

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057074.D
 Acq On : 20 Dec 2023 03:40
 Operator : MD/SY
 Sample : 05890-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGR39DL

Quant Time: Dec 20 06:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 06:35:40 2023
 Response via : Initial Calibration

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

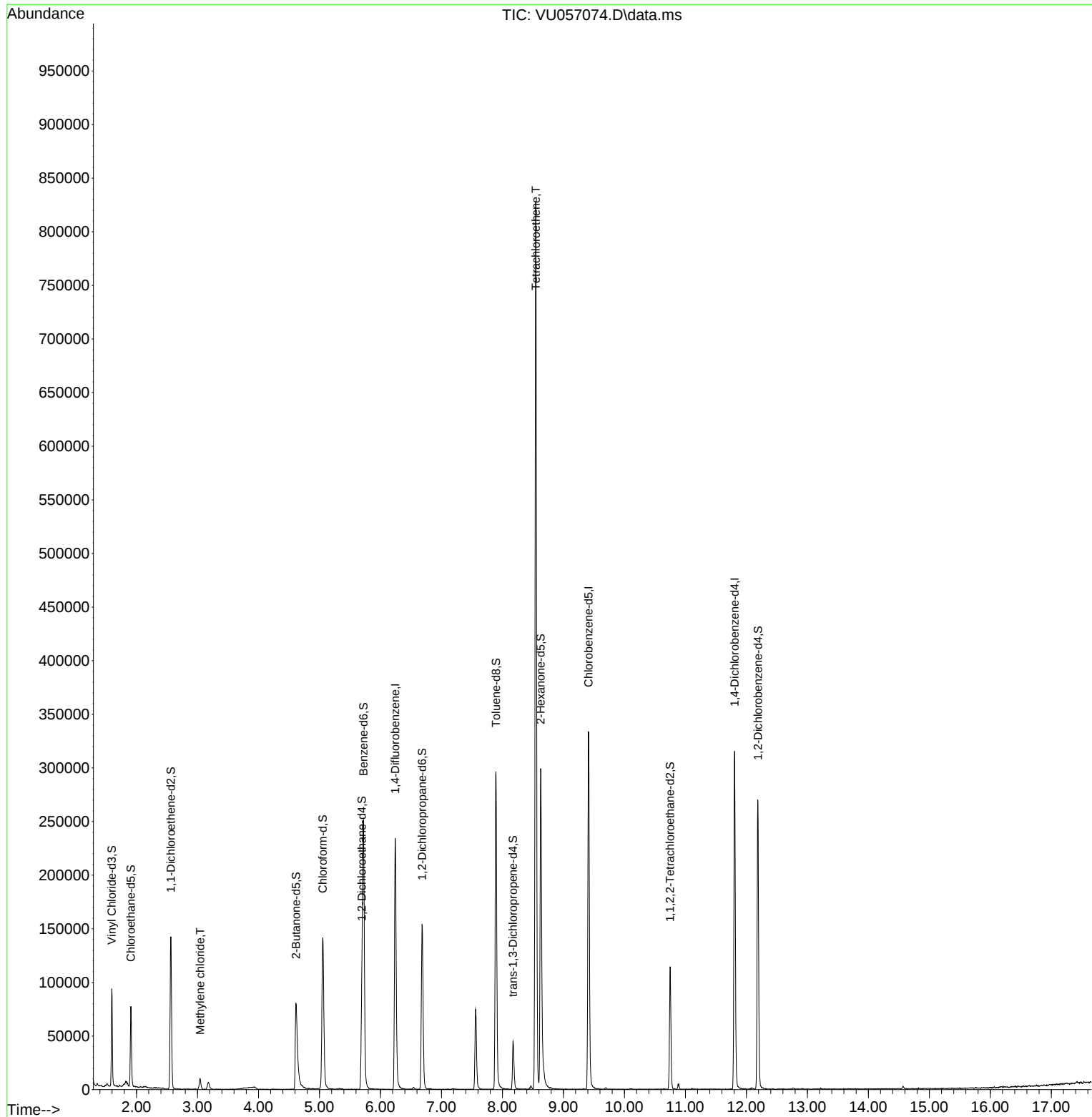
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	187137	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63829	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.907	69	55951	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	65	27428	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	4.615	46	118906	37.536	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.080%
24) Chloroform-d	5.055	84	135751	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	67253	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.721	84	244143	4.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	73246	3.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.000%
41) Toluene-d8	7.894	98	204139	3.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.174	79	28281	3.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.627	63	99982	36.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56642	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	70803	4.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	5027	0.304	ug/L	96
47) Tetrachloroethene	8.547	164	174632	13.557	ug/L	98

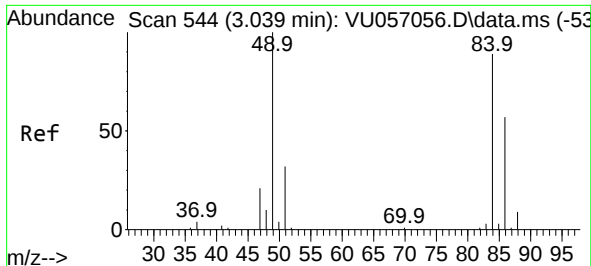
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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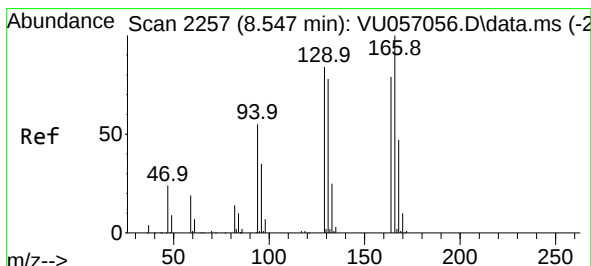
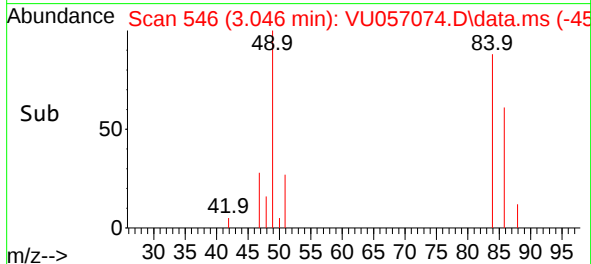
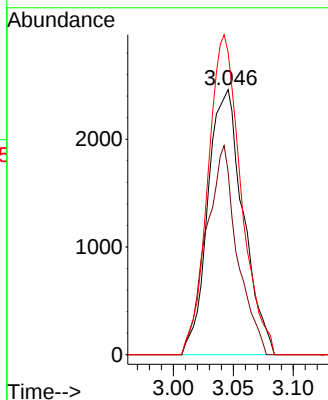
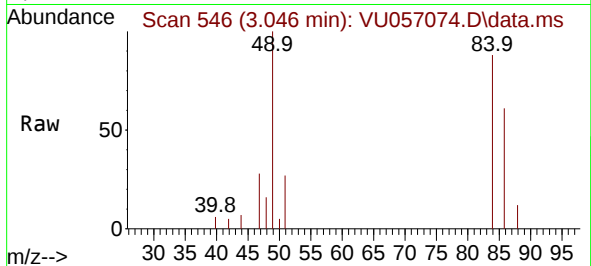




#16
Methylene chloride
Concen: 0.304 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.006 min
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Tgt Ion: 84 Resp: 5027
Ion Ratio Lower Upper
84 100
86 69.0 43.6 81.0
49 114.0 80.6 149.6



#47
Tetrachloroethene
Concen: 13.557 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057074.D
Acq: 20 Dec 2023 03:40

Tgt Ion:164 Resp: 174632
Ion Ratio Lower Upper
164 100
129 104.6 73.4 136.4
131 100.8 71.5 132.9
166 128.0 92.7 172.1

