

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
 Data File : VV034858.D
 Acq On : 27 Mar 2024 12:30
 Operator : SY/MD
 Sample : P1851-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

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

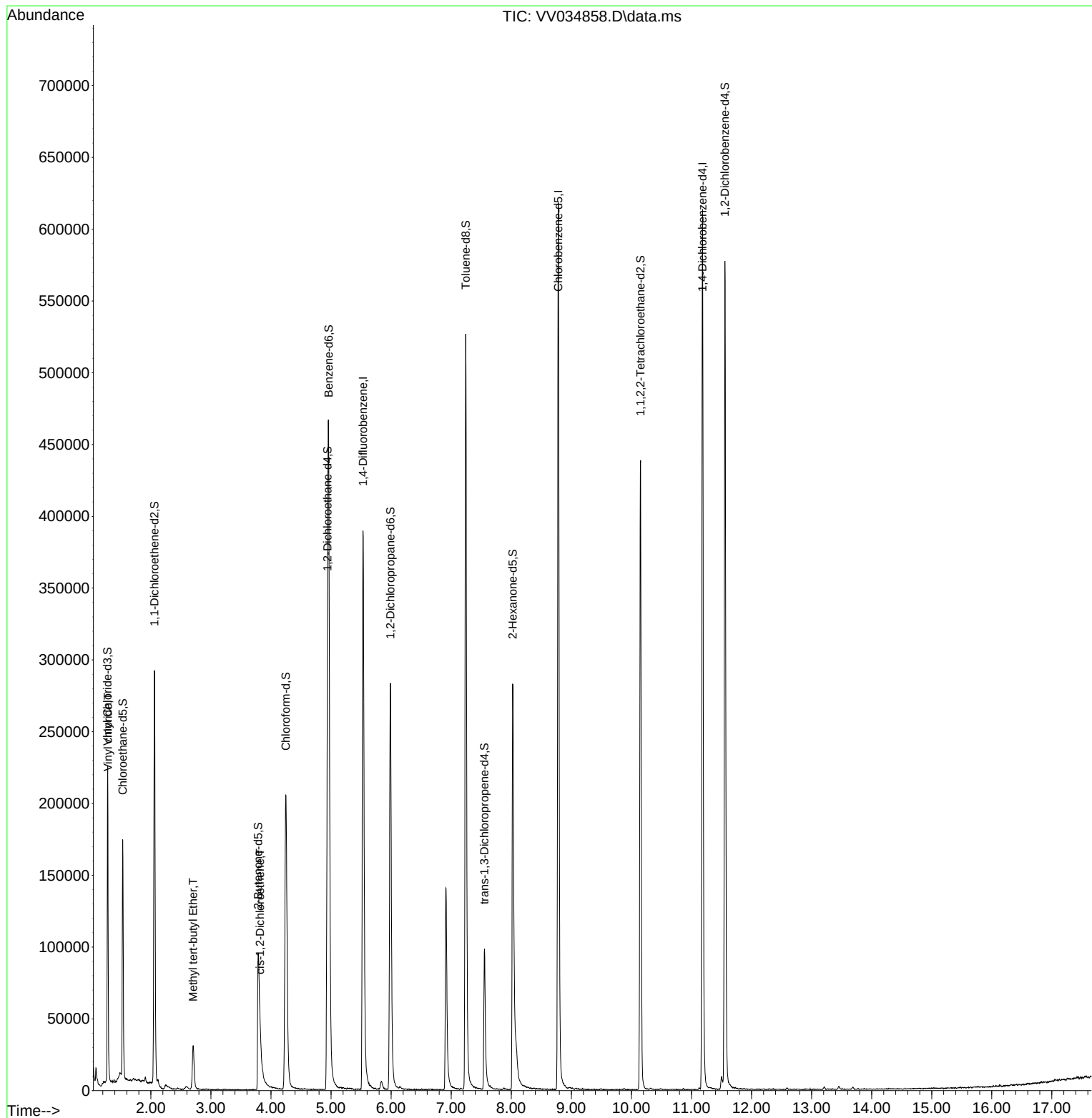
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342626	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	331985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	156820	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	108076	32.662	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.320%		
7) Chloroethane-d5	1.532	69	105246	36.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.240%		
11) 1,1-Dichloroethene-d2	2.060	65	49767	34.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.620%		
21) 2-Butanone-d5	3.786	46	152003	77.456	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.460%		
24) Chloroform-d	4.246	84	221406	39.797	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.600%		
26) 1,2-Dichloroethane-d4	4.940	65	144874	41.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.040%		
32) Benzene-d6	4.960	84	418361	37.516	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.040%		
36) 1,2-Dichloropropane-d6	5.989	67	142841	40.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.680%		
41) Toluene-d8	7.243	98	356290	35.477	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	70.960%#		
43) trans-1,3-Dichloroprop...	7.555	79	60713	35.267	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.540%		
47) 2-Hexanone-d5	8.024	63	101984	76.173	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.170%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	211813	43.436	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.880%		
66) 1,2-Dichlorobenzene-d4	11.558	152	145458	41.312	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.620%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	34983	10.453	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	30806	3.528	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	3218	1.140	ug/L	94

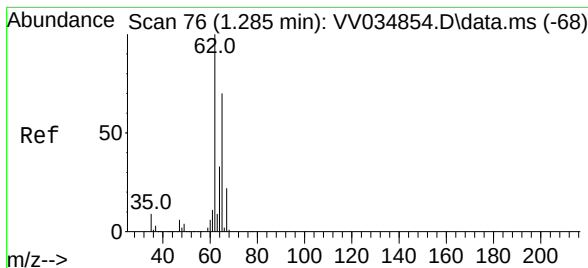
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 10.453 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

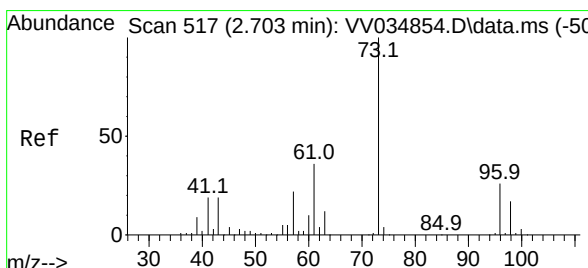
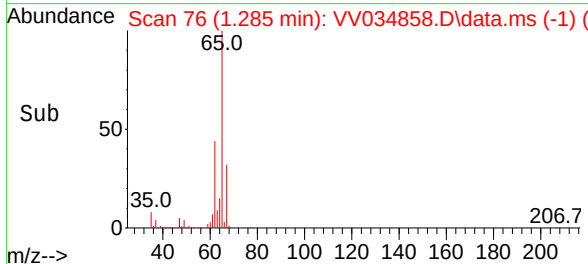
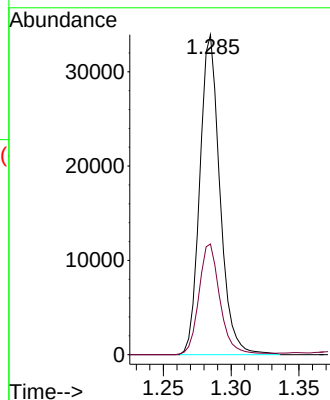
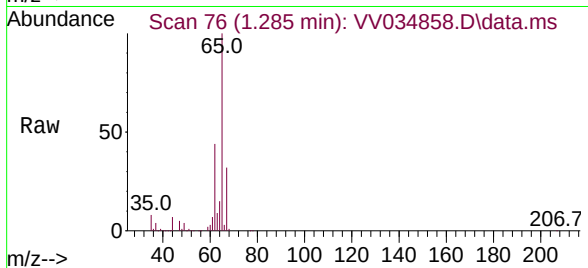
ClientSampleId :

Tgt Ion: 62 Resp: 34983

Ion Ratio Lower Upper

62 100

64 34.6 23.6 43.8



#18

Methyl tert-butyl Ether

Concen: 3.528 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

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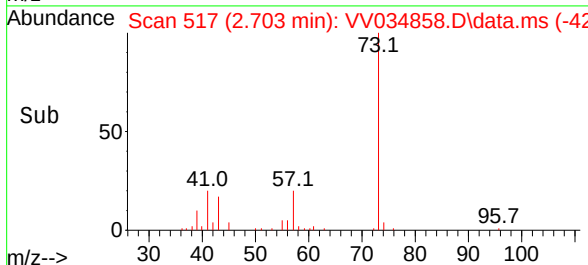
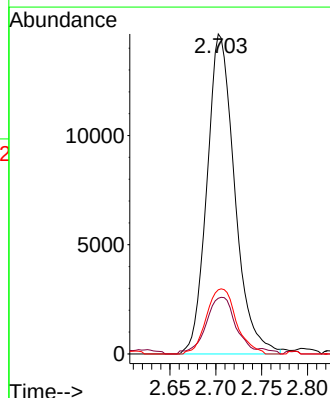
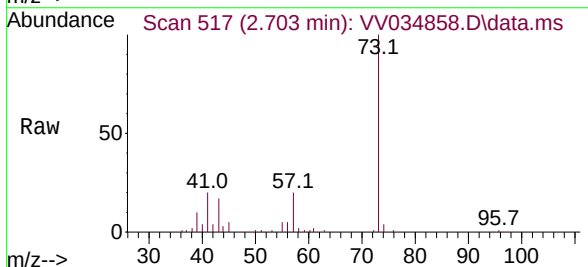
Tgt Ion: 73 Resp: 30806

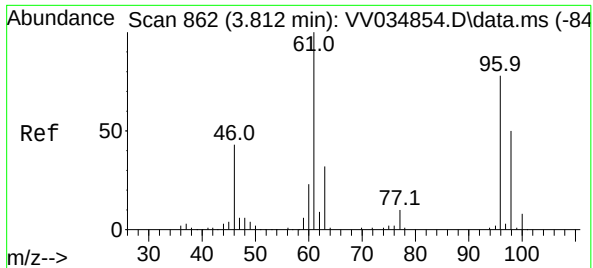
Ion Ratio Lower Upper

73 100

43 18.7 14.6 21.8

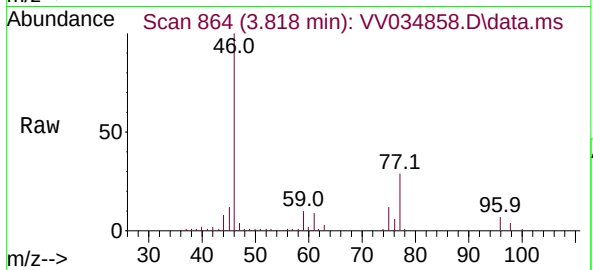
57 21.9 17.6 26.4





#20
 cis-1,2-Dichloroethene
 Concen: 1.140 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV034858.D
 Acq: 27 Mar 2024 12:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 3218
 Ion Ratio Lower Upper
 96 100
 61 131.7 94.9 176.3
 98 57.0 45.6 84.8

