

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055104.D
 Acq On : 05 Sep 2023 19:15
 Operator : MD/SY
 Sample : 04250-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/06/2023
 Supervised By :Mahesh Dadoda 09/07/2023

Quant Time: Sep 06 02:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174930	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	181716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	92070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36530	4.456	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	89.200%		
7) Chloroethane-d5	1.907	69	43411	4.574	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	91.400%		
11) 1,1-Dichloroethene-d2	2.563	65	22595	4.837	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	96.800%		
20) 2-Butanone-d5	4.628	46	131205	55.147	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	110.300%		
24) Chloroform-d	5.062	84	105635	4.856	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.200%		
26) 1,2-Dichloroethane-d4	5.701	65	55993	5.144	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.800%		
32) Benzene-d6	5.724	84	207791	4.633	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.600%		
36) 1,2-Dichloropropane-d6	6.689	67	70900	4.970	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	99.400%		
41) Toluene-d8	7.897	98	181330	4.388	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.800%		
43) trans-1,3-Dichloroprop...	8.184	79	18172	4.625	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	92.600%		
46) 2-Hexanone-d5	8.634	63	83146	52.128	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	104.260%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51922	5.175	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	103.400%		
66) 1,2-Dichlorobenzene-d4	12.193	152	66676	4.961	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.200%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.136	101	3027	0.191	ug/L	89
17) Methyl tert-butyl Ether	3.367	73	3286	0.155	ug/L #	93
22) cis-1,2-Dichloroethene	4.669	96	4040m	0.402	ug/L	
34) Trichloroethene	6.541	95	16873	1.570	ug/L	99

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

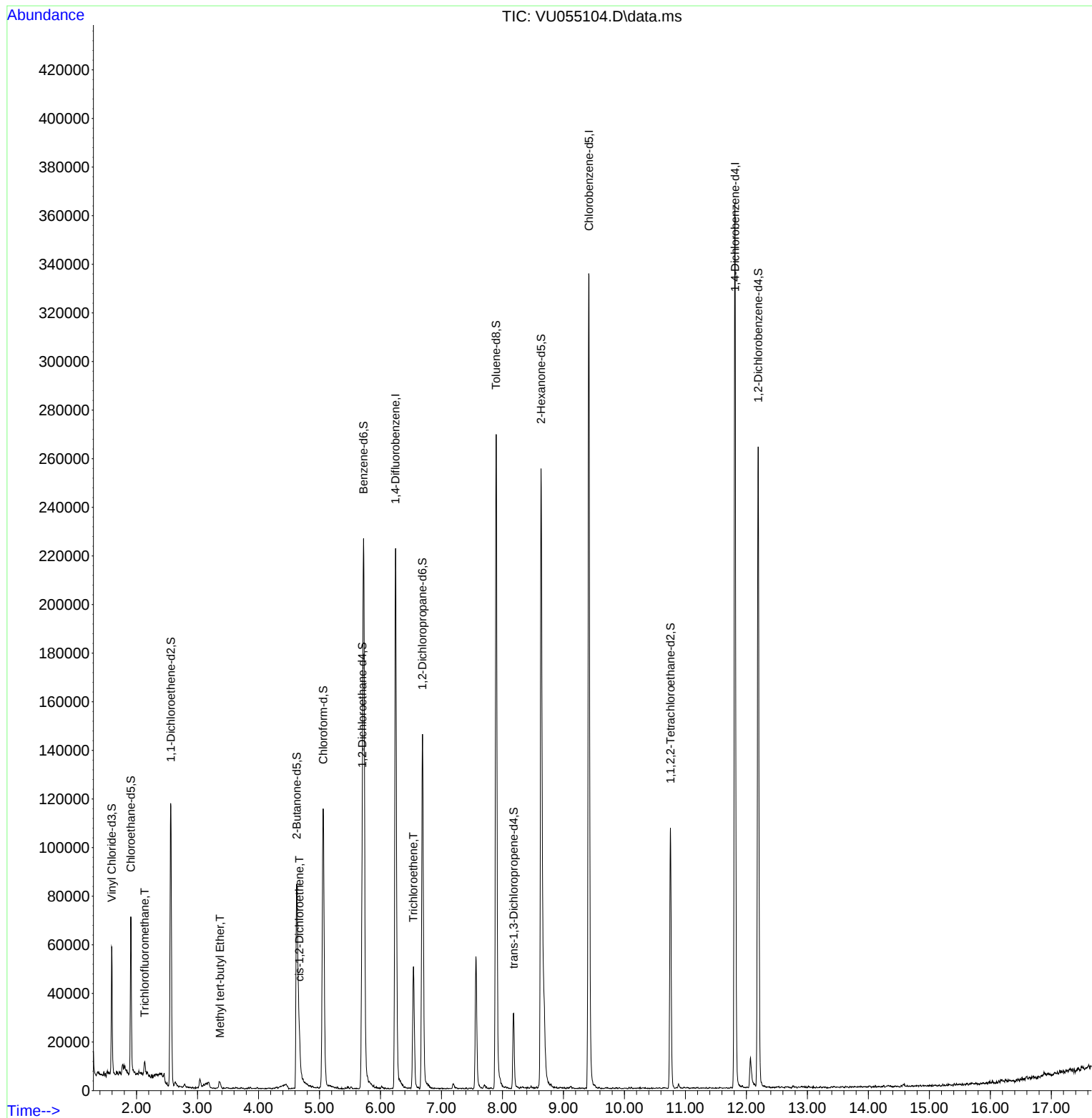
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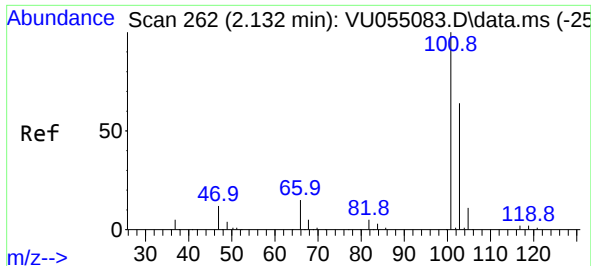
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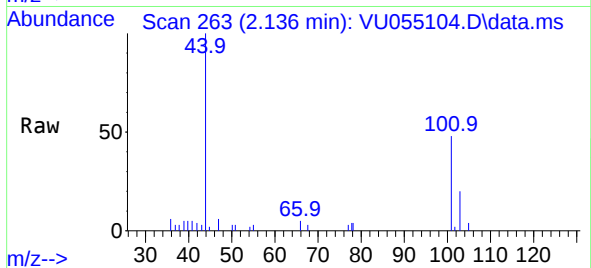
Reviewed By :Semsettin Yesilyurt 09/06/2023
Supervised By :Mahesh Dadoda 09/07/2023





#9
Trichlorofluoromethane
Concen: 0.191 ug/L
RT: 2.136 min Scan# 202
Delta R.T. 0.003 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

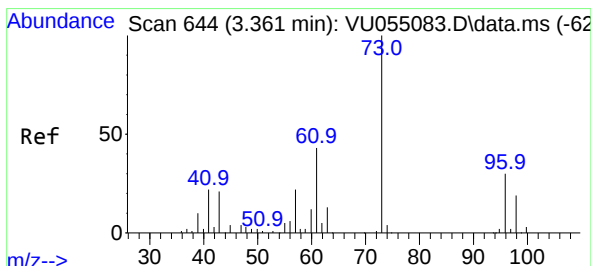
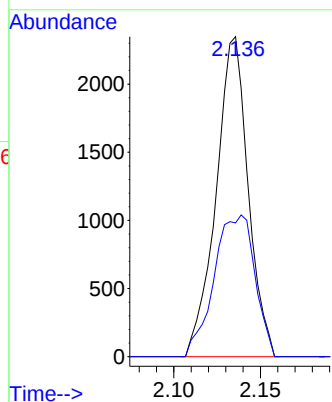
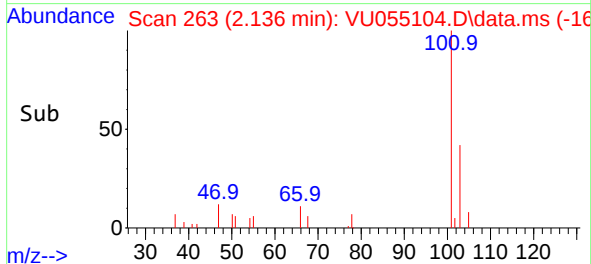
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:101 Resp: 302
Ion Ratio Lower Upper
101 100
103 56.3 51.9 77.9

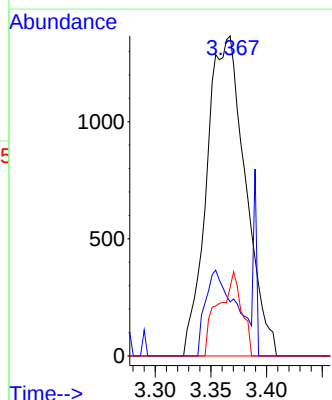
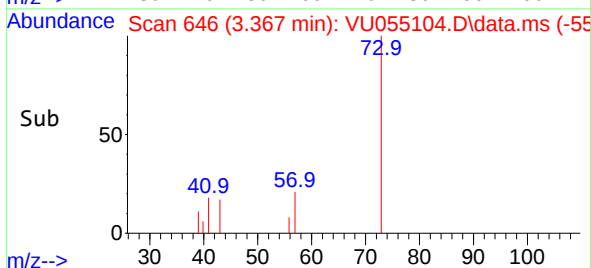
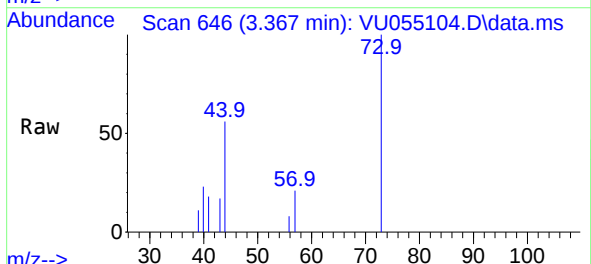
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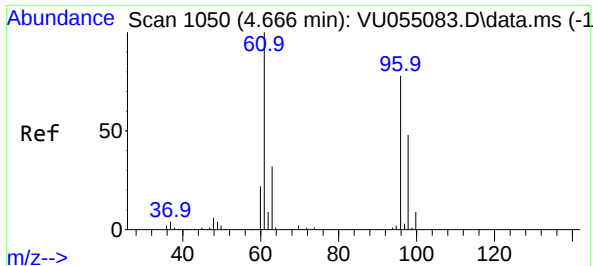
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#17
Methyl tert-butyl Ether
Concen: 0.155 ug/L
RT: 3.367 min Scan# 646
Delta R.T. 0.006 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

Tgt Ion: 73 Resp: 3286
Ion Ratio Lower Upper
73 100
43 20.4 16.2 24.2
57 15.9 17.4 26.2#





cis-1,2-Dichloroethene
Concen: 0.402 ug/L m
RT: 4.669 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

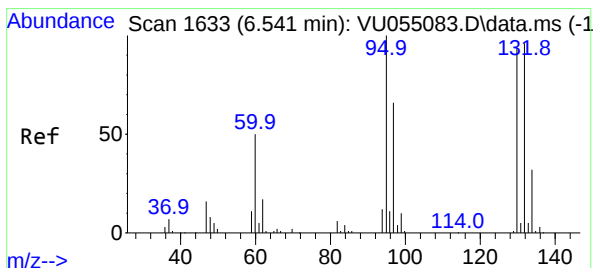
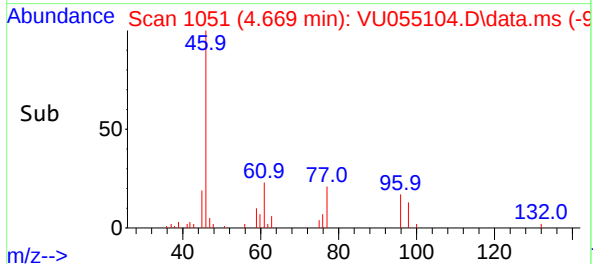
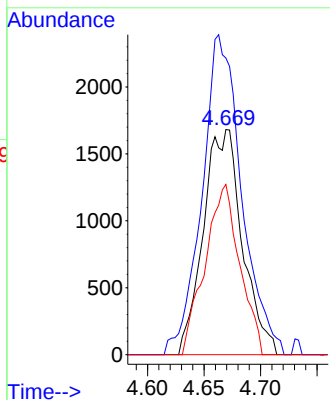
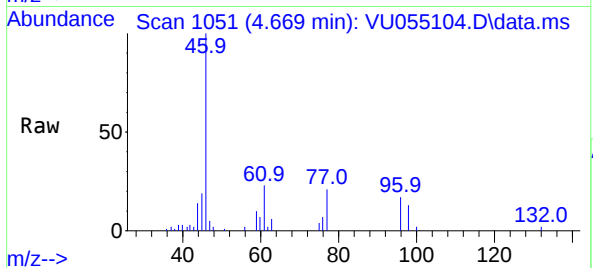
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Tgt Ion: 96 Resp: 4040

Ion	Ratio	Lower	Upper
96	100		
61	131.7	97.2	180.4
98	75.6	46.1	85.7

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Trichloroethene
Concen: 1.570 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055104.D
Acq: 05 Sep 2023 19:15

Tgt Ion: 95 Resp: 16873

Ion	Ratio	Lower	Upper
95	100		
97	63.5	44.7	83.1
132	93.2	66.6	123.6
130	96.6	66.5	123.5

