

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055096.D
 Acq On : 05 Sep 2023 16:00
 Operator : MD/SY
 Sample : 04250-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C0DL

Quant Time: Sep 06 02:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

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

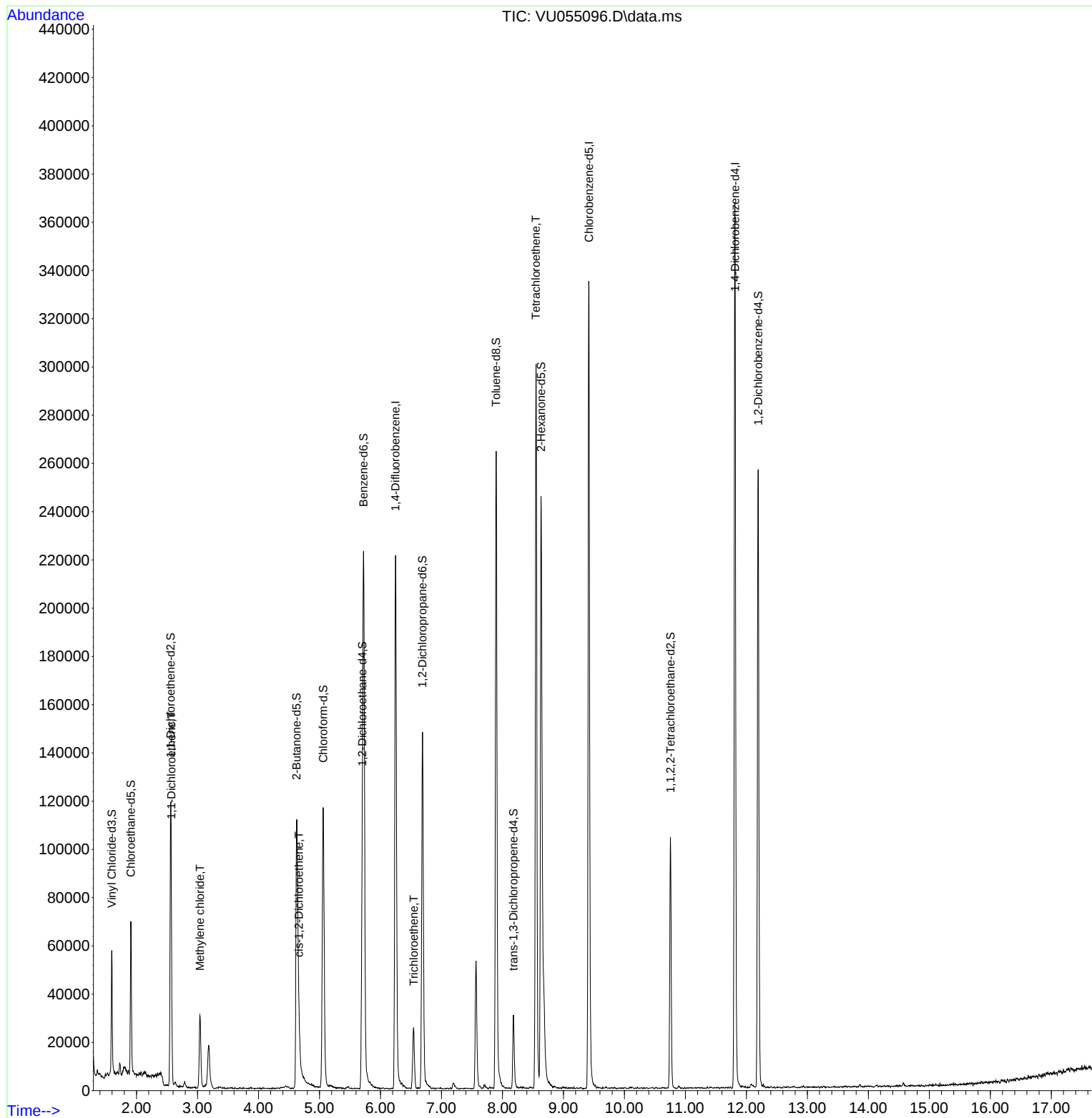
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	178594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	94100	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36550	4.325	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.907	69	42674	4.362	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.200%	
11) 1,1-Dichloroethene-d2	2.560	65	22175	4.605	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.000%	
20) 2-Butanone-d5	4.624	46	131863	53.764	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.520%	
24) Chloroform-d	5.061	84	105788	4.717	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.701	65	55511	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.724	84	207185	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.688	67	71408	5.093	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.897	98	179562	4.422	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.180	79	17449	4.519	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.634	63	82729	52.774	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.540%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51004	5.172	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	65803	4.791	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	3010	0.361	ug/L	# 1
16) Methylene chloride	3.039	84	13896	1.091	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	1728	0.167	ug/L	97
34) Trichloroethene	6.547	95	7760	0.735	ug/L	93
47) Tetrachloroethene	8.550	164	61493	8.422	ug/L	94

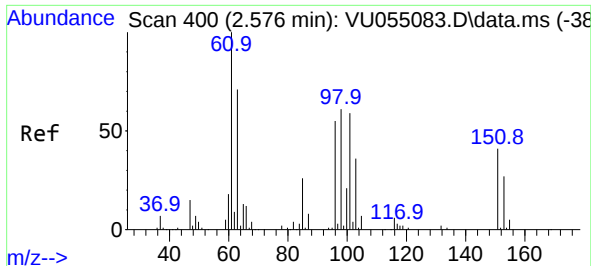
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

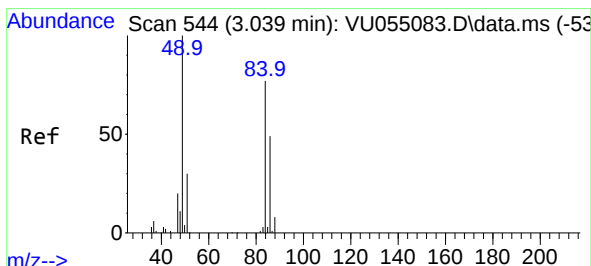
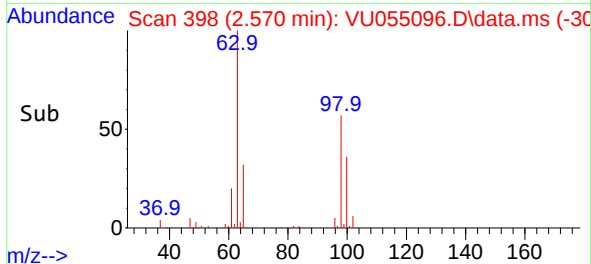
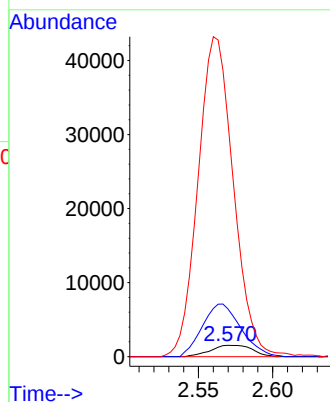
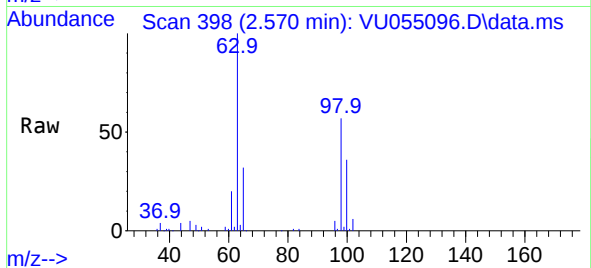




#12
1,1-Dichloroethene
Concen: 0.361 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

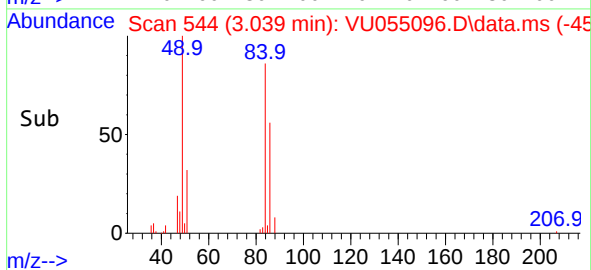
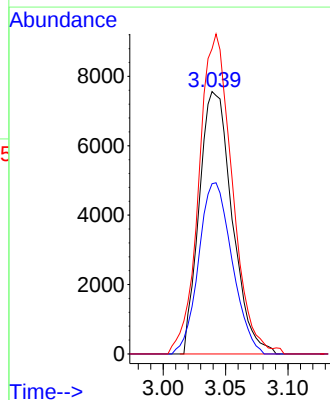
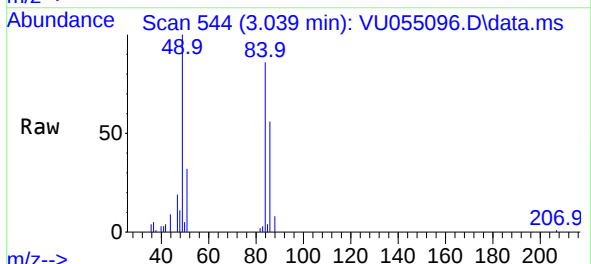
Instrument :
MSVOA_U
ClientSampleId :
BH4C0DL

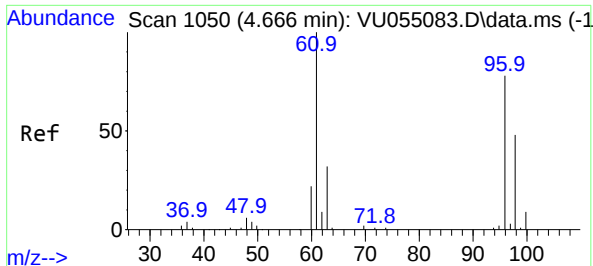
Tgt Ion: 96 Resp: 3010
Ion Ratio Lower Upper
96 100
61 340.1 120.8 224.4#
63 1683.5 94.5 175.5#



#16
Methylene chloride
Concen: 1.091 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055096.D
Acq: 05 Sep 2023 16:00

Tgt Ion: 84 Resp: 13896
Ion Ratio Lower Upper
84 100
86 64.9 43.4 80.6
49 121.9 87.7 162.9



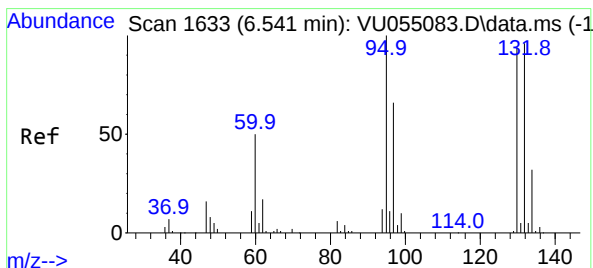
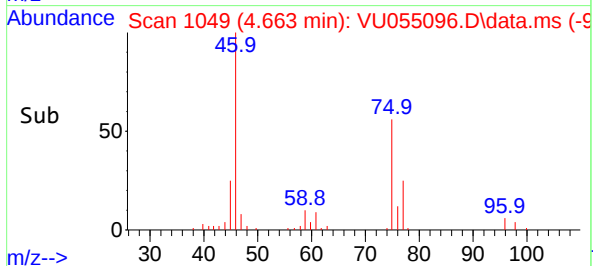
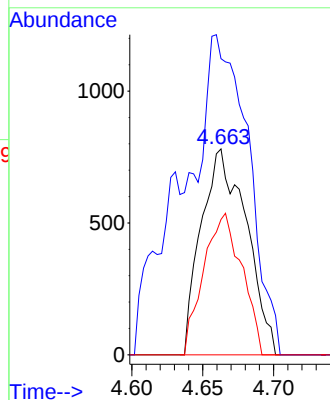
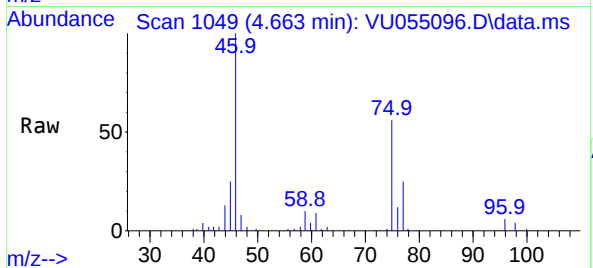


#22
 cis-1,2-Dichloroethene
 Concen: 0.167 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C0DL

Tgt Ion: 96 Resp: 1728

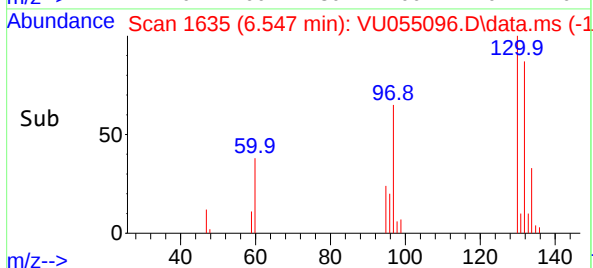
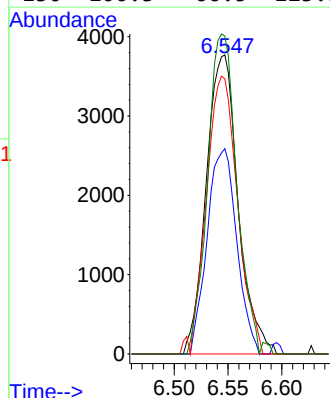
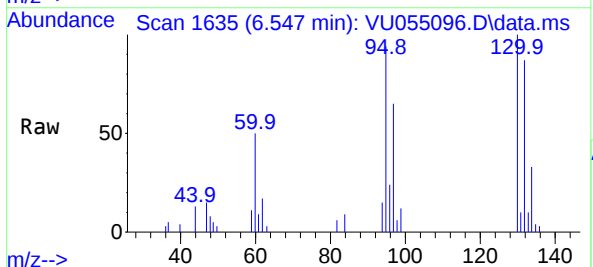
Ion	Ratio	Lower	Upper
96	100		
61	143.8	97.2	180.4
98	65.7	46.1	85.7

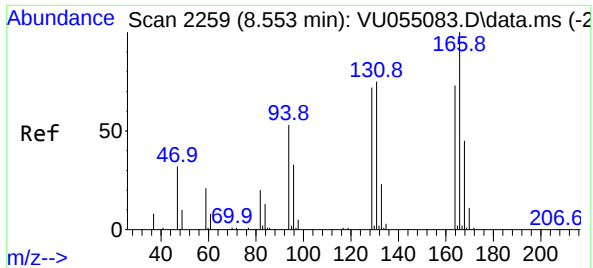


#34
 Trichloroethene
 Concen: 0.735 ug/L
 RT: 6.547 min Scan# 1635
 Delta R.T. 0.006 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

Tgt Ion: 95 Resp: 7760

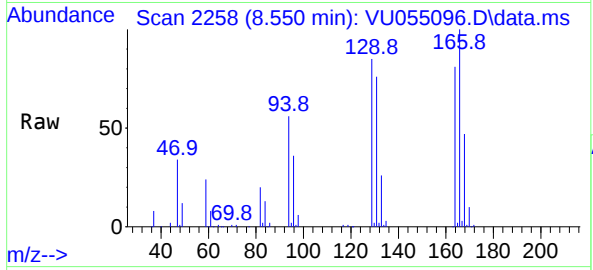
Ion	Ratio	Lower	Upper
95	100		
97	68.7	44.7	83.1
132	92.0	66.6	123.6
130	106.3	66.5	123.5





#47
 Tetrachloroethene
 Concen: 8.422 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU055096.D
 Acq: 05 Sep 2023 16:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4C0DL



Tgt Ion:164 Resp: 61493

Ion	Ratio	Lower	Upper
164	100		
129	104.6	69.2	128.6
131	94.0	68.8	127.8
166	123.6	92.3	171.5

