

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053558.D
 Acq On : 04 Apr 2023 13:40
 Operator : JC/MD
 Sample : 02158-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2(20230330)

Quant Time: Apr 04 14:36:59 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)

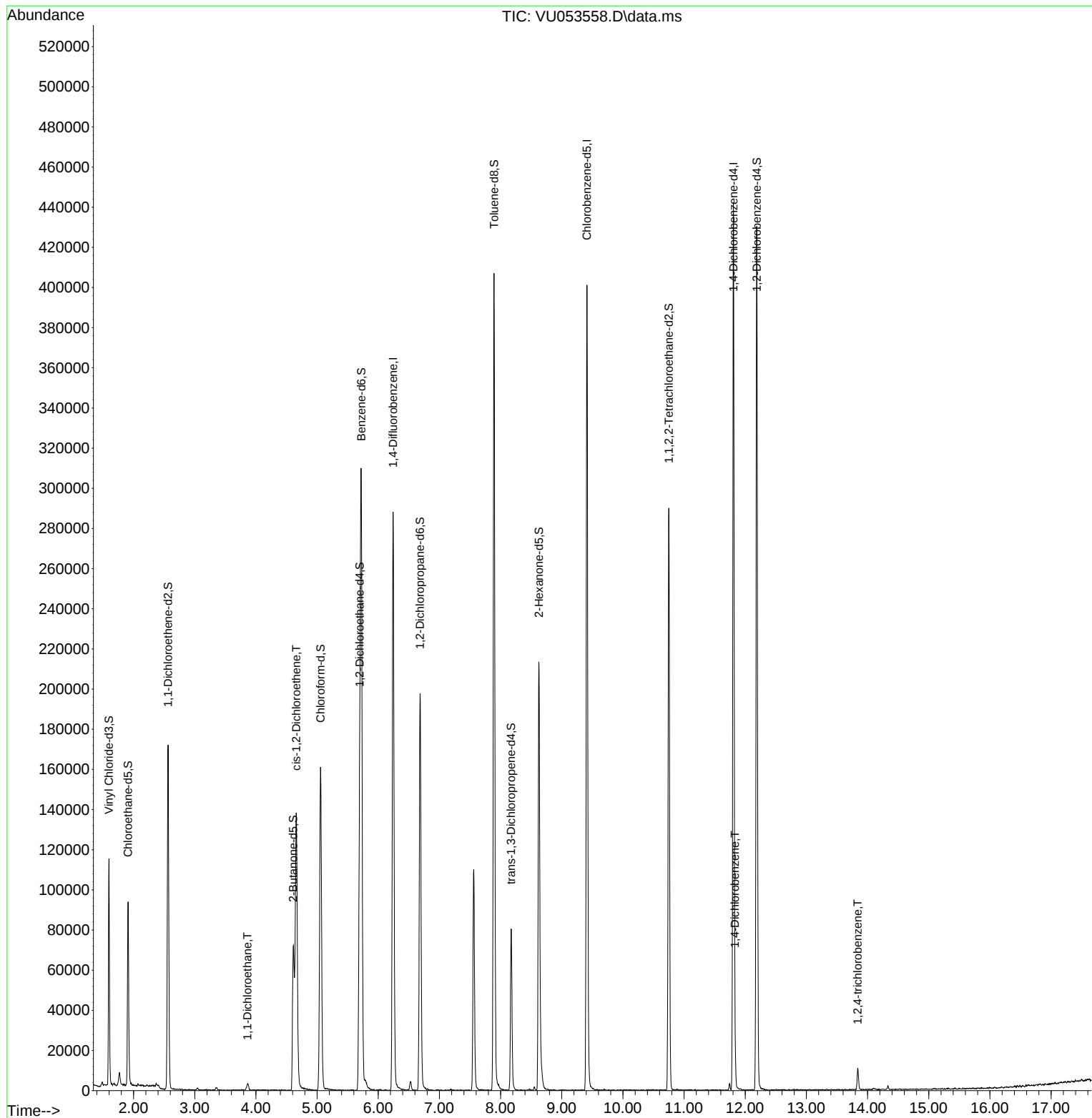
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	247959	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.410	117	232616	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	119787	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78302	40.555	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.100%		
7) Chloroethane-d5	1.909	69	68411	45.955	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.900%		
11) 1,1-Dichloroethene-d2	2.562	63	97705	32.691	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.380%		
21) 2-Butanone-d5	4.610	46	100996	115.534	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	115.530%		
24) Chloroform-d	5.057	84	147066	46.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.120%		
26) 1,2-Dichloroethane-d4	5.697	65	96164	50.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.940%		
32) Benzene-d6	5.722	84	298566	47.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.100%		
36) 1,2-Dichloropropane-d6	6.684	67	96004	50.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.040%		
41) Toluene-d8	7.893	98	280427	44.935	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.880%		
43) trans-1,3-Dichloroprop...	8.173	79	46104	46.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.080%		
47) 2-Hexanone-d5	8.626	63	76451	116.720	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.720%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	139217	51.467	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.940%		
66) 1,2-Dichlorobenzene-d4	12.188	152	117768	47.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.200%		
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.861	63	4163	1.644	ug/L #	95
20) cis-1,2-Dichloroethene	4.661	96	72923	41.288	ug/L	91
65) 1,4-Dichlorobenzene	11.832	146	6419	1.702	ug/L #	88
70) 1,2,4-trichlorobenzene	13.838	180	4334	1.706	ug/L	98

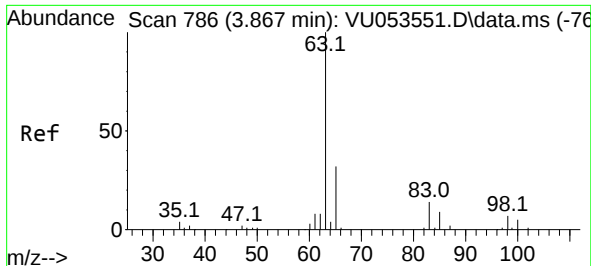
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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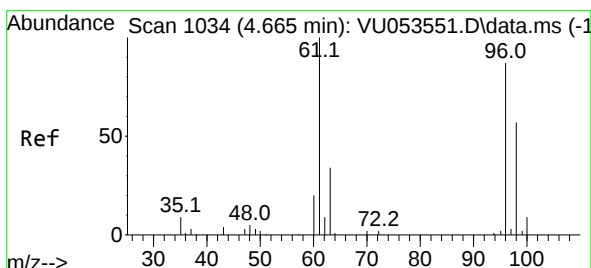
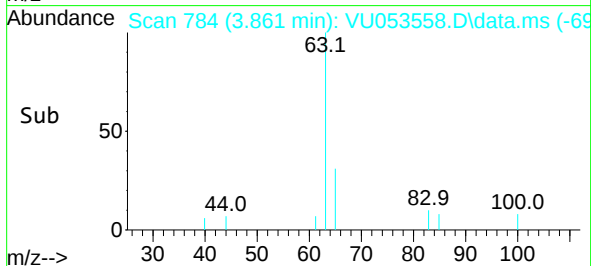
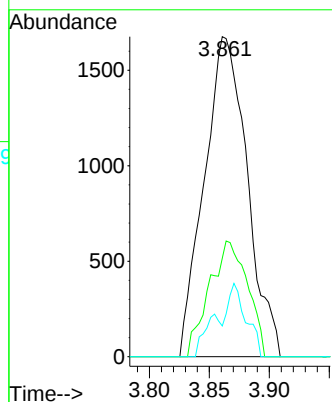
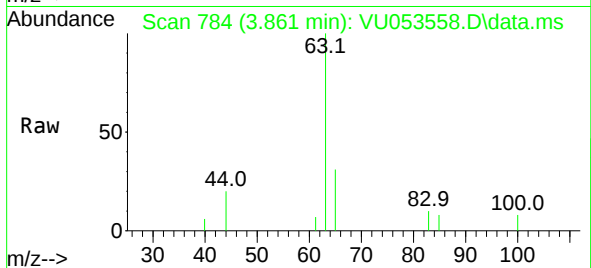




#19
1,1-Dichloroethane
Concen: 1.644 ug/L
RT: 3.861 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU053558.D
Acq: 04 Apr 2023 13:40

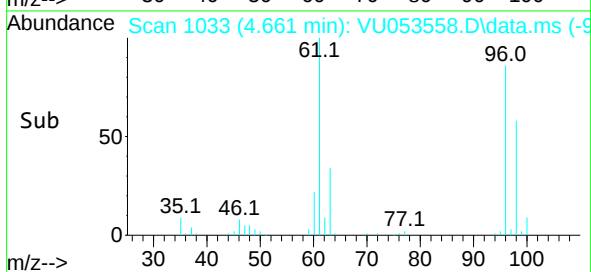
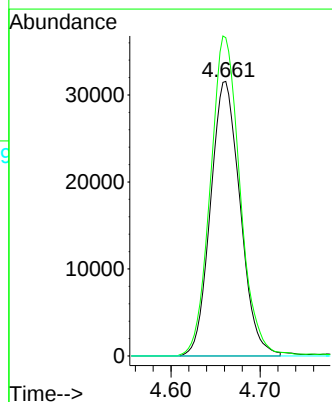
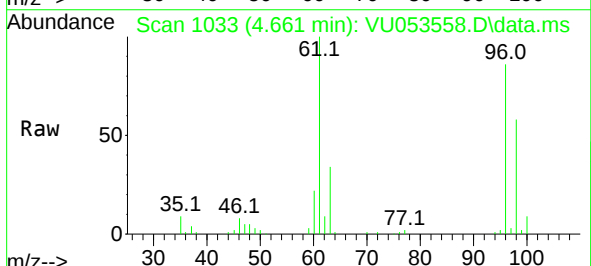
Instrument :
MSVOA_U
ClientSampleId :
MW-2(20230330)

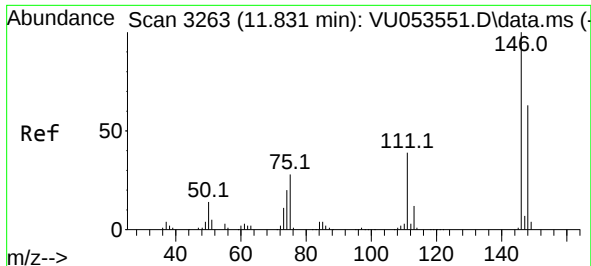
Tgt Ion: 63 Resp: 4163
Ion Ratio Lower Upper
63 100
65 30.8 22.0 41.0
83 9.6 10.8 20.0#



#20
cis-1,2-Dichloroethene
Concen: 41.288 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053558.D
Acq: 04 Apr 2023 13:40

Tgt Ion: 96 Resp: 72923
Ion Ratio Lower Upper
96 100
61 115.9 74.7 138.7
68 0.0 0.0 0.0

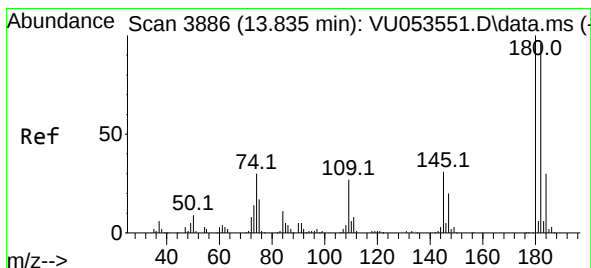
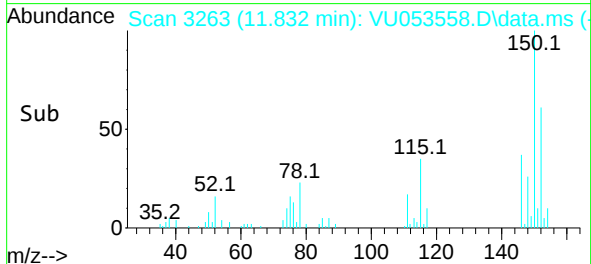
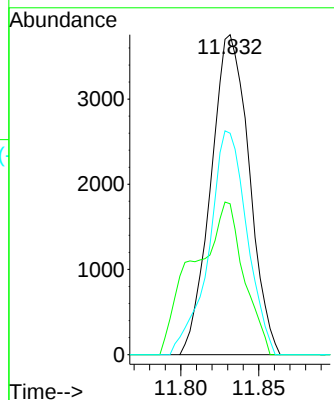
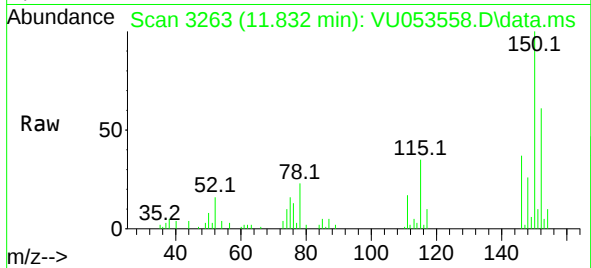




#65
1,4-Dichlorobenzene
Concen: 1.702 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053558.D
Acq: 04 Apr 2023 13:40

Instrument :
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ClientSampleId :
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Tgt Ion:146 Resp: 6419
Ion Ratio Lower Upper
146 100
111 47.1 25.1 46.5#
148 69.2 44.3 82.3



#70
1,2,4-trichlorobenzene
Concen: 1.706 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053558.D
Acq: 04 Apr 2023 13:40

Tgt Ion:180 Resp: 4334
Ion Ratio Lower Upper
180 100
182 92.7 75.8 113.8
145 30.1 23.4 35.2

