

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056114.D
 Acq On : 08 Nov 2023 11:13
 Operator : MD/SY
 Sample : 05281-04DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC5DL

Quant Time: Nov 08 20:50:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

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

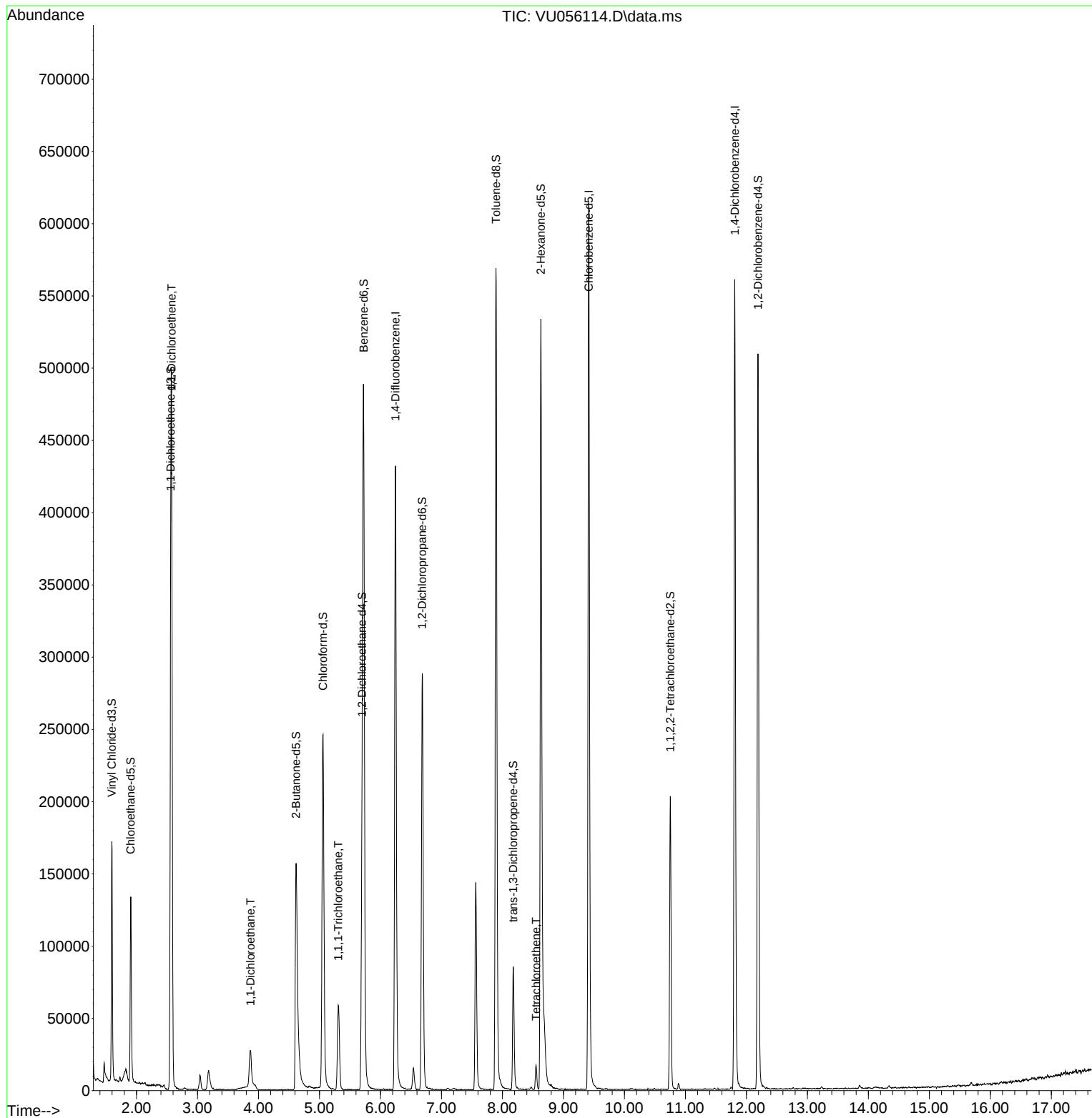
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	370504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	370029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	158948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	120853	5.255	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.200%		
7) Chloroethane-d5	1.904	69	101065	6.476	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 129.600%		
11) 1,1-Dichloroethene-d2	2.560	65	52382	5.170	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.400%		
20) 2-Butanone-d5	4.618	46	233895	61.995	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 123.980%		
24) Chloroform-d	5.058	84	240676	5.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.698	65	112836	5.854	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.000%		
32) Benzene-d6	5.724	84	487815	5.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.800%		
36) 1,2-Dichloropropane-d6	6.685	67	148796	5.688	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 113.800%		
41) Toluene-d8	7.894	98	410804	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 100.800%		
43) trans-1,3-Dichloroprop...	8.177	79	51700	5.170	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.400%		
46) 2-Hexanone-d5	8.631	63	179253	54.691	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 109.380%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	105115	5.630	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	143797	5.866	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.400%		
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	118365	4.971	ug/L	97
19) 1,1-Dichloroethane	3.869	63	31121	0.676	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	45813	1.081	ug/L	97
47) Tetrachloroethene	8.553	164	3698	0.170	ug/L	87

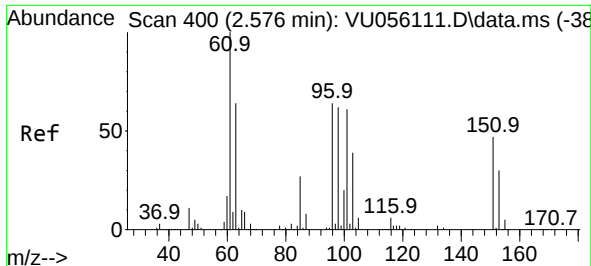
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.971 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AC5DL

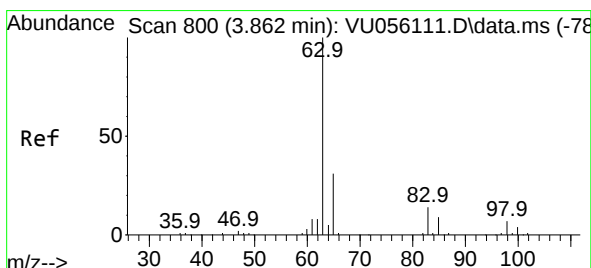
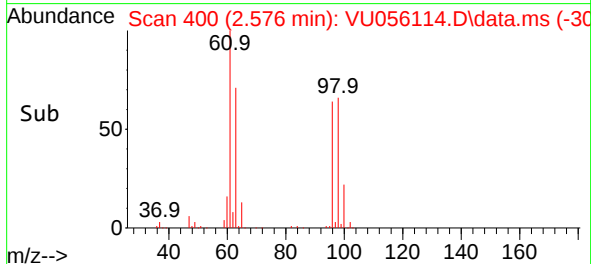
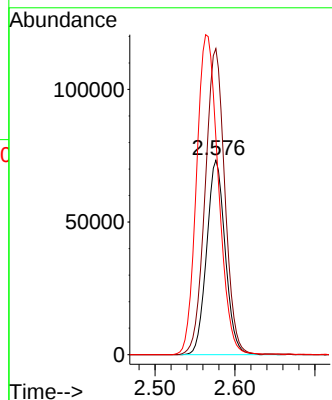
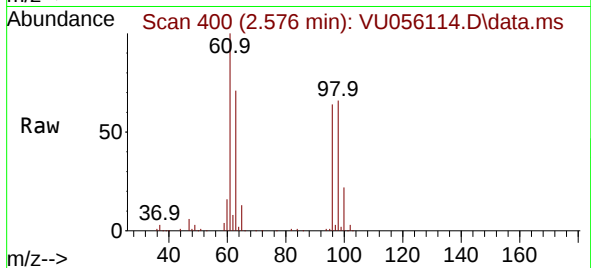
Tgt Ion: 96 Resp: 118365

Ion Ratio Lower Upper

96 100

61 157.4 111.7 207.5

63 111.6 74.5 138.3



#19

1,1-Dichloroethane

Concen: 0.676 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.006 min

Lab File: VU056114.D

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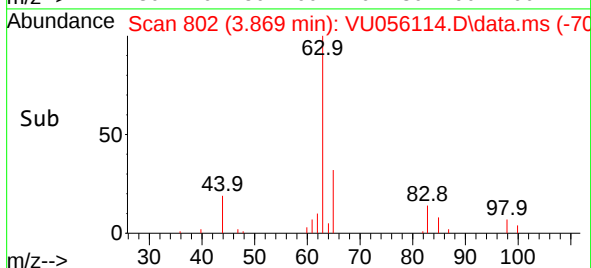
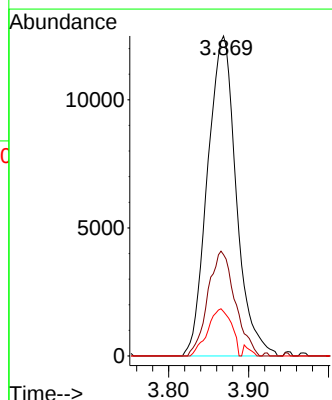
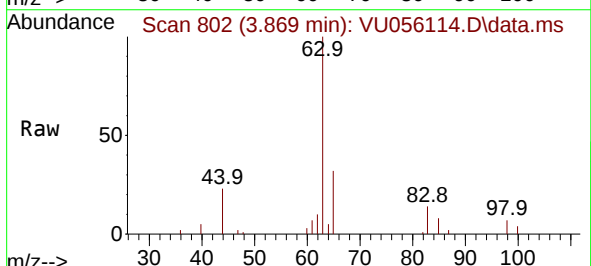
Tgt Ion: 63 Resp: 31121

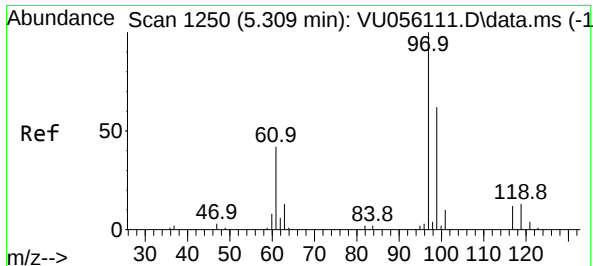
Ion Ratio Lower Upper

63 100

65 31.6 20.6 38.2

83 13.8 9.6 17.8

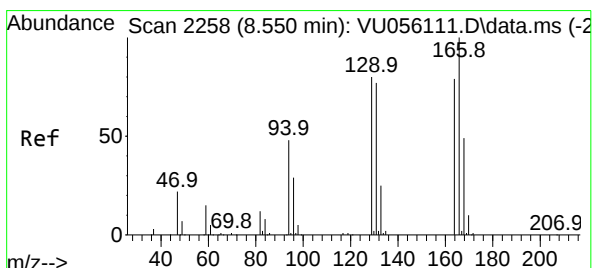
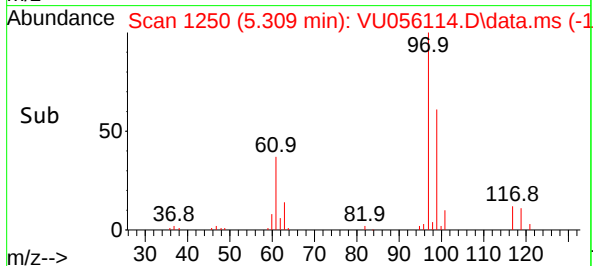
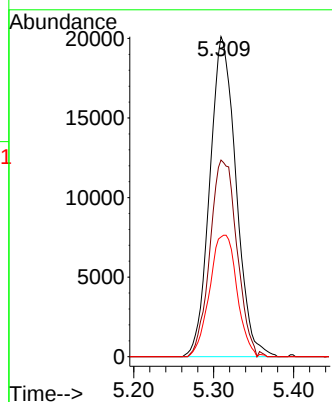
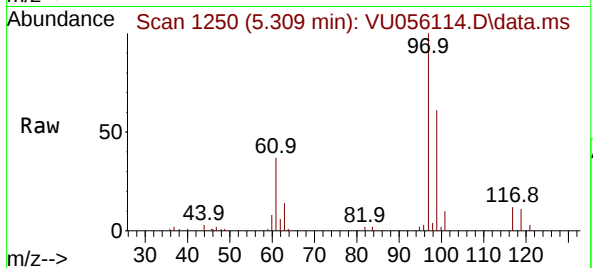




#29
1,1,1-Trichloroethane
Concen: 1.081 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
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Tgt Ion:	97	Resp:	45813
Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.0	78.0
61	39.6	33.4	50.0



#47
Tetrachloroethene
Concen: 0.170 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU056114.D
Acq: 08 Nov 2023 11:13

Tgt Ion:	164	Resp:	3698
Ion	Ratio	Lower	Upper
164	100		
129	108.8	66.6	123.8
131	75.7	67.8	126.0
166	116.2	85.9	159.5

