

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056990.D
 Acq On : 18 Dec 2023 13:49
 Operator : MD/SY
 Sample : 05890-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGRT6

Quant Time: Dec 19 01:40:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

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

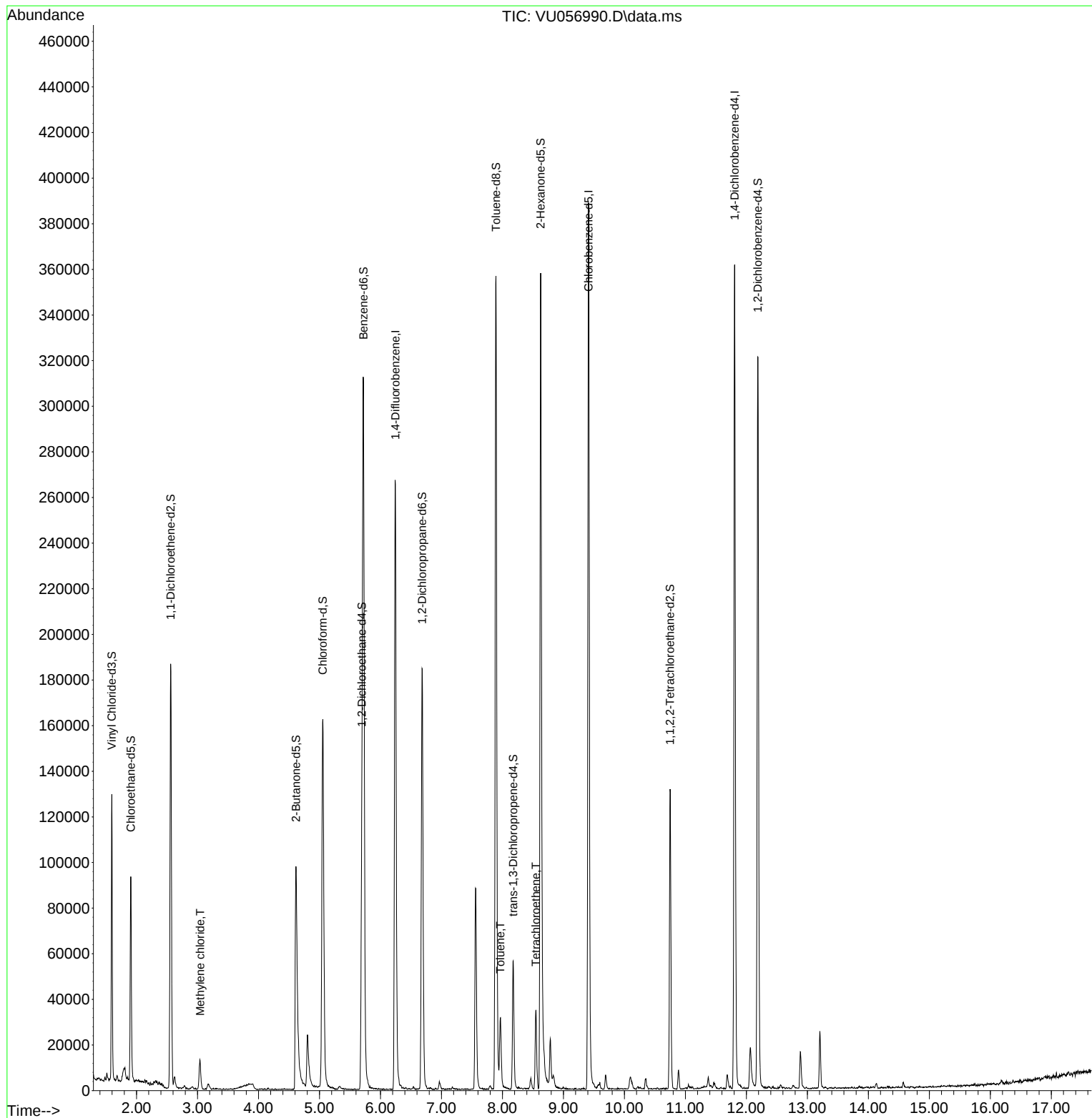
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	222825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	85989	4.664	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.907	69	68838	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.560	65	36146	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.615	46	151335	41.564	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.120%
24) Chloroform-d	5.055	84	157723	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	75888	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.721	84	298874	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.682	67	89044	4.116	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	245364	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	34326	4.092	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	117800	37.231	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	65618	4.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	85264	4.536	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	6439	0.338	ug/L	87
42) Toluene	7.965	91	23913	0.295	ug/L	96
47) Tetrachloroethene	8.547	164	7549	0.502	ug/L	92

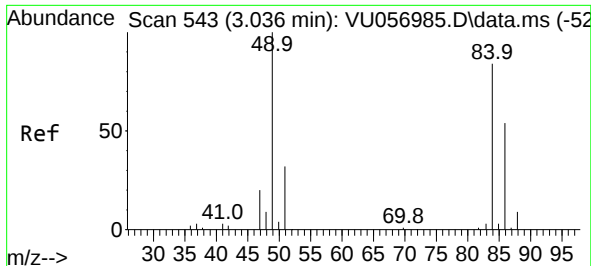
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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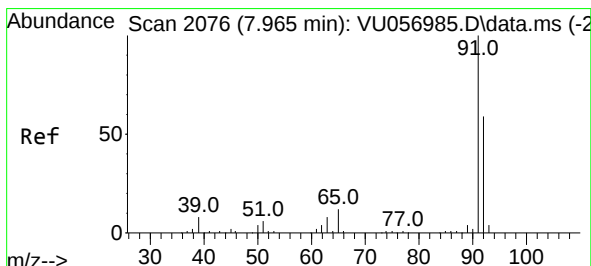
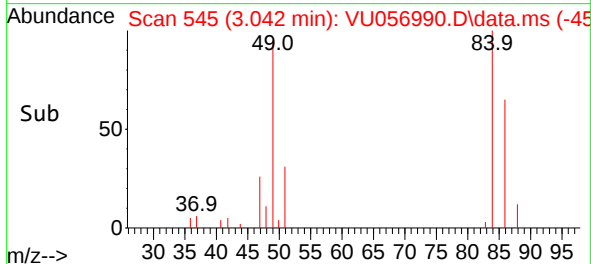
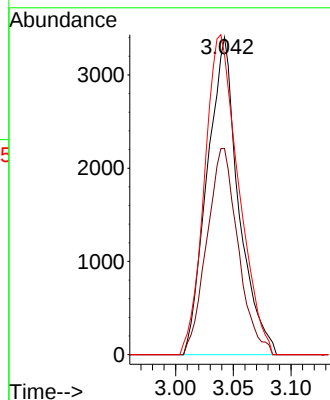
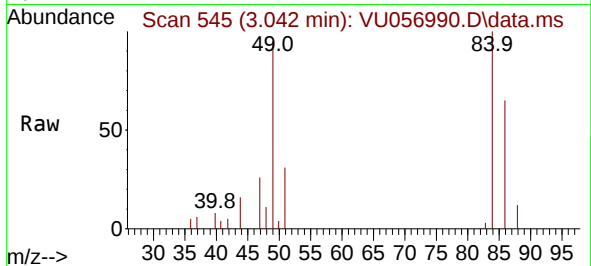




#16
Methylene chloride
Concen: 0.338 ug/L
RT: 3.042 min Scan# 543
Delta R.T. 0.006 min
Lab File: VU056990.D
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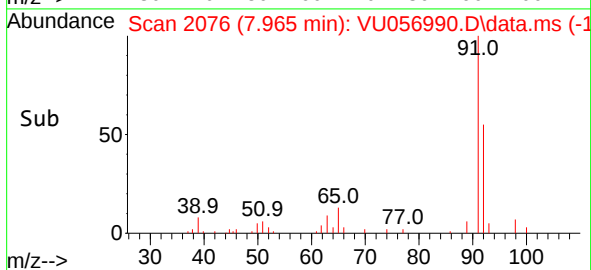
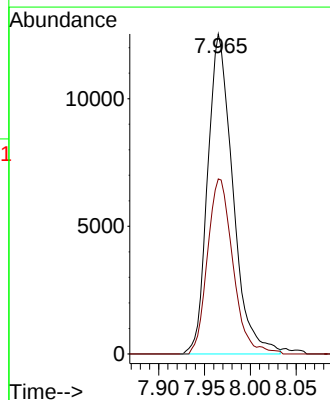
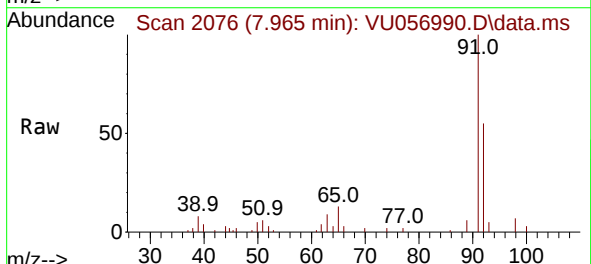
Instrument :
MSVOA_U
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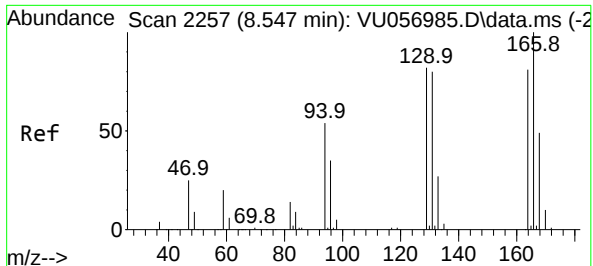
Tgt Ion: 84 Resp: 6439
Ion Ratio Lower Upper
84 100
86 64.9 43.6 81.0
49 94.6 80.6 149.6



#42
Toluene
Concen: 0.295 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU056990.D
Acq: 18 Dec 2023 13:49

Tgt Ion: 91 Resp: 23913
Ion Ratio Lower Upper
91 100
92 54.7 40.4 75.0





#47
 Tetrachloroethene
 Concen: 0.502 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056990.D
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Tgt Ion:164 Resp: 7549

Ion	Ratio	Lower	Upper
164	100		
129	115.4	73.4	136.4
131	107.5	71.5	132.9
166	143.4	92.7	172.1

