

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055288.D
 Acq On : 13 Sep 2023 16:41
 Operator : MD/SY
 Sample : 04307-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N6DL

Quant Time: Sep 14 05:06:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

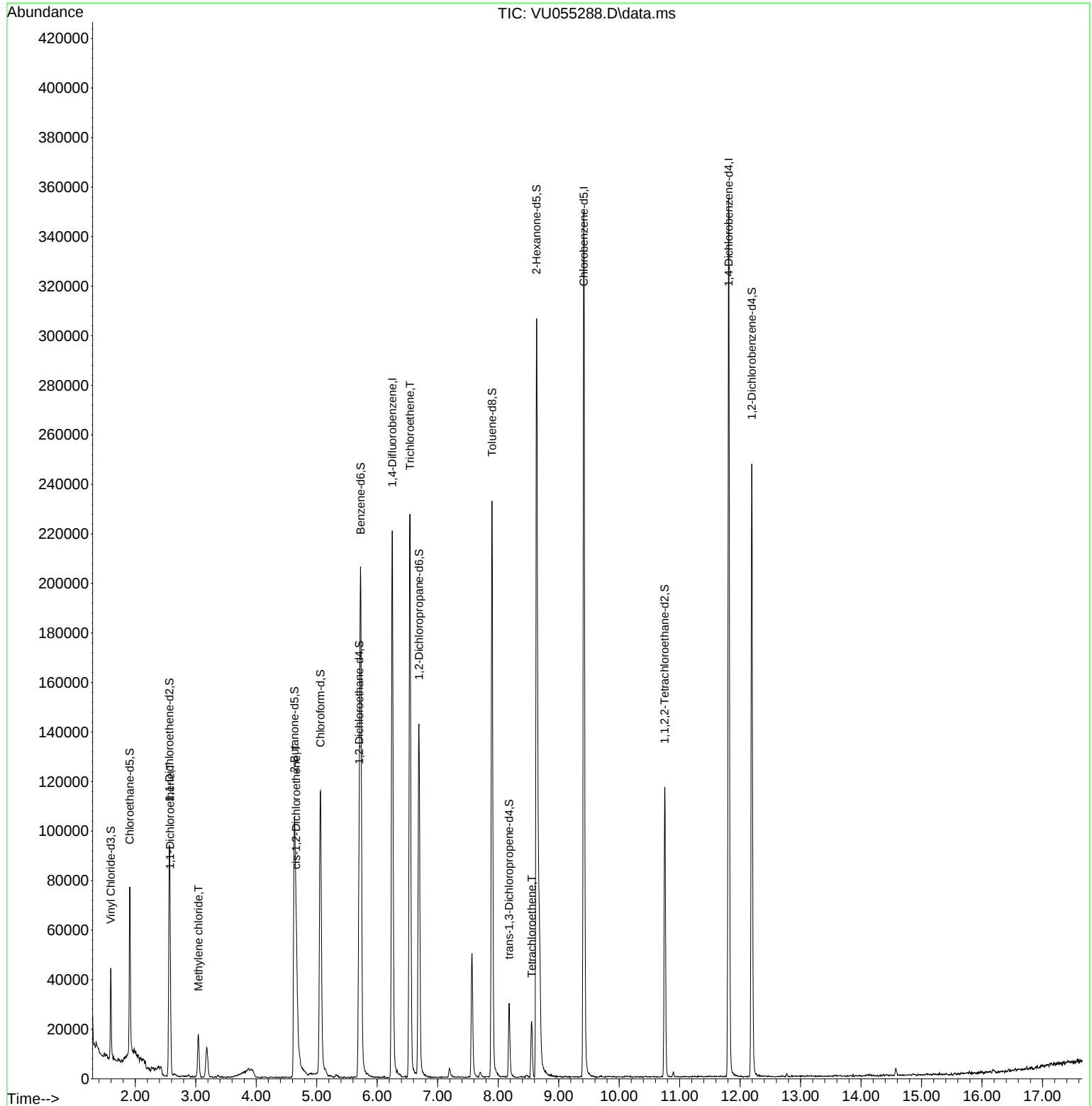
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177487	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	194111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25726	3.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.908	69	46240	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.564	65	14470	3.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.631	46	169584	70.251	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.500%#
24) Chloroform-d	5.062	84	107025	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.702	65	59082	5.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.727	84	190950	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.689	67	70616	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.898	98	159021	3.603	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.181	79	16810	4.005	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.634	63	98873	58.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58065	5.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	63992	4.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	10769	1.312	ug/L #	51
16) Methylene chloride	3.043	84	8228	0.656	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	9445	0.927	ug/L	94
34) Trichloroethene	6.541	95	77140	6.719	ug/L	95
47) Tetrachloroethene	8.554	164	4962	0.625	ug/L	99

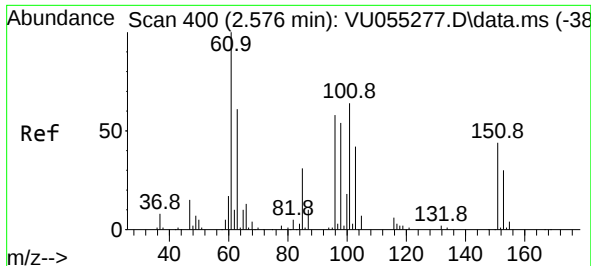
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.312 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.000 min

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Instrument :

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ClientSampleId :

BH4N6DL

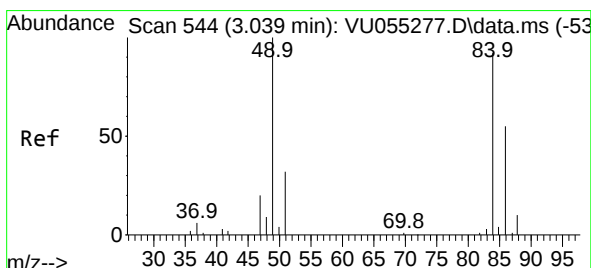
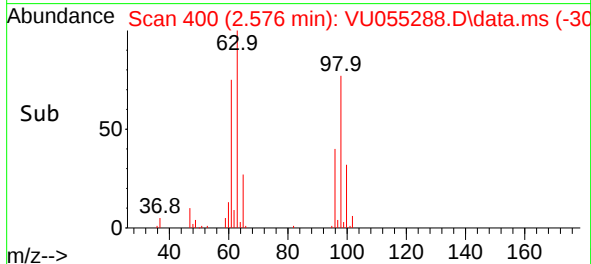
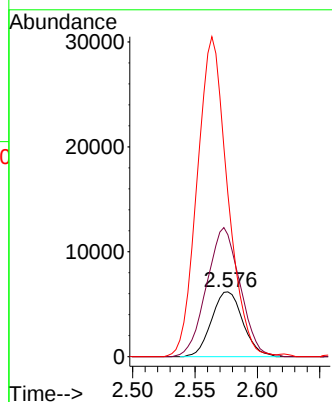
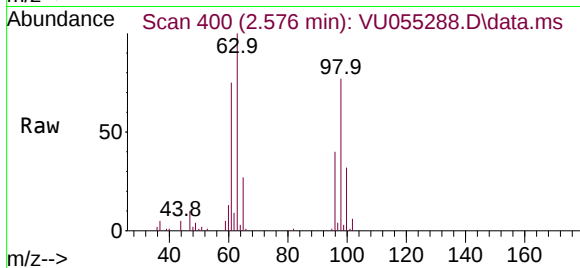
Tgt Ion: 96 Resp: 10769

Ion Ratio Lower Upper

96 100

61 188.4 120.8 224.4

63 251.8 94.5 175.5#



#16

Methylene chloride

Concen: 0.656 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.003 min

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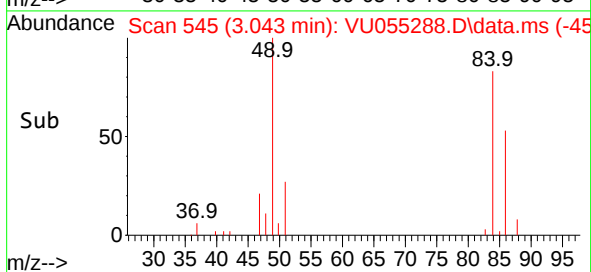
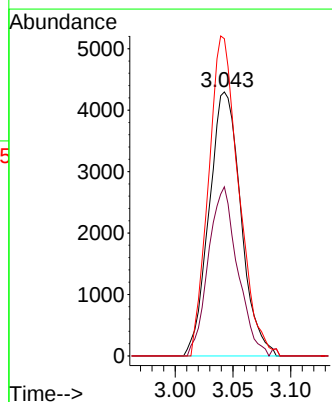
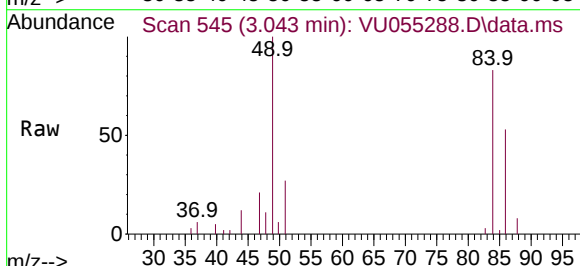
Tgt Ion: 84 Resp: 8228

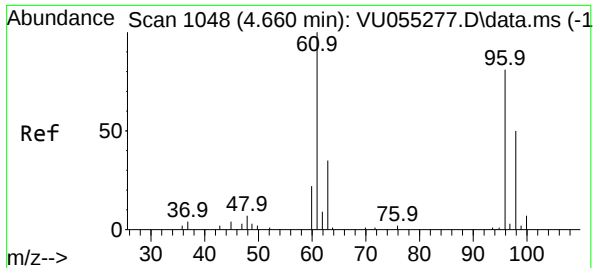
Ion Ratio Lower Upper

84 100

86 64.0 43.4 80.6

49 127.3 87.7 162.9

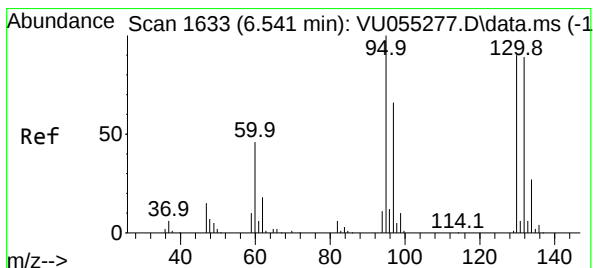
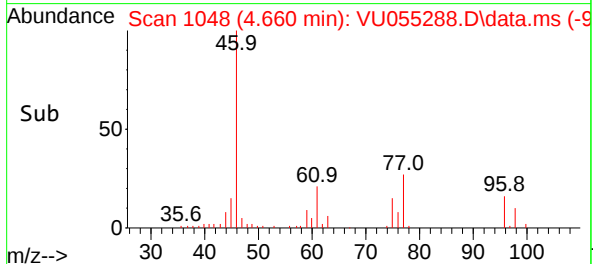
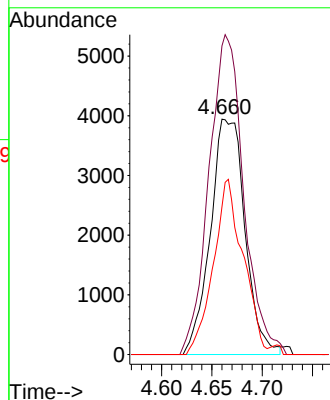
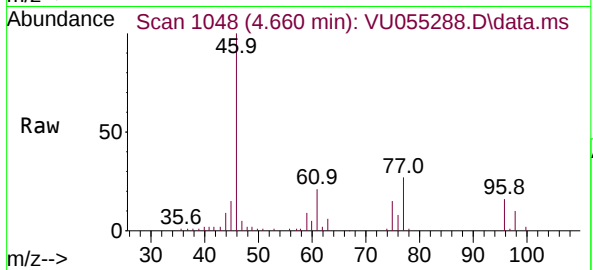




#22
 cis-1,2-Dichloroethene
 Concen: 0.927 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU055288.D
 Acq: 13 Sep 2023 16:41

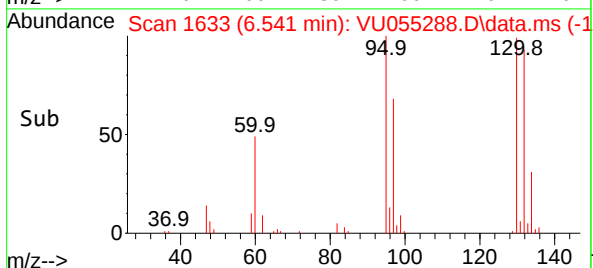
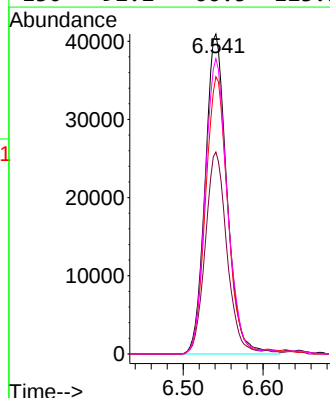
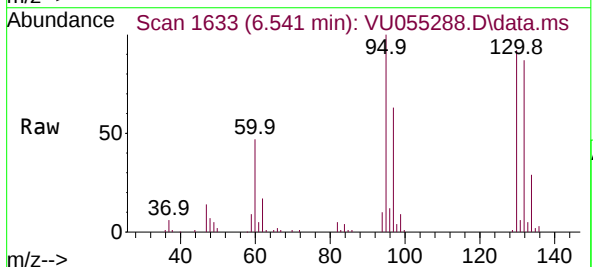
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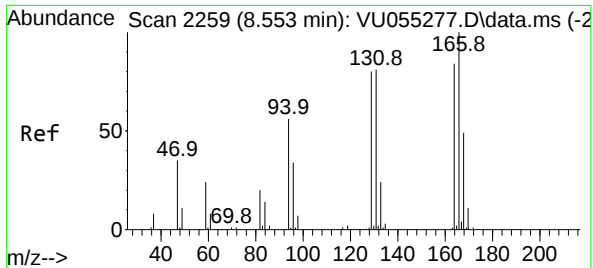
Tgt Ion:	96	Resp:	9445
Ion	Ratio	Lower	Upper
96	100		
61	131.1	97.2	180.4
98	62.8	46.1	85.7



#34
 Trichloroethene
 Concen: 6.719 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055288.D
 Acq: 13 Sep 2023 16:41

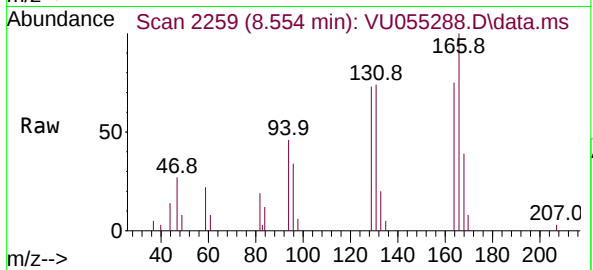
Tgt Ion:	95	Resp:	77140
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.7	83.1
132	86.6	66.6	123.6
130	92.2	66.5	123.5





#47
 Tetrachloroethene
 Concen: 0.625 ug/L
 RT: 8.554 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055288.D
 Acq: 13 Sep 2023 16:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N6DL



Tgt Ion:	164	Resp:	4962
Ion	Ratio	Lower	Upper
164	100		
129	97.4	69.2	128.6
131	98.7	68.8	127.8
166	133.8	92.3	171.5

