

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062223\
 Data File : VU054655.D
 Acq On : 22 Jun 2023 14:49
 Operator : MD/SY
 Sample : 03326-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA40DL

Quant Time: Jun 23 04:35:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 04:31:37 2023
 Response via : Initial Calibration

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

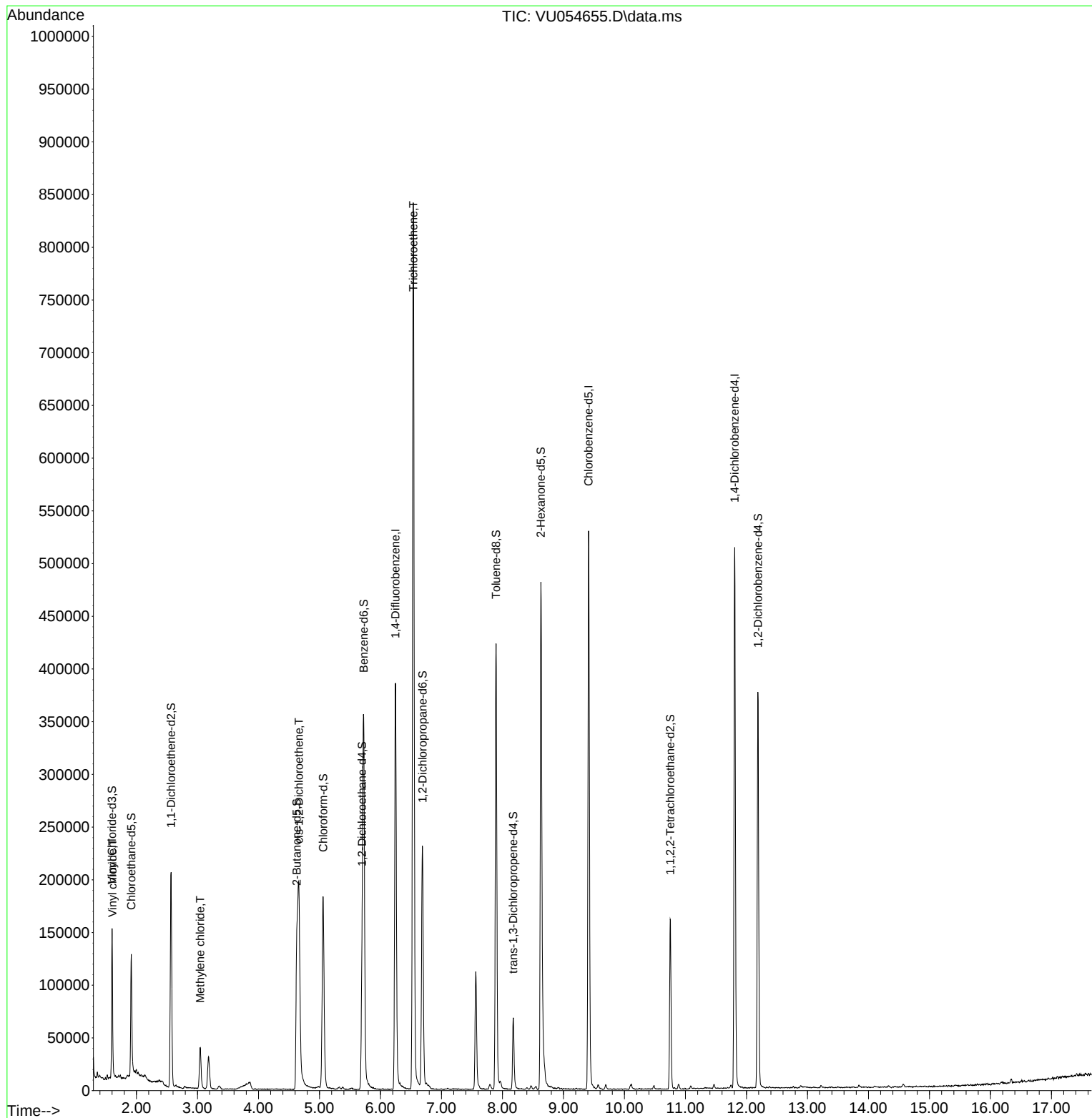
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	299800	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	289438	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	133216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	103112	5.404	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.000%
7) Chloroethane-d5	1.914	69	84274	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.567	65	40635	4.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.628	46	248710	46.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.059	84	168999	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.698	65	85418	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.724	84	335261	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.689	67	116328	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.894	98	284033	3.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.177	79	39741	4.253	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.631	63	159759	40.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.500%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83452	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	97441	4.337	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	3706	0.112	ug/L	# 62
16) Methylene chloride	3.046	84	18222	0.596	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	73055	2.857	ug/L	94
34) Trichloroethene	6.538	95	295403	10.739	ug/L	95

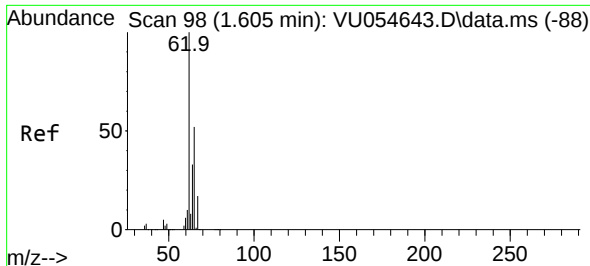
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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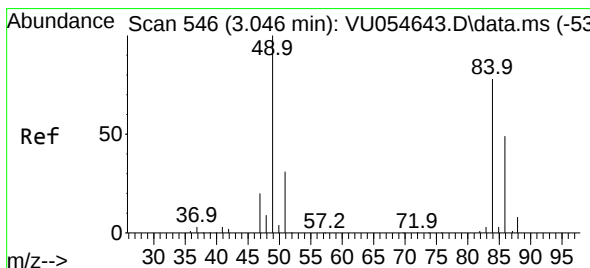
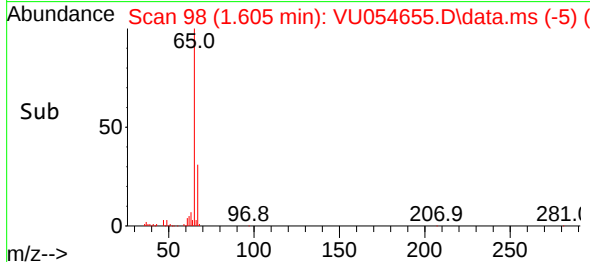
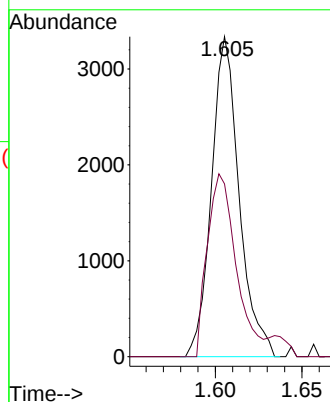
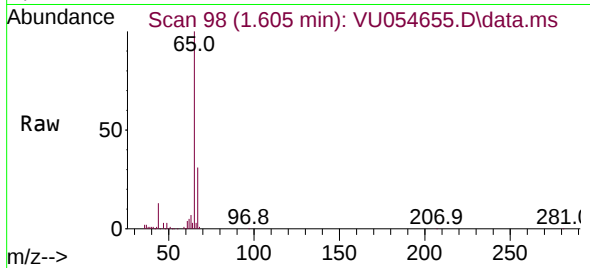




#5
 Vinyl chloride
 Concen: 0.112 ug/L
 RT: 1.605 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VU054655.D
 Acq: 22 Jun 2023 14:49

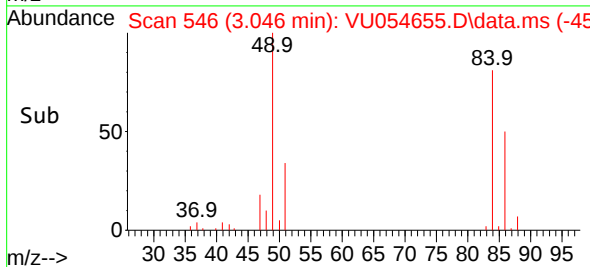
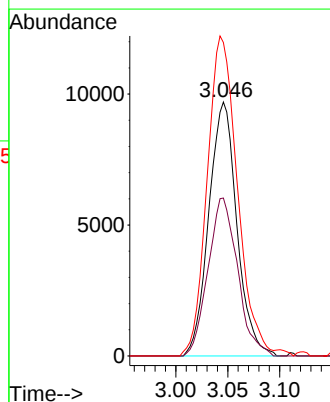
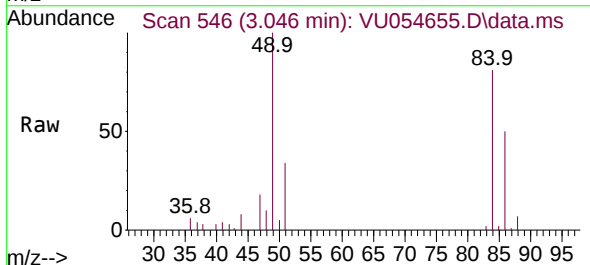
Instrument :
 MSVOA_U
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 GCA40DL

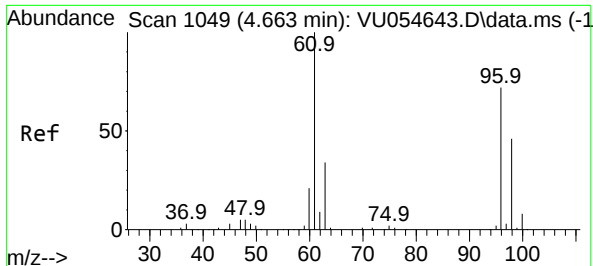
Tgt Ion: 62 Resp: 3706
 Ion Ratio Lower Upper
 62 100
 64 54.0 23.0 42.6#



#16
 Methylene chloride
 Concen: 0.596 ug/L
 RT: 3.046 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: VU054655.D
 Acq: 22 Jun 2023 14:49

Tgt Ion: 84 Resp: 18222
 Ion Ratio Lower Upper
 84 100
 86 62.2 43.9 81.5
 49 123.5 86.1 159.9

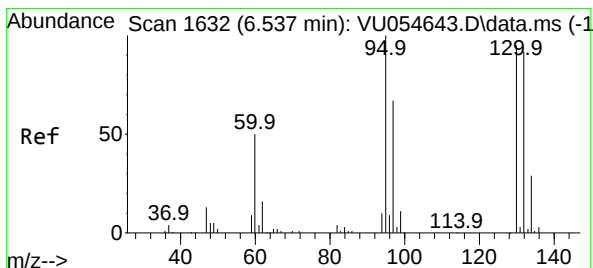
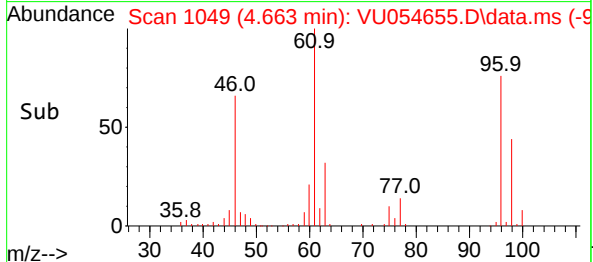
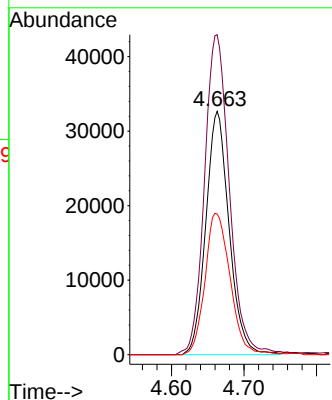
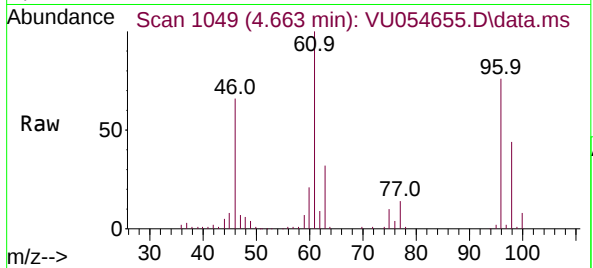




#22
 cis-1,2-Dichloroethene
 Concen: 2.857 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU054655.D
 Acq: 22 Jun 2023 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA40DL

Tgt Ion: 96 Resp: 73055
 Ion Ratio Lower Upper
 96 100
 61 131.5 96.5 179.1
 98 57.8 44.9 83.3



#34
 Trichloroethene
 Concen: 10.739 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU054655.D
 Acq: 22 Jun 2023 14:49

Tgt Ion: 95 Resp: 295403
 Ion Ratio Lower Upper
 95 100
 97 65.4 46.8 87.0
 132 89.3 68.4 127.0
 130 94.6 68.7 127.5

