

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057117.D
 Acq On : 21 Dec 2023 02:12
 Operator : MD/SY
 Sample : 05892-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B01

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 05:02:54 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	6.245	114	178433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85750	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53660	3.508	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	70.200%		
7) Chloroethane-d5	1.911	69	48238	4.215	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	84.200%		
11) 1,1-Dichloroethene-d2	2.560	65	25999	3.973	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	79.400%		
20) 2-Butanone-d5	4.650	46	96371m	31.906	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	63.820%		
24) Chloroform-d	5.055	84	125556	4.335	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	86.800%		
26) 1,2-Dichloroethane-d4	5.698	65	61594	4.494	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.800%		
32) Benzene-d6	5.721	84	222512	4.017	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.685	67	67514	3.894	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	77.800%		
41) Toluene-d8	7.894	98	187936	3.796	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.000%		
43) trans-1,3-Dichloroprop...	8.177	79	24270	3.610	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	72.200%		
46) 2-Hexanone-d5	8.634	63	89810	35.419	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	70.840%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53759	4.286	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	85.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	75959	4.506	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	90.200%		
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	11955	0.825	ug/L #	23
14) Carbon disulfide	2.788	76	7555	0.150	ug/L #	94
19) 1,1-Dichloroethane	3.865	63	3706	0.131	ug/L #	88
22) cis-1,2-Dichloroethene	4.666	96	1640	0.103	ug/L	82

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

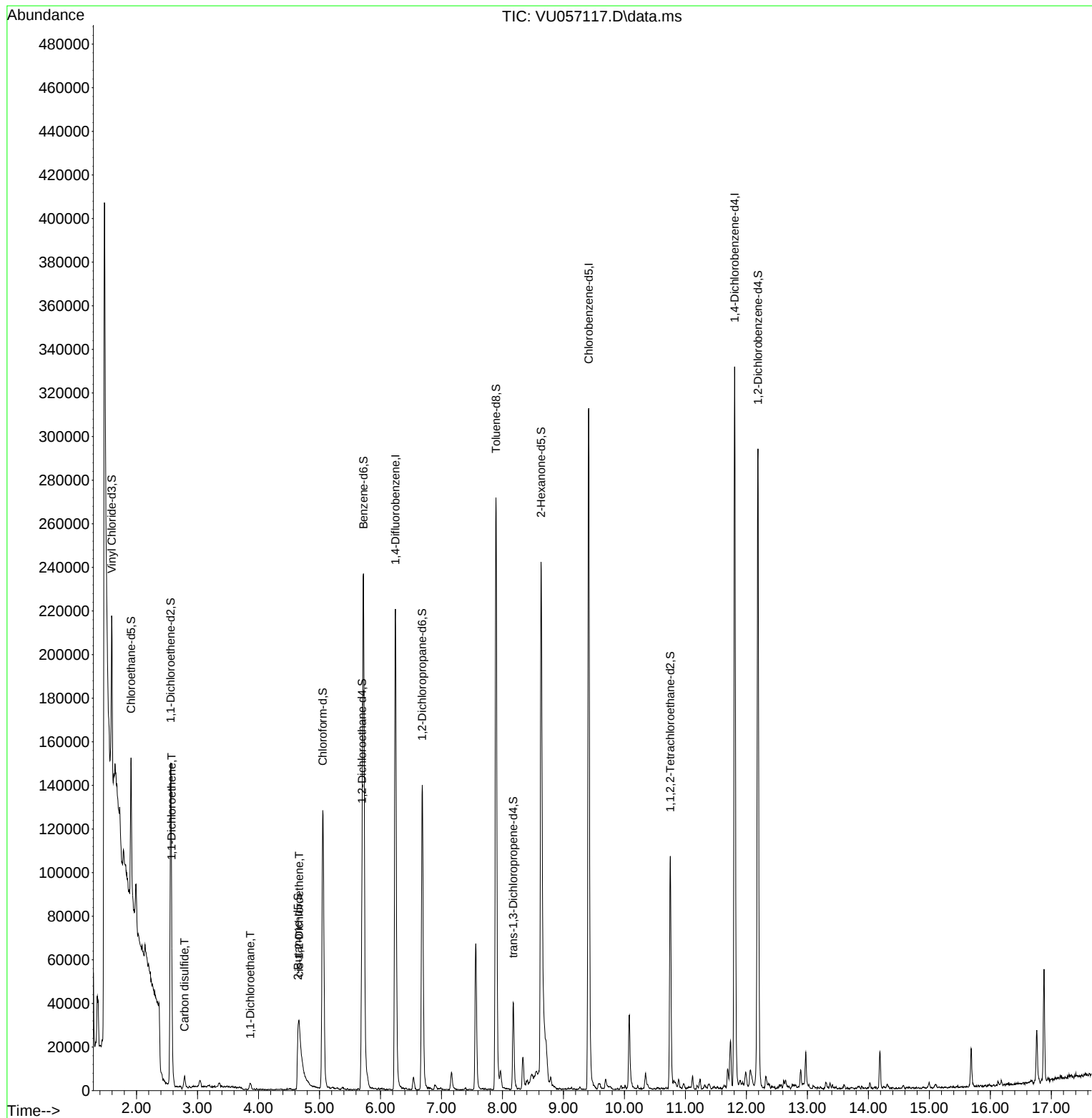
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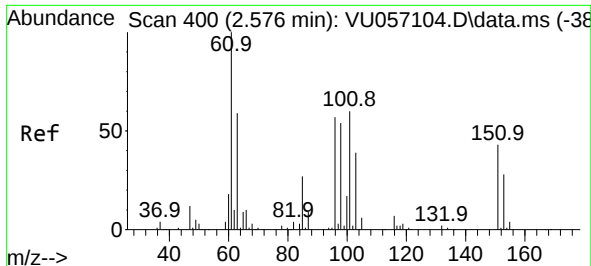
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#12

1,1-Dichloroethene

Concen: 0.825 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

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ClientSampleId :

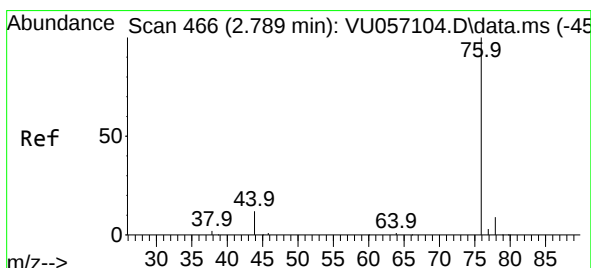
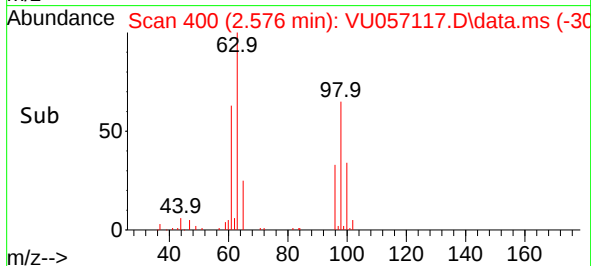
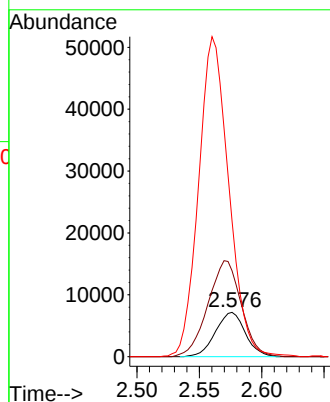
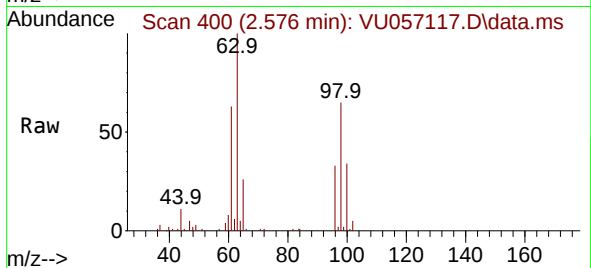
F7B01

Tgt Ion:	96	Resp:	1195
Ion Ratio	Lower	Upper	
96	100		
61	193.7	119.0	221.0
63	306.3	88.7	164.7

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#14

Carbon disulfide

Concen: 0.150 ug/L

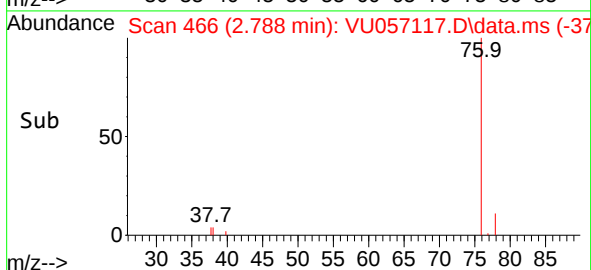
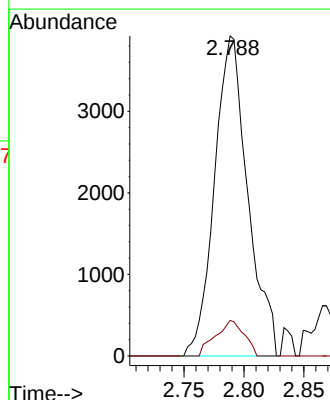
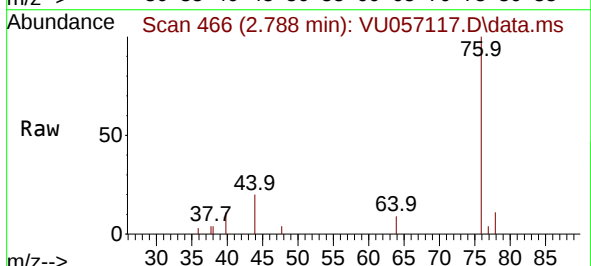
RT: 2.788 min Scan# 466

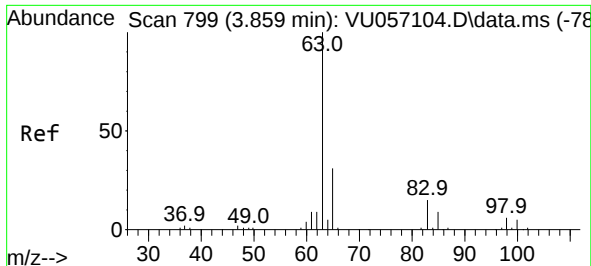
Delta R.T. -0.000 min

Lab File: VU057117.D

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Tgt Ion:	76	Resp:	7555
Ion Ratio	Lower	Upper	
76	100		
78	11.1	7.3	10.9





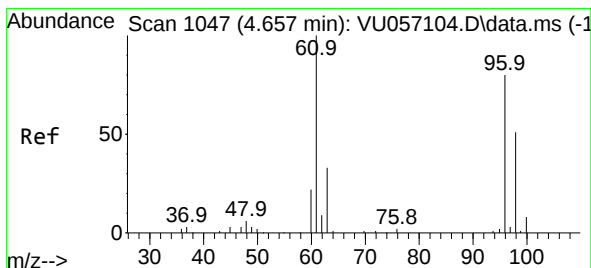
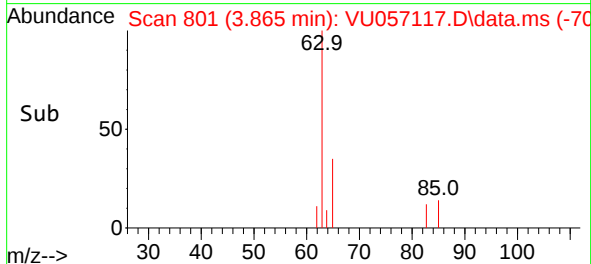
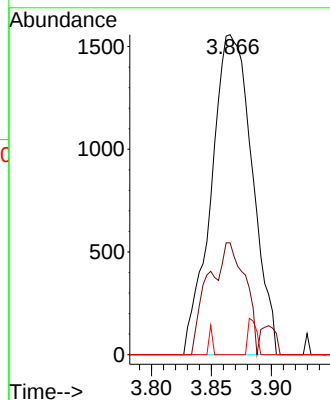
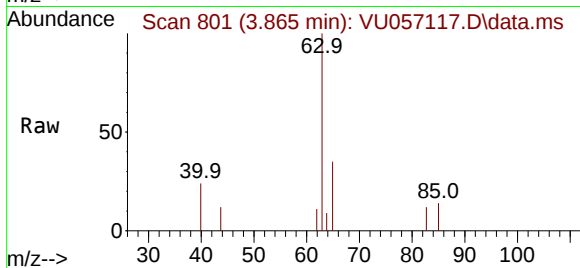
#19
1,1-Dichloroethane
Concen: 0.131 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
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Tgt Ion: 63 Resp: 3700
Ion Ratio Lower Upper
63 100
65 32.2 22.9 42.5
83 0.0 10.1 18.9

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#22
cis-1,2-Dichloroethene
Concen: 0.103 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU057117.D
Acq: 21 Dec 2023 02:12

Tgt Ion: 96 Resp: 1640
Ion Ratio Lower Upper
96 100
61 105.1 91.3 169.6
98 70.4 44.2 82.0

