

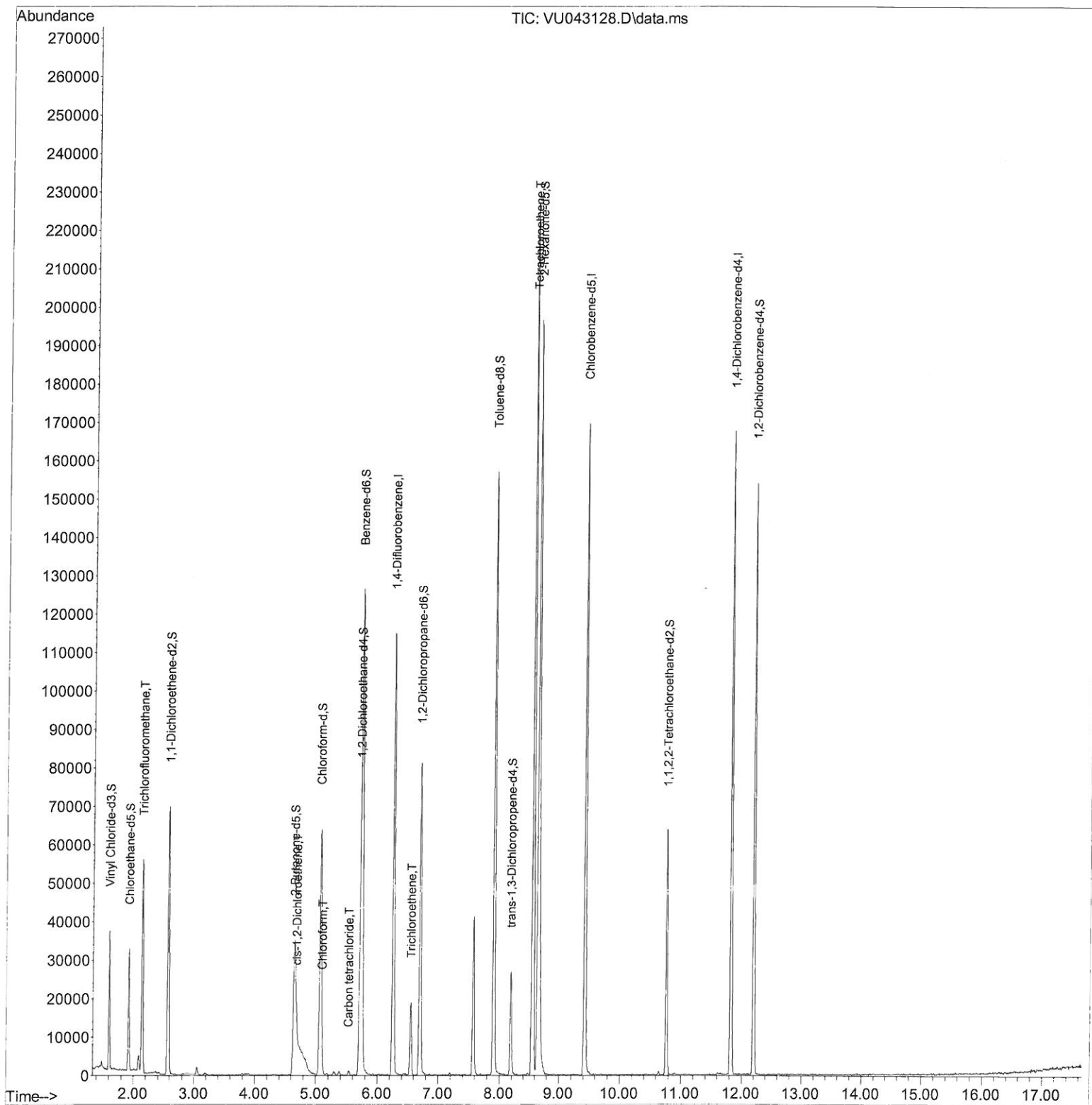
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043128.D
Acq On : 15 Apr 2021 18:08
Operator : SY/MD
Sample : M1986-05DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Manual Integrations
APPROVED

MMDadoda
4/19/2021 10:20:06 AM

Quant Time: Apr 16 05:38:11 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



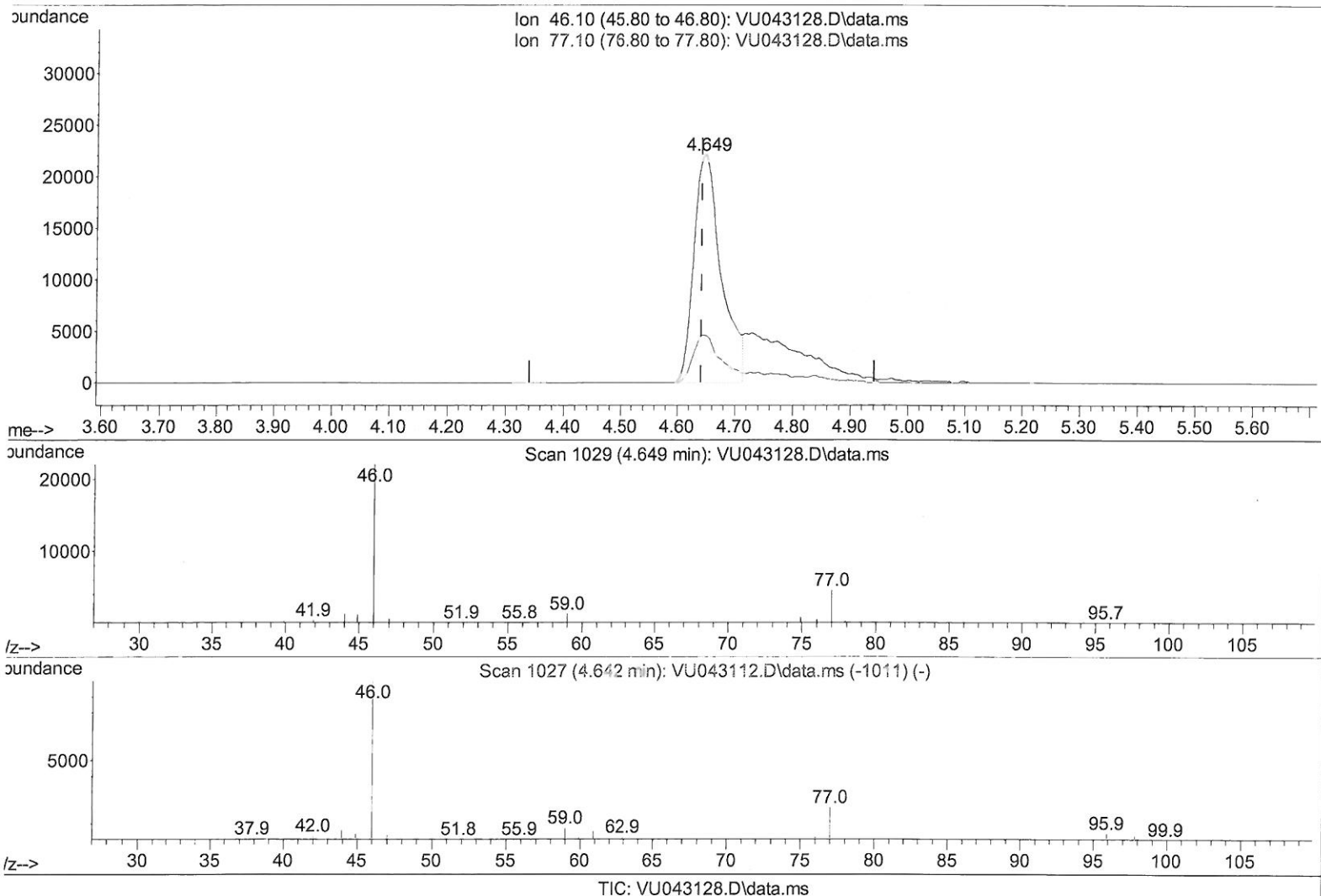
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(20) 2-Butanone-d5 (S)

4.649min (+ 0.007) 38.38 ug/L

response 73229

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	21.50
0.00	0.00	0.00
0.00	0.00	0.00

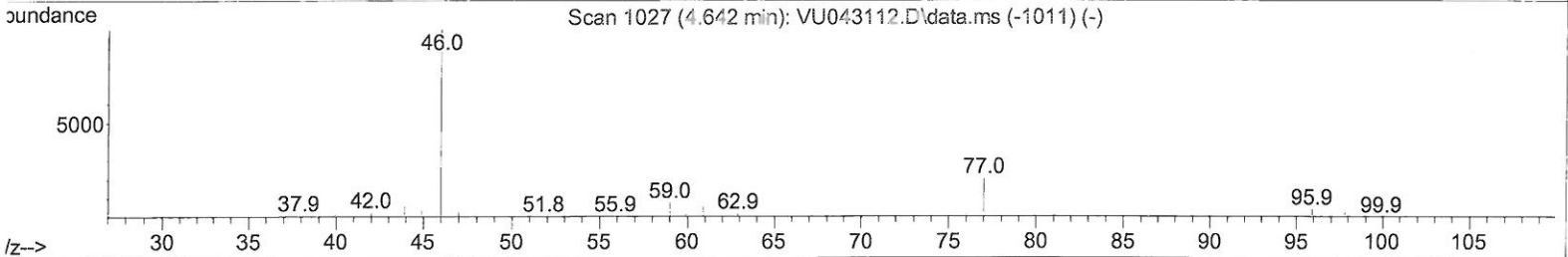
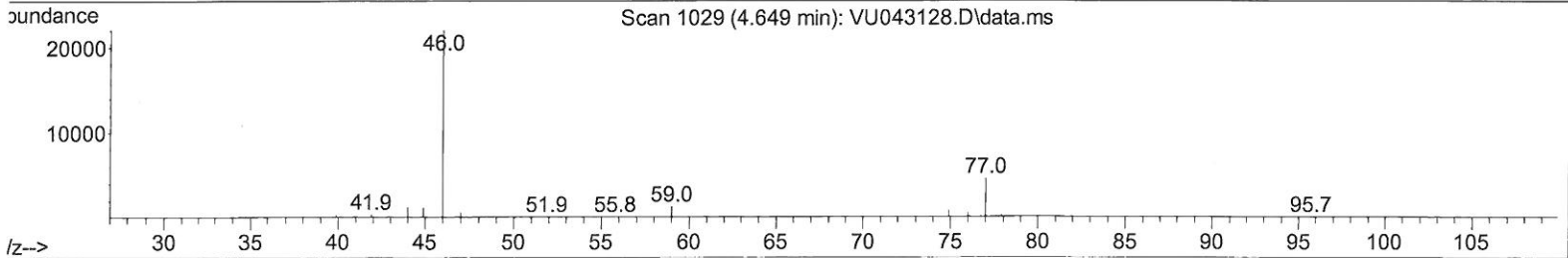
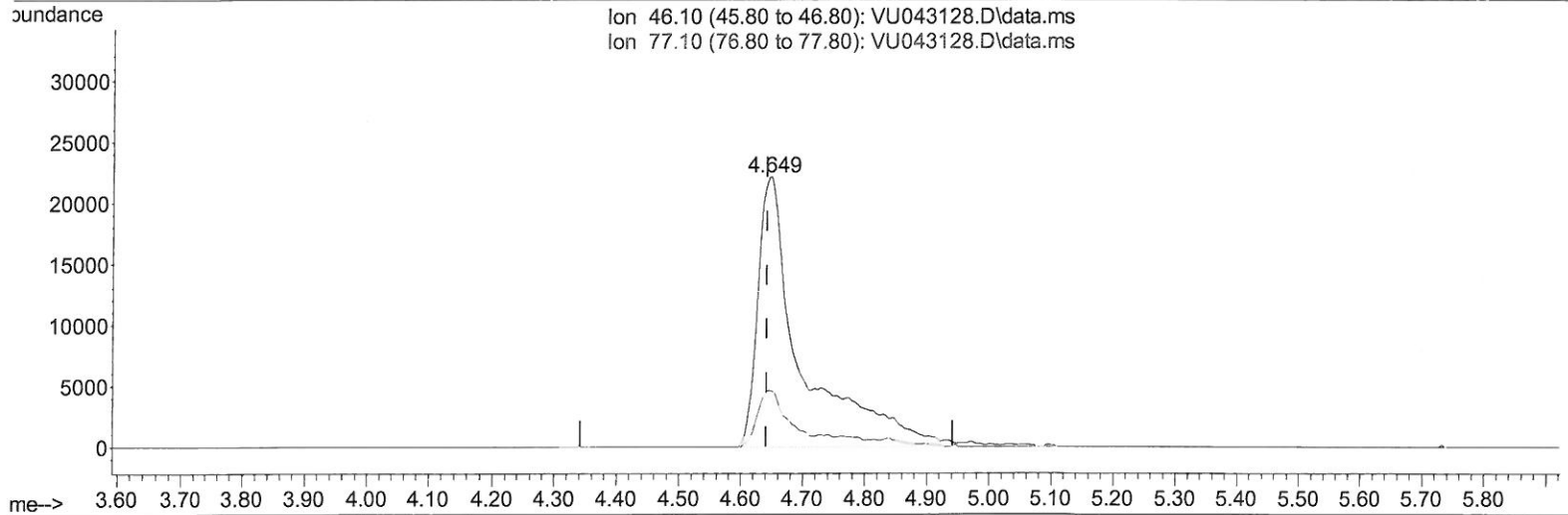
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TIC: VU043128.D\data.ms

(20) 2-Butanone-d5 (S)

4.649min (+ 0.007) 56.21 ug/L m

response 107238

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.60	14.68#
0.00	0.00	0.00
0.00	0.00	0.00

7 mg
 4/20/21

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 Operator : SY/MD
 Sample : M1986-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT5DL

Manual Integrations
 APPROVED

MMDadoda
 4/19/2021 10:20:06 AM

Quant Time: Apr 16 05:38:11 2021
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 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	6.256	114	85541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	84251	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	42006	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22876	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.919	69	21151	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.20%			
11) 1,1-Dichloroethene-d2	2.575	65	13742	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 109.20%			
20) 2-Butanone-d5	4.649	46	107238m	56.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.42%			
24) Chloroform-d	5.073	84	56129	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.713	65	38109	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.80%			
32) Benzene-d6	5.735	84	104391	5.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.40%			
36) 1,2-Dichloropropane-d6	6.697	67	34893	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.906	98	98287	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
43) trans-1,3-Dichloroprop...	8.186	79	14092	4.91	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.20%			
46) 2-Hexanone-d5	8.645	63	77442	54.05	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.10%			
56) 1,1,2,2-Tetrachloroeth...	10.767	84	29888	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
66) 1,2-Dichlorobenzene-d4	12.201	152	38180	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	34235	3.27	ug/L	100
22) cis-1,2-Dichloroethene	4.681	96	1142	0.19	ug/L #	61
25) Chloroform	5.099	83	1826	0.16	ug/L	92
31) Carbon tetrachloride	5.530	117	736	0.08	ug/L #	80
34) Trichloroethene	6.549	95	6292	1.01	ug/L	92
47) Tetrachloroethene	8.562	164	47044	9.56	ug/L	96

7 MD
 4/20/21

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