

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056043.D
 Acq On : 01 Nov 2023 16:42
 Operator : MD/SY
 Sample : 05113-12DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B56DL

Quant Time: Nov 02 02:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

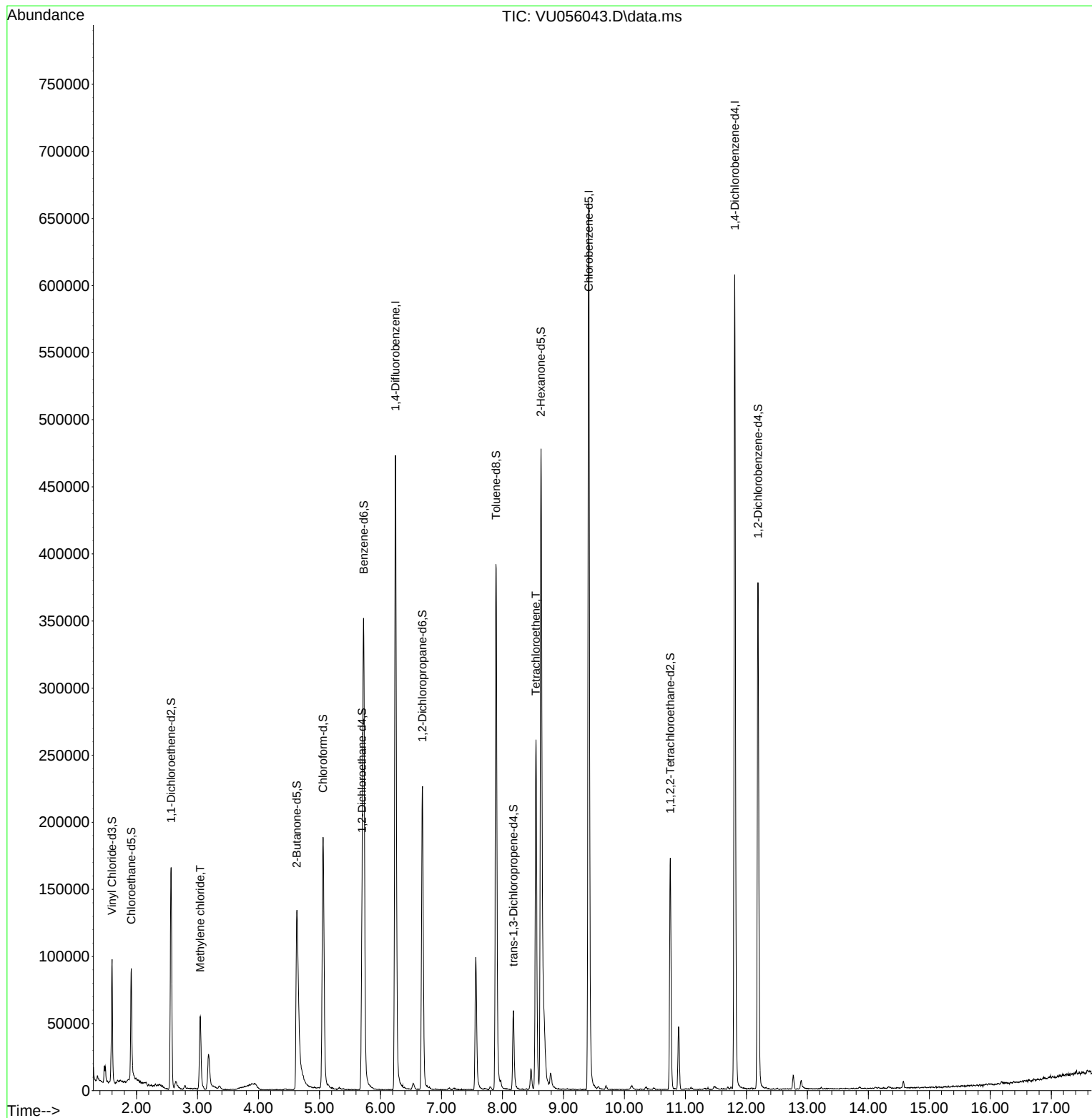
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	401224	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	399026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	172137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	65714	2.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	41.400%
7) Chloroethane-d5	1.914	69	63547	2.569	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	51.400%#
11) 1,1-Dichloroethene-d2	2.567	65	31270	2.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.400%#
20) 2-Butanone-d5	4.628	46	224865	39.714	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.420%
24) Chloroform-d	5.058	84	186061	3.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.200%#
26) 1,2-Dichloroethane-d4	5.698	65	89252	3.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.200%#
32) Benzene-d6	5.724	84	346557	2.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.400%#
36) 1,2-Dichloropropane-d6	6.689	67	115158	3.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	65.400%
41) Toluene-d8	7.894	98	283695	2.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	52.600%#
43) trans-1,3-Dichloroprop...	8.180	79	37533	2.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	54.400%#
46) 2-Hexanone-d5	8.631	63	169610	48.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89352	3.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	106869	3.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.600%#
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	28904	1.312	ug/L	99
47) Tetrachloroethene	8.550	164	60518	3.508	ug/L	96

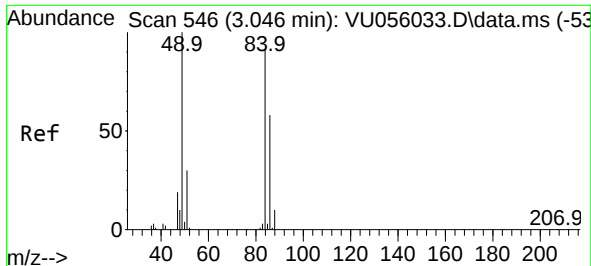
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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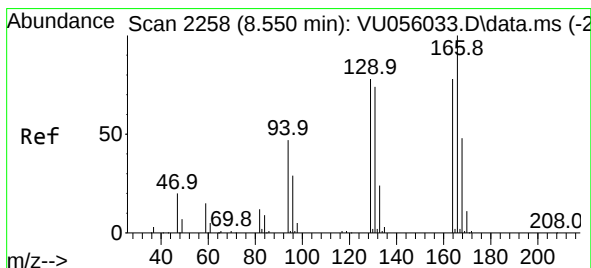
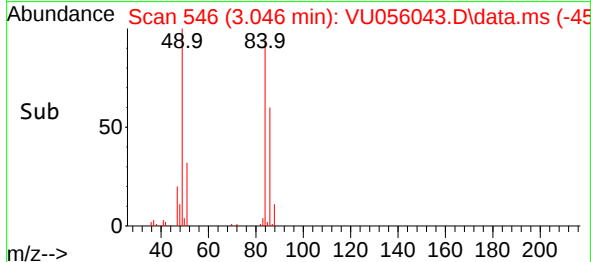
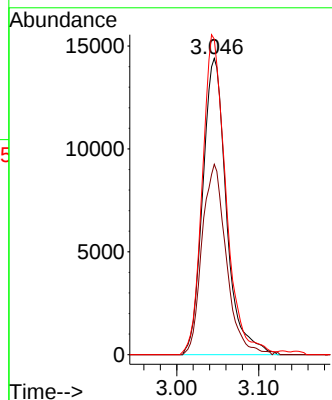
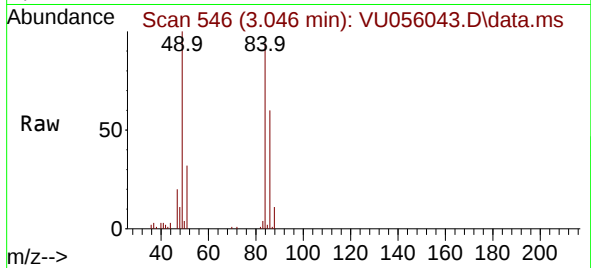




#16
Methylene chloride
Concen: 1.312 ug/L
RT: 3.046 min Scan# 546
Delta R.T. -0.000 min
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Tgt Ion: 84 Resp: 28904
Ion Ratio Lower Upper
84 100
86 64.2 45.2 84.0
49 111.0 78.8 146.3



#47
Tetrachloroethene
Concen: 3.508 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056043.D
Acq: 01 Nov 2023 16:42

Tgt Ion:164 Resp: 60518
Ion Ratio Lower Upper
164 100
129 99.7 72.2 134.0
131 96.7 70.8 131.6
166 131.9 89.0 165.2

