

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057120.D
 Acq On : 21 Dec 2023 03:45
 Operator : MD/SY
 Sample : 05892-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B09

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

Quant Time: Dec 21 05:03:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 01:34:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.373	114	177106	5.000	ug/L	0.13
28) Chlorobenzene-d5	9.444	117	186122	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.817	152	85015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.640	65	60647	3.995	ug/L	0.04
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	2.004	69	55235	4.862	ug/L	0.09
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.657	65	28360	4.366	ug/L	0.09
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.853	46	96705m	32.256	ug/L	0.23
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.520%
24) Chloroform-d	5.136	84	130255	4.531	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.782	65	60969	4.482	ug/L	0.09
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.798	84	245639	4.255	ug/L	0.08
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.795	67	66352	3.672	ug/L	0.11
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.400%
41) Toluene-d8	7.955	98	180455	3.497	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.232	79	23480	3.351	ug/L	0.06
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.000%
46) 2-Hexanone-d5	8.685	63	78215	29.595	ug/L	0.06
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.180%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	44198	3.381	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.600%
66) 1,2-Dichlorobenzene-d4	12.196	152	67346	4.030	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
12) 1,1-Dichloroethene	2.669	96	64630	4.495	ug/L	87
14) Carbon disulfide	2.888	76	11119	0.223	ug/L #	94
19) 1,1-Dichloroethane	3.984	63	21908	0.781	ug/L	99
22) cis-1,2-Dichloroethene	4.753	96	8151	0.514	ug/L	92

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

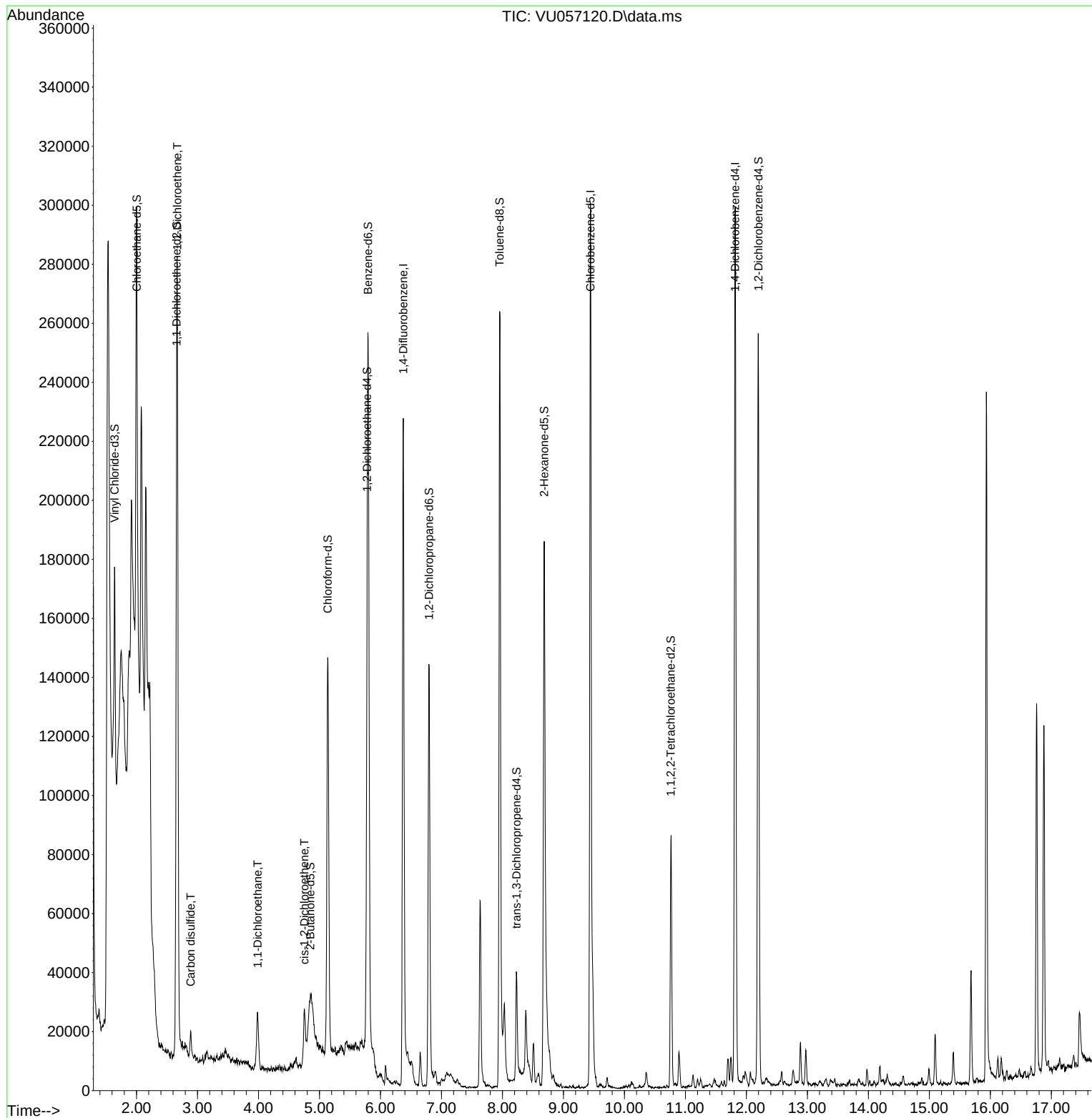
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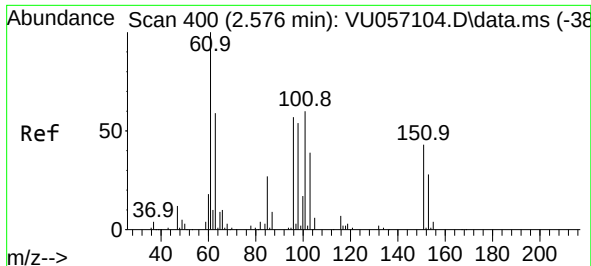
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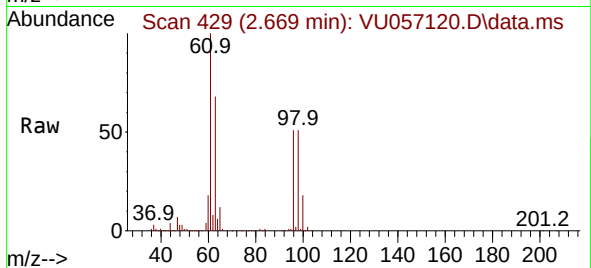
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023





#12
1,1-Dichloroethene
Concen: 4.495 ug/L
RT: 2.669 min Scan# 41
Delta R.T. 0.093 min
Lab File: VU057120.D
Acq: 21 Dec 2023 03:45

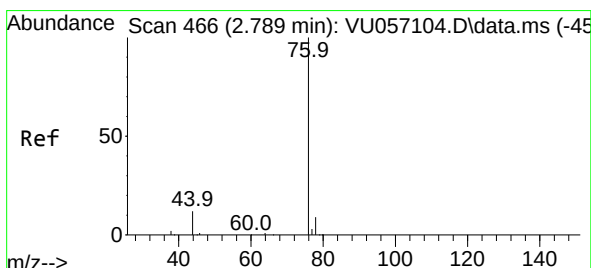
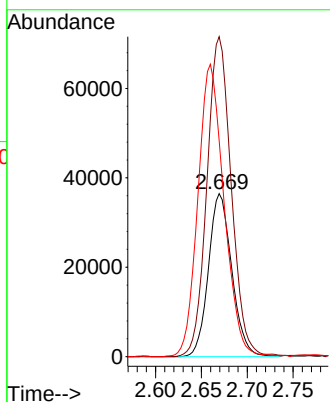
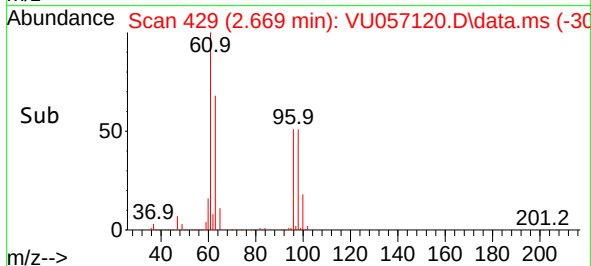
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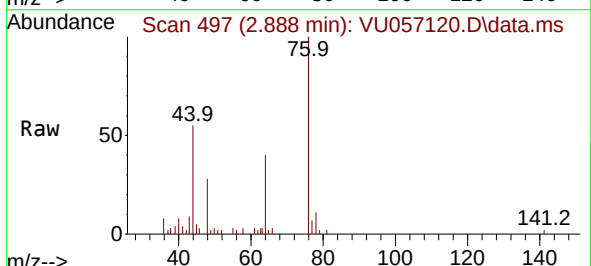
Tgt Ion: 96 Resp: 64630
Ion Ratio Lower Upper
96 100
61 196.2 119.0 221.0
63 132.5 88.7 164.7

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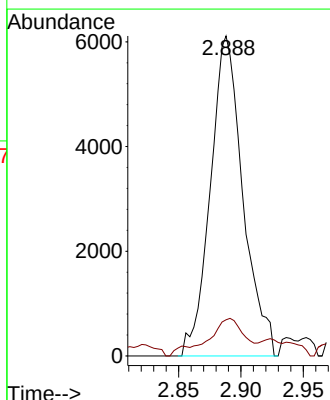
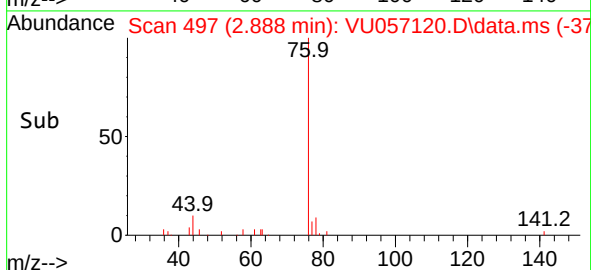
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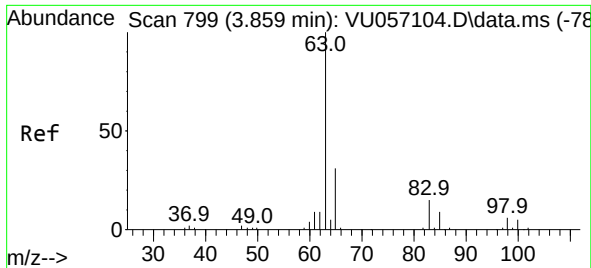


#14
Carbon disulfide
Concen: 0.223 ug/L
RT: 2.888 min Scan# 497
Delta R.T. 0.100 min
Lab File: VU057120.D
Acq: 21 Dec 2023 03:45



Tgt Ion: 76 Resp: 11119
Ion Ratio Lower Upper
76 100
78 11.3 7.3 10.9#





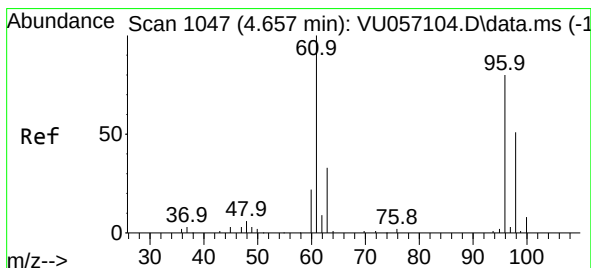
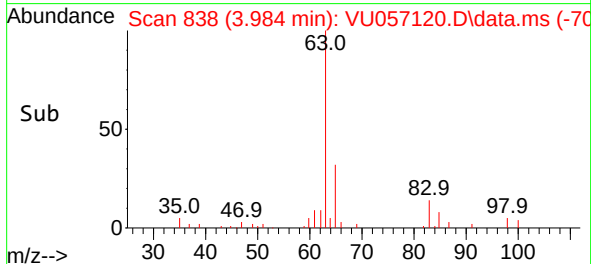
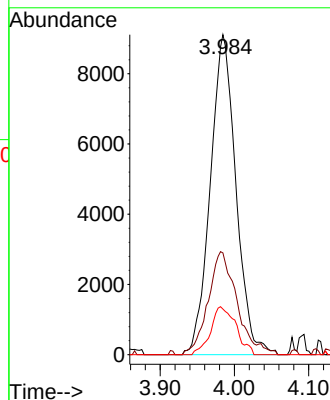
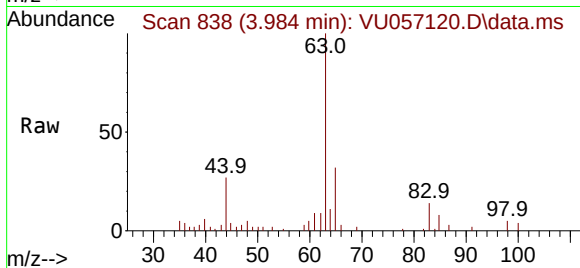
#19
1,1-Dichloroethane
Concen: 0.781 ug/L
RT: 3.984 min Scan# 81
Delta R.T. 0.125 min
Lab File: VU057120.D
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Tgt Ion: 63 Resp: 21908
Ion Ratio Lower Upper
63 100
65 31.8 22.9 42.5
83 14.3 10.1 18.9

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#22
cis-1,2-Dichloroethene
Concen: 0.514 ug/L
RT: 4.753 min Scan# 1077
Delta R.T. 0.096 min
Lab File: VU057120.D
Acq: 21 Dec 2023 03:45

Tgt Ion: 96 Resp: 8151
Ion Ratio Lower Upper
96 100
61 137.2 91.3 169.6
98 72.3 44.2 82.0

