

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030223\
 Data File : VU053178.D
 Acq On : 02 Mar 2023 11:28
 Operator : JC/MD
 Sample : 01745-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COLE9

Quant Time: Mar 03 01:45:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 03 01:44:16 2023
 Response via : Initial Calibration

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

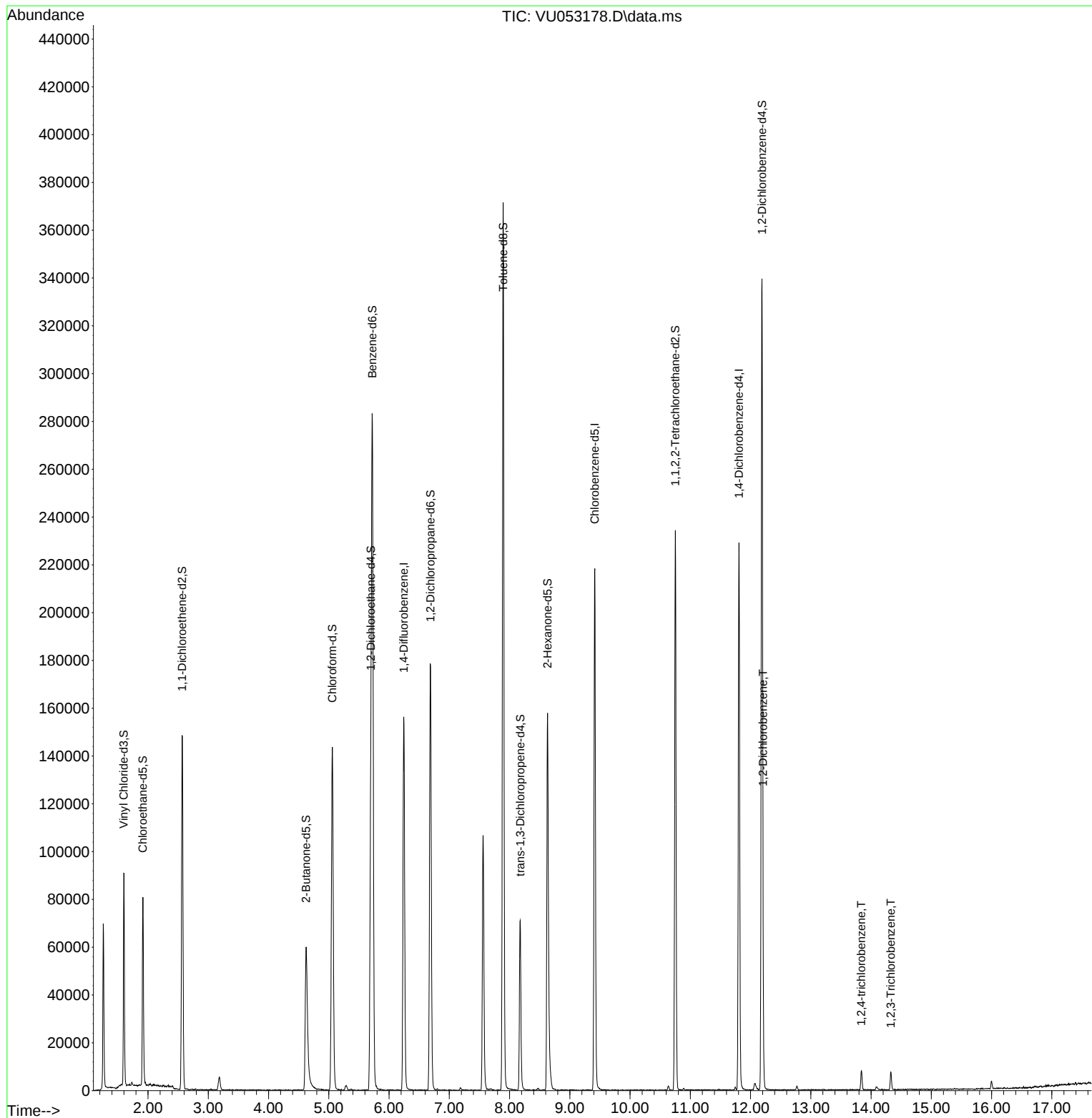
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	124527	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	118762	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57157	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	63066	55.130	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 110.260%			
7) Chloroethane-d5	1.913	69	56971	58.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 117.680%			
11) 1,1-Dichloroethene-d2	2.566	63	87294	44.488	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.980%			
21) 2-Butanone-d5	4.624	46	78805	131.811	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 131.810%#			
24) Chloroform-d	5.058	84	128934	63.892	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.780%#			
26) 1,2-Dichloroethane-d4	5.698	65	85626	66.724	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 133.440%#			
32) Benzene-d6	5.723	84	270540	63.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.720%#			
36) 1,2-Dichloropropane-d6	6.688	67	91082	65.807	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 131.620%#			
41) Toluene-d8	7.894	98	250166	63.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.540%#			
43) trans-1,3-Dichloroprop...	8.177	79	43123	61.175	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 122.340%			
47) 2-Hexanone-d5	8.630	63	57367	119.987	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 119.990%			
56) 1,1,2,2-Tetrachloroeth...	10.752	84	119224	64.721	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 129.440%#			
66) 1,2-Dichlorobenzene-d4	12.189	152	82160	64.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 129.320%#			
Target Compounds						Qvalue
67) 1,2-Dichlorobenzene	12.205	146	3690	1.954	ug/L #	79
70) 1,2,4-trichlorobenzene	13.839	180	2960	2.469	ug/L	90
72) 1,2,3-Trichlorobenzene	14.328	180	2641	2.194	ug/L	94

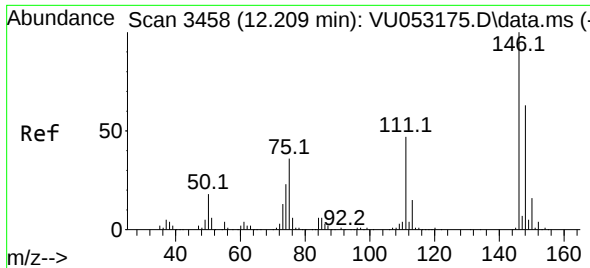
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#67

1,2-Dichlorobenzene

Concen: 1.954 ug/L

RT: 12.205 min Scan# 34

Delta R.T. -0.003 min

Lab File: VU053178.D

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MSVOA_U

ClientSampleId :

COLE9

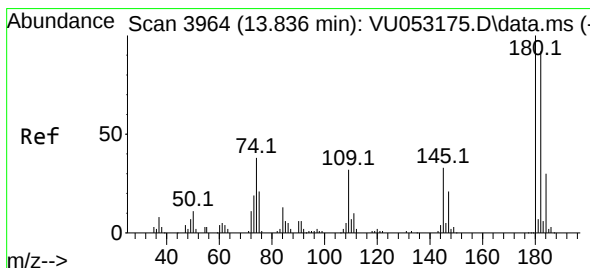
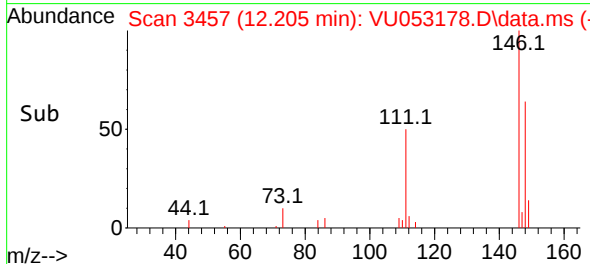
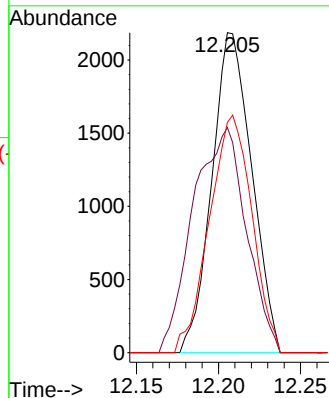
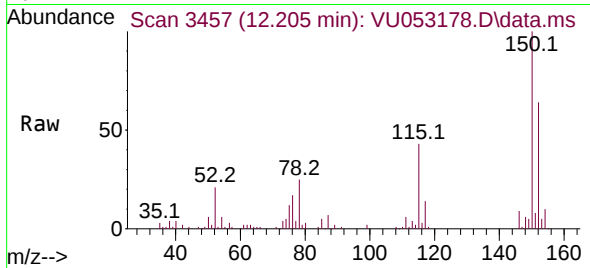
Tgt Ion:146 Resp: 3690

Ion Ratio Lower Upper

146 100

111 70.3 37.8 56.6#

148 72.0 50.4 75.6



#70

1,2,4-trichlorobenzene

Concen: 2.469 ug/L

RT: 13.839 min Scan# 3965

Delta R.T. 0.003 min

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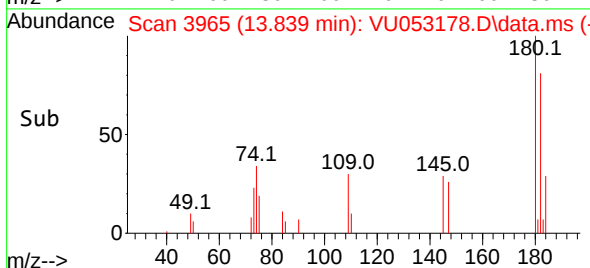
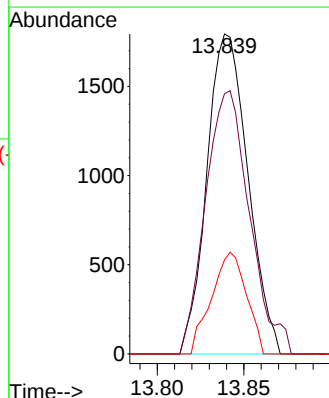
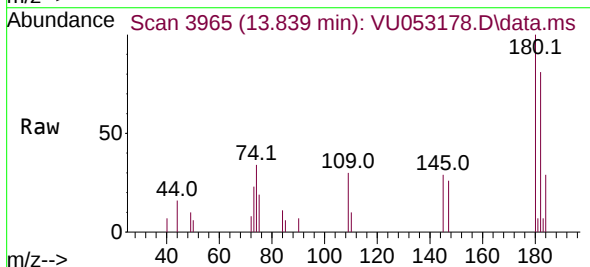
Tgt Ion:180 Resp: 2960

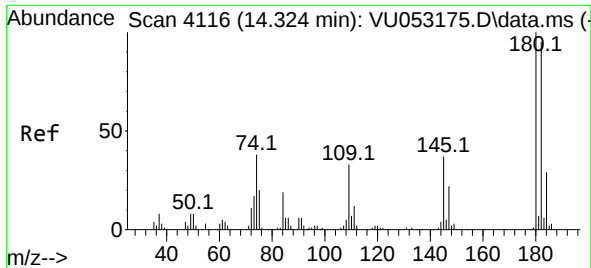
Ion Ratio Lower Upper

180 100

182 86.0 76.4 114.6

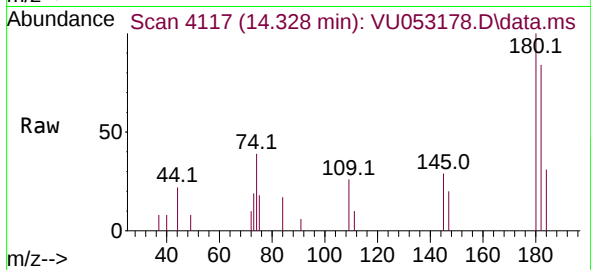
145 27.0 26.8 40.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.194 ug/L
 RT: 14.328 min Scan# 41
 Delta R.T. 0.003 min
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Tgt Ion:	180	Resp:	2641
Ion	Ratio	Lower	Upper
180	100		
182	88.4	75.4	113.2
145	31.4	28.2	42.2

