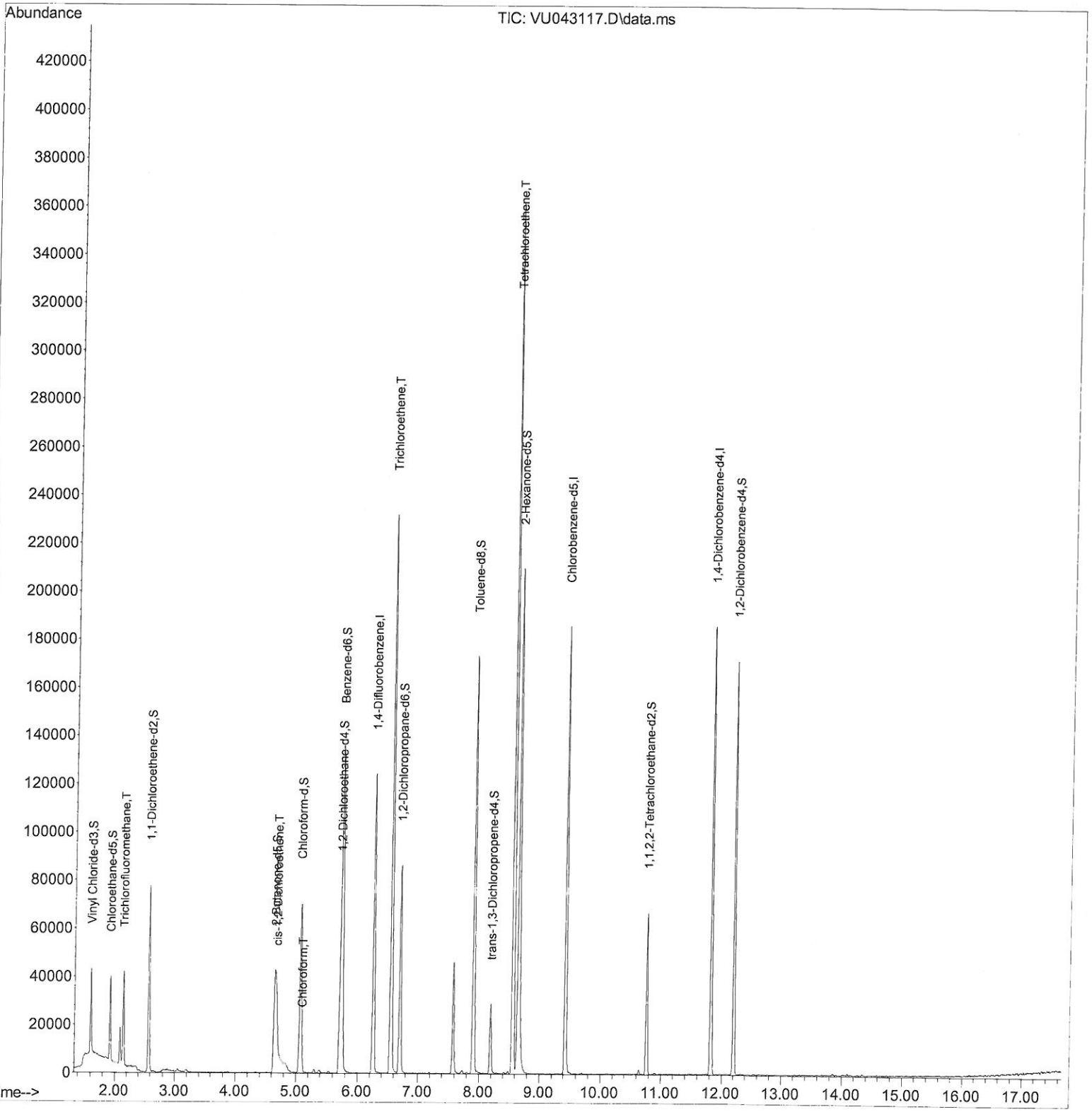
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043117.D
Acq On : 15 Apr 2021 13:44
Operator : SY/MD
Sample : M1986-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 05:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 05:01:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AT1

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:19:01 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043117.D
Acq On : 15 Apr 2021 13:44
Operator : SY/MD
Sample : M1986-01
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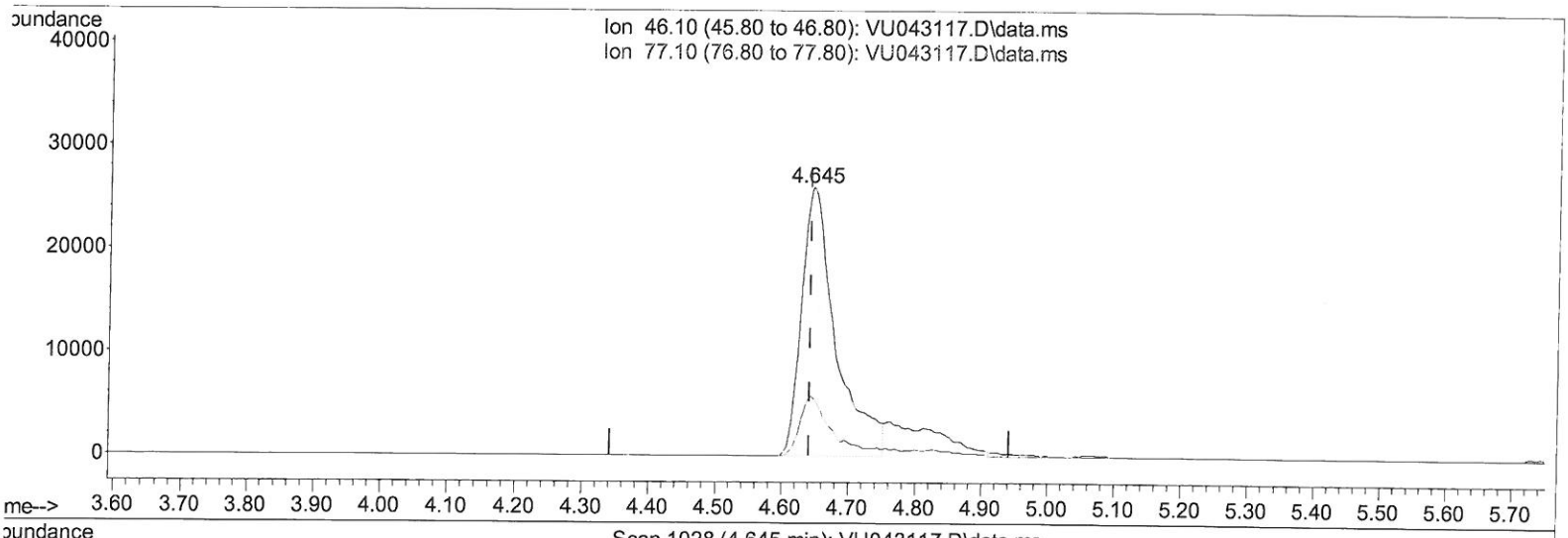

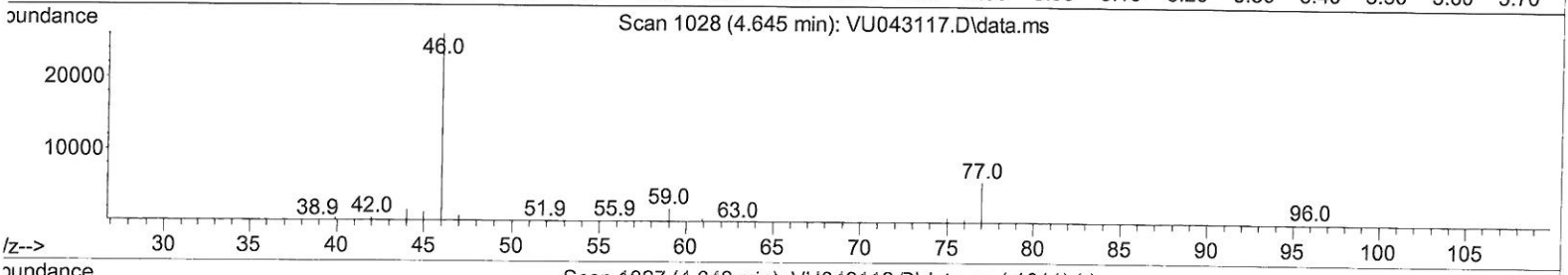

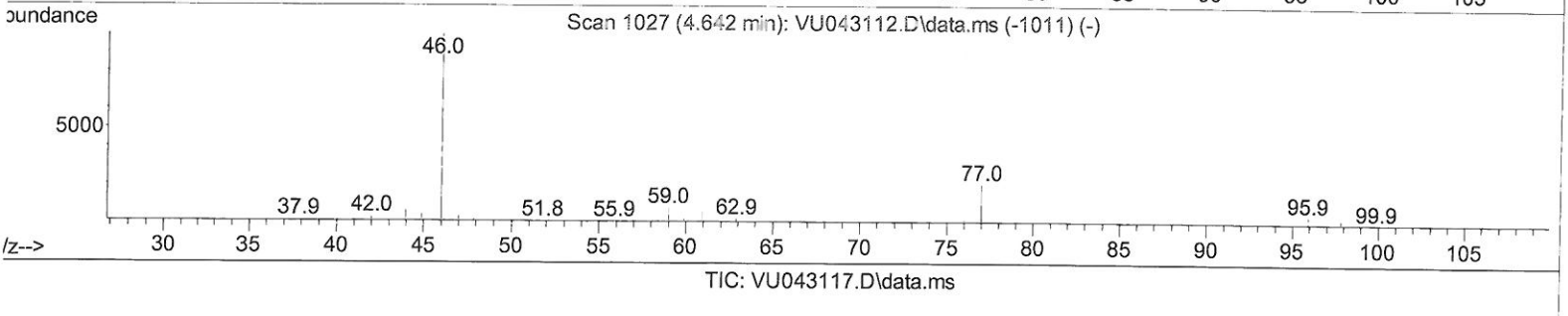

TIC: VU043117.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 44.61 ug/L

response 92895

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	17.07#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043117.D
Acq On : 15 Apr 2021 13:44
Operator : SY/MD
Sample : M1986-01
Misc : 25.0mL/MSVOA_U/WATER
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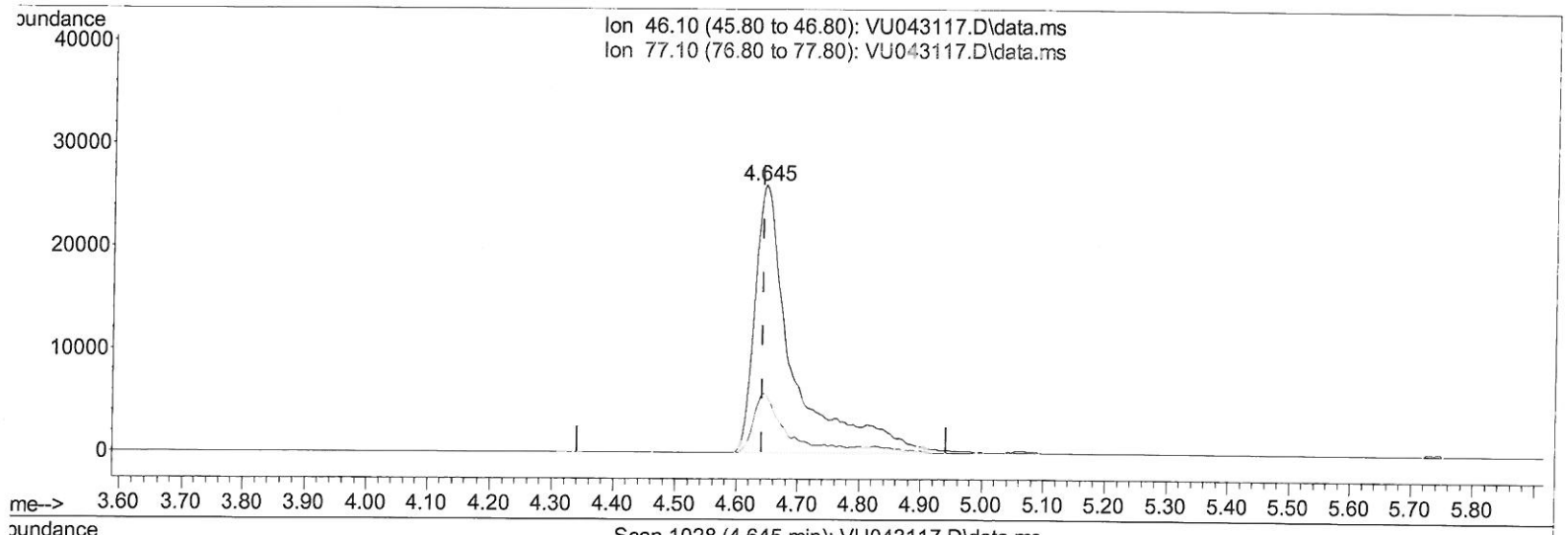
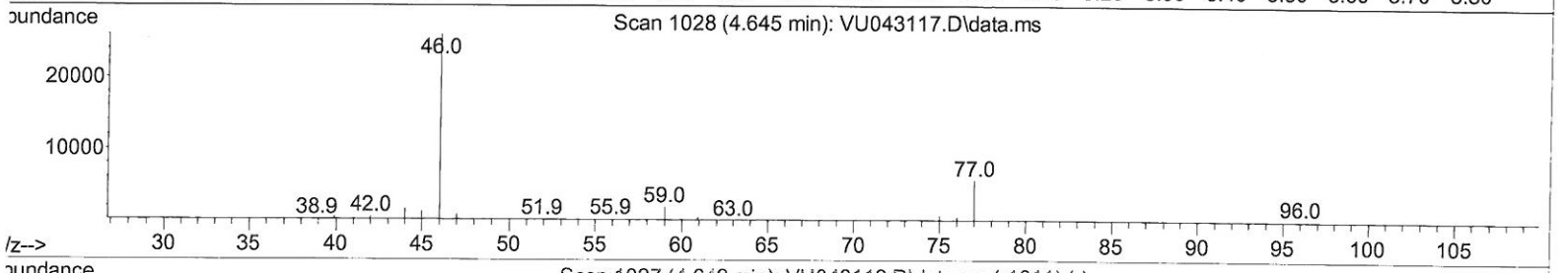
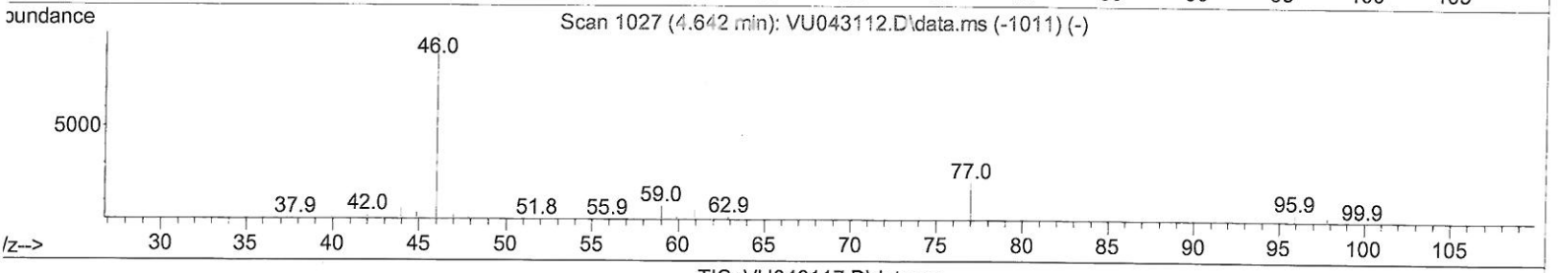
Quant Time: Apr 16 05:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 05:01:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AT1

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:19:01 AM







TIC: VU043117.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (+ 0.003) 53.80 ug/L m → md 4/20/21

response 112027

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	14.15#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043117.D
Acq On : 15 Apr 2021 13:44
Operator : SY/MD
Sample : M1986-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 05:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 05:01:39 2021
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0AT1

Manual Integrations APPROVED
MMDadoda
4/19/2021 10:19:01 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	93356	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	92554	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	46087	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	24399	5.14	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 102.80%			
7) Chloroethane-d5	1.916	69	23116	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.40%			
11) 1,1-Dichloroethene-d2	2.571	65	14233	5.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.60%			
20) 2-Butanone-d5	4.645	46	112027m	53.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.60%			
24) Chloroform-d	5.073	84	59982	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.713	65	38754	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
32) Benzene-d6	5.735	84	112967	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.700	67	37227	5.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 104.20%			
41) Toluene-d8	7.906	98	106715	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloroprop...	8.189	79	15004	4.75	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.00%			
46) 2-Hexanone-d5	8.645	63	80324	51.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.06%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	30243	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
66) 1,2-Dichlorobenzene-d4	12.201	152	41478	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.141	101	24298	2.13	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	6493	0.99	ug/L	89
25) Chloroform	5.105	83	2009	0.16	ug/L	99
34) Trichloroethene	6.552	95	74488	10.93	ug/L	96
47) Tetrachloroethene	8.562	164	75314	13.94	ug/L	94

MD 4/20/21

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