

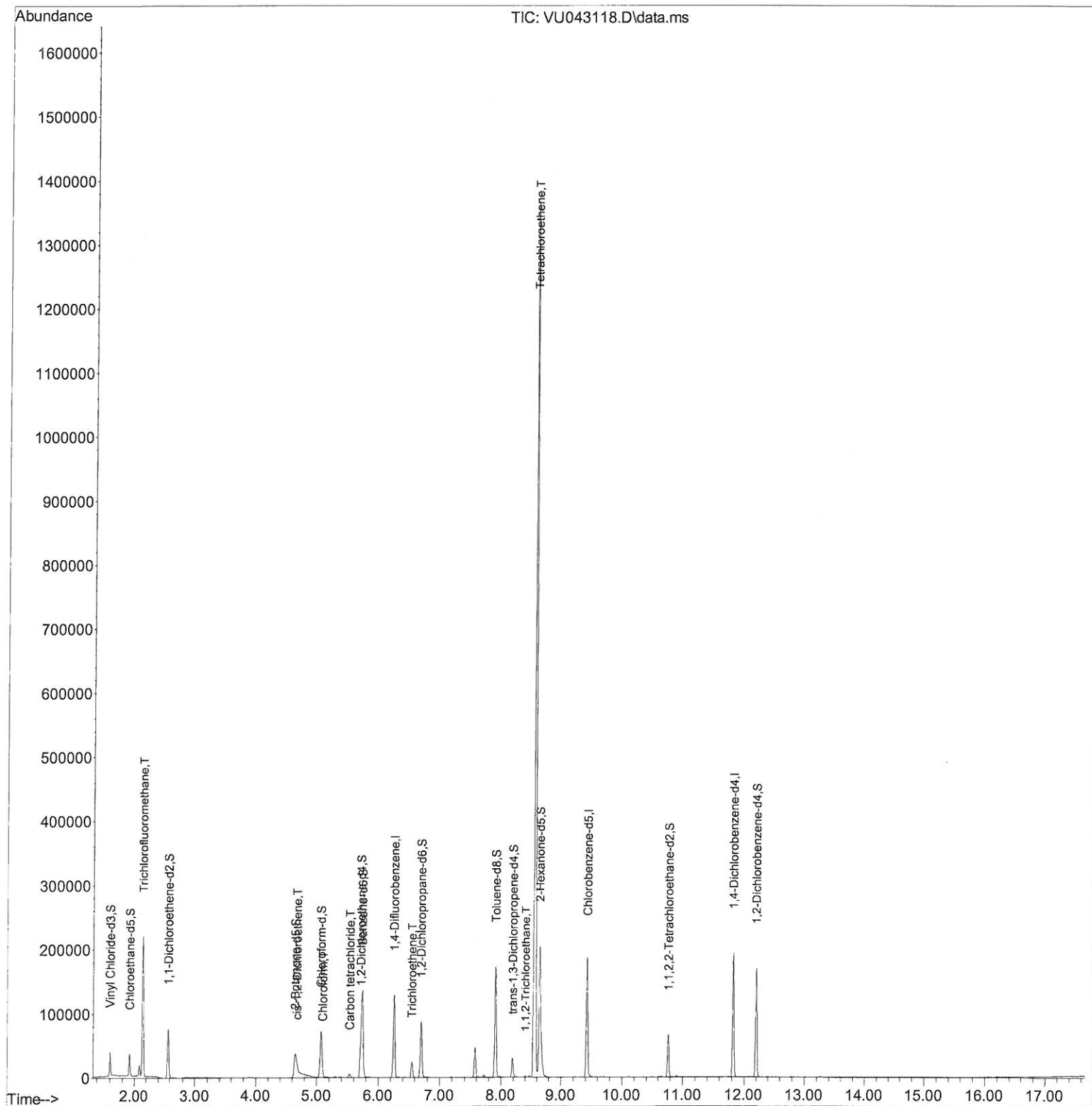
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043118.D
Acq On : 15 Apr 2021 14:08
Operator : SY/MD
Sample : M1986-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT2

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:19:06 AM

Quant Time: Apr 16 05:35:46 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



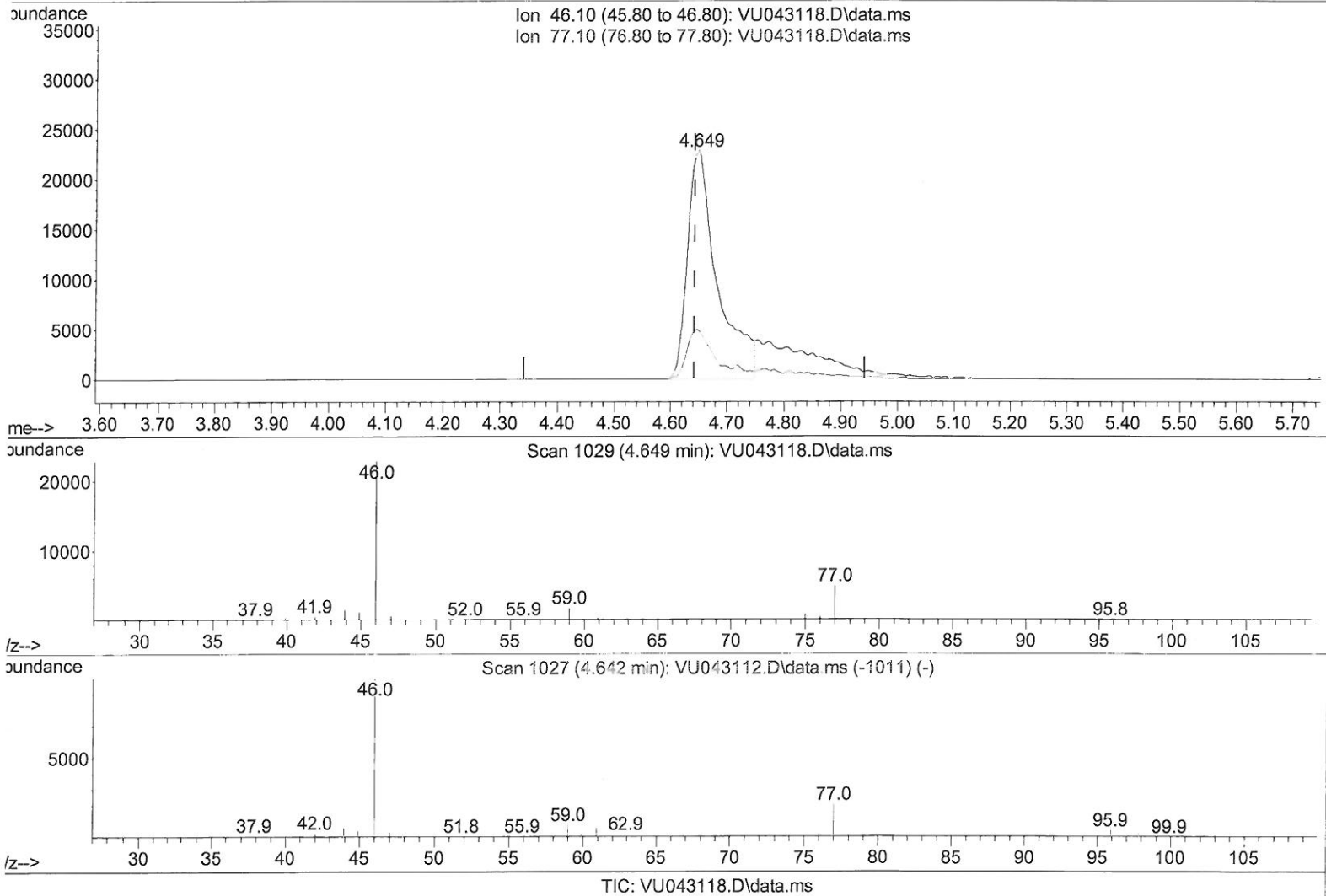
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(20) 2-Butanone-d5 (S)

4.649min (+ 0.007) 38.92 ug/L

response 84093

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	18.65#
0.00	0.00	0.00
0.00	0.00	0.00

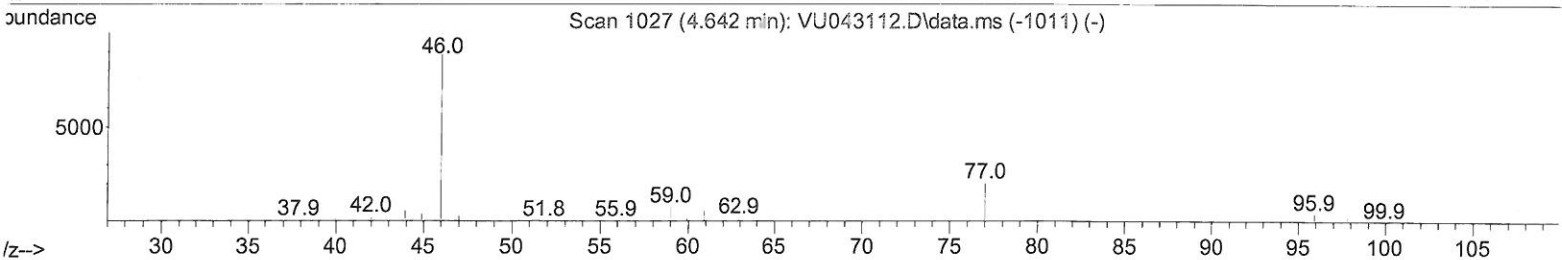
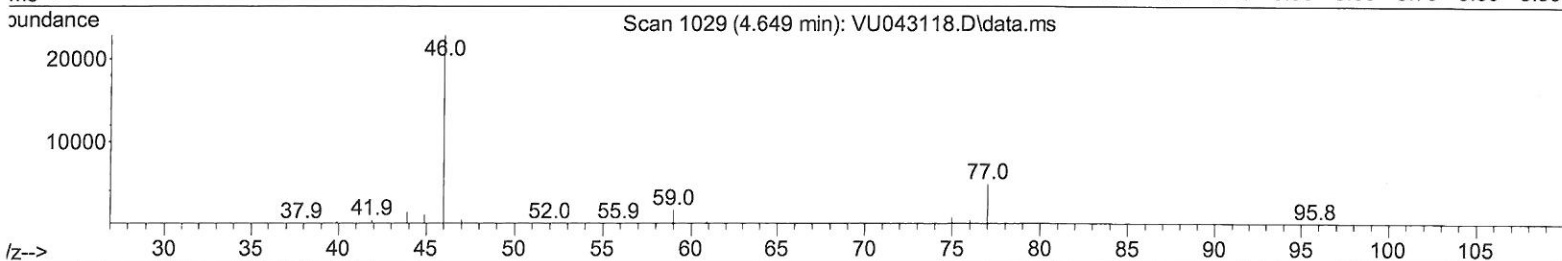
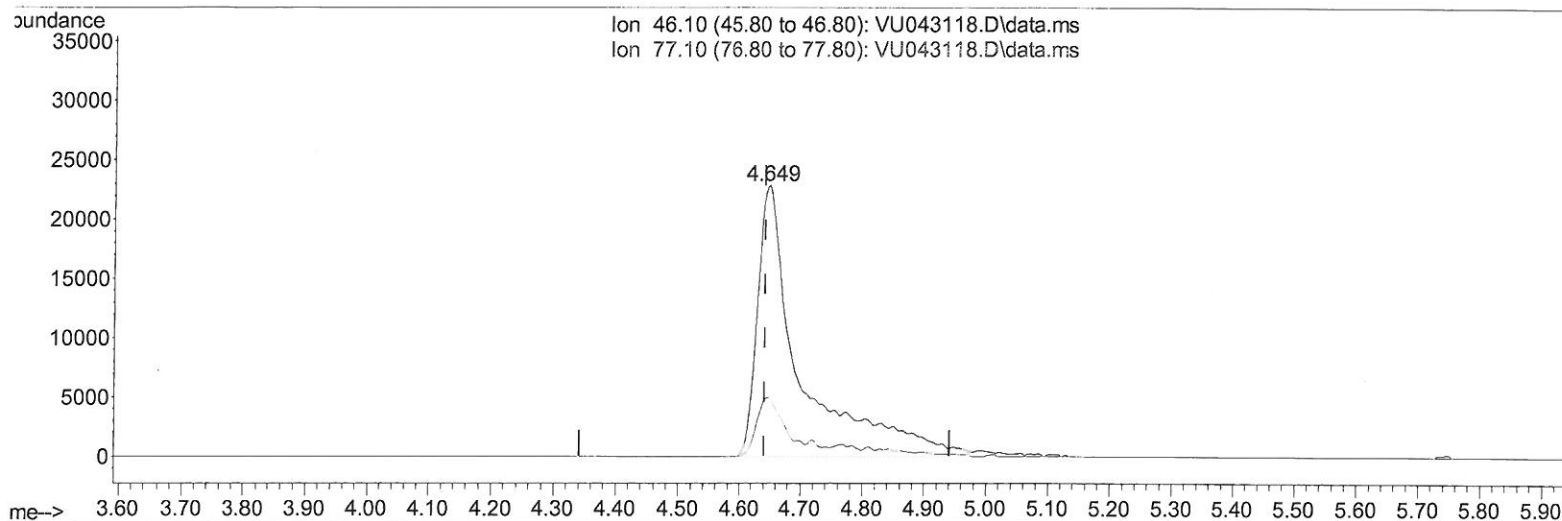
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 Data File : VU043118.D
 Acq On : 15 Apr 2021 14:08
 Operator : SY/MD
 Sample : M1986-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT2

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:19:06 AM

Quant Time: Apr 16 05:35:46 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



TIC: VU043118.D\data.ms

(20) 2-Butanone-d5 (S)

4.649min (+ 0.007) 51.43 ug/L m

7 MD
4/20/21

response 111111

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	14.11#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043118.D
 Acq On : 15 Apr 2021 14:08
 Operator : SY/MD
 Sample : M1986-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampled :
 C0AT2

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:19:06 AM

Quant Time: Apr 16 05:35:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 Last Update : Fri Apr 16 05:01:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	96869	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	94596	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	48519	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24501	4.97	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.40%	
7) Chloroethane-d5	1.919	69	22481	4.85	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.00%	
11) 1,1-Dichloroethene-d2	2.572	65	14819	5.20	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	104.00%	
20) 2-Butanone-d5	4.649	46	111111m	51.43	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.86%	
24) Chloroform-d	5.073	84	61604	4.92	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.40%	
26) 1,2-Dichloroethane-d4	5.713	65	38849	4.59	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.80%	
32) Benzene-d6	5.735	84	111794	5.08	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.60%	
36) 1,2-Dichloropropane-d6	6.700	67	37165	5.09	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.80%	
41) Toluene-d8	7.906	98	105854	4.62	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.40%	
43) trans-1,3-Dichloroprop...	8.189	79	15902	4.93	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.60%	
46) 2-Hexanone-d5	8.645	63	83091	51.65	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.30%	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	30950	4.82	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.40%	
66) 1,2-Dichlorobenzene-d4	12.201	152	41143	4.95	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.00%	
Target Compounds						
9) Trichlorofluoromethane	2.144	101	134014	11.30	ug/L	Qvalue 100
22) cis-1,2-Dichloroethene	4.678	96	2169	0.32	ug/L	96
25) Chloroform	5.099	83	3370	0.25	ug/L	93
31) Carbon tetrachloride	5.533	117	3488	0.36	ug/L	93
34) Trichloroethene	6.549	95	7762	1.11	ug/L	91
45) 1,1,2-Trichloroethane	8.411	97	614	0.12	ug/L	80
47) Tetrachloroethene	8.562	164	284107	51.44	ug/L	97

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 4/20/21

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