

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055402.D
 Acq On : 19 Sep 2023 20:01
 Operator : MD/SY
 Sample : 04380-17DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N8DL

Quant Time: Sep 20 06:09:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 06:06:30 2023
 Response via : Initial Calibration

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

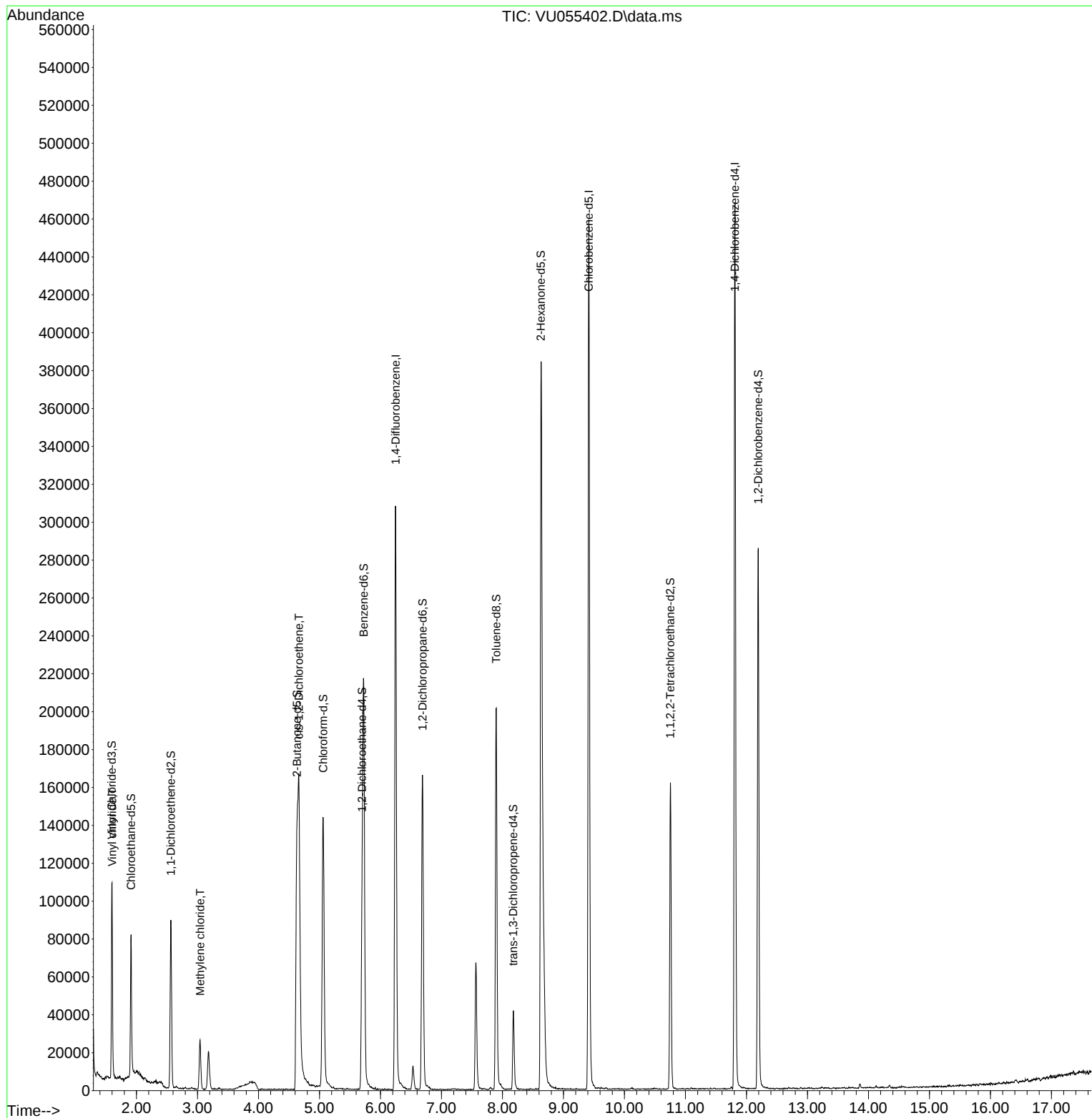
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	250360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	125075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46529	1.839	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	36.800%#	
7) Chloroethane-d5	1.911	69	52316	2.346	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	47.000%#	
11) 1,1-Dichloroethene-d2	2.563	65	16495	1.584	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	31.600%#	
20) 2-Butanone-d5	4.631	46	234412	51.289	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.580%	
24) Chloroform-d	5.059	84	134263	2.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	58.600%#	
26) 1,2-Dichloroethane-d4	5.698	65	74979	3.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.200%#	
32) Benzene-d6	5.724	84	203578	2.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	45.000%#	
36) 1,2-Dichloropropane-d6	6.689	67	82895	3.061	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	61.200%	
41) Toluene-d8	7.898	98	139910	1.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	33.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	25099	2.641	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.800%#	
46) 2-Hexanone-d5	8.631	63	121648	42.076	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.160%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	80401	3.961	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	77183	3.057	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	61.200%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	33060	1.429	ug/L	99
16) Methylene chloride	3.043	84	12686	0.605	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	58540	2.862	ug/L	97

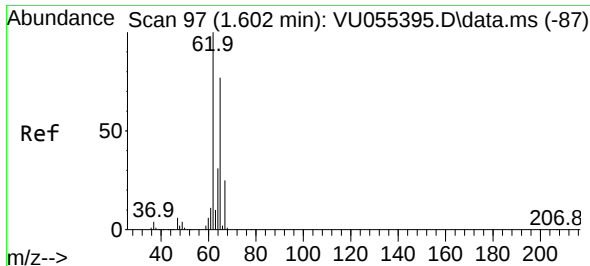
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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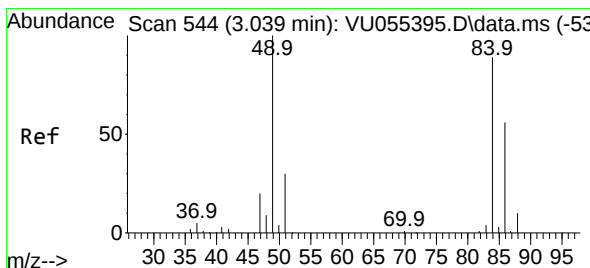
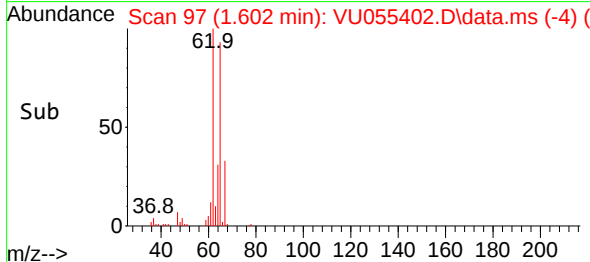
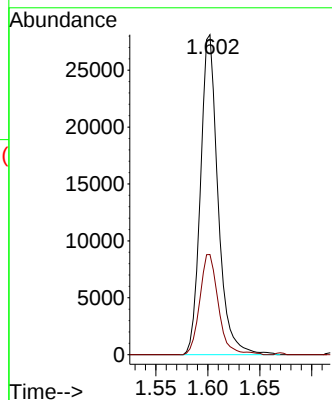
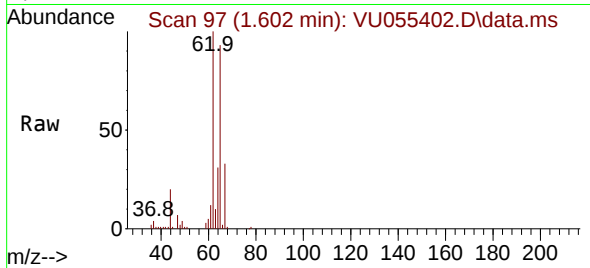




#5
 Vinyl chloride
 Concen: 1.429 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055402.D
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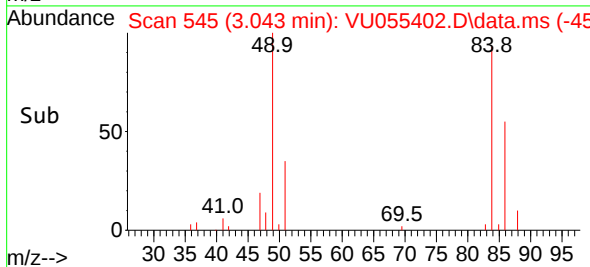
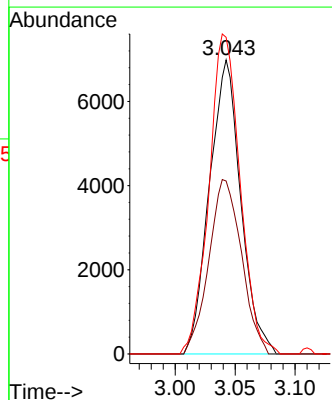
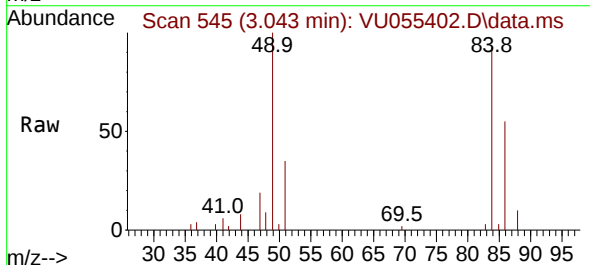
Instrument :
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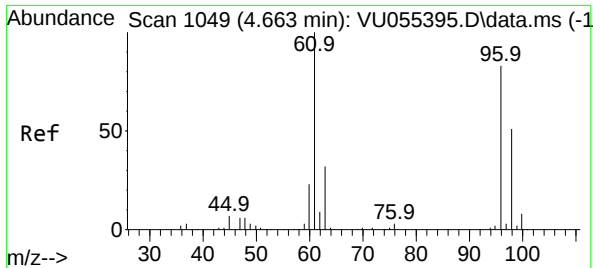
Tgt Ion: 62 Resp: 33060
 Ion Ratio Lower Upper
 62 100
 64 31.3 22.3 41.5



#16
 Methylene chloride
 Concen: 0.605 ug/L
 RT: 3.043 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055402.D
 Acq: 19 Sep 2023 20:01

Tgt Ion: 84 Resp: 12686
 Ion Ratio Lower Upper
 84 100
 86 58.8 44.9 83.3
 49 107.7 78.8 146.3





#22
 cis-1,2-Dichloroethene
 Concen: 2.862 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055402.D
 Acq: 19 Sep 2023 20:01

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N8DL

Tgt Ion: 96 Resp: 58540

Ion	Ratio	Lower	Upper
96	100		
61	130.2	87.8	163.2
98	62.0	44.4	82.4

