

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057075.D
 Acq On : 20 Dec 2023 04:04
 Operator : MD/SY
 Sample : 05890-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGR40DL

Quant Time: Dec 20 06:58:55 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

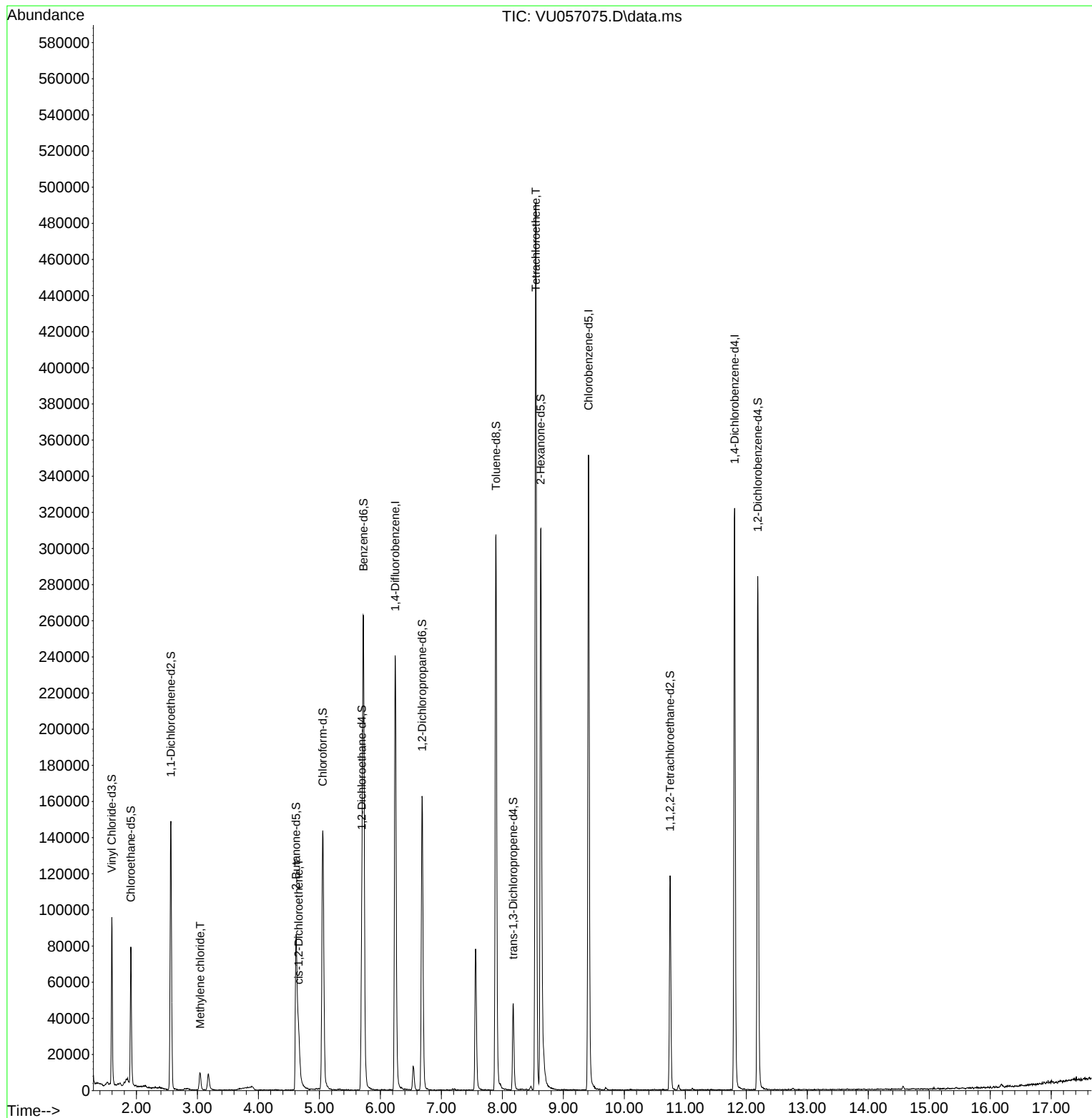
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	195827	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	197124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	85053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65793	3.920	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.908	69	57641	4.589	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.563	65	29099	4.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.000%	
20) 2-Butanone-d5	4.618	46	126438	38.142	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.280%	
24) Chloroform-d	5.055	84	141524	4.452	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.695	65	69688	4.633	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
32) Benzene-d6	5.721	84	251767	4.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.682	67	78986	4.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.894	98	214550	3.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	8.177	79	29085	3.919	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.628	63	105413	37.660	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.320%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	56819	4.104	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	74273	4.442	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.800%	
Target Compounds						
						Qvalue
16) Methylene chloride	3.043	84	5268	0.304	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	9206	0.525	ug/L	93
47) Tetrachloroethene	8.547	164	104466	7.855	ug/L	98

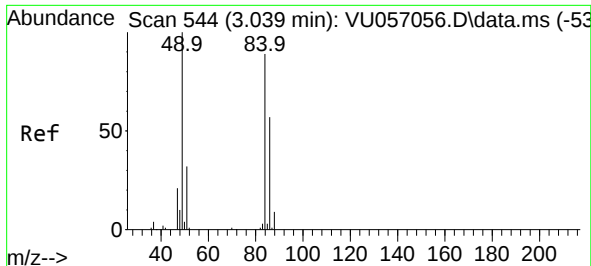
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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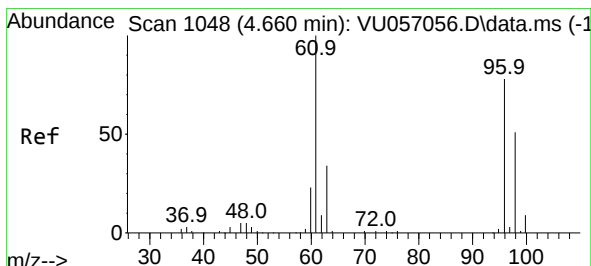
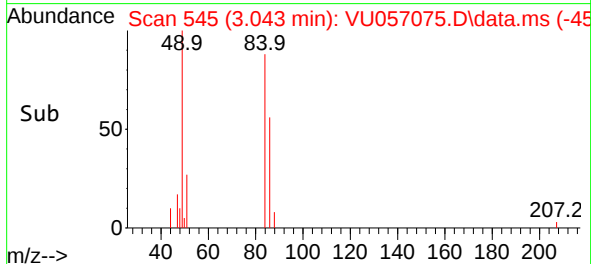
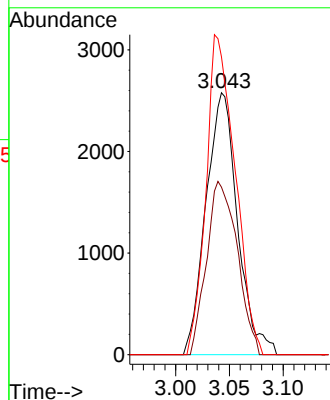
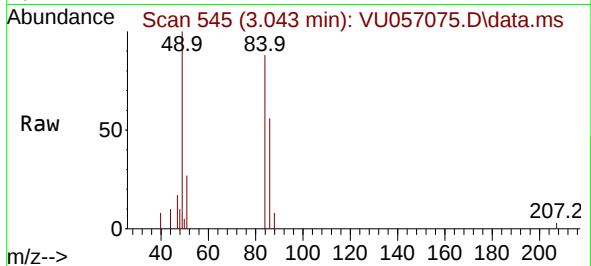




#16
Methylene chloride
Concen: 0.304 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

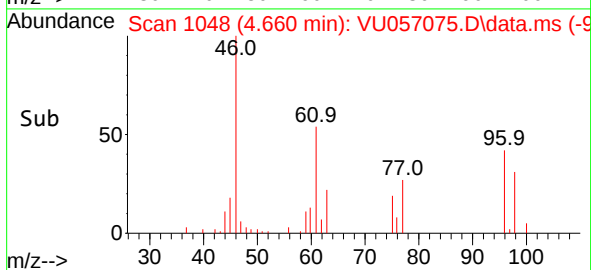
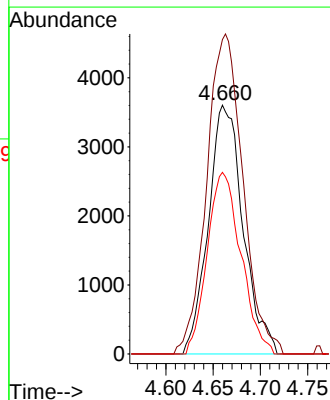
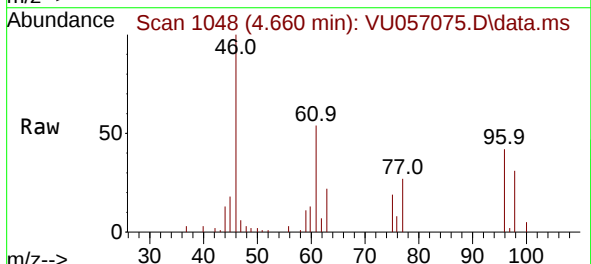
Instrument :
MSVOA_U
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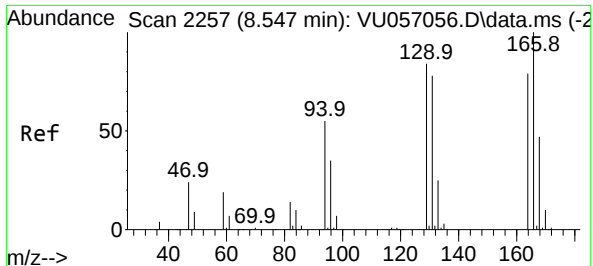
Tgt Ion: 84 Resp: 5268
Ion Ratio Lower Upper
84 100
86 63.9 43.6 81.0
49 119.2 80.6 149.6



#22
cis-1,2-Dichloroethene
Concen: 0.525 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057075.D
Acq: 20 Dec 2023 04:04

Tgt Ion: 96 Resp: 9206
Ion Ratio Lower Upper
96 100
61 126.4 91.3 169.6
98 73.0 44.2 82.0





#47
 Tetrachloroethene
 Concen: 7.855 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU057075.D
 Acq: 20 Dec 2023 04:04

Instrument :
 MSVOA_U
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Tgt Ion:164 Resp: 104466
 Ion Ratio Lower Upper
 164 100
 129 103.1 73.4 136.4
 131 104.5 71.5 132.9
 166 130.6 92.7 172.1

