

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058890.D
 Acq On : 14 May 2024 16:54
 Operator : MD/SY
 Sample : P2392-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ0

Quant Time: May 15 01:09:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

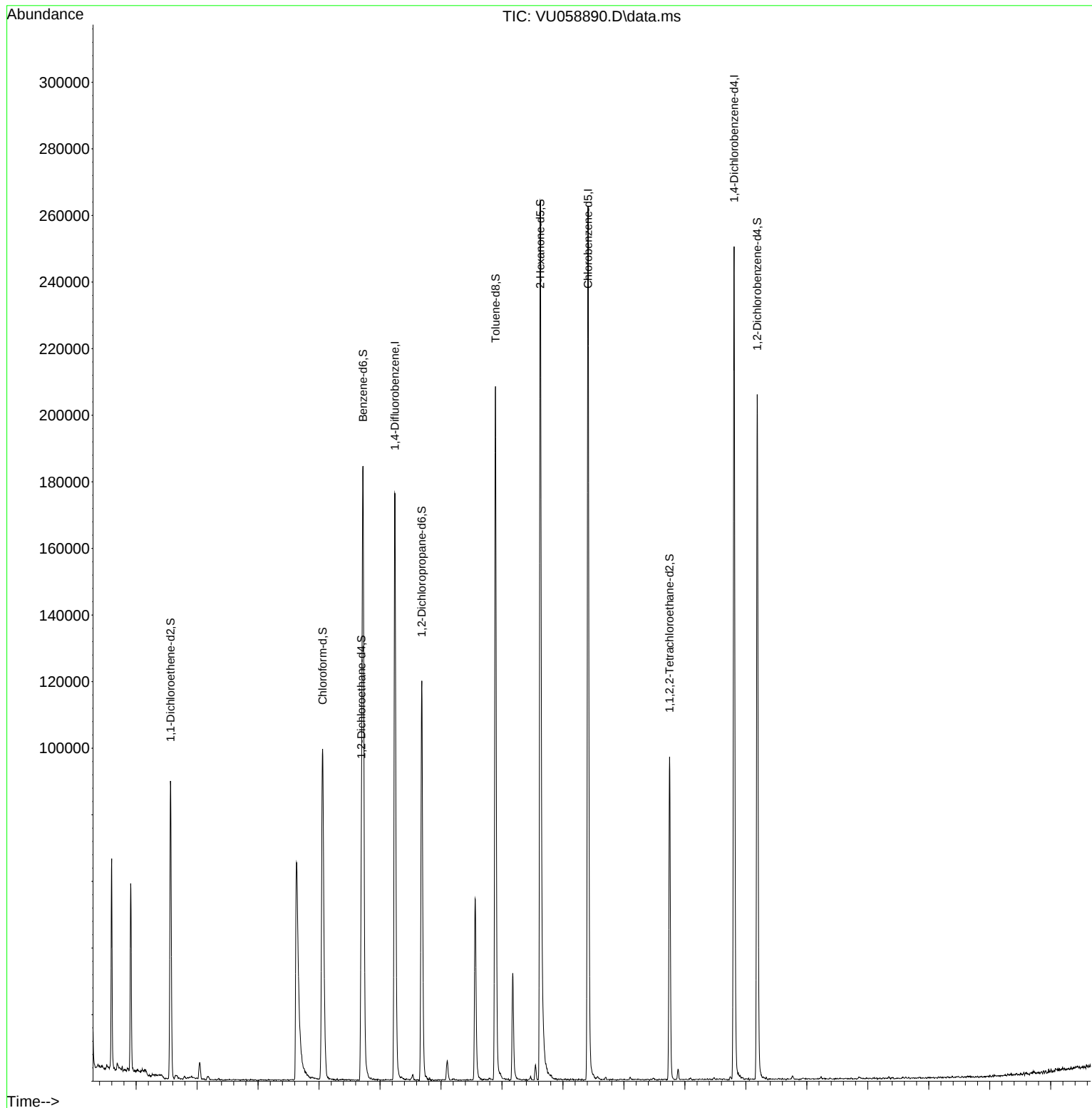
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	147732	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	43371	4.847	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.911	69	39755	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.567	65	17526	4.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.631	46	128856	55.384	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.058	84	91752	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.695	65	48768	5.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	175124	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.685	67	59549	5.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.894	98	144201	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.177	79	20406	5.208	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.627	63	97312	51.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51727	5.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	56066	5.535	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						
16) Methylene chloride	3.039	84	2647	0.212	ug/L	91
25) Chloroform	5.078	83	18332	0.866	ug/L	96
38) Bromodichloromethane	7.103	83	4385	0.294	ug/L #	96

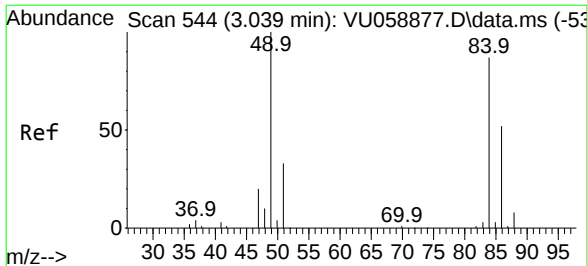
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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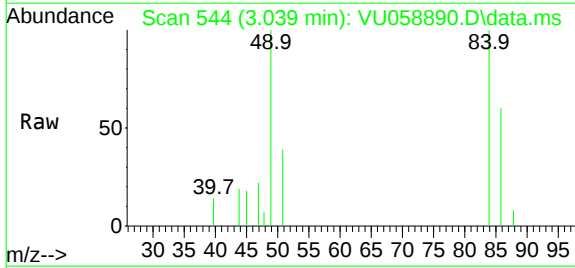
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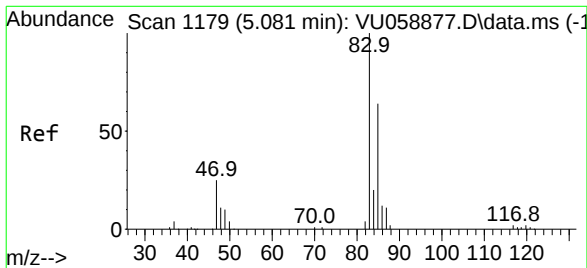
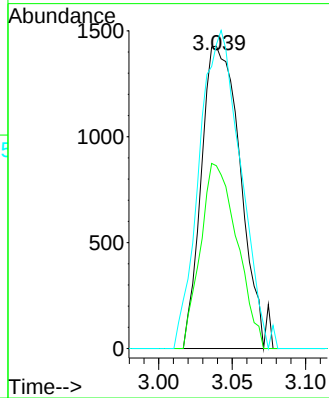
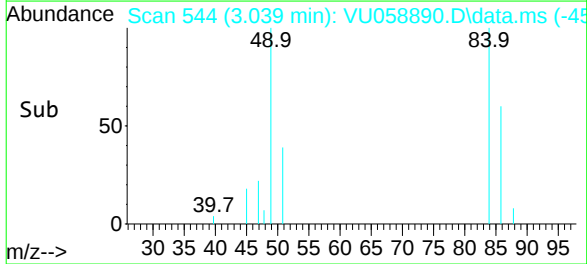


#16
Methylene chloride
Concen: 0.212 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU058890.D
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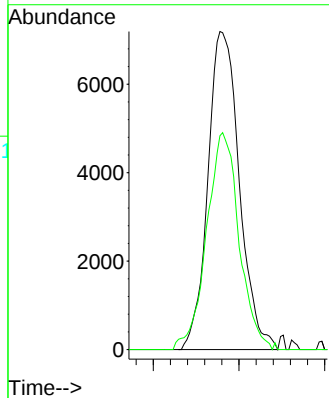
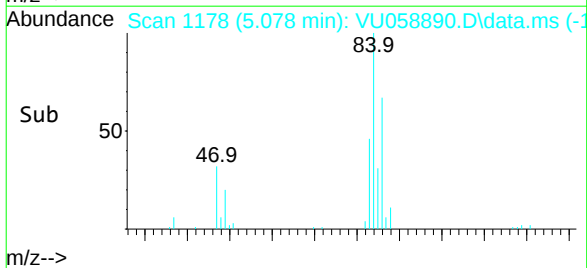
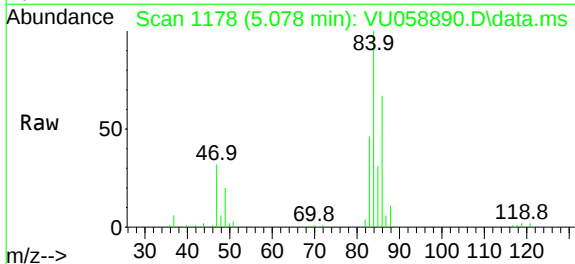


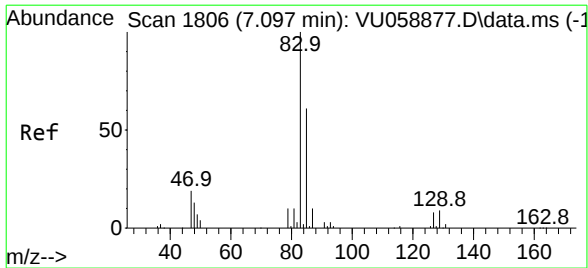
Tgt Ion: 84 Resp: 2647
Ion Ratio Lower Upper
84 100
86 60.4 42.1 78.1
49 100.5 80.6 149.8



#25
Chloroform
Concen: 0.866 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU058890.D
Acq: 14 May 2024 16:54

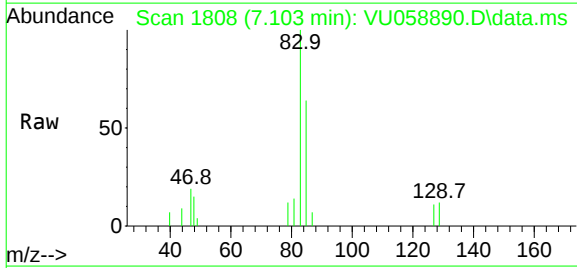
Tgt Ion: 83 Resp: 18332
Ion Ratio Lower Upper
83 100
85 67.2 44.7 83.1





#38
 Bromodichloromethane
 Concen: 0.294 ug/L
 RT: 7.103 min Scan# 18
 Delta R.T. 0.007 min
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Tgt Ion: 83 Resp: 4385
 Ion Ratio Lower Upper
 83 100
 85 63.8 42.7 79.3
 127 10.6 6.1 9.1#

