

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034569.D
 Acq On : 13 Mar 2024 12:53
 Operator : SY/MD
 Sample : VIBLK271
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK271

Quant Time: Mar 14 02:23:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

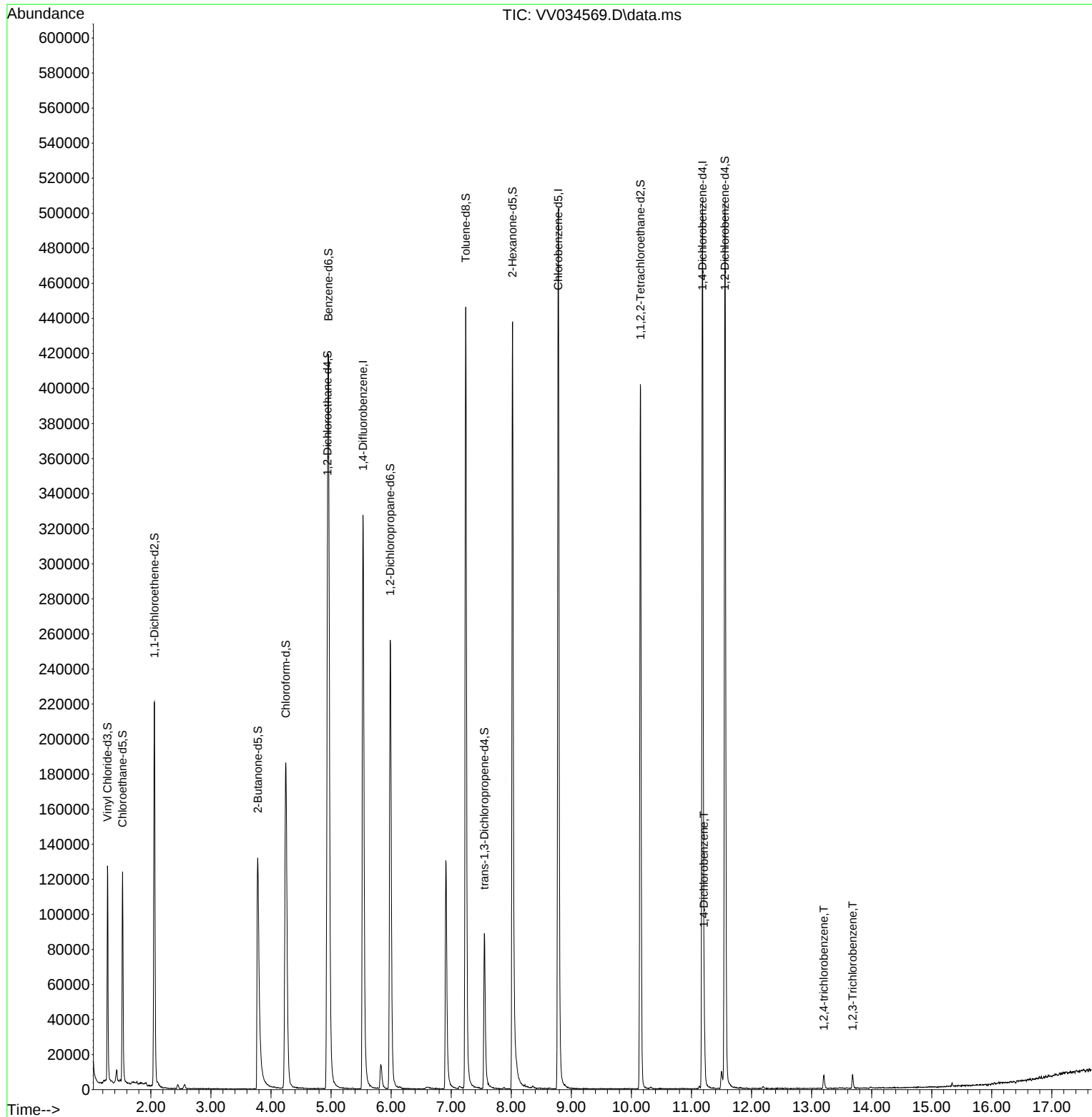
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	280278	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	264662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	125882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76949	31.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.340%
7) Chloroethane-d5	1.529	69	76132	40.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	2.060	65	36558	33.270	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.540%
21) 2-Butanone-d5	3.780	46	217298	133.735	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	133.730%#
24) Chloroform-d	4.246	84	199222	46.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
26) 1,2-Dichloroethane-d4	4.941	65	145795	51.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.860%
32) Benzene-d6	4.957	84	351303	43.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
36) 1,2-Dichloropropane-d6	5.986	67	123323	50.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	7.243	98	292843	40.513	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.020%
43) trans-1,3-Dichloroprop...	7.555	79	53768	43.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
47) 2-Hexanone-d5	8.021	63	150383	123.543	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	189105	58.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.900%
66) 1,2-Dichlorobenzene-d4	11.558	152	125550	48.794	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.580%
Target Compounds						
					Qvalue	
65) 1,4-Dichlorobenzene	11.210	146	13473	3.223	ug/L	90
70) 1,2,4-trichlorobenzene	13.204	180	2765	0.995	ug/L	96
72) 1,2,3-Trichlorobenzene	13.683	180	2539	0.937	ug/L	93

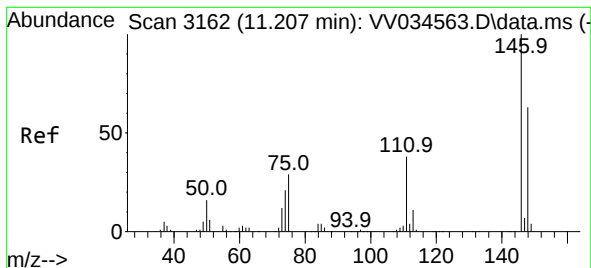
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 14 02:21:30 2024
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#65

1,4-Dichlorobenzene

Concen: 3.223 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034569.D

Acq: 13 Mar 2024 12:53

Instrument :

MSVOA_V

ClientSampleId :

VIBLK271

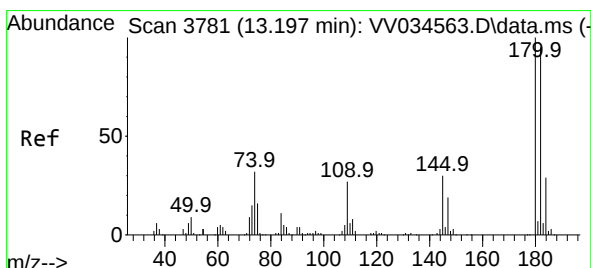
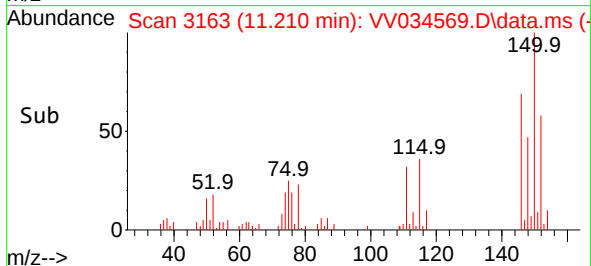
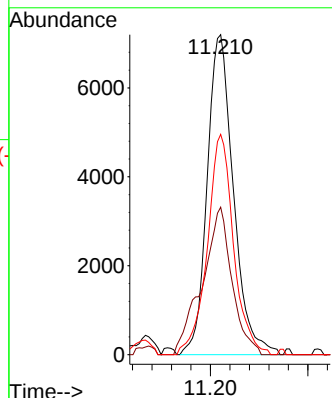
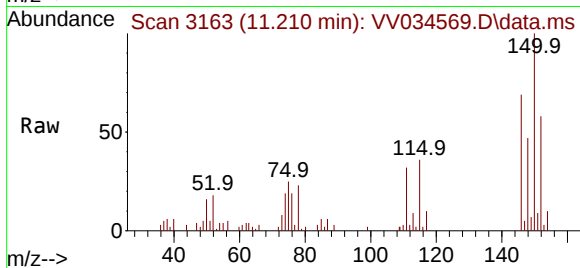
Tgt Ion:146 Resp: 13473

Ion Ratio Lower Upper

146 100

111 46.1 26.5 49.1

148 68.8 44.0 81.8



#70

1,2,4-trichlorobenzene

Concen: 0.995 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.007 min

Lab File: VV034569.D

Acq: 13 Mar 2024 12:53

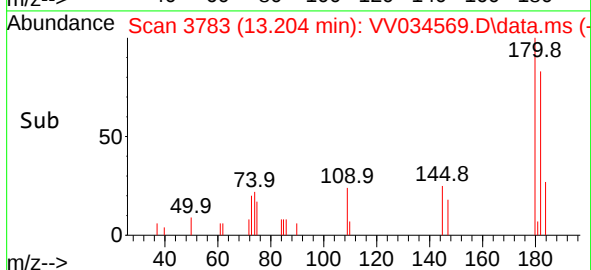
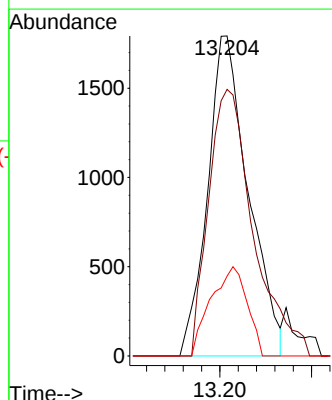
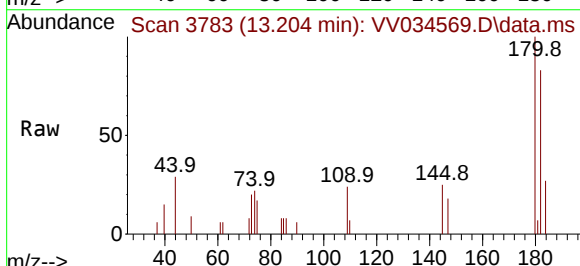
Tgt Ion:180 Resp: 2765

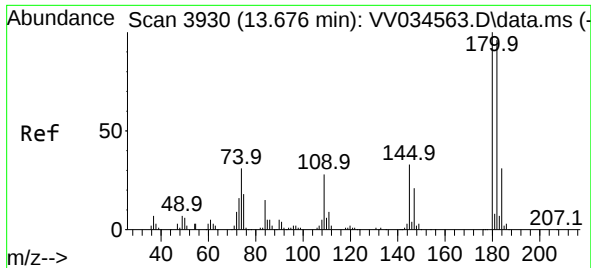
Ion Ratio Lower Upper

180 100

182 91.3 74.8 112.2

145 24.7 24.2 36.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.937 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV034569.D
 Acq: 13 Mar 2024 12:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK271

Tgt Ion:	180	Resp:	2539
Ion Ratio	Lower	Upper	
180	100		
182	102.4	75.9	113.9
145	35.4	25.5	38.3

