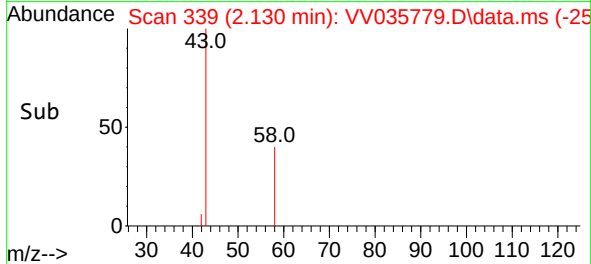
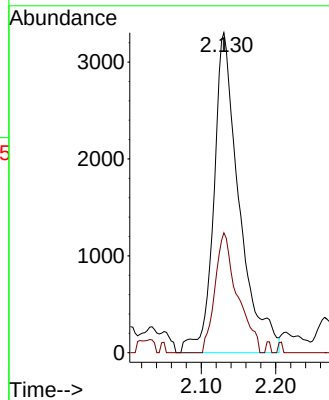
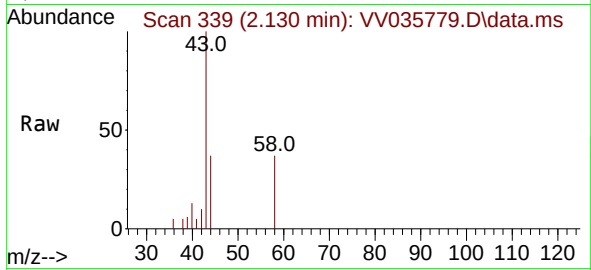
58 0.6 0.0 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/28/2024

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#16

Methylene chloride

Concen: 23.304 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.007 min

Lab File: VV035779.D

Acq: 25 May 2024 03:36

Tgt Ion: 84 Resp: 7970

Ion Ratio Lower Upper

84 100

86 65.8 43.8 81.3

49 115.1 75.3 139.9

