

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050998.D
 Acq On : 29 Sep 2022 22:47
 Operator : JC/MD
 Sample : N4869-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J36

Quant Time: Sep 30 01:52:41 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)

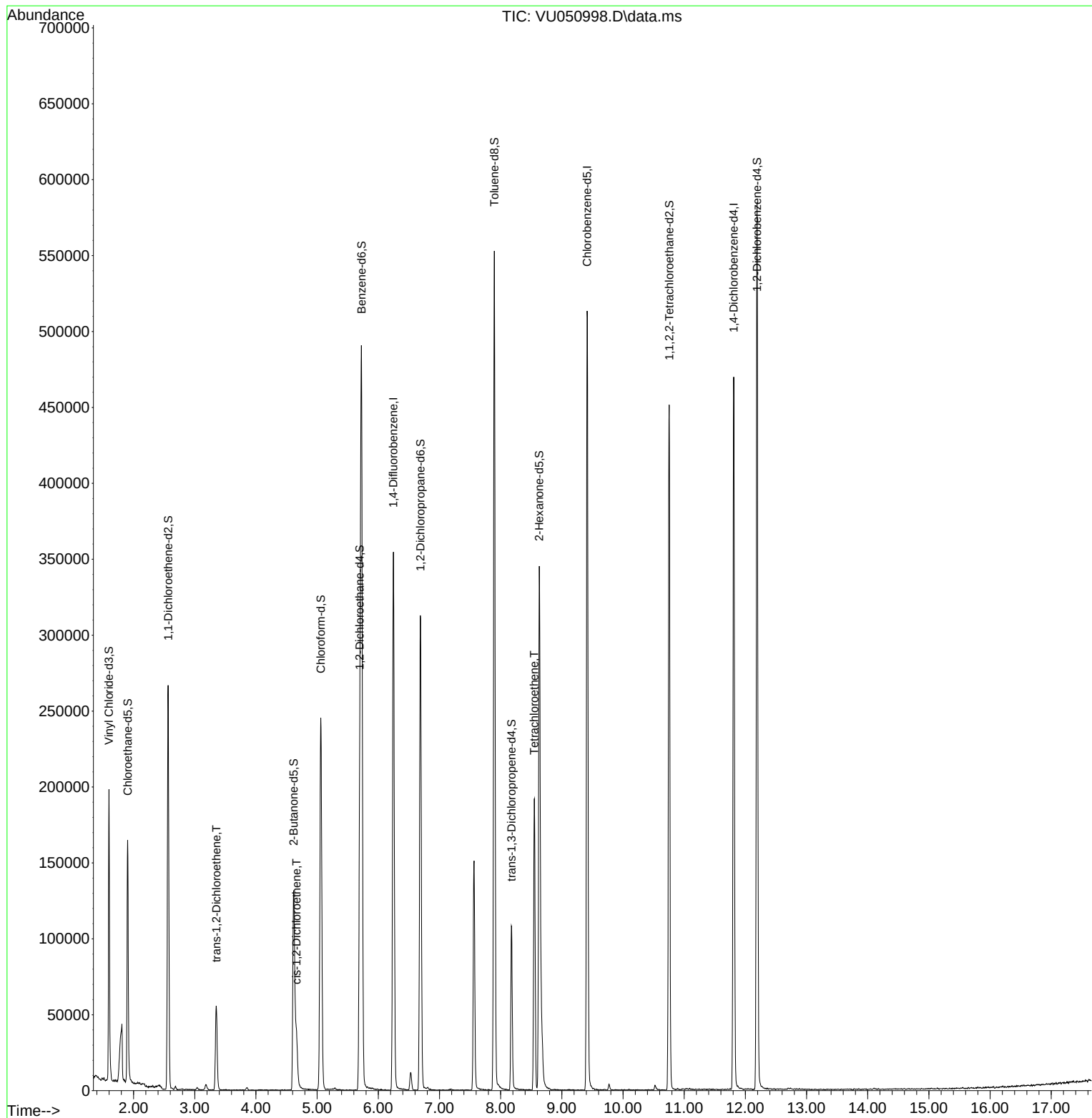
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	284719	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	287496	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124189	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	138369	47.954	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	95.900%	
7) Chloroethane-d5	1.903	69	120195	44.842	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.680%	
11) 1,1-Dichloroethene-d2	2.565	63	153855	36.097	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	72.200%	
21) 2-Butanone-d5	4.617	46	183668	98.140	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.140%	
24) Chloroform-d	5.060	84	227598	48.958	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.920%	
26) 1,2-Dichloroethane-d4	5.697	65	145492	50.562	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.120%	
32) Benzene-d6	5.726	84	450688	53.532	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.060%	
36) 1,2-Dichloropropane-d6	6.687	67	149811	54.838	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.680%	
41) Toluene-d8	7.896	98	367405	47.234	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.460%	
43) trans-1,3-Dichloroprop...	8.176	79	59228	45.454	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.900%	
47) 2-Hexanone-d5	8.629	63	98563	89.352	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.350%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	227334	47.614	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	95.220%	
66) 1,2-Dichlorobenzene-d4	12.192	152	151070	56.943	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	113.880%	
Target Compounds						
17) trans-1,2-Dichloroethene	3.353	96	23318	10.795	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	13778	5.713	ug/L	96
46) Tetrachloroethene	8.549	164	42035	24.433	ug/L	98

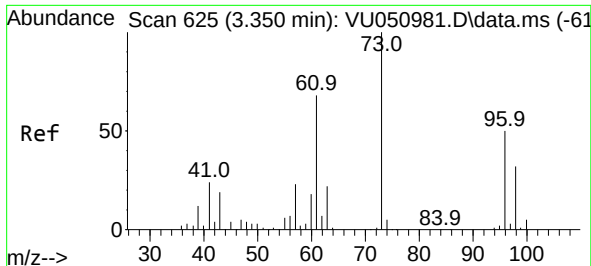
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 10.795 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU050998.D

Acq: 29 Sep 2022 22:47

Instrument :

MSVOA_U

ClientSampleId :

F5J36

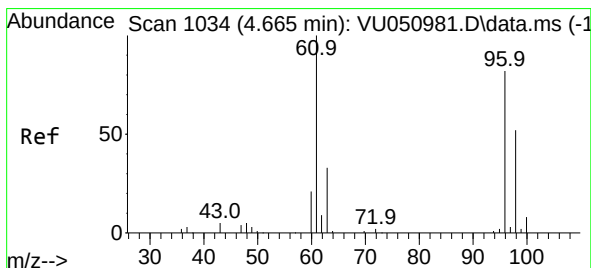
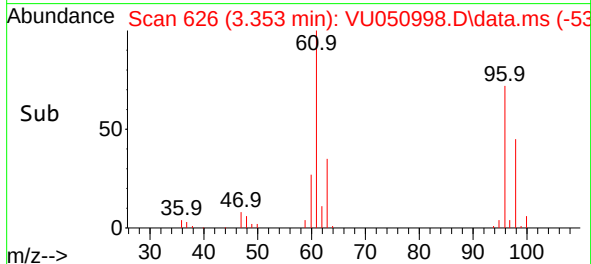
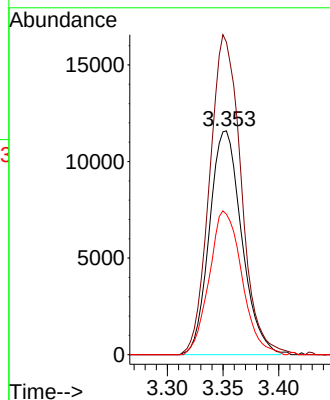
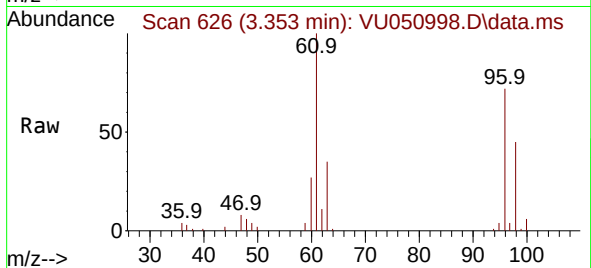
Tgt Ion: 96 Resp: 23318

Ion Ratio Lower Upper

96 100

61 139.6 95.1 176.5

98 62.8 45.1 83.7



#20

cis-1,2-Dichloroethene

Concen: 5.713 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.003 min

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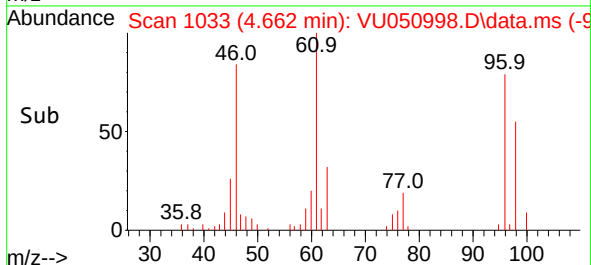
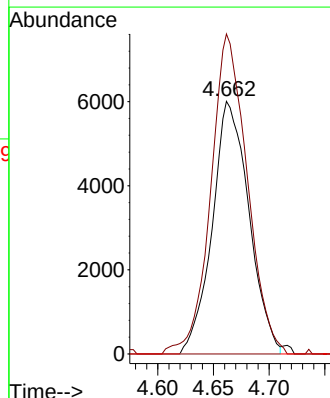
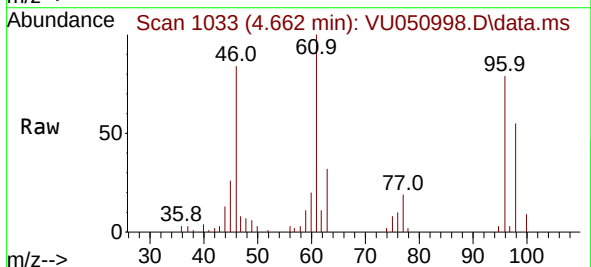
Tgt Ion: 96 Resp: 13778

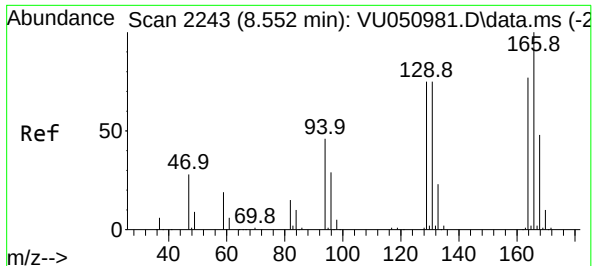
Ion Ratio Lower Upper

96 100

61 126.6 85.4 158.6

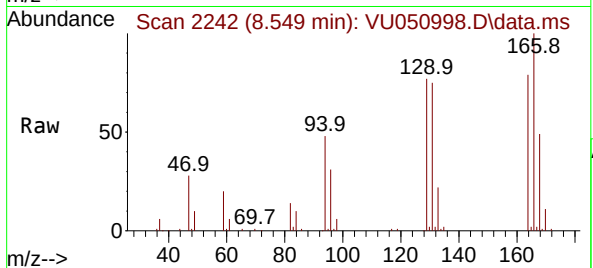
68 0.0 0.0 0.0





#46
Tetrachloroethene
Concen: 24.433 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:	164	Resp:	42035
Ion	Ratio	Lower	Upper
164	100		
129	97.5	68.1	126.5
131	94.5	67.8	126.0
166	126.2	90.5	168.1

