

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053906.D
 Acq On : 26 Apr 2023 12:08
 Operator : JC/MD
 Sample : 02433-21DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE56DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/27/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 27 05:54:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	136650	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130184	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	34113	4.098	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.000%		
7) Chloroethane-d5	1.916	69	31086	4.450	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	89.000%		
11) 1,1-Dichloroethene-d2	2.565	65	15041	4.391	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	87.800%		
20) 2-Butanone-d5	4.629	46	78773	51.672	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.340%		
24) Chloroform-d	5.060	84	73935	4.714	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.200%		
26) 1,2-Dichloroethane-d4	5.697	65	35451	4.891	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	97.800%		
32) Benzene-d6	5.723	84	144868	4.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.400%		
36) 1,2-Dichloropropane-d6	6.684	67	45809	4.937	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.800%		
41) Toluene-d8	7.893	98	131548	4.596	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.000%		
43) trans-1,3-Dichloroprop...	8.176	79	16718	4.582	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.600%		
46) 2-Hexanone-d5	8.629	63	65541	50.755	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	101.500%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34818	4.644	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.800%		
66) 1,2-Dichlorobenzene-d4	12.188	152	45704	4.491	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.800%		
Target Compounds						
16) Methylene chloride	3.047	84	9110	0.777	ug/L	95
22) cis-1,2-Dichloroethene	4.658	96	2700m	0.276	ug/L	
34) Trichloroethene	6.539	95	3861	0.386	ug/L	92
47) Tetrachloroethene	8.549	164	46155	5.824	ug/L	99

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

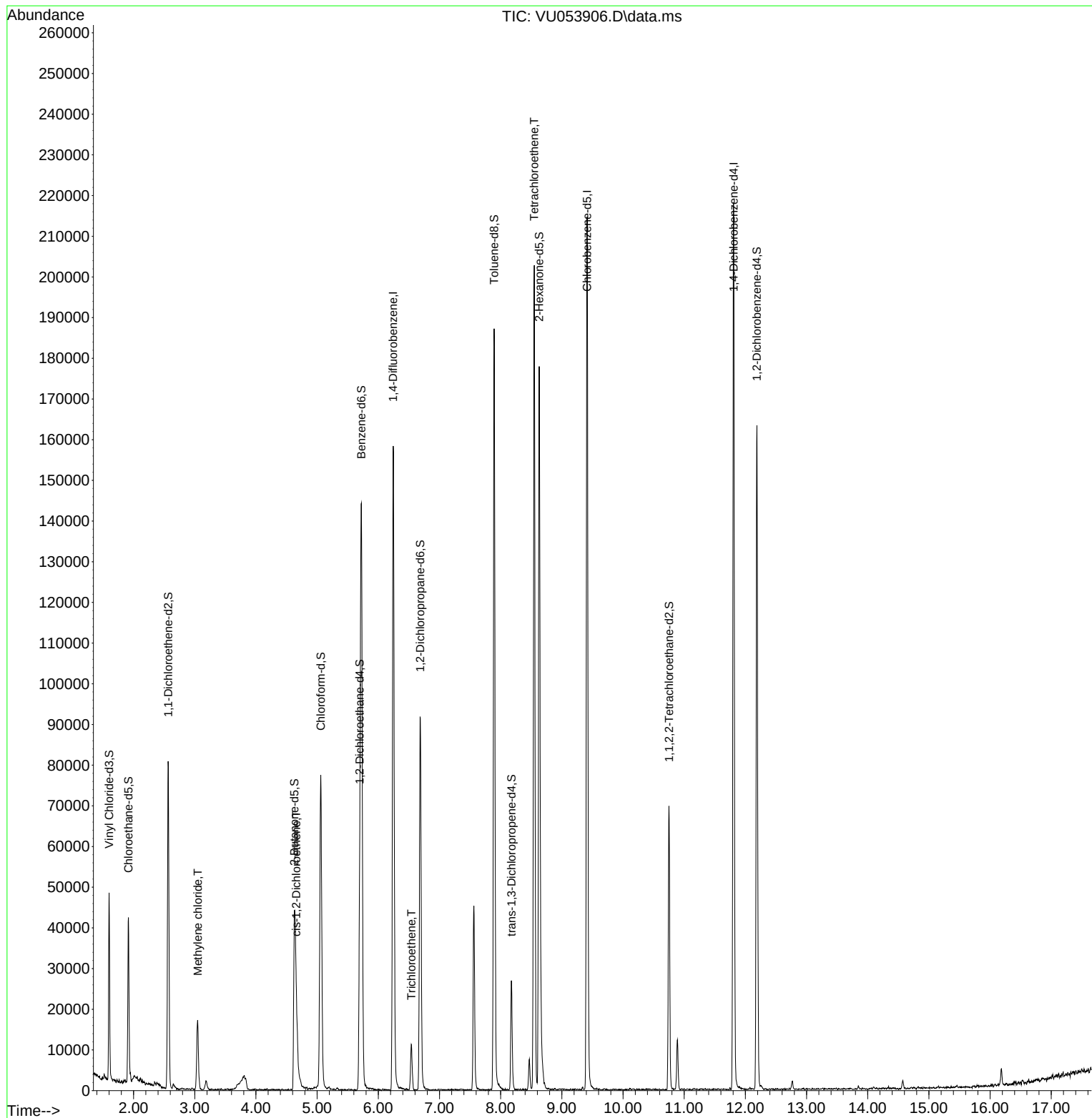
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
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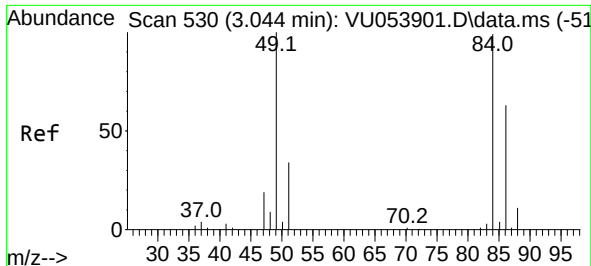
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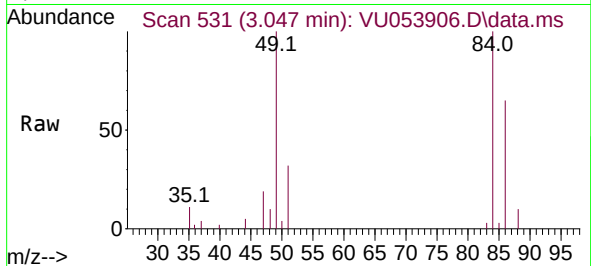
Reviewed By :Krupa Patel 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023





#16
Methylene chloride
Concen: 0.777 ug/L
RT: 3.047 min Scan# 5110
Delta R.T. 0.003 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08

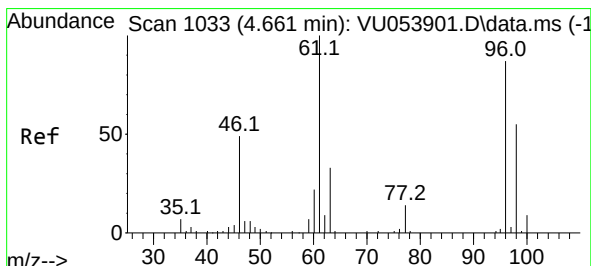
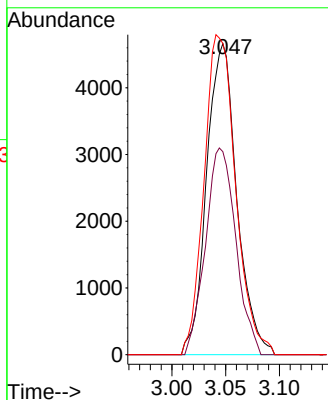
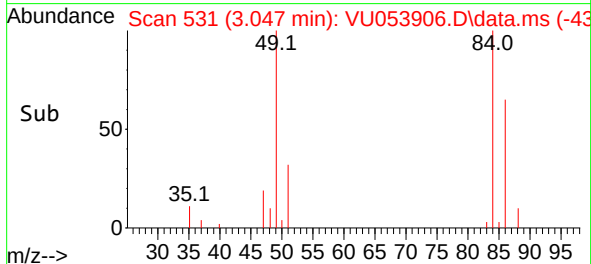
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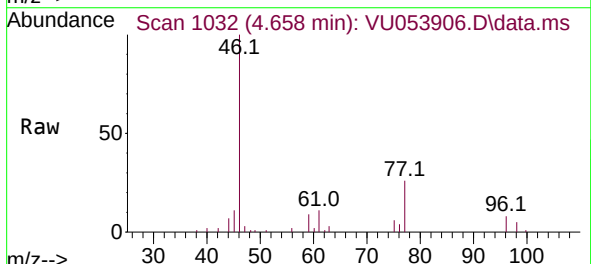
Tgt Ion: 84 Resp: 9110
Ion Ratio Lower Upper
84 100
86 65.3 45.0 83.6
49 100.1 74.8 138.8

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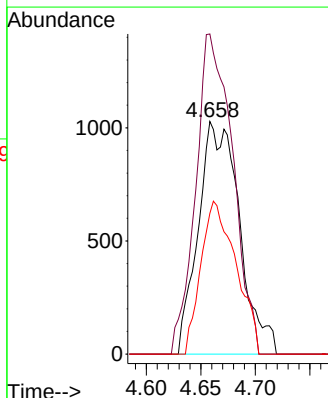
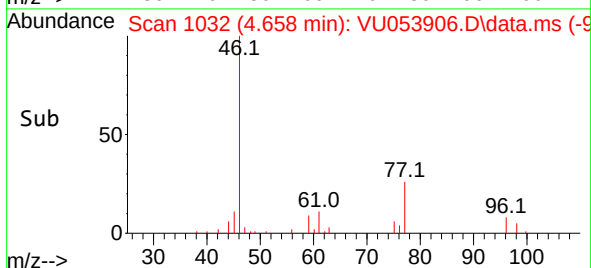
Reviewed By :Krupa Patel 04/27/2023
Supervised By :Mahesh Dadoda 04/28/2023

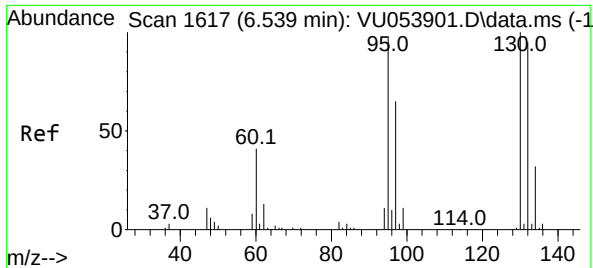


#22
cis-1,2-Dichloroethene
Concen: 0.276 ug/L m
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08



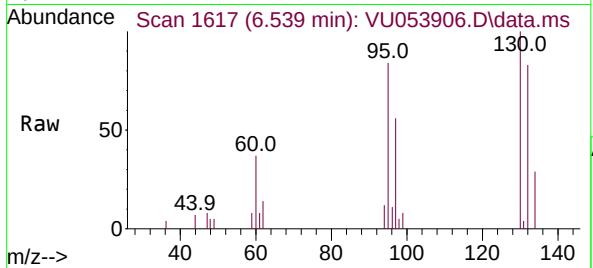
Tgt Ion: 96 Resp: 2700
Ion Ratio Lower Upper
96 100
61 137.6 84.3 156.5
98 60.5 46.4 86.2





#34
Trichloroethene
Concen: 0.386 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU053906.D
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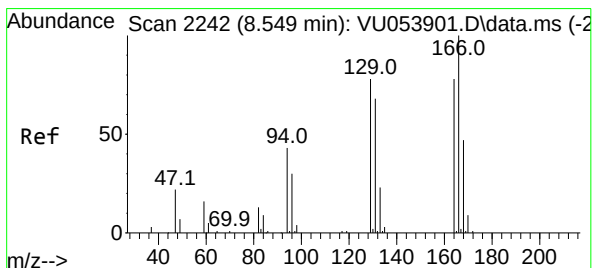
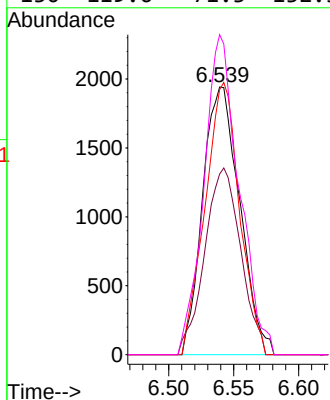
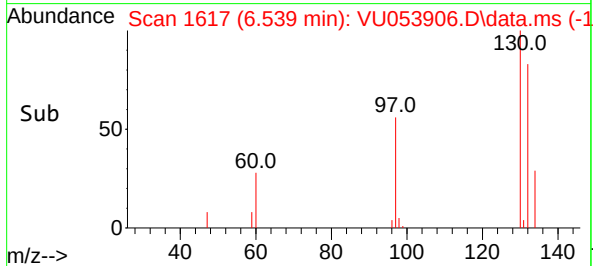
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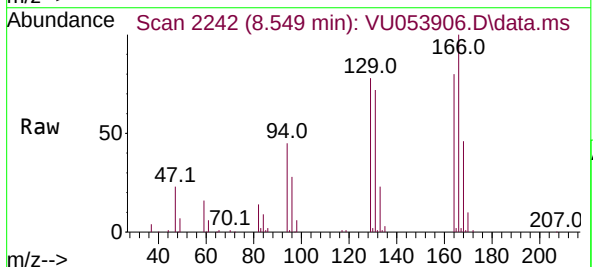
Tgt Ion: 95 Resp: 386
Ion Ratio Lower Upper
95 100
97 67.5 45.1 83.9
132 99.1 69.9 129.9
130 119.6 71.3 132.3

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#47
Tetrachloroethene
Concen: 5.824 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053906.D
Acq: 26 Apr 2023 12:08



Tgt Ion:164 Resp: 46155
Ion Ratio Lower Upper
164 100
129 98.3 68.3 126.8
131 90.8 64.4 119.6
166 125.7 88.3 163.9

