

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053947.D
 Acq On : 27 Apr 2023 20:04
 Operator : JC/MD
 Sample : 02488-14DL 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE69DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 07:21:14 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	6.247	114	132707	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	27936	3.456	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	69.200%		
7) Chloroethane-d5	1.916	69	26972	3.976	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	79.600%		
11) 1,1-Dichloroethene-d2	2.568	65	12501	3.758	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	75.200%		
20) 2-Butanone-d5	4.633	46	75861	51.241	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.480%		
24) Chloroform-d	5.060	84	68112	4.472	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.400%		
26) 1,2-Dichloroethane-d4	5.697	65	31897	4.531	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	90.600%		
32) Benzene-d6	5.723	84	132989	4.448	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.000%		
36) 1,2-Dichloropropane-d6	6.687	67	43109	4.766	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.400%		
41) Toluene-d8	7.896	98	114045	4.087	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	81.800%		
43) trans-1,3-Dichloroprop...	8.176	79	14457	4.064	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.200%		
46) 2-Hexanone-d5	8.629	63	62859	49.935	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.860%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33281	4.553	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.000%		
66) 1,2-Dichlorobenzene-d4	12.189	152	42466	4.296	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.000%		
Target Compounds						
16) Methylene chloride	3.048	84	4034	0.354	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	2138m	0.225	ug/L	
34) Trichloroethene	6.543	95	7874	0.808	ug/L	95
47) Tetrachloroethene	8.549	164	79937	10.346	ug/L	98

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

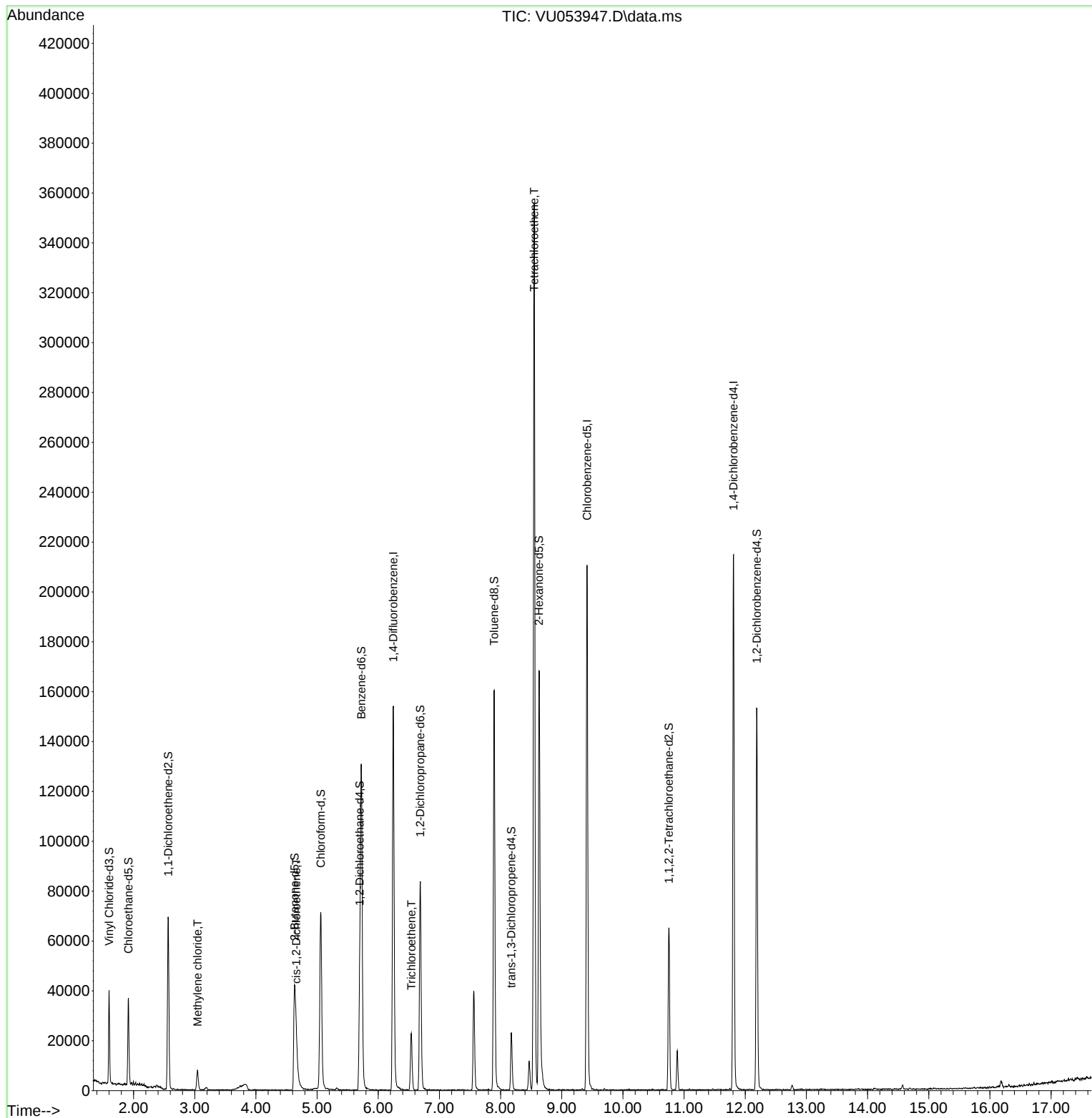
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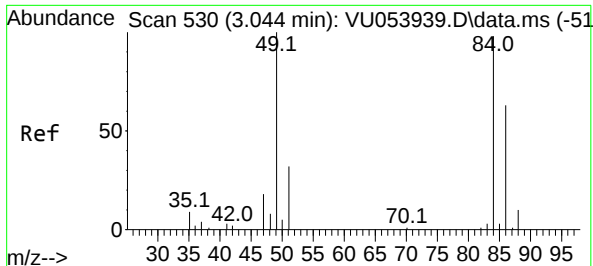
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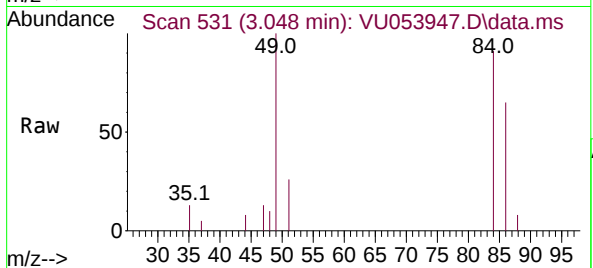
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023





#16
Methylene chloride
Concen: 0.354 ug/L
RT: 3.048 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

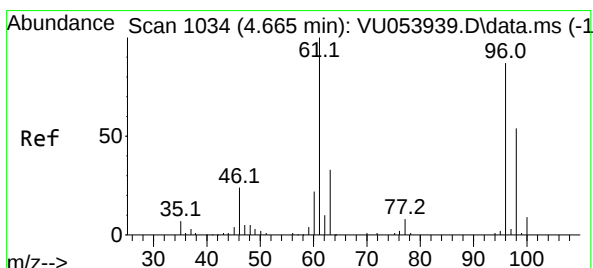
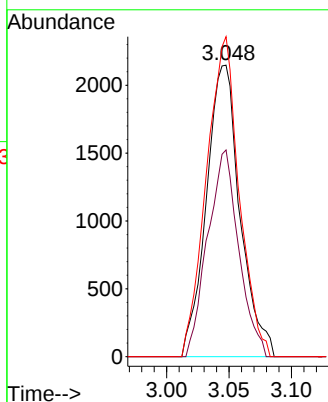
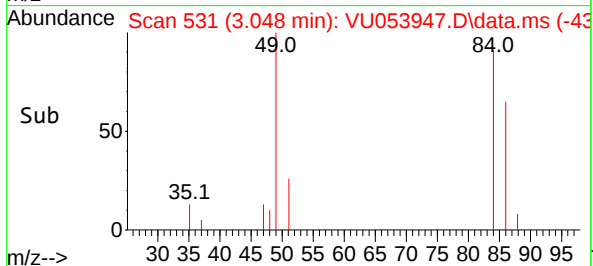
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Tgt Ion: 84 Resp: 4034
Ion Ratio Lower Upper
84 100
86 70.9 45.0 83.6
49 109.8 74.8 138.8

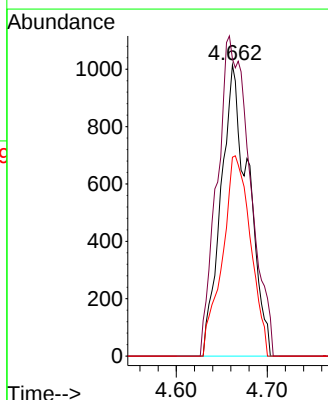
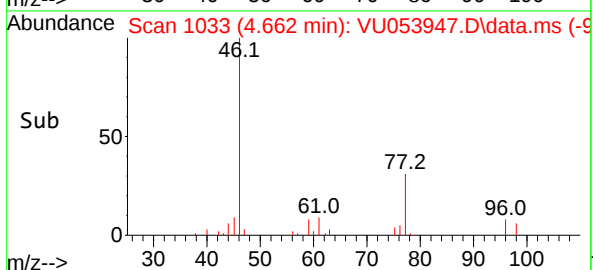
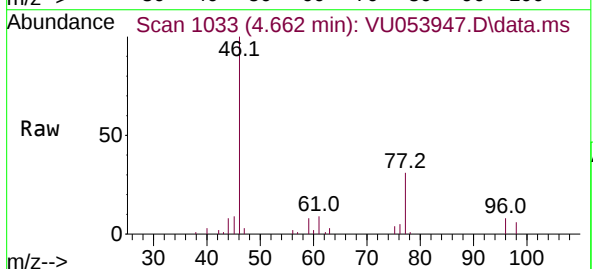
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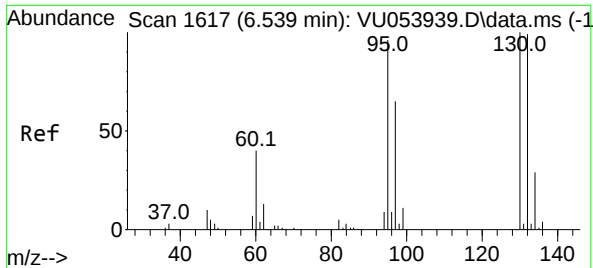
Reviewed By :Krupa Patel 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#22
cis-1,2-Dichloroethene
Concen: 0.225 ug/L m
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

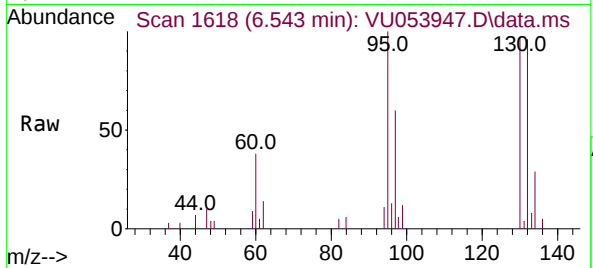
Tgt Ion: 96 Resp: 2138
Ion Ratio Lower Upper
96 100
61 102.1 84.3 156.5
98 68.3 46.4 86.2





#34
Trichloroethene
Concen: 0.808 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04

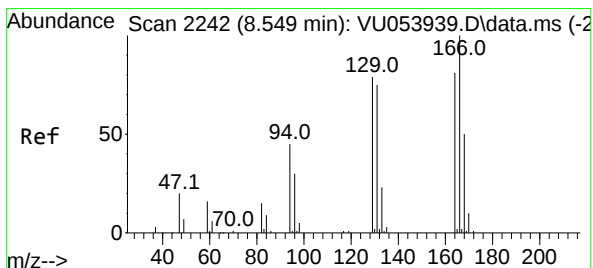
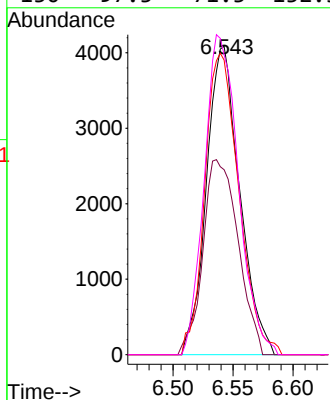
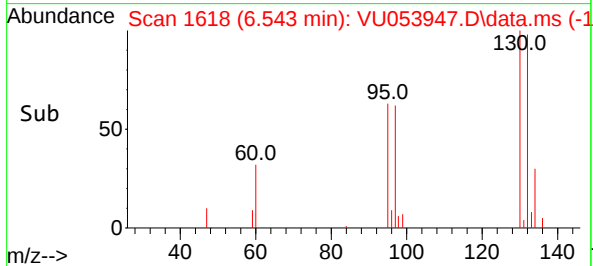
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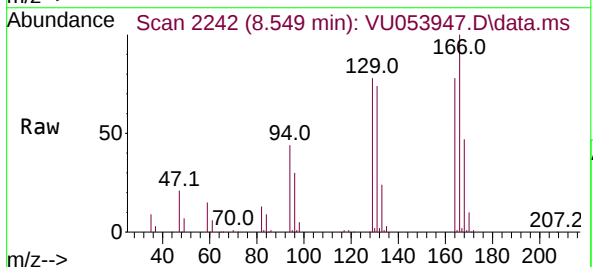
Tgt Ion: 95 Resp: 7874
Ion Ratio Lower Upper
95 100
97 60.0 45.1 83.9
132 95.5 69.9 129.9
130 97.3 71.3 132.3

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#47
Tetrachloroethene
Concen: 10.346 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053947.D
Acq: 27 Apr 2023 20:04



Tgt Ion:164 Resp: 79937
Ion Ratio Lower Upper
164 100
129 99.7 68.3 126.8
131 94.7 64.4 119.6
166 128.4 88.3 163.9

