

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057073.D
 Acq On : 20 Dec 2023 03:16
 Operator : MD/SY
 Sample : 05890-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGRT6

Quant Time: Dec 20 06:58:26 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)

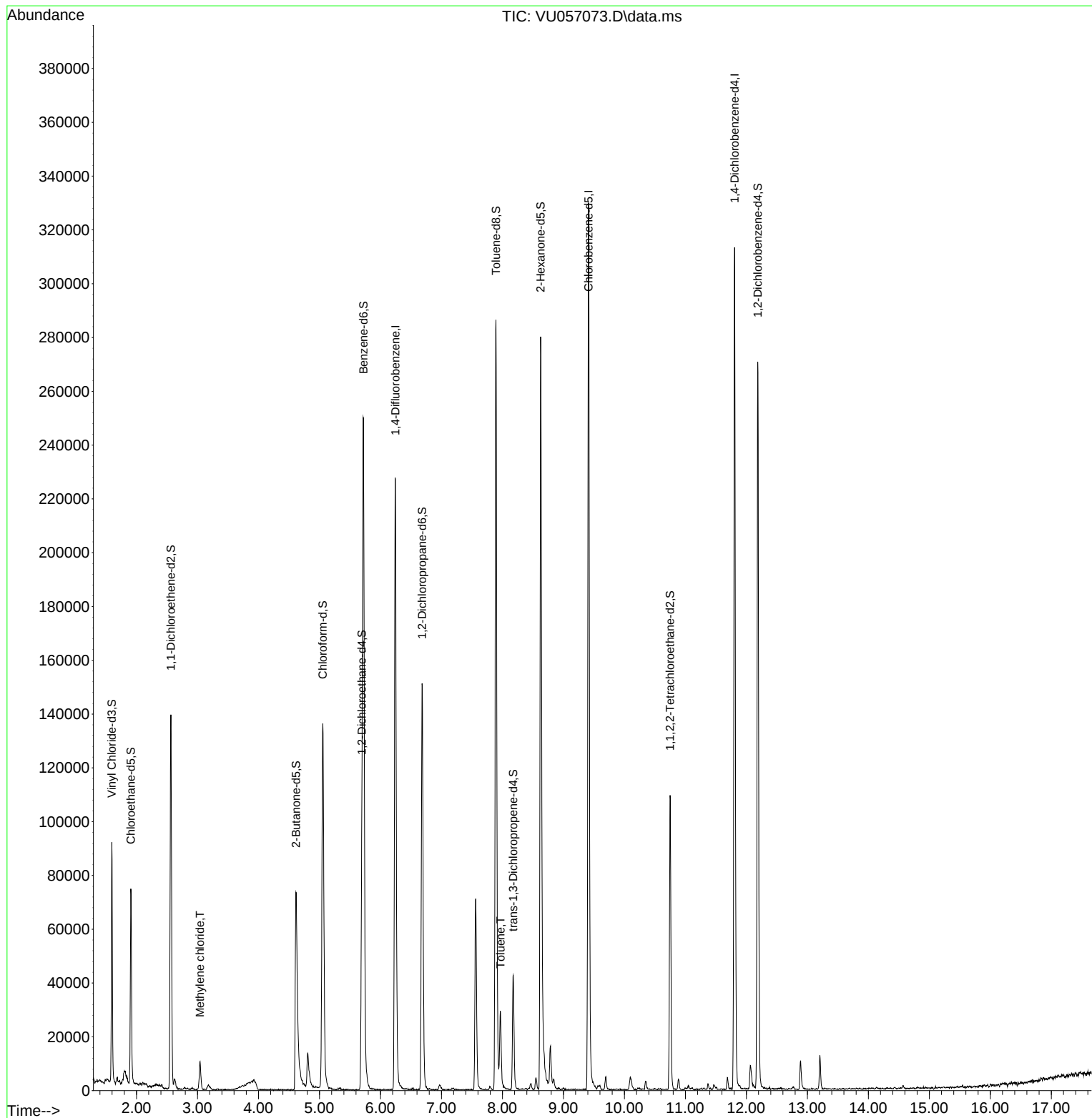
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	180904	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	188085	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61921	3.993	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.907	69	54919	4.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.563	65	27266	4.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.615	46	115275	37.643	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.280%
24) Chloroform-d	5.055	84	130479	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	63718	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.721	84	237559	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	71342	3.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	198351	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	26647	3.763	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.627	63	92464	34.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52934	4.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	71307	4.368	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	5056	0.316	ug/L	84
42) Toluene	7.968	91	22276	0.326	ug/L	96

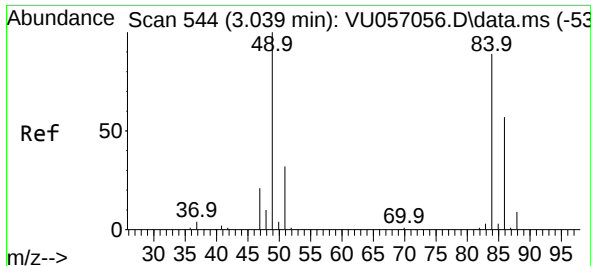
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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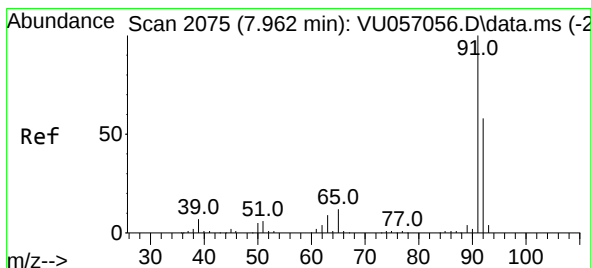
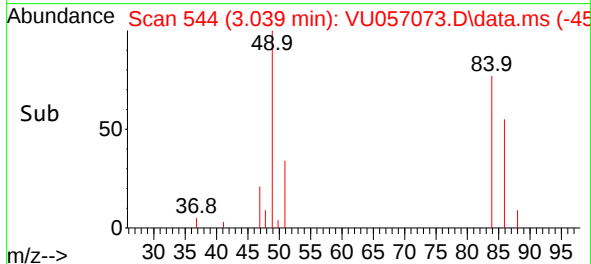
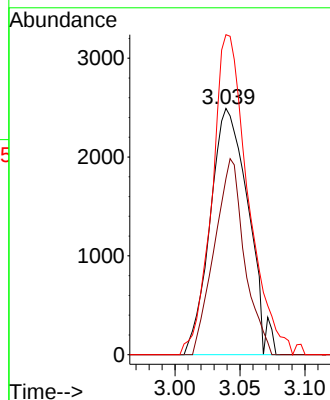
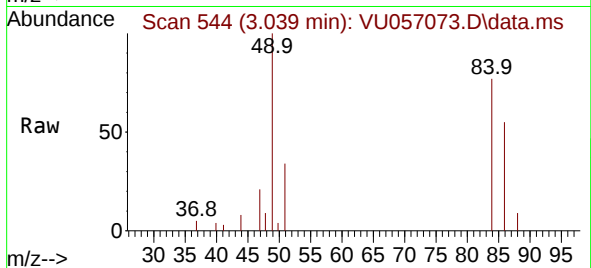




#16
Methylene chloride
Concen: 0.316 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
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Tgt Ion: 84 Resp: 5056
Ion Ratio Lower Upper
84 100
86 71.5 43.6 81.0
49 135.2 80.6 149.6



#42
Toluene
Concen: 0.326 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VU057073.D
Acq: 20 Dec 2023 03:16

Tgt Ion: 91 Resp: 22276
Ion Ratio Lower Upper
91 100
92 54.6 40.4 75.0

