

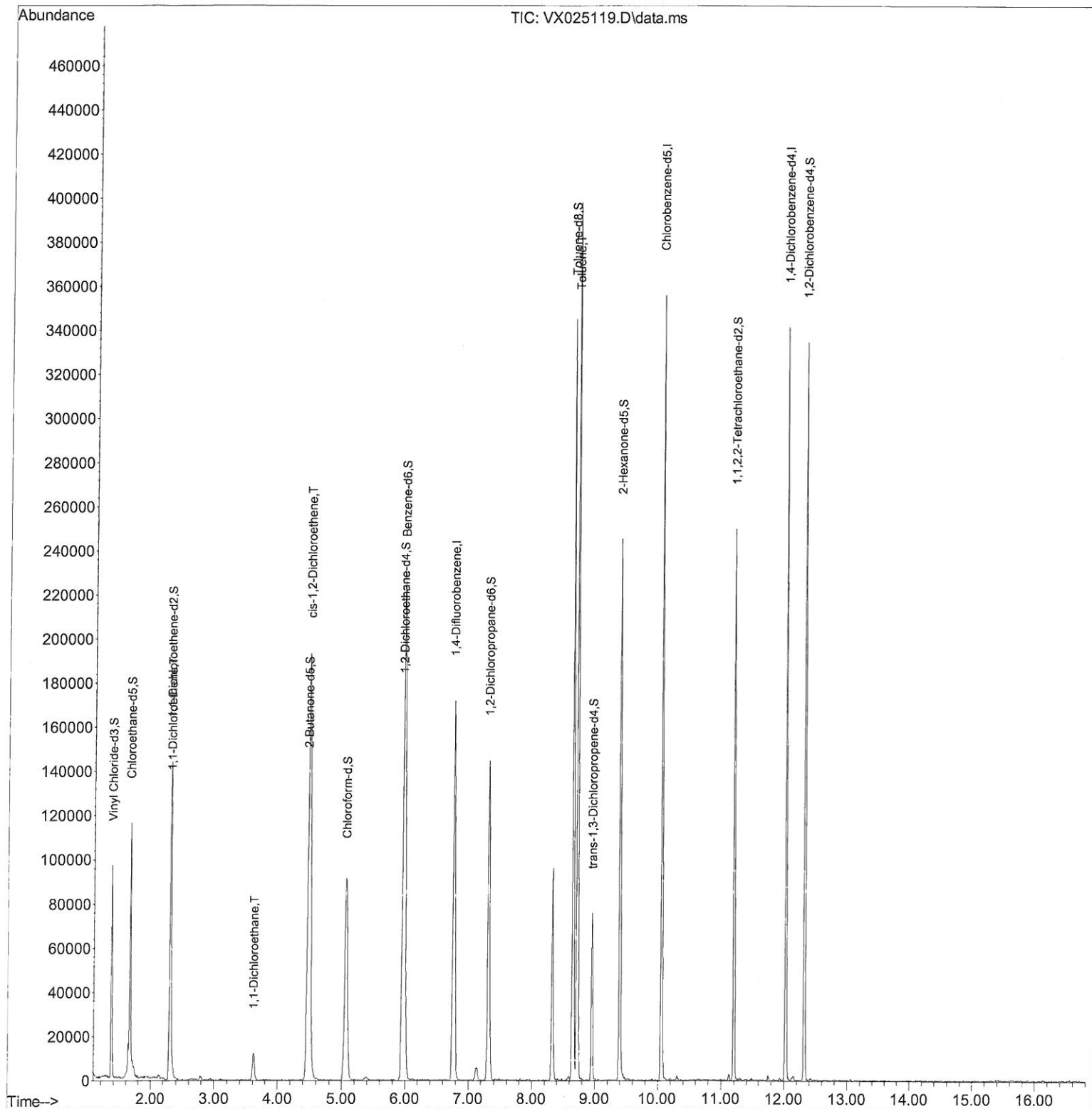
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
Data File : VX025119.D  
Acq On : 09 Nov 2021 14:11  
Operator : JC/MD  
Sample : M4464-10ME 10X  
Misc : 7.87g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
GB7K8ME

Manual IntegrationsAPPROVED

Quant Time: Nov 10 02:53:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110821WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Nov 10 02:50:07 2021  
Response via : Initial Calibration

Reviewed By :John Carlone 11/10/2021  
Supervised By :Mahesh Dadoda 11/10/2021



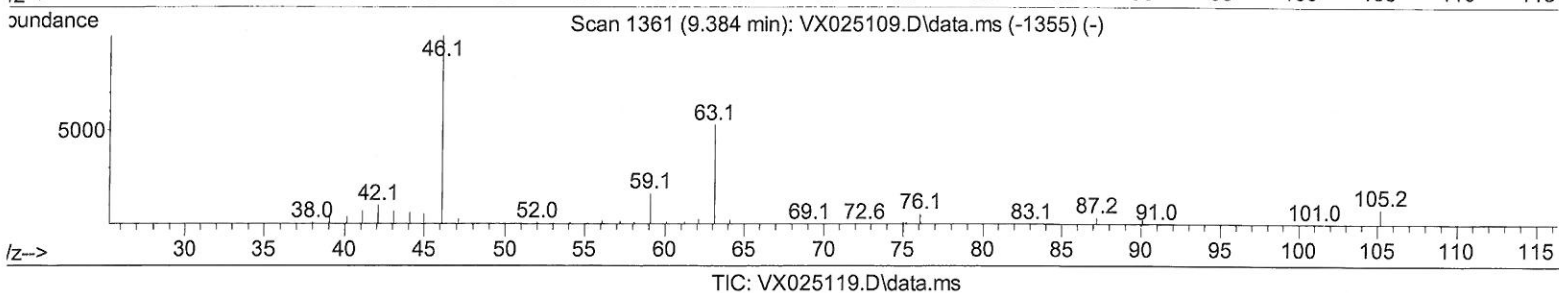
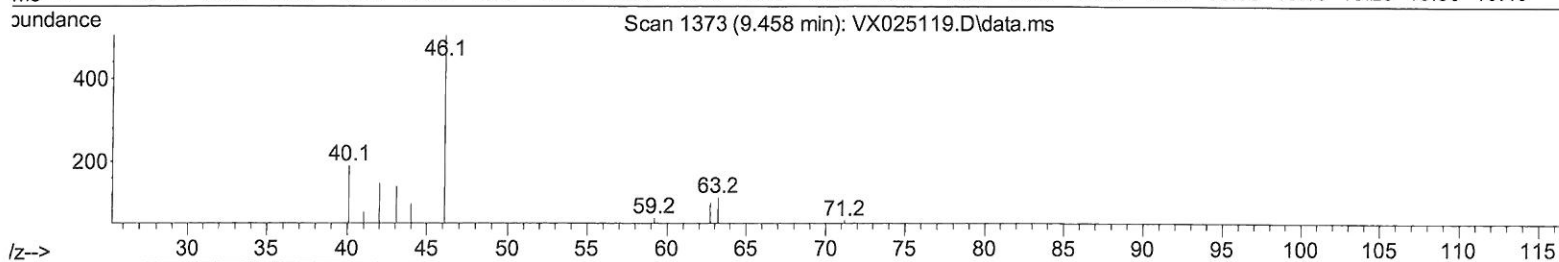
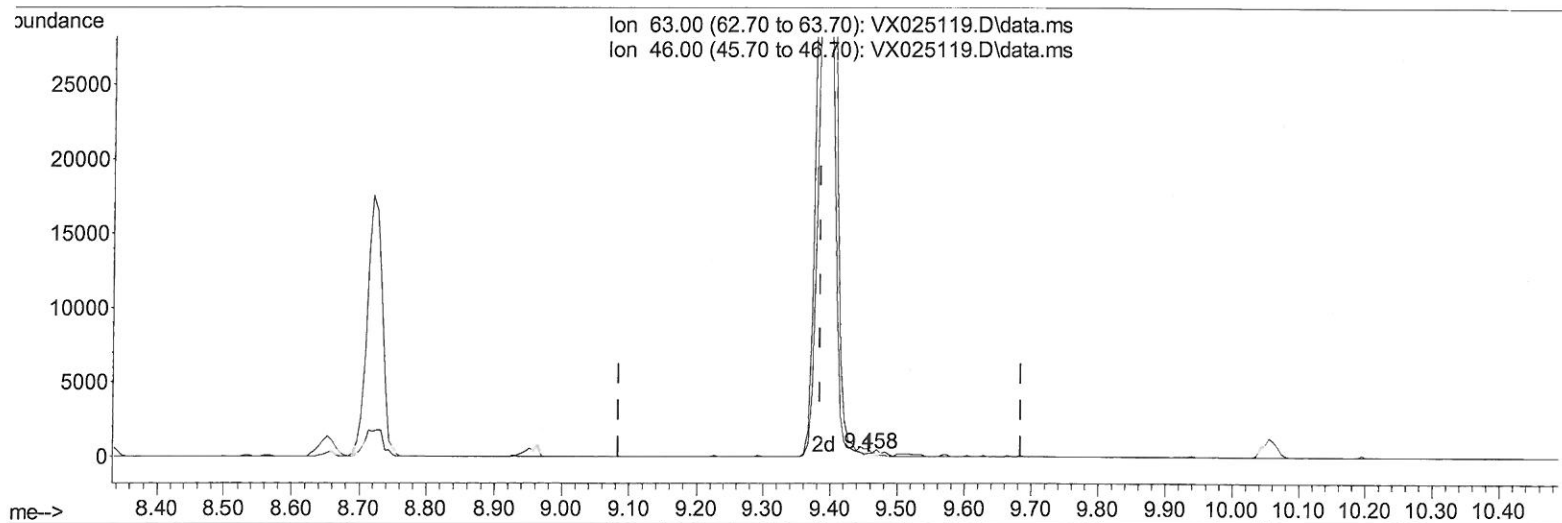
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
 Data File : VX025119.D  
 Acq On : 09 Nov 2021 14:11  
 Operator : JC/MD  
 Sample : M4464-10ME-10X  
 Misc : 7.87g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GB7K8ME

Manual IntegrationsAPPROVED

Quant Time: Nov 10 02:53:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 10 02:50:07 2021  
 Response via : Initial Calibration

Reviewed By :John Carlone 11/10/2021  
 Supervised By :Mahesh Dadoda 11/10/2021



(47) 2-Hexanone-d5 (S)

9.458min (+ 0.073) 0.39 ug/L

response 241

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	178.42
0.00	0.00	0.00
0.00	0.00	0.00

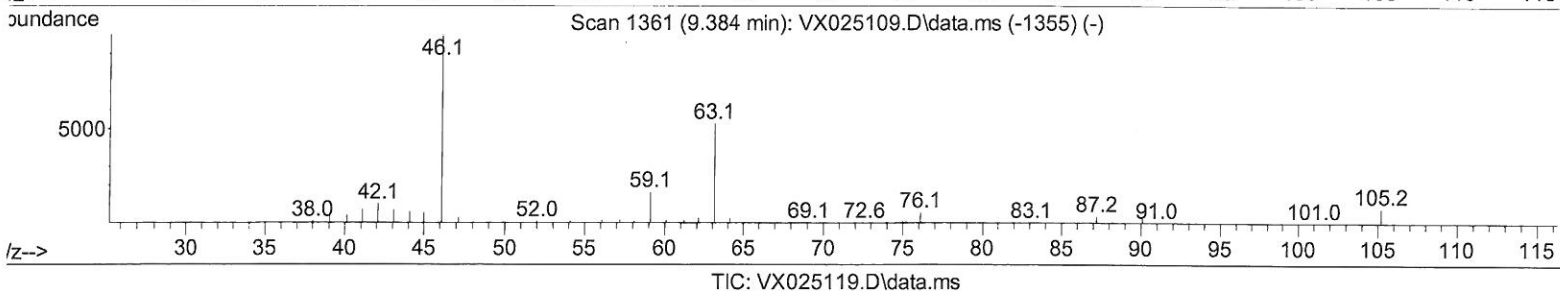
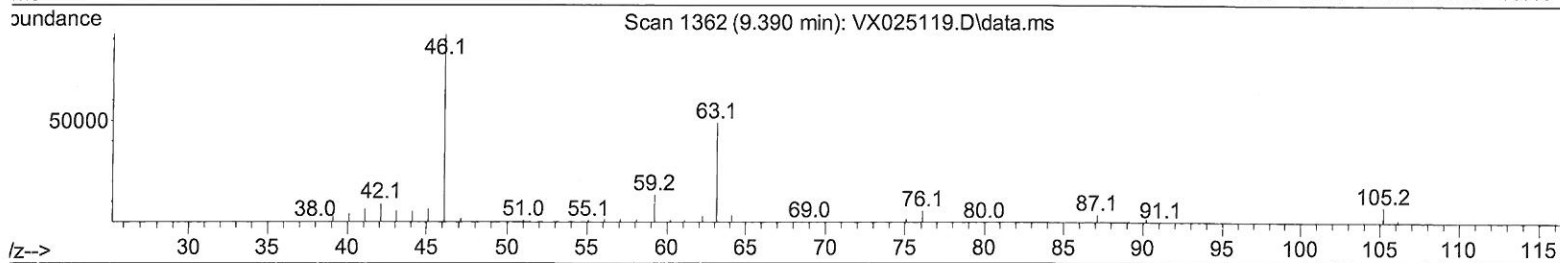
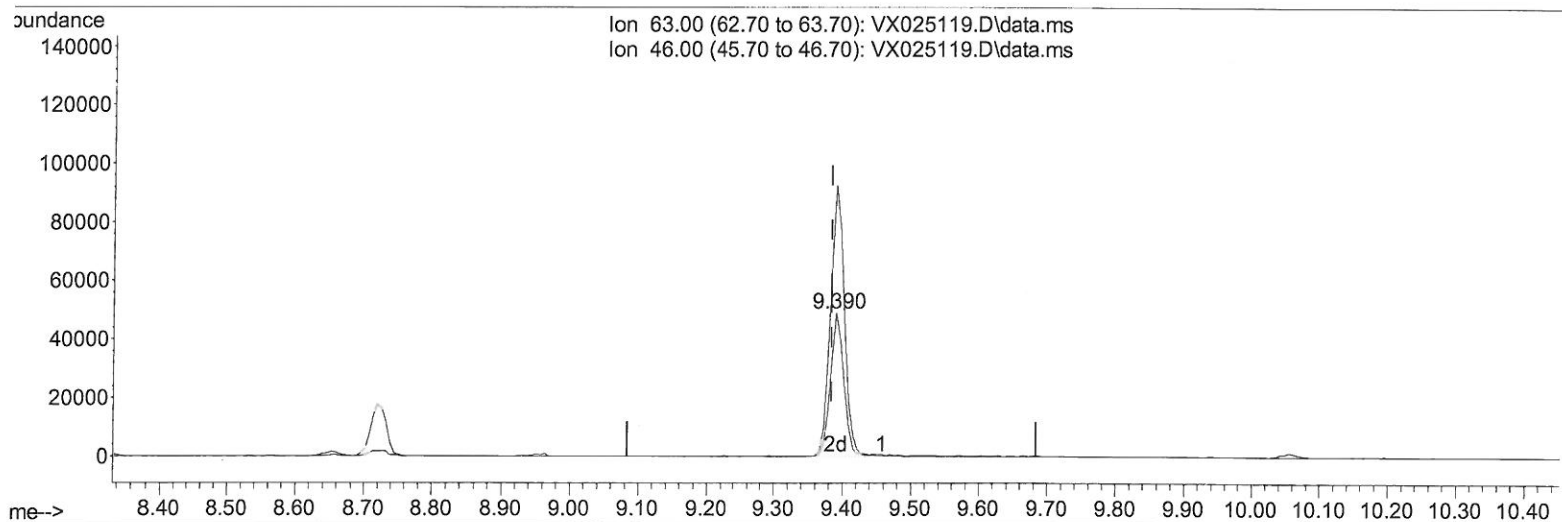
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
 Data File : VX025119.D  
 Acq On : 09 Nov 2021 14:11  
 Operator : JC/MD  
 Sample : M4464-10ME 10X  
 Misc : 7.87g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GB7K8ME

Manual IntegrationsAPPROVED

Quant Time: Nov 10 02:53:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 10 02:50:07 2021  
 Response via : Initial Calibration

Reviewed By :John Carlone 11/10/2021  
 Supervised By :Mahesh Dadoda 11/10/2021



(47) 2-Hexanone-d5 (S)

9.390min (+ 0.006) 108.54 ug/L m

response 66725

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	140.40	0.64#
0.00	0.00	0.00
0.00	0.00	0.00

7.170  
 11/10/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110921\  
 Data File : VX025119.D  
 Acq On : 09 Nov 2021 14:11  
 Operator : JC/MD  
 Sample : M4464-10ME 10X  
 Misc : 7.87g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 GB7K8ME

# Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/10/2021  
 Supervised By :Mahesh Dadoda 11/10/2021

Quant Time: Nov 10 02:53:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110821WMA.M  
 Quant Title : VOC Analysis  
 Last Update : Wed Nov 10 02:50:07 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	148404	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	137174	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55896	41.654	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.300%		
7) Chloroethane-d5	1.666	69	67651	80.415	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	160.840%#		
11) 1,1-Dichloroethene-d2	2.306	63	86835	33.595	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.200%		
21) 2-Butanone-d5	4.471	46	97242	105.441	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.440%		
24) Chloroform-d	5.068	84	112777	42.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.500%		
26) 1,2-Dichloroethane-d4	5.958	65	88488	51.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.540%		
32) Benzene-d6	5.976	84	191992	39.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.620%		
36) 1,2-Dichloropropane-d6	7.312	67	65214	45.314	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.620%		
41) Toluene-d8	8.653	98	175487	42.742	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.480%		
43) trans-1,3-Dichloroprop...	8.952	79	33349	43.416	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.840%		
47) 2-Hexanone-d5	9.390	63	66725m	108.541	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.540%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	87130	43.737	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.480%		
66) 1,2-Dichlorobenzene-d4	12.323	152	49496	47.097	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.200%		
Target Compounds						
12) 1,1-Dichloroethene	2.312	96	2021	1.908	ug/L	# 1
19) 1,1-Dichloroethane	3.611	63	13752	6.123	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	90050	72.297	ug/L	74
42) Toluene	8.720	91	238951	48.628	ug/L	97

7 MD  
 11/10/21

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