

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056560.D
 Acq On : 21 Nov 2023 18:46
 Operator : MD/SY
 Sample : 05441-06DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QG1DL

Quant Time: Nov 21 23:37:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

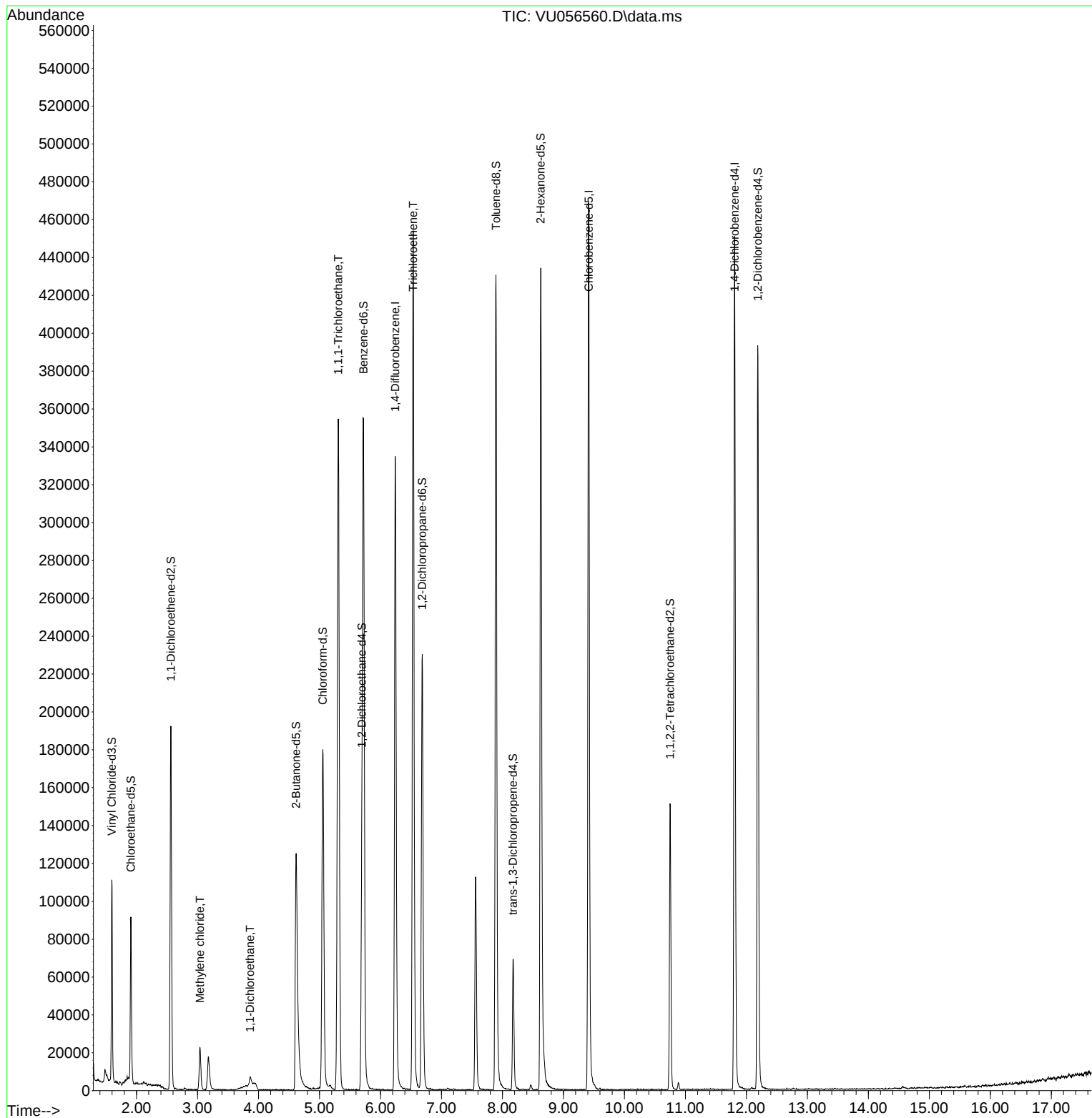
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	275564	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	274266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76110	3.693	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.907	69	62433	3.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.563	65	37048	4.073	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.400%	
20) 2-Butanone-d5	4.618	46	188271	45.809	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.620%	
24) Chloroform-d	5.055	84	174933	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.695	65	90621	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.721	84	344665	4.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.685	67	113263	4.599	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.894	98	302533	4.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.174	79	41988	4.445	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.627	63	154582	41.646	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.300%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	76805	4.364	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	104886	4.689	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.800%	
Target Compounds						
						Qvalue
16) Methylene chloride	3.039	84	11481	0.514	ug/L	89
19) 1,1-Dichloroethane	3.862	63	5110	0.149	ug/L	88
29) 1,1,1-Trichloroethane	5.309	97	265547	8.435	ug/L	99
34) Trichloroethene	6.537	95	159989	7.503	ug/L	98

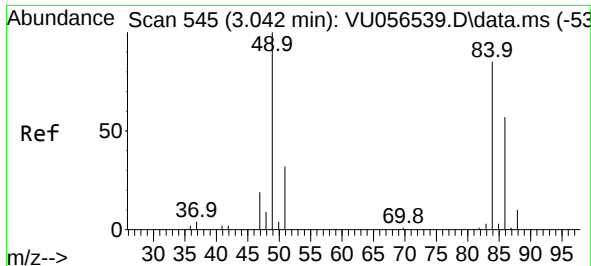
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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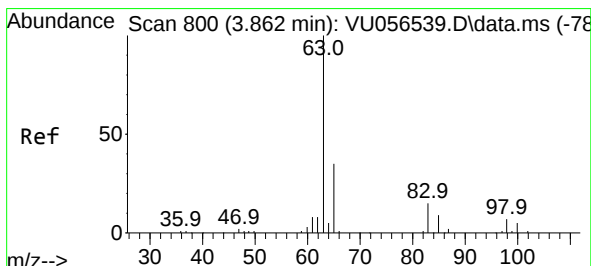
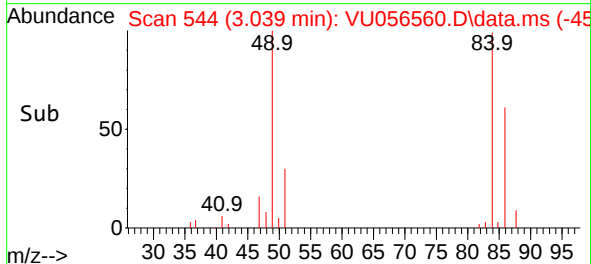
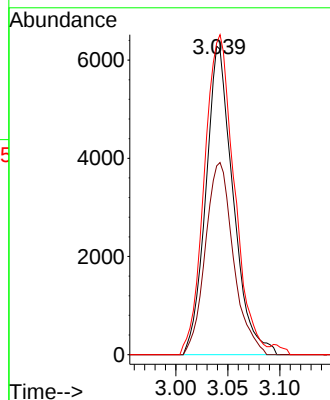
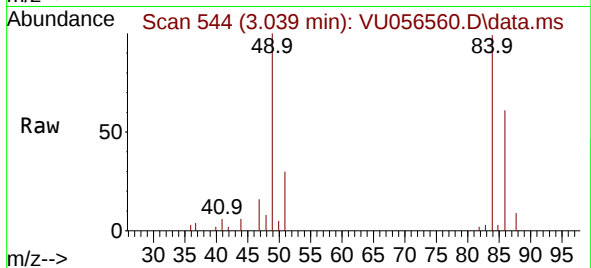




#16
Methylene chloride
Concen: 0.514 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU056560.D
Acq: 21 Nov 2023 18:46

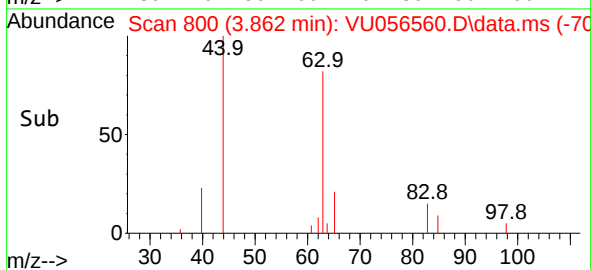
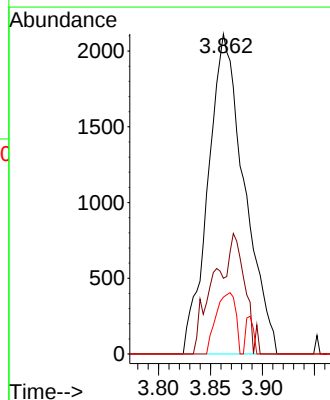
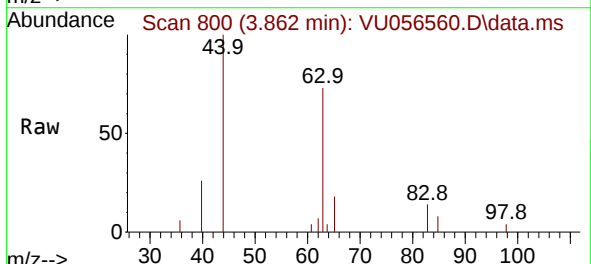
Instrument :
MSVOA_U
ClientSampleId :
C0QG1DL

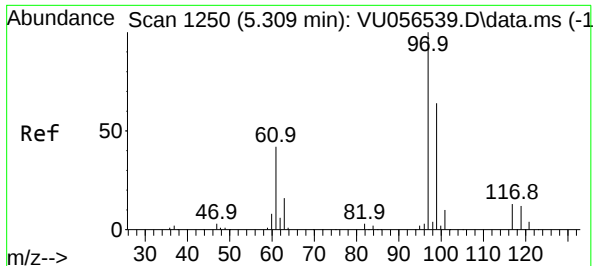
Tgt Ion: 84 Resp: 11481
Ion Ratio Lower Upper
84 100
86 61.2 44.7 83.1
49 101.1 81.8 152.0



#19
1,1-Dichloroethane
Concen: 0.149 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056560.D
Acq: 21 Nov 2023 18:46

Tgt Ion: 63 Resp: 5110
Ion Ratio Lower Upper
63 100
65 23.7 21.8 40.6
83 17.7 9.7 17.9





#29

1,1,1-Trichloroethane

Concen: 8.435 ug/L

RT: 5.309 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056560.D

Acq: 21 Nov 2023 18:46

Instrument :

MSVOA_U

ClientSampleId :

C0QG1DL

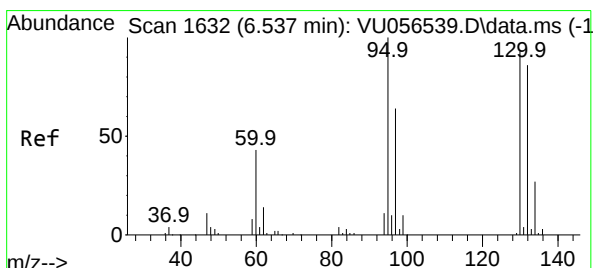
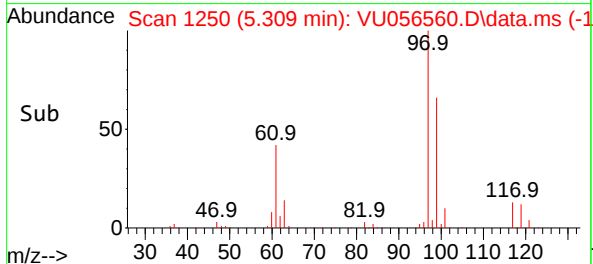
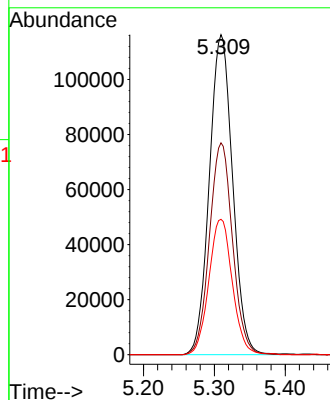
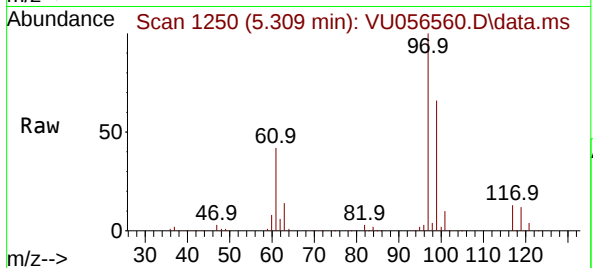
Tgt Ion: 97 Resp: 265547

Ion Ratio Lower Upper

97 100

99 65.8 51.6 77.4

61 42.6 34.3 51.5



#34

Trichloroethene

Concen: 7.503 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU056560.D

Acq: 21 Nov 2023 18:46

Tgt Ion: 95 Resp: 159989

Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.3

132 92.5 62.0 115.2

130 95.2 66.3 123.1

