

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062124\
 Data File : VV036224.D
 Acq On : 21 Jun 2024 22:59
 Operator : SY/MD
 Sample : P2987-14
 Misc : 5.38g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0TA3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 22 03:01:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 02:57:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	84539	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	87371	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	30646	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	34145	21.969	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.880%		
7) Chloroethane-d5	1.529	69	29588	23.875	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.480%		
11) 1,1-Dichloroethene-d2	2.056	65	13396	19.361	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.440%		
21) 2-Butanone-d5	3.857	46	7863m	22.050	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	44.100%		
24) Chloroform-d	4.252	84	55576	20.678	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	82.720%		
26) 1,2-Dichloroethane-d4	4.947	65	30765	21.832	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.320%		
32) Benzene-d6	4.963	84	96252	18.533	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	74.120%		
36) 1,2-Dichloropropane-d6	5.992	67	31858	19.479	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	77.920%		
41) Toluene-d8	7.246	98	72760	15.878	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.520%		
43) trans-1,3-Dichloroprop...	7.567	79	7968	11.882	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	47.520%		
47) 2-Hexanone-d5	8.050	63	4841m	21.847	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	43.700%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	26013	21.285	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.120%		
66) 1,2-Dichlorobenzene-d4	11.561	152	20901	18.598	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.400%#		
Target Compounds					Qvalue	
13) Acetone	2.137	43	4910	8.839	ug/L	95
14) Carbon disulfide	2.240	76	34876	7.419	ug/L	99
16) Methylene chloride	2.449	84	5797	3.030	ug/L	94
46) Tetrachloroethene	7.905	164	66432	51.864	ug/L	99

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

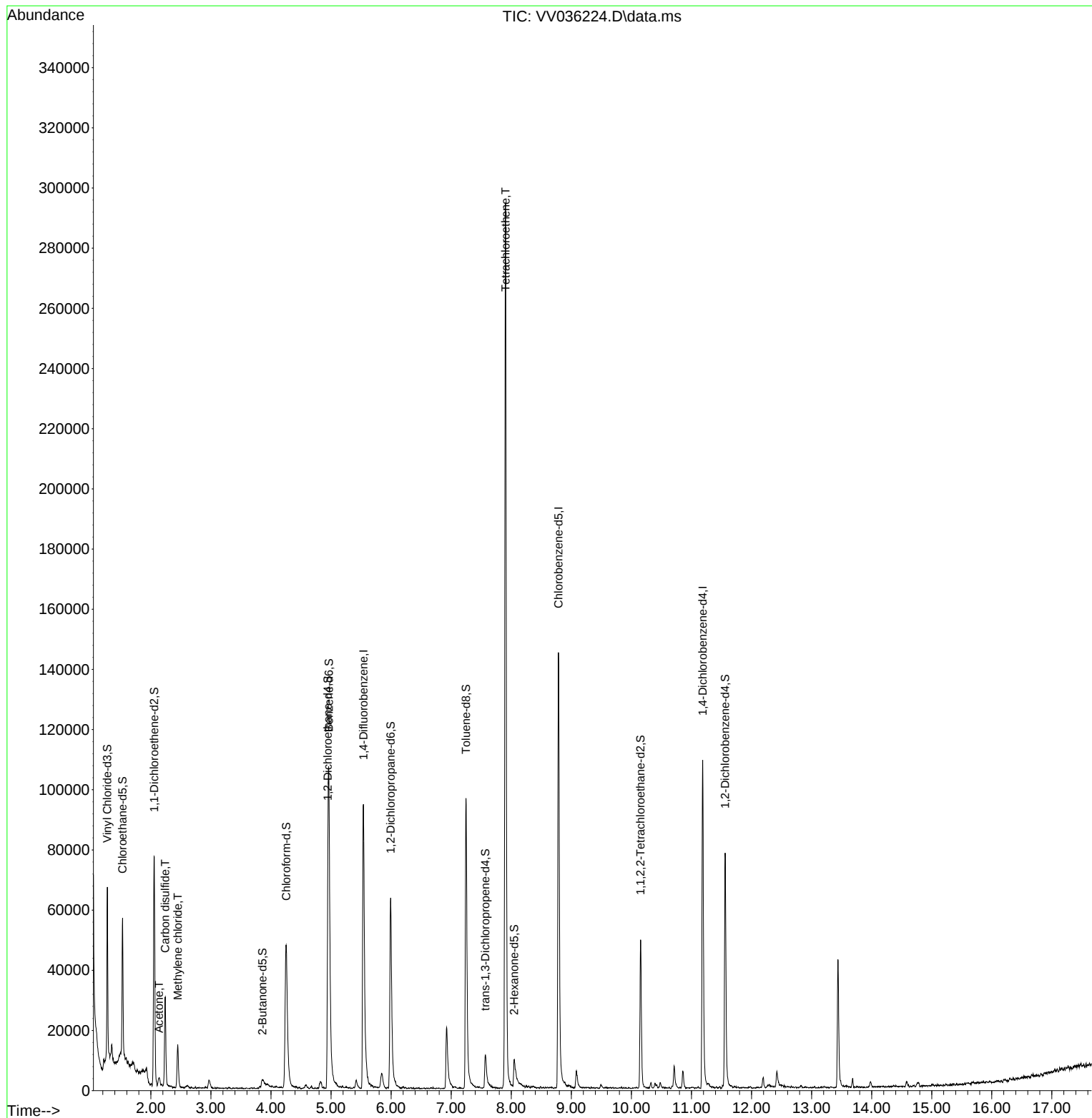
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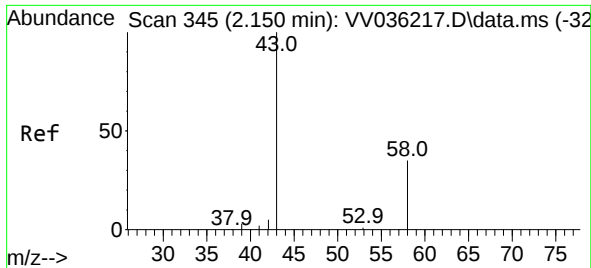
Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Jun 22 02:57:23 2024
Response via : Initial Calibration





#13

Acetone

Concen: 8.839 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.013 min

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Instrument :

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ClientSampleId :

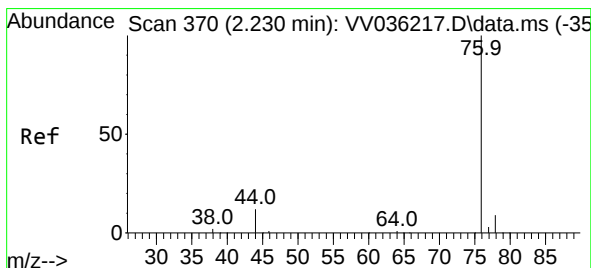
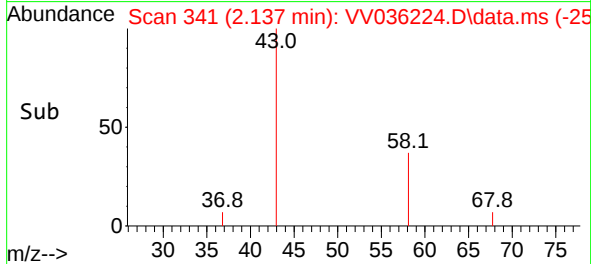
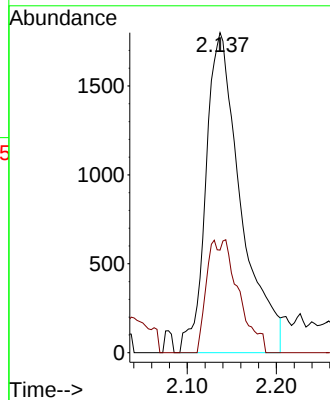
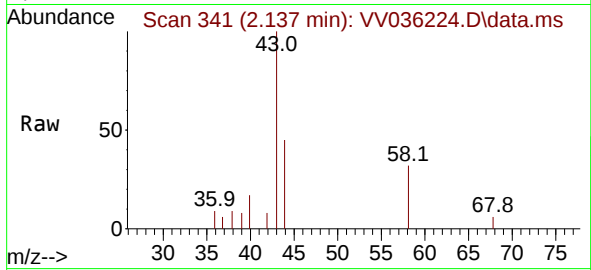
C0TA3

Tgt Ion: 43 Resp: 4910
 Ion Ratio Lower Upper
 43 100
 58 14.1 0.0 24.2

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#14

Carbon disulfide

Concen: 7.419 ug/L

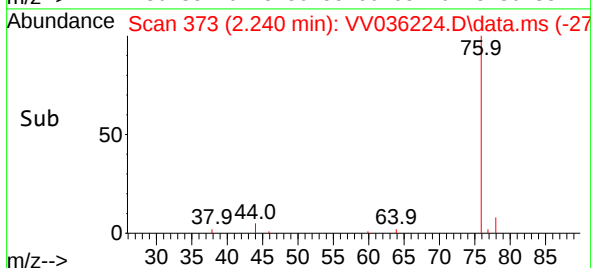
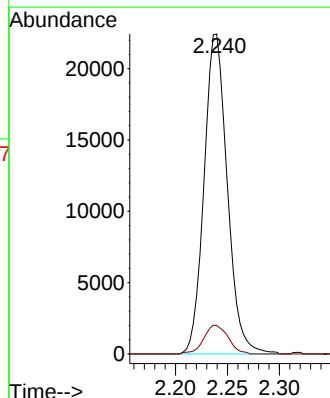
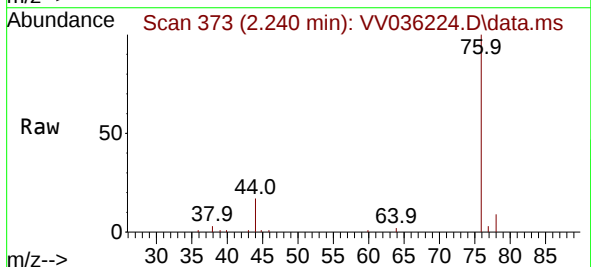
RT: 2.240 min Scan# 373

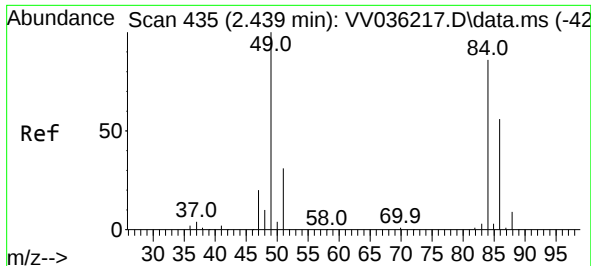
Delta R.T. 0.010 min

Lab File: VV036224.D

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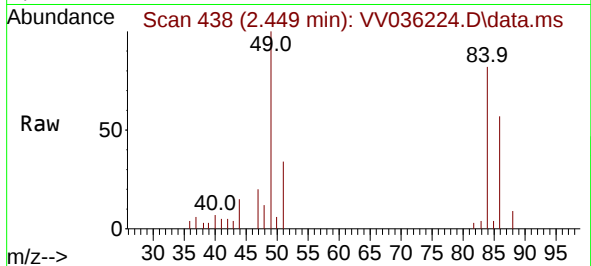
Tgt Ion: 76 Resp: 34876
 Ion Ratio Lower Upper
 76 100
 78 8.9 7.4 11.2





#16
Methylene chloride
Concen: 3.030 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.010 min
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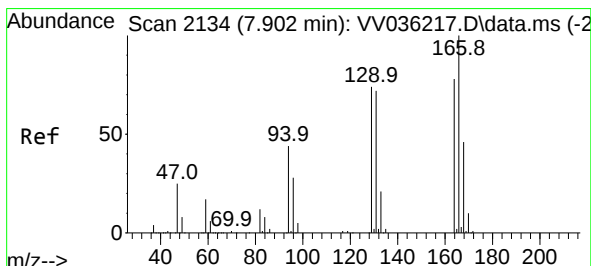
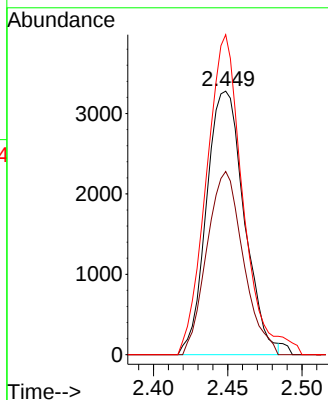
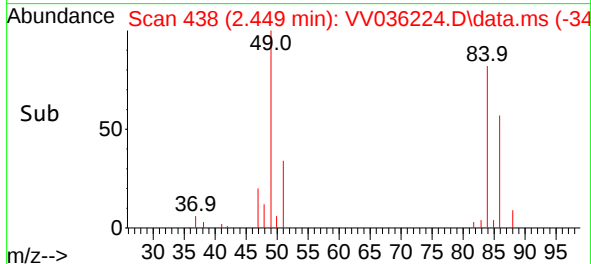
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Tgt Ion: 84 Resp: 579
Ion Ratio Lower Upper
84 100
86 69.5 44.6 82.8
49 121.4 81.1 150.5

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#46
Tetrachloroethene
Concen: 51.864 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036224.D
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Tgt Ion:164 Resp: 66432
Ion Ratio Lower Upper
164 100
129 94.3 64.6 120.0
131 90.7 63.2 117.4
166 126.7 89.5 166.3

