

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035693.D
 Acq On : 23 May 2024 11:08
 Operator : SY/MD
 Sample : P2568-01
 Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5Q4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:46:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	270301	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	184955	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84958	20.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.360%		
7) Chloroethane-d5	1.529	69	87109	25.845	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.400%		
11) 1,1-Dichloroethene-d2	2.053	65	36887	19.943	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	79.760%		
21) 2-Butanone-d5	3.870	46	34624m	29.203	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	58.400%		
24) Chloroform-d	4.246	84	222191	27.650	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.600%		
26) 1,2-Dichloroethane-d4	4.944	65	115231	29.006	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.040%		
32) Benzene-d6	4.956	84	324208	32.022	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	128.080%		
36) 1,2-Dichloropropane-d6	5.985	67	136337	43.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	174.560%#		
41) Toluene-d8	7.243	98	206334	22.899	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.600%		
43) trans-1,3-Dichloroprop...	7.564	79	20464	15.315	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	61.240%		
47) 2-Hexanone-d5	8.046	63	8994m	16.008	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.020%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	117841	39.140	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	156.560%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	42648	31.911	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	127.640%#		
Target Compounds						Qvalue
13) Acetone	2.159	43	29403m	16.941	ug/L	
15) Methyl Acetate	2.391	43	10285m	3.911	ug/L	
16) Methylene chloride	2.442	84	41237	6.616	ug/L	98

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

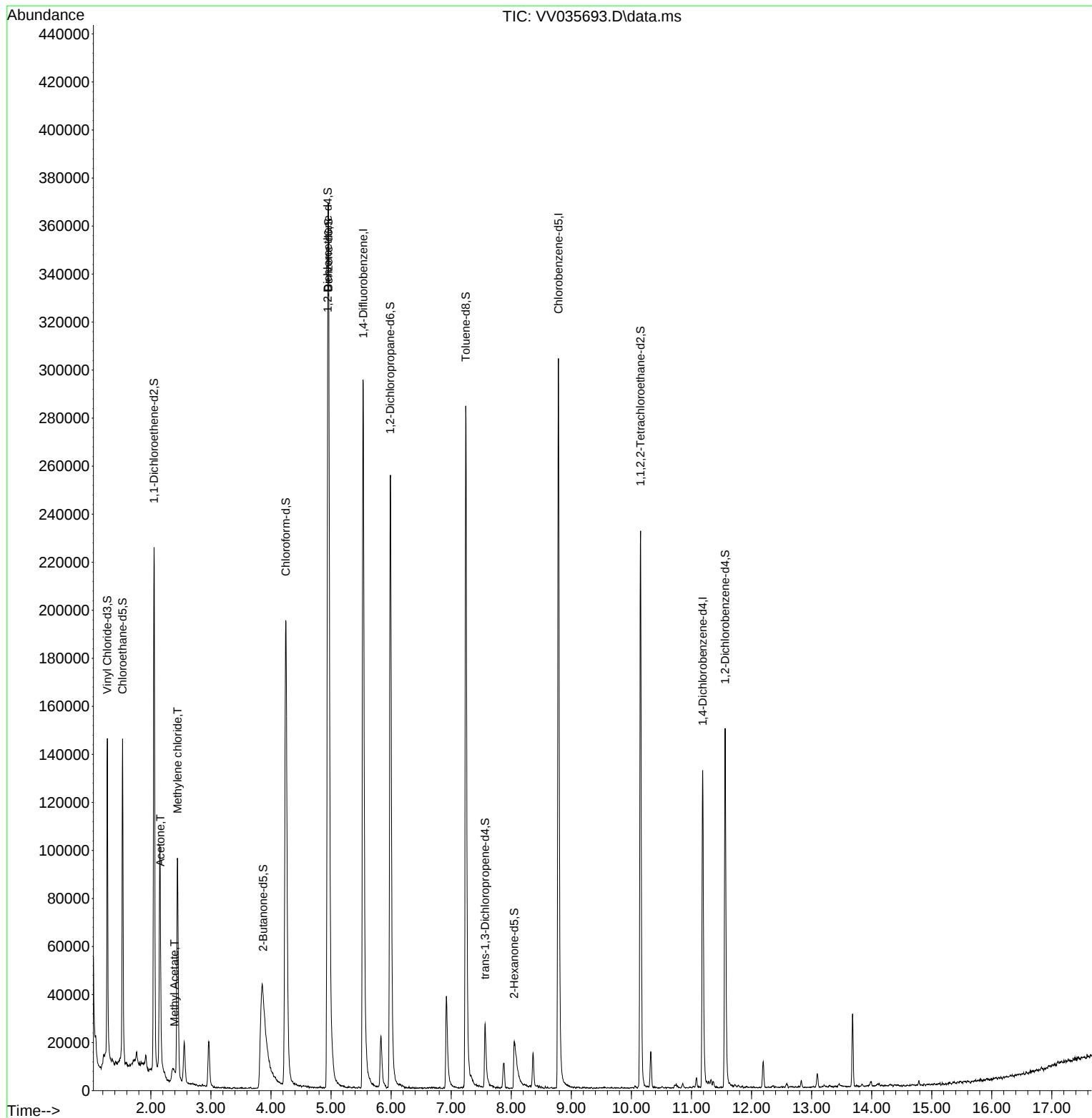
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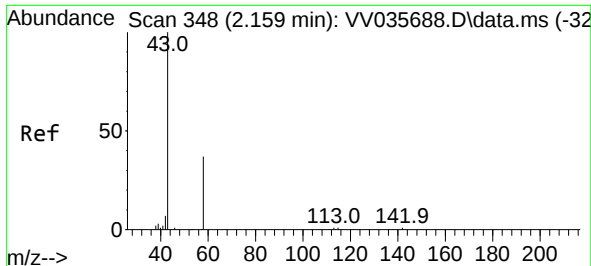
Instrument :
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Quant Title : VOC Analysis
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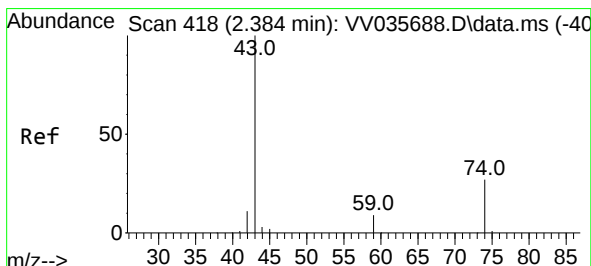
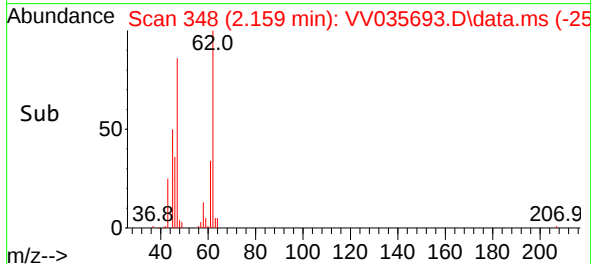
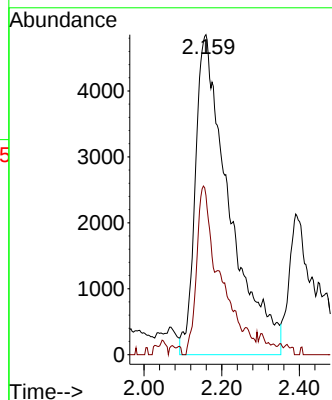
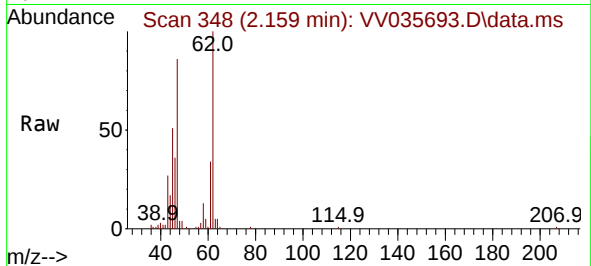
#13
Acetone
Concen: 16.941 ug/L m
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV035693.D
Acq: 23 May 2024 11:08

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 2940
Ion Ratio Lower Upper
43 100
58 0.1 0.0 22.8

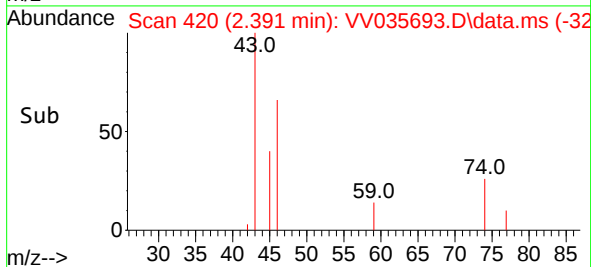
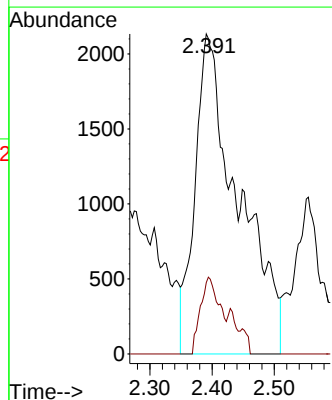
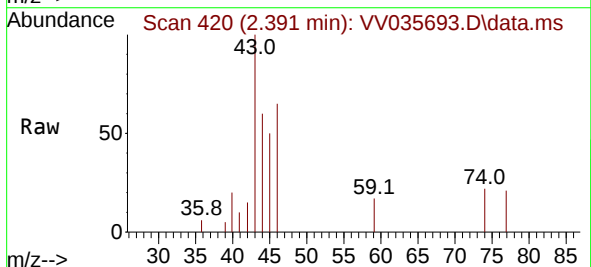
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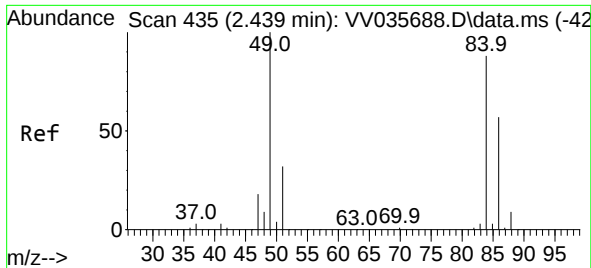
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#15
Methyl Acetate
Concen: 3.911 ug/L m
RT: 2.391 min Scan# 420
Delta R.T. 0.006 min
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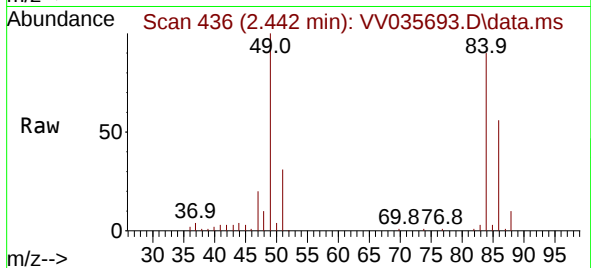
Tgt Ion: 43 Resp: 10285
Ion Ratio Lower Upper
43 100
74 10.7 18.6 27.8#





#16
Methylene chloride
Concen: 6.616 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
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Tgt Ion: 84 Resp: 4123
Ion Ratio Lower Upper
84 100
86 62.8 43.8 81.3
49 111.4 75.3 139.9

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