

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071624\
 Data File : VW036562.D
 Acq On : 16 Jul 2024 12:52
 Operator : SY/MD
 Sample : P3238-07
 Misc : 5.26g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BF0

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 02:27:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	224758	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144236	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	74800	23.229	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.920%			
7) Chloroethane-d5	1.526	69	71586	25.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.720%			
11) 1,1-Dichloroethene-d2	2.047	65	30182	18.253	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.000%			
21) 2-Butanone-d5	3.831	46	30049m	54.522	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.040%			
24) Chloroform-d	4.243	84	128797	19.687	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.760%			
26) 1,2-Dichloroethane-d4	4.937	65	82864	25.537	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.160%			
32) Benzene-d6	4.953	84	233424	32.439	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 129.760%			
36) 1,2-Dichloropropane-d6	5.985	67	79652	37.142	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 148.560%#			
41) Toluene-d8	7.243	98	127692	19.232	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.920%			
43) trans-1,3-Dichloroprop...	7.567	79	6701	7.516	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 30.080%			
47) 2-Hexanone-d5	8.034	63	15104	63.414	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.820%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	50593	28.012	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.040%			
66) 1,2-Dichlorobenzene-d4	11.561	152	24833	21.017	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.080%			
Target Compounds					Qvalue	
13) Acetone	2.143	43	45893	58.899	ug/L #	45
14) Carbon disulfide	2.230	76	36288	4.868	ug/L	98
16) Methylene chloride	2.439	84	39685	8.588	ug/L	97
22) 2-Butanone	3.928	43	14371m	21.968	ug/L	

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

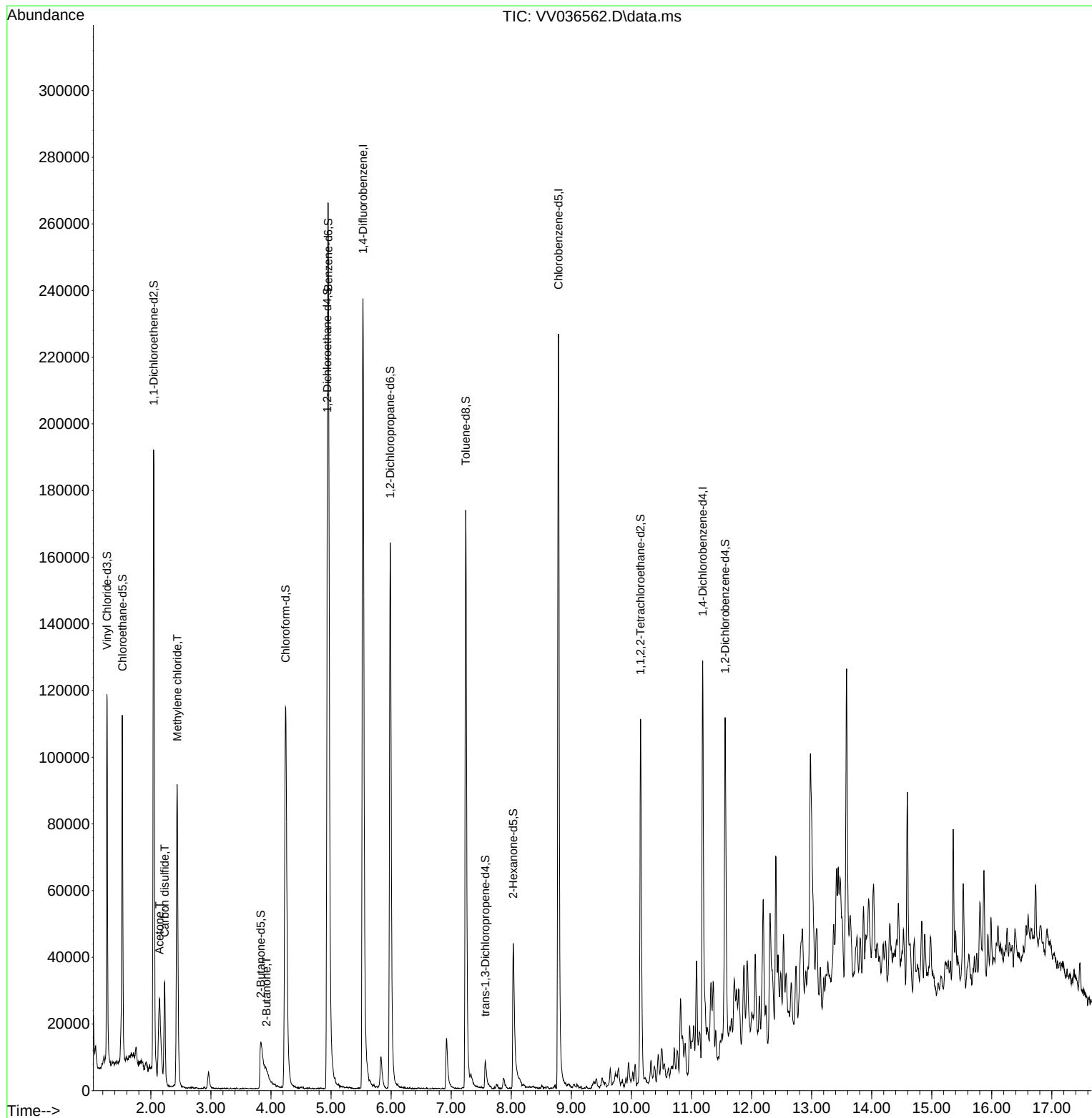
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
Data File : VV036562.D
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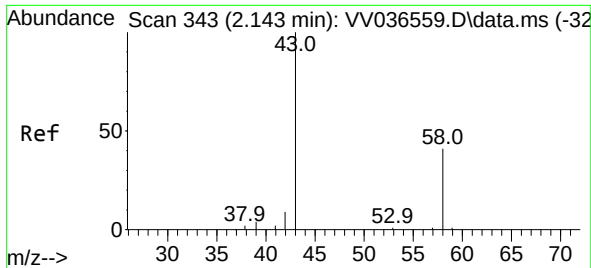
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
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#13

Acetone

Concen: 58.899 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.000 min

Lab File: VV036562.D

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Instrument :

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ClientSampleId :

A4BF0

Tgt Ion: 43 Resp: 4589

Ion Ratio Lower Upper

43 100

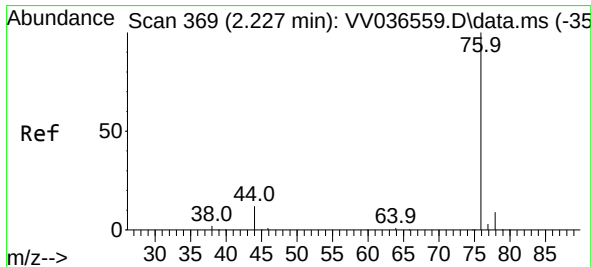
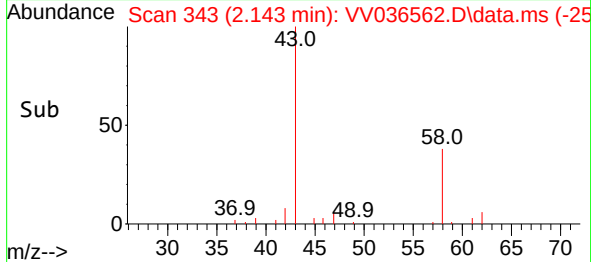
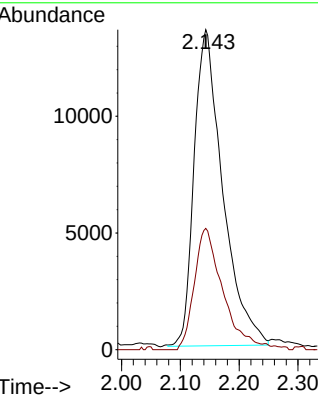
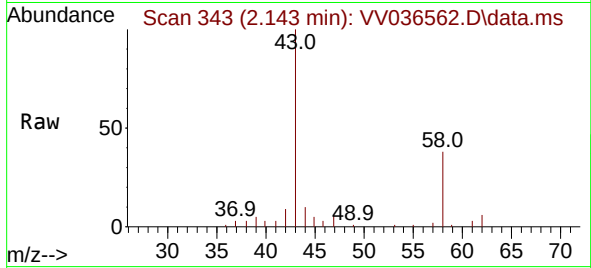
58 36.6 0.0 28.4

Manual Integrations

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#14

Carbon disulfide

Concen: 4.868 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.003 min

Lab File: VV036562.D

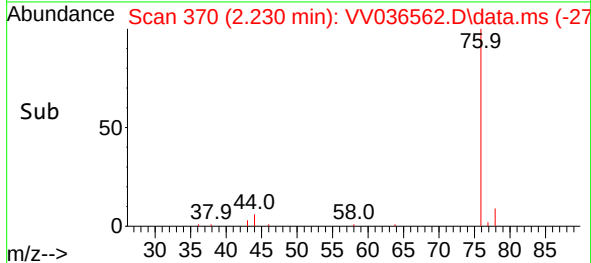
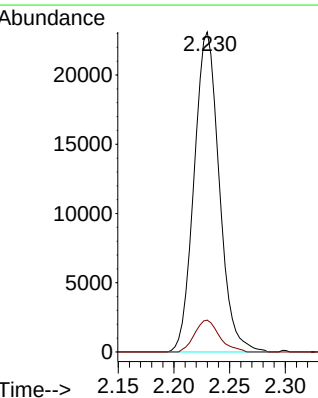
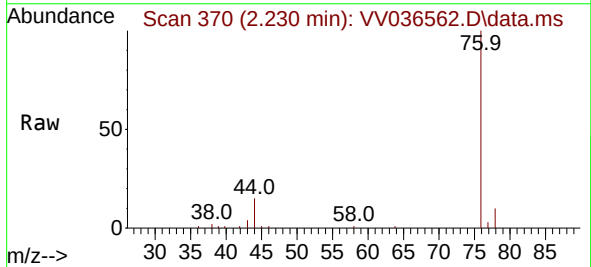
Acq: 16 Jul 2024 12:52

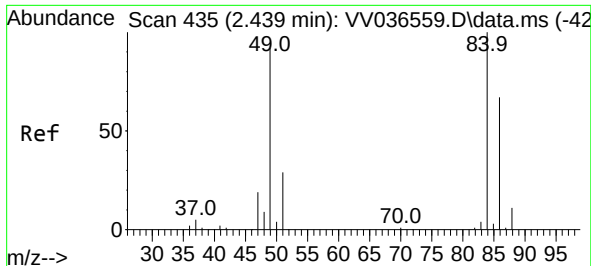
Tgt Ion: 76 Resp: 36288

Ion Ratio Lower Upper

76 100

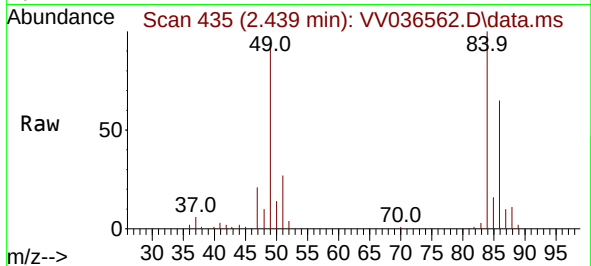
78 10.0 7.4 11.2





#16
Methylene chloride
Concen: 8.588 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036562.D
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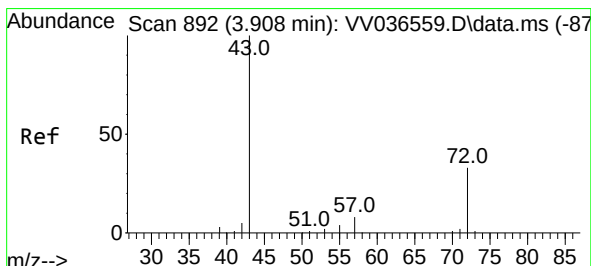
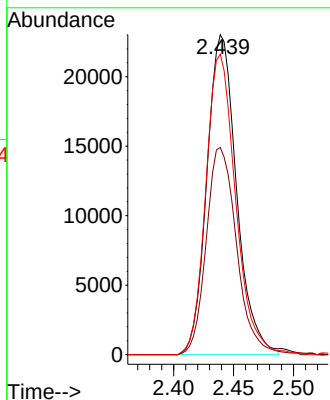
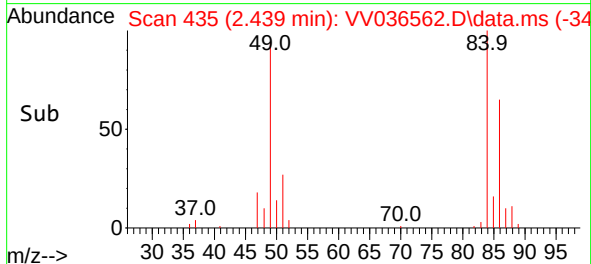
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Tgt Ion: 84 Resp: 3968
Ion Ratio Lower Upper
84 100
86 64.8 46.3 86.1
49 93.9 68.1 126.5

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#22
2-Butanone
Concen: 21.968 ug/L m
RT: 3.928 min Scan# 898
Delta R.T. 0.019 min
Lab File: VV036562.D
Acq: 16 Jul 2024 12:52

Tgt Ion: 43 Resp: 14371
Ion Ratio Lower Upper
43 100
72 9.1 5.9 17.6

