

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056835.D
 Acq On : 14 Dec 2023 13:41
 Operator : MD/SY
 Sample : 05799-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGRR2

Quant Time: Dec 15 00:52:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

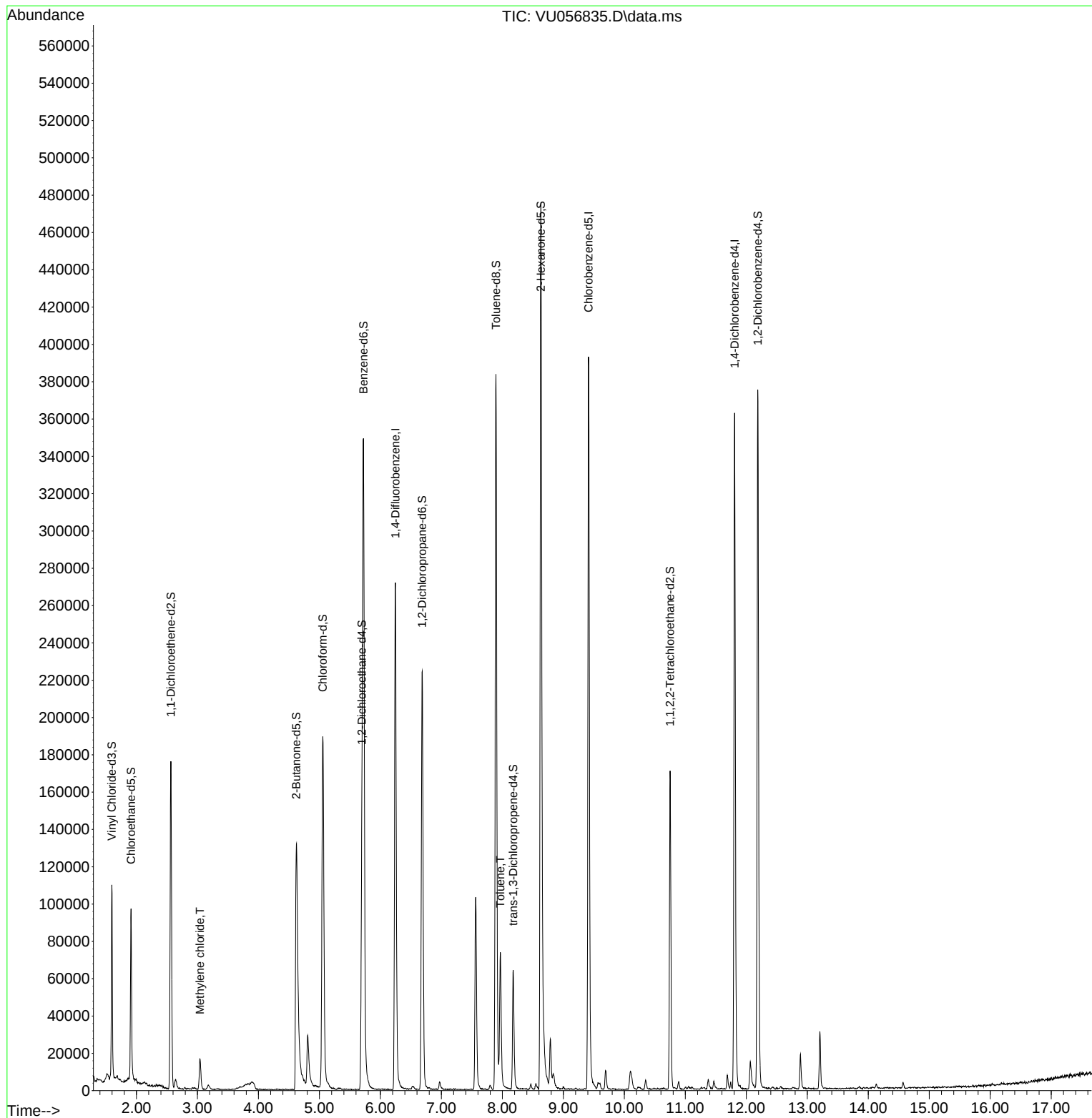
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	216822	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73460	3.953	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.911	69	65365	4.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.563	65	33978	4.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.621	46	219771	59.878	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.760%
24) Chloroform-d	5.055	84	182657	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.695	65	92684	5.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.400%
32) Benzene-d6	5.721	84	336294	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	111413	4.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.894	98	270068	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	37992	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	164853	50.369	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	86209	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	100574	5.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	8311	0.433	ug/L	94
42) Toluene	7.965	91	56981	0.680	ug/L	95

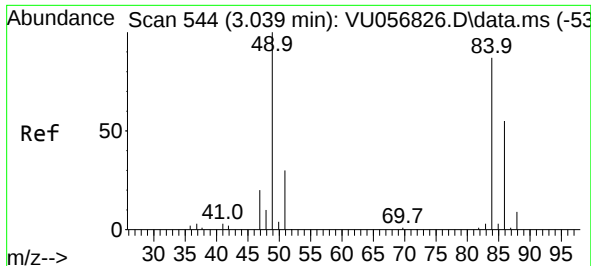
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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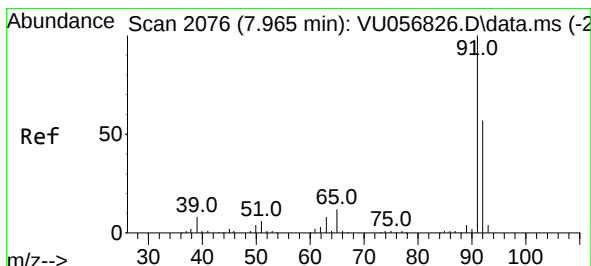
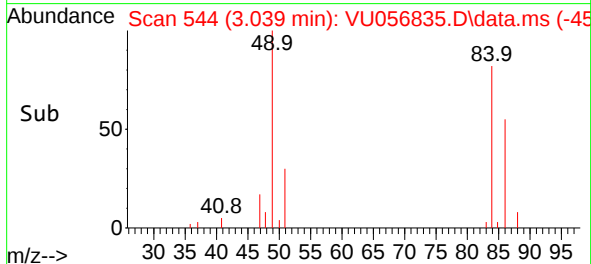
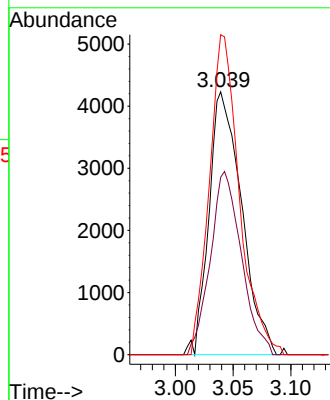
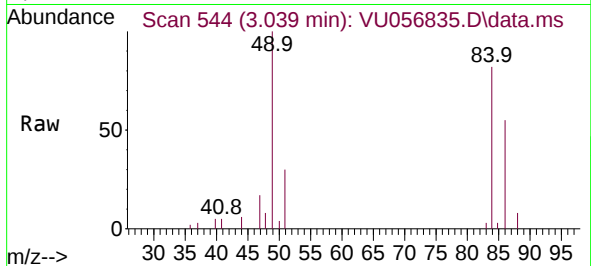




#16
Methylene chloride
Concen: 0.433 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056835.D
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MSVOA_U
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Tgt Ion: 84 Resp: 8311
Ion Ratio Lower Upper
84 100
86 67.5 43.6 81.0
49 121.7 80.6 149.6



#42
Toluene
Concen: 0.680 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU056835.D
Acq: 14 Dec 2023 13:41

Tgt Ion: 91 Resp: 56981
Ion Ratio Lower Upper
91 100
92 54.3 40.4 75.0

