

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037791.D
 Acq On : 10 Oct 2024 09:54
 Operator : SY/MD
 Sample : VV1010MBL01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 11 05:11:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

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

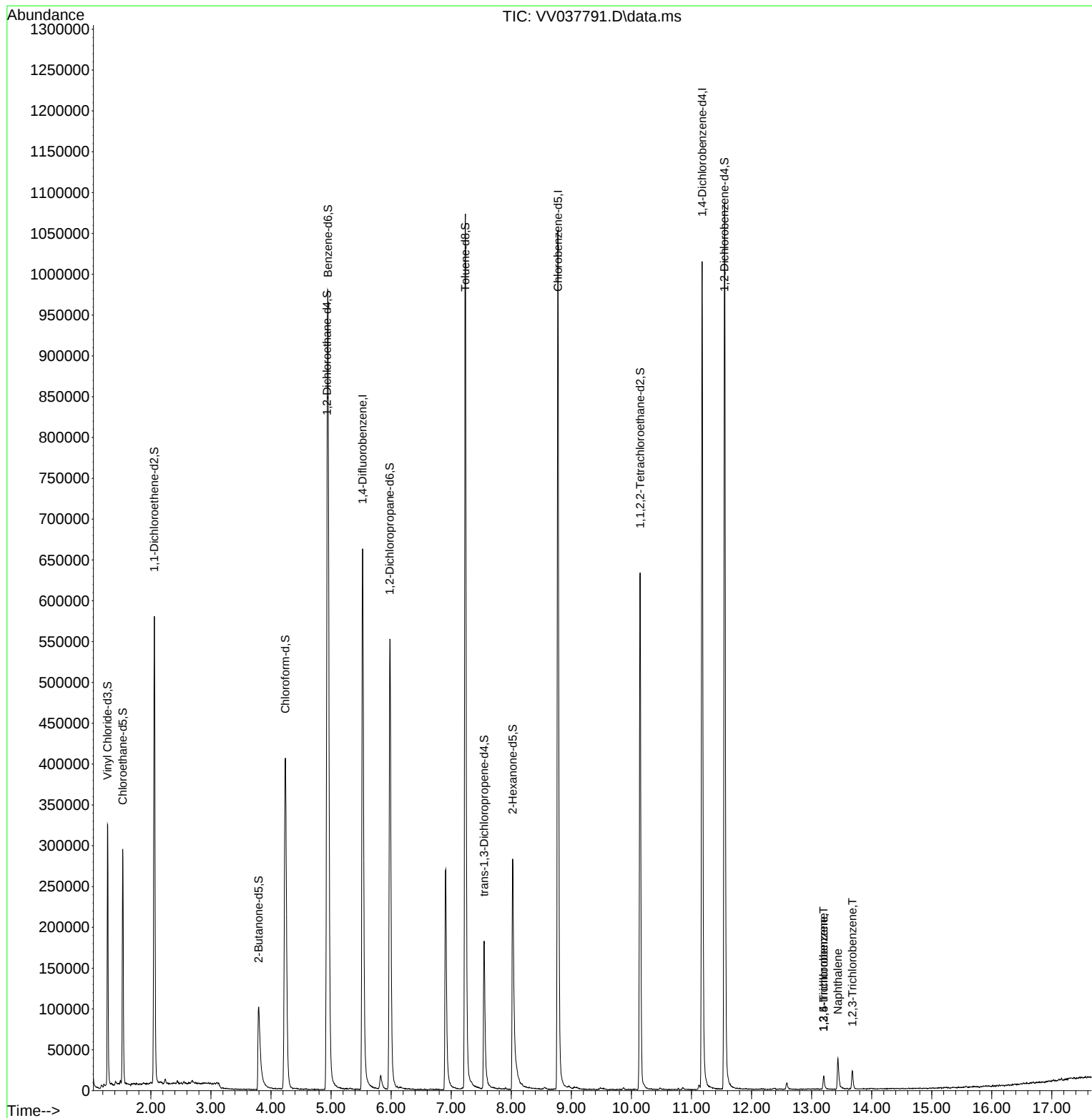
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	594896	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	577553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	269138	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	214769	41.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.260%		
7) Chloroethane-d5	1.532	69	188278	46.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.900%		
11) 1,1-Dichloroethene-d2	2.056	65	97029	44.472	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.940%		
21) 2-Butanone-d5	3.796	46	161058	86.587	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.590%		
24) Chloroform-d	4.239	84	441008	47.466	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
26) 1,2-Dichloroethane-d4	4.934	65	268104	49.300	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.600%		
32) Benzene-d6	4.950	84	854124	47.260	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.520%		
36) 1,2-Dichloropropane-d6	5.979	67	279685	48.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.200%		
41) Toluene-d8	7.236	98	733378	44.751	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.500%		
43) trans-1,3-Dichloroprop...	7.548	79	113885	42.600	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.200%		
47) 2-Hexanone-d5	8.024	63	96770	79.633	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.630%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	311553	46.592	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.180%		
66) 1,2-Dichlorobenzene-d4	11.551	152	285916	50.415	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.820%		
Target Compounds						
					Qvalue	
69) 1,3,5-Trichlorobenzene	13.201	180	5585	0.964	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	5585	1.039	ug/L	94
71) Naphthalene	13.438	128	33143	2.361	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	7469	1.407	ug/L	96

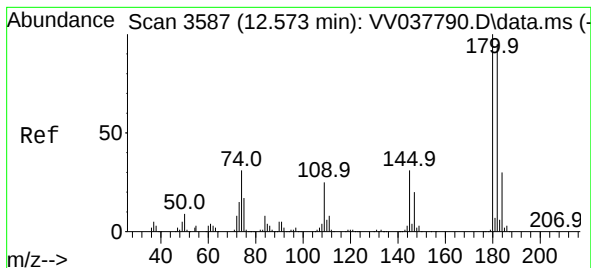
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

1,3,5-Trichlorobenzene

Concen: 0.964 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.627 min

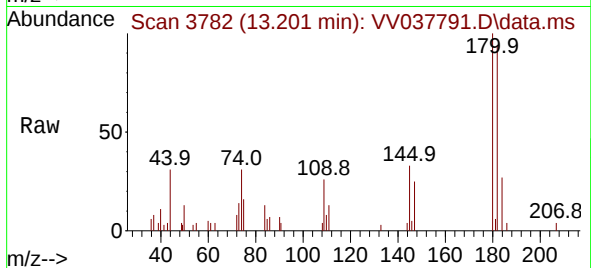
Lab File: VV037791.D

Acq: 10 Oct 2024 09:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5585

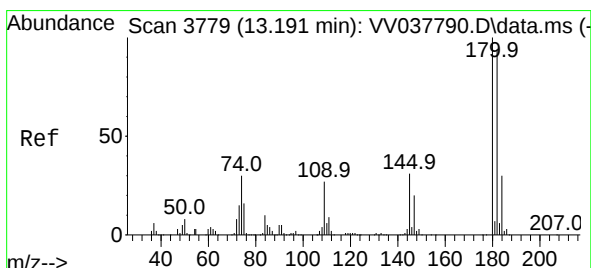
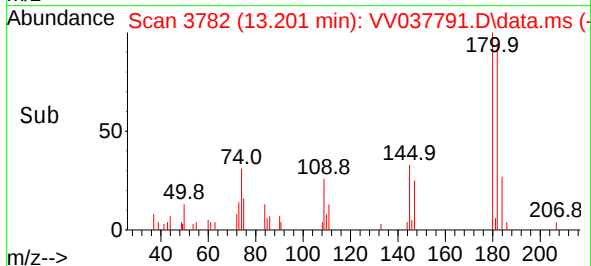
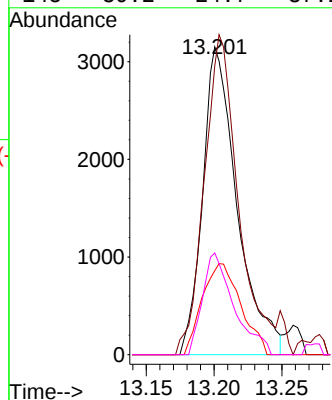
Ion Ratio Lower Upper

180 100

182 102.2 75.6 113.4

184 33.0 23.8 35.6

145 30.2 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 1.039 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037791.D

Acq: 10 Oct 2024 09:54

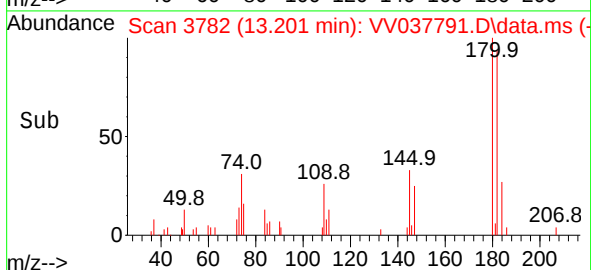
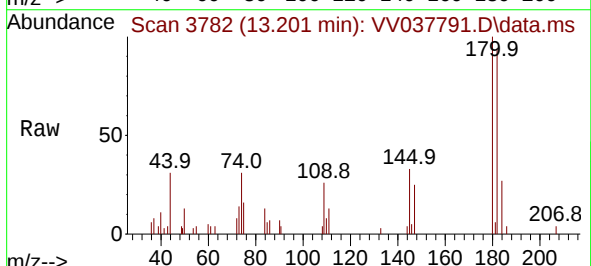
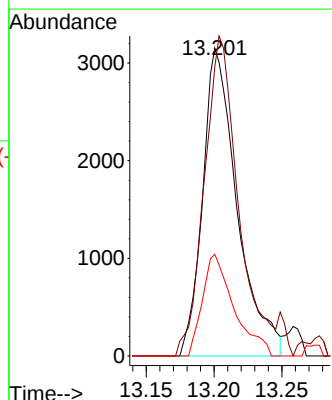
Tgt Ion:180 Resp: 5585

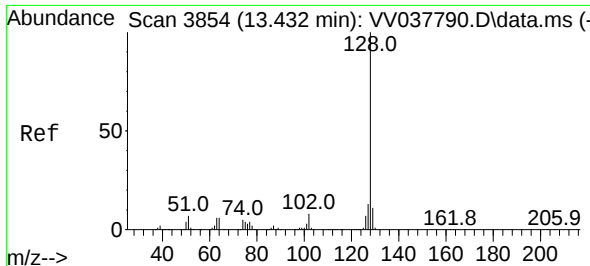
Ion Ratio Lower Upper

180 100

182 102.2 75.9 113.9

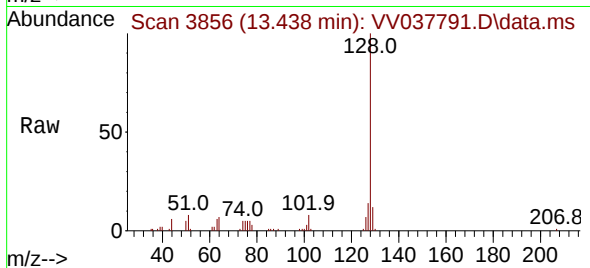
145 30.2 25.4 38.2



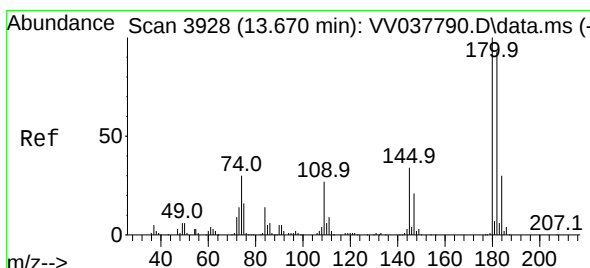
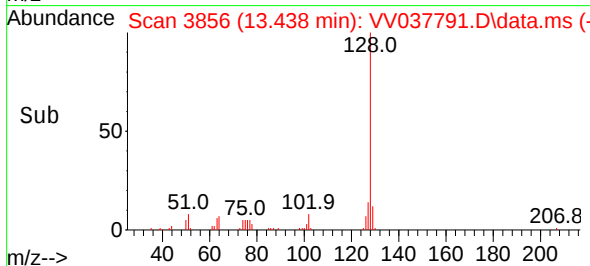
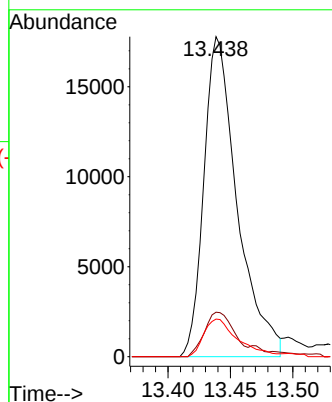


#71
Naphthalene
Concen: 2.361 ug/L
RT: 13.438 min Scan# 3854
Delta R.T. 0.006 min
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 33143
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 11.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.407 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.010 min
Lab File: VV037791.D
Acq: 10 Oct 2024 09:54

Tgt Ion:180 Resp: 7469
Ion Ratio Lower Upper
180 100
182 97.1 75.8 113.8
145 37.1 26.2 39.4

