

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057026.D
 Acq On : 19 Dec 2023 05:20
 Operator : MD/SY
 Sample : 05843-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C69

Quant Time: Dec 19 06:11:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

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

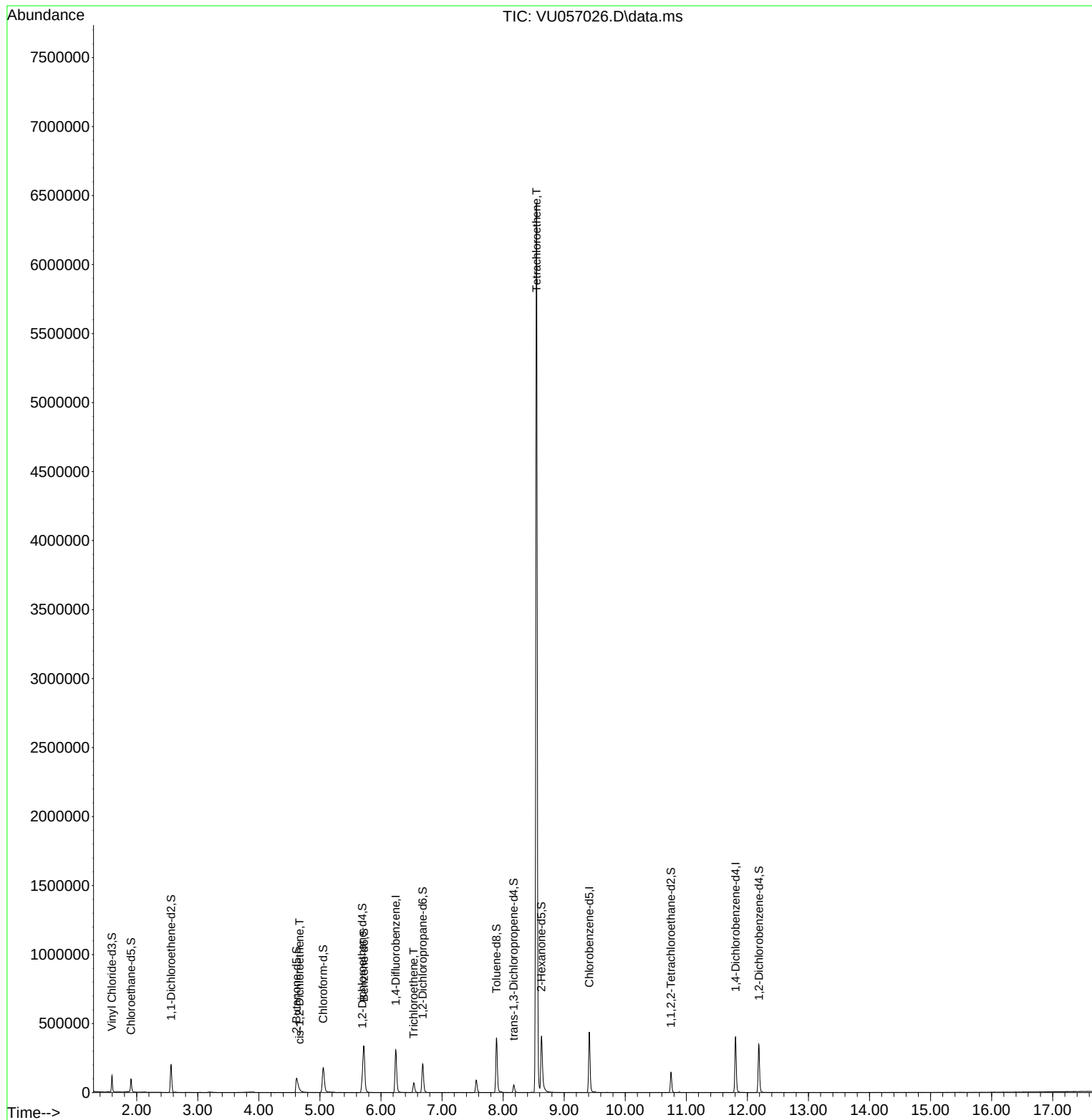
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	254395	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84846	3.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	67935	4.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.563	65	38733	4.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.618	46	169966	39.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.940%
24) Chloroform-d	5.055	84	173446	4.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.695	65	77794	3.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	5.721	84	325912	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.685	67	103174	4.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.200%
41) Toluene-d8	7.891	98	270553	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.174	79	33630	3.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.627	63	140692	39.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	73156	4.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	93954	4.444	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	4275	0.188	ug/L	98
34) Trichloroethene	6.537	95	27049	1.125	ug/L	97
47) Tetrachloroethene	8.547	164	1371154	81.478	ug/L	98

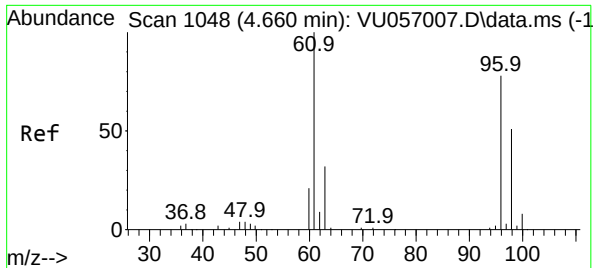
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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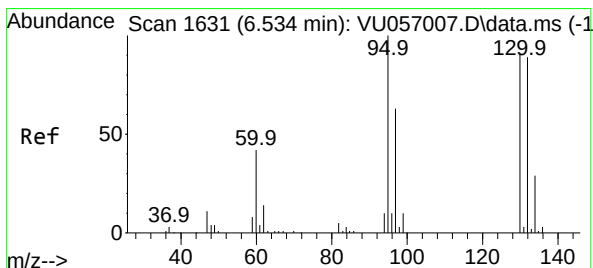
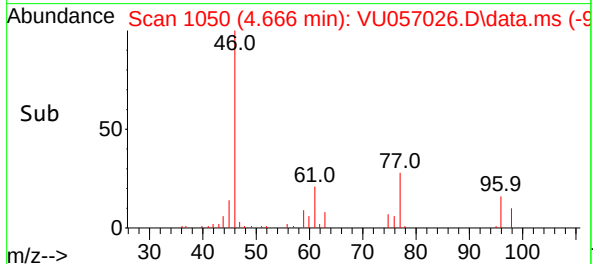
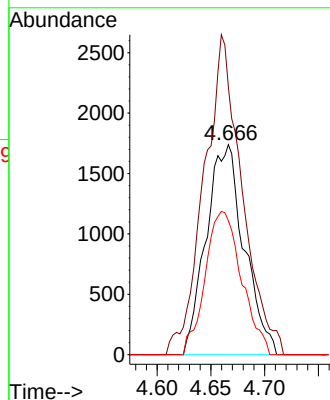
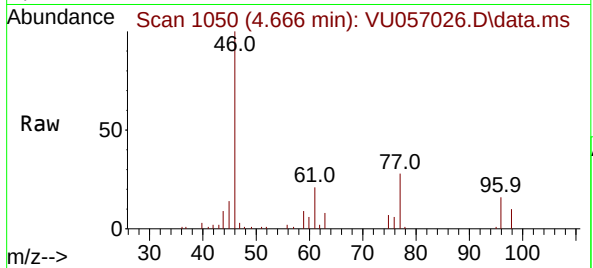




#22
 cis-1,2-Dichloroethene
 Concen: 0.188 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.006 min
 Lab File: VU057026.D
 Acq: 19 Dec 2023 05:20

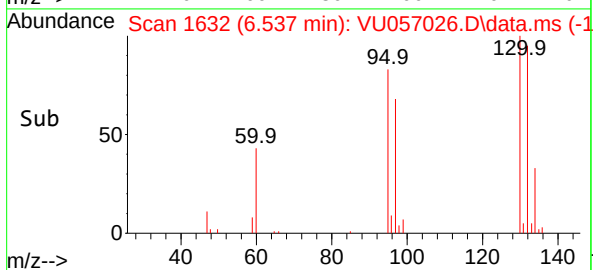
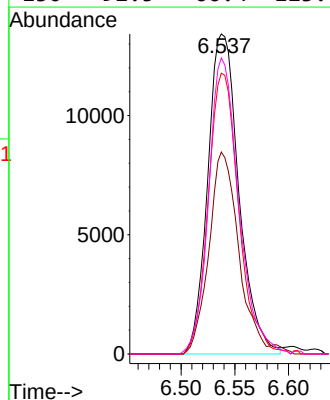
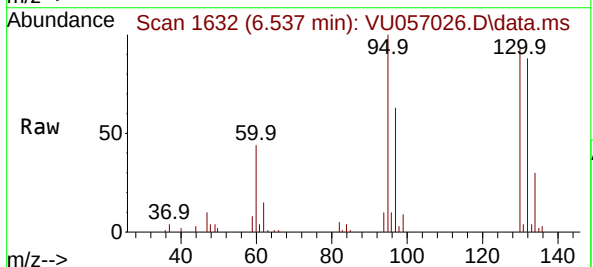
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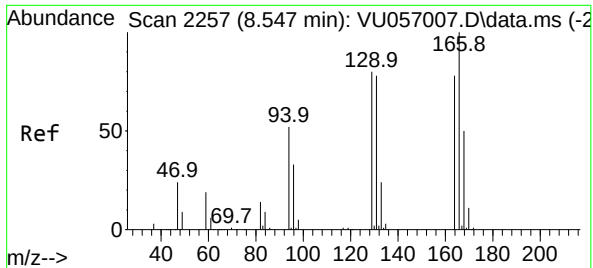
Tgt Ion: 96 Resp: 4275
 Ion Ratio Lower Upper
 96 100
 61 127.5 91.3 169.6
 98 63.8 44.2 82.0



#34
 Trichloroethene
 Concen: 1.125 ug/L
 RT: 6.537 min Scan# 1632
 Delta R.T. 0.003 min
 Lab File: VU057026.D
 Acq: 19 Dec 2023 05:20

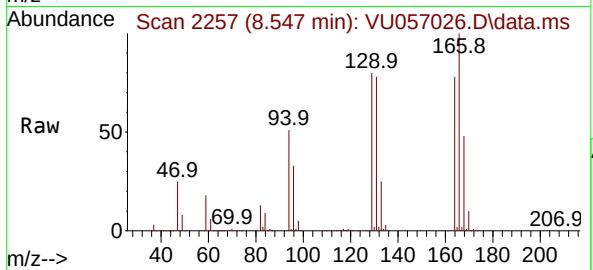
Tgt Ion: 95 Resp: 27049
 Ion Ratio Lower Upper
 95 100
 97 63.1 46.1 85.5
 132 87.8 63.6 118.0
 130 92.5 66.4 123.4





#47
 Tetrachloroethene
 Concen: 81.478 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
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Tgt Ion:164 Resp: 1371154

Ion	Ratio	Lower	Upper
164	100		
129	103.5	73.4	136.4
131	99.9	71.5	132.9
166	128.8	92.7	172.1

