

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030223\
 Data File : VU053187.D
 Acq On : 02 Mar 2023 15:13
 Operator : JC/MD
 Sample : 01745-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Mar 03 01:47:29 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)

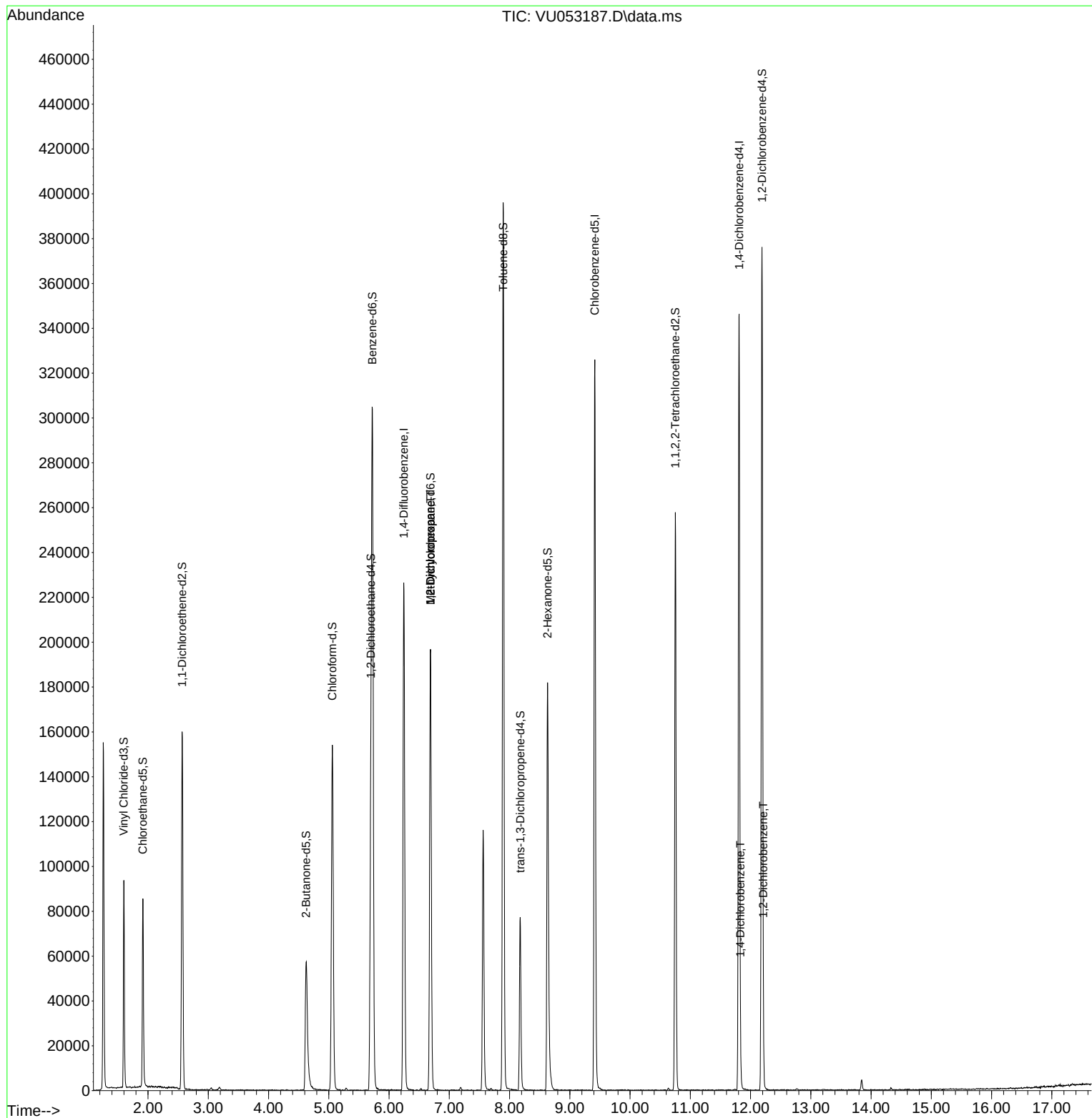
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	180903	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	85605	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	64913	39.061	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.120%		
7) Chloroethane-d5	1.913	69	60416	42.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.920%		
11) 1,1-Dichloroethene-d2	2.566	63	94307	33.084	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.160%		
21) 2-Butanone-d5	4.624	46	92048	105.982	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.980%		
24) Chloroform-d	5.058	84	140212	47.828	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
26) 1,2-Dichloroethane-d4	5.698	65	92085	49.395	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.800%		
32) Benzene-d6	5.723	84	289993	46.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.020%		
36) 1,2-Dichloropropane-d6	6.688	67	96874	47.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.120%		
41) Toluene-d8	7.894	98	268806	46.559	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.120%		
43) trans-1,3-Dichloroprop...	8.177	79	45518	43.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
47) 2-Hexanone-d5	8.630	63	68108	96.791	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.790%		
56) 1,1,2,2-Tetrachloroeth...	10.752	84	128048	47.230	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.460%		
66) 1,2-Dichlorobenzene-d4	12.189	152	90503	47.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.120%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.688	83	22349	8.088	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	10297	6.073	ug/L #	90
65) 1,4-Dichlorobenzene	11.832	146	2569	0.905	ug/L	94
67) 1,2-Dichlorobenzene	12.212	146	3036	1.073	ug/L	96

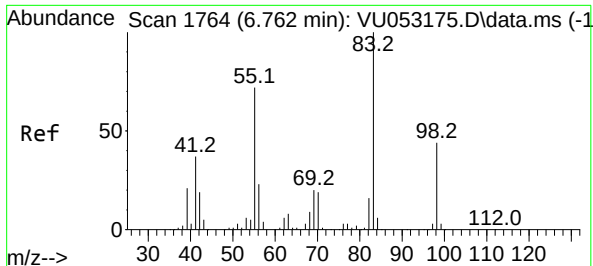
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.088 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.074 min

Lab File: VU053187.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

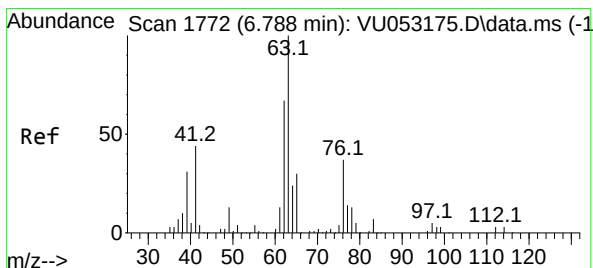
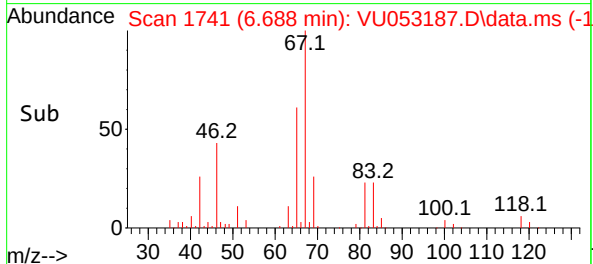
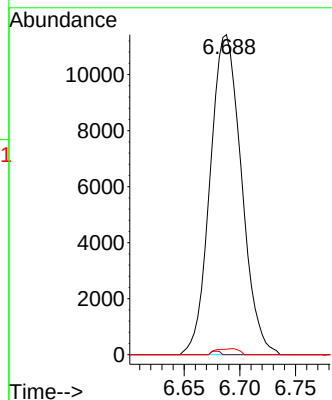
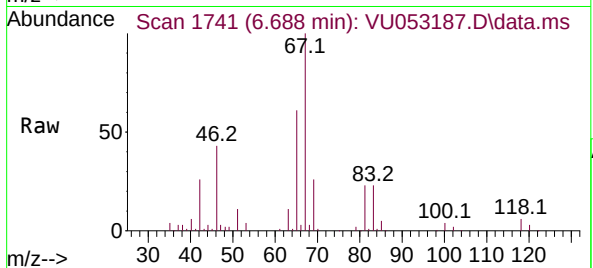
Tgt Ion: 83 Resp: 22349

Ion Ratio Lower Upper

83 100

55 0.3 57.4 86.2#

98 0.6 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 6.073 ug/L

RT: 6.688 min Scan# 1741

Delta R.T. -0.100 min

Lab File: VU053187.D

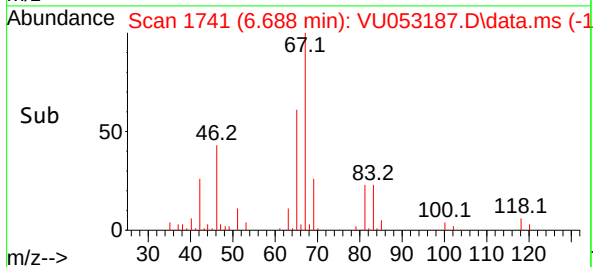
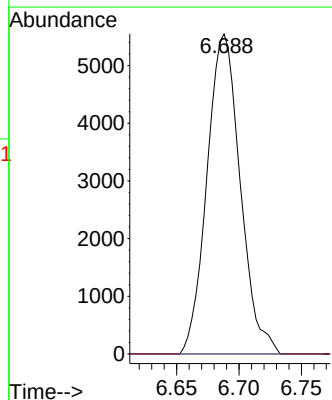
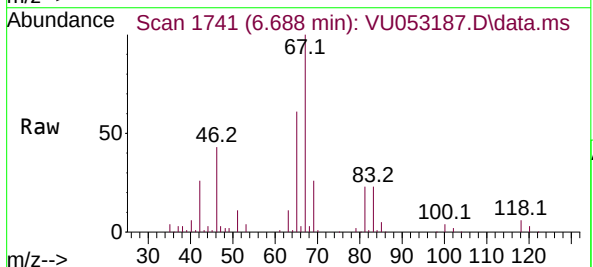
Acq: 02 Mar 2023 15:13

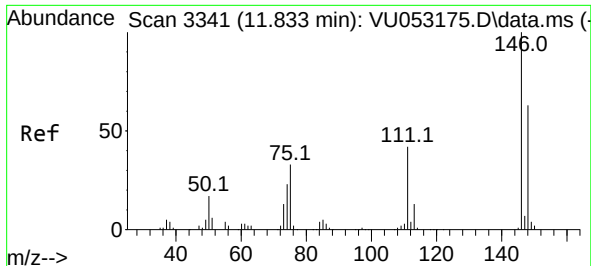
Tgt Ion: 63 Resp: 10297

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#

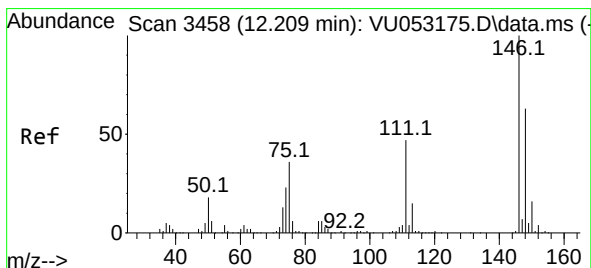
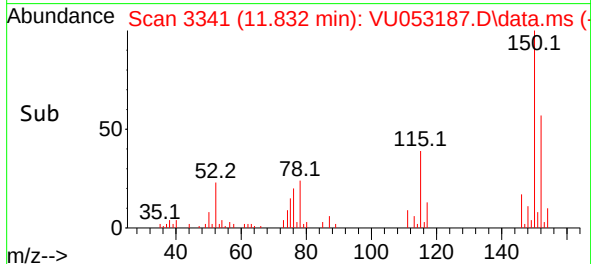
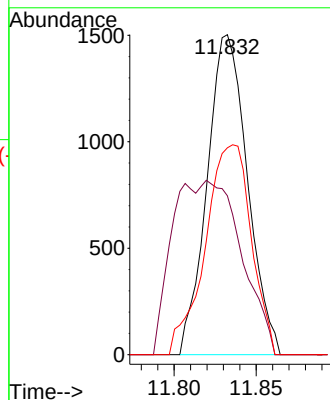
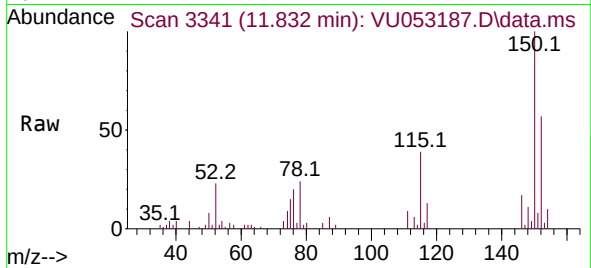




#65
1,4-Dichlorobenzene
Concen: 0.905 ug/L
RT: 11.832 min Scan# 311
Delta R.T. -0.000 min
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Tgt Ion:146 Resp: 2569
Ion Ratio Lower Upper
146 100
111 49.6 29.9 55.5
148 64.7 44.0 81.6



#67
1,2-Dichlorobenzene
Concen: 1.073 ug/L
RT: 12.212 min Scan# 3459
Delta R.T. 0.003 min
Lab File: VU053187.D
Acq: 02 Mar 2023 15:13

Tgt Ion:146 Resp: 3036
Ion Ratio Lower Upper
146 100
111 52.6 37.8 56.6
148 62.7 50.4 75.6

