

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042023\
 Data File : VU053816.D
 Acq On : 20 Apr 2023 19:11
 Operator : JC/MD
 Sample : 02392-12 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE32

Quant Time: Apr 21 04:21:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

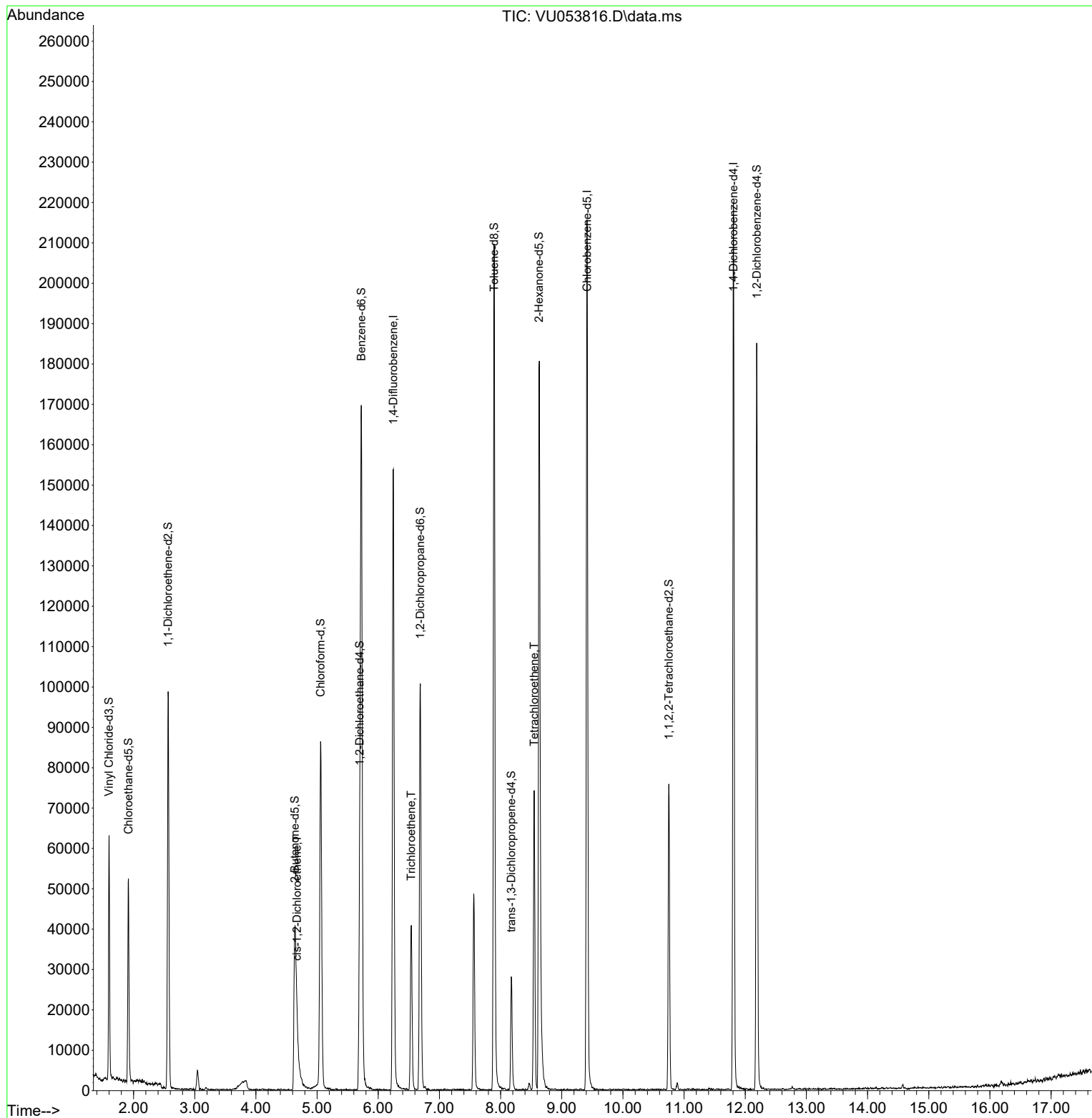
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	134336	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	60943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45282	4.900	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.916	69	37426	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.565	65	18640	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.636	46	83037	39.222	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.440%
24) Chloroform-d	5.057	84	81304	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.697	65	38811	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.723	84	168543	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.687	67	50977	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.893	98	149784	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.176	79	17331	4.061	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.629	63	67942	39.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	37957	4.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	52380	4.777	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.671	96	1606	0.151	ug/L	89
34) Trichloroethene	6.539	95	14750	1.605	ug/L	98
47) Tetrachloroethene	8.549	164	15746	2.332	ug/L	95

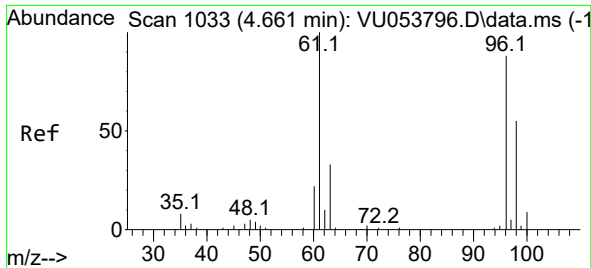
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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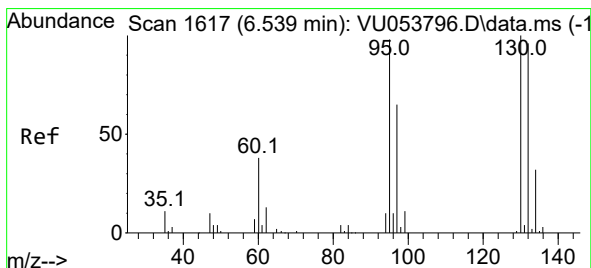
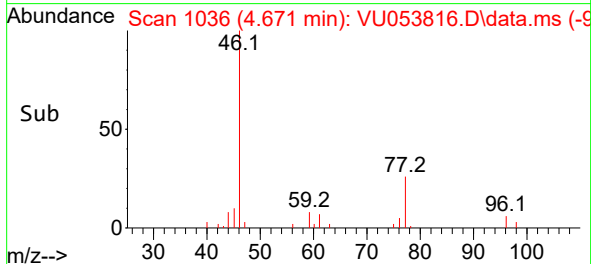
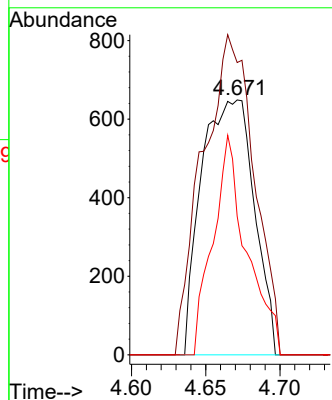
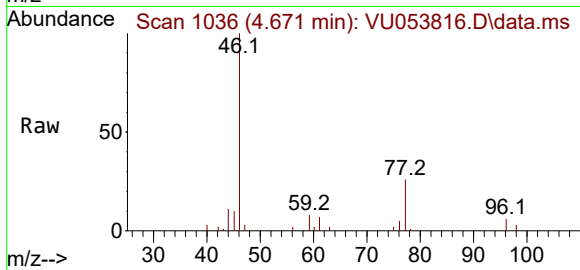




#22
 cis-1,2-Dichloroethene
 Concen: 0.151 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.010 min
 Lab File: VU053816.D
 Acq: 20 Apr 2023 19:11

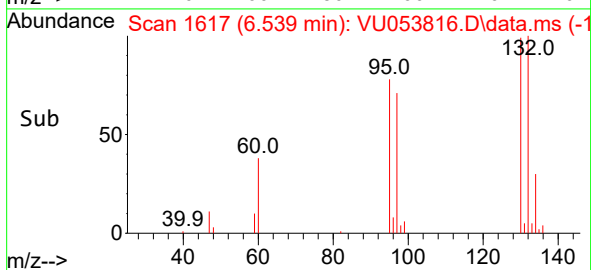
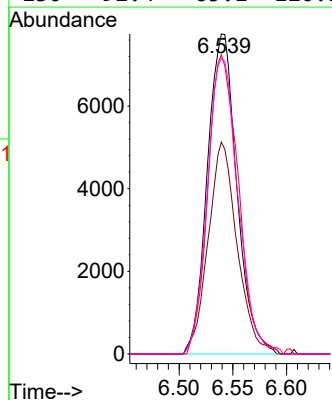
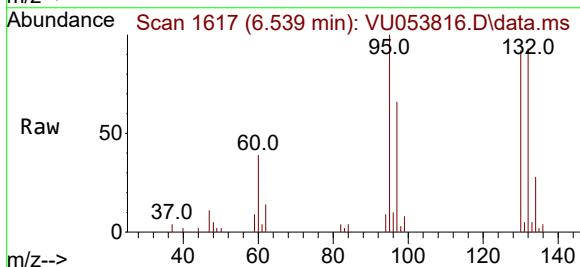
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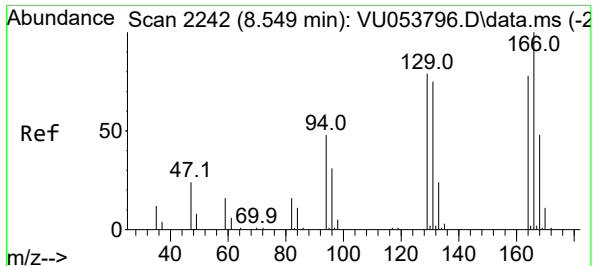
Tgt Ion: 96 Resp: 1606
 Ion Ratio Lower Upper
 96 100
 61 114.6 86.6 160.8
 98 54.4 47.7 88.5



#34
 Trichloroethene
 Concen: 1.605 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU053816.D
 Acq: 20 Apr 2023 19:11

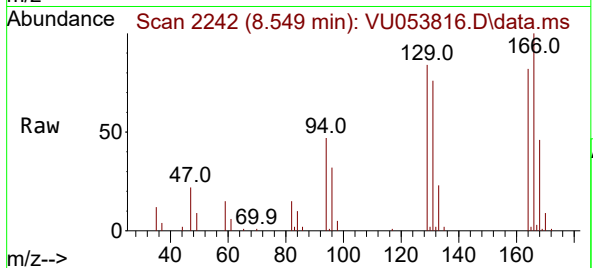
Tgt Ion: 95 Resp: 14750
 Ion Ratio Lower Upper
 95 100
 97 66.2 45.3 84.1
 132 93.5 62.8 116.6
 130 92.4 65.1 120.9





#47
 Tetrachloroethene
 Concen: 2.332 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. 0.000 min
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Tgt Ion:	164	Resp:	15746
Ion	Ratio	Lower	Upper
164	100		
129	101.4	74.8	138.8
131	91.7	70.1	130.1
166	121.2	87.3	162.1

