

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056018.D
 Acq On : 31 Oct 2023 17:19
 Operator : MD/SY
 Sample : VIBLK152
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK152

Quant Time: Nov 01 01:11:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

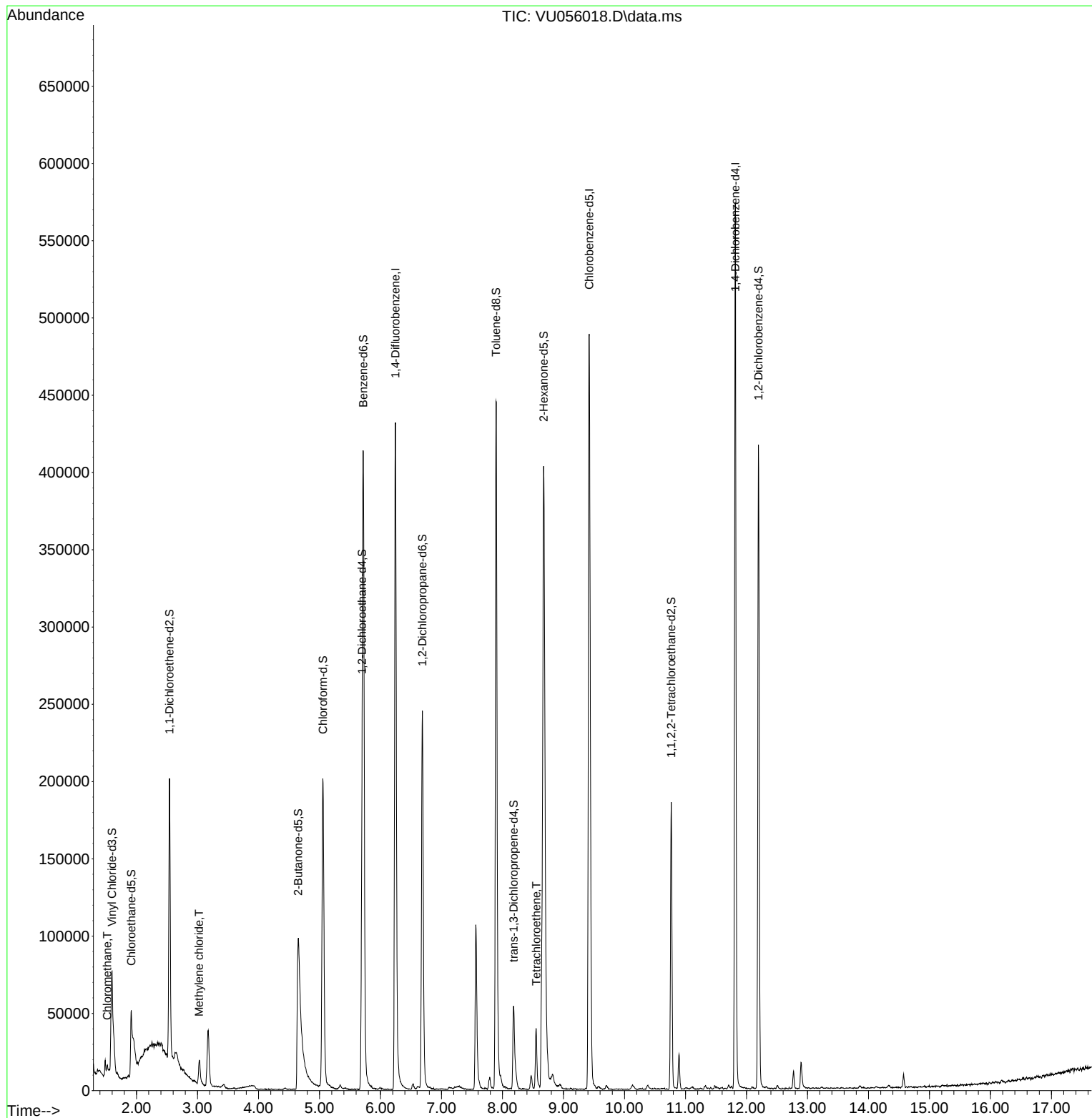
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	387727	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	379616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.817	152	155309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80751	2.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.600%
7) Chloroethane-d5	1.914	69	74264	3.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.200%#
11) 1,1-Dichloroethene-d2	2.541	65	36356	2.792	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.800%#
20) 2-Butanone-d5	4.650	46	244818	44.743	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.480%
24) Chloroform-d	5.055	84	200282	3.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	5.698	65	100376	3.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
32) Benzene-d6	5.717	84	400002	3.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.685	67	129134	3.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.894	98	338069	3.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	8.184	79	44433	3.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.675	63	215250	64.676	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.360%
56) 1,1,2,2-Tetrachloroeth...	10.765	84	98493	4.035	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%
66) 1,2-Dichlorobenzene-d4	12.196	152	115402	3.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.521	50	3057	0.145	ug/L	97
16) Methylene chloride	3.026	84	8997	0.423	ug/L	98
47) Tetrachloroethene	8.553	164	9986	0.608	ug/L	98

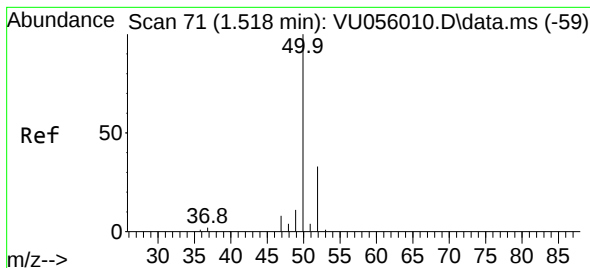
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.521 min Scan# 71

Delta R.T. 0.003 min

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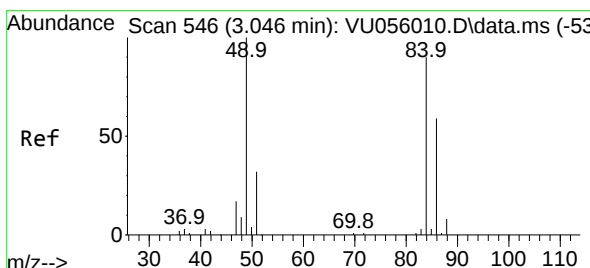
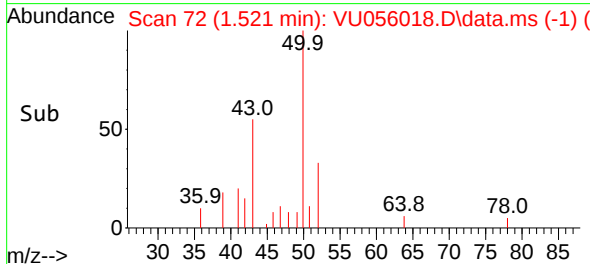
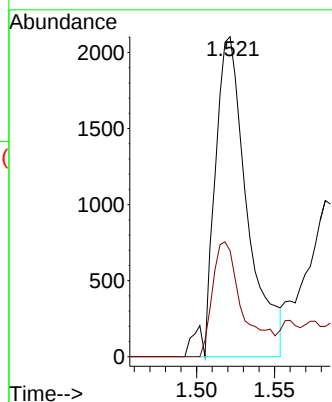
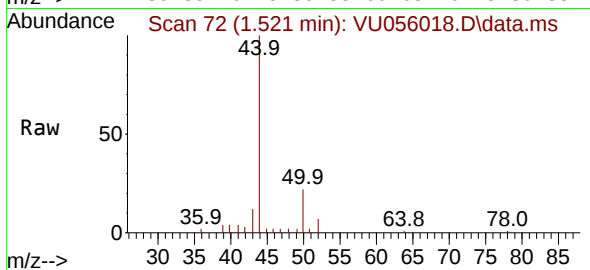
VIBLK152

Tgt Ion: 50 Resp: 3057

Ion Ratio Lower Upper

50 100

52 33.1 22.0 40.8



#16

Methylene chloride

Concen: 0.423 ug/L

RT: 3.026 min Scan# 540

Delta R.T. -0.019 min

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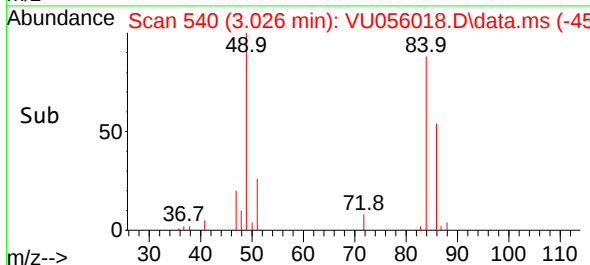
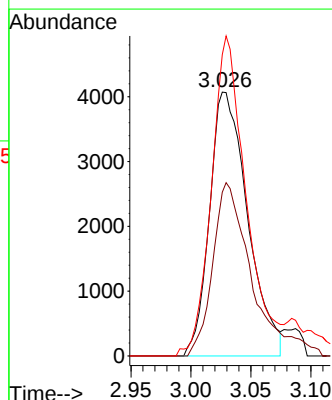
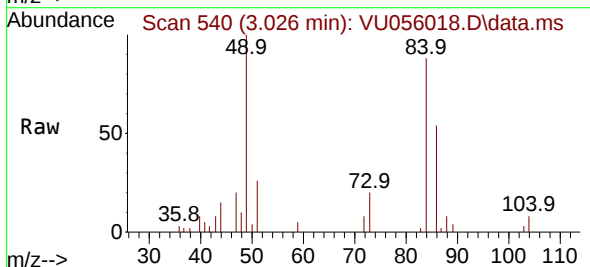
Tgt Ion: 84 Resp: 8997

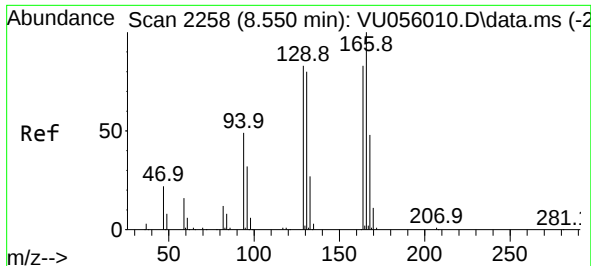
Ion Ratio Lower Upper

84 100

86 62.0 45.2 84.0

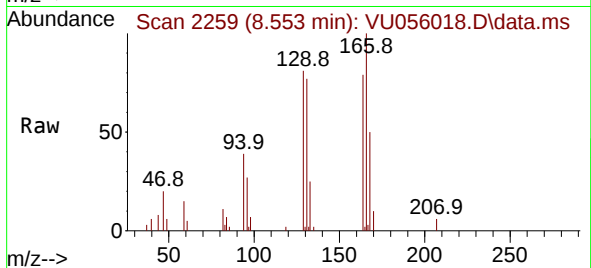
49 114.2 78.8 146.3





#47
 Tetrachloroethene
 Concen: 0.608 ug/L
 RT: 8.553 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion:	164	Resp:	9986
Ion	Ratio	Lower	Upper
164	100		
129	102.0	72.2	134.0
131	97.0	70.8	131.6
166	126.7	89.0	165.2

