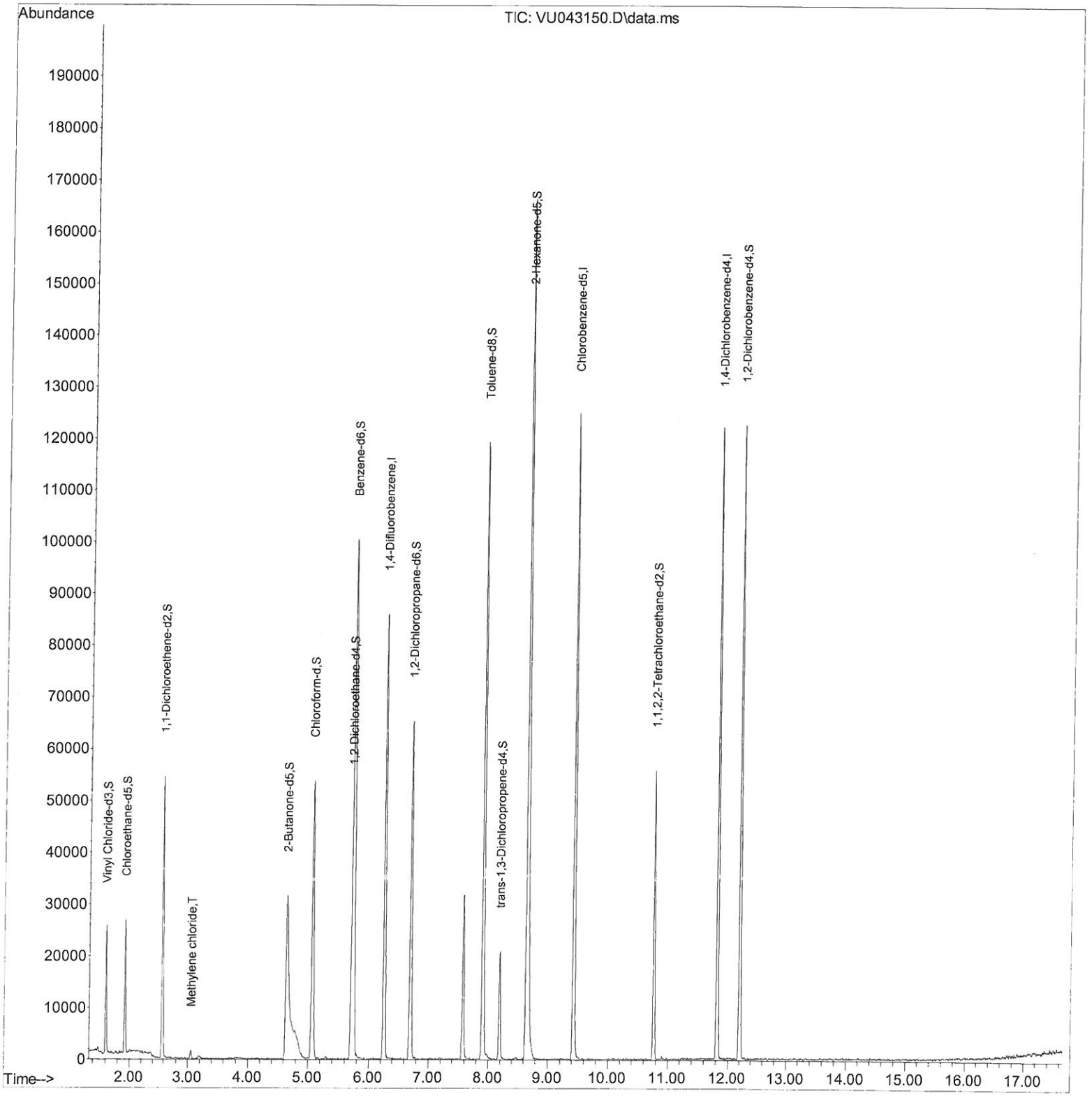
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043150.D
Acq On : 16 Apr 2021 03:22
Operator : SY/MD
Sample : M2055-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 16 07:18:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4538

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:21:53 AM

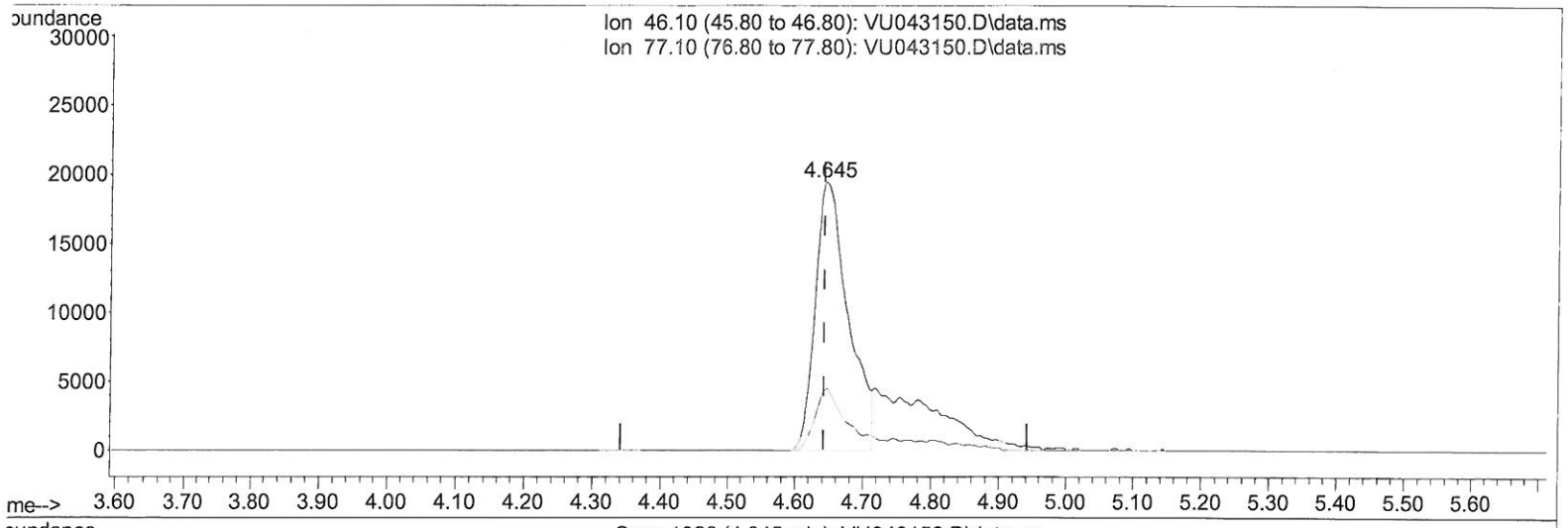


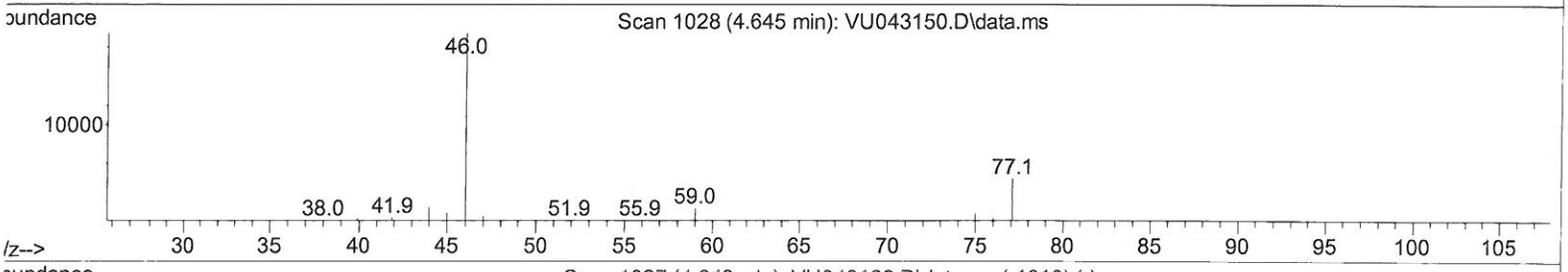
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043150.D
Acq On : 16 Apr 2021 03:22
Operator : SY/MD
Sample : M2055-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

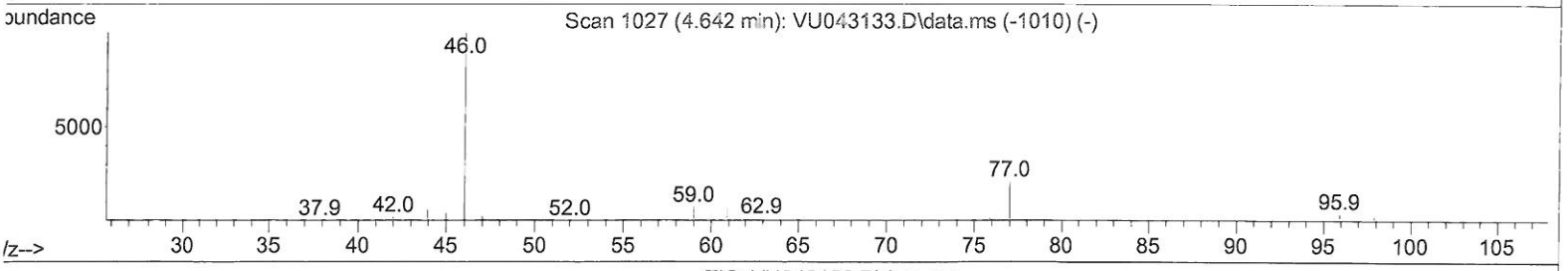
Quant Time: Apr 16 07:18:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4538

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:21:53 AM







TIC: VU043150.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 45.05 ug/L

response 65400

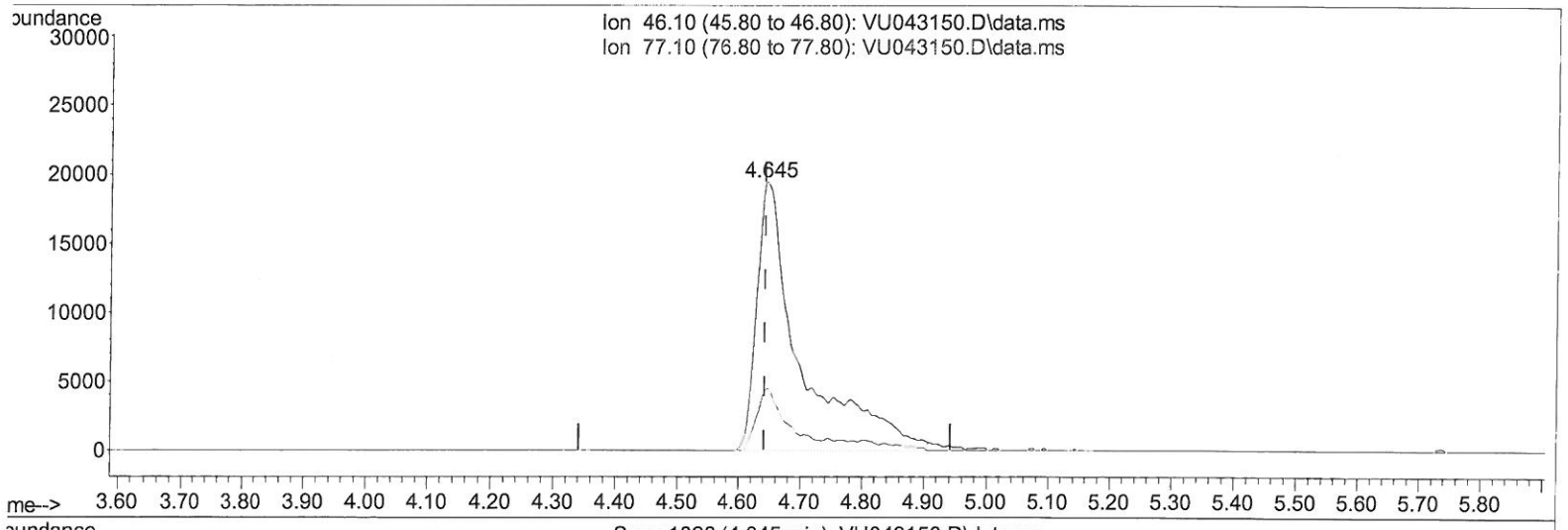
Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	19.96#
0.00	0.00	0.00
0.00	0.00	0.00

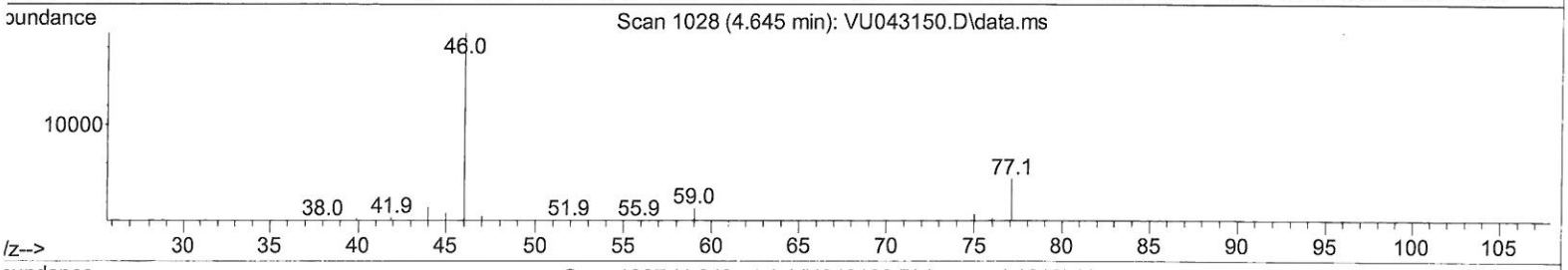
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043150.D
Acq On : 16 Apr 2021 03:22
Operator : SY/MD
Sample : M2055-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

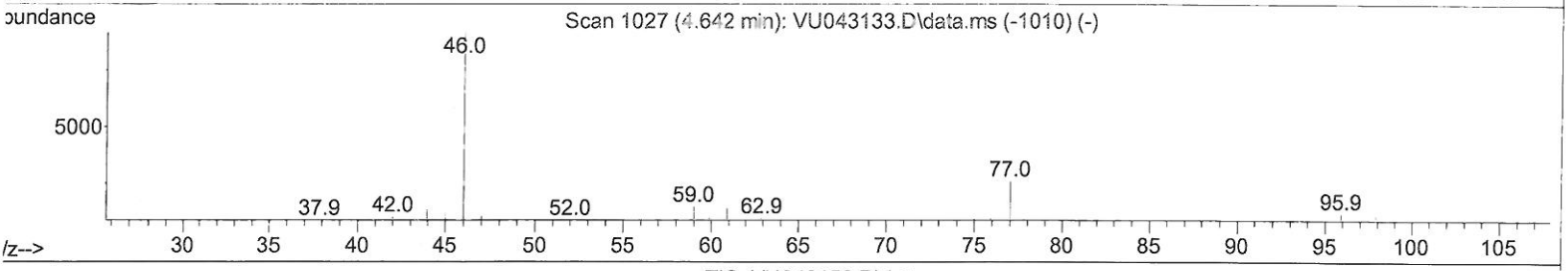
Quant Time: Apr 16 07:18:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H4538

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:21:53 AM







TIC: VU043150.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 65.36 ug/L m

response 94876

MD 4/20/21

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	13.76#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043150.D
Acq On : 16 Apr 2021 03:22
Operator : SY/MD
Sample : M2055-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Apr 16 07:18:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : H4538

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:21:53 AM

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	6.259	114	65088	5.00 ug/L	# 0.00
28) Chlorobenzene-d5	9.426	117	64465	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	30273	5.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.600	65	16447	4.97 ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.40%		
7) Chloroethane-d5	1.919	69	16585	5.32 ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.40%		
11) 1,1-Dichloroethene-d2	2.574	65	10560	5.51 ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 110.20%		
20) 2-Butanone-d5	4.645	46	94876m	65.36 ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 130.72%#		
24) Chloroform-d	5.073	84	46364	5.51 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.20%		
26) 1,2-Dichloroethane-d4	5.709	65	31215	5.48 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.60%		
32) Benzene-d6	5.735	84	81452	5.43 ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.60%		
36) 1,2-Dichloropropane-d6	6.700	67	27555	5.54 ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.80%		
41) Toluene-d8	7.905	98	74626	4.78 ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%		
43) trans-1,3-Dichloroprop...	8.185	79	10652	4.85 ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%		
46) 2-Hexanone-d5	8.648	63	63083	57.54 ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 115.08%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	25683	5.87 ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.40%		
66) 1,2-Dichlorobenzene-d4	12.201	152	29630	5.71 ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.20%		
Target Compounds					Qvalue
16) Methylene chloride	3.060	84	559	0.12 ug/L	90

→ ND 4/20/21

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