

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083123\
 Data File : VU055023.D
 Acq On : 31 Aug 2023 16:00
 Operator : MD/SY
 Sample : 04209-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH489DL

Quant Time: Sep 01 05:01:20 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

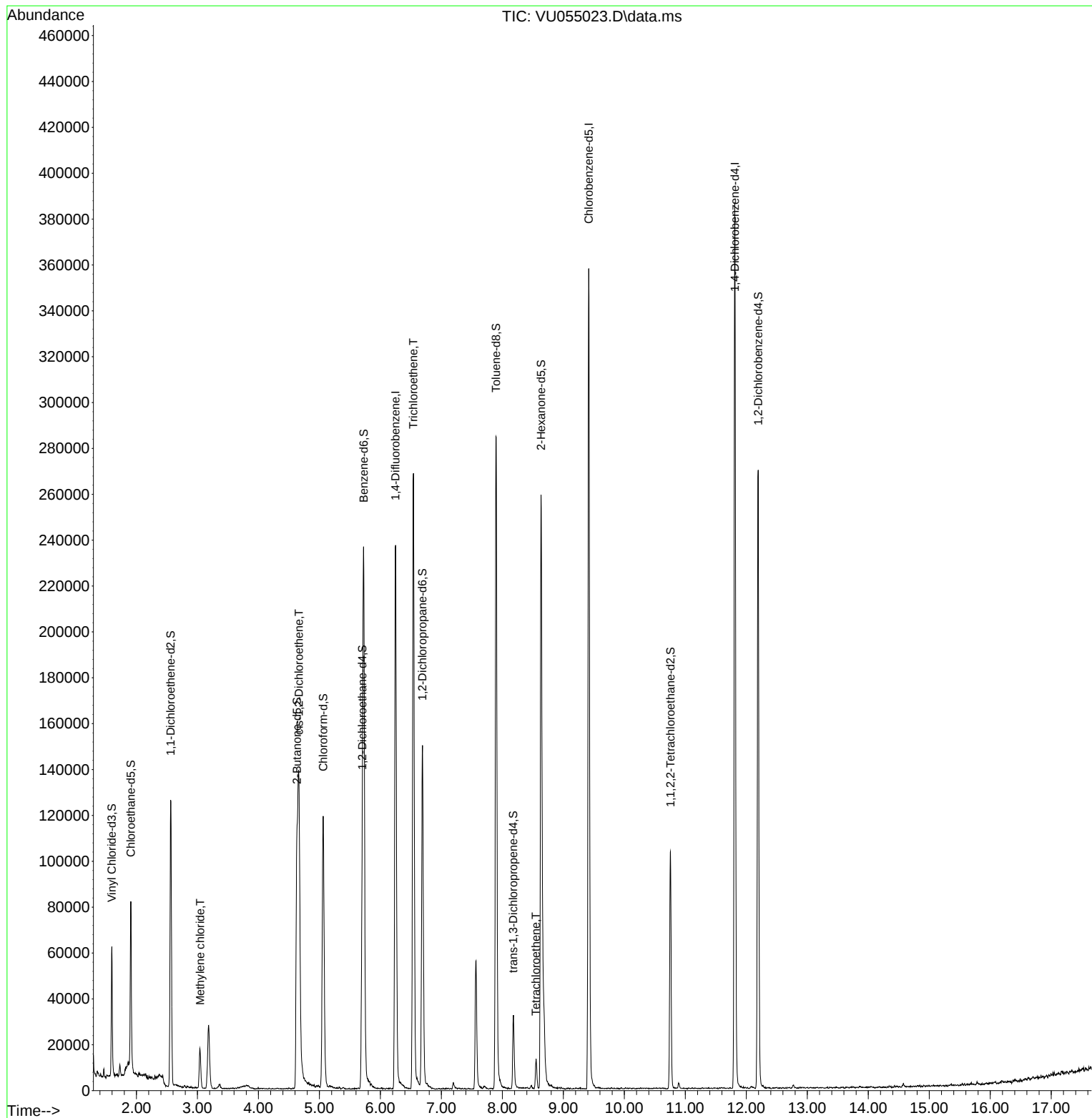
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	189863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	191877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	97043	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41759	6.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 139.400%#	
7) Chloroethane-d5	1.908	69	49471	6.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 127.800%	
11) 1,1-Dichloroethene-d2	2.560	65	23852	7.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 140.800%#	
20) 2-Butanone-d5	4.631	46	138090	42.691	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 85.380%	
24) Chloroform-d	5.062	84	108251	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 97.400%	
26) 1,2-Dichloroethane-d4	5.702	65	56910	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 96.200%	
32) Benzene-d6	5.724	84	218228	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.200%	
36) 1,2-Dichloropropane-d6	6.689	67	70571	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 93.000%	
41) Toluene-d8	7.898	98	195311	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 94.600%	
43) trans-1,3-Dichloroprop...	8.177	79	18336	3.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 73.400%	
46) 2-Hexanone-d5	8.634	63	84518	35.670	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 71.340%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50517	3.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 77.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	66374	4.284	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 85.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.043	84	7537	0.572	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	53791	4.816	ug/L	99
34) Trichloroethene	6.541	95	93700	7.469	ug/L	99
47) Tetrachloroethene	8.550	164	2513	0.279	ug/L	89

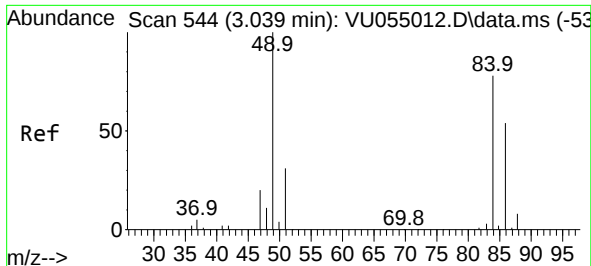
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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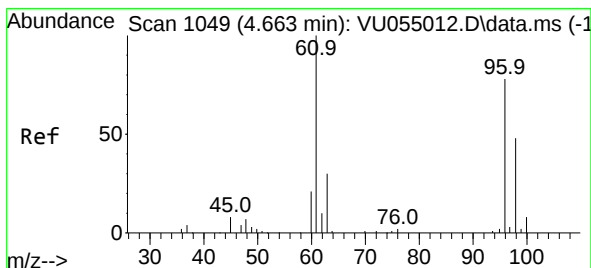
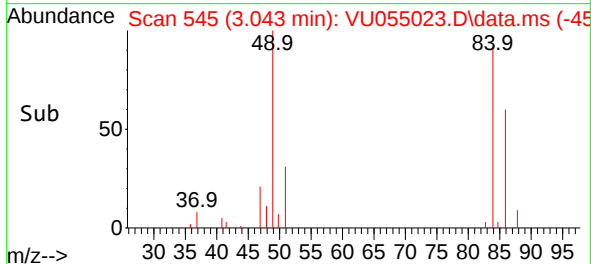
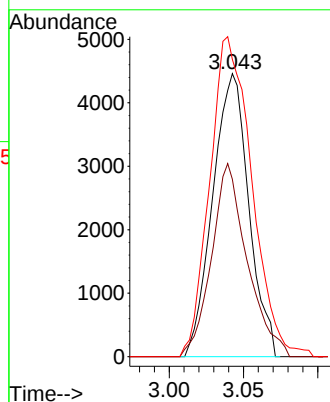
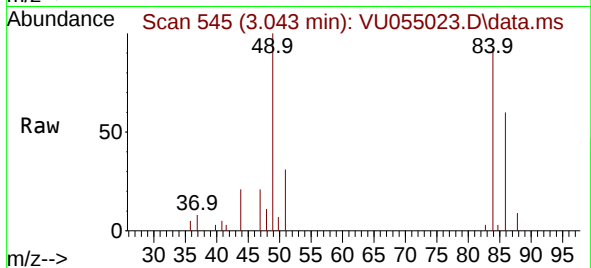




#16
Methylene chloride
Concen: 0.572 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU055023.D
Acq: 31 Aug 2023 16:00

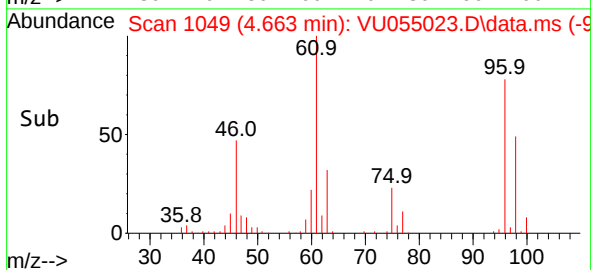
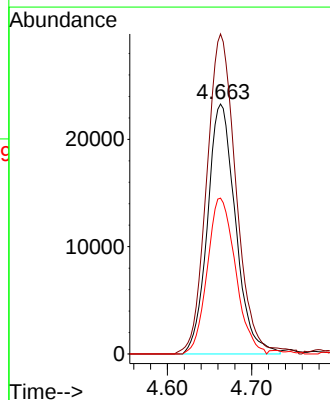
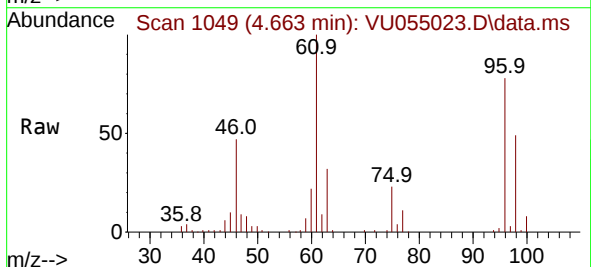
Instrument :
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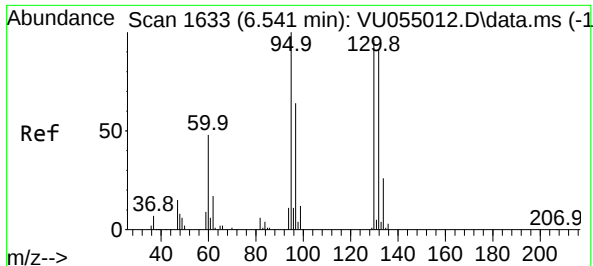
Tgt Ion: 84 Resp: 7537
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.7
49 112.0 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 4.816 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055023.D
Acq: 31 Aug 2023 16:00

Tgt Ion: 96 Resp: 53791
Ion Ratio Lower Upper
96 100
61 128.0 88.4 164.2
98 62.3 44.0 81.6





#34

Trichloroethene

Concen: 7.469 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU055023.D

Acq: 31 Aug 2023 16:00

Instrument :

MSVOA_U

ClientSampleId :

BH489DL

Tgt Ion: 95 Resp: 93700

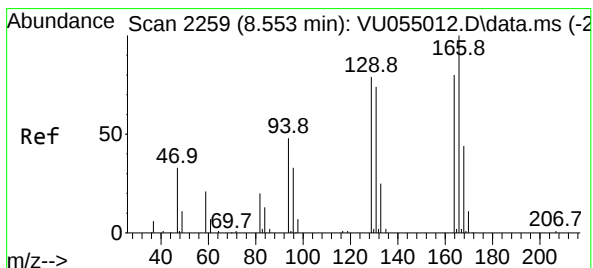
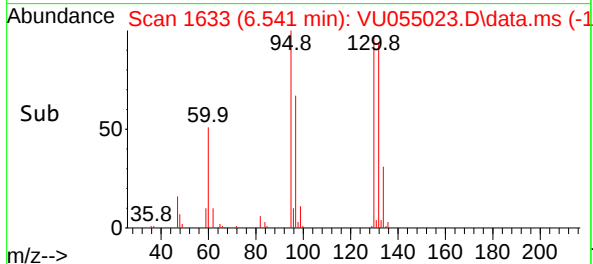
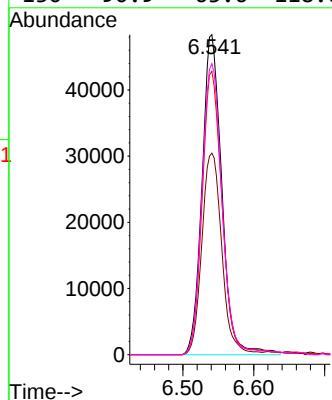
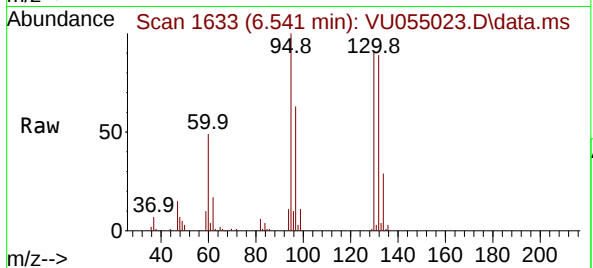
Ion Ratio Lower Upper

95 100

97 63.0 44.1 81.9

132 88.6 63.6 118.2

130 90.9 63.6 118.0



#47

Tetrachloroethene

Concen: 0.279 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.003 min

Lab File: VU055023.D

Acq: 31 Aug 2023 16:00

Tgt Ion: 164 Resp: 2513

Ion Ratio Lower Upper

164 100

129 95.3 72.8 135.2

131 123.3 70.7 131.3

166 132.1 95.9 178.1

