

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050990.D
 Acq On : 29 Sep 2022 19:40
 Operator : JC/MD
 Sample : N4869-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J05

Quant Time: Sep 30 01:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

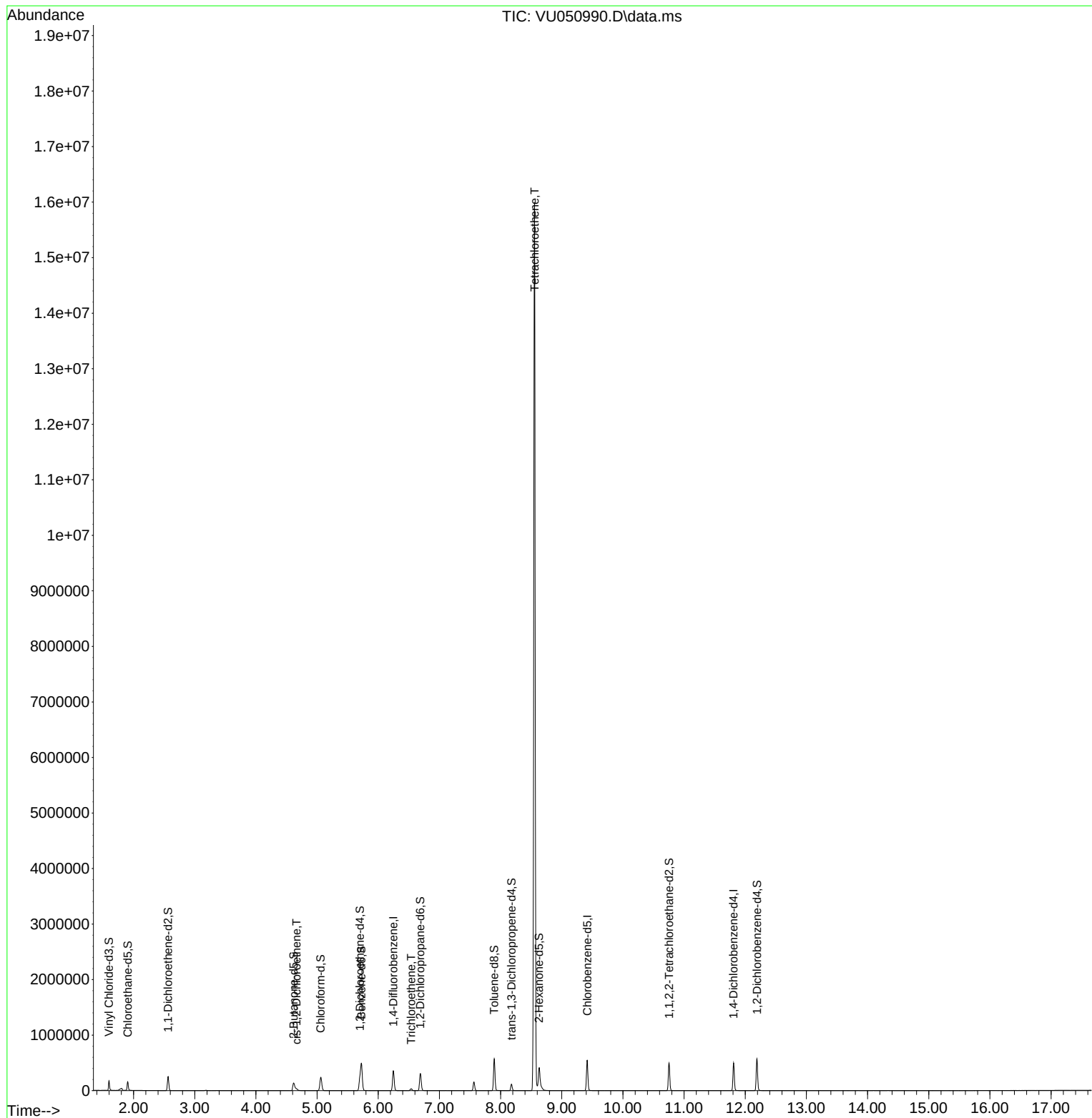
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	289293	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	305891	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132454	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	127065	43.340	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.680%		
7) Chloroethane-d5	1.903	69	115995	42.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.180%		
11) 1,1-Dichloroethene-d2	2.565	63	146178	33.753	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.500%		
21) 2-Butanone-d5	4.616	46	188230	98.988	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.990%		
24) Chloroform-d	5.060	84	224154	47.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.900%		
26) 1,2-Dichloroethane-d4	5.700	65	147437	50.428	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.860%		
32) Benzene-d6	5.726	84	448501	50.069	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.140%		
36) 1,2-Dichloropropane-d6	6.687	67	150003	51.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.220%		
41) Toluene-d8	7.896	98	379386	45.841	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.680%		
43) trans-1,3-Dichloroprop...	8.179	79	63861	46.063	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.120%		
47) 2-Hexanone-d5	8.629	63	122720	104.561	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.560%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	249250	49.065	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.140%		
66) 1,2-Dichlorobenzene-d4	12.192	152	150627	53.233	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.460%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.665	96	12452	5.081	ug/L	100
34) Trichloroethene	6.539	95	9590	3.970	ug/L	92
46) Tetrachloroethene	8.555	164	3339804	1824.542	ug/L	98

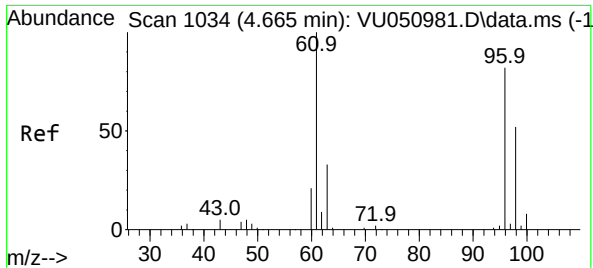
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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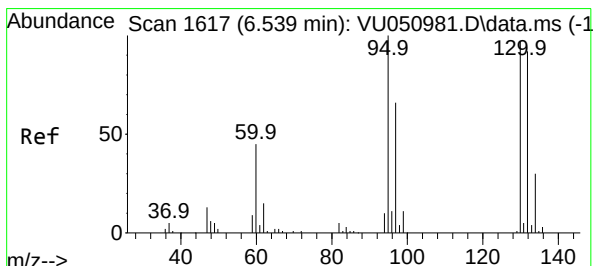
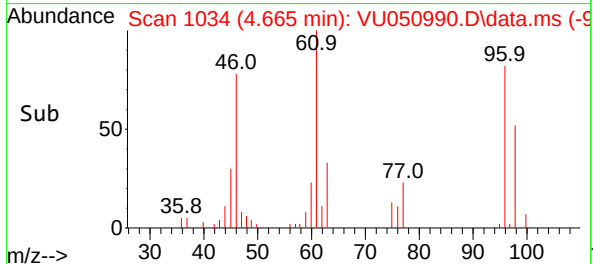
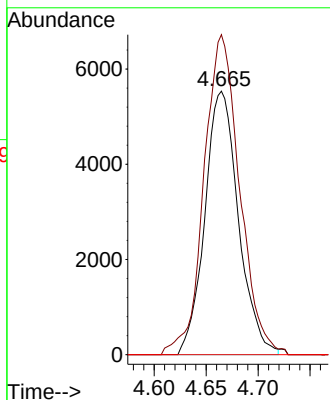
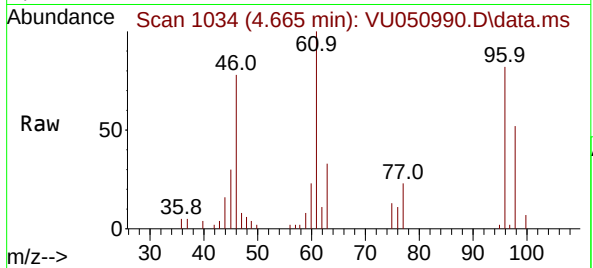




#20
cis-1,2-Dichloroethene
Concen: 5.081 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU050990.D
Acq: 29 Sep 2022 19:40

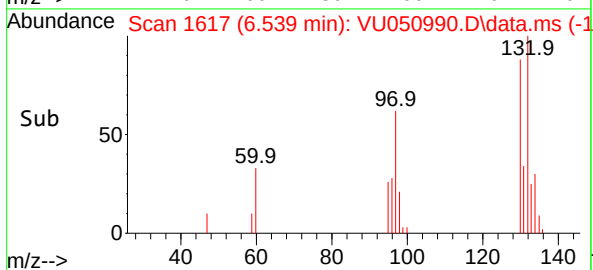
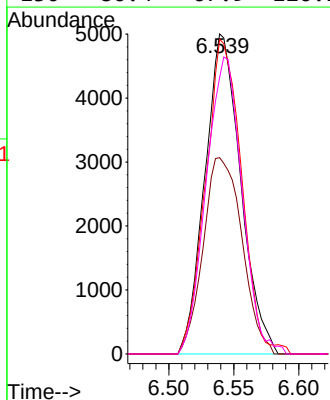
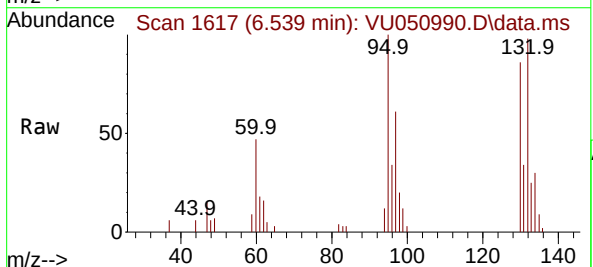
Instrument :
MSVOA_U
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F5J05

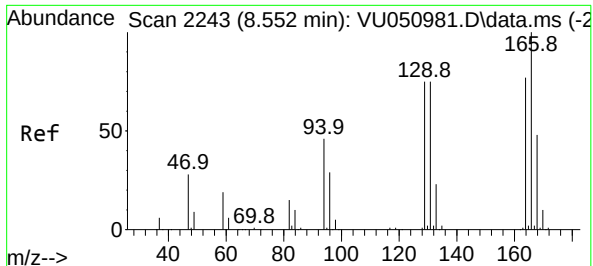
Tgt Ion: 96 Resp: 12452
Ion Ratio Lower Upper
96 100
61 121.4 85.4 158.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 3.970 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU050990.D
Acq: 29 Sep 2022 19:40

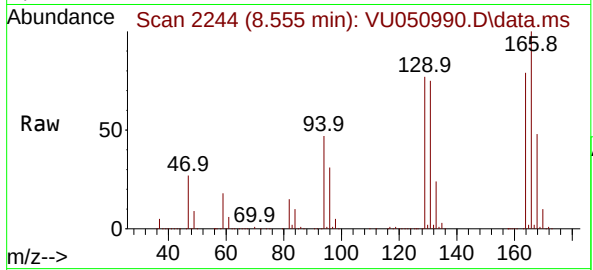
Tgt Ion: 95 Resp: 9590
Ion Ratio Lower Upper
95 100
97 61.4 45.9 85.3
132 98.3 64.0 119.0
130 86.4 67.9 126.1





#46
 Tetrachloroethene
 Concen: 1824.542 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU050990.D
 Acq: 29 Sep 2022 19:40

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Tgt Ion:164 Resp: 3339804

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.1	126.5
131	95.0	67.8	126.0
166	127.4	90.5	168.1

