

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058249.D
 Acq On : 28 Mar 2024 19:03
 Operator : MD/SY
 Sample : P1902-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC3

Quant Time: Mar 29 01:13:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

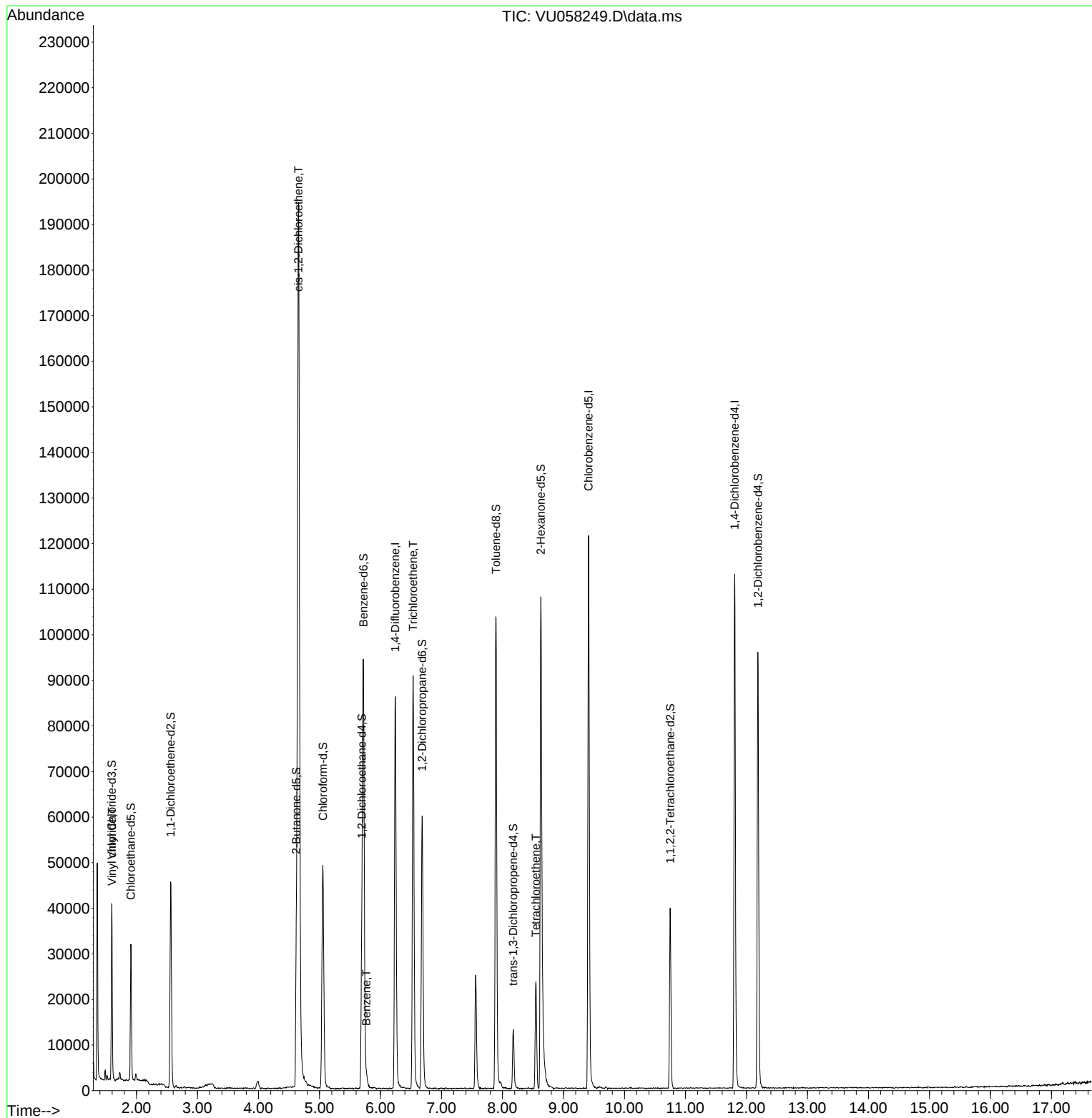
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69755	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20778	3.525	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.400%	
7) Chloroethane-d5	1.907	69	20372	4.234	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.560	65	8962	3.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	4.621	46	54505	52.046	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.100%	
24) Chloroform-d	5.055	84	46192	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.695	65	23105	4.689	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.721	84	90077	4.098	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.682	67	28886	4.459	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.894	98	72653	3.731	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	8.177	79	8367	4.031	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.600%	
46) 2-Hexanone-d5	8.627	63	39861	47.415	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.820%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19774	4.685	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	25690	4.640	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3201	0.800	ug/L	85
22) cis-1,2-Dichloroethene	4.657	96	97674	21.628	ug/L	98
33) Benzene	5.766	78	2170	0.122	ug/L	100
34) Trichloroethene	6.534	95	31156	6.728	ug/L	98
47) Tetrachloroethene	8.547	164	5189	1.673	ug/L	94

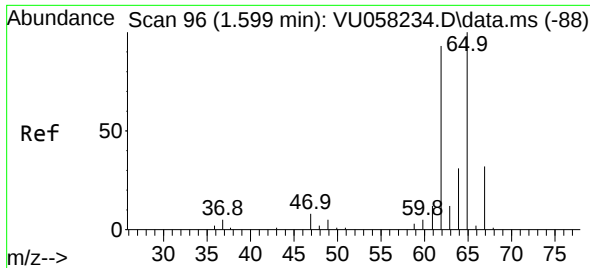
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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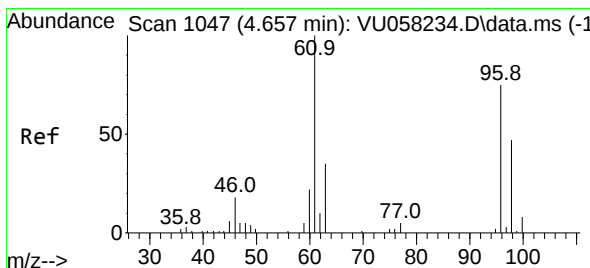
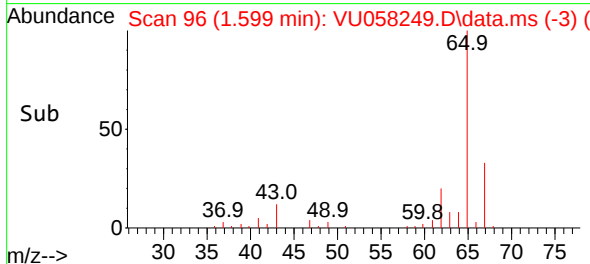
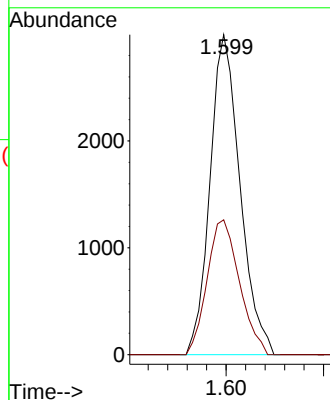
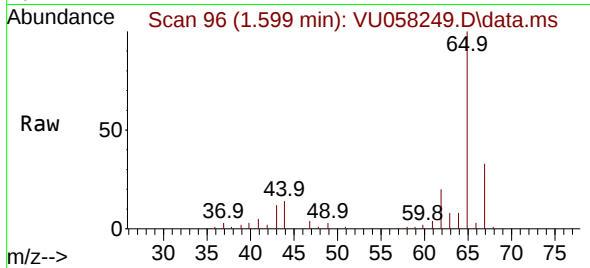




#5
 Vinyl chloride
 Concen: 0.800 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058249.D
 Acq: 28 Mar 2024 19:03

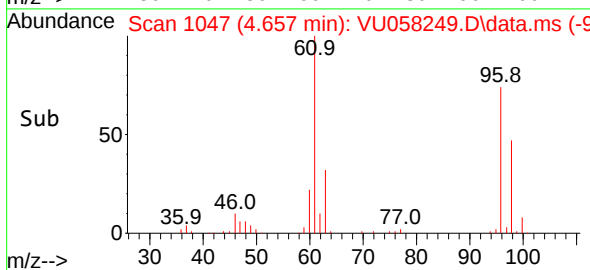
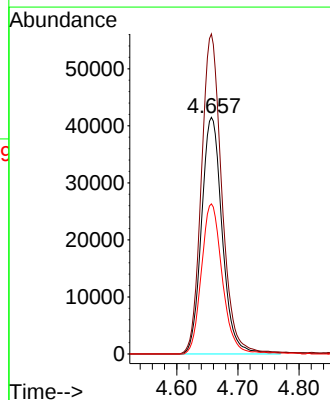
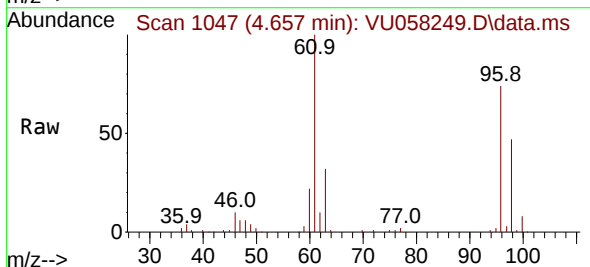
Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC3

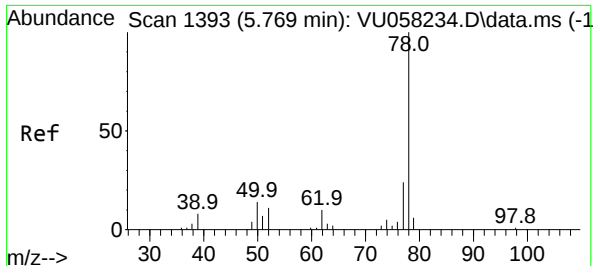
Tgt Ion: 62 Resp: 3201
 Ion Ratio Lower Upper
 62 100
 64 42.2 23.4 43.6



#22
 cis-1,2-Dichloroethene
 Concen: 21.628 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058249.D
 Acq: 28 Mar 2024 19:03

Tgt Ion: 96 Resp: 97674
 Ion Ratio Lower Upper
 96 100
 61 135.2 92.8 172.4
 98 63.5 43.2 80.2

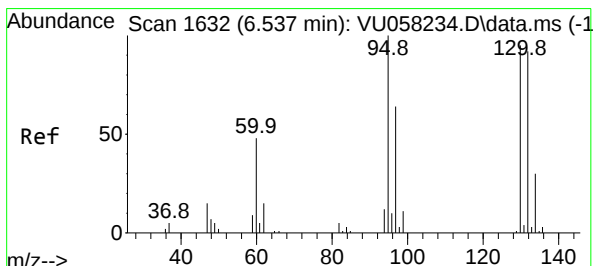
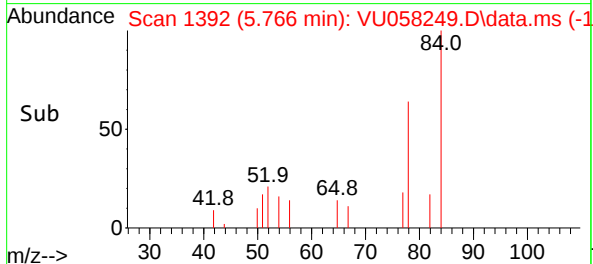
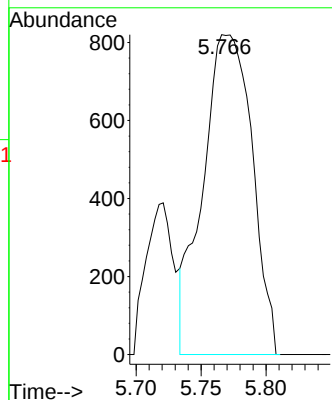
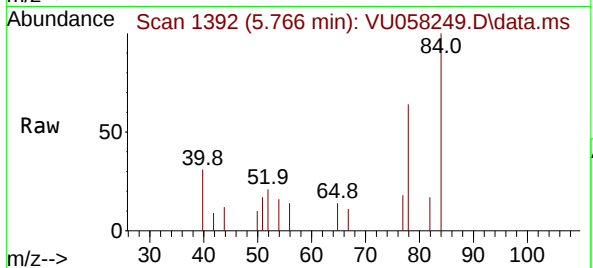




#33
Benzene
Concen: 0.122 ug/L
RT: 5.766 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU058249.D
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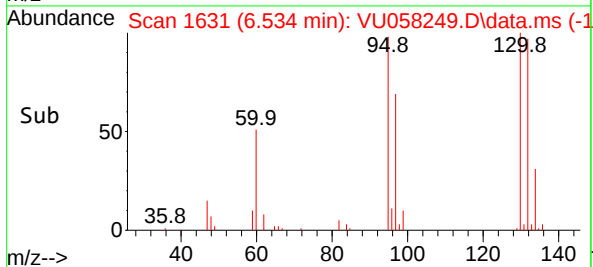
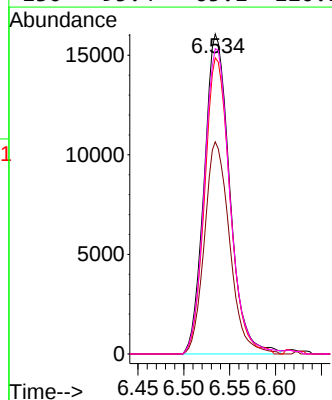
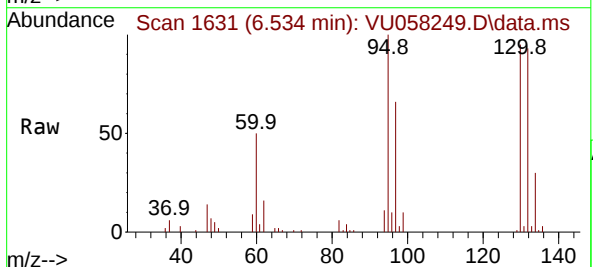
Tgt Ion: 78 Resp: 2170

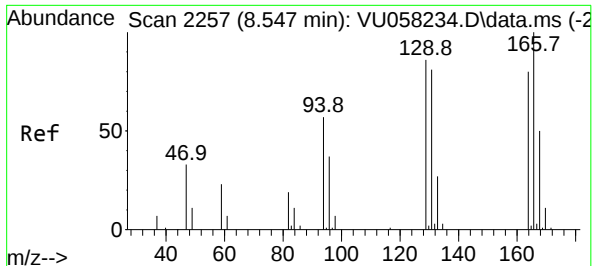


#34
Trichloroethene
Concen: 6.728 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058249.D
Acq: 28 Mar 2024 19:03

Tgt Ion: 95 Resp: 31156

Ion	Ratio	Lower	Upper
95	100		
97	66.3	47.7	88.7
132	92.6	63.6	118.2
130	95.4	65.1	120.9





#47

Tetrachloroethene

Concen: 1.673 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058249.D

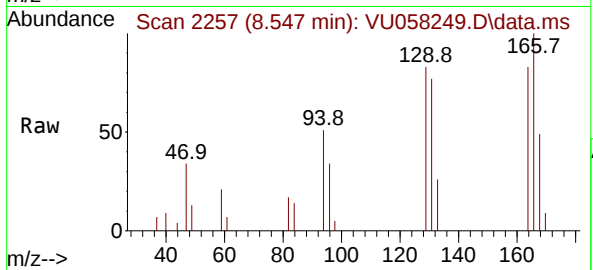
Acq: 28 Mar 2024 19:03

Instrument :

MSVOA_U

ClientSampleId :

DCOC3



Tgt Ion:164 Resp: 5189

Ion Ratio Lower Upper

164 100

129 100.3 71.3 132.3

131 92.8 70.8 131.4

166 120.6 90.9 168.9

