

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057121.D
 Acq On : 21 Dec 2023 04:13
 Operator : MD/SY
 Sample : 05892-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7B10

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 05:04:00 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	172211	5.000	ug/L	0.13
28) Chlorobenzene-d5	9.444	117	169985	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.817	152	72194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.644	65	59952	4.061	ug/L	0.05
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.200%		
7) Chloroethane-d5	2.013	69	54006	4.889	ug/L	0.10
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.800%		
11) 1,1-Dichloroethene-d2	2.672	65	28125	4.453	ug/L	0.11
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.000%		
20) 2-Butanone-d5	4.862	46	71573m	24.552	ug/L	0.24
Spiked Amount 50.000	Range 40 - 130		Recovery =	49.100%		
24) Chloroform-d	5.142	84	117904	4.218	ug/L	0.09
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.400%		
26) 1,2-Dichloroethane-d4	5.798	65	45843	3.466	ug/L	0.10
Spiked Amount 5.000	Range 70 - 130		Recovery =	69.400%#		
32) Benzene-d6	5.814	84	222082	4.212	ug/L	0.09
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	6.795	67	60500	3.666	ug/L	0.11
Spiked Amount 5.000	Range 60 - 140		Recovery =	73.400%		
41) Toluene-d8	7.955	98	165742	3.517	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery =	70.400%		
43) trans-1,3-Dichloroprop...	8.232	79	16935	2.646	ug/L	0.06
Spiked Amount 5.000	Range 55 - 130		Recovery =	53.000%#		
46) 2-Hexanone-d5	8.685	63	49522	20.517	ug/L	0.06
Spiked Amount 50.000	Range 45 - 130		Recovery =	41.040%#		
56) 1,1,2,2-Tetrachloroeth...	10.765	84	30930	2.590	ug/L	0.02
Spiked Amount 5.000	Range 65 - 120		Recovery =	51.800%#		
66) 1,2-Dichlorobenzene-d4	12.196	152	53362	3.760	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	75.200%#		
Target Compounds						
12) 1,1-Dichloroethene	2.685	96	127811	9.142	ug/L	79
19) 1,1-Dichloroethane	4.004	63	43656	1.601	ug/L	99
22) cis-1,2-Dichloroethene	4.766	96	14539	0.943	ug/L	87
34) Trichloroethene	6.650	95	7996	0.488	ug/L	96

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

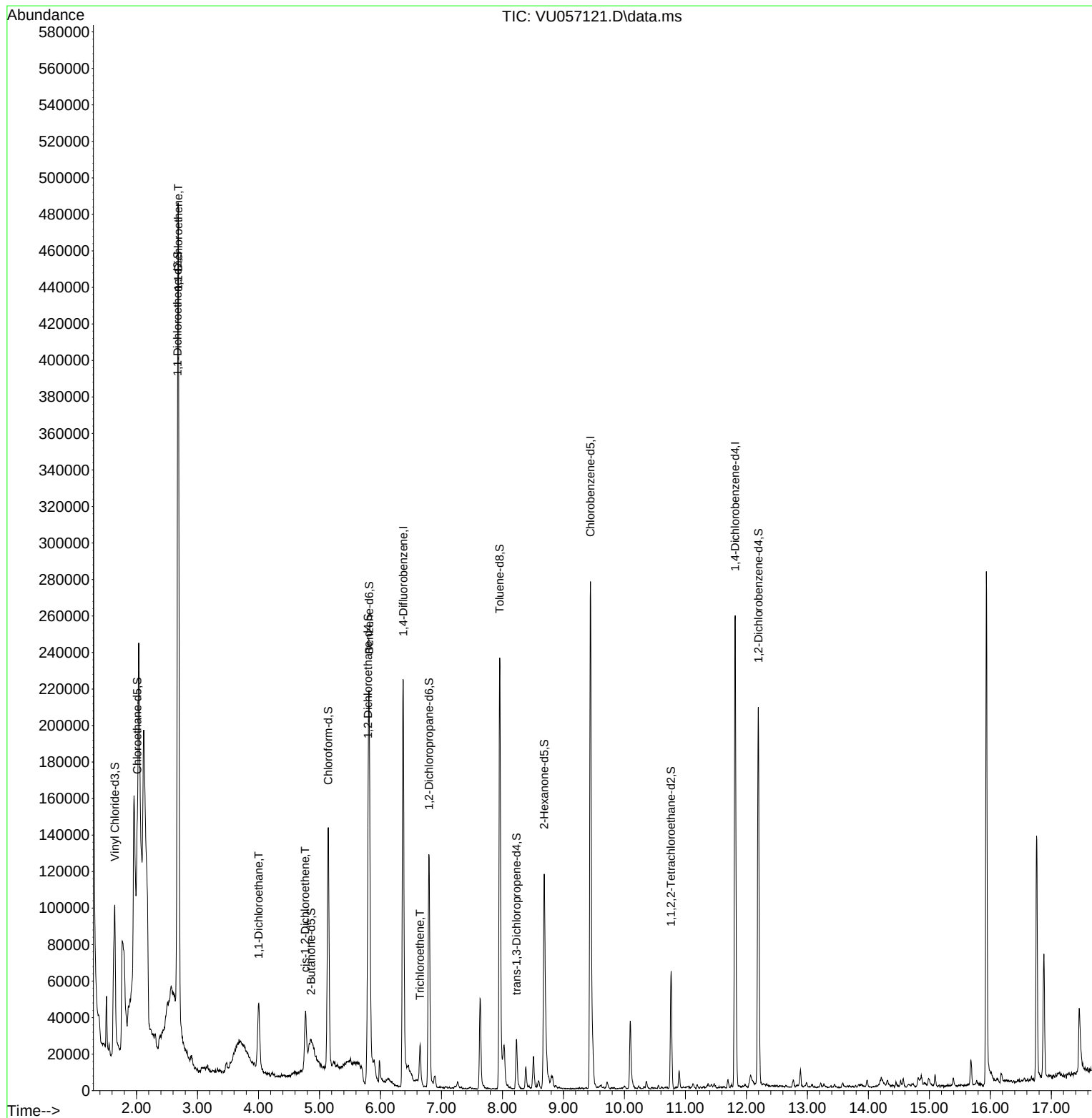
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
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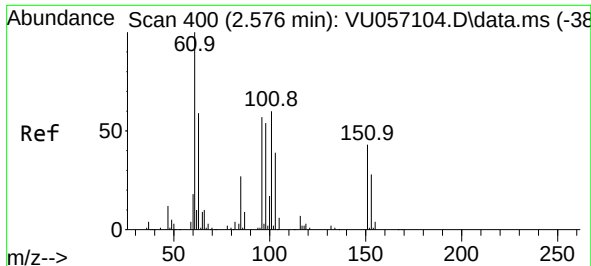
Instrument :
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Quant Time: Dec 21 05:04:00 2023
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#12

1,1-Dichloroethene

Concen: 9.142 ug/L

RT: 2.685 min Scan# 41

Delta R.T. 0.109 min

Lab File: VU057121.D

Acq: 21 Dec 2023 04:13

Instrument :

MSVOA_U

ClientSampleId :

F7B10

Tgt Ion: 96 Resp: 12781

Ion Ratio Lower Upper

96 100

61 191.7 119.0 221.0

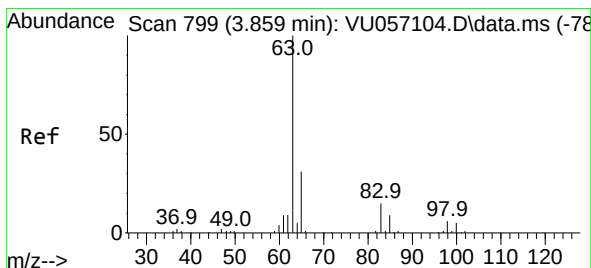
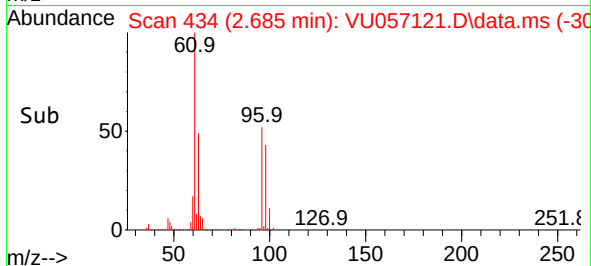
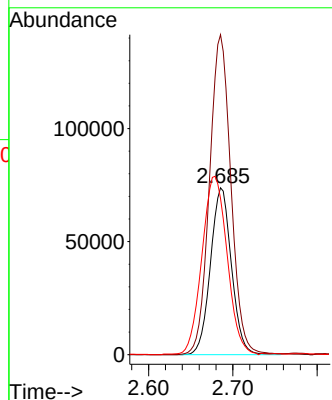
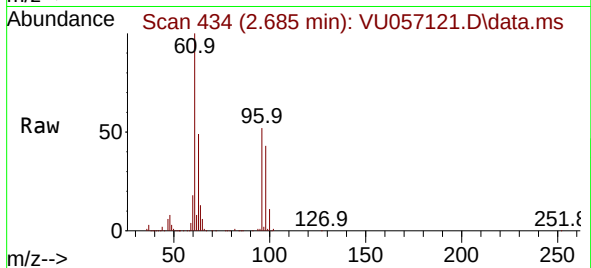
63 93.6 88.7 164.7

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#19

1,1-Dichloroethane

Concen: 1.601 ug/L

RT: 4.004 min Scan# 844

Delta R.T. 0.144 min

Lab File: VU057121.D

Acq: 21 Dec 2023 04:13

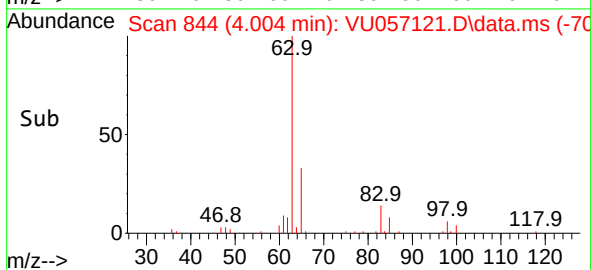
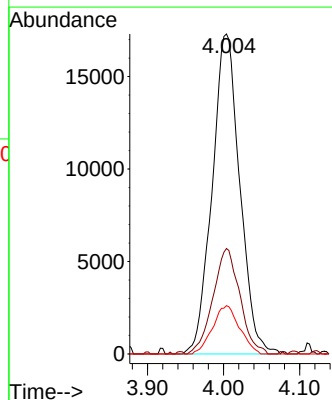
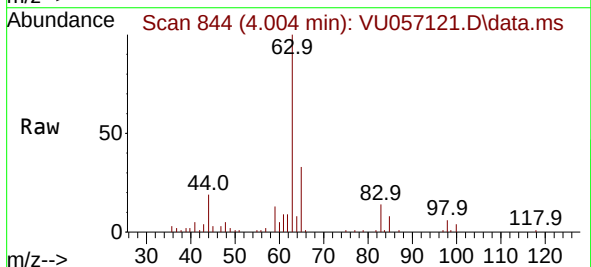
Tgt Ion: 63 Resp: 43656

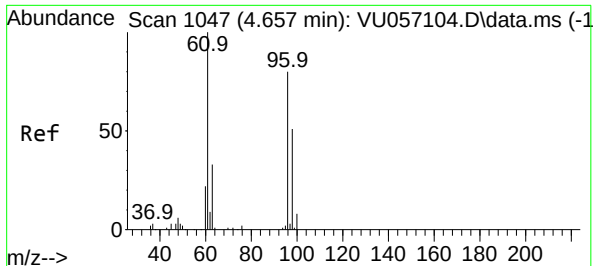
Ion Ratio Lower Upper

63 100

65 32.9 22.9 42.5

83 15.1 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 0.943 ug/L

RT: 4.766 min Scan# 1047

Delta R.T. 0.109 min

Lab File: VU057121.D

Acq: 21 Dec 2023 04:13

Instrument :

MSVOA_U

ClientSampleId :

F7B10

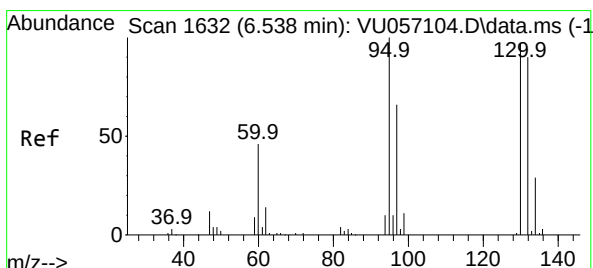
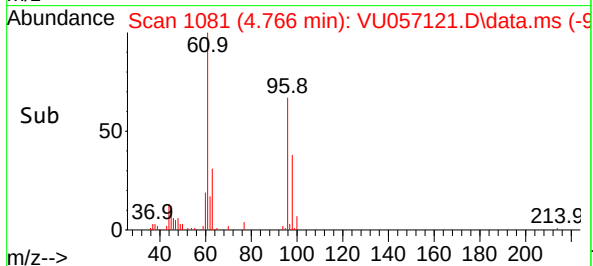
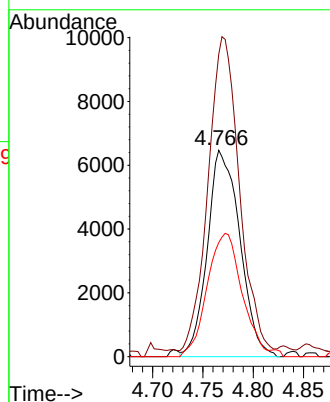
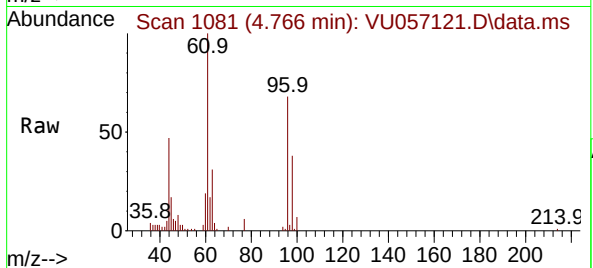
Tgt Ion: 96 Resp: 14539

Ion	Ratio	Lower	Upper
96	100		
61	146.5	91.3	169.6
98	55.3	44.2	82.0

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#34

Trichloroethene

Concen: 0.488 ug/L

RT: 6.650 min Scan# 1667

Delta R.T. 0.112 min

Lab File: VU057121.D

Acq: 21 Dec 2023 04:13

Tgt Ion: 95 Resp: 7996

Ion	Ratio	Lower	Upper
95	100		
97	66.4	46.1	85.5
132	87.6	63.6	118.0
130	89.4	66.4	123.4

