

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080422\
 Data File : VV027212.D
 Acq On : 04 Aug 2022 15:16
 Operator : SY/MD
 Sample : VV0804MBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK250

Quant Time: Aug 05 02:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

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

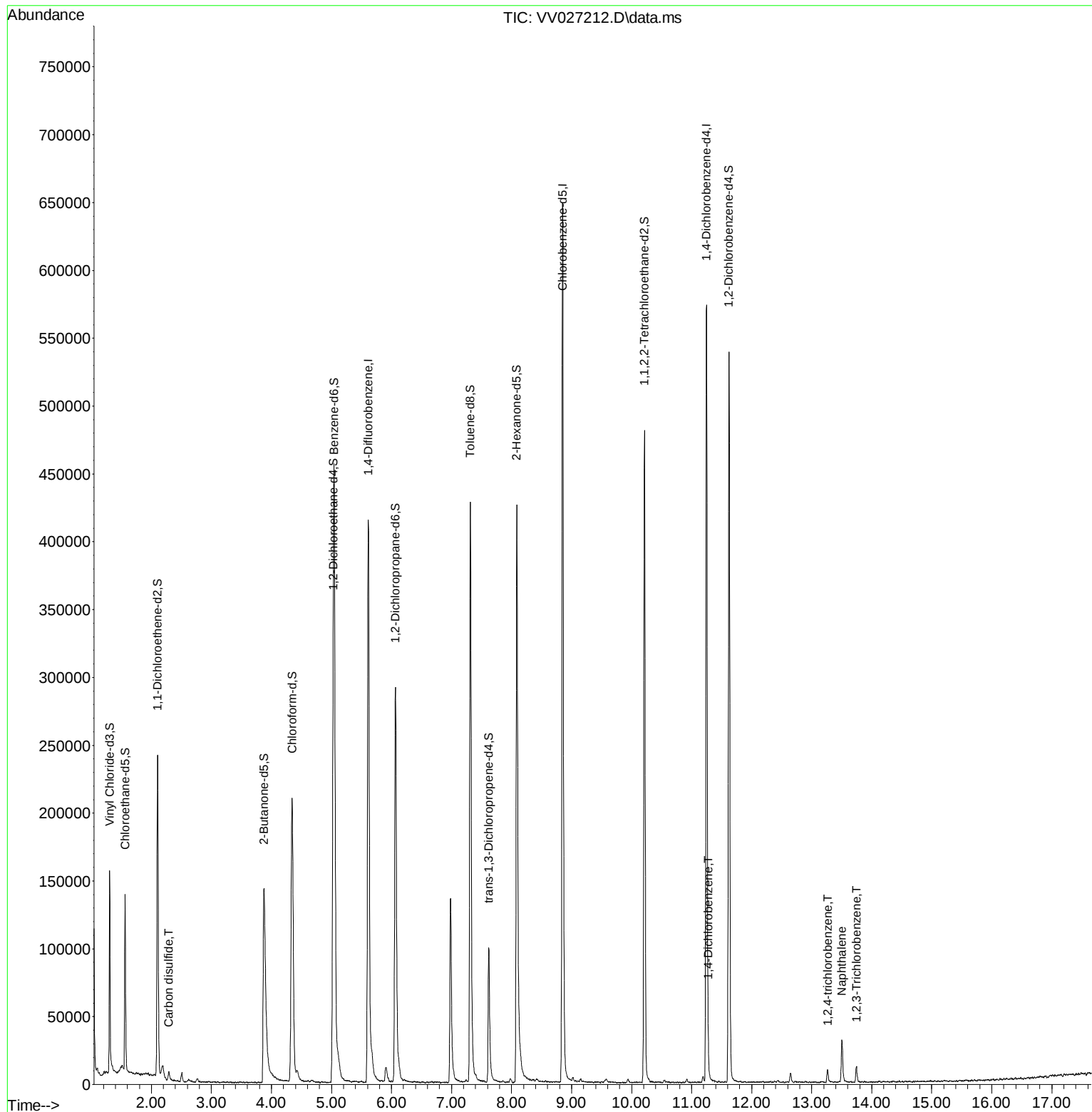
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	361481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	349771	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140277	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	100798	40.900	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	81.800%	
7) Chloroethane-d5	1.561	69	83192	46.174	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.340%	
11) 1,1-Dichloroethene-d2	2.101	63	126371	28.033	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	56.060%#	
21) 2-Butanone-d5	3.873	46	225061	102.594	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	102.590%	
24) Chloroform-d	4.343	84	217332	43.051	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	86.100%	
26) 1,2-Dichloroethane-d4	5.027	65	143983	45.937	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.880%	
32) Benzene-d6	5.047	84	389916	46.486	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.980%	
36) 1,2-Dichloropropane-d6	6.066	67	146732	49.178	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	98.360%	
41) Toluene-d8	7.314	98	293009	40.983	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	81.960%	
43) trans-1,3-Dichloroprop...	7.619	79	57794	44.439	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.880%	
47) 2-Hexanone-d5	8.088	63	142512	99.170	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	99.170%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	224589	46.190	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	92.380%	
66) 1,2-Dichlorobenzene-d4	11.622	152	133202	54.986	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.980%	
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.288	76	5818	0.682	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	2342	0.519	ug/L #	85
70) 1,2,4-trichlorobenzene	13.268	180	3012	1.260	ug/L #	77
71) Naphthalene	13.503	128	24425	2.984	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	3151	1.189	ug/L	97

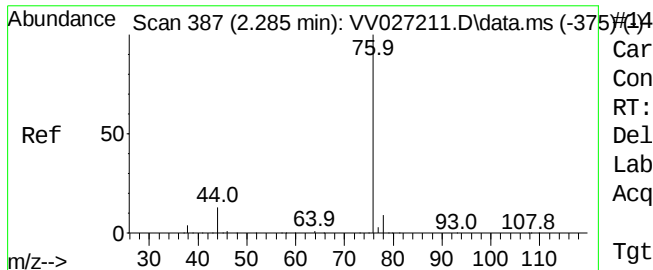
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 05 02:29:34 2022
Response via : Initial Calibration





Carbon disulfide

Concen: 0.682 ug/L

RT: 2.288 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV027212.D

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Instrument :

MSVOA_V

ClientSampleId :

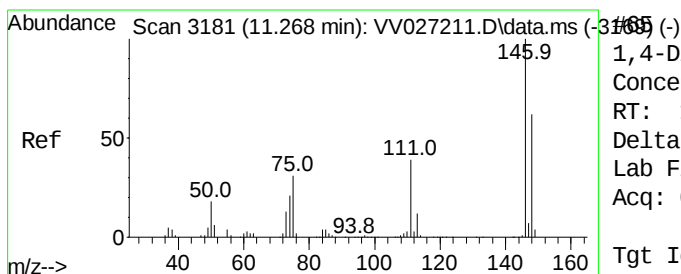
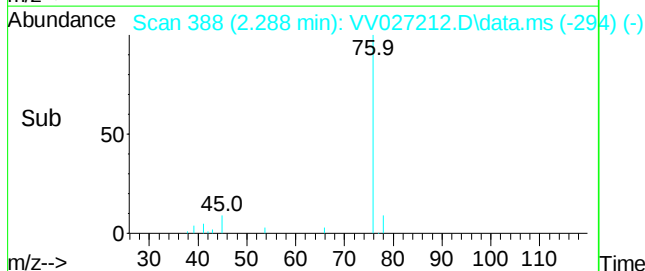
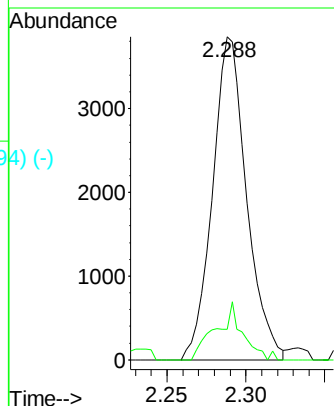
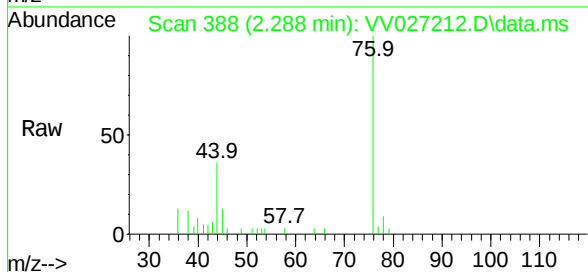
VBLK250

Tgt Ion: 76 Resp: 5818

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



1,4-Dichlorobenzene

Concen: 0.519 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.007 min

Lab File: VV027212.D

Acq: 04 Aug 2022 15:16

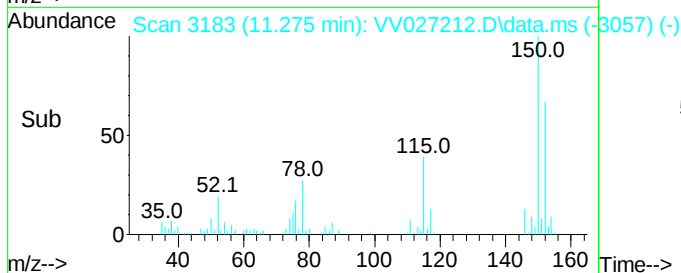
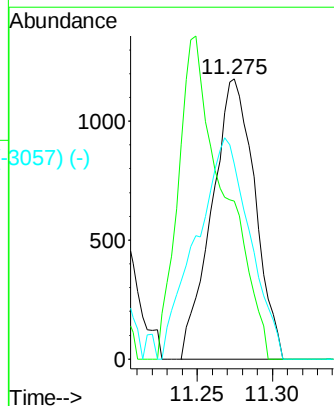
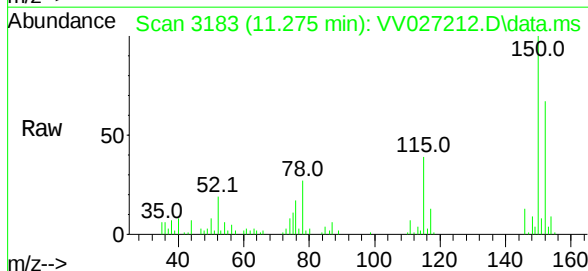
Tgt Ion: 146 Resp: 2342

Ion Ratio Lower Upper

146 100

111 56.2 27.4 51.0#

148 69.5 44.6 82.8



Abundance Scan 3800 (13.258 min): VV027211.D\data.ms (-3759) (-)

1,2,4-trichlorobenzene

Concen: 1.260 ug/L

RT: 13.268 min Scan# 3759

Delta R.T. 0.010 min

Lab File: VV027212.D

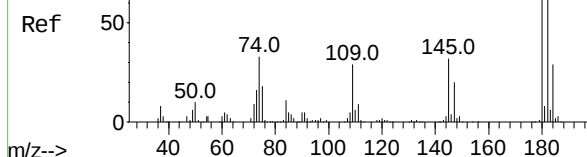
Acq: 04 Aug 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

VBLK250



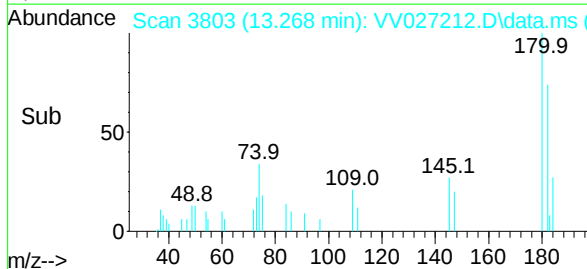
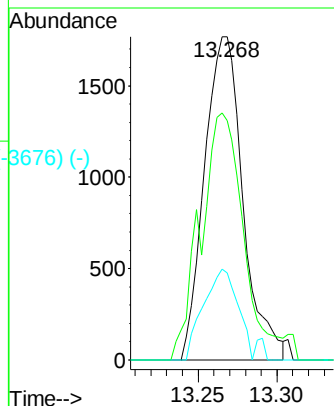
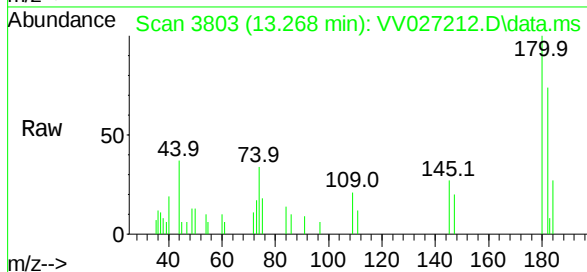
Tgt Ion:180 Resp: 3012

Ion Ratio Lower Upper

180 100

182 68.8 75.9 113.9#

145 25.1 24.7 37.1



Abundance Scan 3875 (13.500 min): VV027211.D\data.ms (-3872) (-)

Naphthalene

Concen: 2.984 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV027212.D

Acq: 04 Aug 2022 15:16

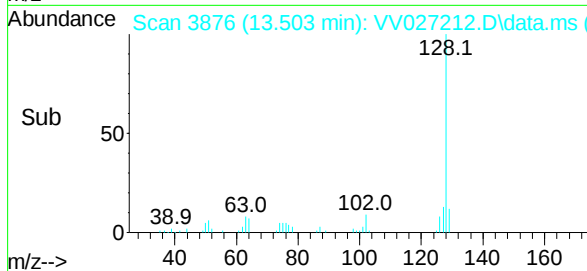
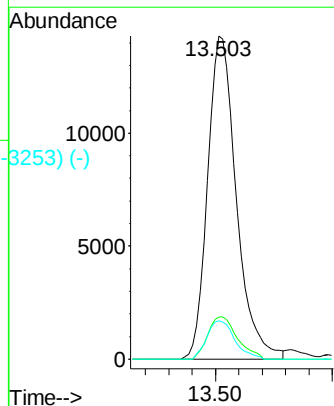
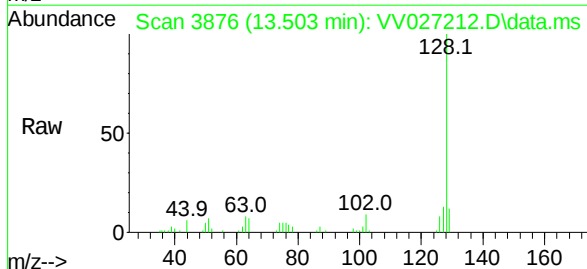
Tgt Ion:128 Resp: 24425

Ion Ratio Lower Upper

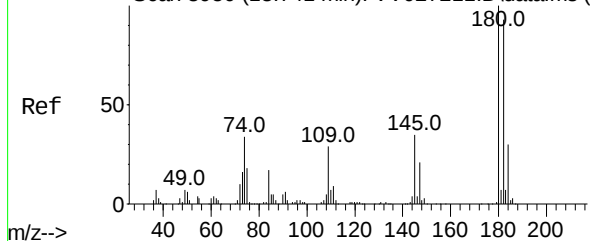
128 100

127 13.5 10.3 15.5

129 11.5 8.6 13.0



Abundance Scan 3950 (13.741 min): VV027211.D\data.ms (-3950)



1,2,3-Trichlorobenzene

Concen: 1.189 ug/L

RT: 13.744 min Scan#

Delta R.T. 0.003 min

Lab File: VV027212.D

Acq: 04 Aug 2022 15:16

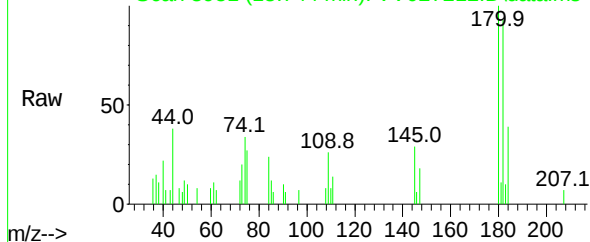
Instrument :

MSVOA_V

ClientSampleId :

VBLK250

Abundance Scan 3951 (13.744 min): VV027212.D\data.ms



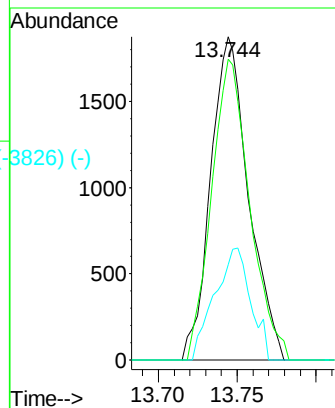
Tgt Ion:180 Resp: 3151

Ion Ratio Lower Upper

180 100

182 93.6 76.3 114.5

145 31.2 27.4 41.0



Abundance Scan 3951 (13.744 min): VV027212.D\data.ms (-3826) (-)

