

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055841.D
 Acq On : 20 Oct 2023 18:40
 Operator : MD/SY
 Sample : 04947-09 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:09:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

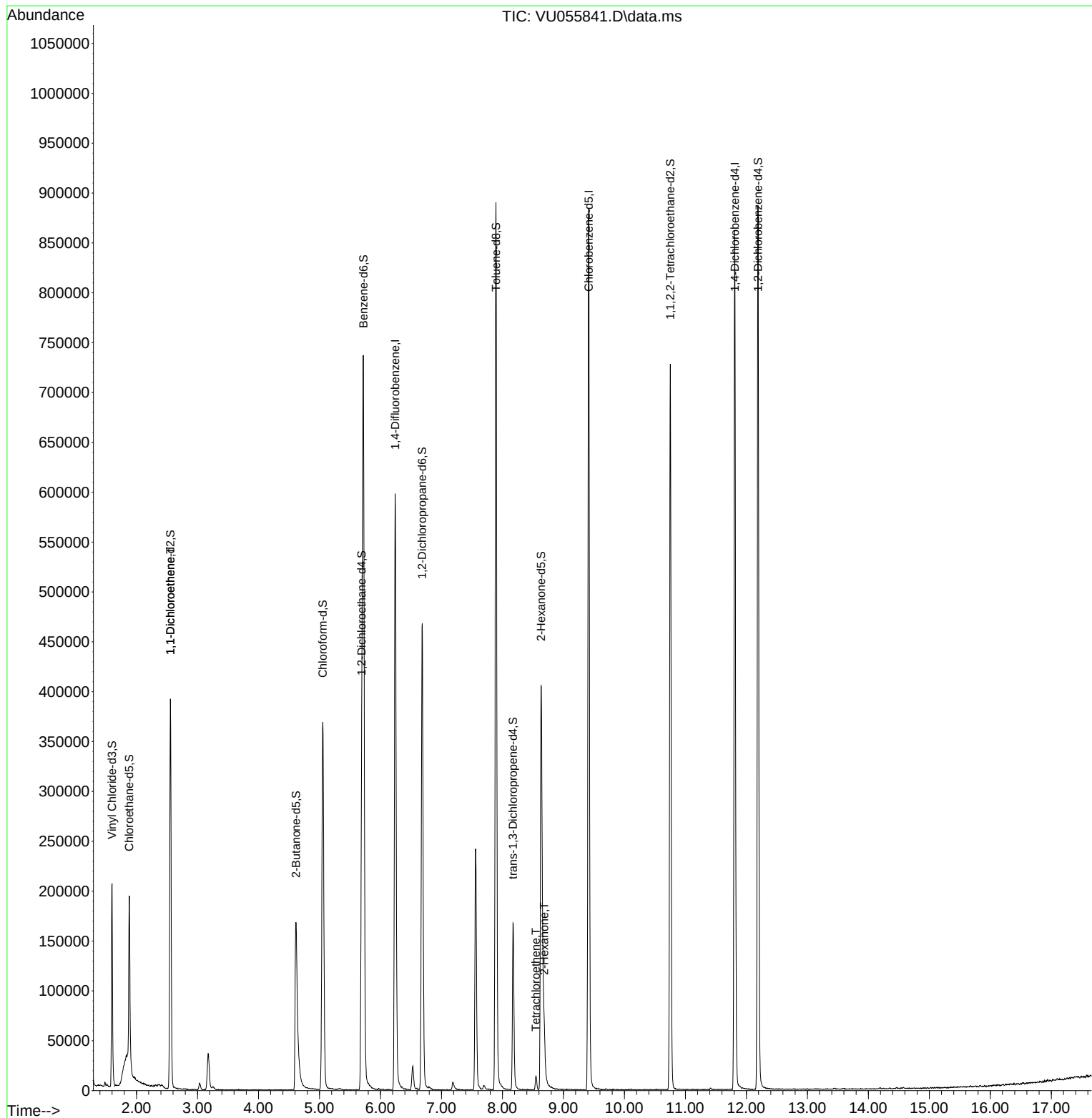
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	492072	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	493376	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	234784	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	156471	35.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.900%
7) Chloroethane-d5	1.882	69	140898	39.053	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.100%
11) 1,1-Dichloroethene-d2	2.557	63	232149	29.498	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.000%#
21) 2-Butanone-d5	4.615	46	271455	83.002	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	5.055	84	352536	41.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	5.692	65	235626	45.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.480%
32) Benzene-d6	5.721	84	695381	44.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.100%
36) 1,2-Dichloropropane-d6	6.685	67	225401	45.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	7.894	98	599180	42.036	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.080%
43) trans-1,3-Dichloroprop...	8.174	79	97851	40.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.520%
47) 2-Hexanone-d5	8.634	63	138567	70.531	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.530%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	368159	47.861	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	12.190	152	228860	49.120	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.557	96	1884	0.540	ug/L #	1
46) Tetrachloroethene	8.550	164	2813	0.921	ug/L	94
48) 2-Hexanone	8.685	43	28384	5.625	ug/L #	46

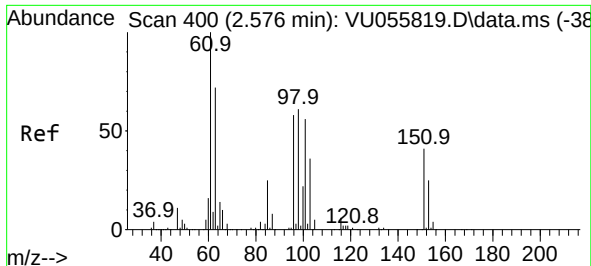
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.540 ug/L

RT: 2.557 min Scan# 394

Delta R.T. -0.019 min

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MSVOA_U

ClientSampleId :

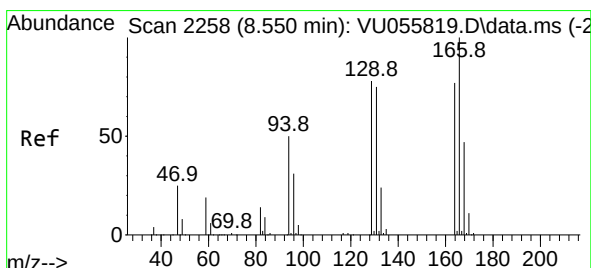
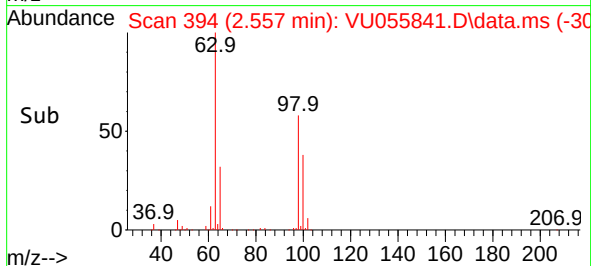
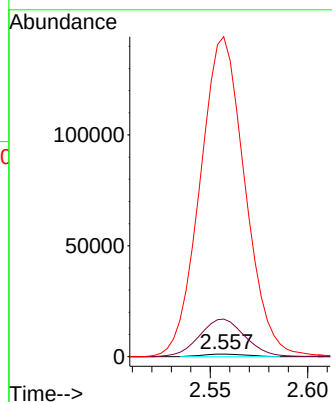
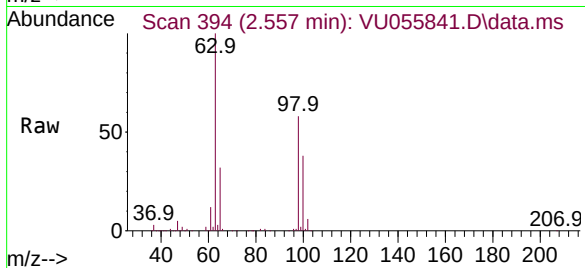
Tgt Ion: 96 Resp: 1884

Ion Ratio Lower Upper

96 100

61 1473.6 122.0 226.6#

63 12527.8 93.7 174.1#



#46

Tetrachloroethene

Concen: 0.921 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

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Tgt Ion:164 Resp: 2813

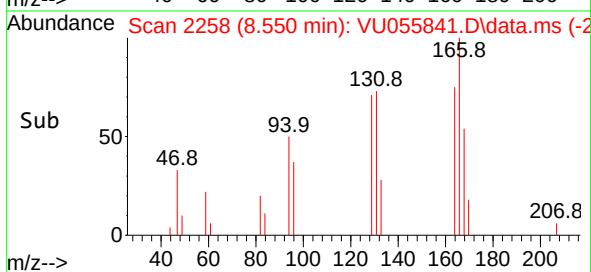
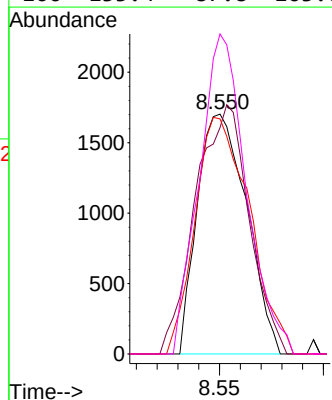
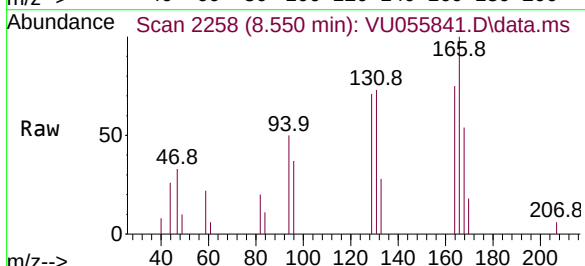
Ion Ratio Lower Upper

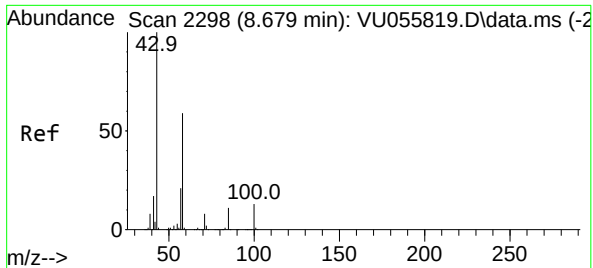
164 100

129 94.4 70.7 131.3

131 98.0 65.9 122.5

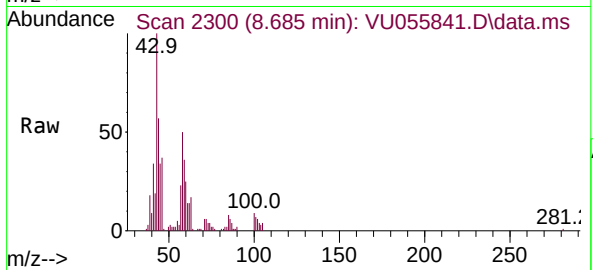
166 133.4 87.8 163.0





#48
 2-Hexanone
 Concen: 5.625 ug/L
 RT: 8.685 min Scan# 21
 Delta R.T. 0.006 min
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Tgt Ion:	43	Resp:	28384
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.2	67.8#
57	13.3	16.1	24.1#
100	7.7	9.7	14.5#

