

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053556.D
 Acq On : 04 Apr 2023 12:56
 Operator : JC/MD
 Sample : 02158-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-1(20230328)

Quant Time: Apr 04 13:16:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

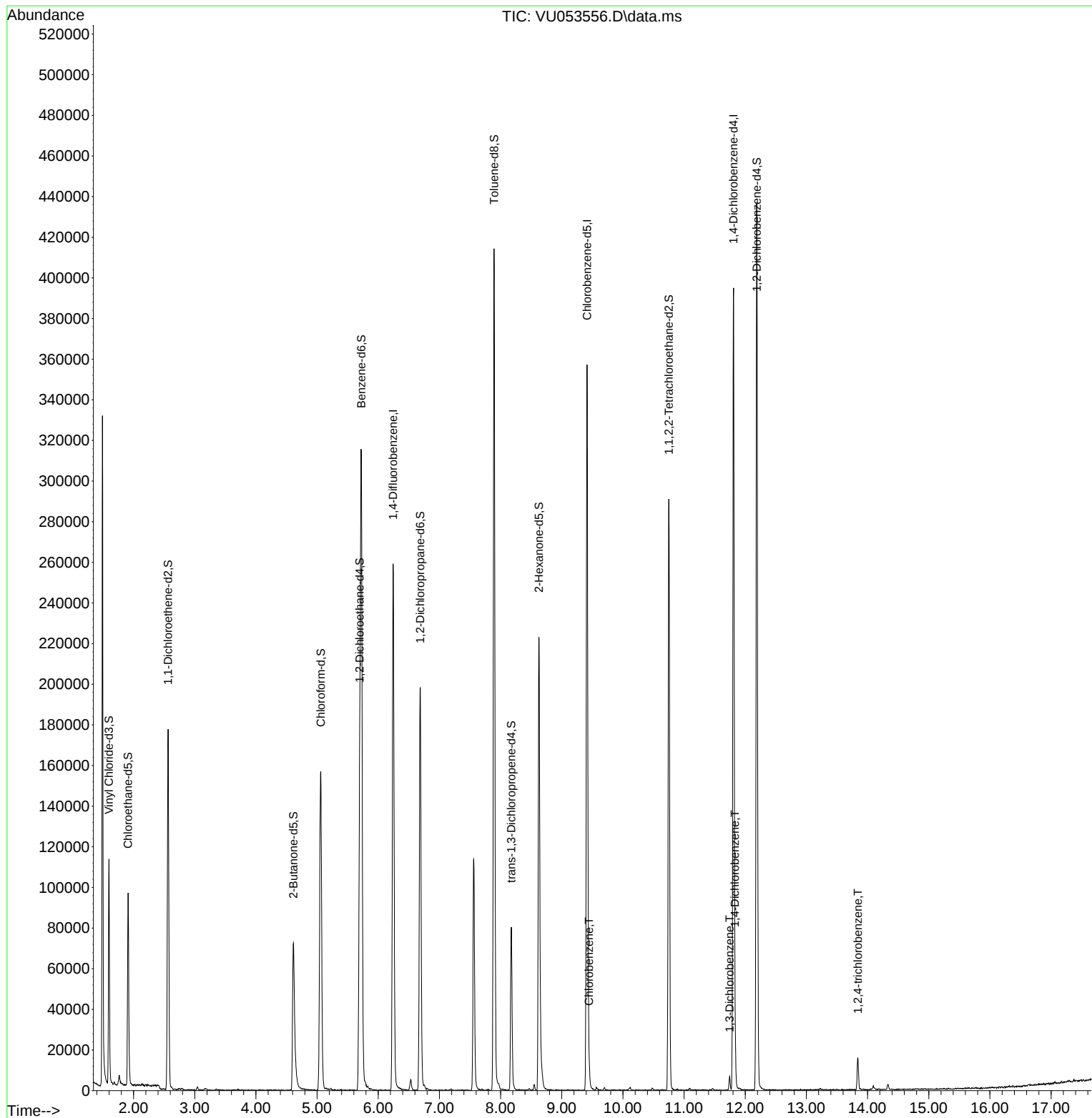
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	223424	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	211140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105742	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79103	45.469	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.940%
7) Chloroethane-d5	1.909	69	71436	53.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.520%
11) 1,1-Dichloroethene-d2	2.565	63	100301	37.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.480%
21) 2-Butanone-d5	4.613	46	104427	132.577	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	132.580%#
24) Chloroform-d	5.060	84	151276	52.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.160%
26) 1,2-Dichloroethane-d4	5.697	65	97132	57.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.260%
32) Benzene-d6	5.723	84	309047	54.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.460%
36) 1,2-Dichloropropane-d6	6.687	67	96057	55.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.280%
41) Toluene-d8	7.893	98	286537	50.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%
43) trans-1,3-Dichloroprop...	8.176	79	48182	53.583	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.160%
47) 2-Hexanone-d5	8.626	63	81321	136.784	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	136.780%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	140128	57.073	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.140%
66) 1,2-Dichlorobenzene-d4	12.189	152	115894	52.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.020%
Target Compounds						
					Qvalue	
51) Chlorobenzene	9.446	112	5580	1.299	ug/L #	86
64) 1,3-Dichlorobenzene	11.745	146	3195	0.978	ug/L	89
65) 1,4-Dichlorobenzene	11.832	146	9784	2.939	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	5908	2.634	ug/L #	89

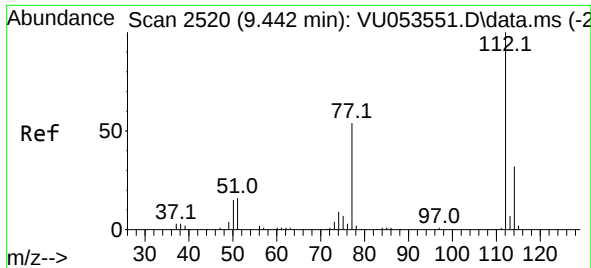
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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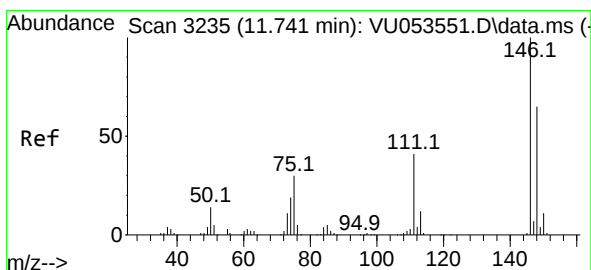
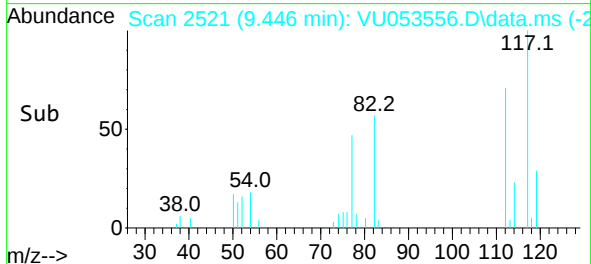
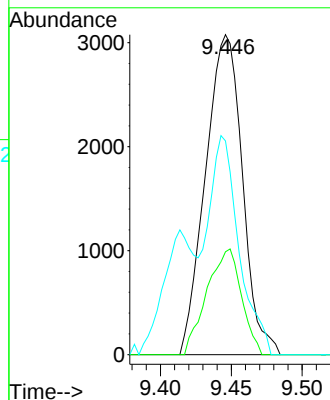
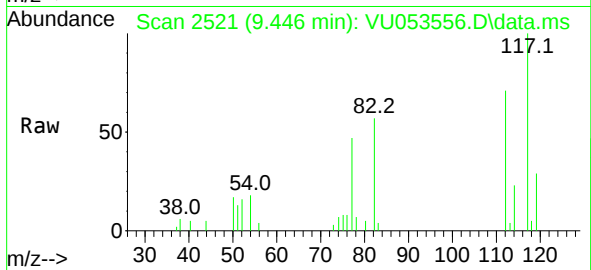




#51
Chlorobenzene
Concen: 1.299 ug/L
RT: 9.446 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053556.D
Acq: 04 Apr 2023 12:56

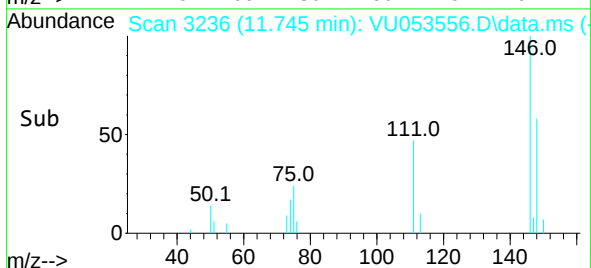
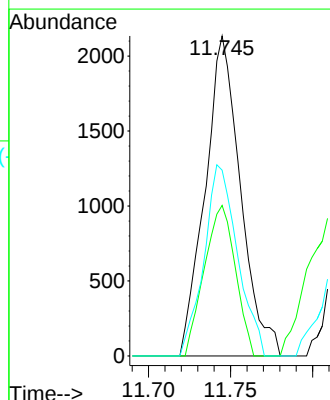
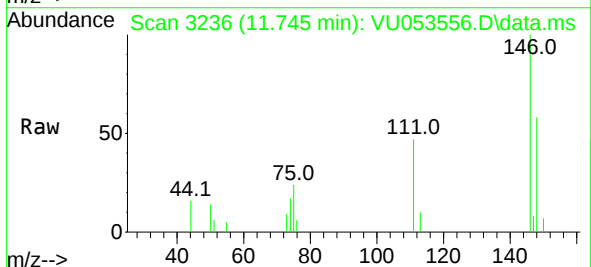
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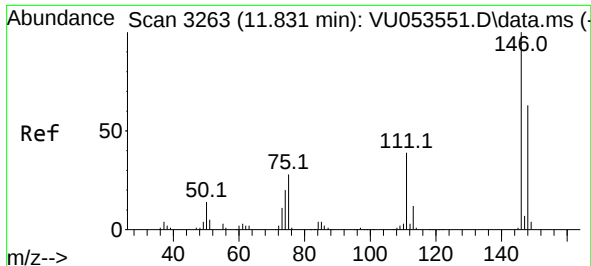
Tgt Ion:112 Resp: 5580
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 66.8 41.3 61.9#



#64
1,3-Dichlorobenzene
Concen: 0.978 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053556.D
Acq: 04 Apr 2023 12:56

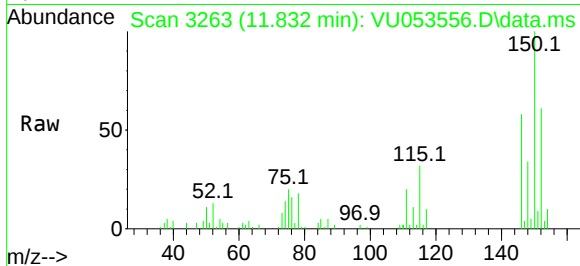
Tgt Ion:146 Resp: 3195
Ion Ratio Lower Upper
146 100
111 47.0 25.7 47.7
148 58.1 44.2 82.2



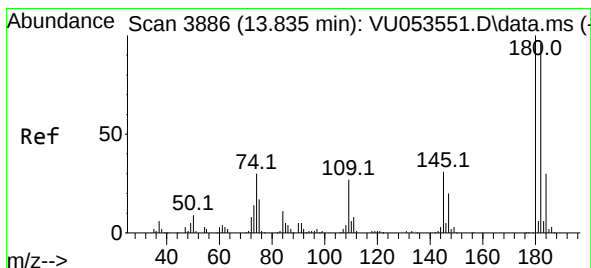
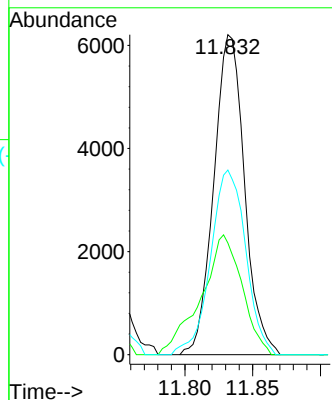
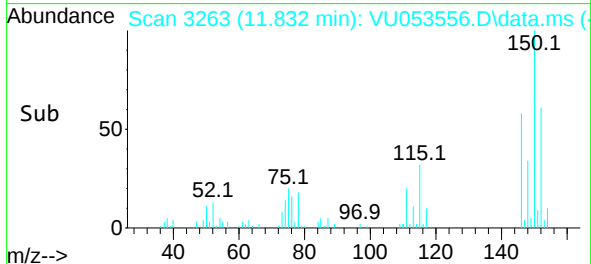


#65
1,4-Dichlorobenzene
Concen: 2.939 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053556.D
Acq: 04 Apr 2023 12:56

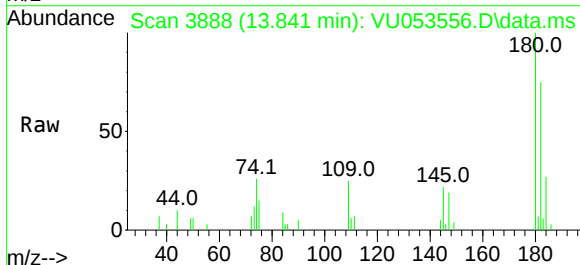
Instrument :
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ClientSampleId :
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Tgt Ion:146 Resp: 9784
Ion Ratio Lower Upper
146 100
111 34.9 25.1 46.5
148 57.7 44.3 82.3



#70
1,2,4-trichlorobenzene
Concen: 2.634 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.007 min
Lab File: VU053556.D
Acq: 04 Apr 2023 12:56



Tgt Ion:180 Resp: 5908
Ion Ratio Lower Upper
180 100
182 88.1 75.8 113.8
145 15.5 23.4 35.2#

