

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036534.D
 Acq On : 15 Jul 2024 17:43
 Operator : SY/MD
 Sample : P3215-23
 Misc : 5.58g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CJ8

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/16/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 16 01:30:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	532597	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	492604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179414	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	154186	20.207	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.840%		
7) Chloroethane-d5	1.523	69	130082	19.499	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.000%		
11) 1,1-Dichloroethene-d2	2.047	65	71393	18.220	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.880%		
21) 2-Butanone-d5	3.828	46	32920m	25.207	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	50.420%		
24) Chloroform-d	4.243	84	262332	16.922	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	67.680%		
26) 1,2-Dichloroethane-d4	4.937	65	132426	17.223	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	68.880%#		
32) Benzene-d6	4.953	84	492435	20.038	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.160%		
36) 1,2-Dichloropropane-d6	5.985	67	143683	19.618	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	78.480%		
41) Toluene-d8	7.239	98	419781	18.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.040%		
43) trans-1,3-Dichloroprop...	7.554	79	49039	16.104	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	64.400%		
47) 2-Hexanone-d5	8.030	63	23313	28.659	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.320%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	99866	16.190	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	64.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	120416	19.777	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.120%		
Target Compounds					Qvalue	
13) Acetone	2.140	43	22463m	12.166	ug/L	
14) Carbon disulfide	2.230	76	27496	1.556	ug/L	100
16) Methylene chloride	2.439	84	49205	4.494	ug/L	97

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

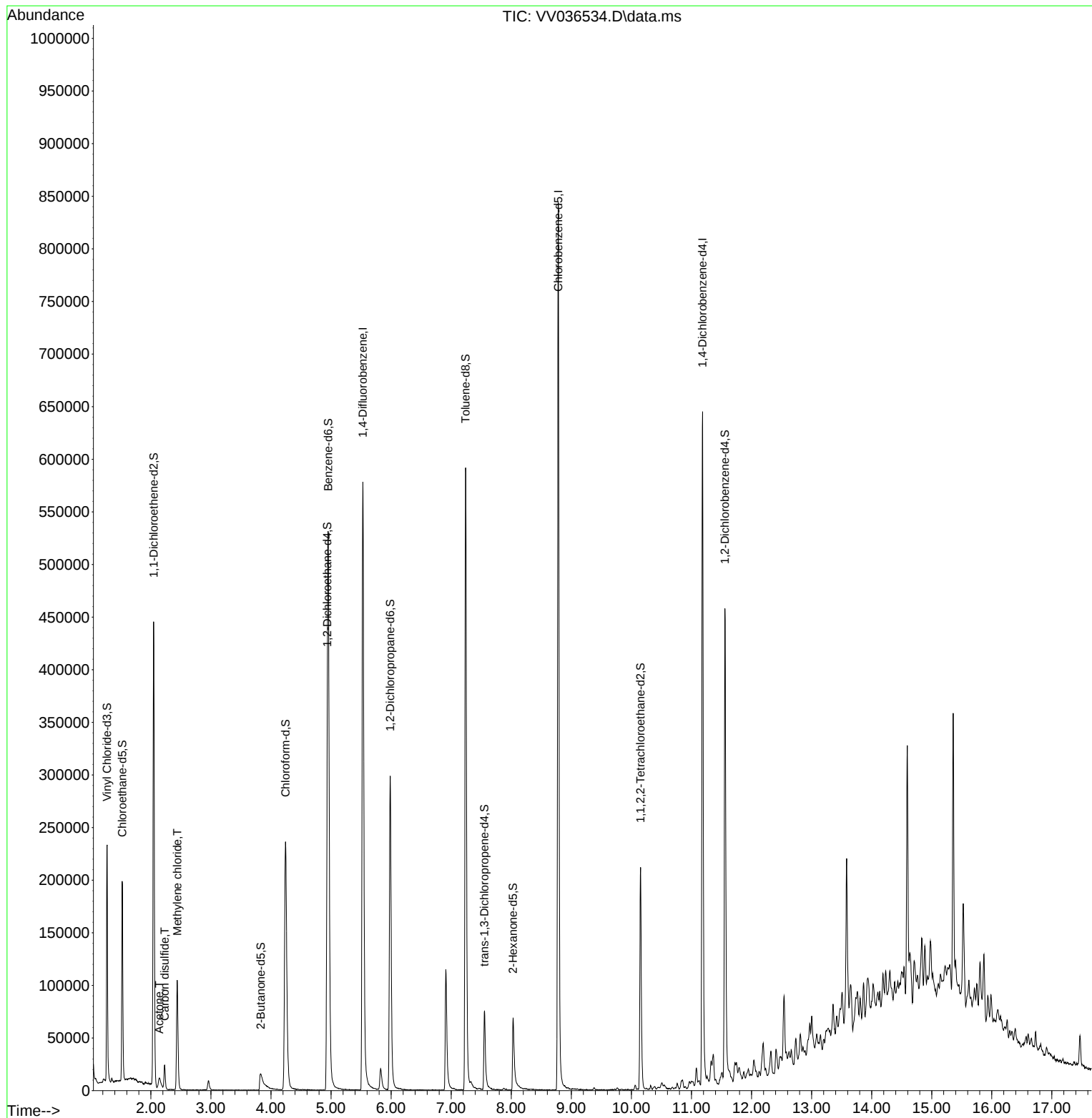
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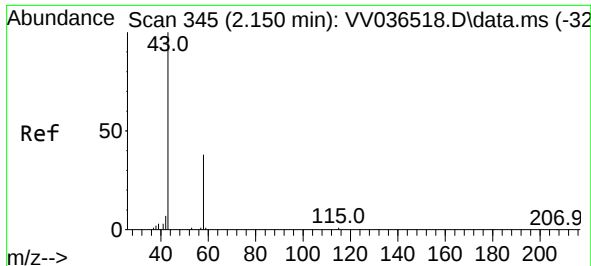
Instrument :
MSVOA_V
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Quant Time: Jul 16 01:30:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
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QLast Update : Tue Jul 16 01:25:30 2024
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#13

Acetone

Concen: 12.166 ug/L m

RT: 2.140 min Scan# 34

Delta R.T. -0.010 min

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ClientSampleId :

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Tgt Ion: 43 Resp: 2246

Ion Ratio Lower Upper

43 100

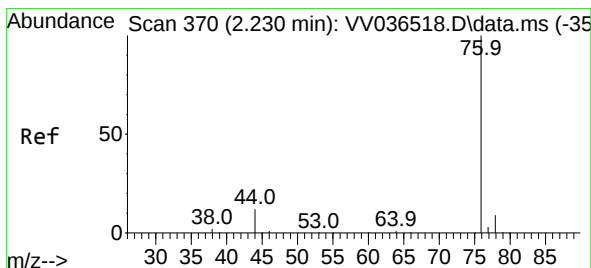
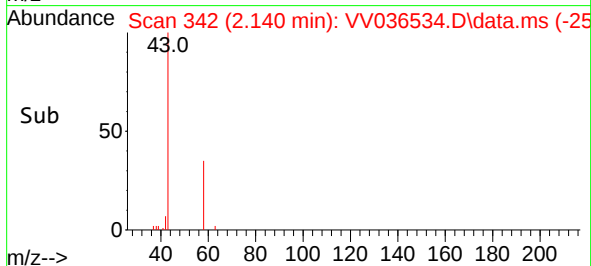
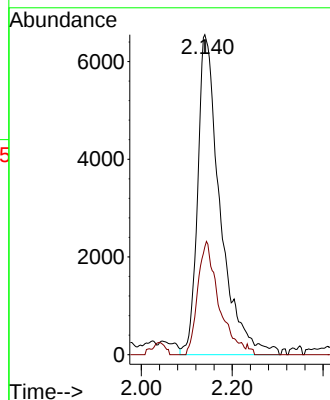
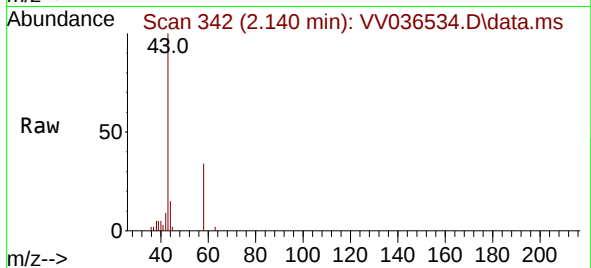
58 0.1 0.0 28.4

Manual Integrations

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#14

Carbon disulfide

Concen: 1.556 ug/L

RT: 2.230 min Scan# 370

Delta R.T. -0.000 min

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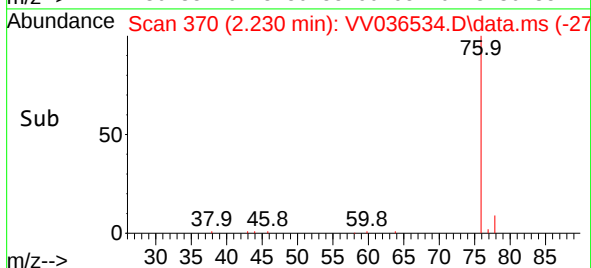
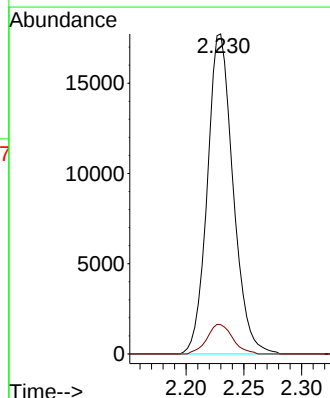
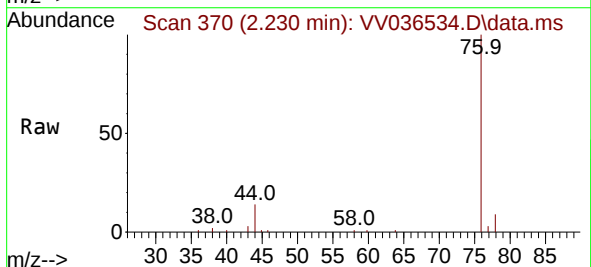
Acq: 15 Jul 2024 17:43

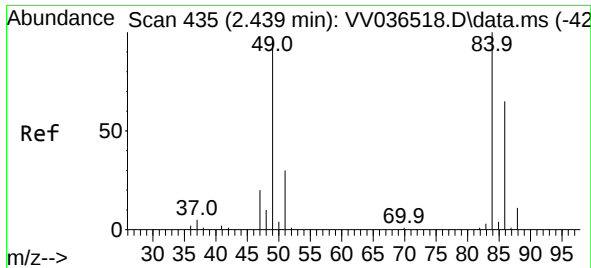
Tgt Ion: 76 Resp: 27496

Ion Ratio Lower Upper

76 100

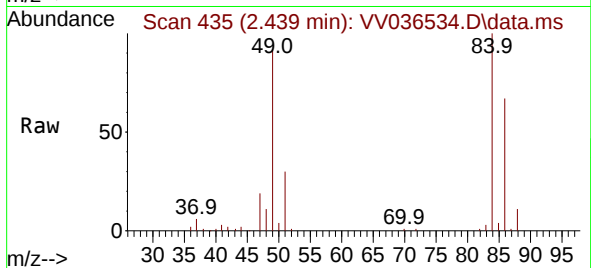
78 9.2 7.4 11.2





#16
Methylene chloride
Concen: 4.494 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
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Tgt Ion: 84 Resp: 4920
Ion Ratio Lower Upper
84 100
86 66.8 46.3 86.1
49 92.3 68.1 126.5

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