

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035987.D
 Acq On : 06 Jun 2024 15:05
 Operator : SY/MD
 Sample : P2754-02
 Misc : 4.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:20:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	701519	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	637803	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	246741	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	173178	13.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.720%		
7) Chloroethane-d5	1.526	69	160455	15.602	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.400%		
11) 1,1-Dichloroethene-d2	2.050	65	82615	14.389	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.560%		
21) 2-Butanone-d5	3.844	46	85706m	28.963	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.920%		
24) Chloroform-d	4.243	84	388057	17.399	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.600%		
26) 1,2-Dichloroethane-d4	4.941	65	192598	16.471	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	65.880%#		
32) Benzene-d6	4.957	84	705439	18.607	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	74.440%		
36) 1,2-Dichloropropane-d6	5.986	67	238772	19.999	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.000%		
41) Toluene-d8	7.240	98	553912	16.559	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	66.240%		
43) trans-1,3-Dichloroprop...	7.555	79	77622	15.856	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.440%		
47) 2-Hexanone-d5	8.034	63	50060	30.948	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	61.900%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	166188	18.628	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	74.520%		
66) 1,2-Dichlorobenzene-d4	11.558	152	159747	17.655	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	70.600%#		
Target Compounds					Qvalue	
13) Acetone	2.156	43	64926	14.085	ug/L #	45
16) Methylene chloride	2.442	84	49075	3.092	ug/L	97
22) 2-Butanone	3.941	43	25361m	6.484	ug/L	
46) Tetrachloroethene	7.908	164	12679	1.356	ug/L	98

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

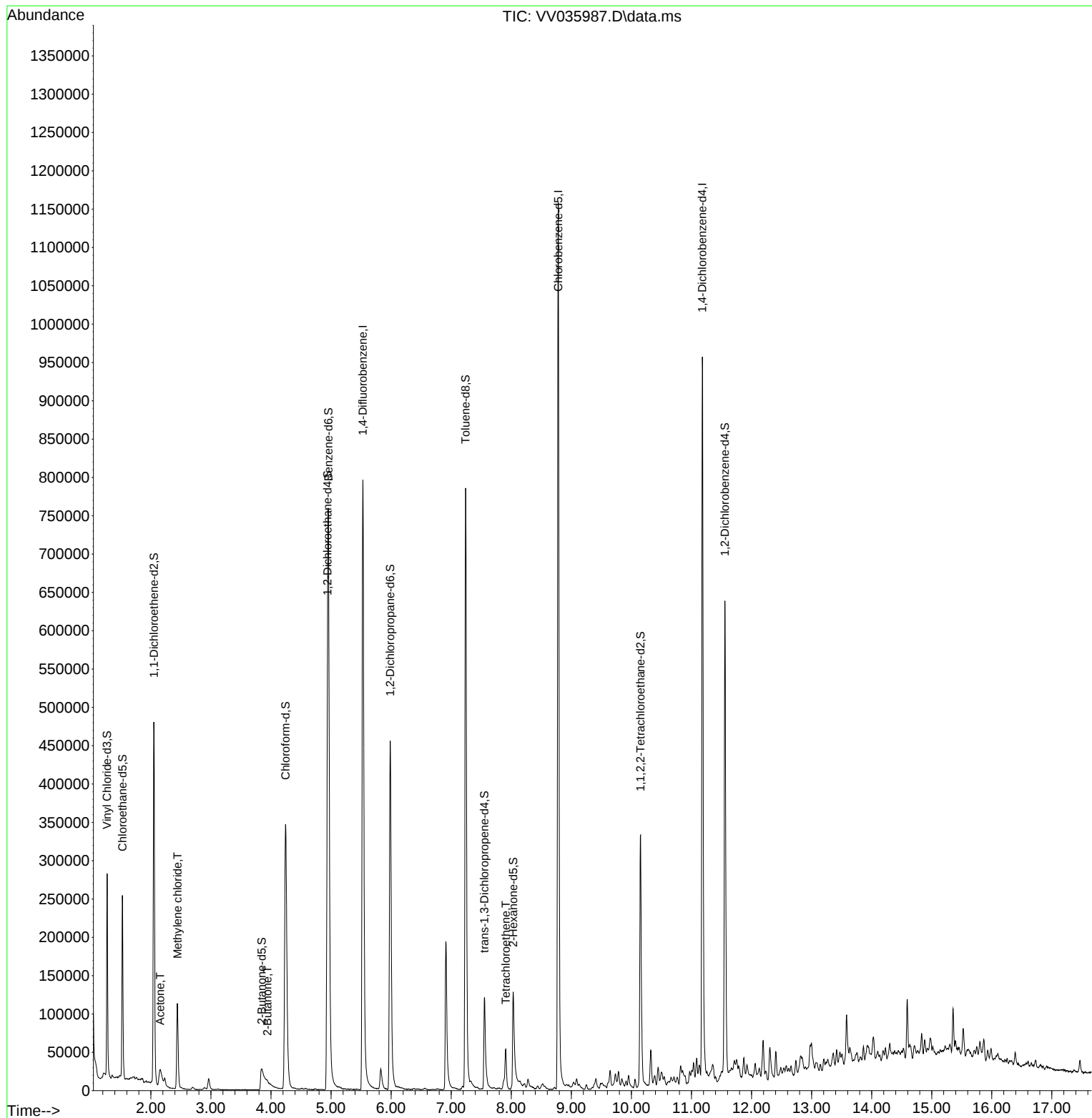
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
Data File : VV035987.D
Acq On : 06 Jun 2024 15:05
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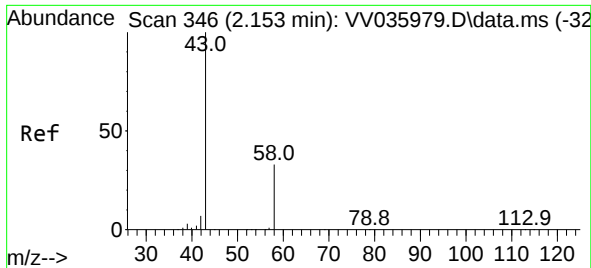
Instrument :
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Quant Time: Jun 07 02:20:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 02:16:44 2024
Response via : Initial Calibration





#13

Acetone

Concen: 14.085 ug/L

RT: 2.156 min Scan# 346

Delta R.T. 0.003 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

Instrument :

MSVOA_V

ClientSampleId :

A4BP3

Tgt Ion: 43 Resp: 64920

Ion Ratio Lower Upper

43 100

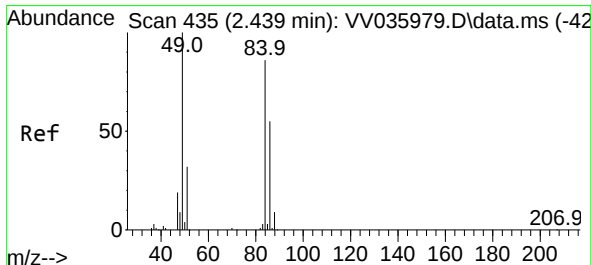
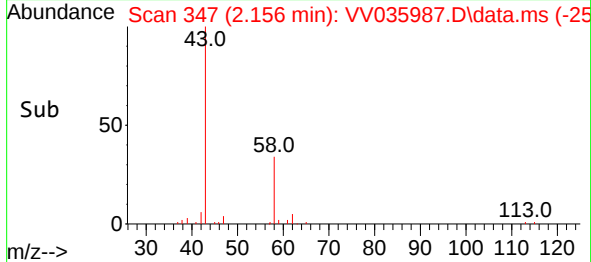
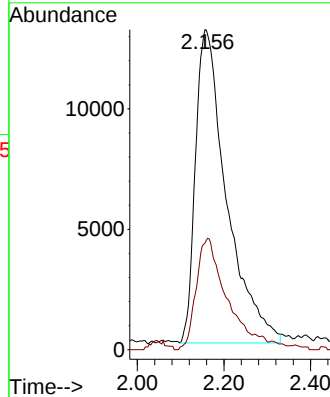
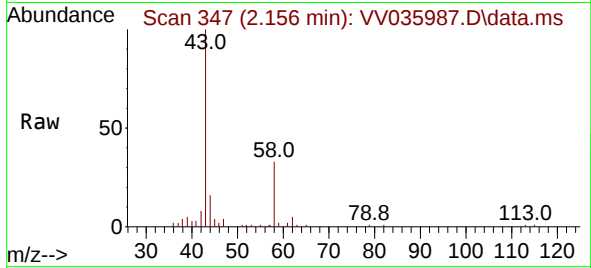
58 33.4 0.0 24.2

Manual Integrations

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#16

Methylene chloride

Concen: 3.092 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV035987.D

Acq: 06 Jun 2024 15:05

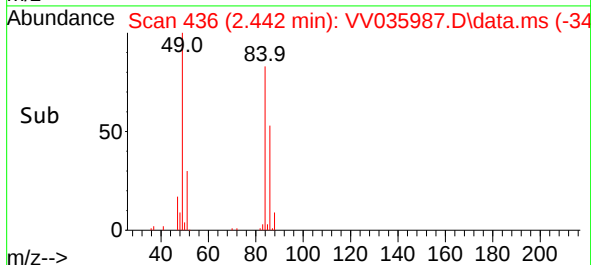
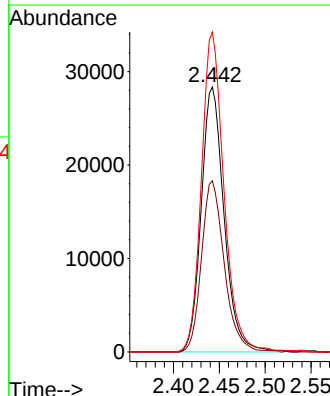
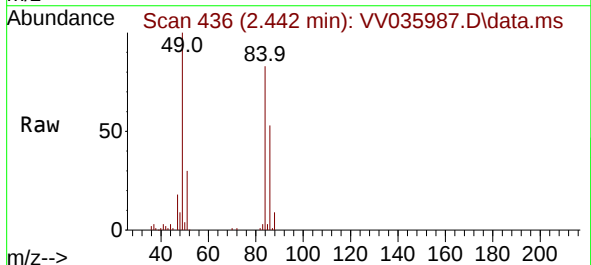
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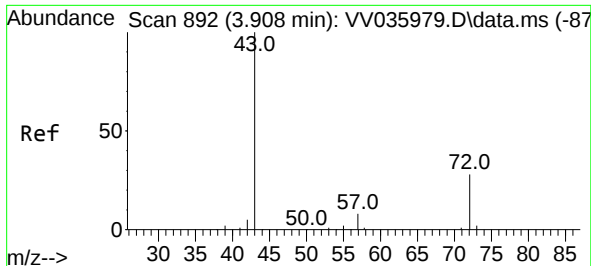
Ion Ratio Lower Upper

84 100

86 64.6 44.6 82.8

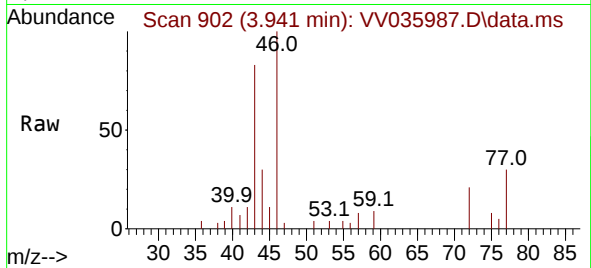
49 120.7 81.1 150.5





#22
2-Butanone
Concen: 6.484 ug/L m
RT: 3.941 min Scan# 902
Delta R.T. 0.032 min
Lab File: VV035987.D
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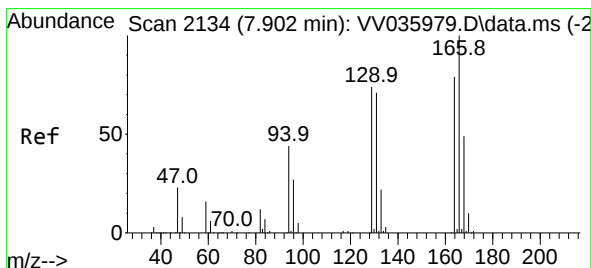
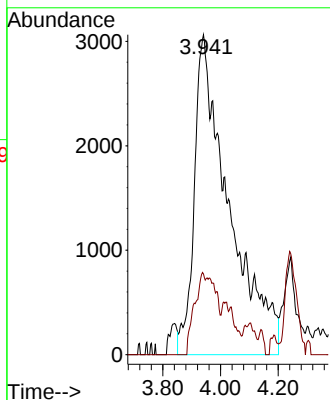
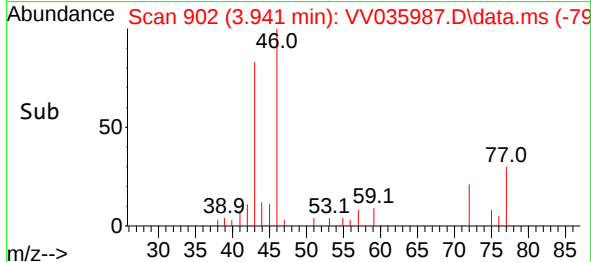
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Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
72 8.0 8.2 24.4

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#46
Tetrachloroethene
Concen: 1.356 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.007 min
Lab File: VV035987.D
Acq: 06 Jun 2024 15:05

Tgt Ion:164 Resp: 12679
Ion Ratio Lower Upper
164 100
129 94.1 64.6 120.0
131 90.0 63.2 117.4
166 131.2 89.5 166.3

