

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101723\
 Data File : VU055789.D
 Acq On : 17 Oct 2023 13:21
 Operator : MD/SY
 Sample : 04874-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 18 05:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 18 05:33:39 2023
 Response via : Initial Calibration

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

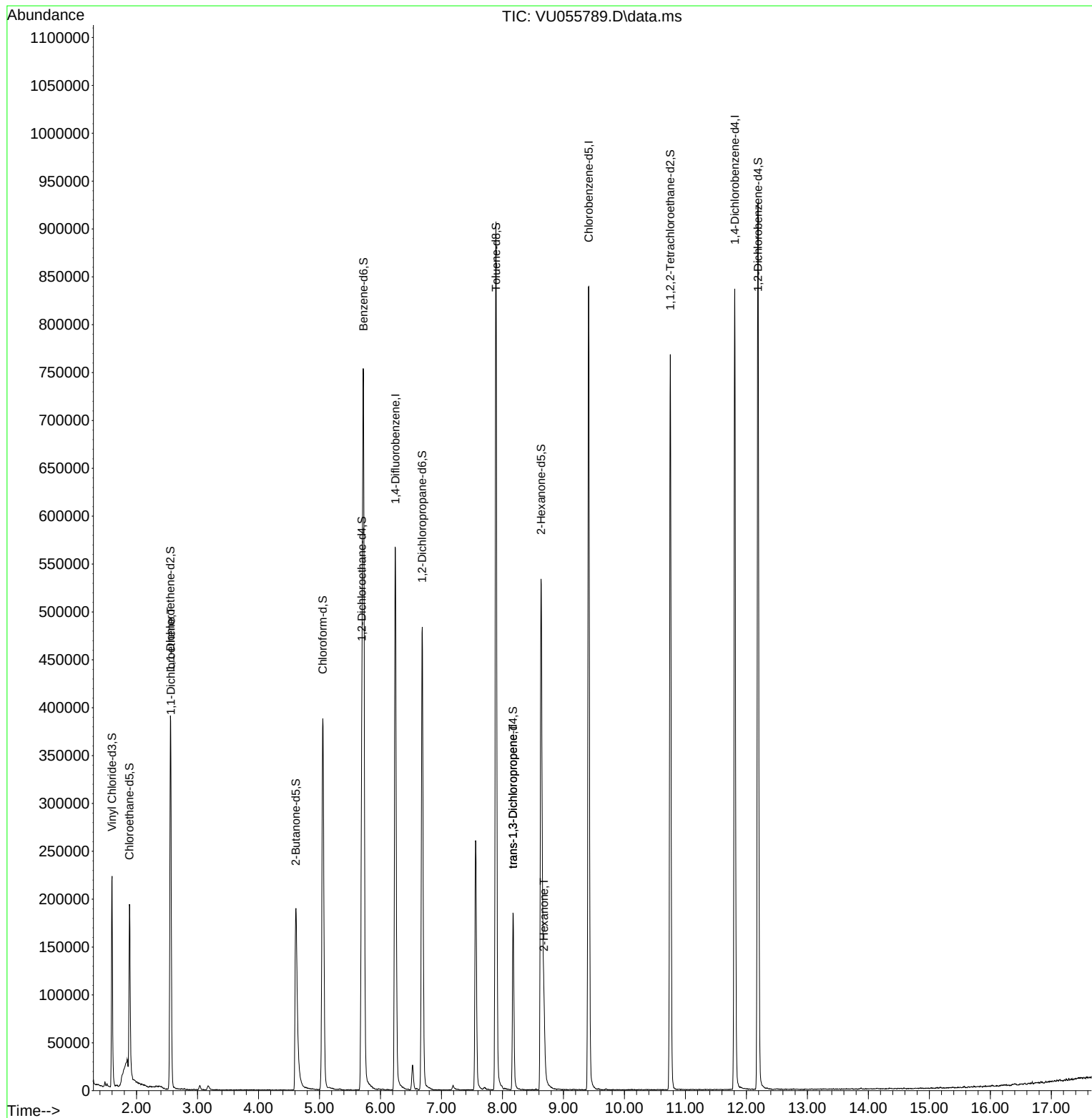
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	462279	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	482720	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	223351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	170100	41.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.040%
7) Chloroethane-d5	1.885	69	148939	43.943	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.880%
11) 1,1-Dichloroethene-d2	2.557	63	235102	31.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.600%
21) 2-Butanone-d5	4.611	46	295972	96.331	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.330%
24) Chloroform-d	5.055	84	378877	47.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	5.695	65	243226	49.711	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.420%
32) Benzene-d6	5.721	84	720772	46.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
36) 1,2-Dichloropropane-d6	6.685	67	237182	48.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.020%
41) Toluene-d8	7.894	98	614322	44.049	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.100%
43) trans-1,3-Dichloroprop...	8.174	79	108879	46.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.720%
47) 2-Hexanone-d5	8.634	63	174150	90.599	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	391964	52.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	12.190	152	248957	56.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.340%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.563	96	1996	0.609	ug/L #	1
44) trans-1,3-Dichloropropene	8.174	75	5014	0.820	ug/L	84
48) 2-Hexanone	8.682	43	36994	7.492	ug/L #	46

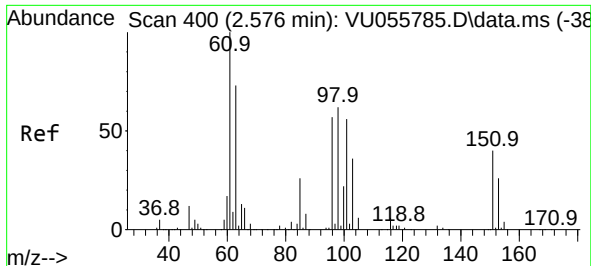
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.609 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.013 min

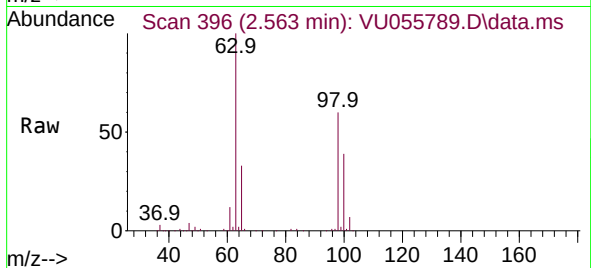
Lab File: VU055789.D

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MSVOA_U

ClientSampleId :



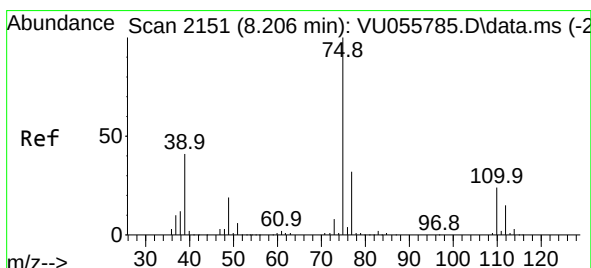
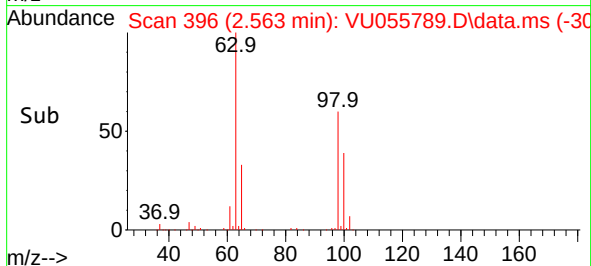
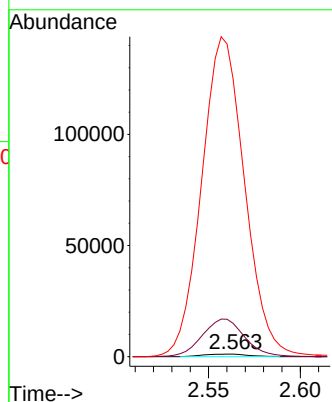
Tgt Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 1319.7 122.0 226.6#

63 10994.2 93.7 174.1#



#44

trans-1,3-Dichloropropene

Concen: 0.820 ug/L

RT: 8.174 min Scan# 2141

Delta R.T. -0.032 min

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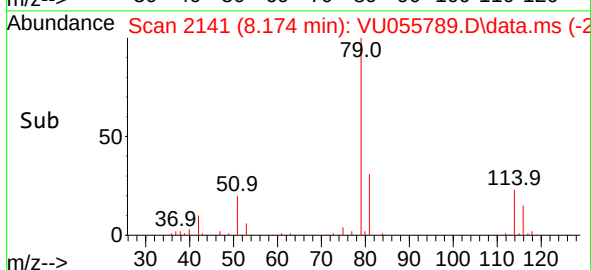
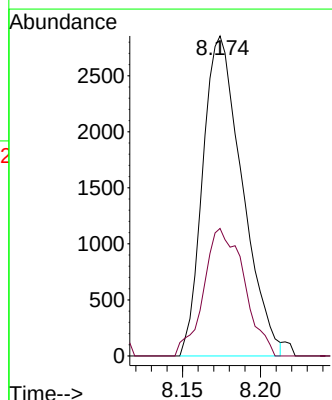
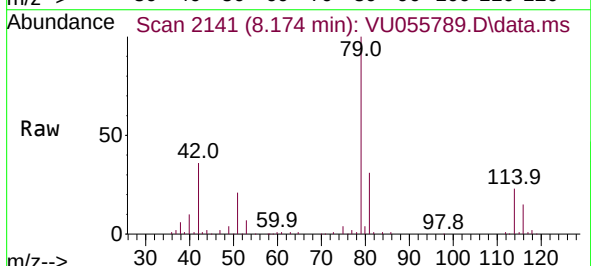
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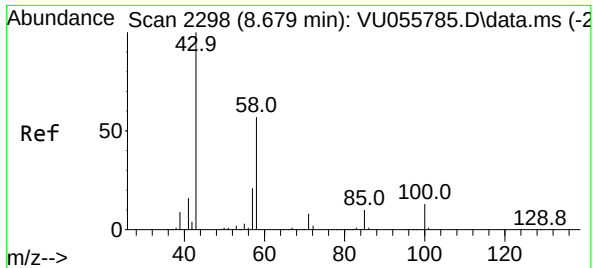
Tgt Ion: 75 Resp: 5014

Ion Ratio Lower Upper

75 100

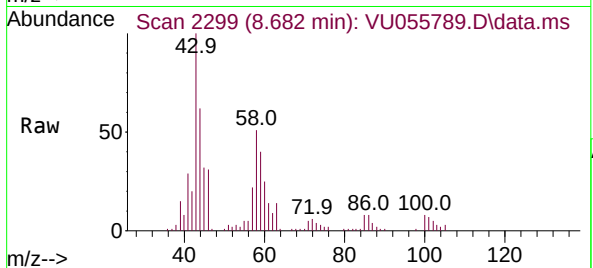
77 39.8 21.6 40.2





#48
 2-Hexanone
 Concen: 7.492 ug/L
 RT: 8.682 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion:	43	Resp:	36994
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.2	67.8#
57	17.3	16.1	24.1
100	2.6	9.7	14.5#

