

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055026.D
 Acq On : 31 Aug 2023 17:14
 Operator : MD/SY
 Sample : 04230-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH490DL

Quant Time: Sep 01 05:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 04:57:47 2023
 Response via : Initial Calibration

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

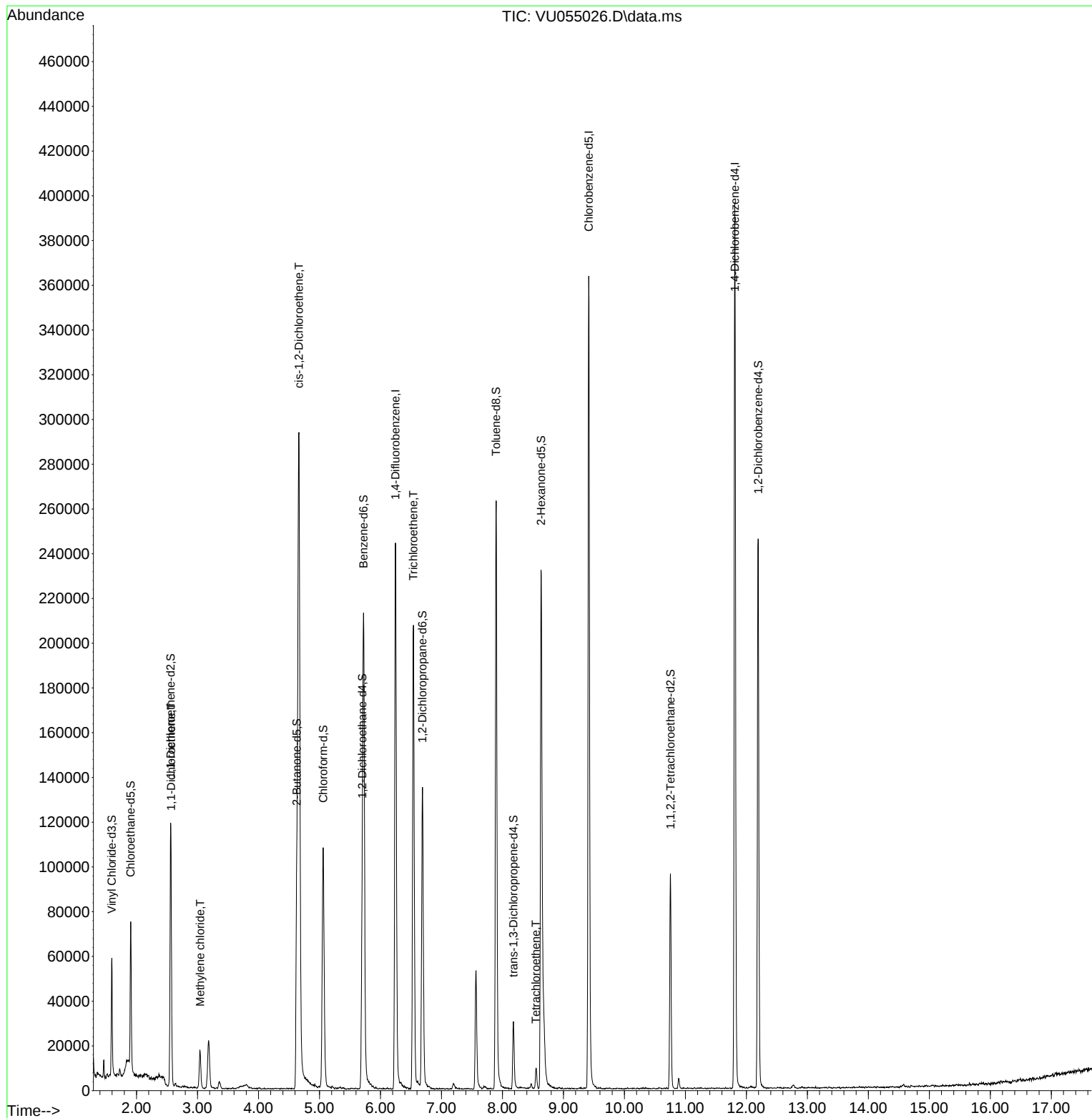
Internal Standards							
1) 1,4-Difluorobenzene		6.248	114	194852	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	194718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.811	152	100074	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.596	65	37289	6.063	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.200%	
7) Chloroethane-d5		1.904	69	45596	5.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.800%	
11) 1,1-Dichloroethene-d2		2.560	65	22376	6.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.800%#	
20) 2-Butanone-d5		4.628	46	121825	36.698	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.400%	
24) Chloroform-d		5.062	84	98778	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4		5.702	65	53785	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%	
32) Benzene-d6		5.724	84	198625	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6		6.689	67	64547	4.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%	
41) Toluene-d8		7.898	98	174558	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...		8.181	79	17728	3.499	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.000%	
46) 2-Hexanone-d5		8.634	63	73764	30.677	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.360%	
56) 1,1,2,2-Tetrachloroeth...		10.756	84	44999	3.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.200%	
66) 1,2-Dichlorobenzene-d4		12.193	152	60768	3.803	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.000%#	
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		2.567	96	1299	0.148	ug/L #	1
16) Methylene chloride		3.042	84	7641	0.565	ug/L	98
22) cis-1,2-Dichloroethene		4.663	96	136684	11.924	ug/L	91
34) Trichloroethene		6.541	95	68110	5.350	ug/L	97
47) Tetrachloroethene		8.550	164	1660	0.181	ug/L	87

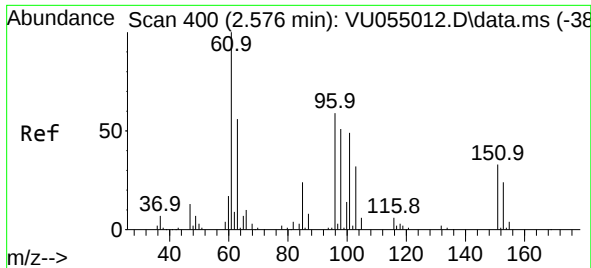
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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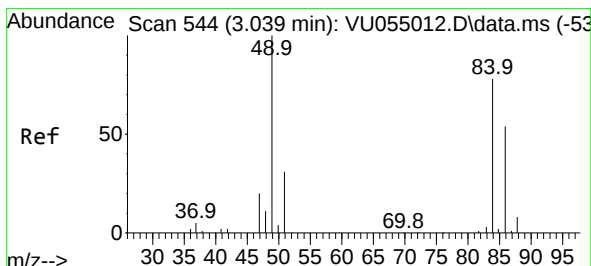
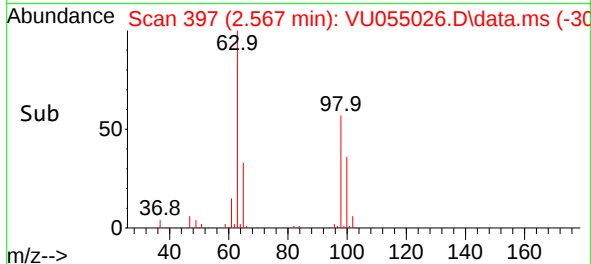
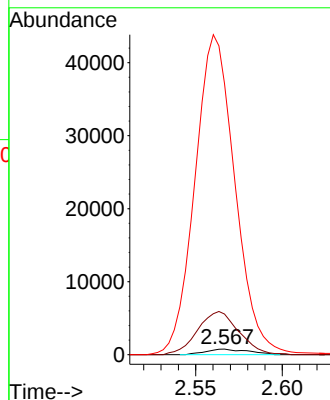
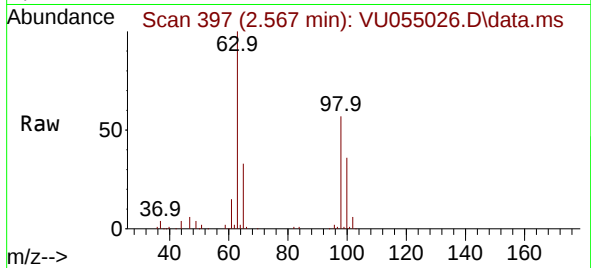




#12
1,1-Dichloroethene
Concen: 0.148 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.010 min
Lab File: VU055026.D
Acq: 31 Aug 2023 17:14

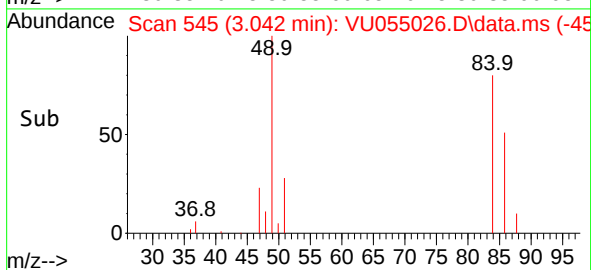
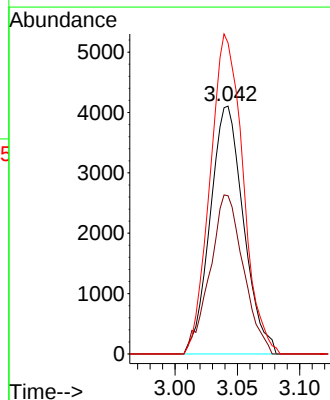
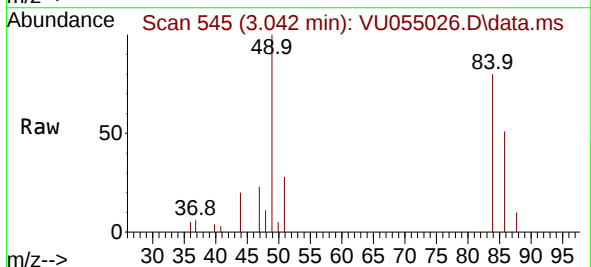
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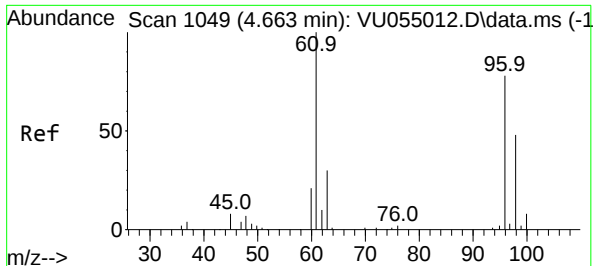
Tgt Ion: 96 Resp: 1299
Ion Ratio Lower Upper
96 100
61 525.0 132.4 245.8#
63 3507.5 82.5 153.1#



#16
Methylene chloride
Concen: 0.565 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055026.D
Acq: 31 Aug 2023 17:14

Tgt Ion: 84 Resp: 7641
Ion Ratio Lower Upper
84 100
86 63.8 45.1 83.7
49 125.5 89.5 166.3

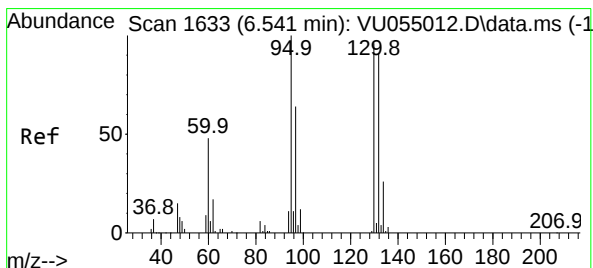
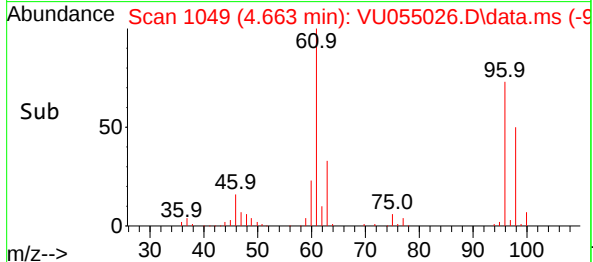
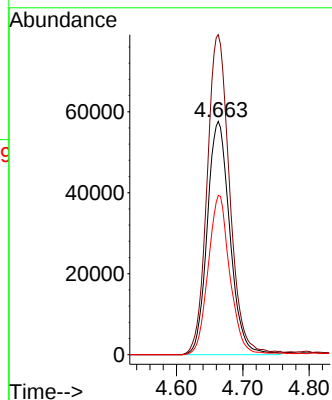
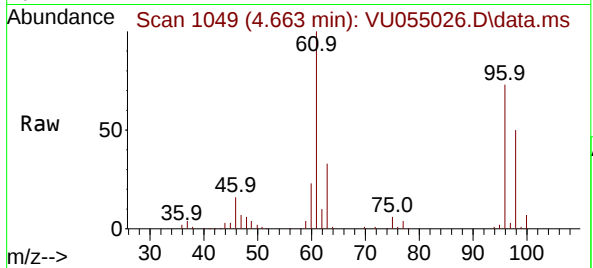




#22
 cis-1,2-Dichloroethene
 Concen: 11.924 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055026.D
 Acq: 31 Aug 2023 17:14

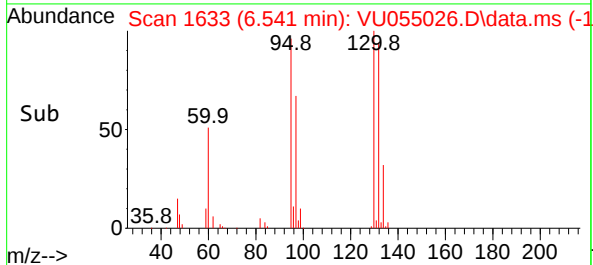
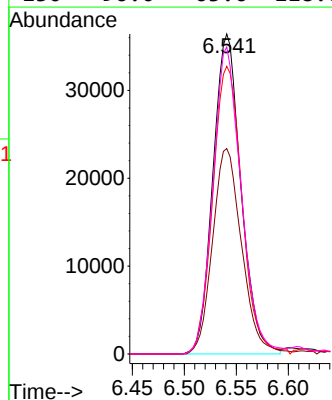
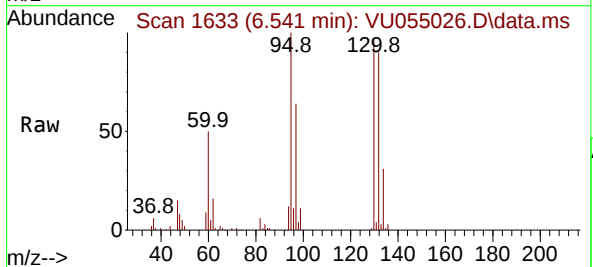
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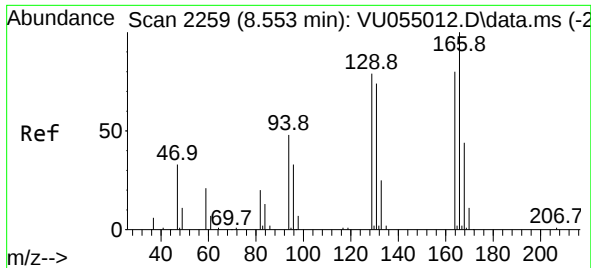
Tgt Ion: 96 Resp: 136684
 Ion Ratio Lower Upper
 96 100
 61 137.2 88.4 164.2
 98 68.3 44.0 81.6



#34
 Trichloroethene
 Concen: 5.350 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055026.D
 Acq: 31 Aug 2023 17:14

Tgt Ion: 95 Resp: 68110
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.1 81.9
 132 89.9 63.6 118.2
 130 96.0 63.6 118.0





#47

Tetrachloroethene

Concen: 0.181 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU055026.D

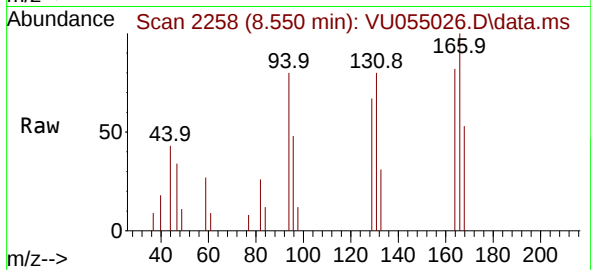
Acq: 31 Aug 2023 17:14

Instrument :

MSVOA_U

ClientSampleId :

BH490DL



Tgt Ion:164 Resp: 1660

Ion Ratio Lower Upper

164 100

129 81.5 72.8 135.2

131 96.8 70.7 131.3

166 121.4 95.9 178.1

