

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057103.D
 Acq On : 20 Dec 2023 19:41
 Operator : MD/SY
 Sample : 05949-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGR41

Quant Time: Dec 20 23:48:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 23:41:59 2023
 Response via : Initial Calibration

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

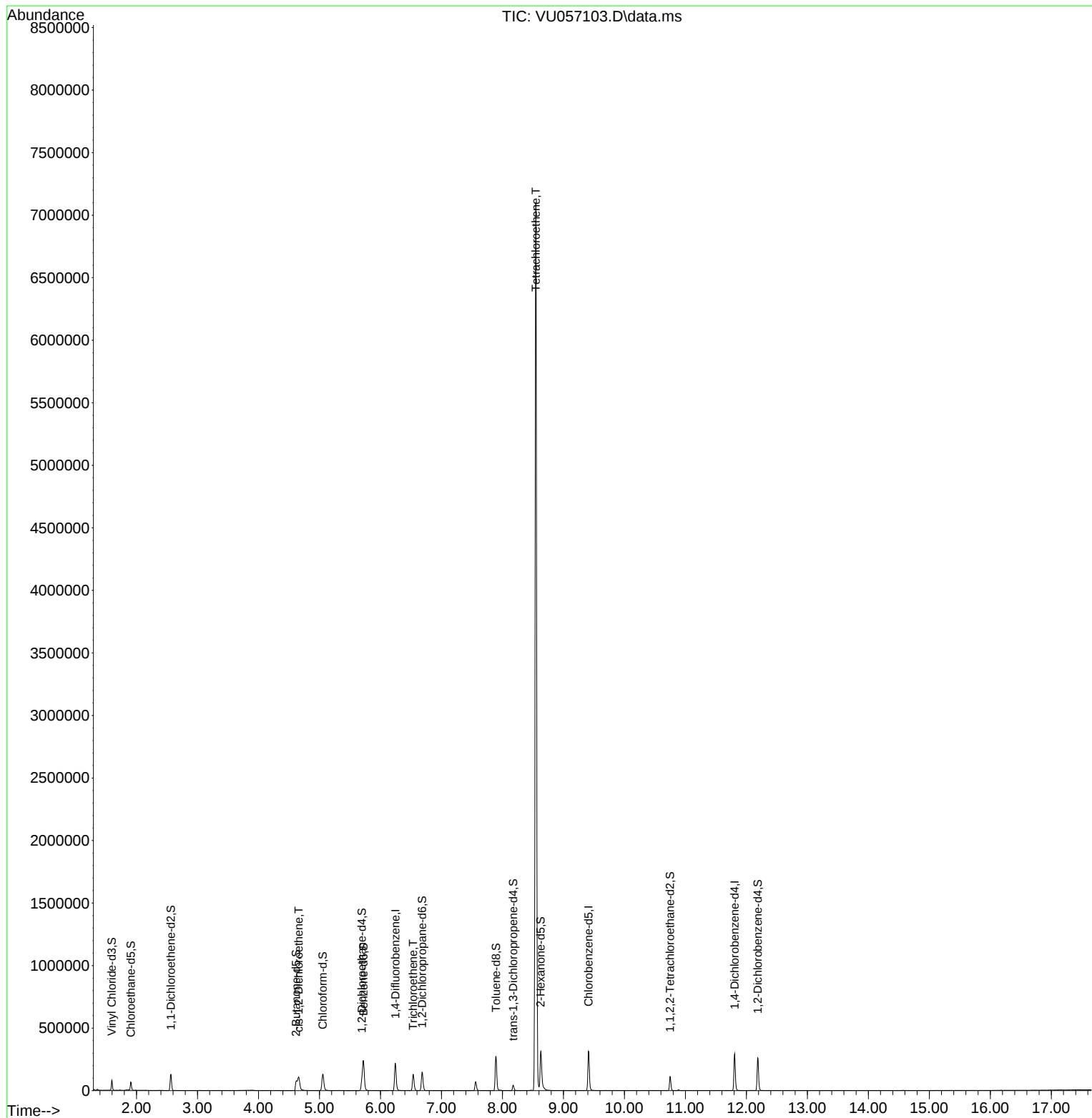
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173313	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	180828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54733	3.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.907	69	47186	4.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.563	65	24842	3.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.618	46	118287	40.319	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.640%
24) Chloroform-d	5.055	84	126811	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	64637	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	223357	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.682	67	68684	3.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.894	98	189458	3.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	27296	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	105502	41.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53442	4.207	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	71505	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	51252	3.302	ug/L	97
34) Trichloroethene	6.537	95	46244	2.653	ug/L	97
47) Tetrachloroethene	8.547	164	1499838	122.936	ug/L	98

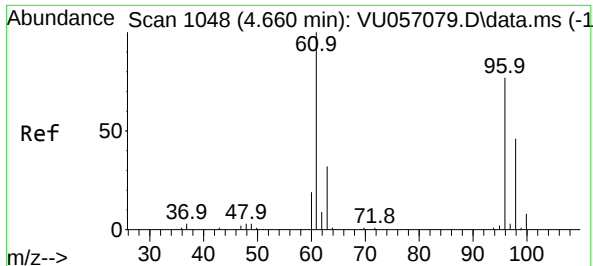
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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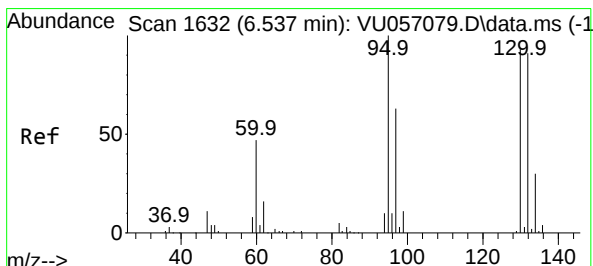
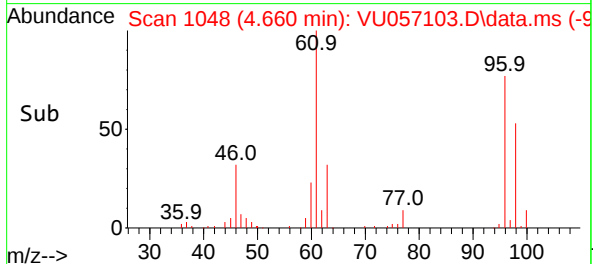
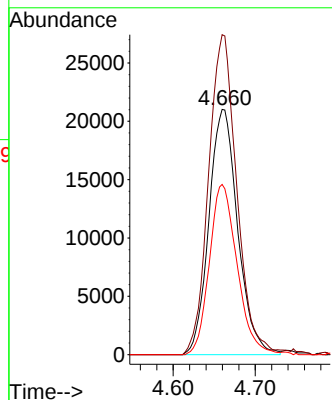
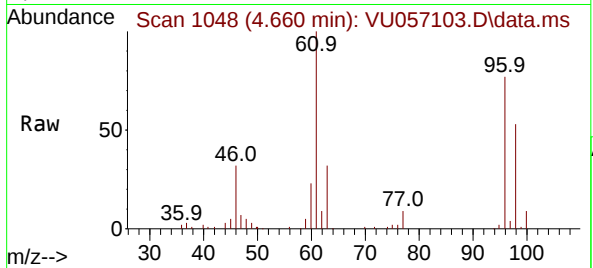




#22
 cis-1,2-Dichloroethene
 Concen: 3.302 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU057103.D
 Acq: 20 Dec 2023 19:41

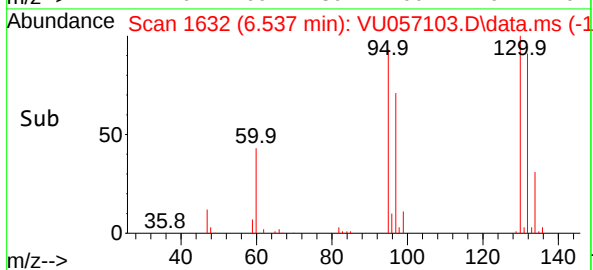
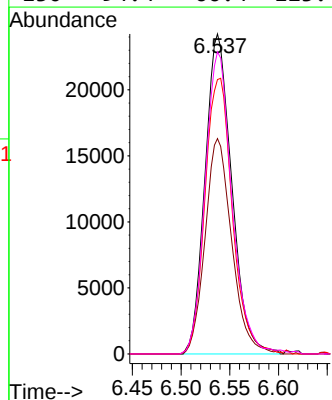
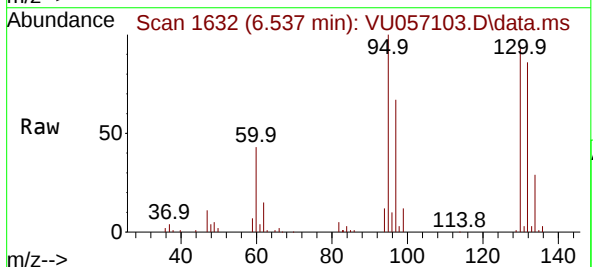
Instrument :
 MSVOA_U
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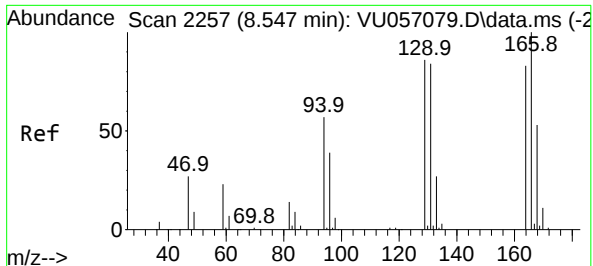
Tgt Ion: 96 Resp: 51252
 Ion Ratio Lower Upper
 96 100
 61 130.5 91.3 169.6
 98 69.4 44.2 82.0



#34
 Trichloroethene
 Concen: 2.653 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU057103.D
 Acq: 20 Dec 2023 19:41

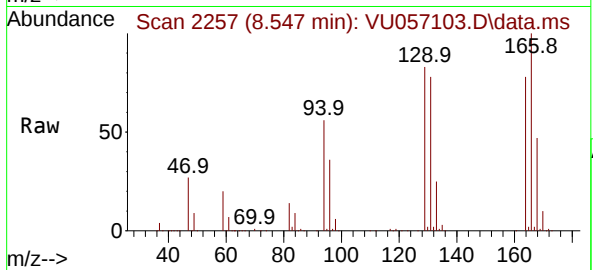
Tgt Ion: 95 Resp: 46244
 Ion Ratio Lower Upper
 95 100
 97 67.3 46.1 85.5
 132 85.7 63.6 118.0
 130 94.4 66.4 123.4





#47
 Tetrachloroethene
 Concen: 122.936 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU057103.D
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Tgt Ion:164 Resp: 1499838

Ion	Ratio	Lower	Upper
164	100		
129	106.0	73.4	136.4
131	100.2	71.5	132.9
166	128.1	92.7	172.1

