

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060923\
 Data File : VW031492.D
 Acq On : 09 Jun 2023 13:25
 Operator : SY/MD
 Sample : VIBLK216
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK216

Quant Time: Jun 10 01:41:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 10 01:38:32 2023
 Response via : Initial Calibration

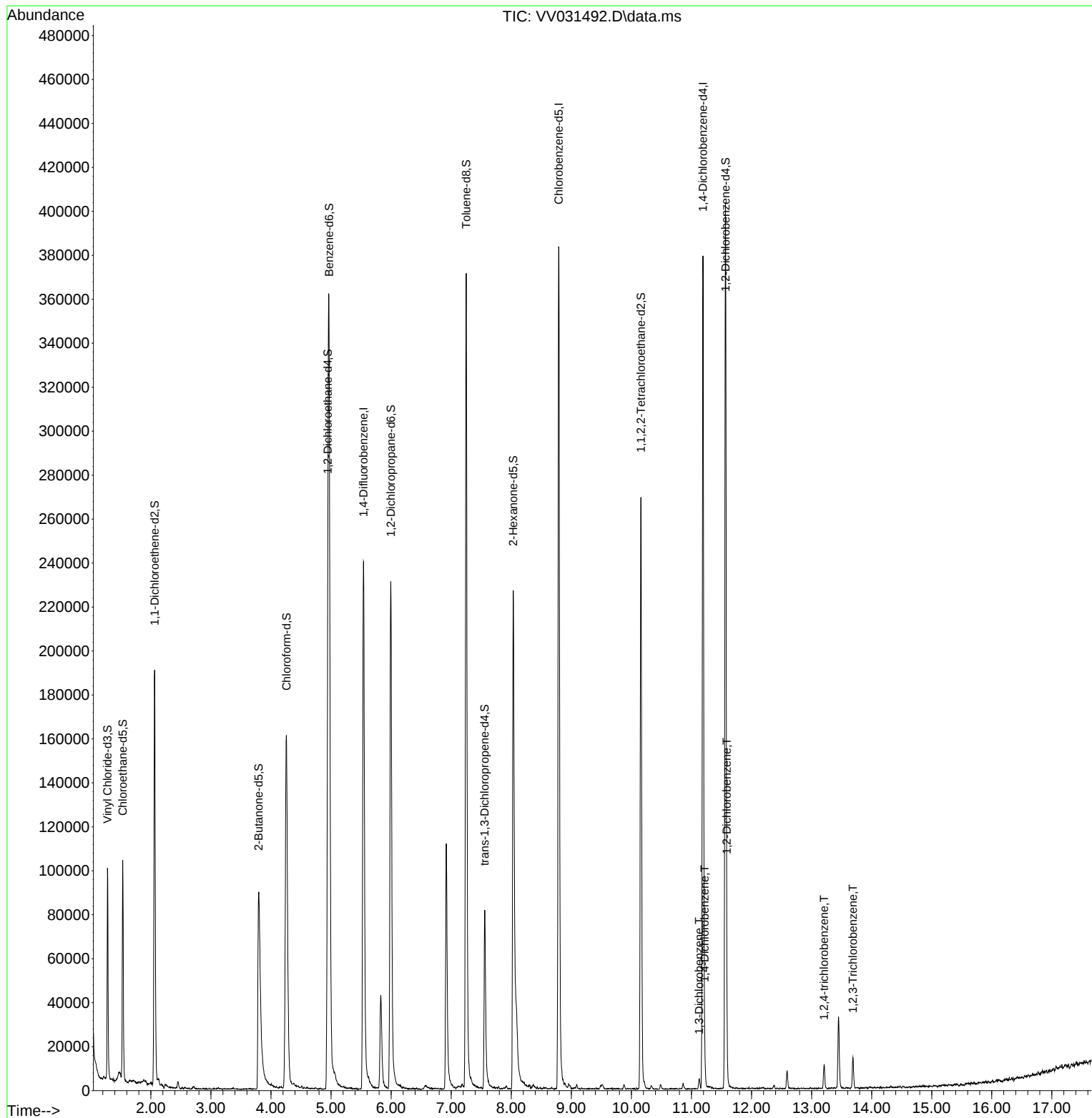
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	198318	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	204156	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94010	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64282	36.841	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.680%	
7) Chloroethane-d5	1.532	69	63820	45.177	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	90.360%	
11) 1,1-Dichloroethene-d2	2.063	65	33397	40.385	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.780%	
21) 2-Butanone-d5	3.793	46	152913	121.263	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	121.260%	
24) Chloroform-d	4.256	84	173290	52.211	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.420%	
26) 1,2-Dichloroethane-d4	4.947	65	127555	57.287	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	114.580%	
32) Benzene-d6	4.966	84	295590	49.040	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.080%	
36) 1,2-Dichloropropane-d6	5.995	67	113655	54.248	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	108.500%	
41) Toluene-d8	7.249	98	246067	44.441	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.880%	
43) trans-1,3-Dichloroprop...	7.558	79	49489	46.893	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.780%	
47) 2-Hexanone-d5	8.034	63	70499	89.341	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.340%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	128632	48.650	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	97.300%	
66) 1,2-Dichlorobenzene-d4	11.567	152	98923	56.724	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	113.440%	
Target Compounds						
64) 1,3-Dichlorobenzene	11.130	146	2015	0.733	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	2502	0.860	ug/L	93
67) 1,2-Dichlorobenzene	11.587	146	2405	0.853	ug/L #	79
70) 1,2,4-trichlorobenzene	13.210	180	3562	1.972	ug/L	91
72) 1,2,3-Trichlorobenzene	13.689	180	4268	2.358	ug/L	96

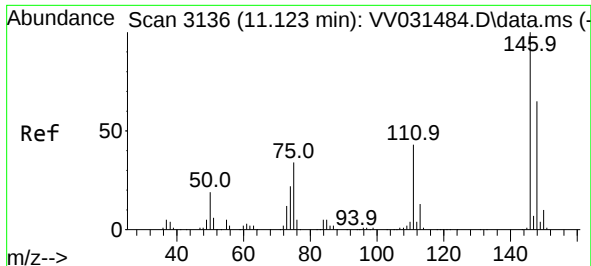
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 10 01:38:32 2023
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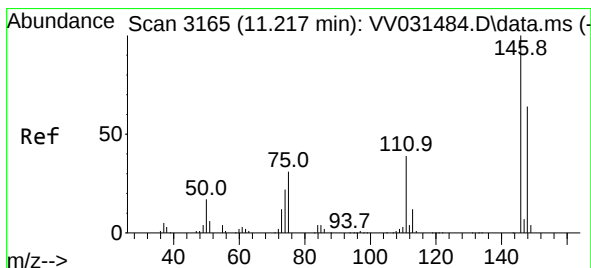
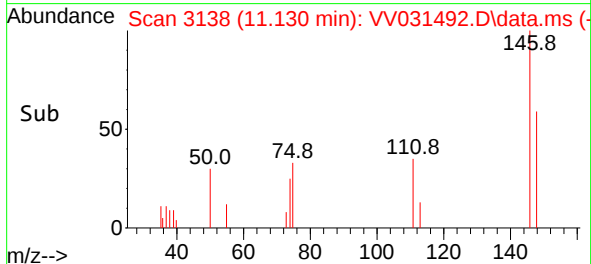
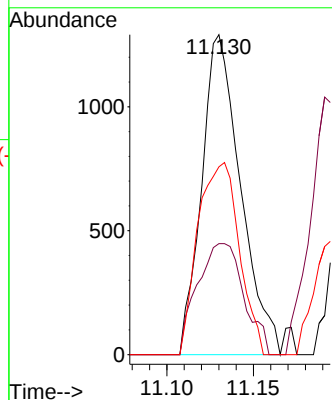
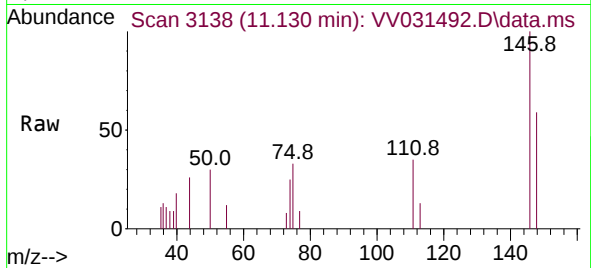




#64
1,3-Dichlorobenzene
Concen: 0.733 ug/L
RT: 11.130 min Scan# 3137
Delta R.T. 0.007 min
Lab File: VV031492.D
Acq: 09 Jun 2023 13:25

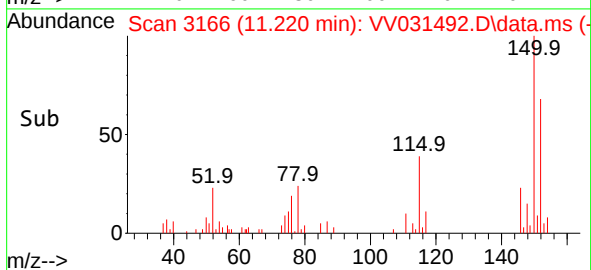
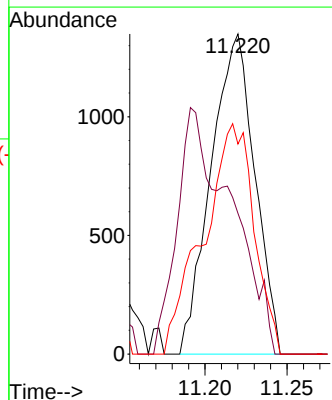
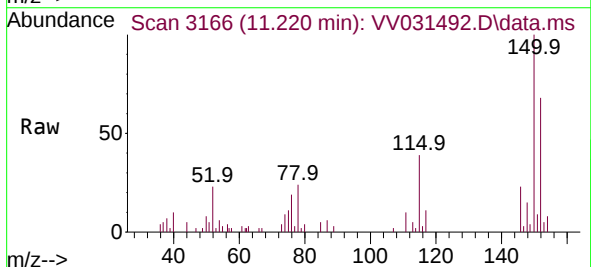
Instrument :
MSVOA_V
ClientSampleId :
VIBLK216

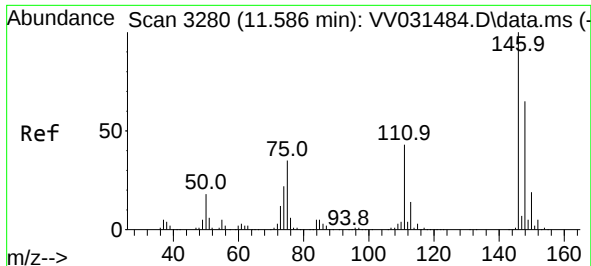
Tgt Ion:146 Resp: 2015
Ion Ratio Lower Upper
146 100
111 34.7 29.3 54.5
148 58.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.860 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV031492.D
Acq: 09 Jun 2023 13:25

Tgt Ion:146 Resp: 2502
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.3
148 72.5 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 0.853 ug/L

RT: 11.587 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031492.D

Acq: 09 Jun 2023 13:25

Instrument :

MSVOA_V

ClientSampleId :

VIBLK216

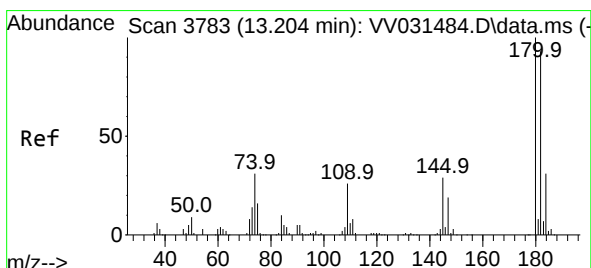
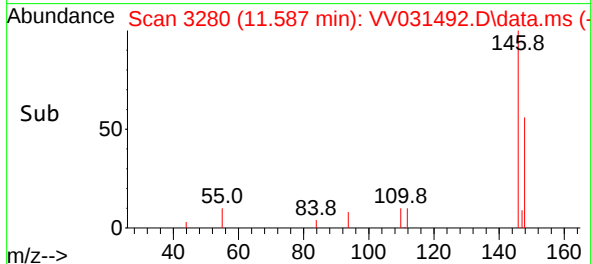
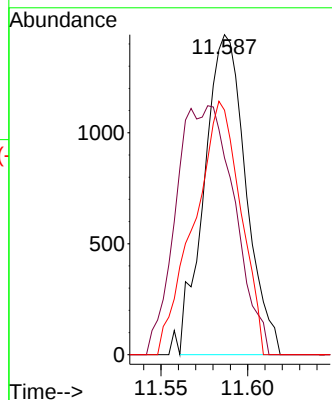
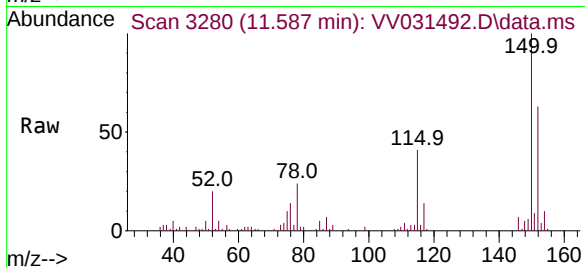
Tgt Ion:146 Resp: 2405

Ion Ratio Lower Upper

146 100

111 61.5 34.5 51.7#

148 76.4 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 1.972 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.007 min

Lab File: VV031492.D

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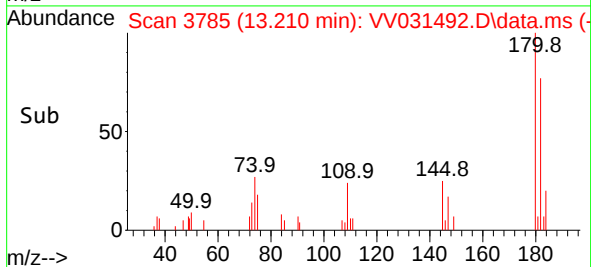
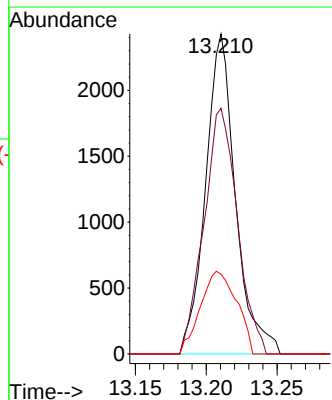
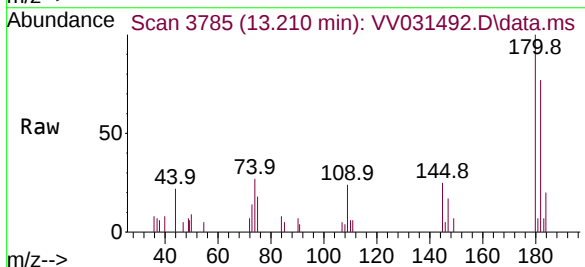
Tgt Ion:180 Resp: 3562

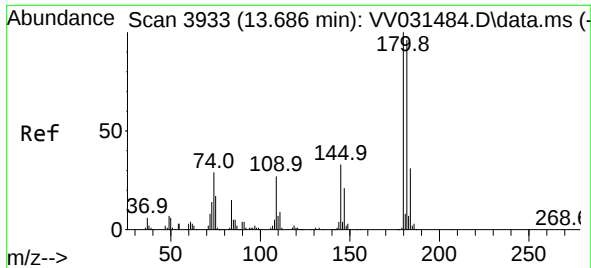
Ion Ratio Lower Upper

180 100

182 85.5 77.0 115.6

145 31.2 24.2 36.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.358 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.003 min
 Lab File: VV031492.D
 Acq: 09 Jun 2023 13:25

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK216

Tgt Ion:180 Resp: 4268

Ion	Ratio	Lower	Upper
180	100		
182	100.8	77.4	116.2
145	33.8	25.6	38.4

