

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056457.D
 Acq On : 17 Nov 2023 22:17
 Operator : MD/SY
 Sample : 05441-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QG4

Quant Time: Nov 19 01:24:05 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

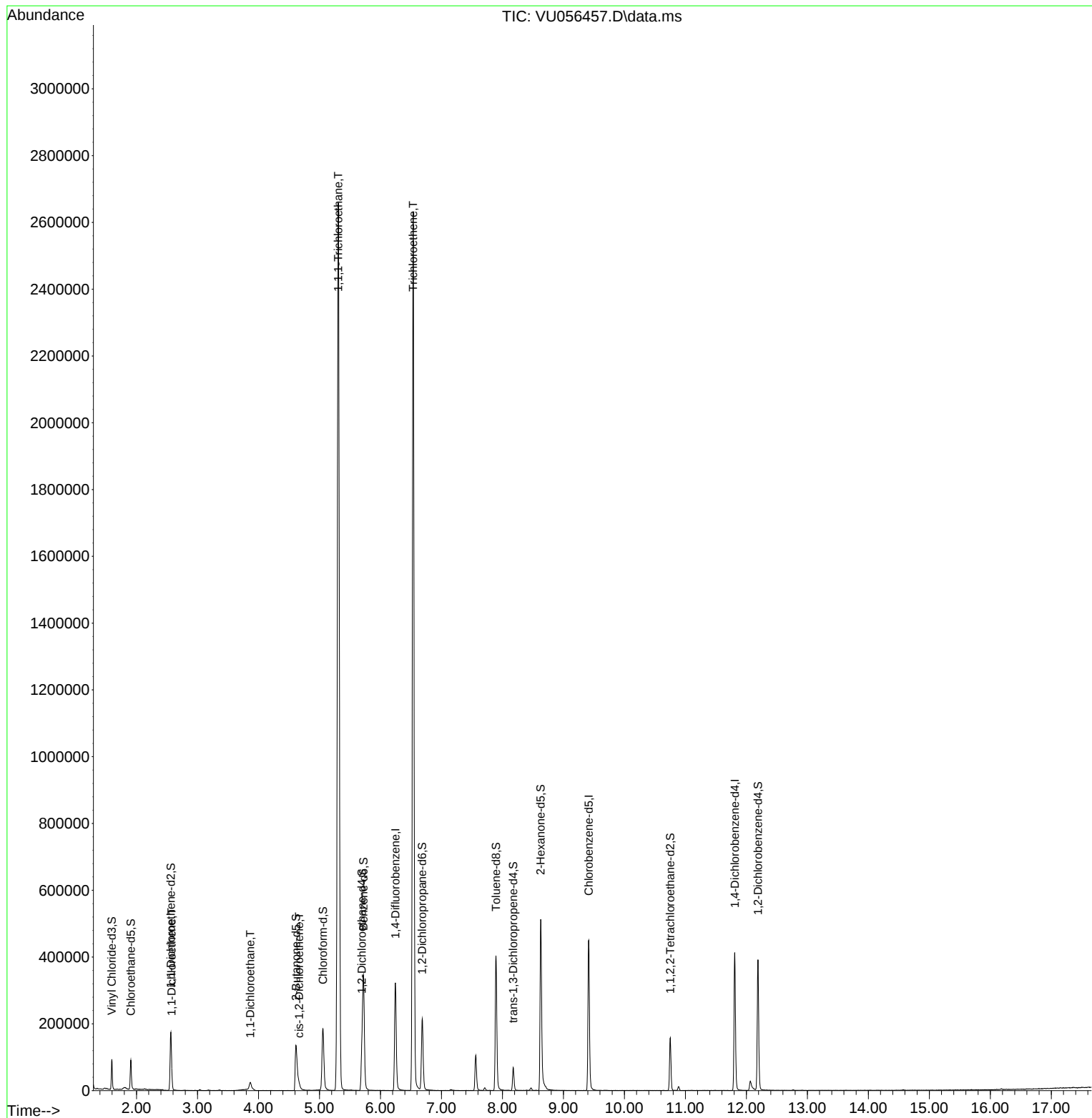
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	260869	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	111531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63418	3.216	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.907	69	67263	4.449	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.563	65	30459	3.500	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.000%	
20) 2-Butanone-d5	4.615	46	202041	51.382	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.760%	
24) Chloroform-d	5.058	84	178433	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.695	65	92750	5.262	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.721	84	329085	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.685	67	104340	4.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.000%	
41) Toluene-d8	7.894	98	278580	4.059	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	8.177	79	40295	4.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.800%	
46) 2-Hexanone-d5	8.627	63	178326	50.510	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.020%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80200	4.791	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	104620	5.078	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	10372	0.643	ug/L	1
19) 1,1-Dichloroethane	3.865	63	23571	0.717	ug/L	96
22) cis-1,2-Dichloroethene	4.666	96	6010	0.319	ug/L	76
29) 1,1,1-Trichloroethane	5.309	97	1990548	66.474	ug/L	99
34) Trichloroethene	6.537	95	935239	46.115	ug/L	99

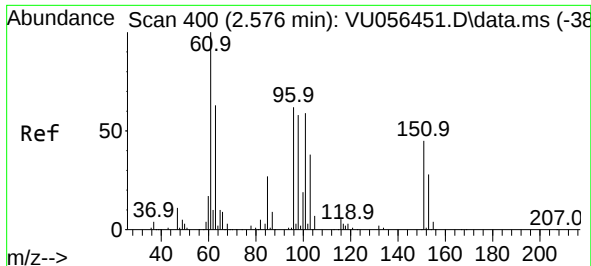
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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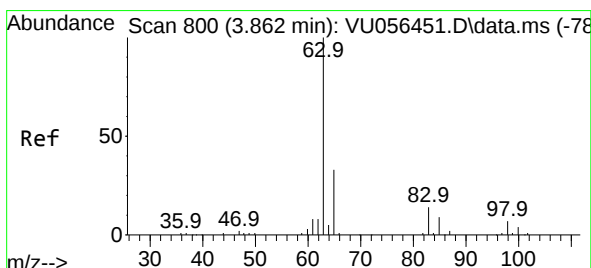
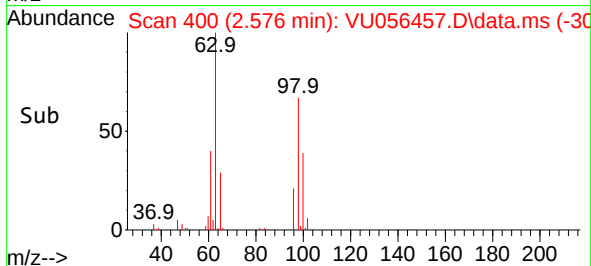
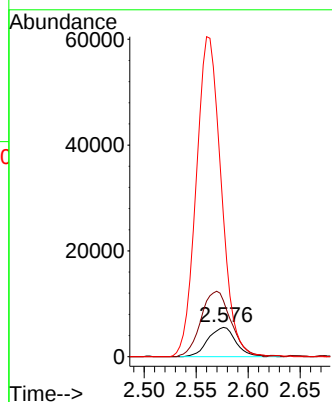
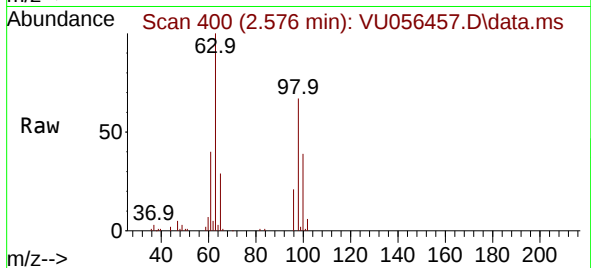




#12
 1,1-Dichloroethene
 Concen: 0.643 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU056457.D
 Acq: 17 Nov 2023 22:17

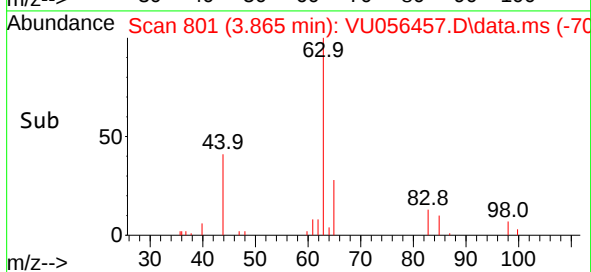
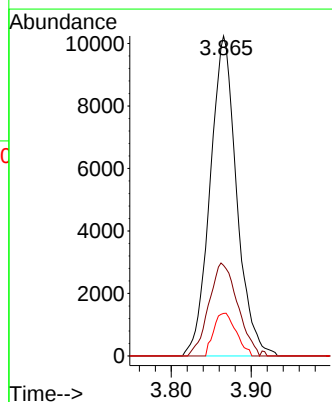
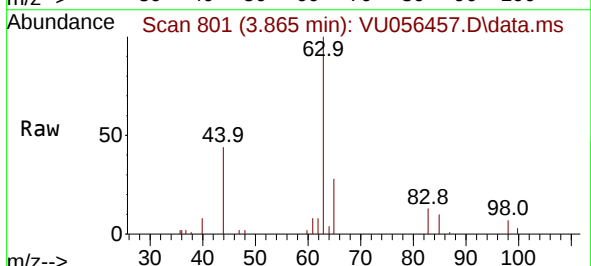
Instrument :
 MSVOA_U
 ClientSampleId :
 C0QG4

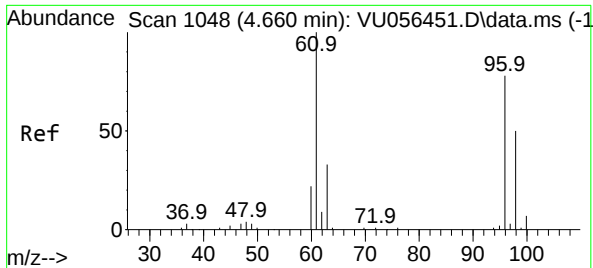
Tgt Ion: 96 Resp: 10372
 Ion Ratio Lower Upper
 96 100
 61 191.2 123.1 228.7
 63 481.5 93.3 173.3#



#19
 1,1-Dichloroethane
 Concen: 0.717 ug/L
 RT: 3.865 min Scan# 801
 Delta R.T. 0.003 min
 Lab File: VU056457.D
 Acq: 17 Nov 2023 22:17

Tgt Ion: 63 Resp: 23571
 Ion Ratio Lower Upper
 63 100
 65 28.3 21.8 40.6
 83 13.3 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 0.319 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU056457.D

Acq: 17 Nov 2023 22:17

Instrument :

MSVOA_U

ClientSampleId :

C0QG4

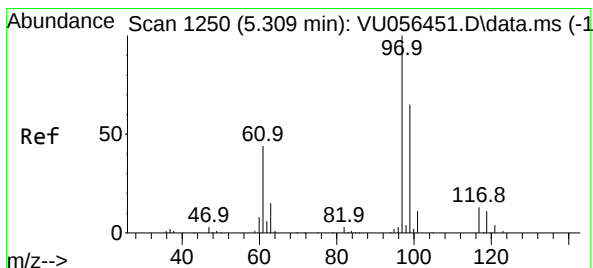
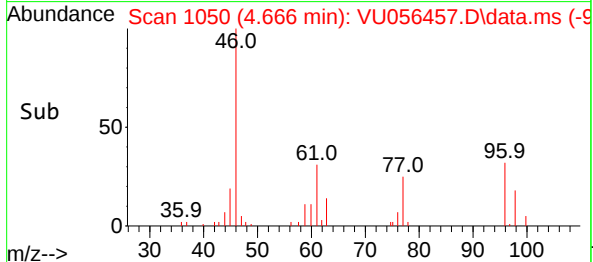
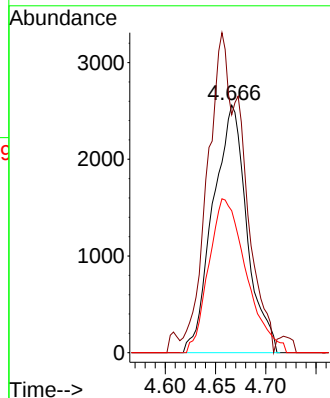
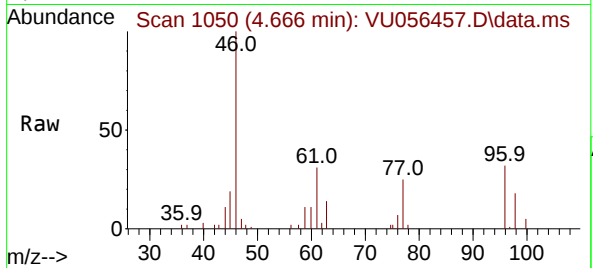
Tgt Ion: 96 Resp: 6010

Ion Ratio Lower Upper

96 100

61 96.1 93.2 173.2

98 57.3 44.8 83.2



#29

1,1,1-Trichloroethane

Concen: 66.474 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056457.D

Acq: 17 Nov 2023 22:17

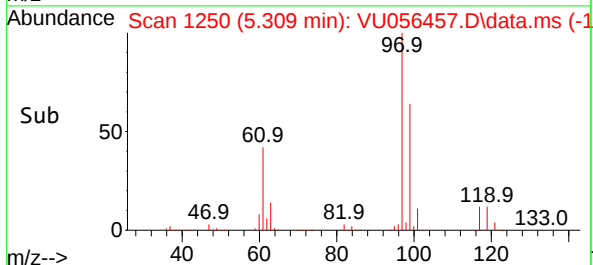
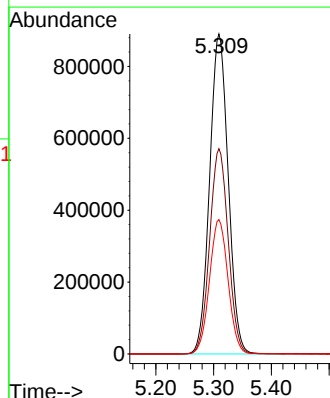
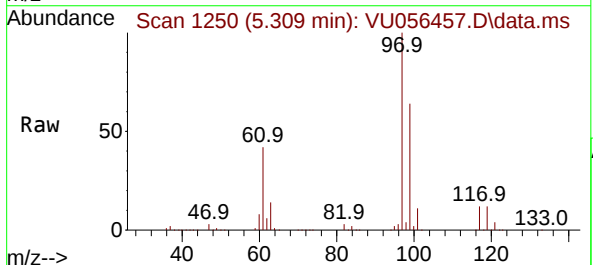
Tgt Ion: 97 Resp: 1990548

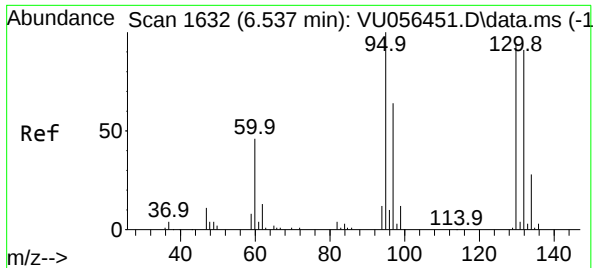
Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 42.1 34.3 51.5





#34
 Trichloroethene
 Concen: 46.115 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU056457.D
 Acq: 17 Nov 2023 22:17

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QG4

Tgt Ion: 95 Resp: 935239

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.5	86.3
132	90.2	62.0	115.2
130	94.9	66.3	123.1

