

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053547.D
 Acq On : 04 Apr 2023 02:43
 Operator : JC/MD
 Sample : 02158-27
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1(20230328)

Quant Time: Apr 04 06:58:53 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)

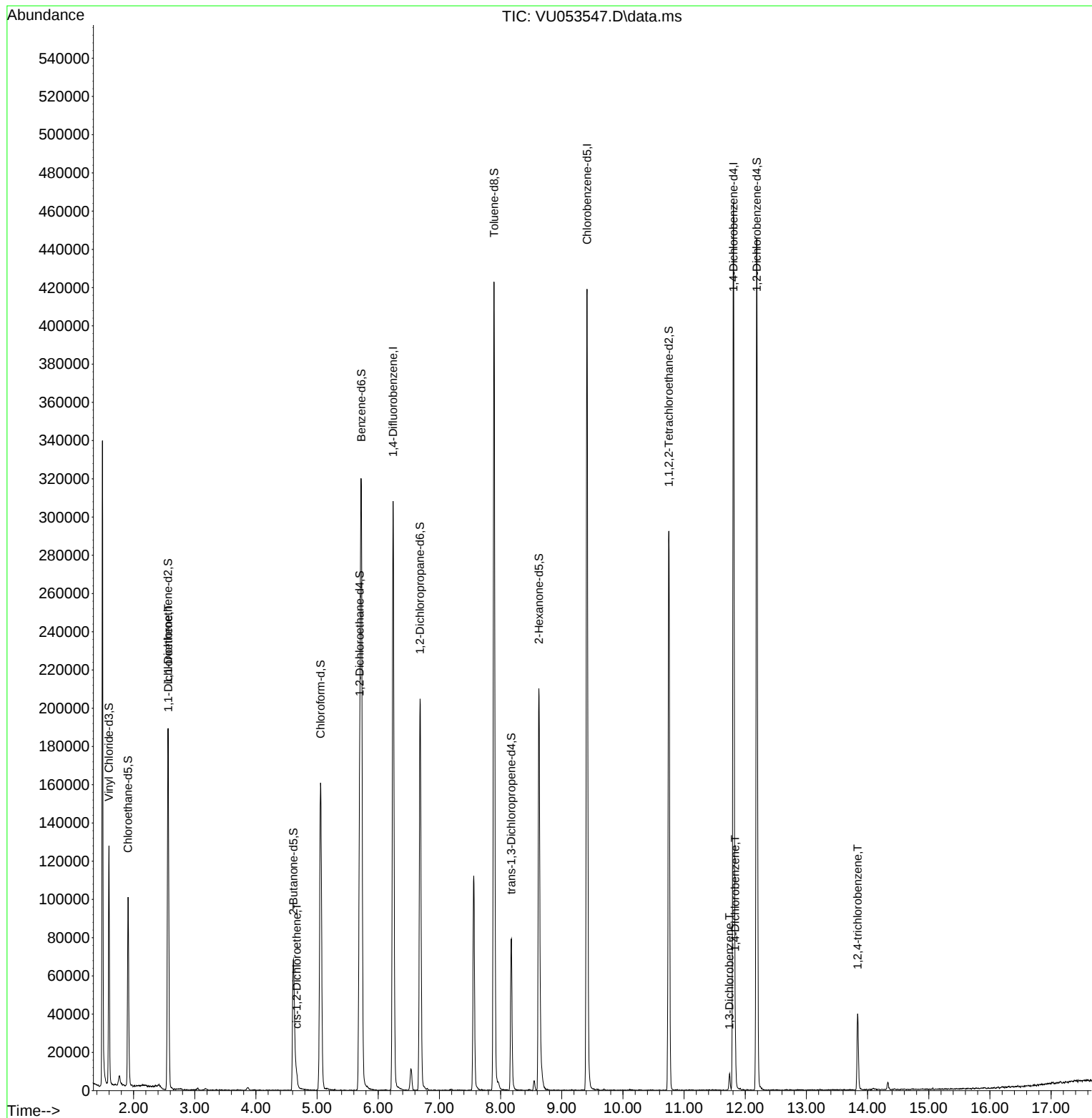
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	264518	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247932	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	125315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85733	41.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.909	69	75302	47.417	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.840%		
11) 1,1-Dichloroethene-d2	2.565	63	106693	33.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.920%		
21) 2-Butanone-d5	4.613	46	100180	107.427	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.430%		
24) Chloroform-d	5.057	84	153823	45.157	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.320%		
26) 1,2-Dichloroethane-d4	5.697	65	101280	50.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.640%		
32) Benzene-d6	5.723	84	317174	47.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.780%		
36) 1,2-Dichloropropane-d6	6.684	67	101859	49.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.600%		
41) Toluene-d8	7.893	98	293639	44.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.300%		
43) trans-1,3-Dichloroprop...	8.176	79	45627	43.212	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.420%		
47) 2-Hexanone-d5	8.626	63	77593	111.146	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.150%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	142718	49.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.000%		
66) 1,2-Dichlorobenzene-d4	12.189	152	117727	45.007	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.020%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	1608	0.991	ug/L #	1
20) cis-1,2-Dichloroethene	4.668	96	2687	1.426	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	3963	1.024	ug/L	86
65) 1,4-Dichlorobenzene	11.835	146	11813	2.994	ug/L	91
70) 1,2,4-trichlorobenzene	13.838	180	13760	5.177	ug/L	99

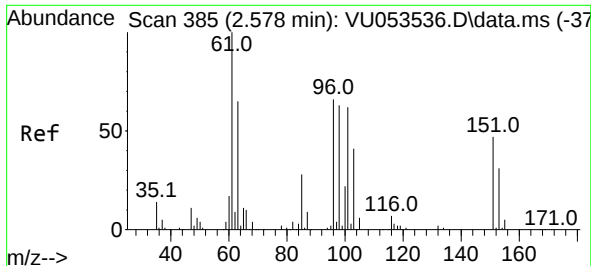
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.991 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.010 min

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ClientSampleId :

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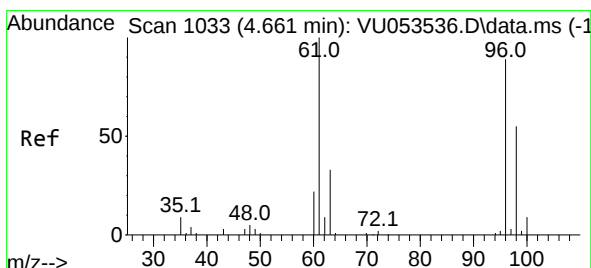
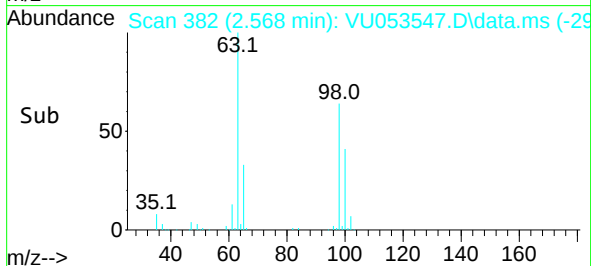
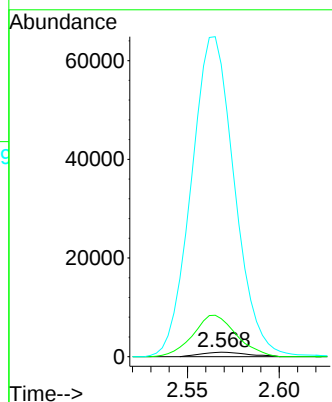
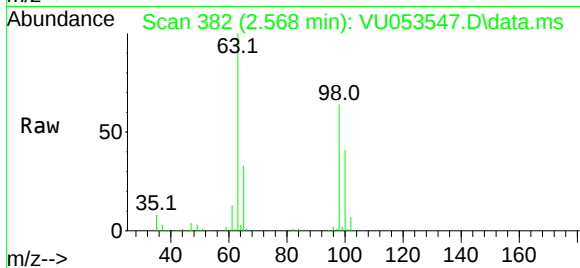
Tgt Ion: 96 Resp: 1608

Ion Ratio Lower Upper

96 100

61 854.3 107.9 200.5#

63 6554.7 79.1 146.9#



#20

cis-1,2-Dichloroethene

Concen: 1.426 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.007 min

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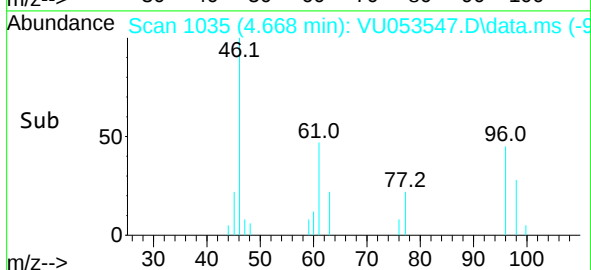
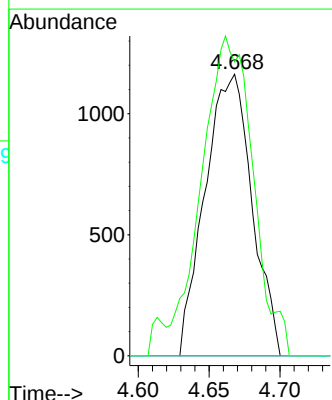
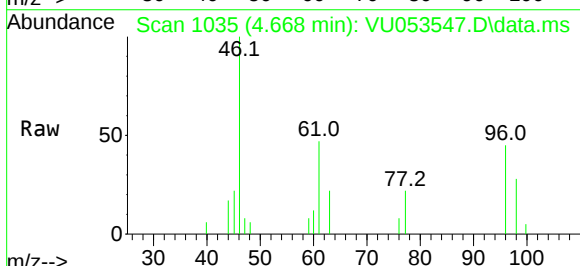
Tgt Ion: 96 Resp: 2687

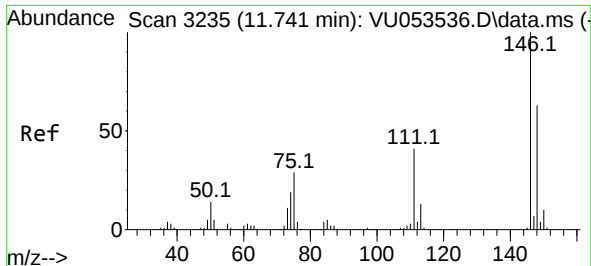
Ion Ratio Lower Upper

96 100

61 104.4 74.7 138.7

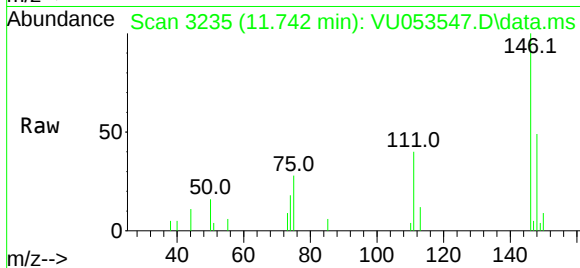
68 0.0 0.0 0.0



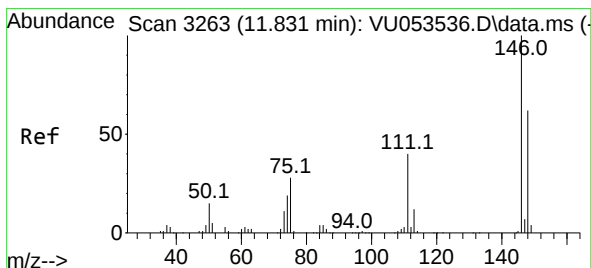
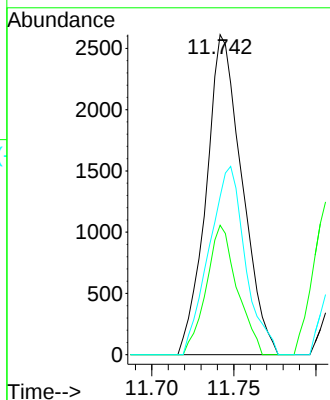
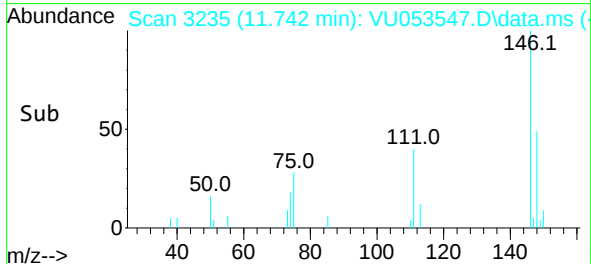


#64
1,3-Dichlorobenzene
Concen: 1.024 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053547.D
Acq: 04 Apr 2023 02:43

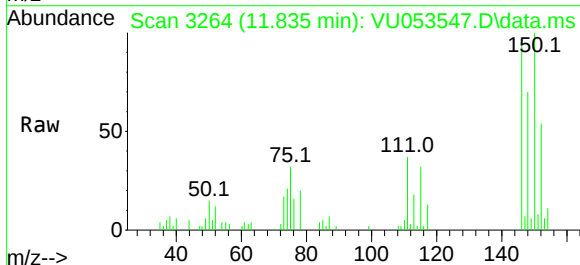
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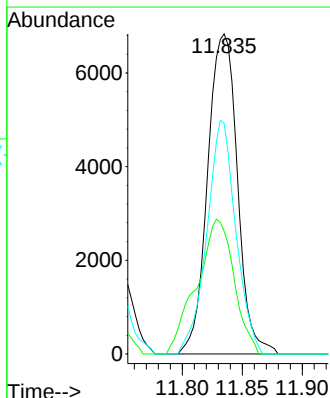
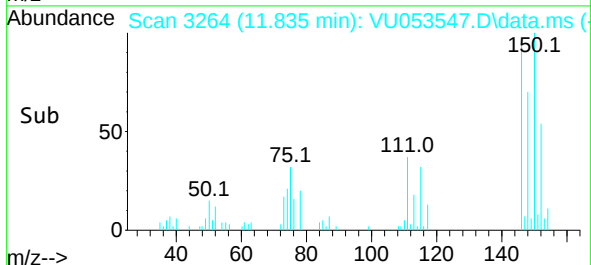
Tgt Ion:146 Resp: 3963
Ion Ratio Lower Upper
146 100
111 40.5 25.7 47.7
148 49.4 44.2 82.2

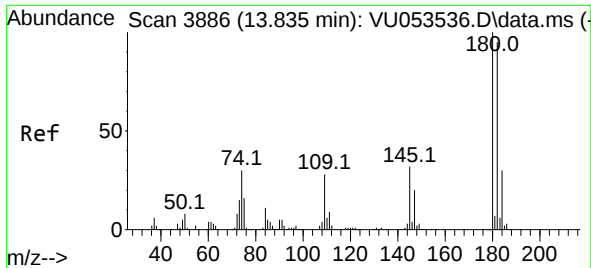


#65
1,4-Dichlorobenzene
Concen: 2.994 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053547.D
Acq: 04 Apr 2023 02:43



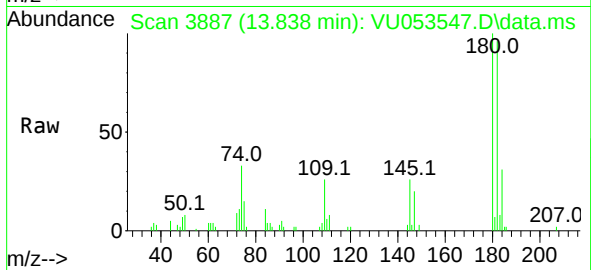
Tgt Ion:146 Resp: 11813
Ion Ratio Lower Upper
146 100
111 38.3 25.1 46.5
148 72.1 44.3 82.3





#70
 1,2,4-trichlorobenzene
 Concen: 5.177 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.003 min
 Lab File: VU053547.D
 Acq: 04 Apr 2023 02:43

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-1(20230328)



Tgt Ion:180 Resp: 13760
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.8
 145 27.1 23.4 35.2

