

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052561.D
 Acq On : 27 Dec 2022 13:54
 Operator : JC/MD
 Sample : N6171-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD0

Quant Time: Dec 28 01:20:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

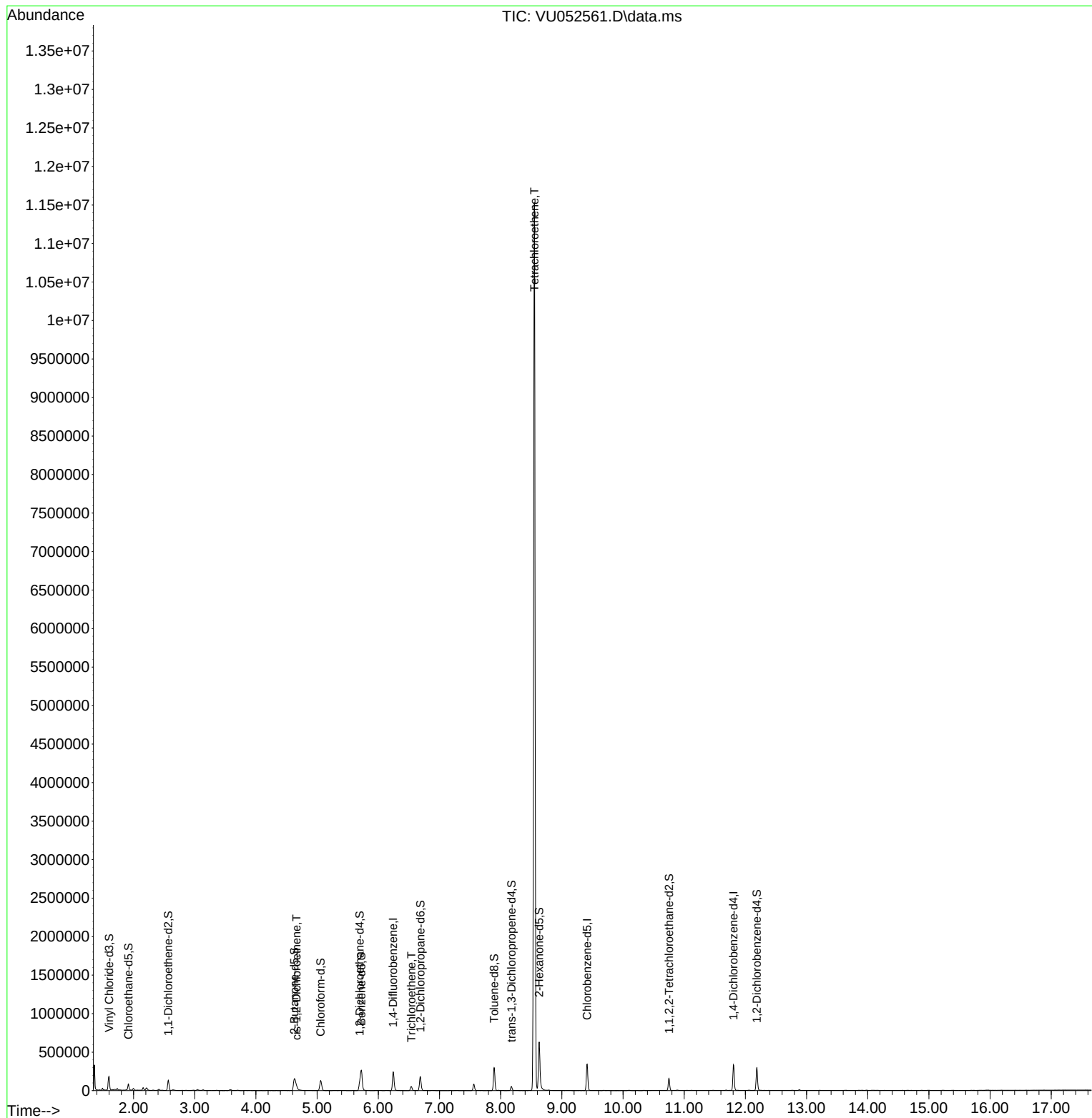
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	186475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	180379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	84218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55292	2.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.916	69	55863	3.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.568	65	25888	3.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	4.629	46	286811	48.957	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.920%
24) Chloroform-d	5.057	84	121241	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
26) 1,2-Dichloroethane-d4	5.697	65	74743	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
32) Benzene-d6	5.723	84	243725	3.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.687	67	88267	4.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.893	98	193325	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.176	79	30245	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.629	63	216165	54.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.400%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	79535	4.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	73596	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.661	96	10176	0.644	ug/L	97
34) Trichloroethene	6.539	95	18759	1.235	ug/L	93
47) Tetrachloroethene	8.552	164	2408690	227.188	ug/L	98

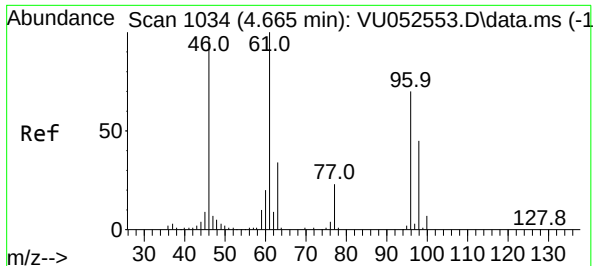
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.644 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

GBQD0

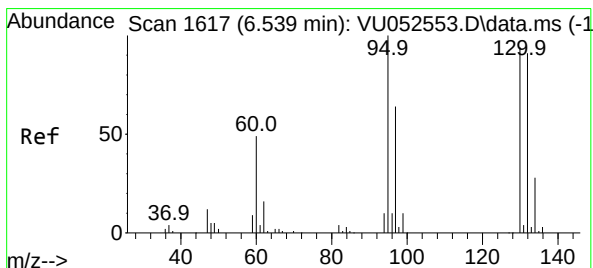
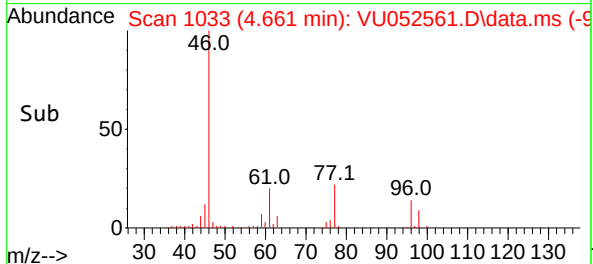
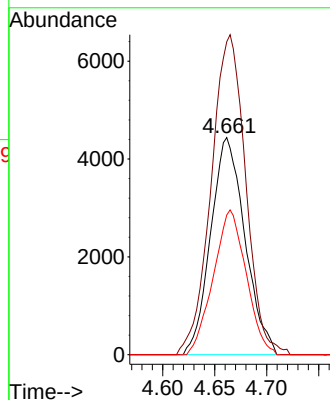
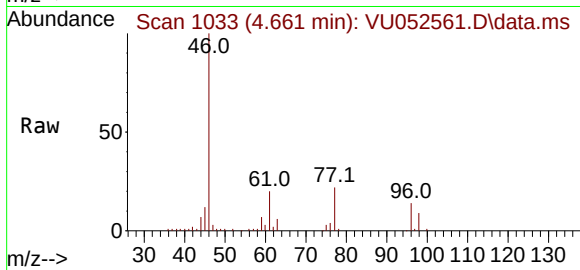
Tgt Ion: 96 Resp: 10176

Ion Ratio Lower Upper

96 100

61 144.2 96.9 180.1

98 64.4 44.7 83.1



#34

Trichloroethene

Concen: 1.235 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

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Tgt Ion: 95 Resp: 18759

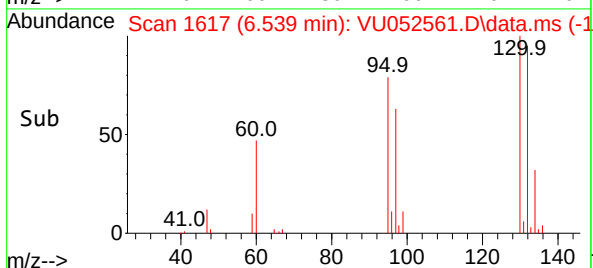
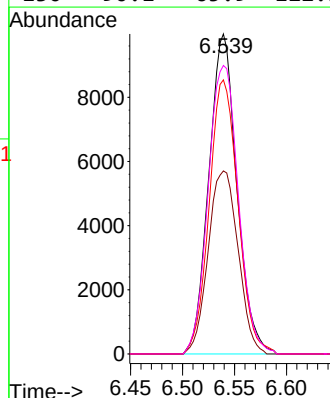
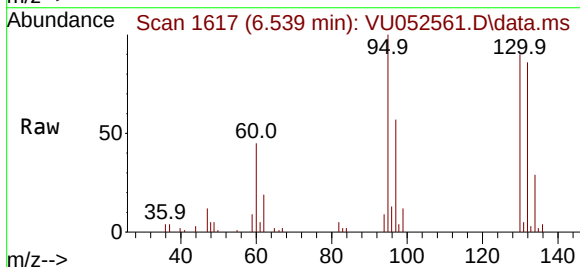
Ion Ratio Lower Upper

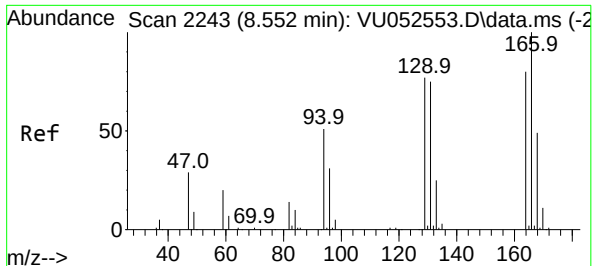
95 100

97 57.2 46.3 86.1

132 85.7 63.9 118.7

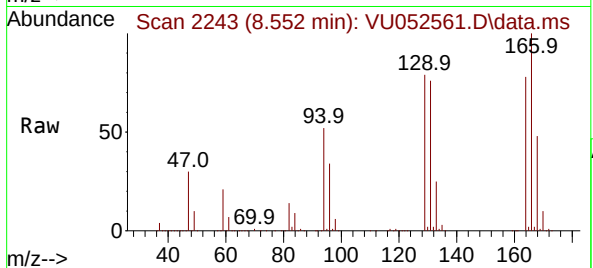
130 90.1 65.9 122.5





#47
Tetrachloroethene
Concen: 227.188 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
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Tgt Ion:164 Resp: 2408690

Ion	Ratio	Lower	Upper
164	100		
129	100.8	68.1	126.5
131	97.0	66.5	123.5
166	127.5	87.9	163.3

