

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054085.D
 Acq On : 08 May 2023 17:07
 Operator : JC/MD
 Sample : 02662-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 04:39:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

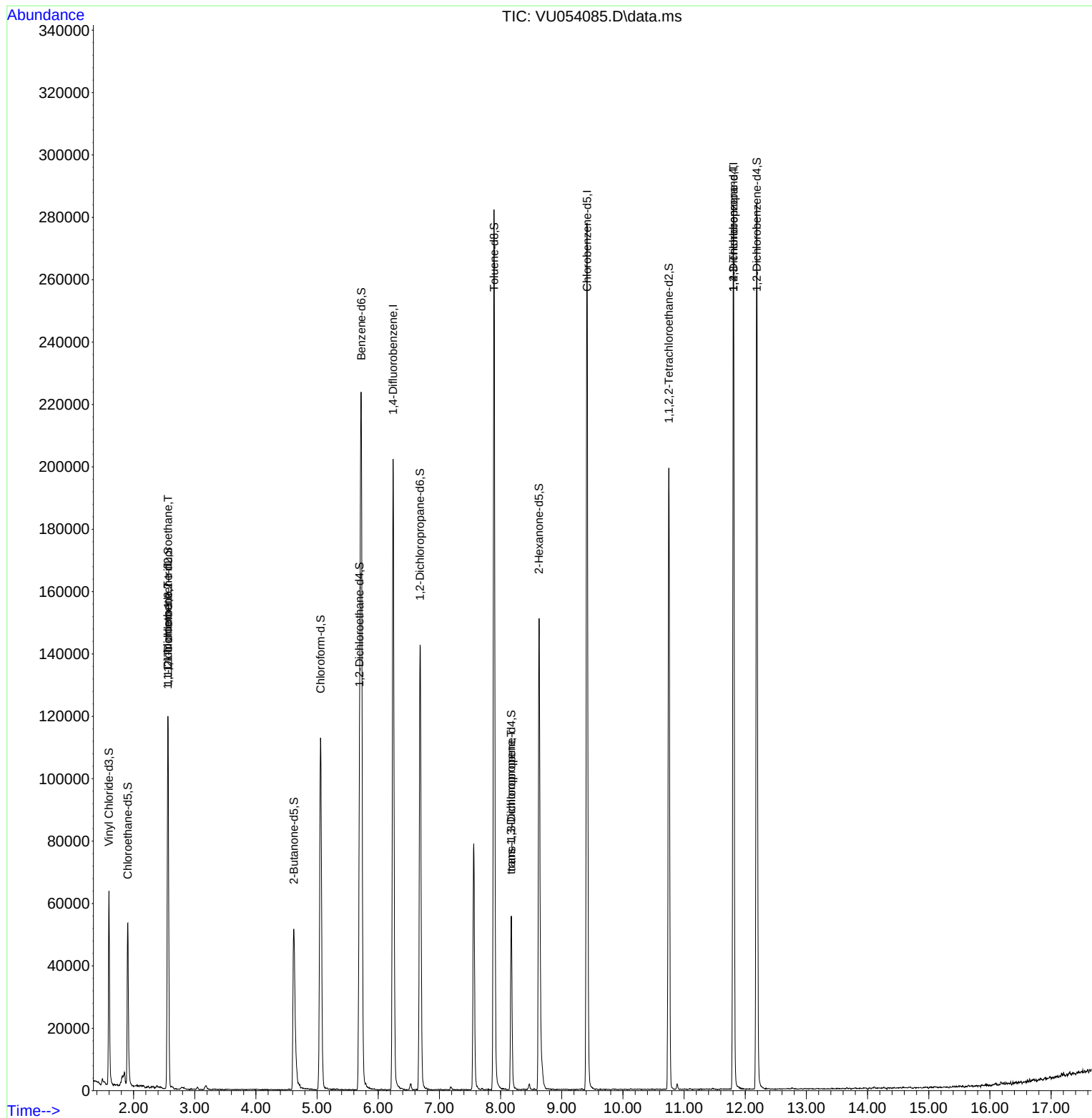
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	164004	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	159275	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78797	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48417	39.034	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.060%	
7) Chloroethane-d5	1.903	69	41827	51.371	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	102.740%	
11) 1,1-Dichloroethene-d2	2.562	63	71209	32.368	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.740%	
21) 2-Butanone-d5	4.620	46	80833	114.262	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.260%	
24) Chloroform-d	5.057	84	108184	47.489	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.980%	
26) 1,2-Dichloroethane-d4	5.693	65	73582	50.306	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.620%	
32) Benzene-d6	5.722	84	210689	44.940	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.880%	
36) 1,2-Dichloropropane-d6	6.684	67	68491	46.276	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.560%	
41) Toluene-d8	7.893	98	185248	43.766	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.540%	
43) trans-1,3-Dichloroprop...	8.176	79	33377	45.570	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.140%	
47) 2-Hexanone-d5	8.629	63	50631	95.510	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.510%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	99219	50.894	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.780%	
66) 1,2-Dichlorobenzene-d4	12.188	152	76919	49.969	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.940%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	821	0.748	ug/L #	19
12) 1,1-Dichloroethene	2.559	96	535	0.562	ug/L #	1
44) trans-1,3-Dichloropropene	8.172	75	1592	0.816	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	8527	5.826	ug/L #	62

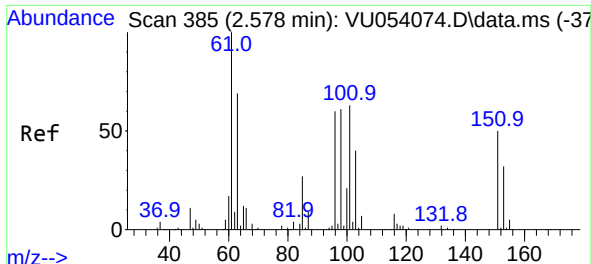
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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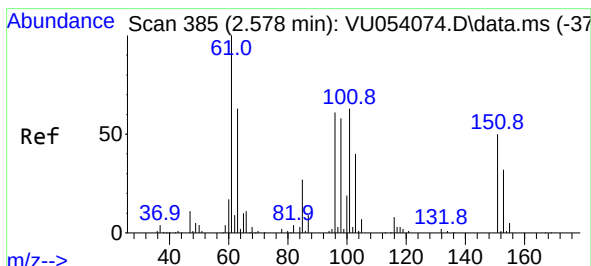
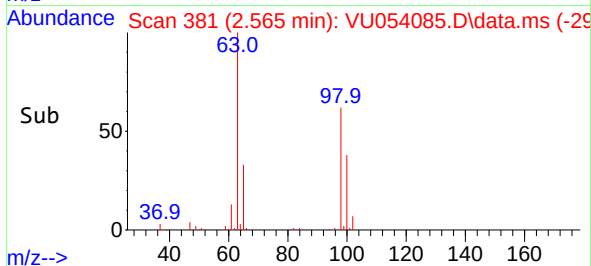
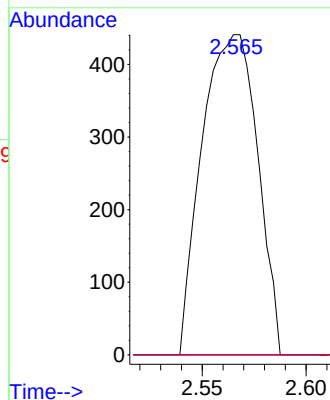
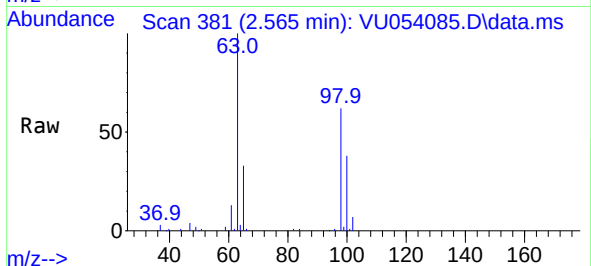




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.748 ug/L
RT: 2.565 min Scan# 310
Delta R.T. -0.013 min
Lab File: VU054085.D
Acq: 08 May 2023 17:07

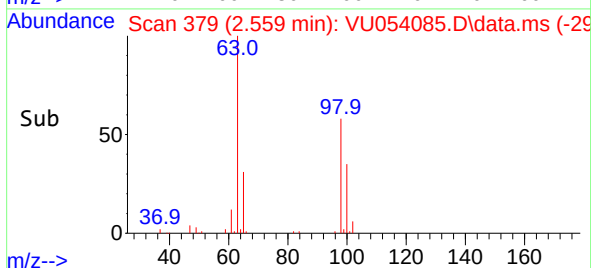
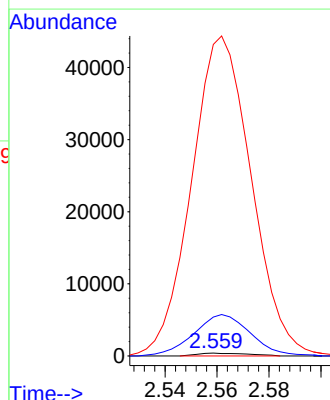
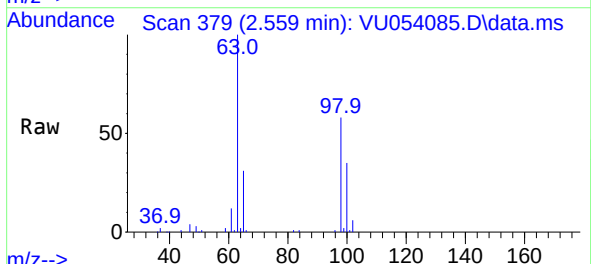
Instrument :
MSVOA_U
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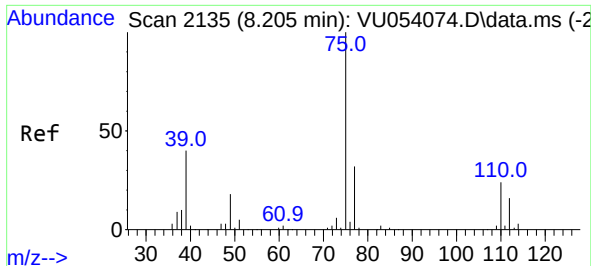
Tgt Ion:101 Resp: 821
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.562 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.019 min
Lab File: VU054085.D
Acq: 08 May 2023 17:07

Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 1371.0 118.3 219.7#
63 10992.4 92.3 171.5#

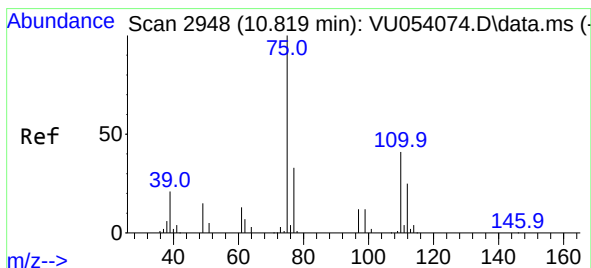
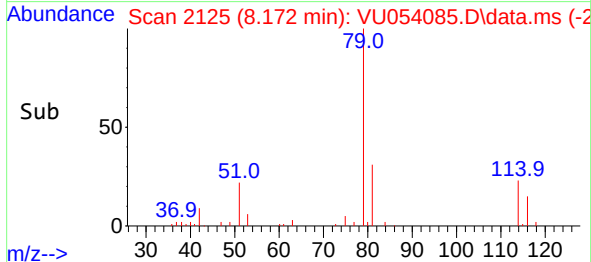
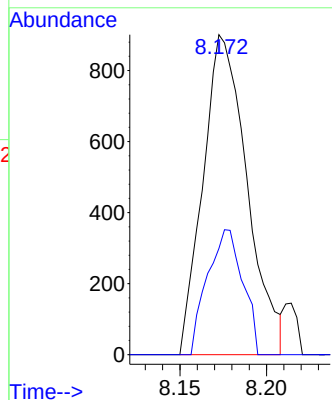
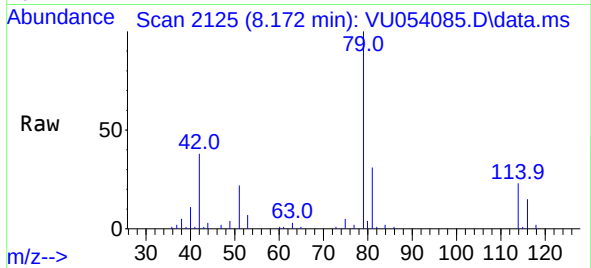




#44
trans-1,3-Dichloropropene
Concen: 0.816 ug/L
RT: 8.172 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU054085.D
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Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1592
Ion Ratio Lower Upper
75 100
77 33.2 22.5 41.7



#60
1,2,3-Trichloropropane
Concen: 5.826 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.993 min
Lab File: VU054085.D
Acq: 08 May 2023 17:07

Tgt Ion: 75 Resp: 8527
Ion Ratio Lower Upper
75 100
77 36.8 26.0 39.0
110 1.1 31.8 47.8#

