

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052914.D
 Acq On : 01 Feb 2023 18:39
 Operator : JC/MD
 Sample : 01381-12 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M2

Quant Time: Feb 01 20:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

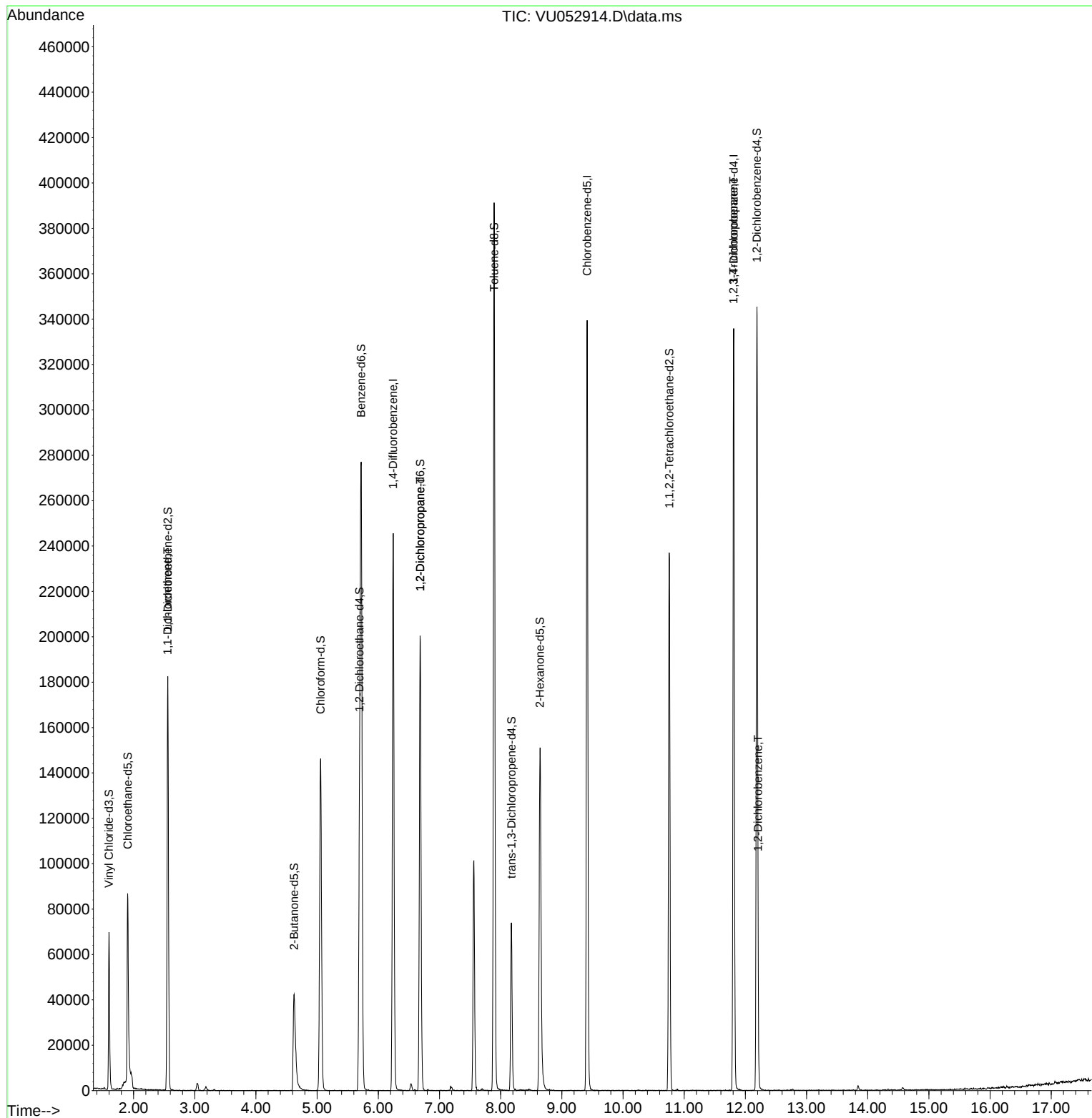
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	212364	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	204709	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98556	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55214	36.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.240%
7) Chloroethane-d5	1.903	69	64650	51.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.660%
11) 1,1-Dichloroethene-d2	2.559	63	105818	34.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.620%
21) 2-Butanone-d5	4.623	46	63920	67.695	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.700%
24) Chloroform-d	5.057	84	141829	43.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.960%
26) 1,2-Dichloroethane-d4	5.694	65	91856	44.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.200%
32) Benzene-d6	5.719	84	269921	43.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.320%
36) 1,2-Dichloropropane-d6	6.684	67	89386	48.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.460%
41) Toluene-d8	7.893	98	262527	46.098	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.176	79	43173	46.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.920%
47) 2-Hexanone-d5	8.642	63	57646	89.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	111186	41.027	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.060%
66) 1,2-Dichlorobenzene-d4	12.189	152	98286	51.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.720%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.555	96	978	0.623	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	10301	6.013	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	8816	4.611	ug/L #	65
67) 1,2-Dichlorobenzene	12.208	146	3780	1.164	ug/L	91

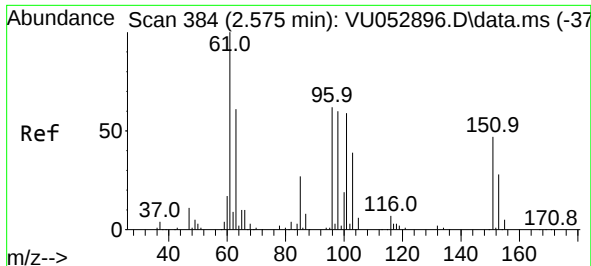
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.623 ug/L

RT: 2.555 min Scan# 31

Delta R.T. -0.019 min

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Instrument :

MSVOA_U

ClientSampleId :

A44M2

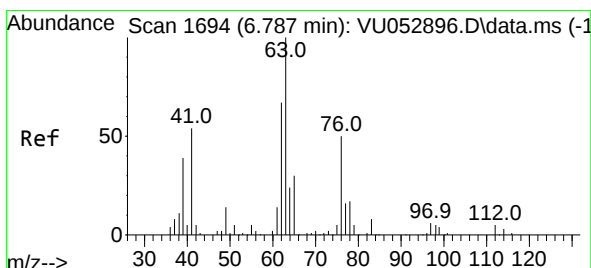
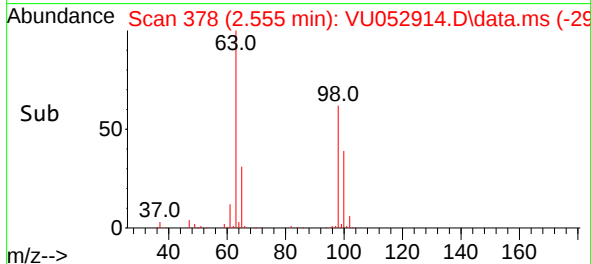
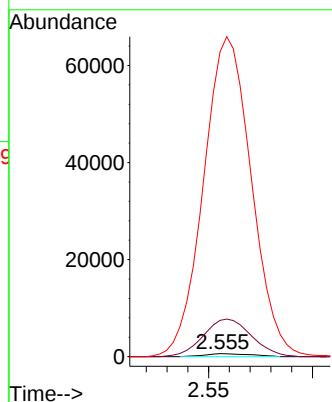
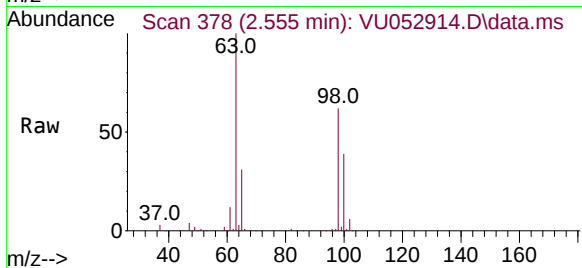
Tgt Ion: 96 Resp: 978

Ion Ratio Lower Upper

96 100

61 1185.9 114.3 212.3#

63 9951.2 80.6 149.6#



#37

1,2-Dichloropropane

Concen: 6.013 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU052914.D

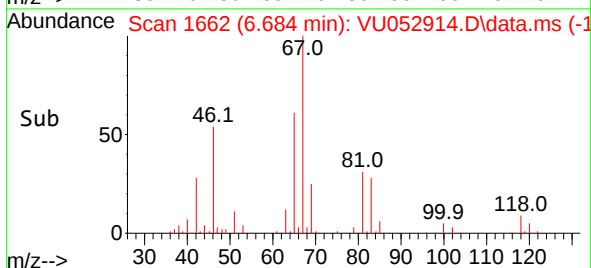
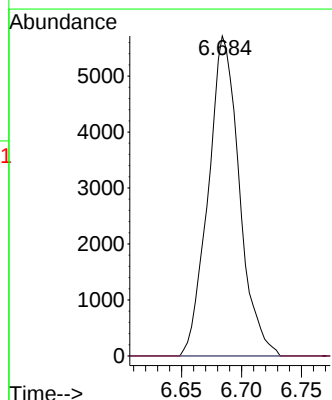
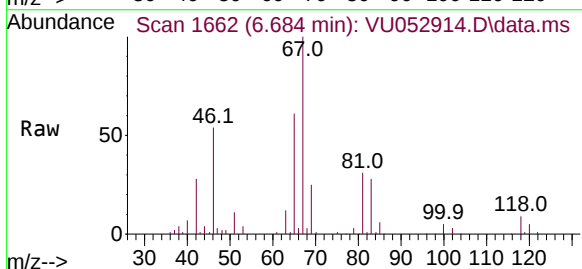
Acq: 01 Feb 2023 18:39

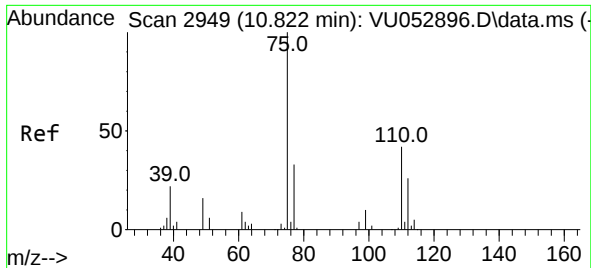
Tgt Ion: 63 Resp: 10301

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

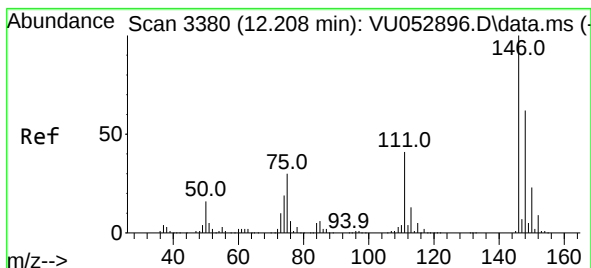
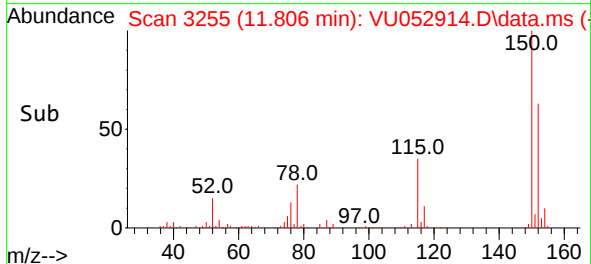
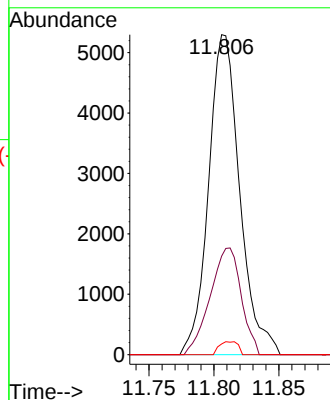
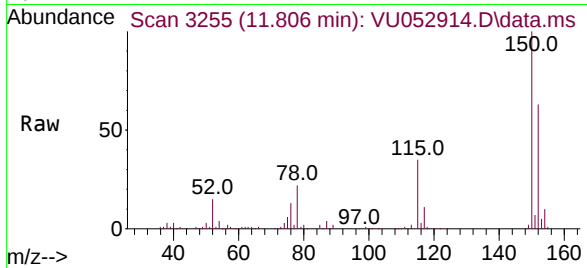




#60
1,2,3-Trichloropropane
Concen: 4.611 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.984 min
Lab File: VU052914.D
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Instrument :
MSVOA_U
ClientSampleId :
A44M2

Tgt Ion: 75 Resp: 8816
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8
110 2.4 32.4 48.6#



#67
1,2-Dichlorobenzene
Concen: 1.164 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052914.D
Acq: 01 Feb 2023 18:39

Tgt Ion: 146 Resp: 3780
Ion Ratio Lower Upper
146 100
111 45.3 33.2 49.8
148 54.6 50.2 75.4

