

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052915.D
 Acq On : 01 Feb 2023 19:03
 Operator : JC/MD
 Sample : 01381-11 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M1

Quant Time: Feb 01 20:07:58 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)

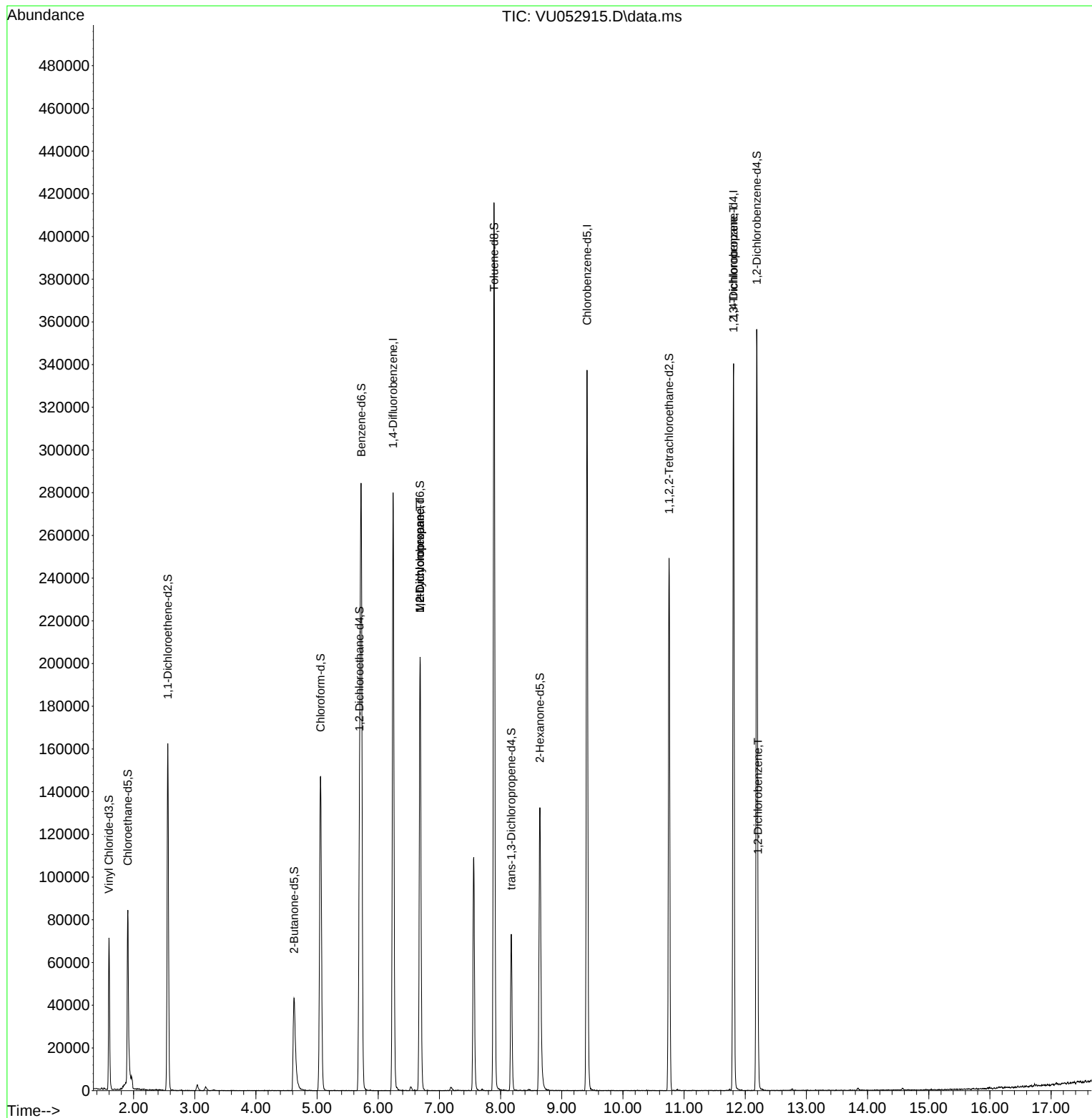
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	232729	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	204486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56524	33.744	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.480%		
7) Chloroethane-d5	1.906	69	63688	46.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.280%		
11) 1,1-Dichloroethene-d2	2.559	63	91613	27.498	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.000%#		
21) 2-Butanone-d5	4.623	46	68122	65.832	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	65.830%		
24) Chloroform-d	5.057	84	143264	40.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.140%		
26) 1,2-Dichloroethane-d4	5.694	65	93906	41.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.280%		
32) Benzene-d6	5.723	84	276248	44.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.440%		
36) 1,2-Dichloropropane-d6	6.684	67	89823	49.023	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.040%		
41) Toluene-d8	7.893	98	272949	47.980	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.960%		
43) trans-1,3-Dichloroprop...	8.176	79	42686	46.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.960%		
47) 2-Hexanone-d5	8.642	63	50273	78.088	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.090%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	112972	41.731	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.460%		
66) 1,2-Dichlorobenzene-d4	12.189	152	101283	52.802	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.600%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.684	83	24643	8.800	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	10783	6.301	ug/L #	85
60) 1,2,3-Trichloropropane	11.806	75	8575	4.475	ug/L #	62
67) 1,2-Dichlorobenzene	12.208	146	6641	2.040	ug/L	95

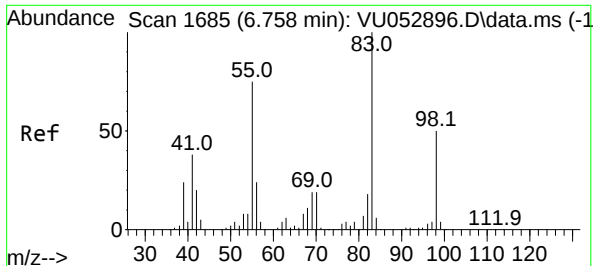
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.800 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

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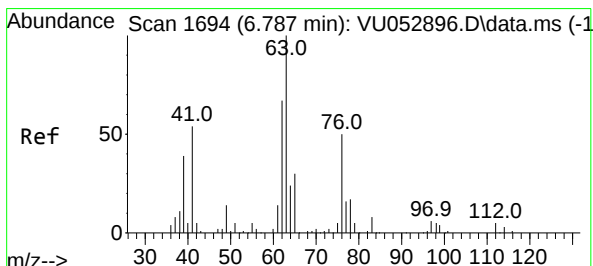
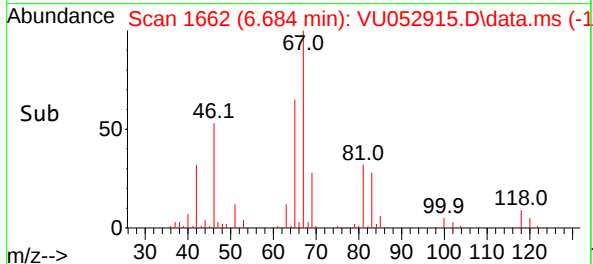
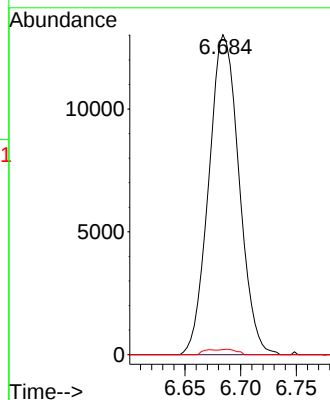
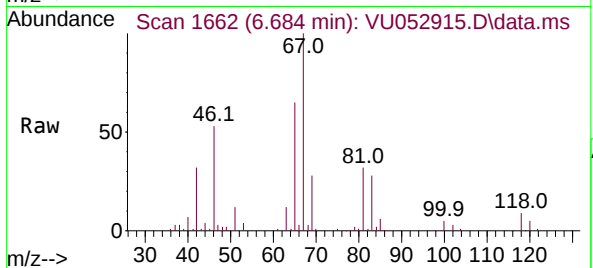
Tgt Ion: 83 Resp: 24643

Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.7 38.9 58.3#



#37

1,2-Dichloropropane

Concen: 6.301 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU052915.D

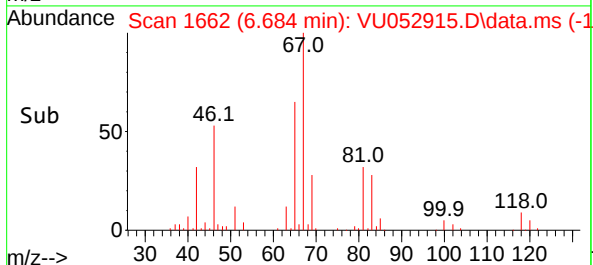
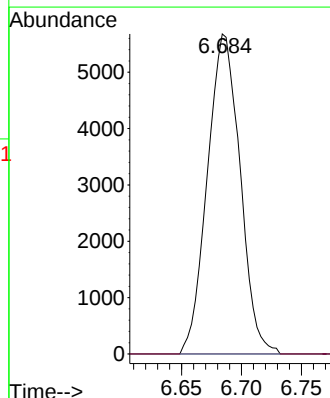
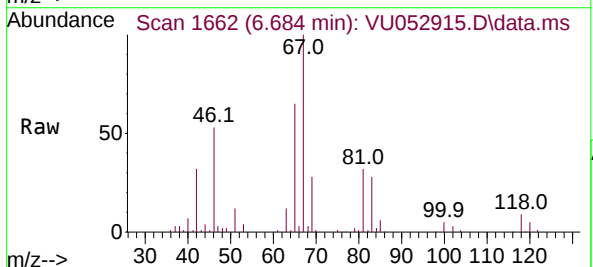
Acq: 01 Feb 2023 19:03

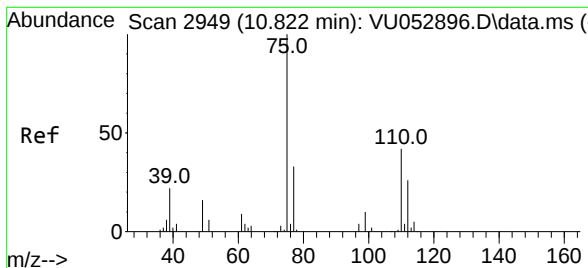
Tgt Ion: 63 Resp: 10783

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#60

1,2,3-Trichloropropane

Concen: 4.475 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.984 min

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Instrument :

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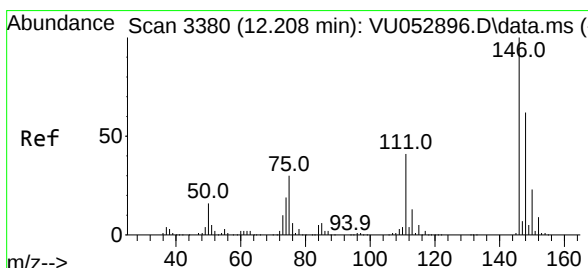
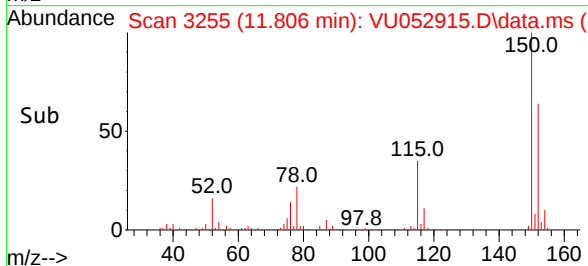
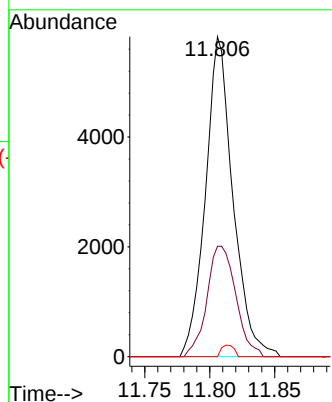
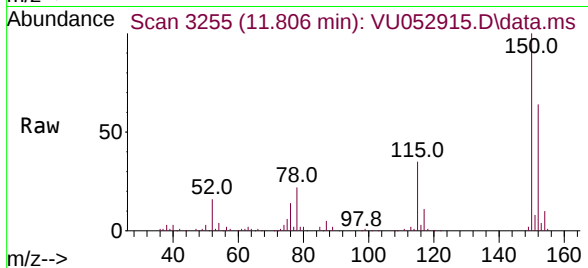
Tgt Ion: 75 Resp: 8575

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

110 1.6 32.4 48.6#



#67

1,2-Dichlorobenzene

Concen: 2.040 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052915.D

Acq: 01 Feb 2023 19:03

Tgt Ion: 146 Resp: 6641

Ion Ratio Lower Upper

146 100

111 48.0 33.2 49.8

148 61.3 50.2 75.4

