

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055221.D
 Acq On : 08 Sep 2023 05:43
 Operator : MD/SY
 Sample : VIBLK129
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK129

Quant Time: Sep 08 06:41:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

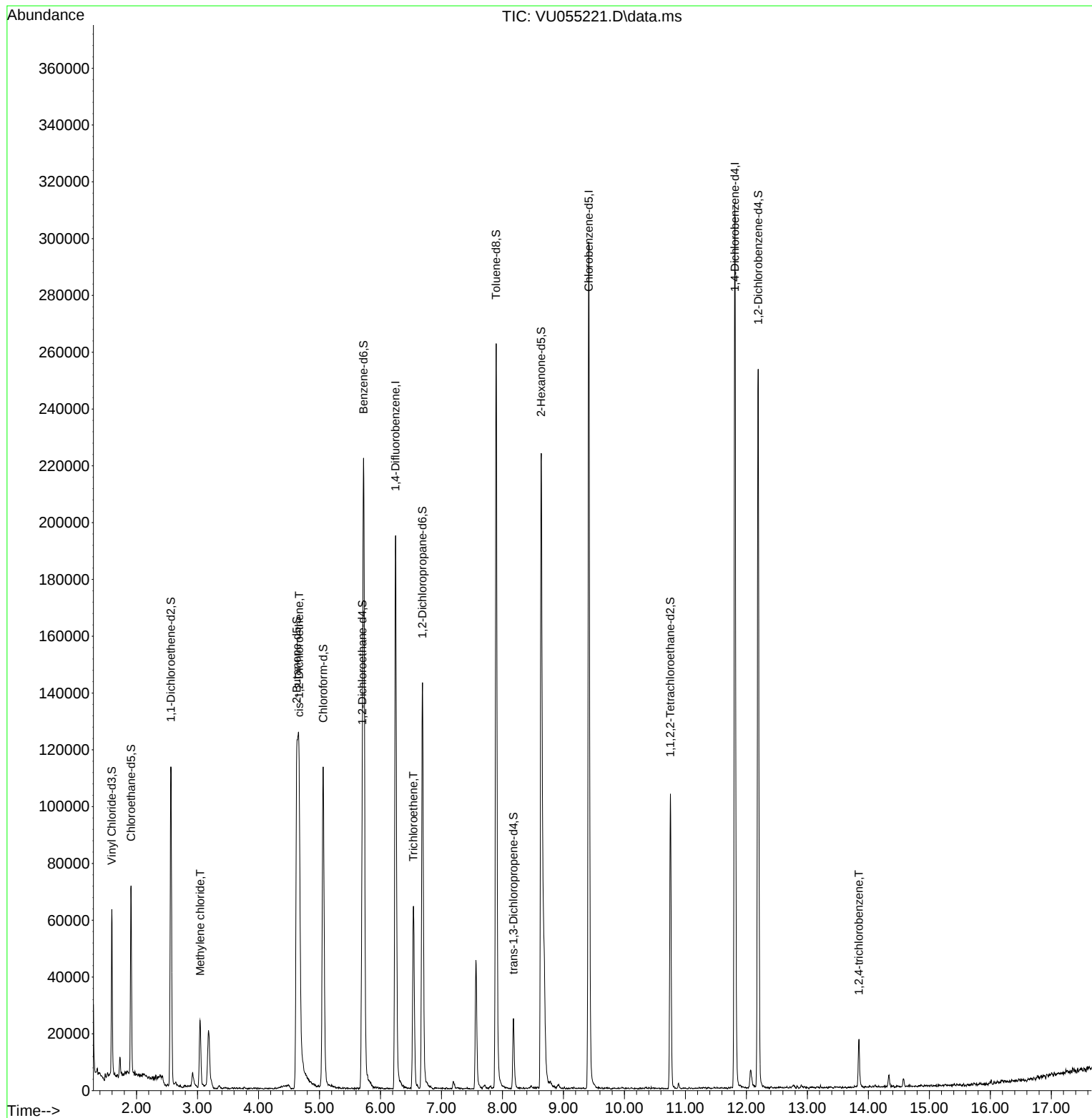
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	154526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	161976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	77808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39826	5.499	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.000%	
7) Chloroethane-d5	1.911	69	44513	5.310	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.200%	
11) 1,1-Dichloroethene-d2	2.563	65	22184	5.376	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	107.600%	
20) 2-Butanone-d5	4.627	46	136581	64.987	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.980%	
24) Chloroform-d	5.062	84	105208	5.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.400%	
26) 1,2-Dichloroethane-d4	5.701	65	56154	5.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.800%	
32) Benzene-d6	5.724	84	203390	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
36) 1,2-Dichloropropane-d6	6.688	67	66990	5.268	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.400%	
41) Toluene-d8	7.897	98	175566	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.180	79	14839	4.237	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.634	63	68414	48.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.240%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49925	5.582	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	61298	5.397	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.000%	
Target Compounds						
16) Methylene chloride	3.042	84	10481	0.960	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	41323	4.657	ug/L	97
34) Trichloroethene	6.541	95	21613	2.256	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	4875	0.395	ug/L	95

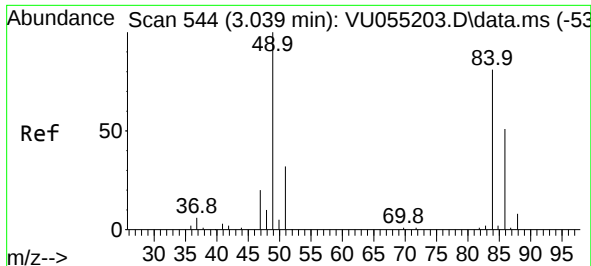
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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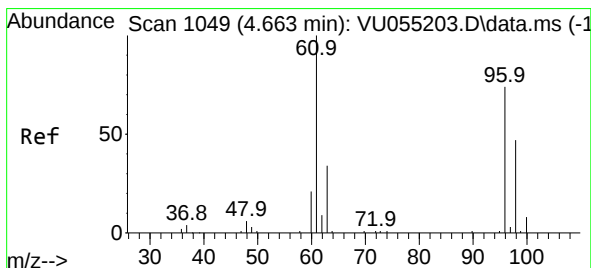
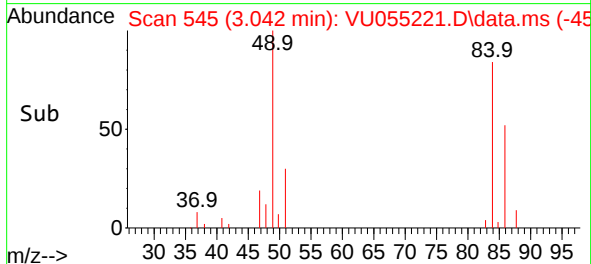
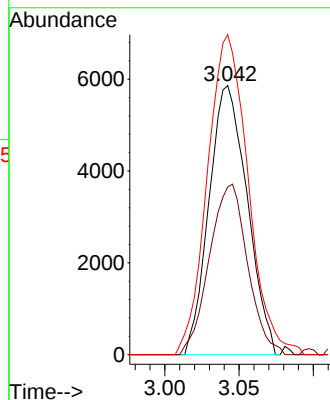
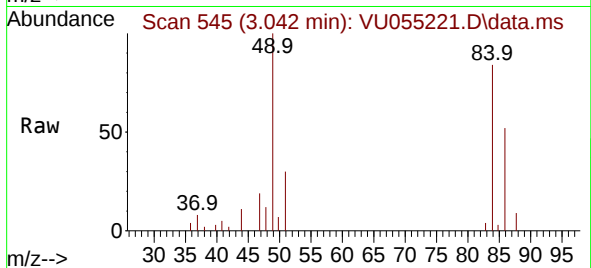




#16
Methylene chloride
Concen: 0.960 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

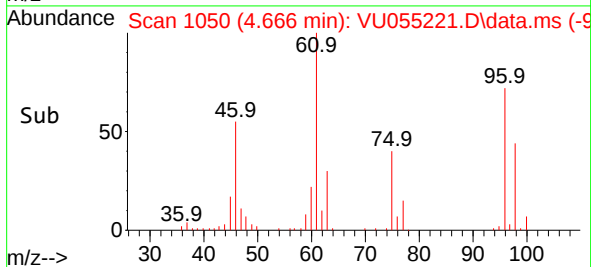
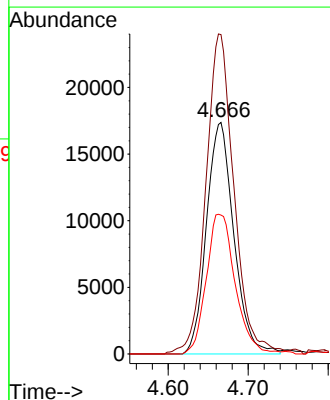
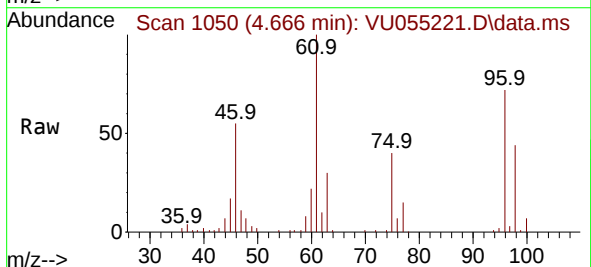
Instrument :
MSVOA_U
ClientSampleId :
VIBLK129

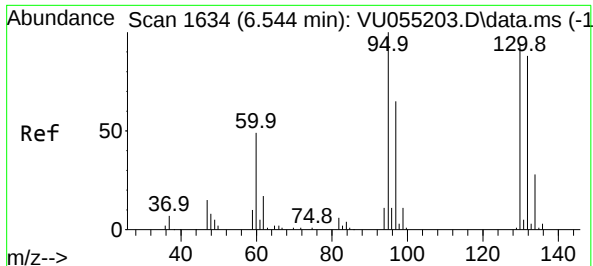
Tgt Ion: 84 Resp: 10481
Ion Ratio Lower Upper
84 100
86 62.3 43.4 80.6
49 127.4 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 4.657 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055221.D
Acq: 08 Sep 2023 05:43

Tgt Ion: 96 Resp: 41323
Ion Ratio Lower Upper
96 100
61 137.9 97.2 180.4
98 60.0 46.1 85.7



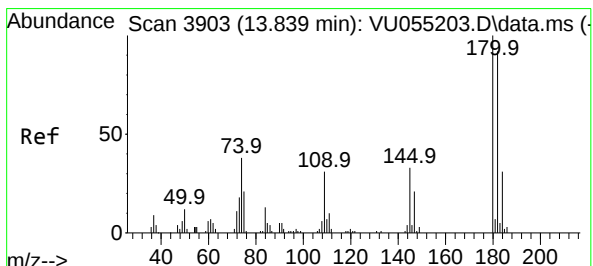
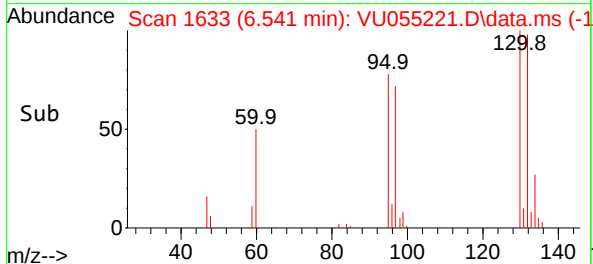
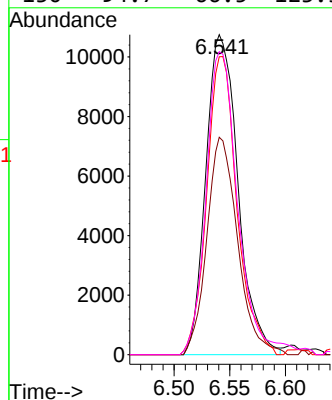
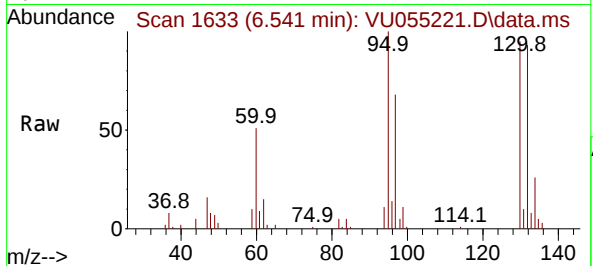


#34
 Trichloroethene
 Concen: 2.256 ug/L
 RT: 6.541 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU055221.D
 Acq: 08 Sep 2023 05:43

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Tgt Ion: 95 Resp: 21613

Ion	Ratio	Lower	Upper
95	100		
97	68.0	44.7	83.1
132	93.1	66.6	123.6
130	94.7	66.5	123.5



#70
 1,2,4-trichlorobenzene
 Concen: 0.395 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: VU055221.D
 Acq: 08 Sep 2023 05:43

Tgt Ion: 180 Resp: 4875

Ion	Ratio	Lower	Upper
180	100		
182	97.5	73.6	110.4
145	34.9	25.8	38.8

