

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056466.D
 Acq On : 18 Nov 2023 01:57
 Operator : MD/SY
 Sample : 05441-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/20/2023
 Supervised By :Semsettin Yesilyurt 11/20/2023

Quant Time: Nov 19 01:25:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	271548	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	271496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	70014	3.447	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	69.000%		
7) Chloroethane-d5	1.904	69	71697	4.604	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.000%		
11) 1,1-Dichloroethene-d2	2.560	65	33165	3.700	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	74.000%		
20) 2-Butanone-d5	4.615	46	232569	57.424	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	114.840%		
24) Chloroform-d	5.055	84	185988	4.734	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.600%		
26) 1,2-Dichloroethane-d4	5.698	65	95260	5.247	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	105.000%		
32) Benzene-d6	5.721	84	337103	4.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	83.400%		
36) 1,2-Dichloropropane-d6	6.685	67	111542	4.575	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.600%		
41) Toluene-d8	7.894	98	273190	3.825	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.400%		
43) trans-1,3-Dichloroprop...	8.177	79	41723	4.462	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.200%		
46) 2-Hexanone-d5	8.627	63	179986	48.985	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	97.960%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86786	4.982	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	99.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	109375	5.040	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.800%		
Target Compounds						
22) cis-1,2-Dichloroethene	4.653	96	6133m	0.316	ug/L	
29) 1,1,1-Trichloroethane	5.316	97	4301	0.138	ug/L	95
34) Trichloroethene	6.538	95	171920	8.145	ug/L	98
47) Tetrachloroethene	8.550	164	6421	0.451	ug/L	91

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

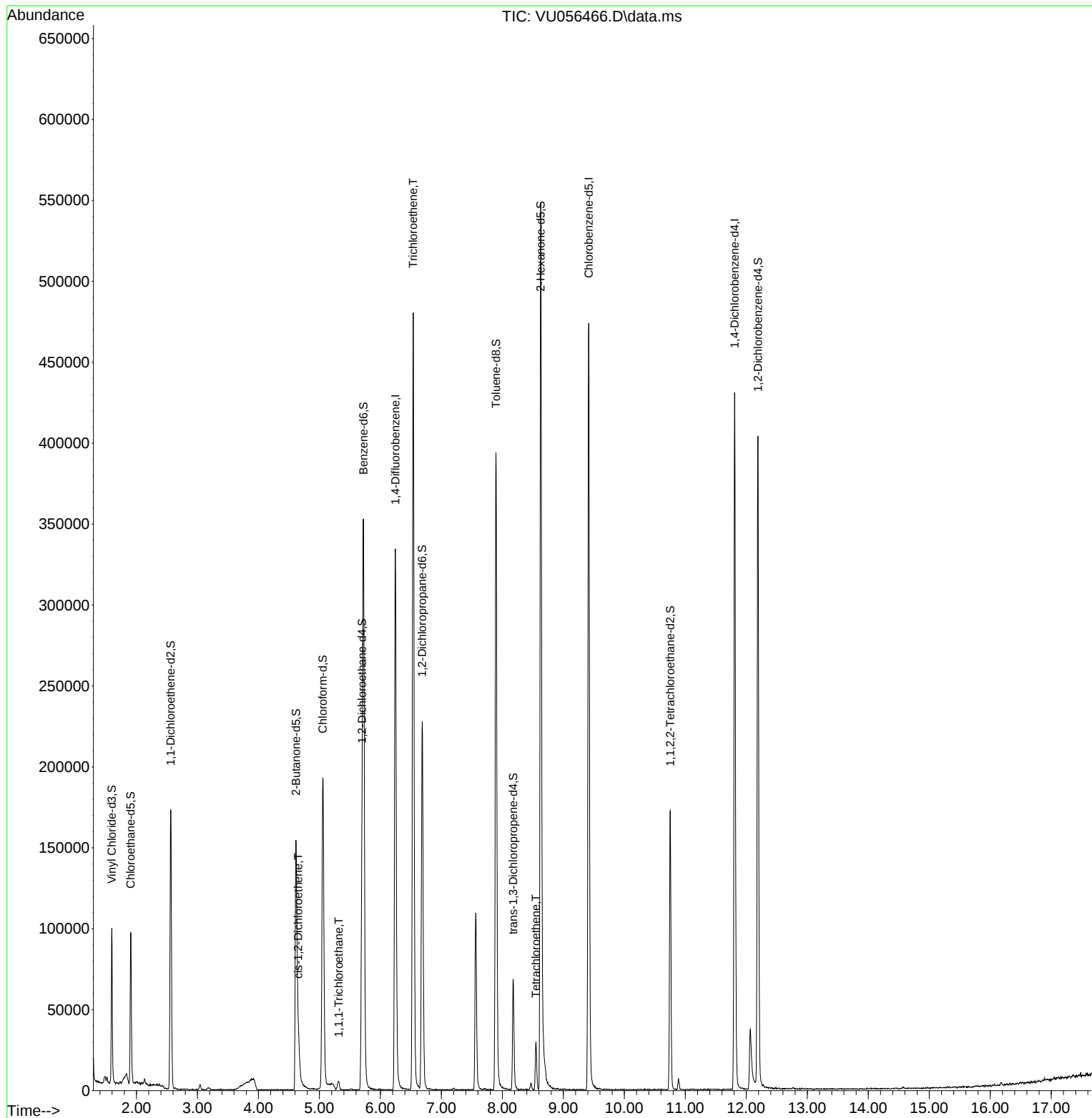
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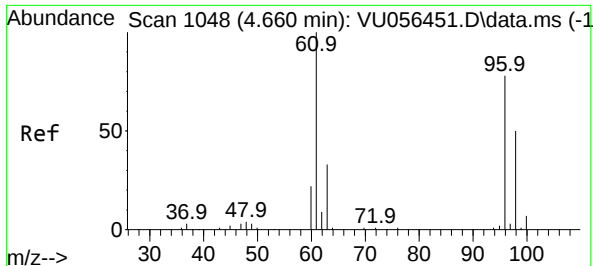
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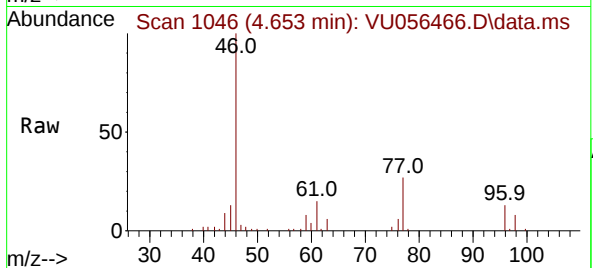
Reviewed By :Mahesh Dadoda 11/20/2023
Supervised By :Semsettin Yesilyurt 11/20/2023





#22
 cis-1,2-Dichloroethene
 Concen: 0.316 ug/L m
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.006 min
 Lab File: VU056466.D
 Acq: 18 Nov 2023 01:57

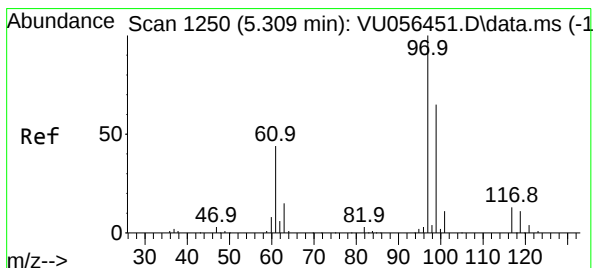
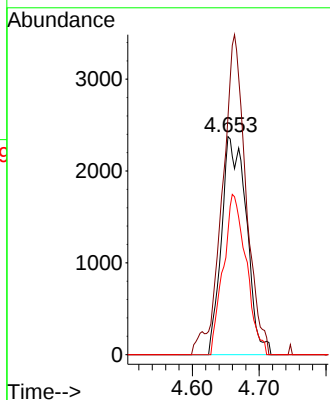
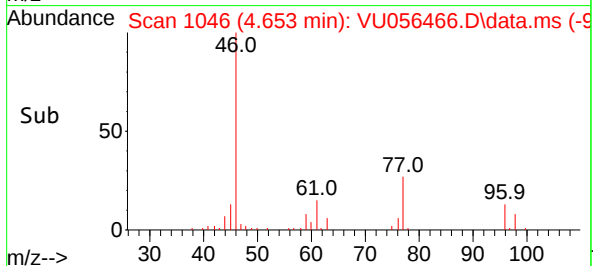
Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK8



Tgt Ion: 96 Resp: 613
 Ion Ratio Lower Upper
 96 100
 61 108.8 93.2 173.2
 98 56.1 44.8 83.2

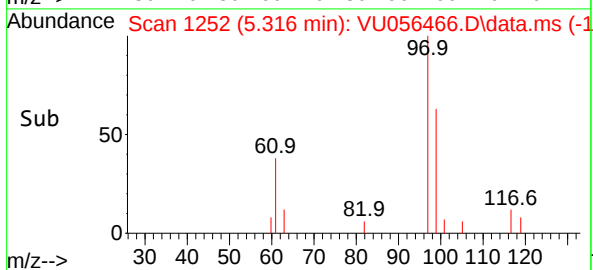
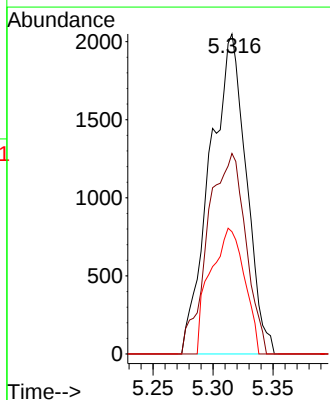
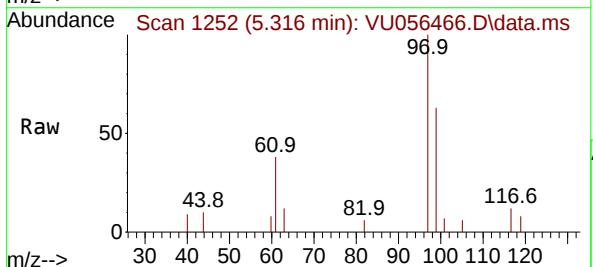
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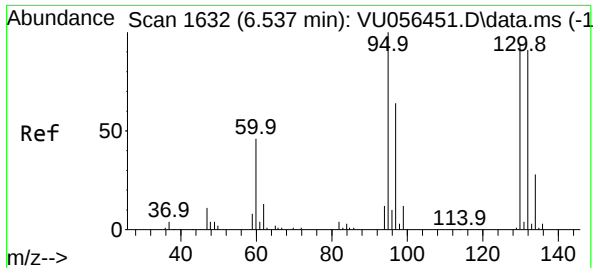
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#29
 1,1,1-Trichloroethane
 Concen: 0.138 ug/L
 RT: 5.316 min Scan# 1252
 Delta R.T. 0.006 min
 Lab File: VU056466.D
 Acq: 18 Nov 2023 01:57

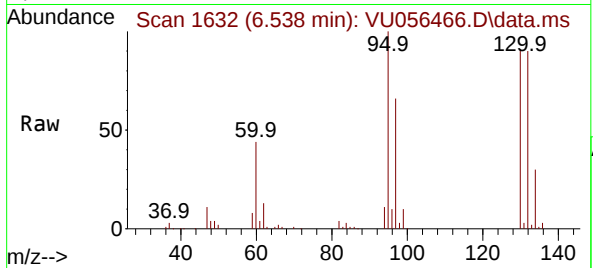
Tgt Ion: 97 Resp: 4301
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.6 77.4
 61 37.0 34.3 51.5





#34
Trichloroethene
Concen: 8.145 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056466.D
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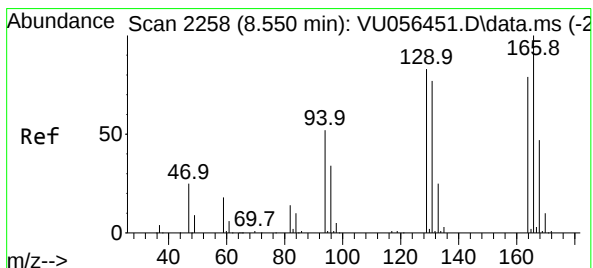
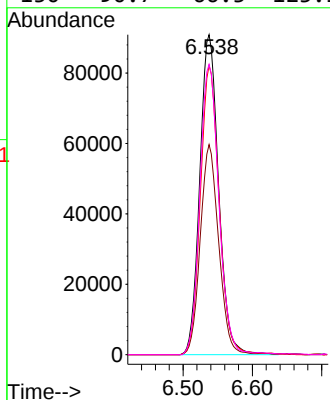
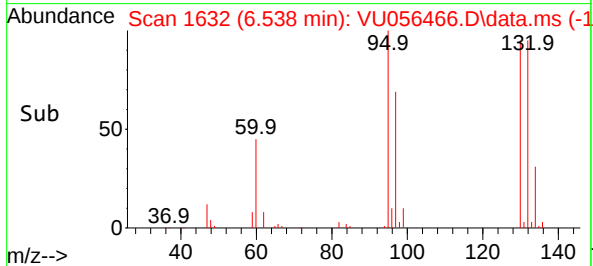
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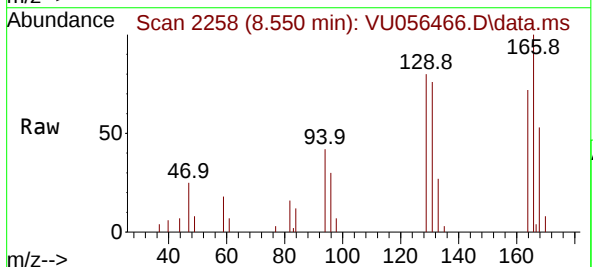
Tgt Ion: 95 Resp: 171920
Ion Ratio Lower Upper
95 100
97 65.6 46.5 86.3
132 90.3 62.0 115.2
130 90.7 66.3 123.1

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#47
Tetrachloroethene
Concen: 0.451 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056466.D
Acq: 18 Nov 2023 01:57



Tgt Ion:164 Resp: 6421
Ion Ratio Lower Upper
164 100
129 112.1 71.0 131.9
131 105.9 70.3 130.7
166 139.6 89.8 166.8

