

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055313.D
 Acq On : 14 Sep 2023 18:04
 Operator : MD/SY
 Sample : 04350-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4P8DL

Quant Time: Sep 15 03:03:46 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)

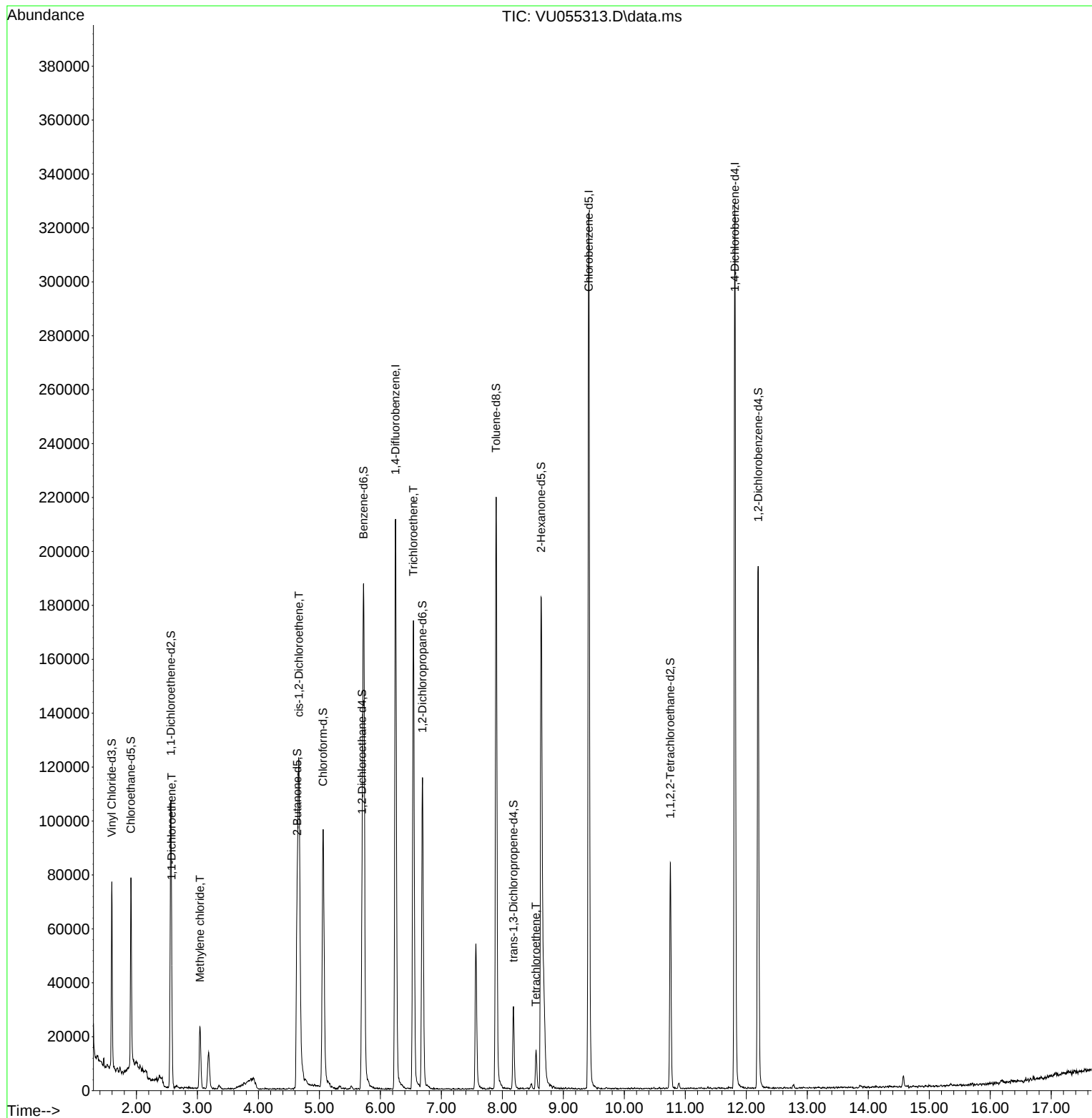
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	174450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178918	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	85380	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	48622	5.947	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	119.000%	
7) Chloroethane-d5	1.907	69	47945	5.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.400%	
11) 1,1-Dichloroethene-d2	2.563	65	18311	3.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	4.634	46	110541	46.590	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.180%	
24) Chloroform-d	5.058	84	91092	4.199	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.698	65	48672	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.724	84	180113	4.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.689	67	55947	3.983	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.600%	
41) Toluene-d8	7.898	98	149245	3.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.400%	
43) trans-1,3-Dichloroprop...	8.181	79	17122	4.426	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.600%	
46) 2-Hexanone-d5	8.634	63	59949	38.173	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.340%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	39790	4.028	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	51704	4.149	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	5442	0.675	ug/L	# 1
16) Methylene chloride	3.039	84	11103	0.901	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	47468	4.739	ug/L	92
34) Trichloroethene	6.541	95	59150	5.589	ug/L	98
47) Tetrachloroethene	8.550	164	2996	0.410	ug/L	92

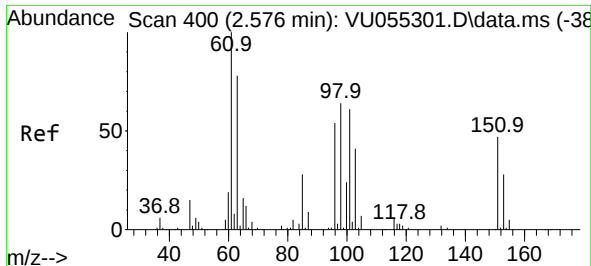
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.675 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU055313.D

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ClientSampleId :

BH4P8DL

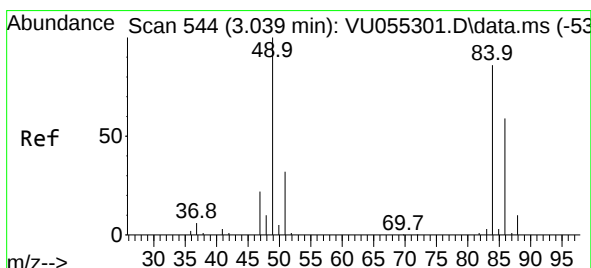
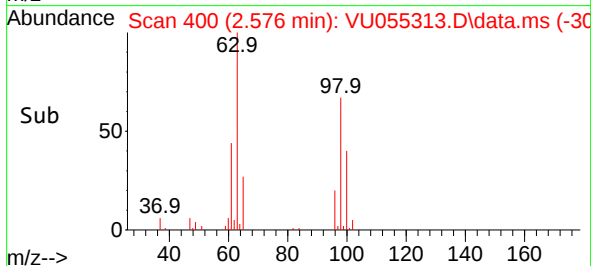
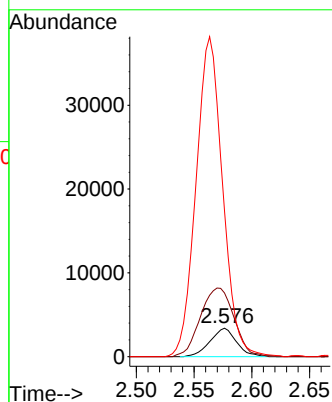
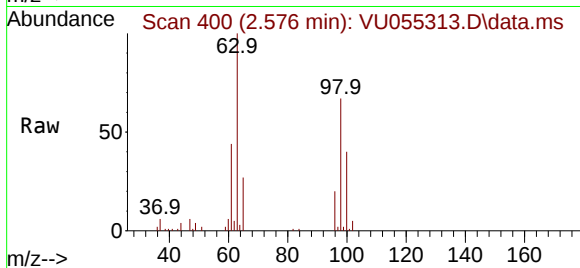
Tgt Ion: 96 Resp: 5442

Ion Ratio Lower Upper

96 100

61 223.7 120.8 224.4

63 512.1 94.5 175.5#



#16

Methylene chloride

Concen: 0.901 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

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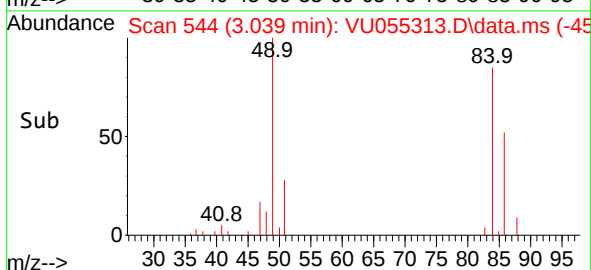
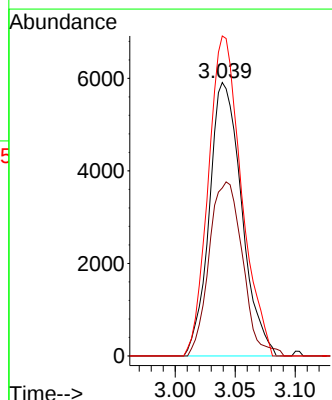
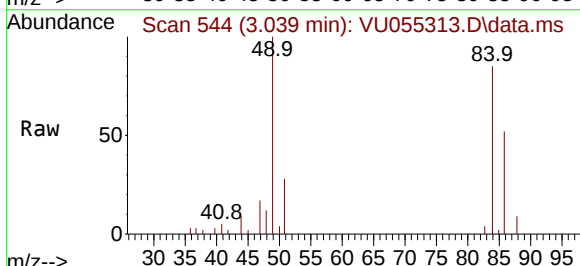
Tgt Ion: 84 Resp: 11103

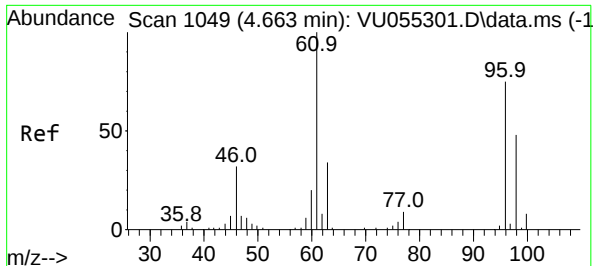
Ion Ratio Lower Upper

84 100

86 61.4 43.4 80.6

49 117.0 87.7 162.9

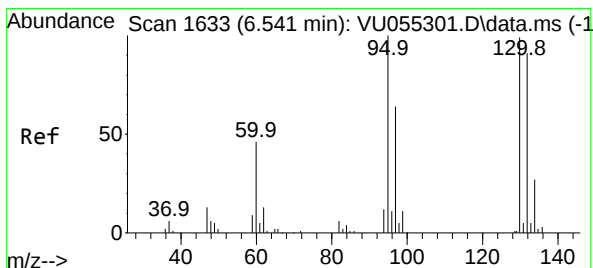
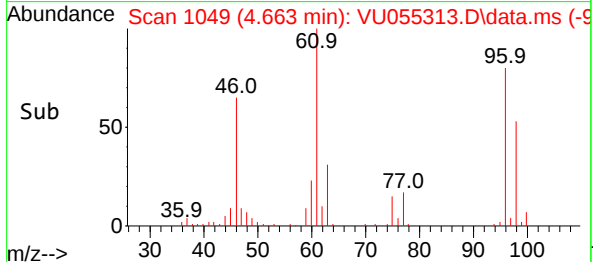
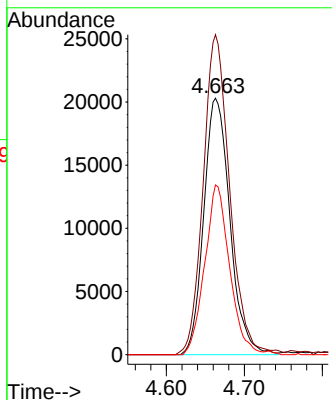
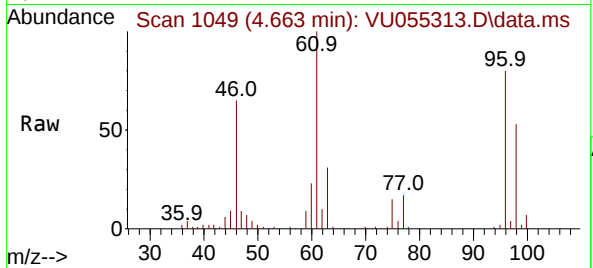




#22
 cis-1,2-Dichloroethene
 Concen: 4.739 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055313.D
 Acq: 14 Sep 2023 18:04

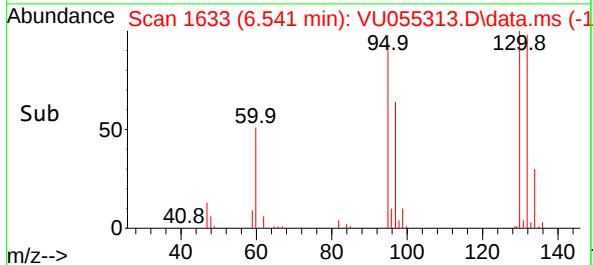
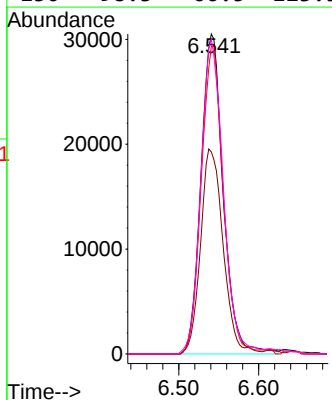
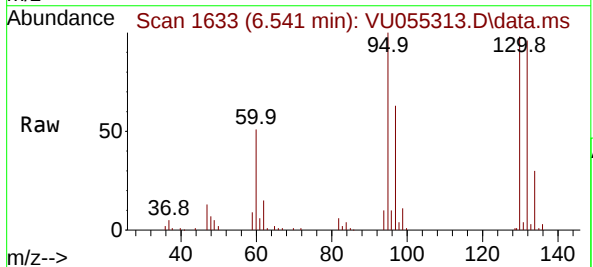
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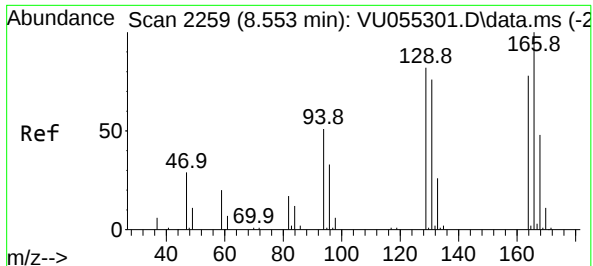
Tgt Ion: 96 Resp: 47468
 Ion Ratio Lower Upper
 96 100
 61 124.7 97.2 180.4
 98 66.2 46.1 85.7



#34
 Trichloroethene
 Concen: 5.589 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055313.D
 Acq: 14 Sep 2023 18:04

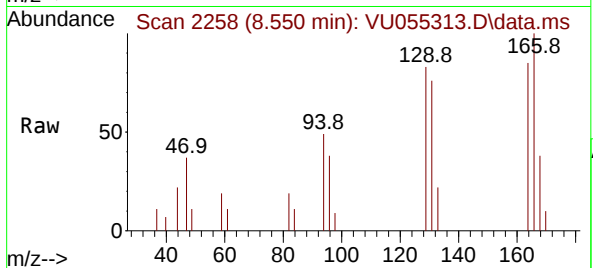
Tgt Ion: 95 Resp: 59150
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.7 83.1
 132 96.1 66.6 123.6
 130 98.3 66.5 123.5





#47
Tetrachloroethene
Concen: 0.410 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055313.D
Acq: 14 Sep 2023 18:04

Instrument :
MSVOA_U
ClientSampleId :
BH4P8DL



Tgt Ion:	164	Resp:	2996
Ion	Ratio	Lower	Upper
164	100		
129	96.9	69.2	128.6
131	89.4	68.8	127.8
166	117.2	92.3	171.5

