

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071624\
 Data File : VW036571.D
 Acq On : 16 Jul 2024 16:49
 Operator : SY/MD
 Sample : P3238-13
 Misc : 5.52g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BF9

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 02:29:28 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	321557	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	221881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	106547	23.128	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.520%		
7) Chloroethane-d5	1.526	69	96862	24.048	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.200%		
11) 1,1-Dichloroethene-d2	2.047	65	45415	19.197	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.800%		
21) 2-Butanone-d5	3.841	46	14613m	18.533	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	37.060%		
24) Chloroform-d	4.243	84	183269	19.580	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.320%		
26) 1,2-Dichloroethane-d4	4.937	65	102966	22.180	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.720%		
32) Benzene-d6	4.953	84	325557	29.411	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	117.640%		
36) 1,2-Dichloropropane-d6	5.986	67	103863	31.484	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	125.920%#		
41) Toluene-d8	7.243	98	210128	20.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.280%		
43) trans-1,3-Dichloroprop...	7.564	79	12707	9.264	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	37.040%		
47) 2-Hexanone-d5	8.037	63	8460	23.090	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	46.180%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	66333	23.875	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.480%		
66) 1,2-Dichlorobenzene-d4	11.561	152	33493	22.637	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.560%		
Target Compounds					Qvalue	
13) Acetone	2.140	43	36785m	32.998	ug/L	
16) Methylene chloride	2.439	84	49463	7.482	ug/L	96
22) 2-Butanone	3.899	43	18731m	20.014	ug/L	

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

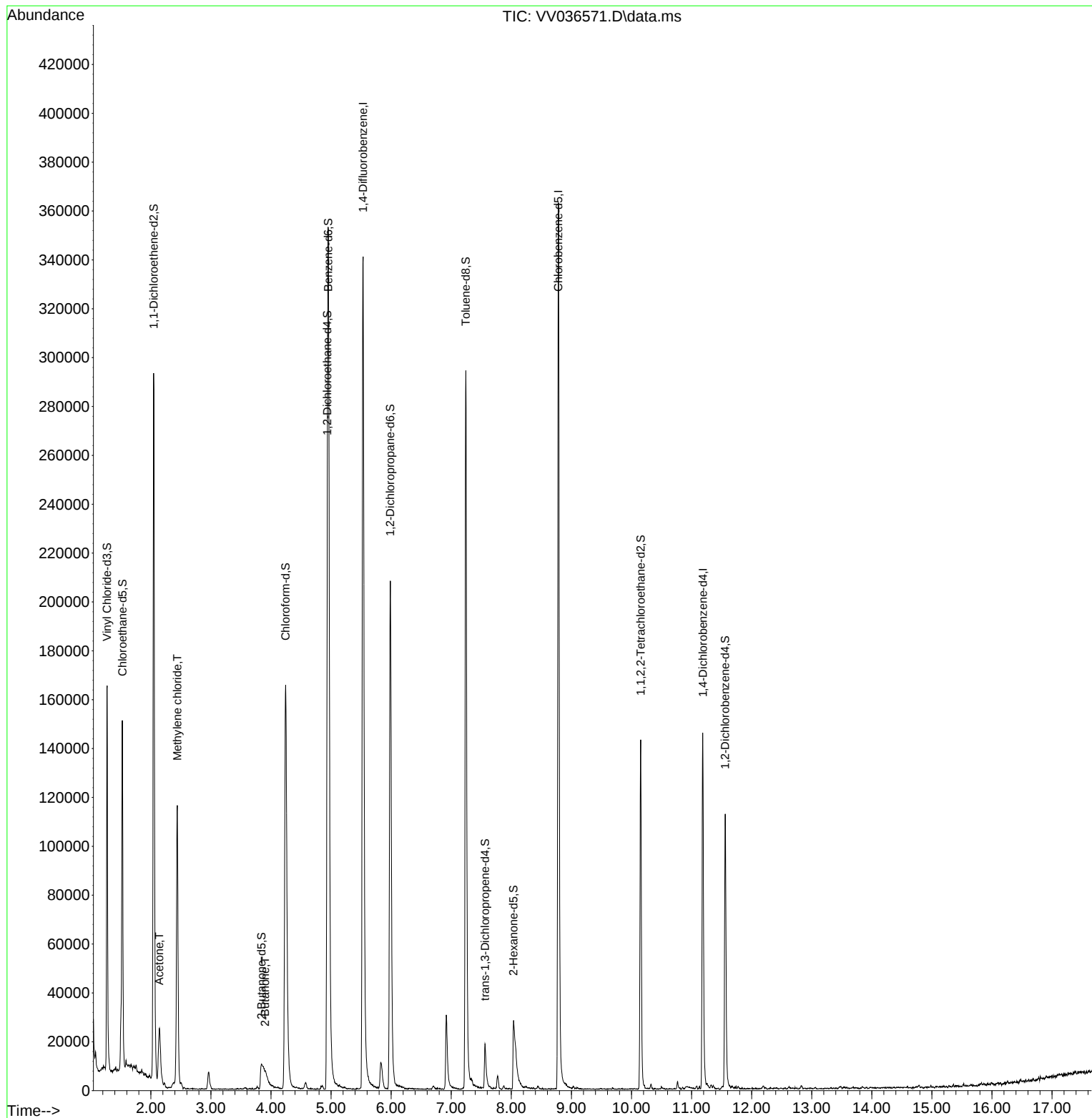
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
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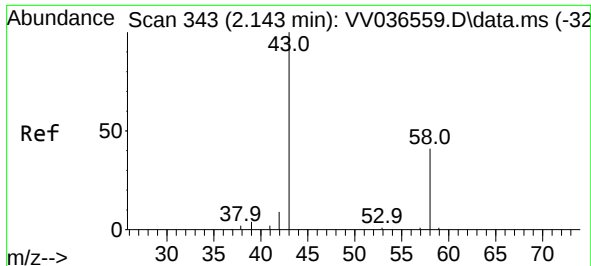
Instrument :
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#13

Acetone

Concen: 32.998 ug/L m

RT: 2.140 min Scan# 343

Delta R.T. -0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

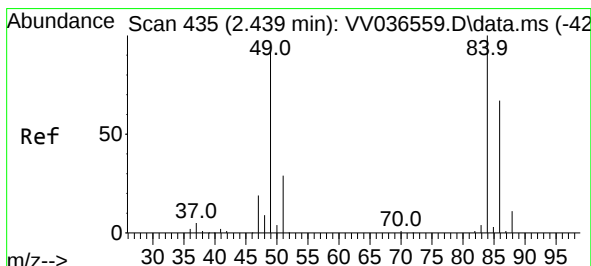
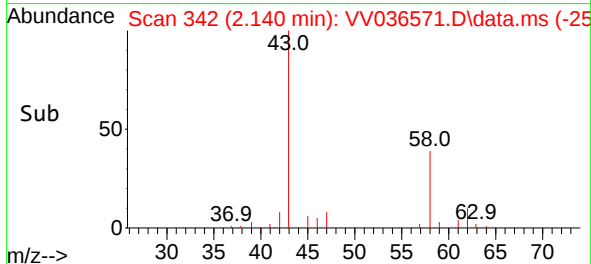
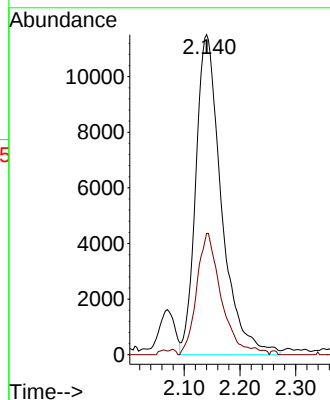
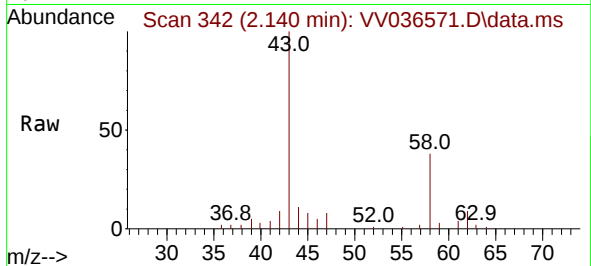
A4BF9

Tgt Ion: 43 Resp: 36785
 Ion Ratio Lower Upper
 43 100
 58 0.4 0.0 28.4

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#16

Methylene chloride

Concen: 7.482 ug/L

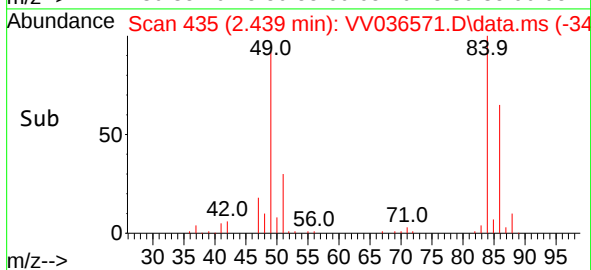
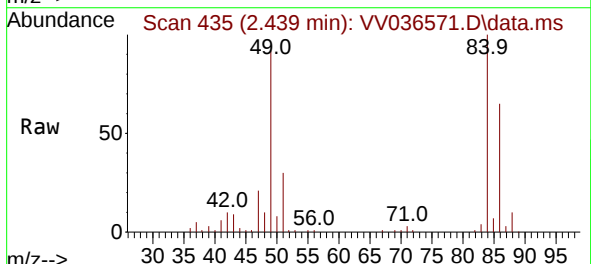
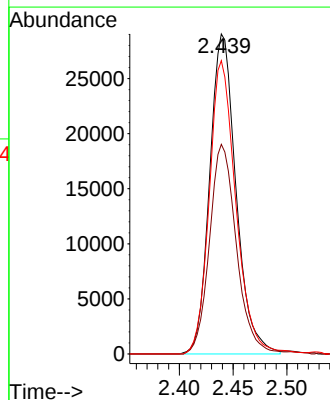
RT: 2.439 min Scan# 435

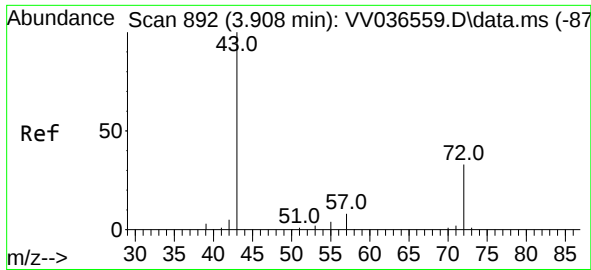
Delta R.T. 0.000 min

Lab File: VV036571.D

Acq: 16 Jul 2024 16:49

Tgt Ion: 84 Resp: 49463
 Ion Ratio Lower Upper
 84 100
 86 65.5 46.3 86.1
 49 91.7 68.1 126.5





#22

2-Butanone

Concen: 20.014 ug/L m

RT: 3.899 min Scan# 89

Delta R.T. -0.010 min

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Tgt Ion: 43 Resp: 1873

Ion Ratio Lower Upper

43 100

72 1.9 5.9 17.6

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