

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036643.D
 Acq On : 23 Jul 2024 13:59
 Operator : SY/MD
 Sample : P3328-05
 Misc : 8.30g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1ZT8

Quant Time: Jul 24 01:00:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

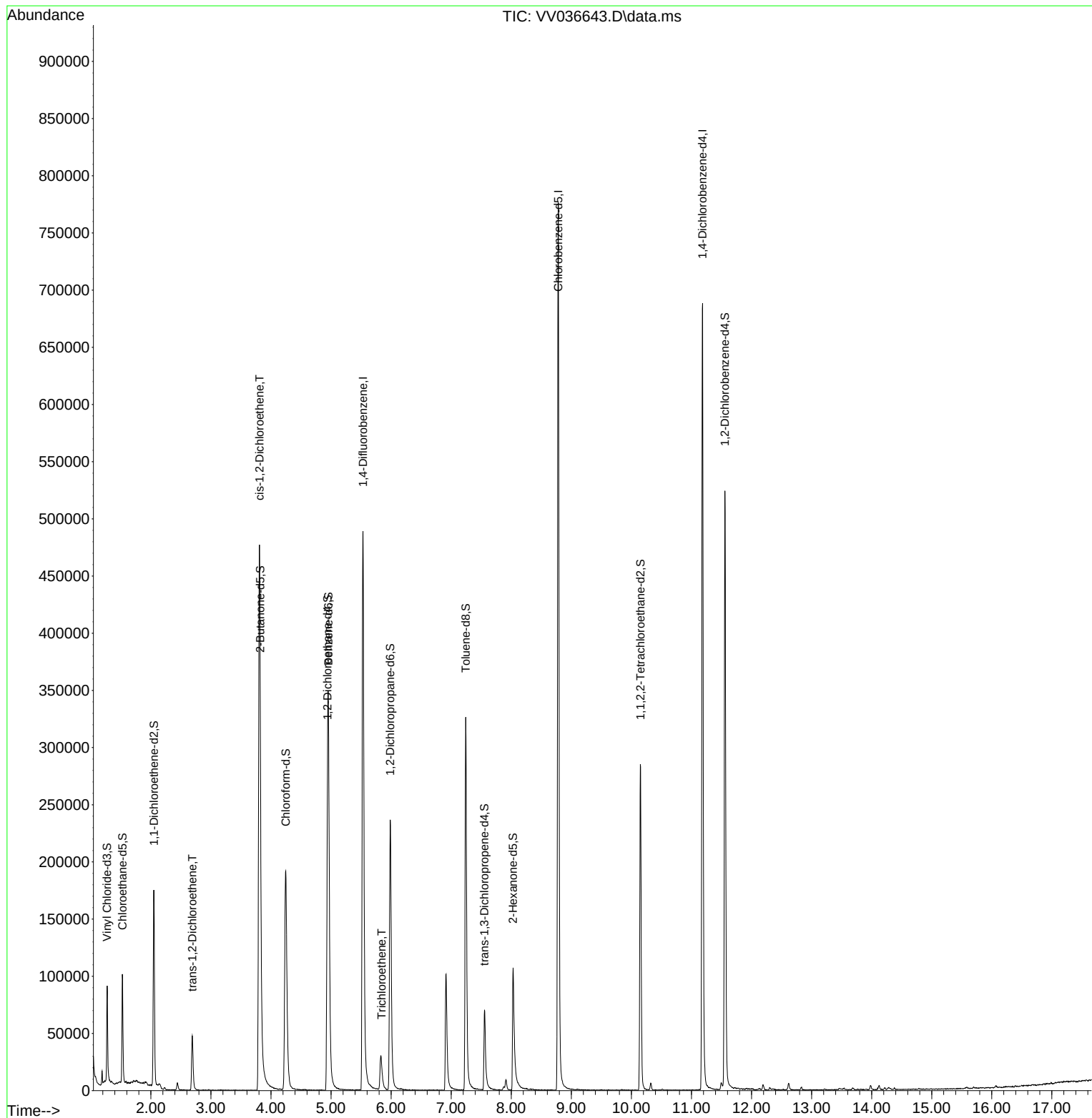
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	463274	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	475361	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	200791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	53571	10.558	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	42.240%		
7) Chloroethane-d5	1.526	69	63054	13.759	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.040%		
11) 1,1-Dichloroethene-d2	2.050	65	27689	10.321	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.280%#		
21) 2-Butanone-d5	3.822	46	55838	47.154	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	94.300%		
24) Chloroform-d	4.246	84	216070	17.635	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	70.520%		
26) 1,2-Dichloroethane-d4	4.940	65	121015	20.020	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.080%		
32) Benzene-d6	4.957	84	303709	13.481	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	53.920%		
36) 1,2-Dichloropropane-d6	5.985	67	111927	17.436	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	69.760%#		
41) Toluene-d8	7.243	98	235270	10.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	43.760%		
43) trans-1,3-Dichloroprop...	7.555	79	46991	16.467	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.880%		
47) 2-Hexanone-d5	8.030	63	39281	45.980	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.960%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132472	23.677	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.720%		
66) 1,2-Dichlorobenzene-d4	11.558	152	149419	21.317	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.280%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	2.690	96	20881	2.893	ug/L	96
20) cis-1,2-Dichloroethene	3.809	96	284845	37.789	ug/L	99
34) Trichloroethene	5.841	95	3673	0.416	ug/L	96

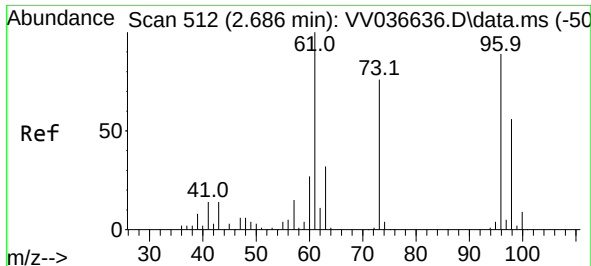
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.893 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV036643.D

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Instrument :

MSVOA_V

ClientSampleId :

E1ZT8

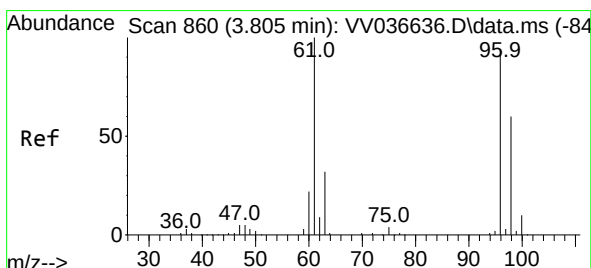
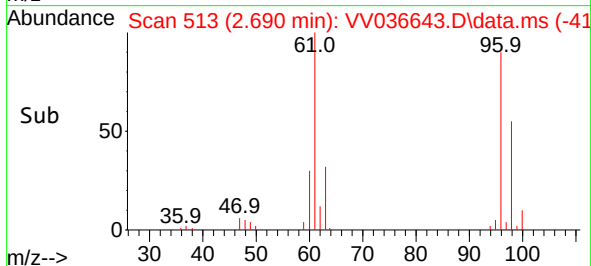
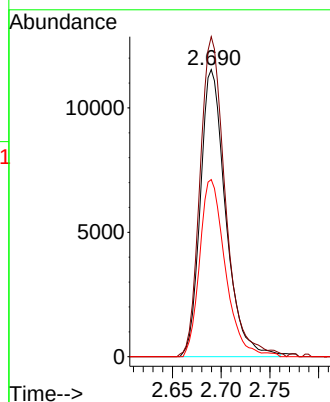
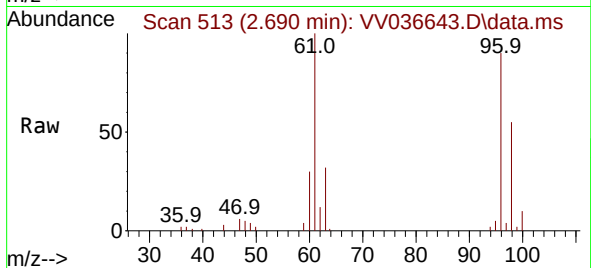
Tgt Ion: 96 Resp: 20881

Ion Ratio Lower Upper

96 100

61 111.5 81.5 151.5

98 61.7 44.3 82.3



#20

cis-1,2-Dichloroethene

Concen: 37.789 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV036643.D

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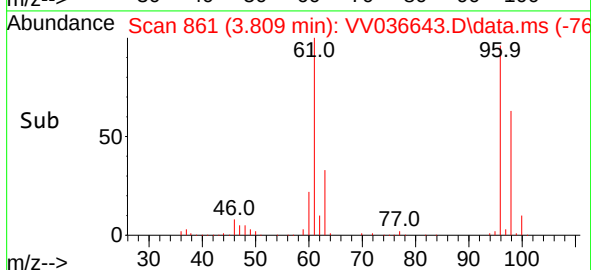
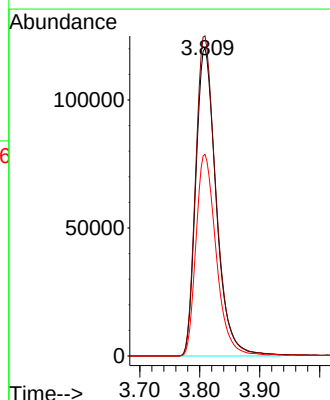
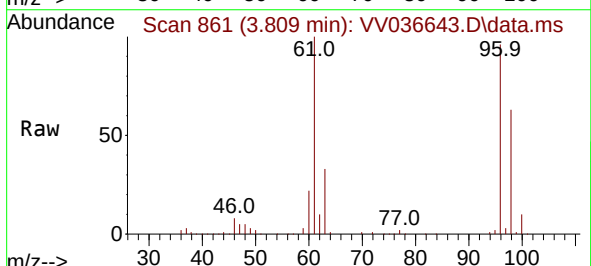
Tgt Ion: 96 Resp: 284845

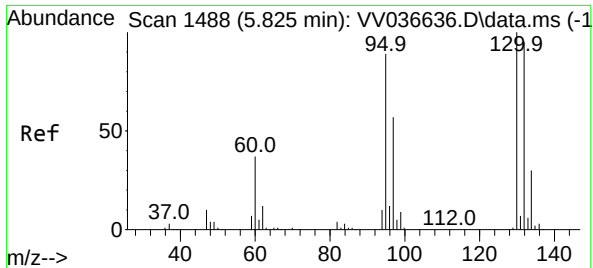
Ion Ratio Lower Upper

96 100

61 104.0 73.0 135.6

98 65.5 44.8 83.2





#34
 Trichloroethene
 Concen: 0.416 ug/L
 RT: 5.841 min Scan# 14
 Delta R.T. 0.016 min
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 MSVOA_V
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 E1ZT8

Tgt Ion: 95 Resp: 3673

Ion	Ratio	Lower	Upper
95	100		
97	73.8	45.1	83.7
132	102.8	72.7	134.9
130	112.2	76.0	141.2

