

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055316.D
 Acq On : 14 Sep 2023 19:18
 Operator : MD/SY
 Sample : 04380-03 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4L4

Quant Time: Sep 15 03:04:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

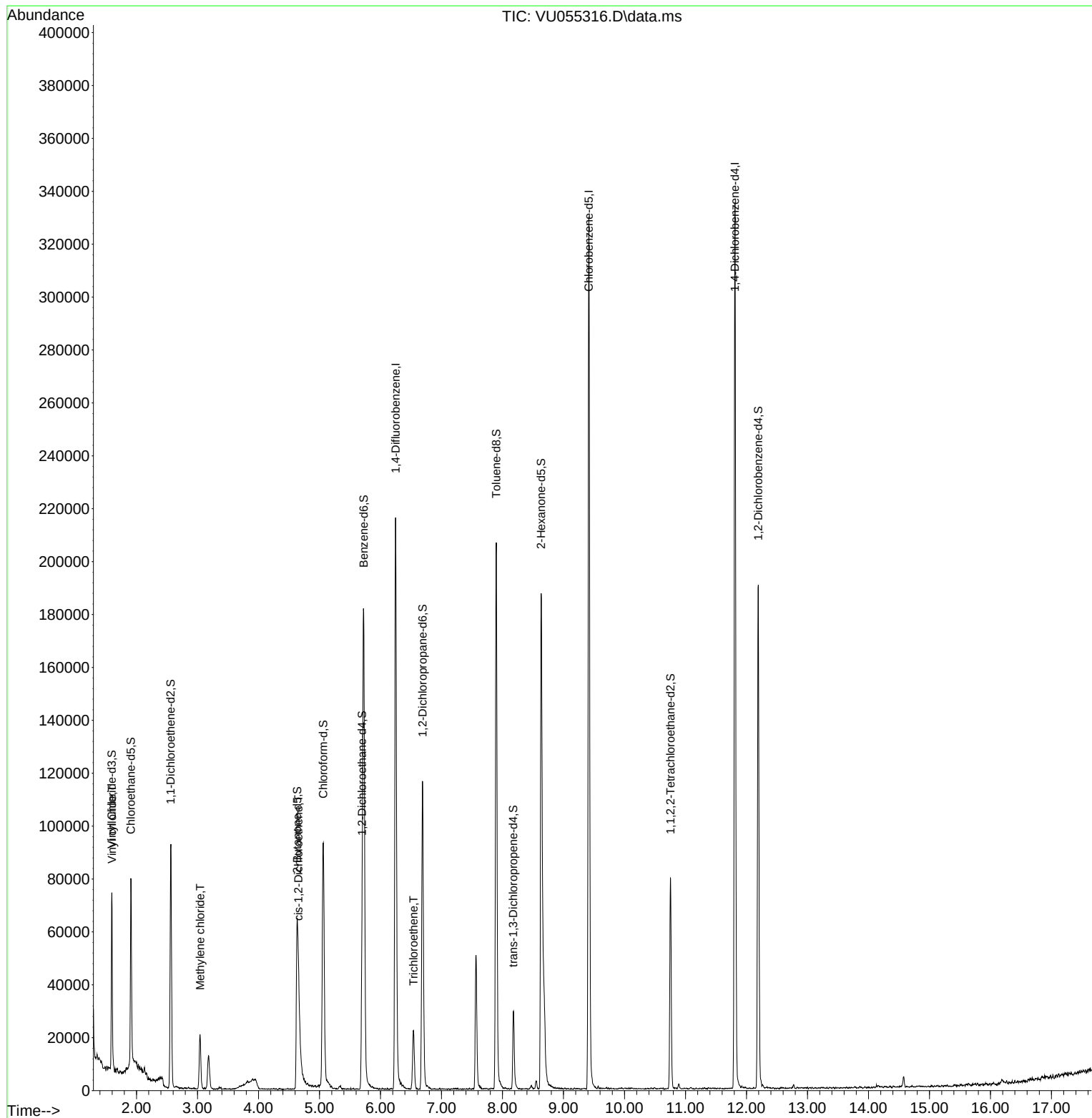
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	183817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47222	5.619	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.400%	
7) Chloroethane-d5	1.907	69	50151	5.156	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.560	65	17990	3.757	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.634	46	104350	42.791	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.580%	
24) Chloroform-d	5.062	84	88014	3.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
26) 1,2-Dichloroethane-d4	5.698	65	46917	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.724	84	172886	3.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.200%	
36) 1,2-Dichloropropane-d6	6.689	67	58239	4.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.898	98	143669	3.437	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	17235	4.337	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.634	63	59588	36.932	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.860%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	40431	3.984	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	49161	3.828	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	76.600%#	
Target Compounds						
5) Vinyl chloride	1.599	62	1333	0.119	ug/L	# 30
16) Methylene chloride	3.042	84	9802	0.774	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	2787	0.271	ug/L	80
34) Trichloroethene	6.541	95	6684	0.615	ug/L	87

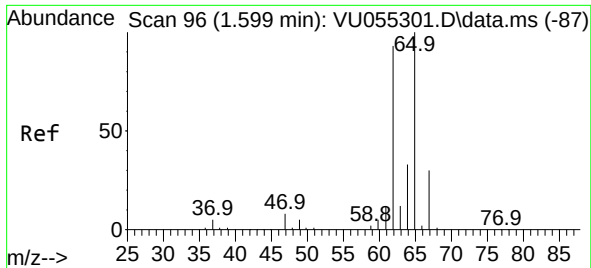
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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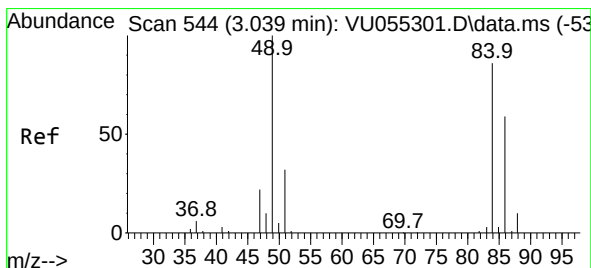
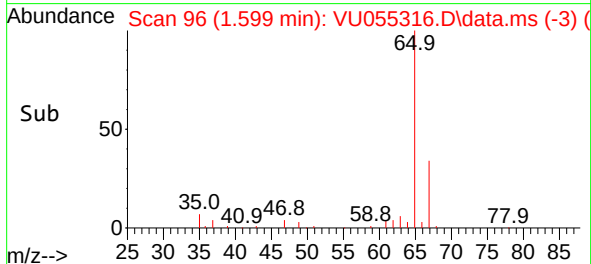
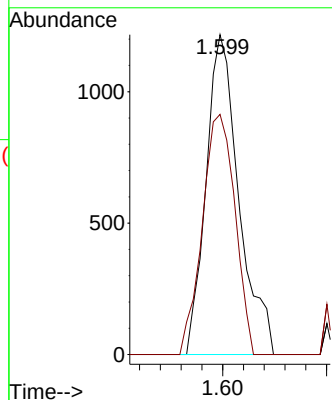
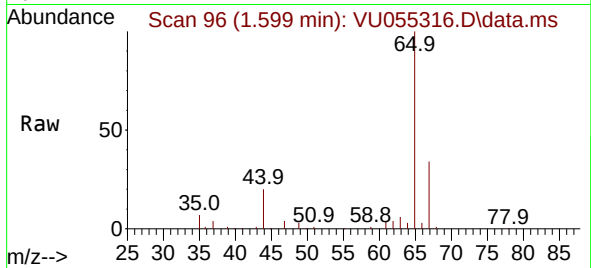




#5
 Vinyl chloride
 Concen: 0.119 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU055316.D
 Acq: 14 Sep 2023 19:18

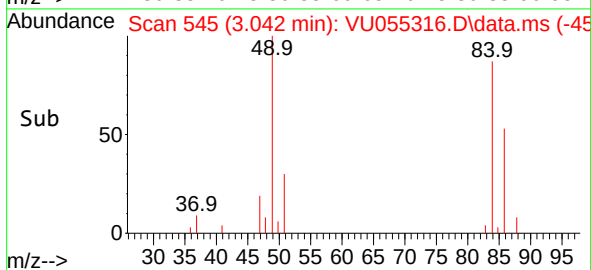
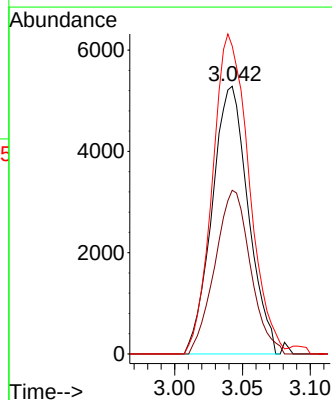
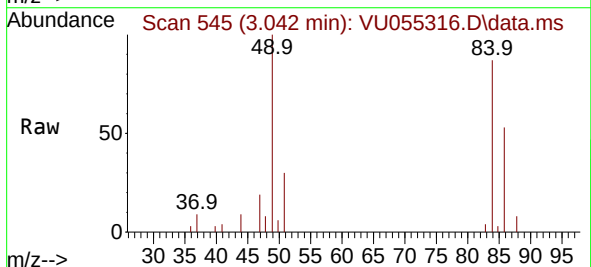
Instrument :
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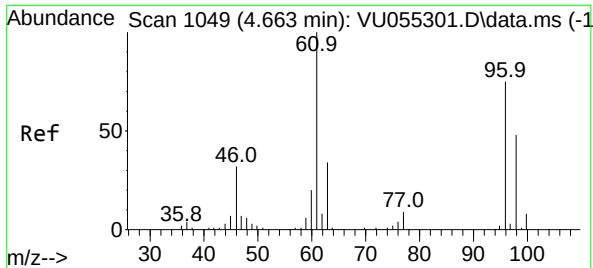
Tgt Ion: 62 Resp: 1333
 Ion Ratio Lower Upper
 62 100
 64 75.1 24.2 45.0#



#16
 Methylene chloride
 Concen: 0.774 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055316.D
 Acq: 14 Sep 2023 19:18

Tgt Ion: 84 Resp: 9802
 Ion Ratio Lower Upper
 84 100
 86 61.2 43.4 80.6
 49 121.5 87.7 162.9



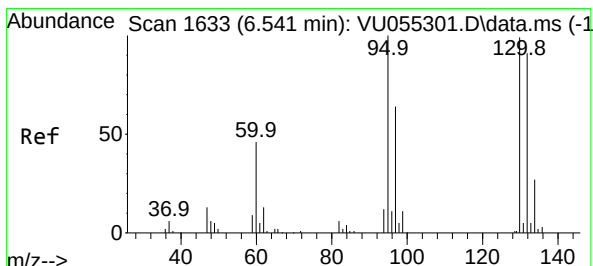
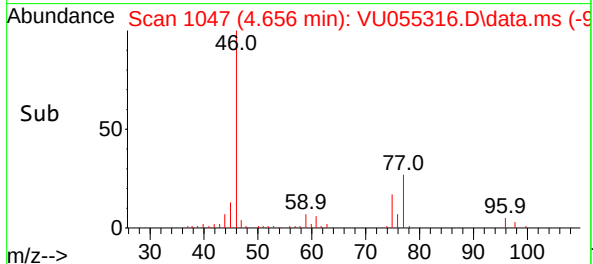
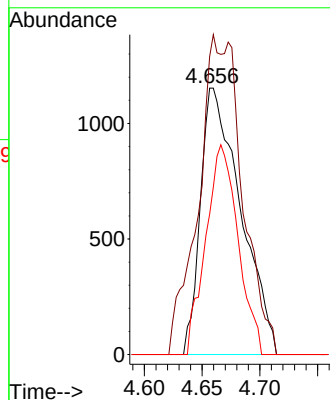
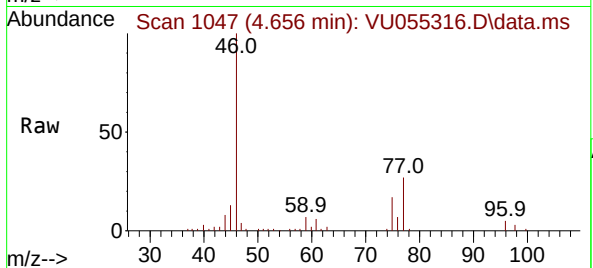


#22
 cis-1,2-Dichloroethene
 Concen: 0.271 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.006 min
 Lab File: VU055316.D
 Acq: 14 Sep 2023 19:18

Instrument :
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 BH4L4

Tgt Ion: 96 Resp: 2787

Ion	Ratio	Lower	Upper
96	100		
61	111.8	97.2	180.4
98	52.6	46.1	85.7



#34
 Trichloroethene
 Concen: 0.615 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055316.D
 Acq: 14 Sep 2023 19:18

Tgt Ion: 95 Resp: 6684

Ion	Ratio	Lower	Upper
95	100		
97	58.2	44.7	83.1
132	75.6	66.6	123.6
130	84.8	66.5	123.5

