

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057139.D
 Acq On : 21 Dec 2023 17:12
 Operator : MD/SY
 Sample : 05949-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGR41DL

Quant Time: Dec 21 23:31:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

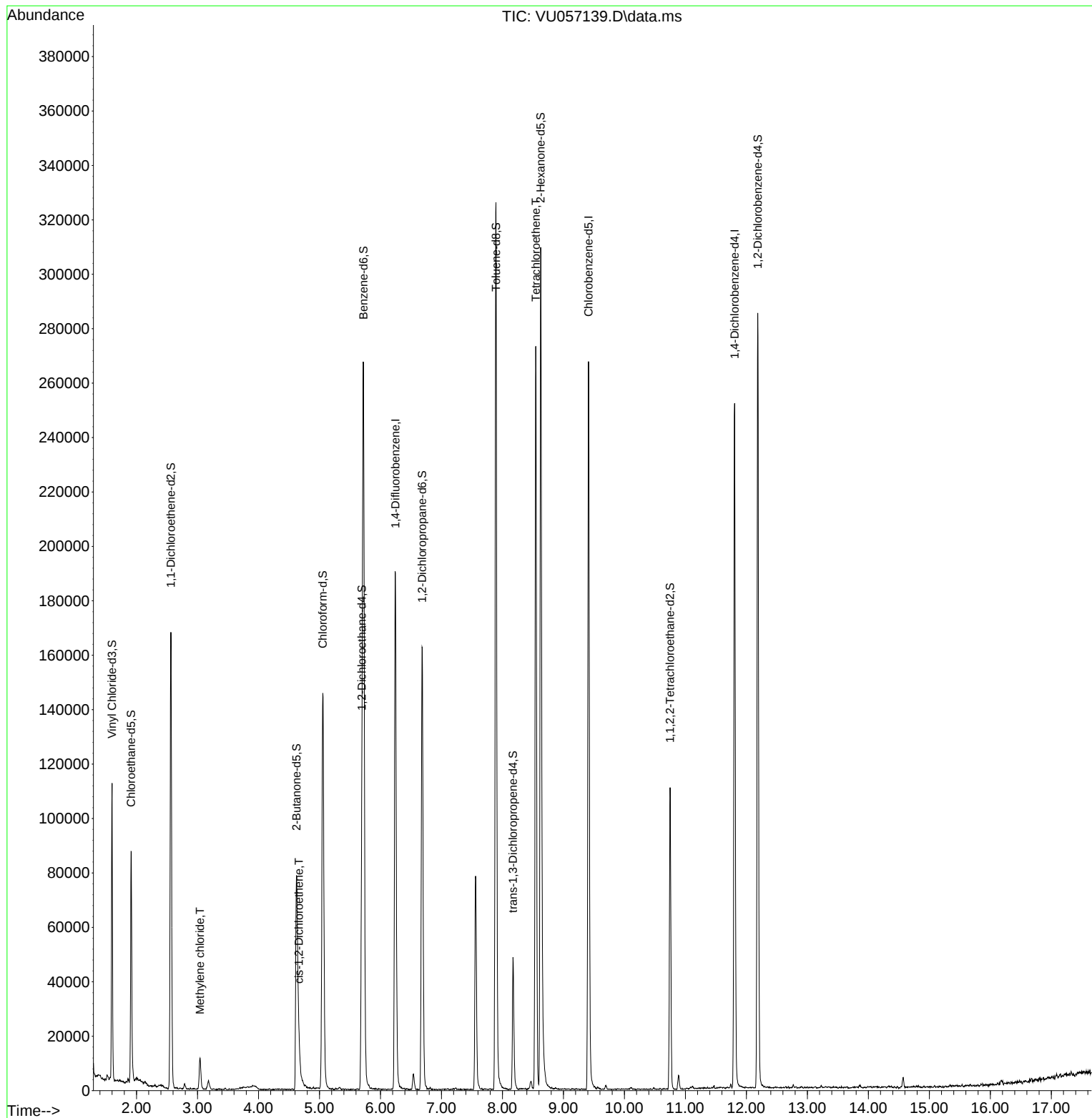
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	153484	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	152845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	67559	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.599	65	73492	5.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%	
7) Chloroethane-d5		1.911	69	62642	5.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2		2.563	65	34437	5.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.400%	
20) 2-Butanone-d5		4.624	46	124628	54.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.220%	
24) Chloroform-d		5.055	84	143429	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4		5.695	65	71253	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%	
32) Benzene-d6		5.721	84	259267	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6		6.682	67	76769	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%	
41) Toluene-d8		7.894	98	218587	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%	
43) trans-1,3-Dichloroprop...		8.174	79	28260	4.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5		8.627	63	107612	50.895	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%	
56) 1,1,2,2-Tetrachloroeth...		10.749	84	52666	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4		12.187	152	74699	5.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%	
Target Compounds							Qvalue
16) Methylene chloride		3.039	84	6189	0.464	ug/L	89
22) cis-1,2-Dichloroethene		4.663	96	2173	0.176	ug/L	95
47) Tetrachloroethene		8.547	164	56645	5.579	ug/L	96

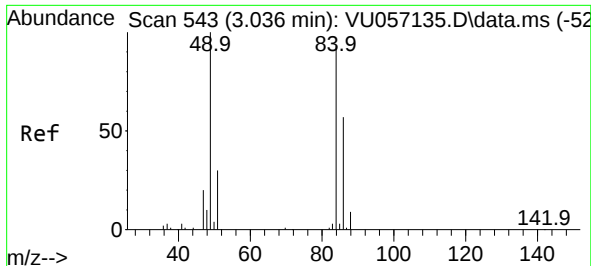
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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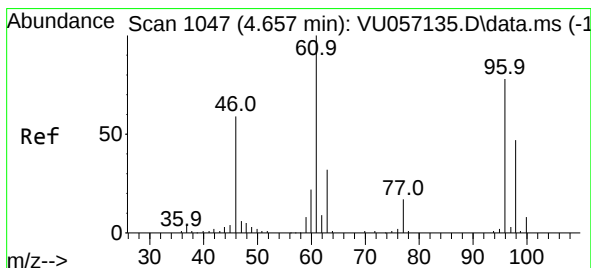
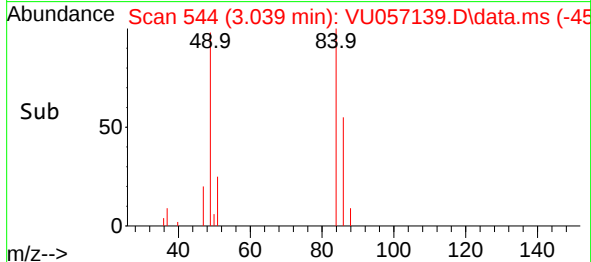
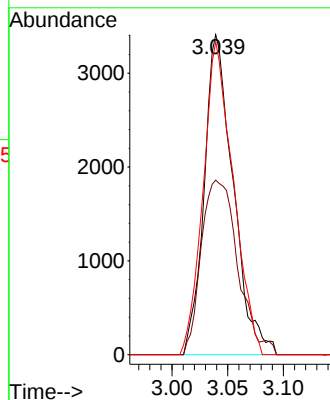
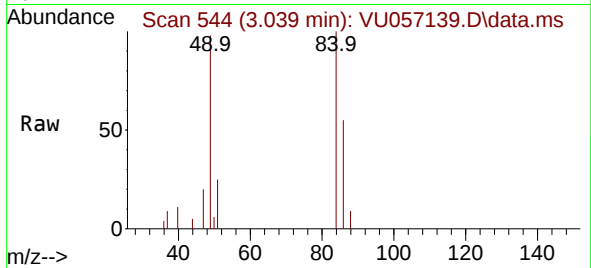




#16
Methylene chloride
Concen: 0.464 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU057139.D
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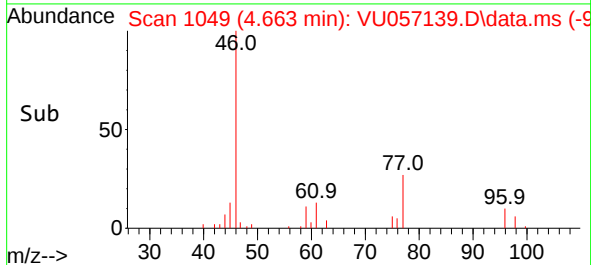
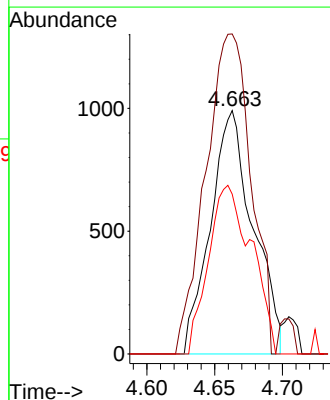
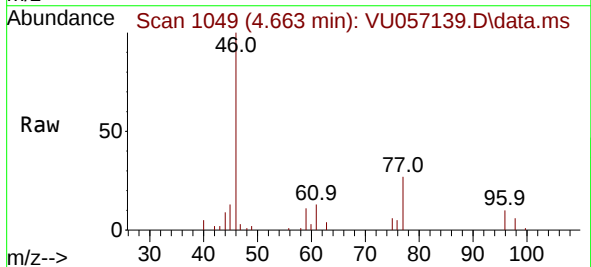
Instrument :
MSVOA_U
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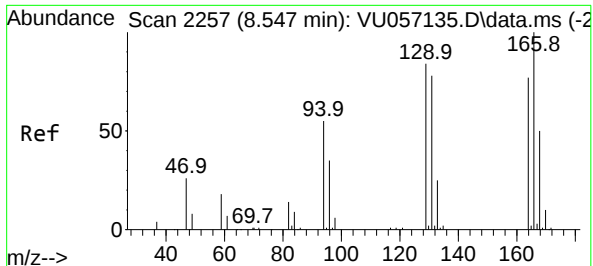
Tgt Ion: 84 Resp: 6189
Ion Ratio Lower Upper
84 100
86 54.6 44.7 82.9
49 97.8 76.0 141.2



#22
cis-1,2-Dichloroethene
Concen: 0.176 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU057139.D
Acq: 21 Dec 2023 17:12

Tgt Ion: 96 Resp: 2173
Ion Ratio Lower Upper
96 100
61 131.5 86.8 161.2
98 65.7 45.5 84.5





#47
 Tetrachloroethene
 Concen: 5.579 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU057139.D
 Acq: 21 Dec 2023 17:12

Instrument :
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Tgt Ion:164 Resp: 56645

Ion	Ratio	Lower	Upper
164	100		
129	108.1	72.9	135.3
131	100.6	71.7	133.3
166	131.1	87.7	162.9

