

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037652.D
 Acq On : 30 Sep 2024 14:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 01 02:08:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

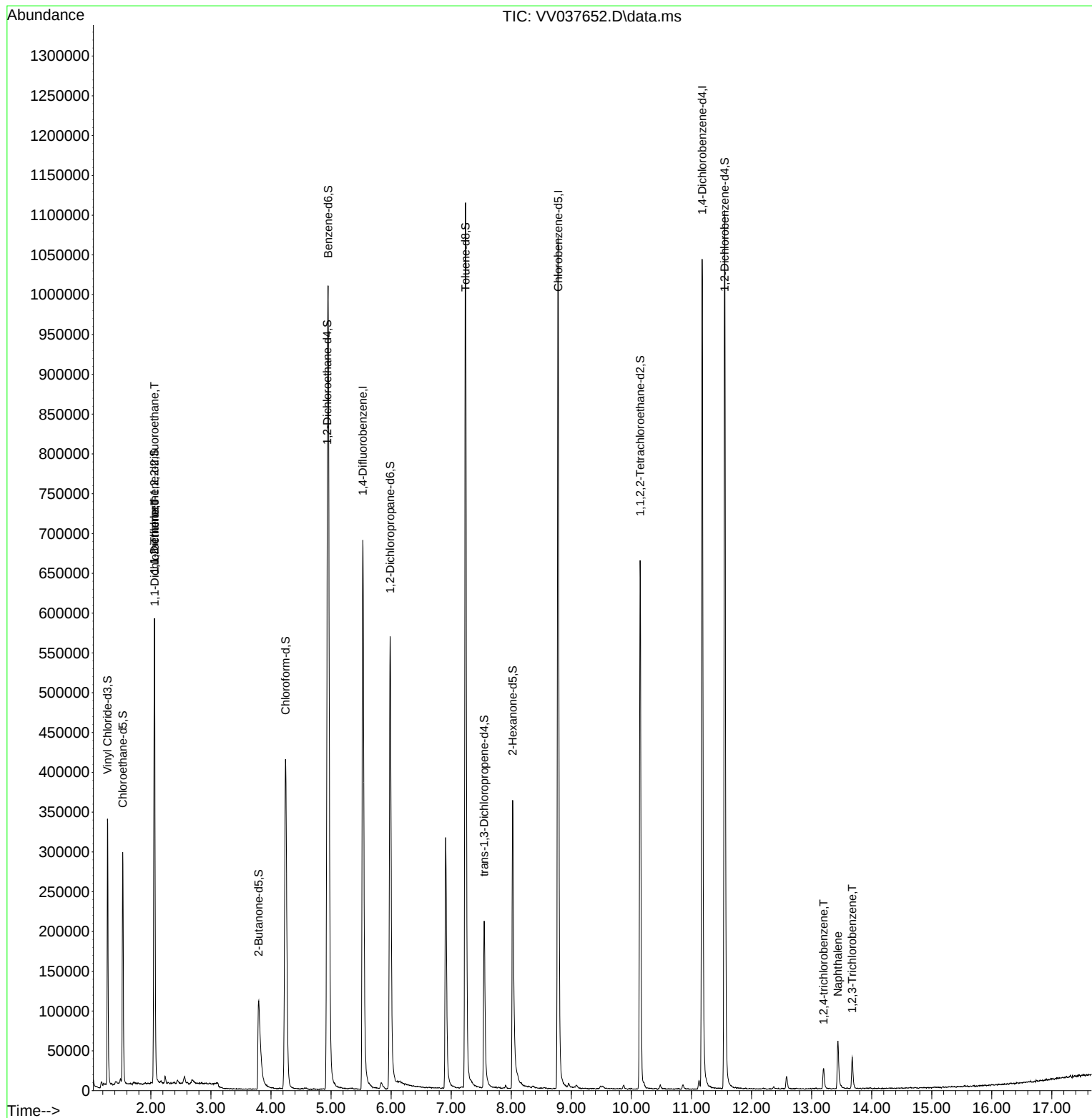
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	622077	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	596621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	279367	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224724	41.152	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.300%	
7) Chloroethane-d5	1.532	69	190766	45.005	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	90.020%	
11) 1,1-Dichloroethene-d2	2.060	65	97175	42.593	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.180%	
21) 2-Butanone-d5	3.796	46	183610	94.399	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	94.400%	
24) Chloroform-d	4.243	84	451615	46.484	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.960%	
26) 1,2-Dichloroethane-d4	4.937	65	277088	48.725	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.460%	
32) Benzene-d6	4.953	84	876570	46.952	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.900%	
36) 1,2-Dichloropropane-d6	5.986	67	283658	47.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.420%	
41) Toluene-d8	7.240	98	763527	45.102	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.548	79	131478	47.609	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	95.220%	
47) 2-Hexanone-d5	8.024	63	131894	105.068	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.070%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	321279	46.511	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.020%	
66) 1,2-Dichlorobenzene-d4	11.554	152	288954	49.085	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.160%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3454	0.779	ug/L #	36
12) 1,1-Dichloroethene	2.063	96	3484	0.841	ug/L #	1
70) 1,2,4-trichlorobenzene	13.197	180	9264	1.661	ug/L	96
71) Naphthalene	13.439	128	58053	3.984	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	12816	2.327	ug/L	94

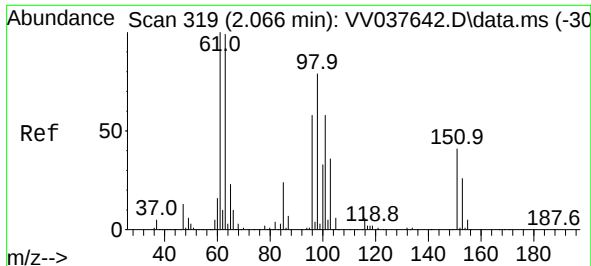
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 01 02:04:27 2024
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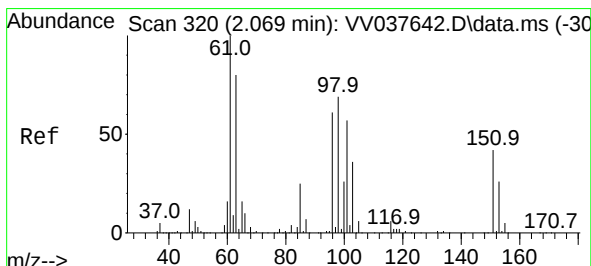
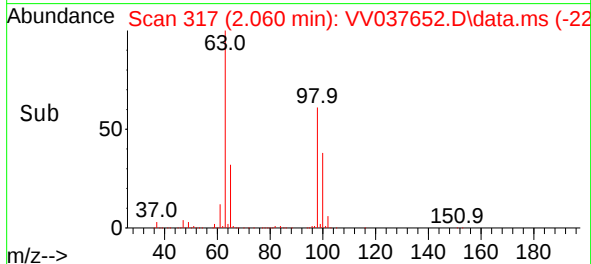
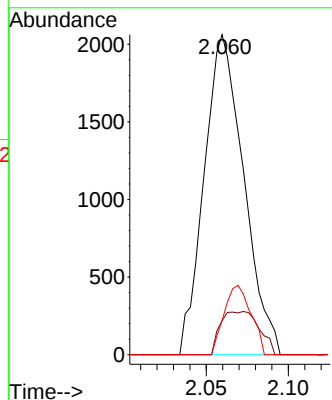
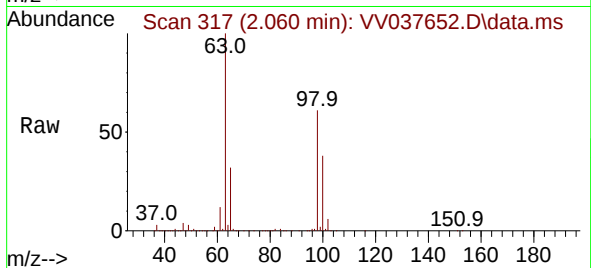




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.779 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.006 min
 Lab File: VV037652.D
 Acq: 30 Sep 2024 14:10

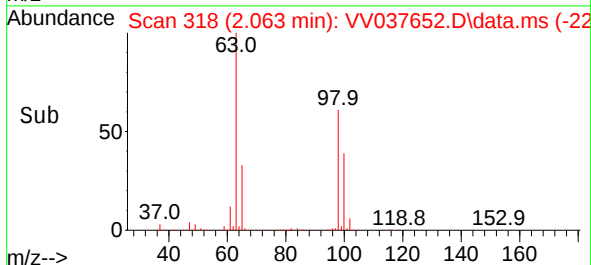
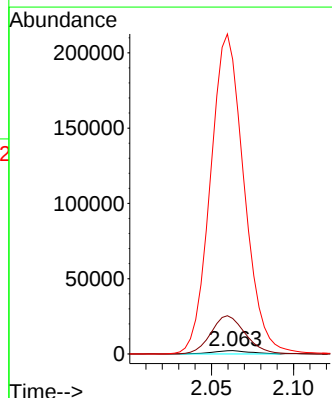
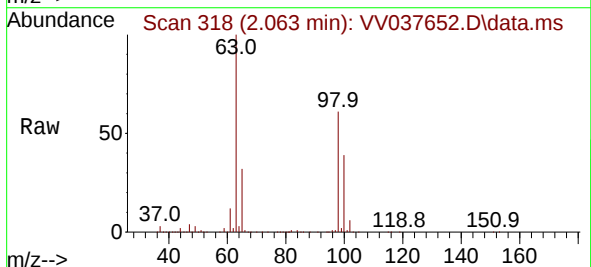
Instrument :
 MSVOA_V
 ClientSampleId :

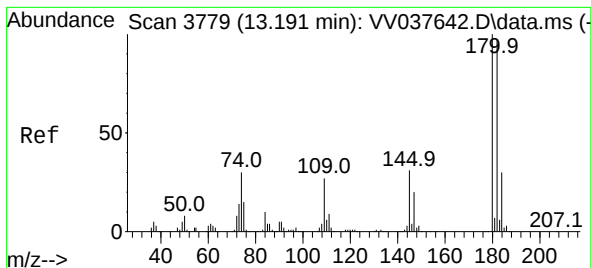
Tgt Ion:101 Resp: 3454
 Ion Ratio Lower Upper
 101 100
 85 6.6 34.6 52.0#
 151 14.7 57.5 86.3#



#12
 1,1-Dichloroethene
 Concen: 0.841 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV037652.D
 Acq: 30 Sep 2024 14:10

Tgt Ion: 96 Resp: 3484
 Ion Ratio Lower Upper
 96 100
 61 1075.7 122.6 227.6#
 63 8917.4 118.0 219.2#





#70

1,2,4-trichlorobenzene

Concen: 1.661 ug/L

RT: 13.197 min Scan# 3779

Delta R.T. 0.007 min

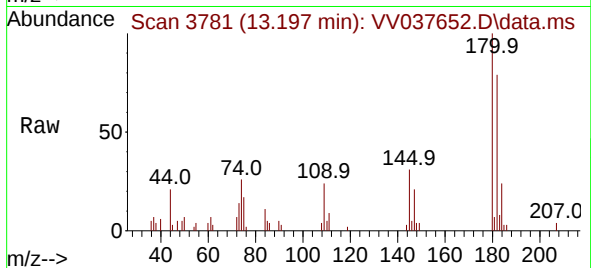
Lab File: VV037652.D

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Instrument :

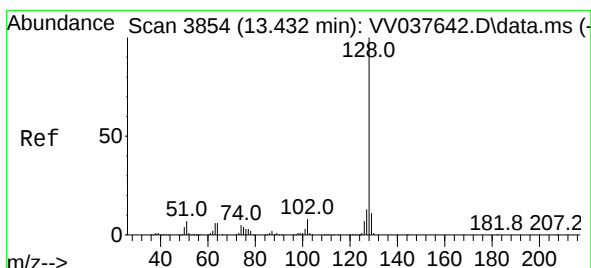
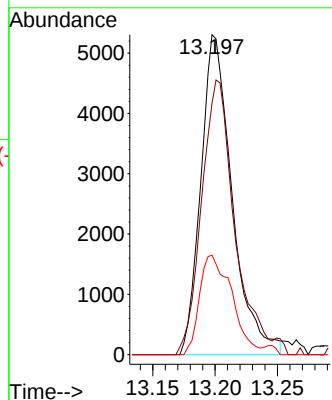
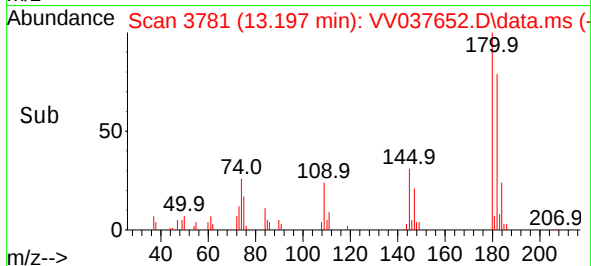
MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 9264

Ion	Ratio	Lower	Upper
180	100		
182	90.0	75.9	113.9
145	32.1	25.4	38.2



#71

Naphthalene

Concen: 3.984 ug/L

RT: 13.439 min Scan# 3856

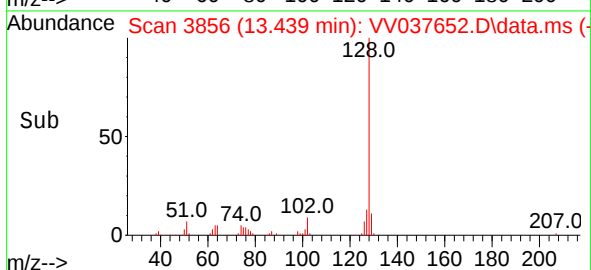
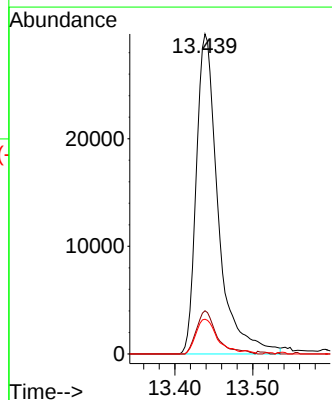
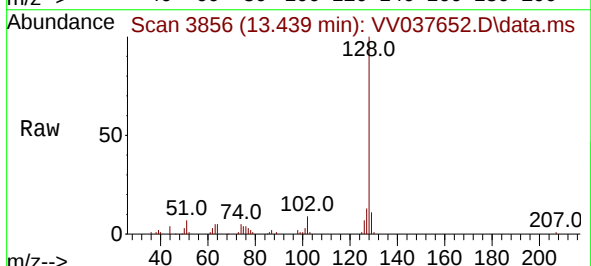
Delta R.T. 0.007 min

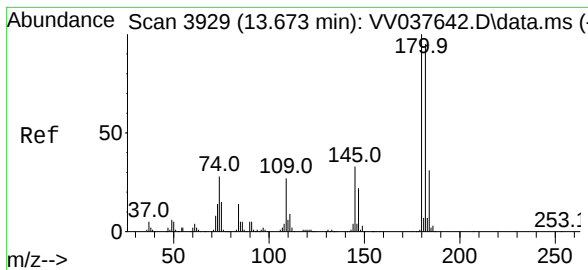
Lab File: VV037652.D

Acq: 30 Sep 2024 14:10

Tgt Ion:128 Resp: 58053

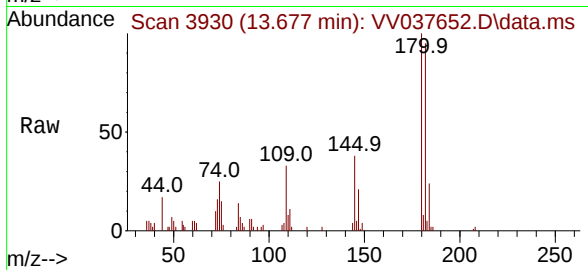
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.6	8.5	12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 2.327 ug/L
 RT: 13.677 min Scan# 3930
 Delta R.T. 0.003 min
 Lab File: VV037652.D
 Acq: 30 Sep 2024 14:10

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	12816
Ion Ratio	Lower	Upper	
180	100		
182	87.8	75.8	113.8
145	34.1	26.2	39.4

