

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050823\
 Data File : VU054084.D
 Acq On : 08 May 2023 16:43
 Operator : JC/MD
 Sample : 02662-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ6

Quant Time: May 09 04:39:48 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)

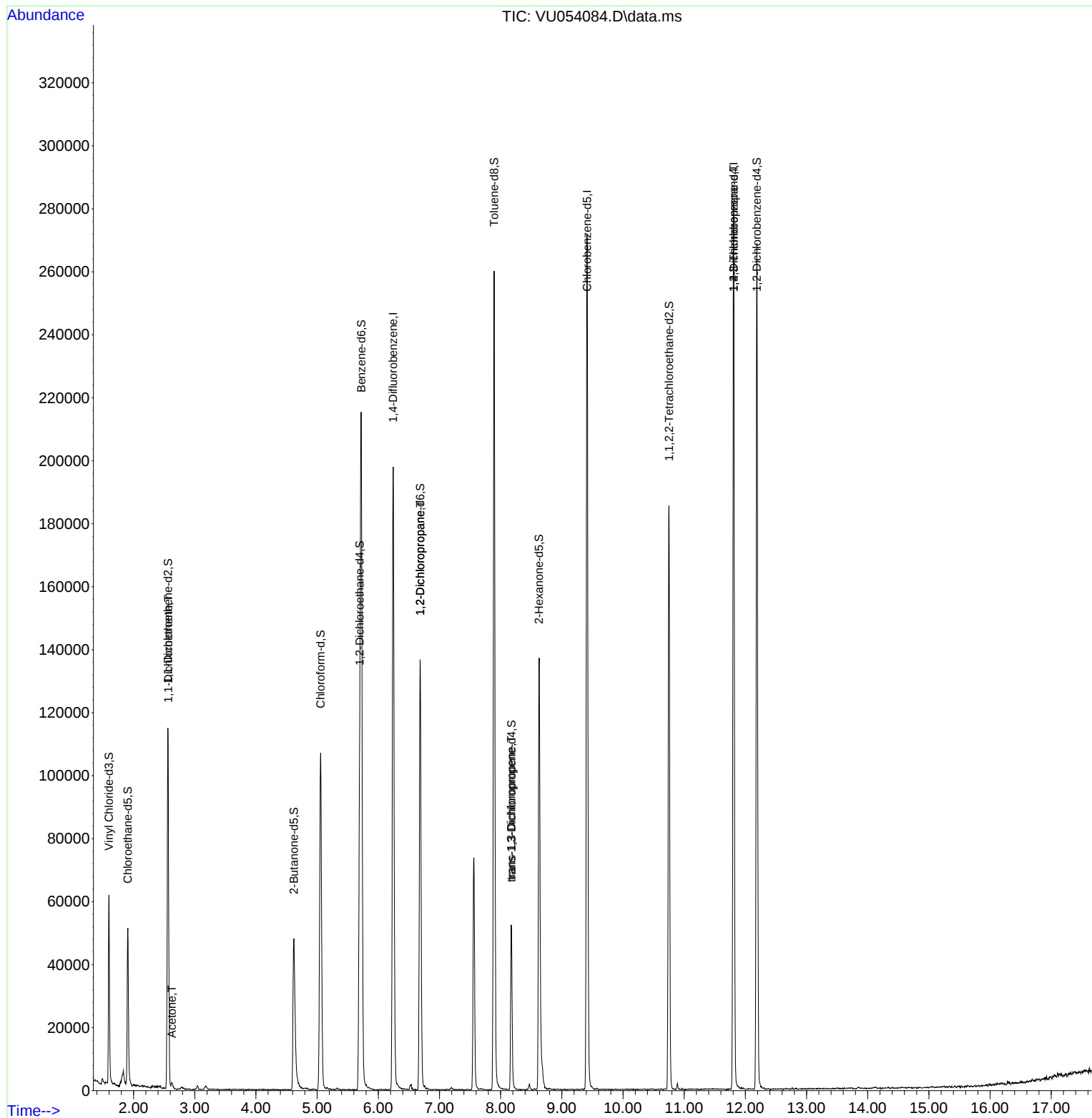
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	164040	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	158340	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46565	37.533	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	75.060%	
7) Chloroethane-d5	1.906	69	40283	49.464	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	98.920%	
11) 1,1-Dichloroethene-d2	2.562	63	68889	31.306	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	62.620%	
21) 2-Butanone-d5	4.620	46	71883	101.589	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	101.590%	
24) Chloroform-d	5.057	84	101883	44.713	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.420%	
26) 1,2-Dichloroethane-d4	5.697	65	67697	46.273	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.540%	
32) Benzene-d6	5.723	84	197569	42.390	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.780%	
36) 1,2-Dichloropropane-d6	6.684	67	65429	44.469	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	88.940%	
41) Toluene-d8	7.893	98	172431	40.978	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.960%	
43) trans-1,3-Dichloroprop...	8.176	79	31070	42.670	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.340%	
47) 2-Hexanone-d5	8.626	63	45530	86.395	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.390%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90430	46.660	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.320%	
66) 1,2-Dichlorobenzene-d4	12.189	152	72708	47.360	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.720%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.565	96	509	0.535	ug/L #	1
13) Acetone	2.626	43	2708	3.899	ug/L	69
37) 1,2-Dichloropropane	6.684	63	7097	5.443	ug/L #	87
44) trans-1,3-Dichloropropene	8.173	75	1539	0.794	ug/L	91
60) 1,2,3-Trichloropropane	11.809	75	8176	5.601	ug/L #	65

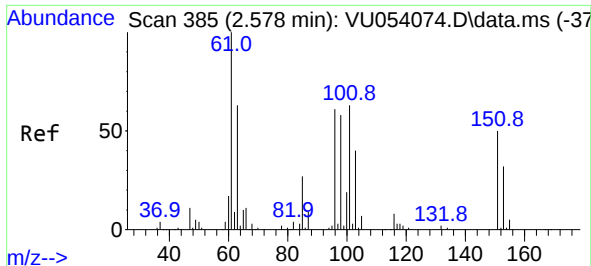
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.535 ug/L

RT: 2.565 min Scan# 3

Delta R.T. -0.013 min

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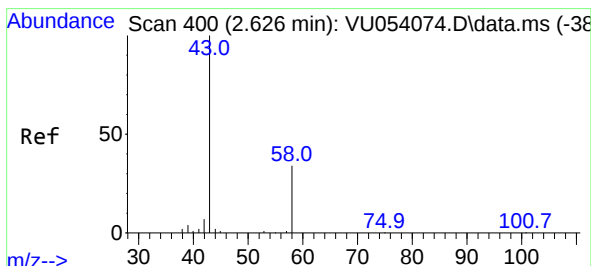
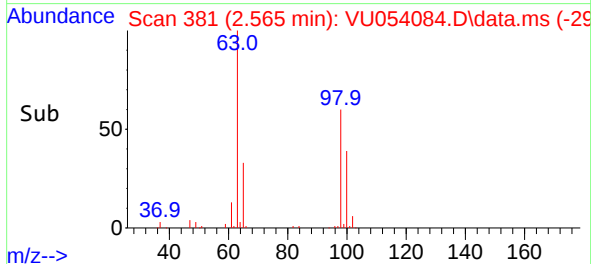
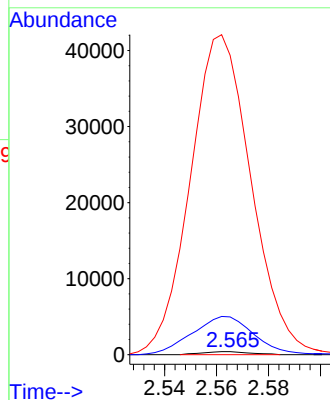
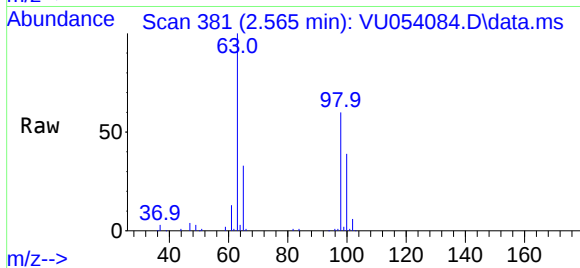
Tgt Ion: 96 Resp: 509

Ion Ratio Lower Upper

96 100

61 1245.7 118.3 219.7#

63 9893.5 92.3 171.5#



#13

Acetone

Concen: 3.899 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.006 min

Lab File: VU054084.D

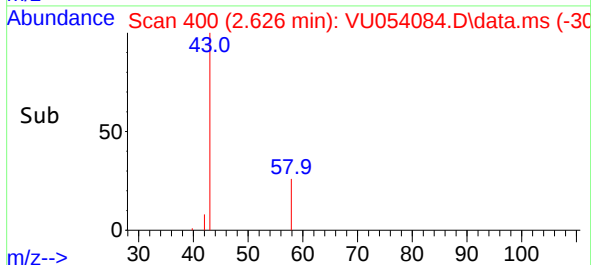
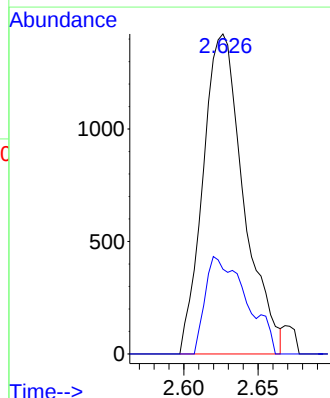
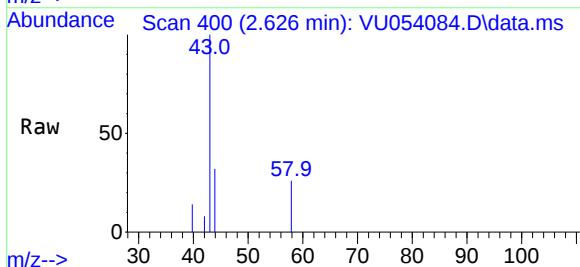
Acq: 08 May 2023 16:43

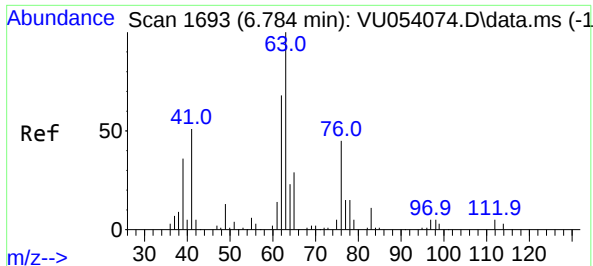
Tgt Ion: 43 Resp: 2708

Ion Ratio Lower Upper

43 100

58 16.2 0.0 67.4

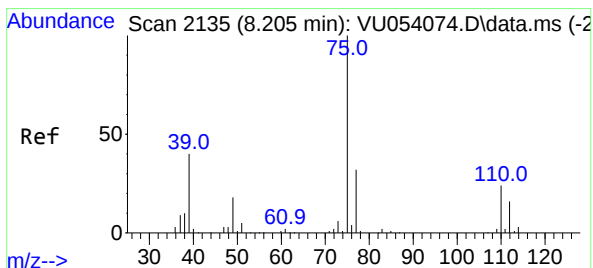
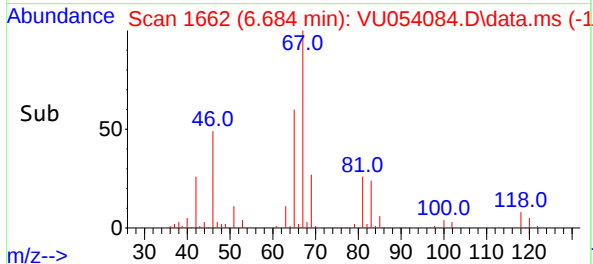
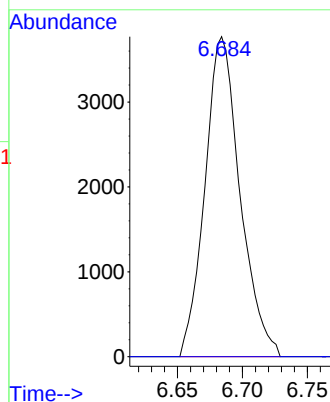
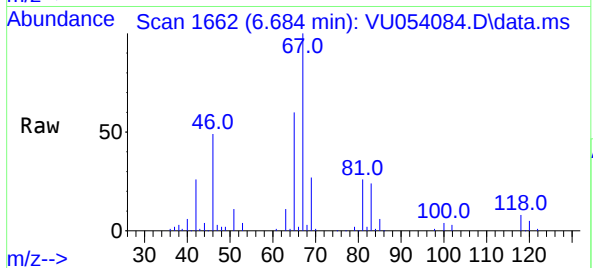




#37
1,2-Dichloropropane
Concen: 5.443 ug/L
RT: 6.684 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054084.D
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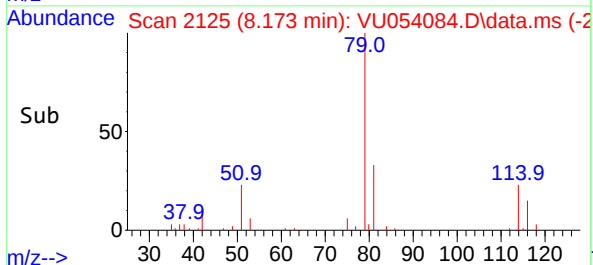
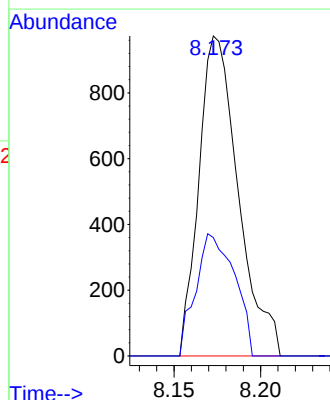
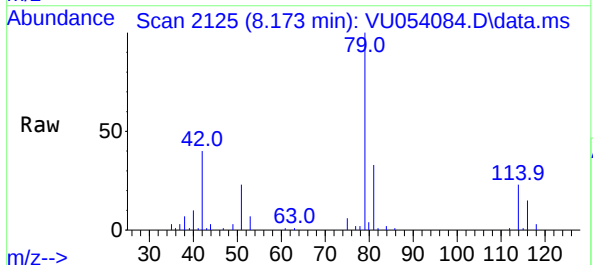
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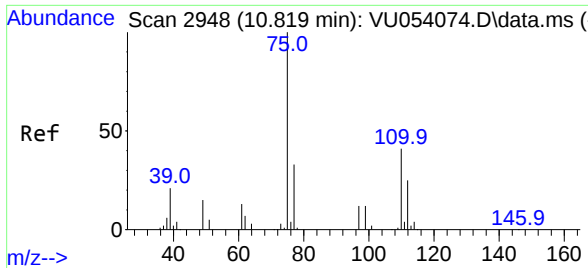
Tgt Ion: 63 Resp: 7097
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#44
trans-1,3-Dichloropropene
Concen: 0.794 ug/L
RT: 8.173 min Scan# 2125
Delta R.T. -0.032 min
Lab File: VU054084.D
Acq: 08 May 2023 16:43

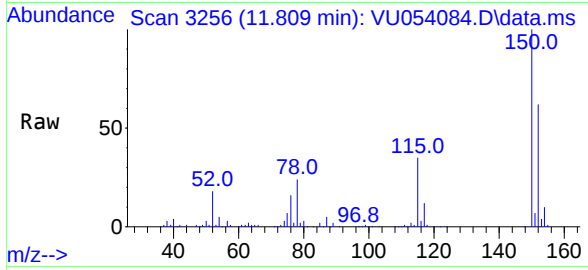
Tgt Ion: 75 Resp: 1539
Ion Ratio Lower Upper
75 100
77 37.0 22.5 41.7





#60
 1,2,3-Trichloropropane
 Concen: 5.601 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU054084.D
 Acq: 08 May 2023 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AZ6



Tgt Ion: 75 Resp: 8176

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.0	39.0
110	2.6	31.8	47.8#

