

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055201.D
 Acq On : 07 Sep 2023 20:14
 Operator : MD/SY
 Sample : 04307-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G8

Quant Time: Sep 08 05:11:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

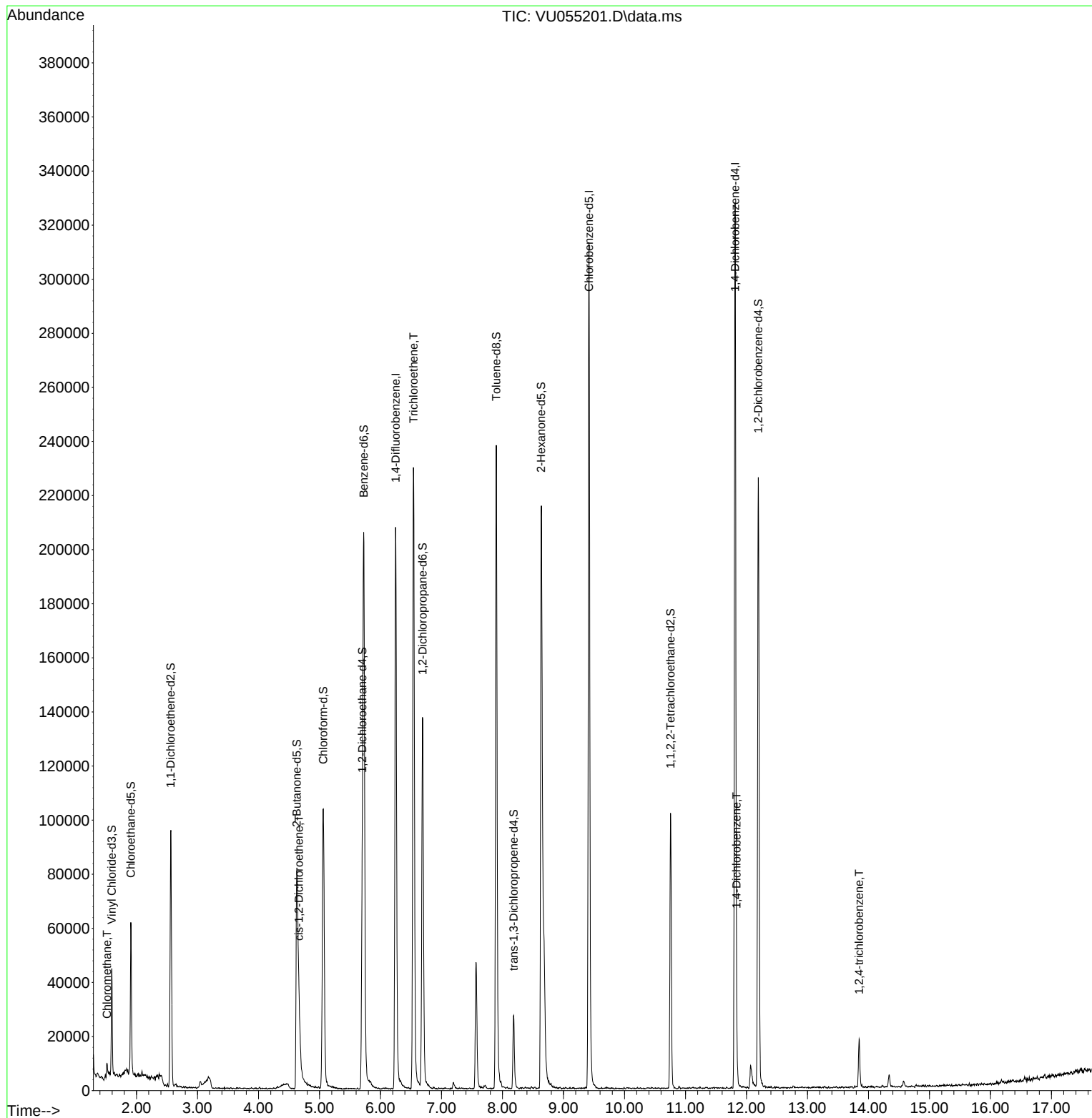
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	161146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	167887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81855	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27118	3.591	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.800%	
7) Chloroethane-d5	1.907	69	37653	4.307	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.200%	
11) 1,1-Dichloroethene-d2	2.560	65	18471	4.292	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	4.627	46	133515	60.918	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.840%	
24) Chloroform-d	5.061	84	98590	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.701	65	51335	5.120	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.727	84	185973	4.488	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
36) 1,2-Dichloropropane-d6	6.692	67	64679	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.897	98	160853	4.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	8.184	79	16370	4.510	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.634	63	66351	45.025	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.060%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50378	5.435	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	58725	4.915	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	4402	0.462	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	5690	0.615	ug/L	88
34) Trichloroethene	6.541	95	77614	7.816	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	2945	0.161	ug/L #	76
70) 1,2,4-trichlorobenzene	13.846	180	5758	0.443	ug/L	99

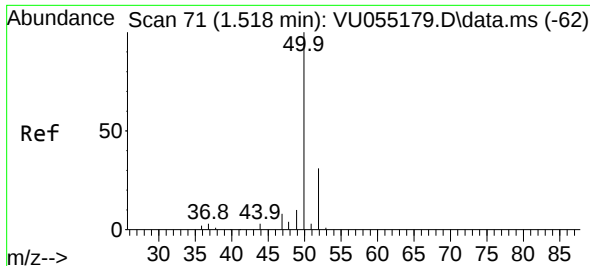
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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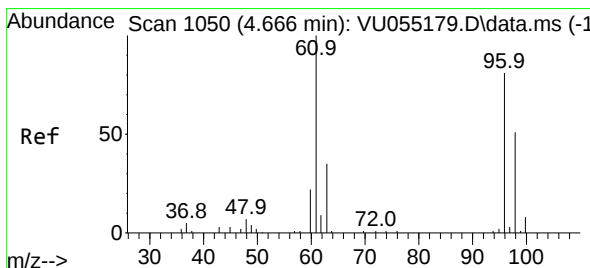
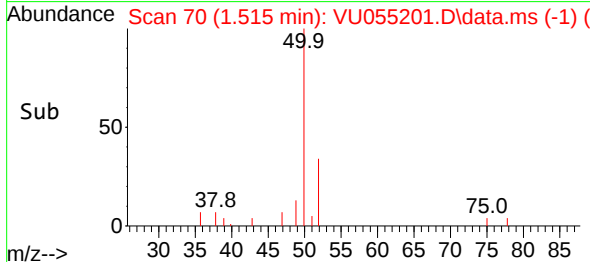
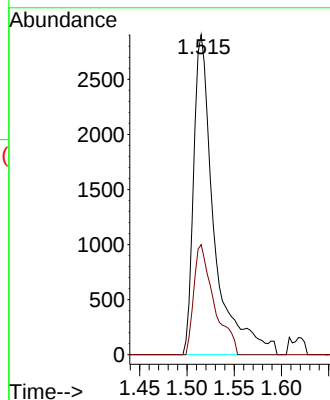
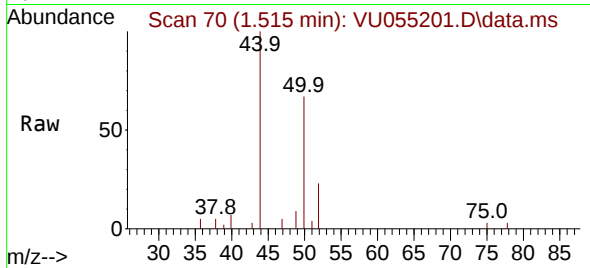




#3
Chloromethane
Concen: 0.462 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

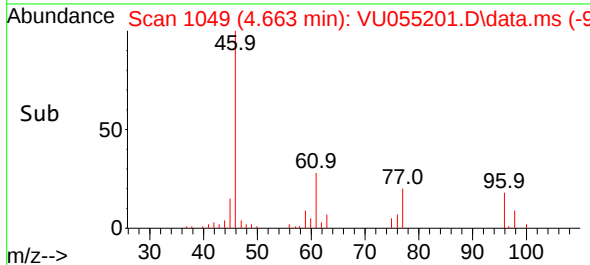
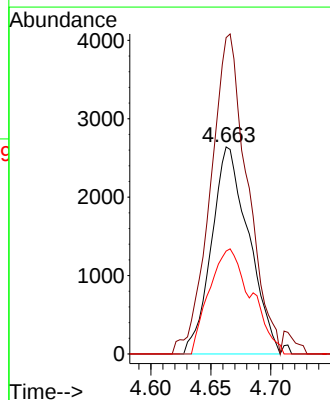
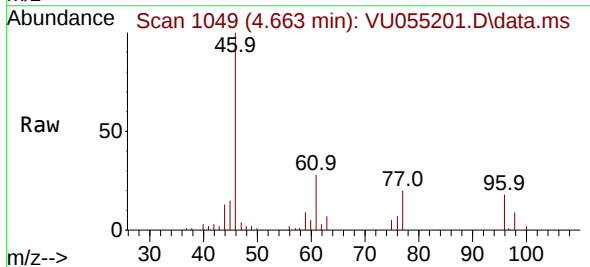
Instrument :
MSVOA_U
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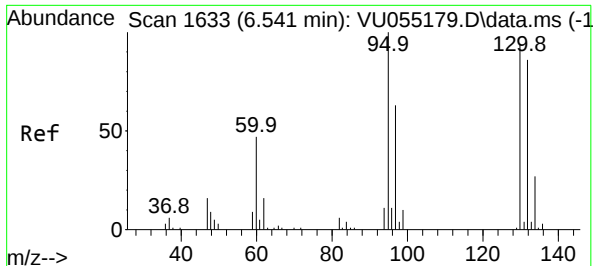
Tgt Ion: 50 Resp: 4402
Ion Ratio Lower Upper
50 100
52 34.4 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 0.615 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

Tgt Ion: 96 Resp: 5690
Ion Ratio Lower Upper
96 100
61 146.9 97.2 180.4
98 47.8 46.1 85.7

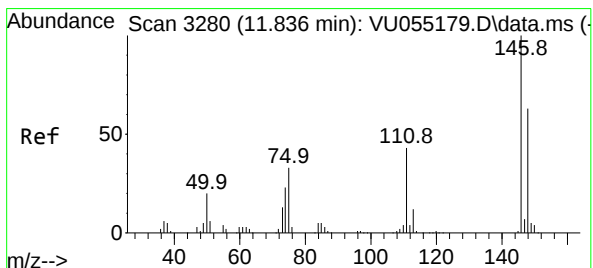
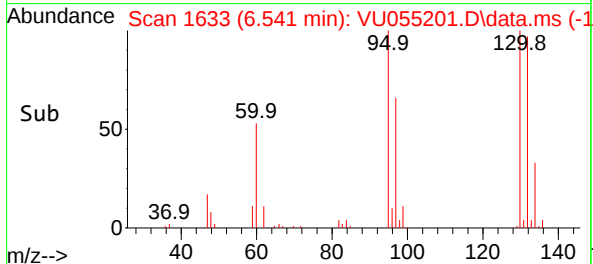
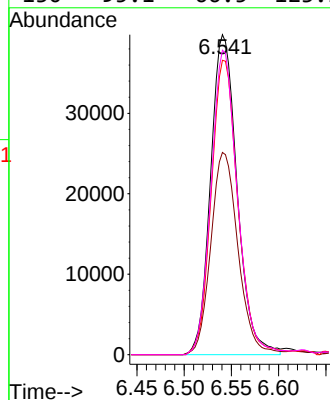
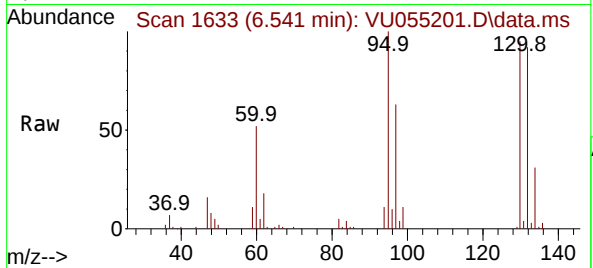




#34
Trichloroethene
Concen: 7.816 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

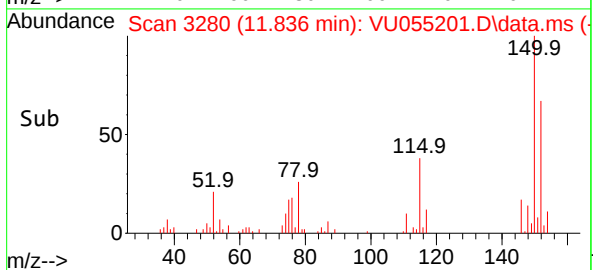
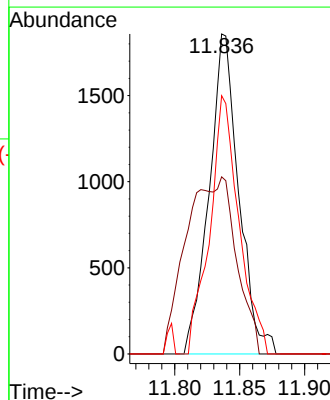
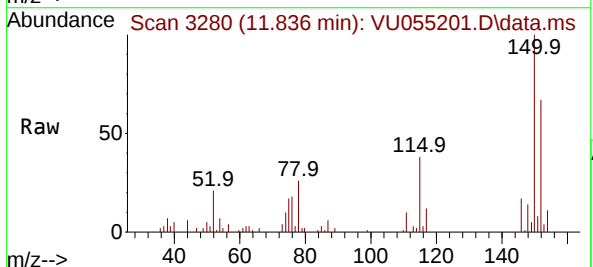
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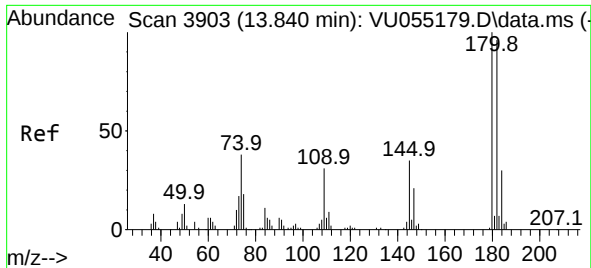
Tgt Ion: 95 Resp: 77614
Ion Ratio Lower Upper
95 100
97 63.2 44.7 83.1
132 92.0 66.6 123.6
130 95.1 66.5 123.5



#65
1,4-Dichlorobenzene
Concen: 0.161 ug/L
RT: 11.836 min Scan# 3280
Delta R.T. -0.000 min
Lab File: VU055201.D
Acq: 07 Sep 2023 20:14

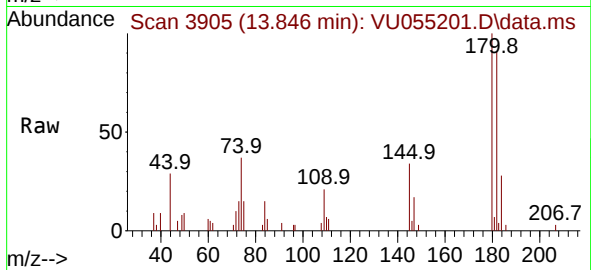
Tgt Ion: 146 Resp: 2945
Ion Ratio Lower Upper
146 100
111 55.3 28.1 52.1#
148 80.7 43.8 81.3





#70
 1,2,4-trichlorobenzene
 Concen: 0.443 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.006 min
 Lab File: VU055201.D
 Acq: 07 Sep 2023 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G8



Tgt Ion:	180	Resp:	5758
Ion Ratio	Lower	Upper	
180	100		
182	92.4	73.6	110.4
145	34.2	25.8	38.8

