

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036716.D
 Acq On : 25 Jul 2024 18:42
 Operator : SY/MD
 Sample : P3328-13
 Misc : 10.76g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20L6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:03:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 00:49:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	351733	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	253992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	56589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	45997	11.940	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.760%		
7) Chloroethane-d5	1.526	69	57199	16.439	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.760%		
11) 1,1-Dichloroethene-d2	2.050	65	23662	11.616	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.480%		
21) 2-Butanone-d5	3.841	46	65472m	72.824	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	145.640%#		
24) Chloroform-d	4.243	84	168846	18.151	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.600%		
26) 1,2-Dichloroethane-d4	4.941	65	90542	19.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.920%		
32) Benzene-d6	4.953	84	228421	18.975	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	75.920%		
36) 1,2-Dichloropropane-d6	5.986	67	83595	24.372	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.480%		
41) Toluene-d8	7.243	98	152026	13.234	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	52.920%		
43) trans-1,3-Dichloroprop...	7.558	79	28807	18.893	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.560%		
47) 2-Hexanone-d5	8.030	63	34265	75.065	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	150.140%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	79469	26.583	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	106.320%		
66) 1,2-Dichlorobenzene-d4	11.561	152	39297	19.893	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.560%		
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	4704	0.829	ug/L	88
16) Methylene chloride	2.439	84	80351	12.278	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	19785	3.457	ug/L	95
25) Chloroform	4.275	83	5522	0.532	ug/L	81
34) Trichloroethene	5.838	95	19213	4.070	ug/L	97

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

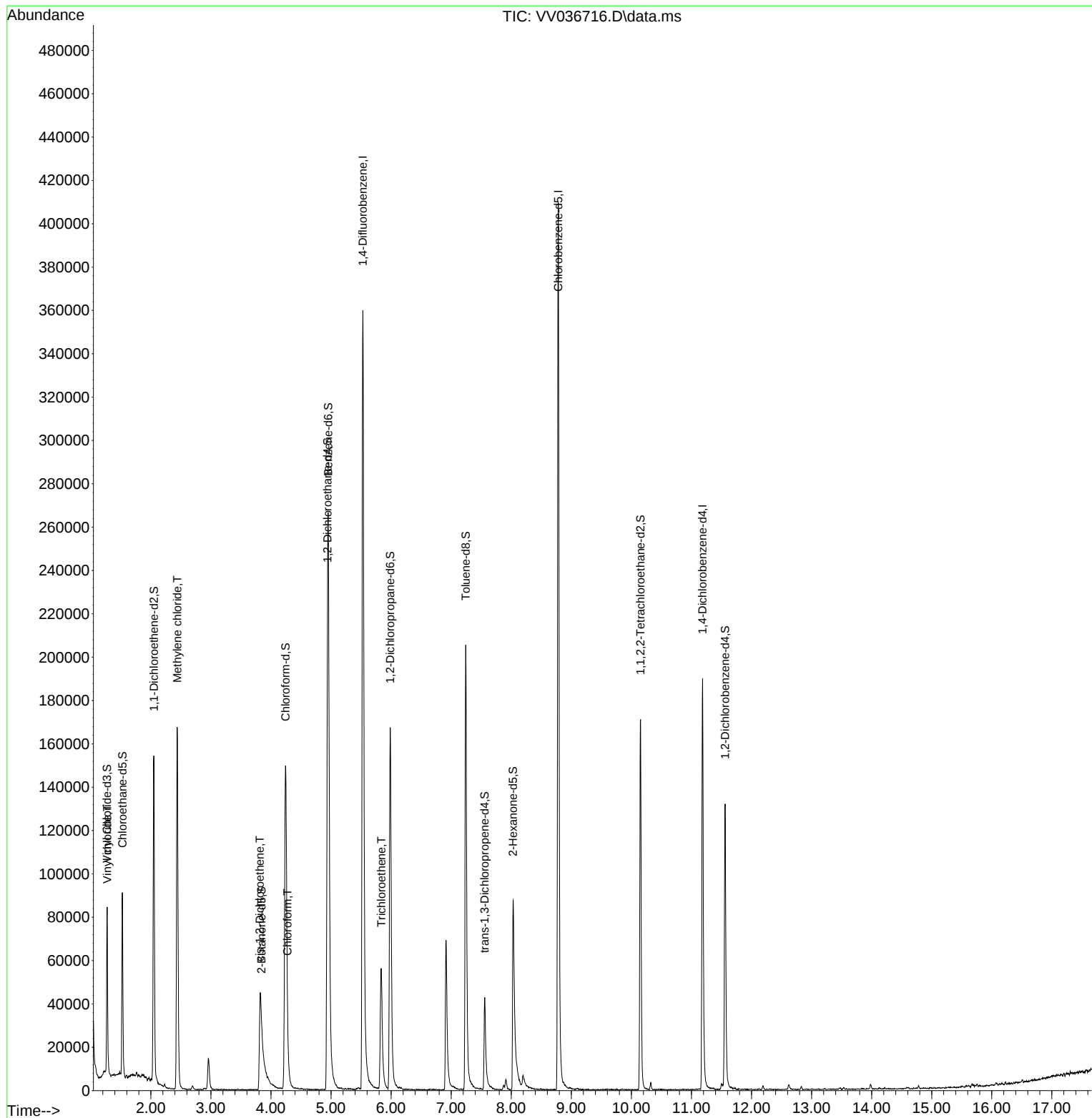
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036716.D
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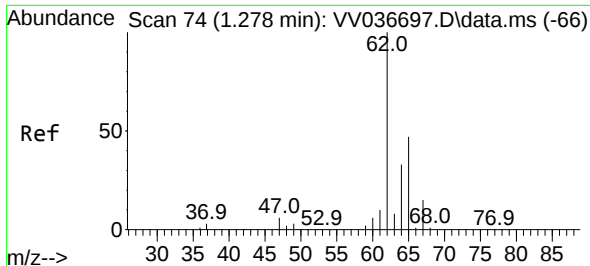
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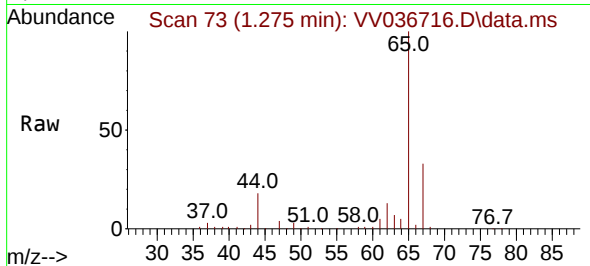
Quant Time: Jul 26 05:03:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 00:49:57 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.829 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV036716.D
 Acq: 25 Jul 2024 18:42

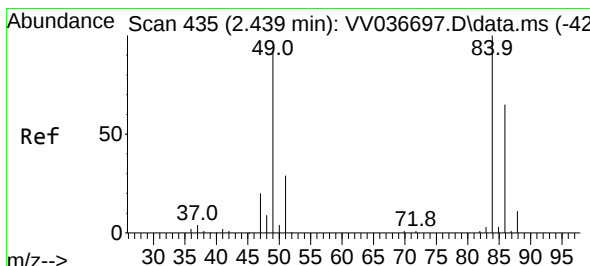
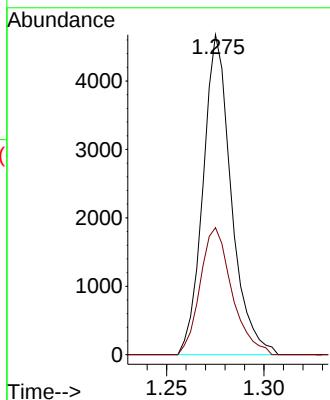
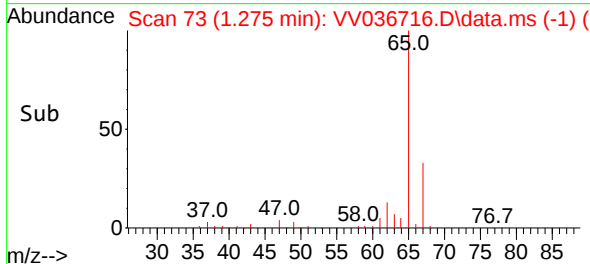
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Tgt Ion: 62 Resp: 4704
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.1 42.9

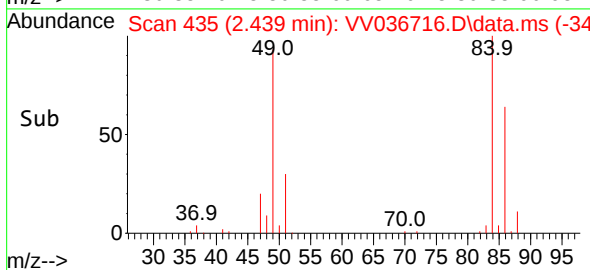
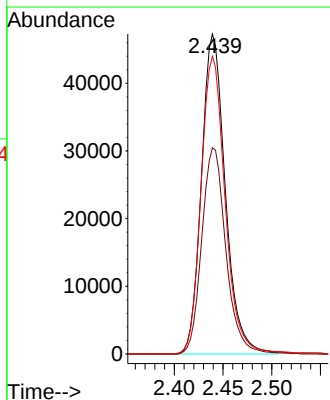
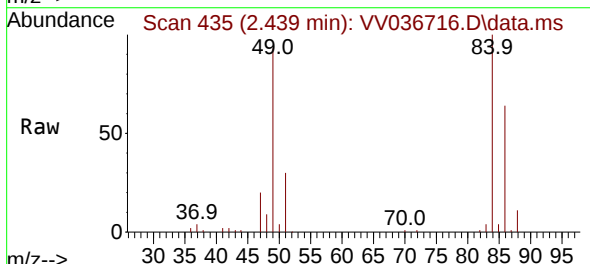
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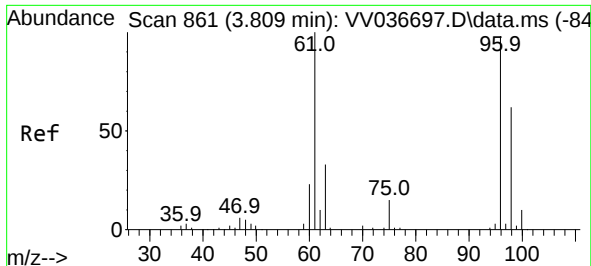
Reviewed By :Romaben Patel 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024



#16
 Methylene chloride
 Concen: 12.278 ug/L
 RT: 2.439 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: VV036716.D
 Acq: 25 Jul 2024 18:42

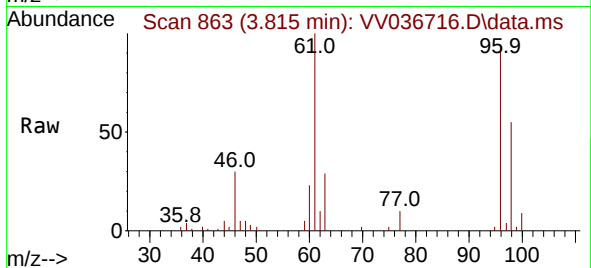
Tgt Ion: 84 Resp: 80351
 Ion Ratio Lower Upper
 84 100
 86 64.4 47.2 87.6
 49 93.1 67.3 125.1





#20
cis-1,2-Dichloroethene
Concen: 3.457 ug/L
RT: 3.815 min Scan# 80
Delta R.T. 0.010 min
Lab File: VV036716.D
Acq: 25 Jul 2024 18:42

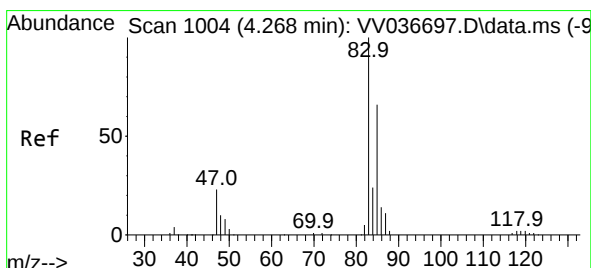
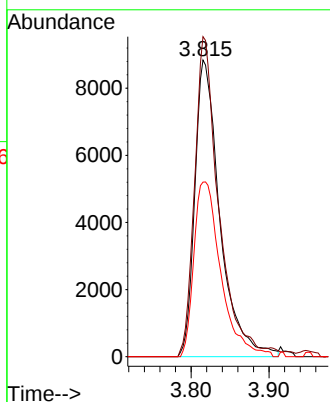
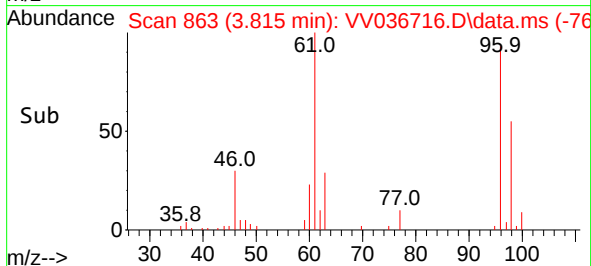
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Tgt Ion: 96 Resp: 1978
Ion Ratio Lower Upper
96 100
61 107.9 73.0 135.6
98 58.9 44.8 83.2

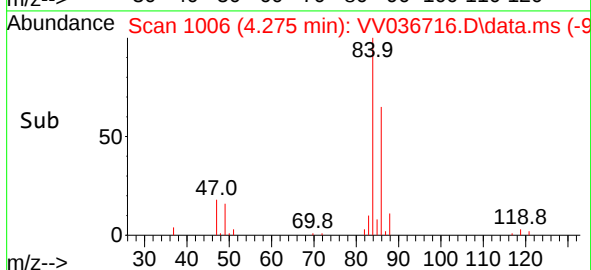
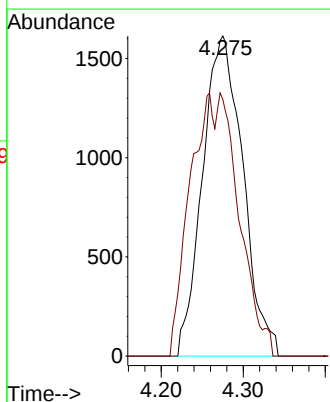
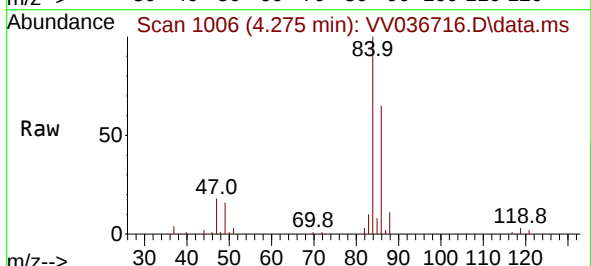
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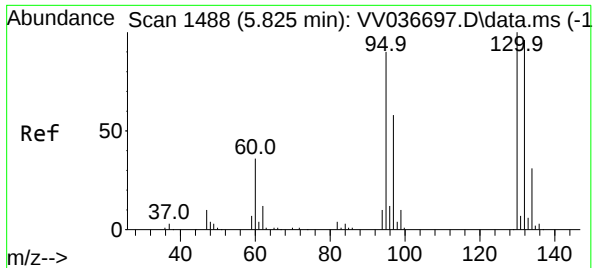
Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#25
Chloroform
Concen: 0.532 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV036716.D
Acq: 25 Jul 2024 18:42

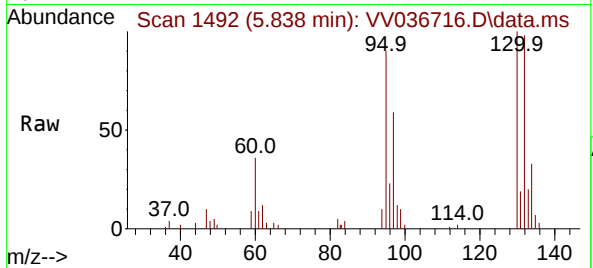
Tgt Ion: 83 Resp: 5522
Ion Ratio Lower Upper
83 100
85 80.2 45.6 84.6





#34
 Trichloroethene
 Concen: 4.070 ug/L
 RT: 5.838 min Scan# 1488
 Delta R.T. 0.013 min
 Lab File: VV036716.D
 Acq: 25 Jul 2024 18:42

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Tgt Ion: 95 Resp: 1921

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.1	83.7
132	109.4	72.7	134.9
130	111.1	76.0	141.2

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