

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056526.D
 Acq On : 20 Nov 2023 14:49
 Operator : MD/SY
 Sample : 05411-10DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QH5DL

Quant Time: Nov 21 00:40:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

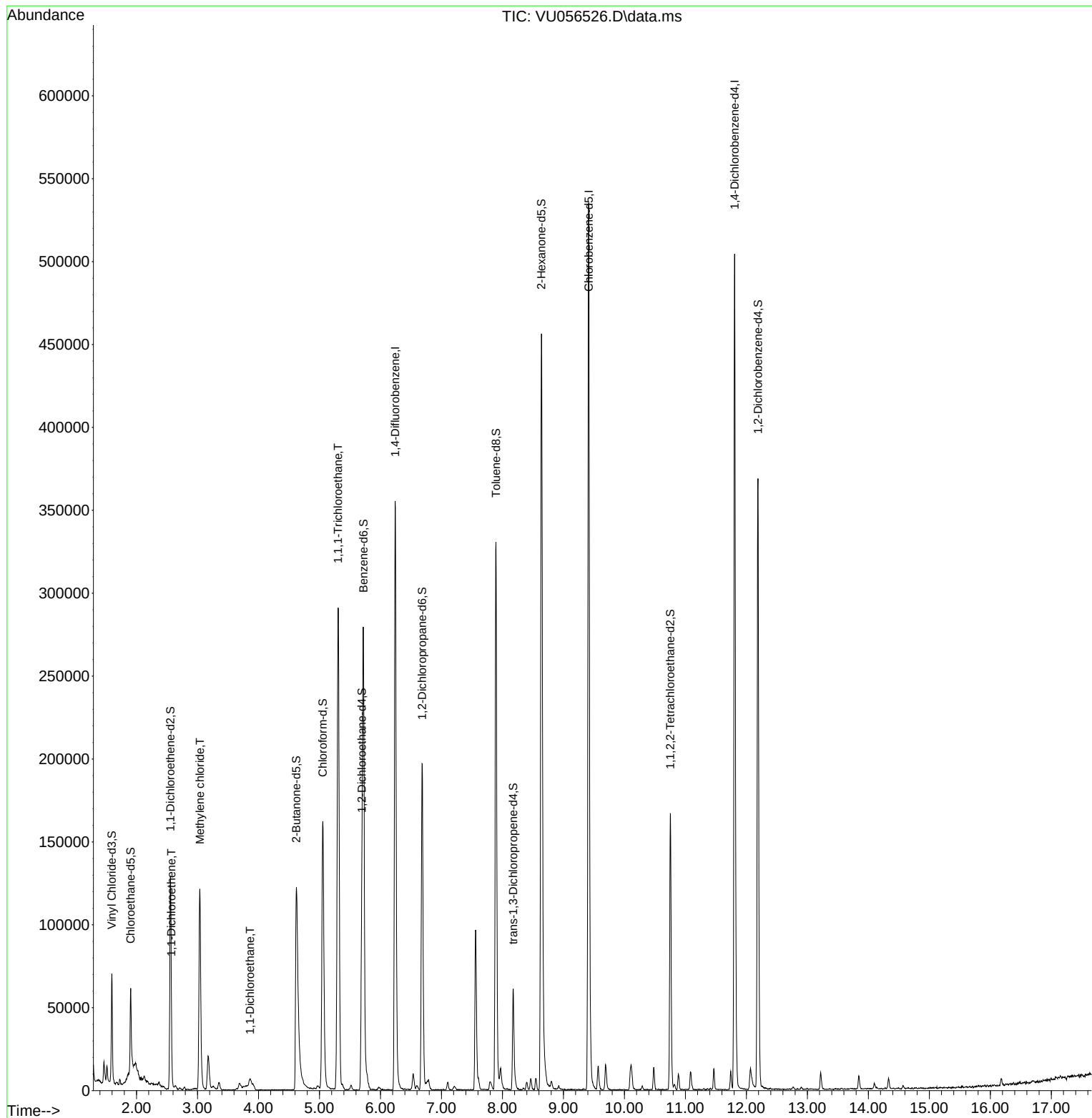
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	290852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	129482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49174	2.260	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	45.200%	
7) Chloroethane-d5	1.904	69	37339	2.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	44.800%#	
11) 1,1-Dichloroethene-d2	2.557	65	24407	2.542	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.800%#	
20) 2-Butanone-d5	4.621	46	203075	46.814	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.620%	
24) Chloroform-d	5.055	84	154946	3.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	73.600%	
26) 1,2-Dichloroethane-d4	5.695	65	78113	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
32) Benzene-d6	5.721	84	265591	2.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	58.400%#	
36) 1,2-Dichloropropane-d6	6.685	67	97505	3.562	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	71.200%	
41) Toluene-d8	7.894	98	227069	2.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	56.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	35954	3.425	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.400%	
46) 2-Hexanone-d5	8.640	63	187165	45.365	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.740%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82743	4.230	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	95944	4.011	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	80.200%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3349	0.188	ug/L	# 1
16) Methylene chloride	3.039	84	65508	2.780	ug/L	95
19) 1,1-Dichloroethane	3.862	63	5131	0.141	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	219467	6.272	ug/L	99

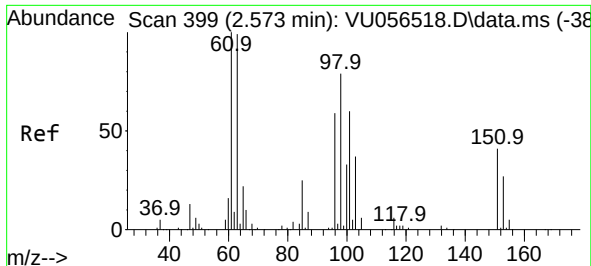
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.188 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU056526.D

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Instrument :

MSVOA_U

ClientSampleId :

C0QH5DL

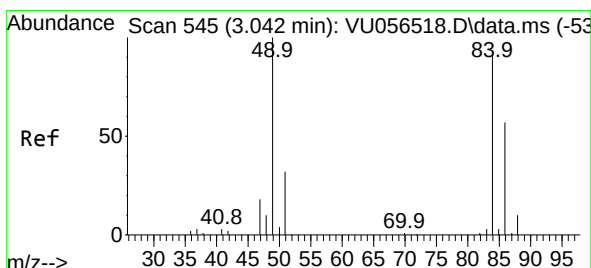
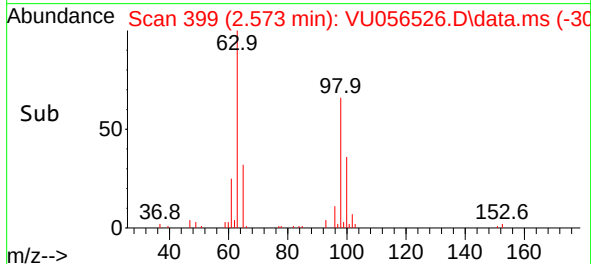
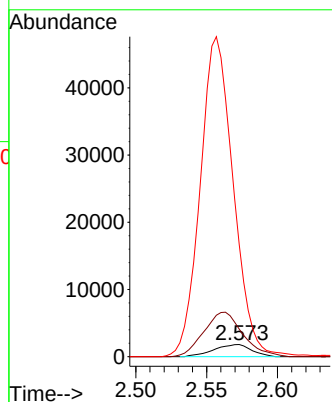
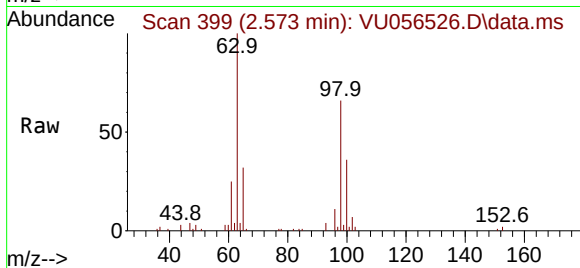
Tgt Ion: 96 Resp: 3349

Ion Ratio Lower Upper

96 100

61 227.2 123.1 228.7

63 925.2 93.3 173.3#



#16

Methylene chloride

Concen: 2.780 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

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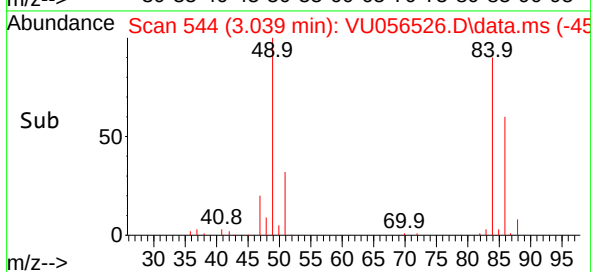
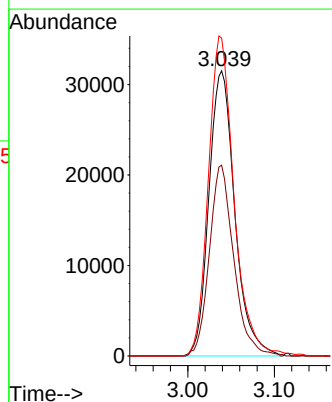
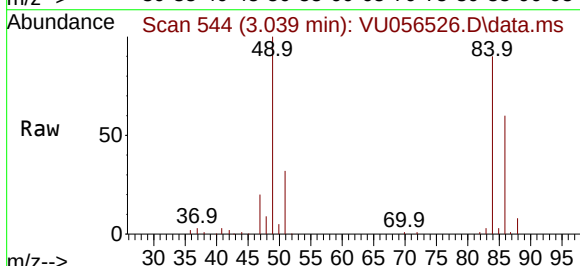
Tgt Ion: 84 Resp: 65508

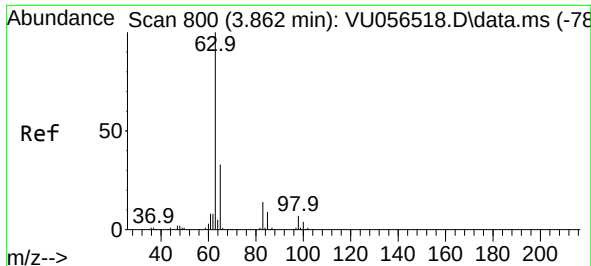
Ion Ratio Lower Upper

84 100

86 66.9 44.7 83.1

49 111.5 81.8 152.0

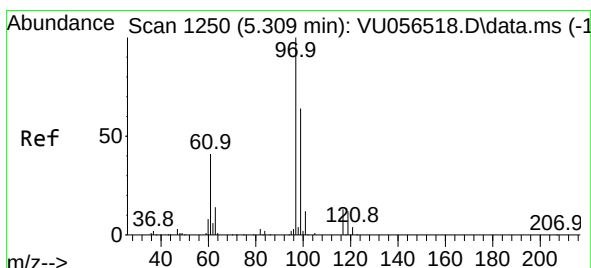
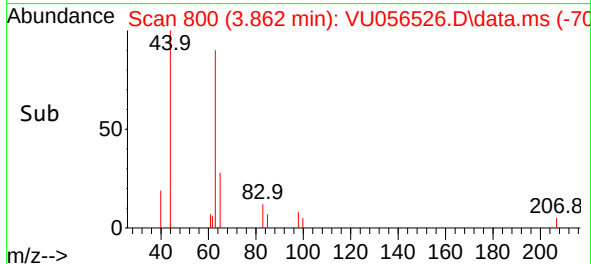
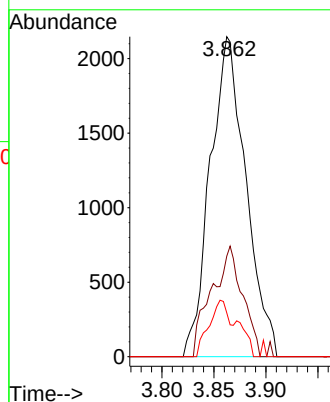
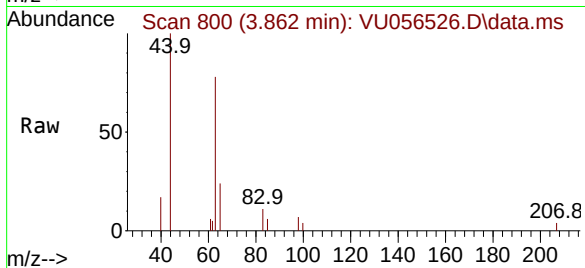




#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.000 min
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Tgt Ion:	63	Resp:	5131
Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.6
83	13.7	9.7	17.9



#29
1,1,1-Trichloroethane
Concen: 6.272 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU056526.D
Acq: 20 Nov 2023 14:49

Tgt Ion:	97	Resp:	219467
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.6	77.4
61	41.9	34.3	51.5

