

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056567.D
 Acq On : 21 Nov 2023 22:24
 Operator : MD/SY
 Sample : 05441-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK6

Quant Time: Nov 22 01:00:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

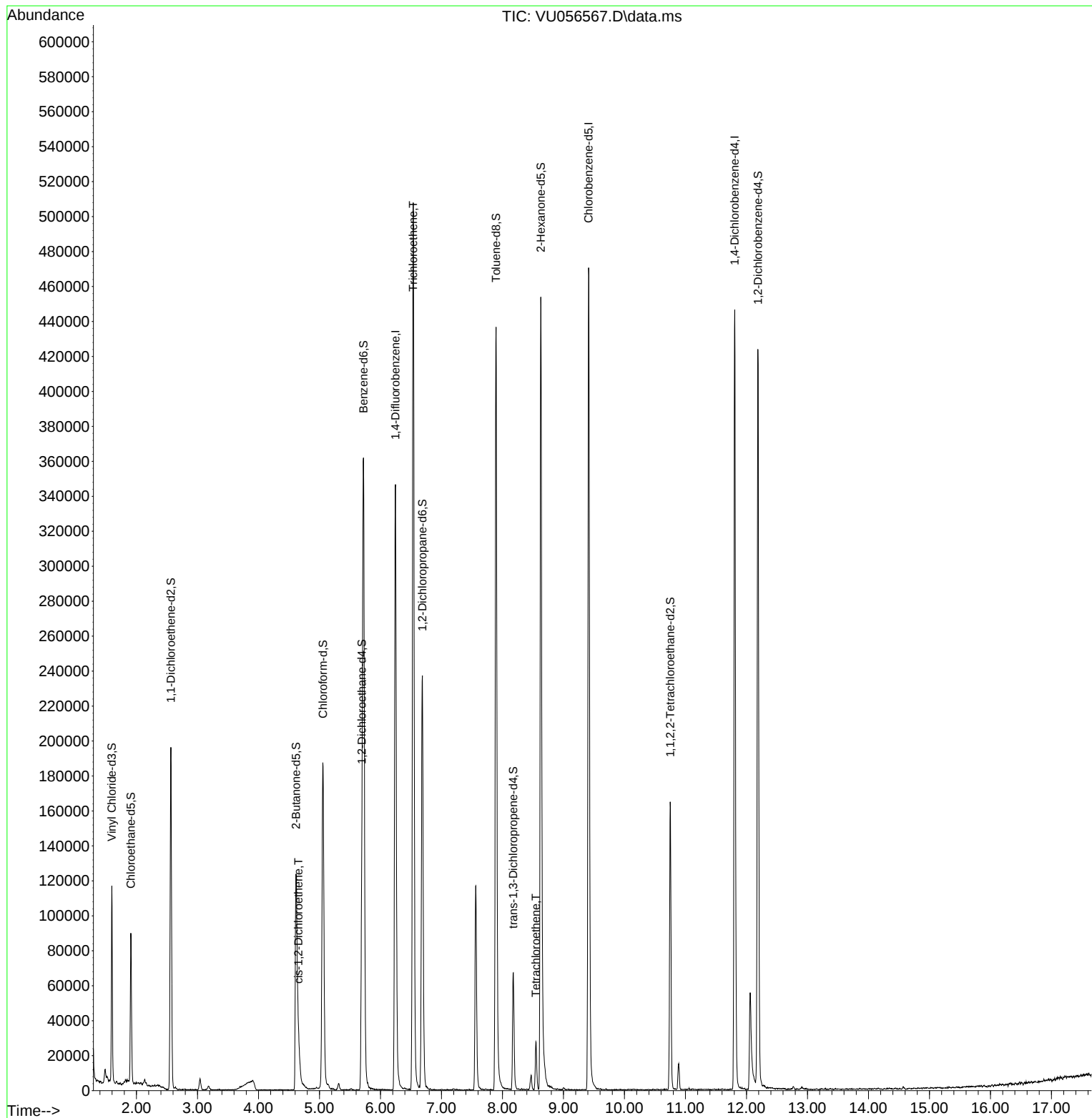
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	283408	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119872	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76498	3.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.908	69	66258	3.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.563	65	37817	3.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.615	46	189781	43.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.820%
24) Chloroform-d	5.055	84	181902	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.695	65	92929	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	352462	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.685	67	117455	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.894	98	310972	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.177	79	42885	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.628	63	157898	41.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81705	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	110496	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.657	96	5764	0.278	ug/L	83
34) Trichloroethene	6.534	95	181935	8.257	ug/L	98
47) Tetrachloroethene	8.547	164	5679	0.382	ug/L	95

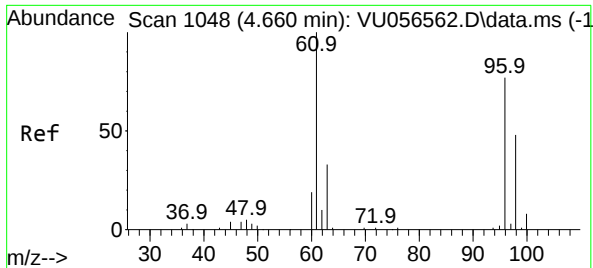
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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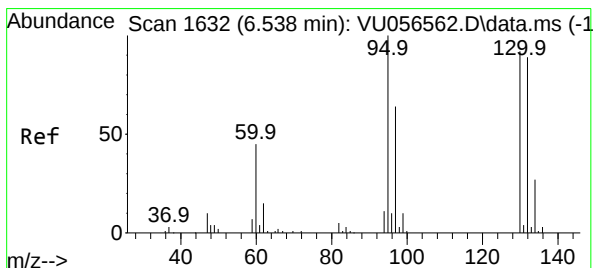
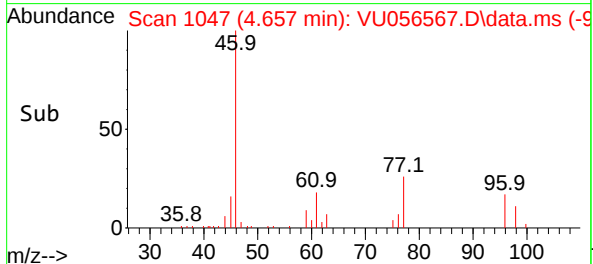
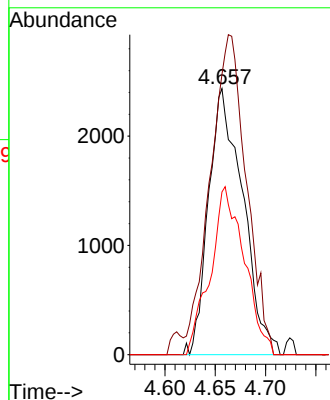
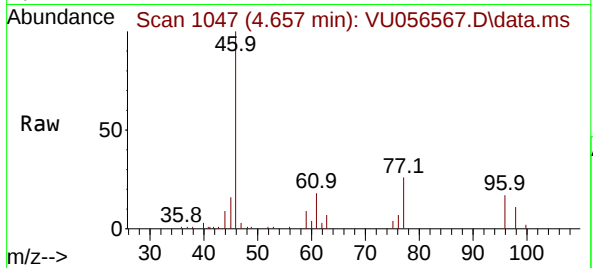




#22
 cis-1,2-Dichloroethene
 Concen: 0.278 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU056567.D
 Acq: 21 Nov 2023 22:24

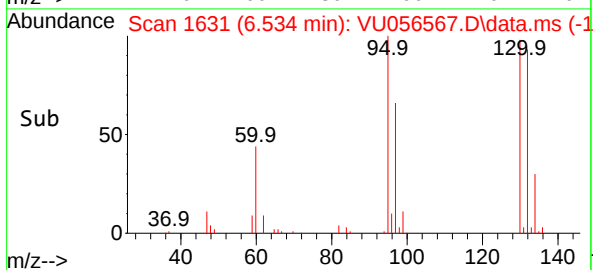
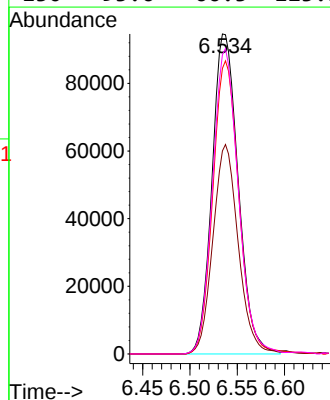
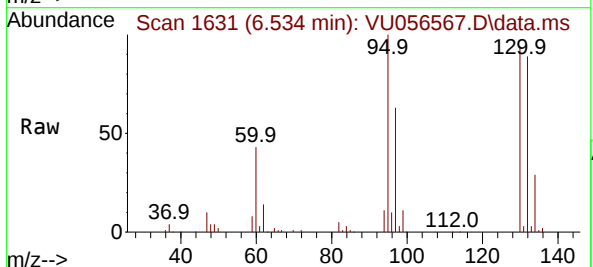
Instrument :
 MSVOA_U
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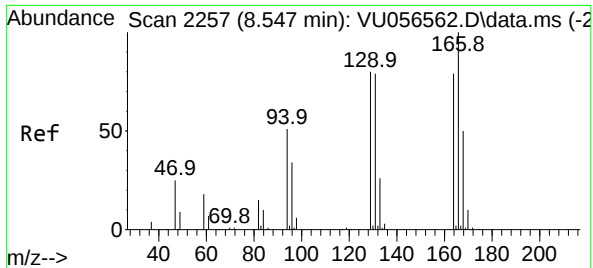
Tgt Ion: 96 Resp: 5764
 Ion Ratio Lower Upper
 96 100
 61 105.3 93.2 173.2
 98 61.1 44.8 83.2



#34
 Trichloroethene
 Concen: 8.257 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU056567.D
 Acq: 21 Nov 2023 22:24

Tgt Ion: 95 Resp: 181935
 Ion Ratio Lower Upper
 95 100
 97 63.5 46.5 86.3
 132 89.2 62.0 115.2
 130 93.6 66.3 123.1





#47

Tetrachloroethene

Concen: 0.382 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU056567.D

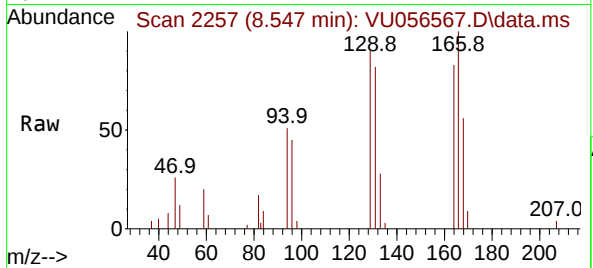
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Tgt Ion:164 Resp: 5679

Ion Ratio Lower Upper

164 100

129 108.5 71.0 131.9

131 99.1 70.3 130.7

166 120.3 89.8 166.8

