

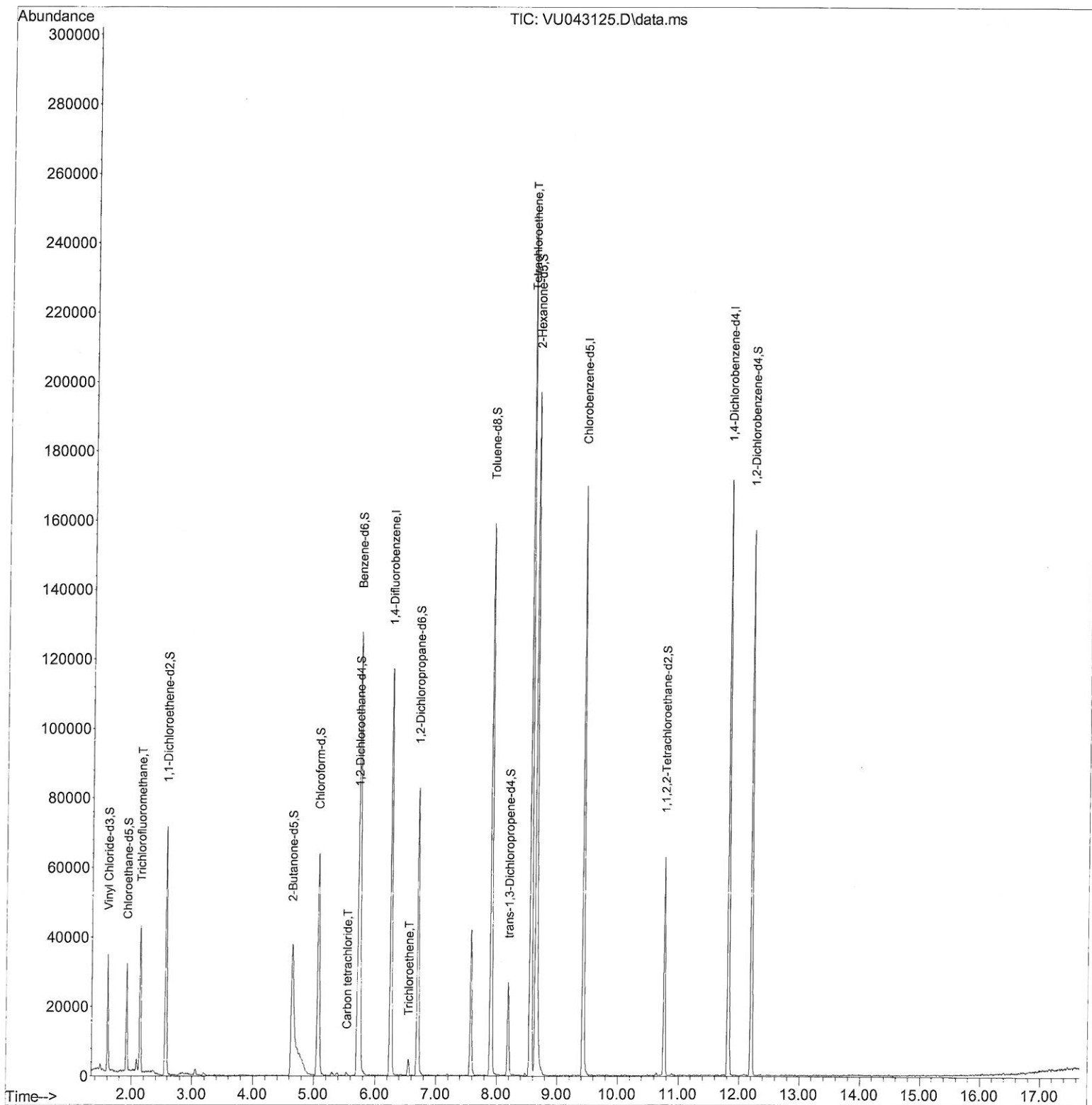
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043125.D
Acq On : 15 Apr 2021 16:55
Operator : SY/MD
Sample : M1986-02DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT2DL

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:19:49 AM

Quant Time: Apr 16 05:37:26 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



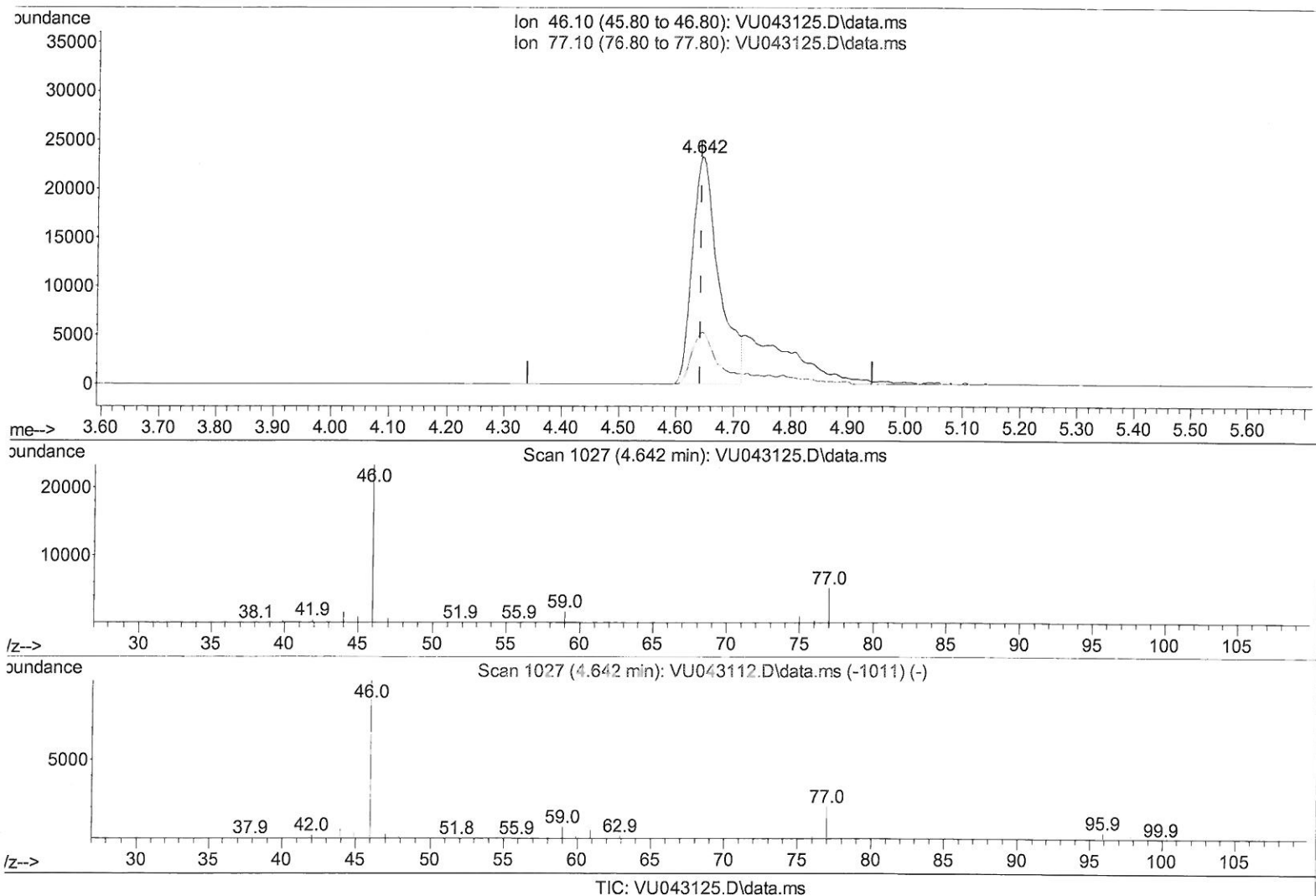
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(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 38.26 ug/L

response 74415

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	21.82
0.00	0.00	0.00
0.00	0.00	0.00

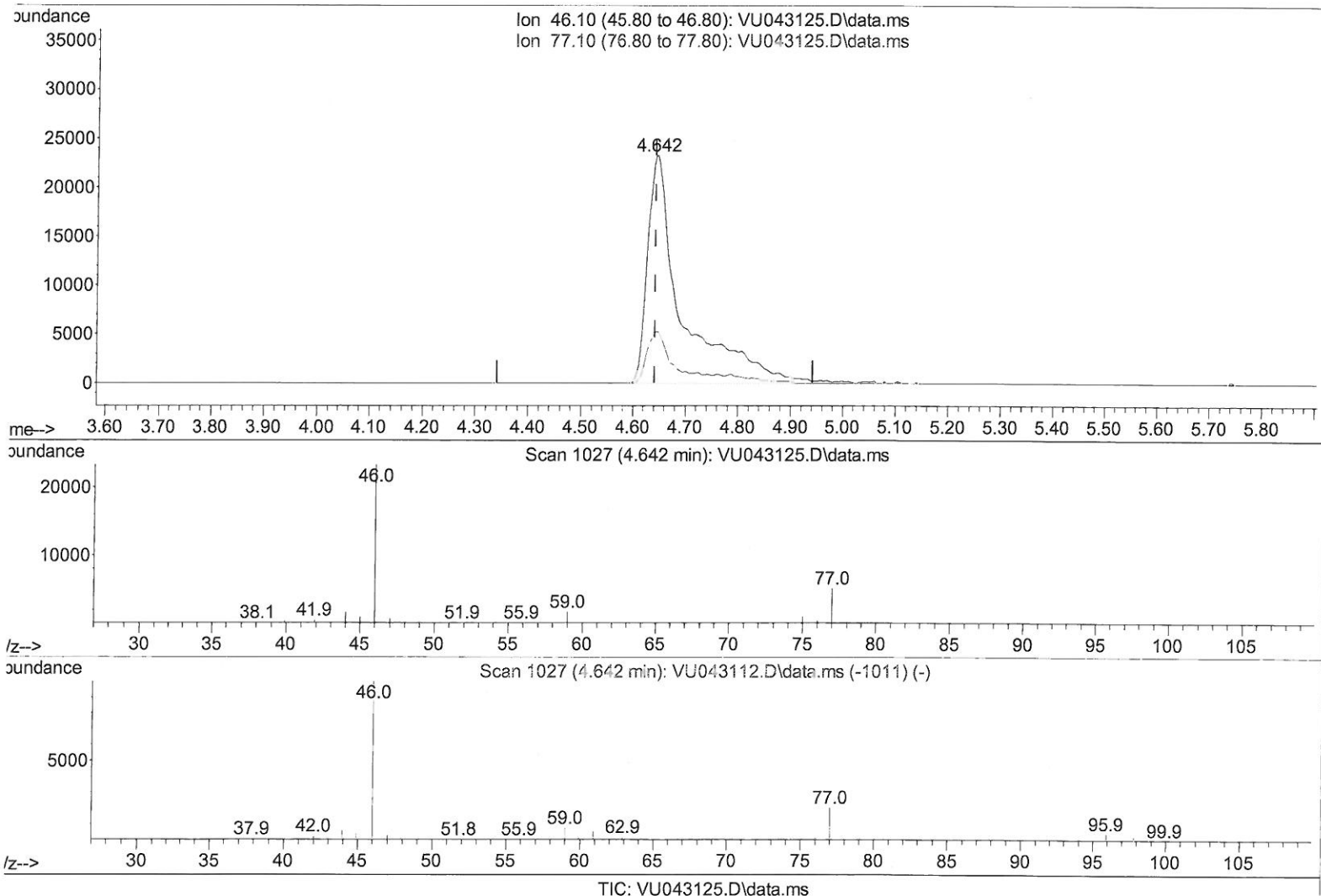
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(20) 2-Butanone-d5 (S)

4.642min (+ 0.000) 54.08 ug/L m

response 105191

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	15.43#
0.00	0.00	0.00
0.00	0.00	0.00

MD
 4/20/21

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	87213	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	86443	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42828	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	22398	5.05	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	101.00%	
7) Chloroethane-d5	1.919	69	21193	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	101.40%	
11) 1,1-Dichloroethene-d2	2.571	65	13746	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	107.20%	
20) 2-Butanone-d5	4.642	46	105191m	54.08	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	108.16%	
24) Chloroform-d	5.073	84	56905	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	101.00%	
26) 1,2-Dichloroethane-d4	5.713	65	37302	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	97.80%	
32) Benzene-d6	5.735	84	104344	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	103.60%	
36) 1,2-Dichloropropane-d6	6.700	67	34445	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	103.20%	
41) Toluene-d8	7.906	98	98219	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	93.80%	
43) trans-1,3-Dichloroprop...	8.189	79	14075	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	95.60%	
46) 2-Hexanone-d5	8.645	63	74874	50.93	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	101.86%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28665	4.88	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	97.60%	
66) 1,2-Dichlorobenzene-d4	12.201	152	38891	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	106.00%	
Target Compounds						
9) Trichlorofluoromethane	2.144	101	26212	2.45	ug/L	Qvalue 100
31) Carbon tetrachloride	5.533	117	668	0.08	ug/L	97
34) Trichloroethene	6.552	95	1456	0.23	ug/L	83
47) Tetrachloroethene	8.562	164	53334	10.57	ug/L	96

ME
 4/20/21

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