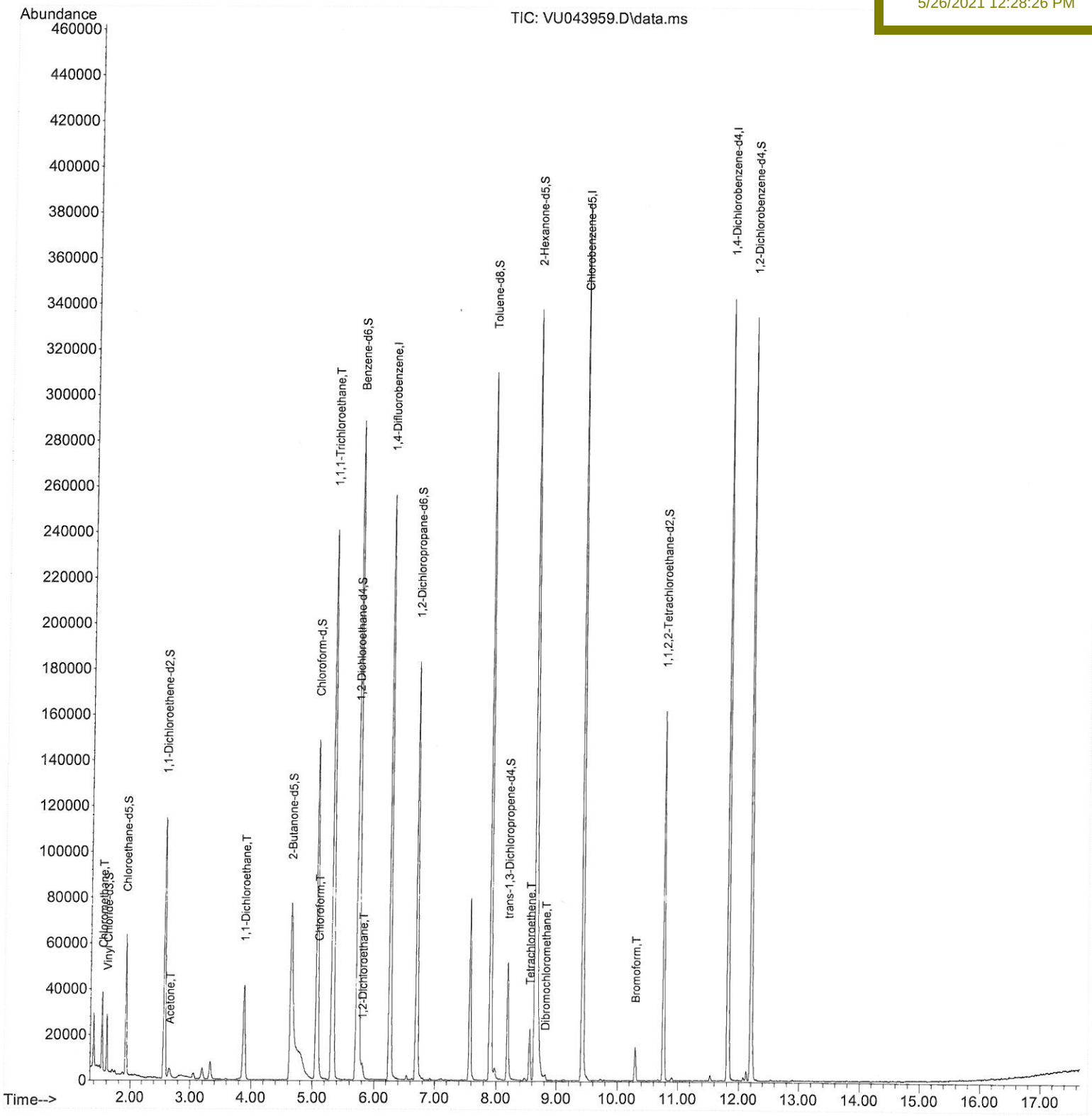
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043959.D
Acq On : 25 May 2021 13:24
Operator : SY/MD
Sample : M2464-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Quant Time: May 25 14:30:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
GB447

Manual Integrations APPROVED
MMDadoda
5/26/2021 12:28:26 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043959.D
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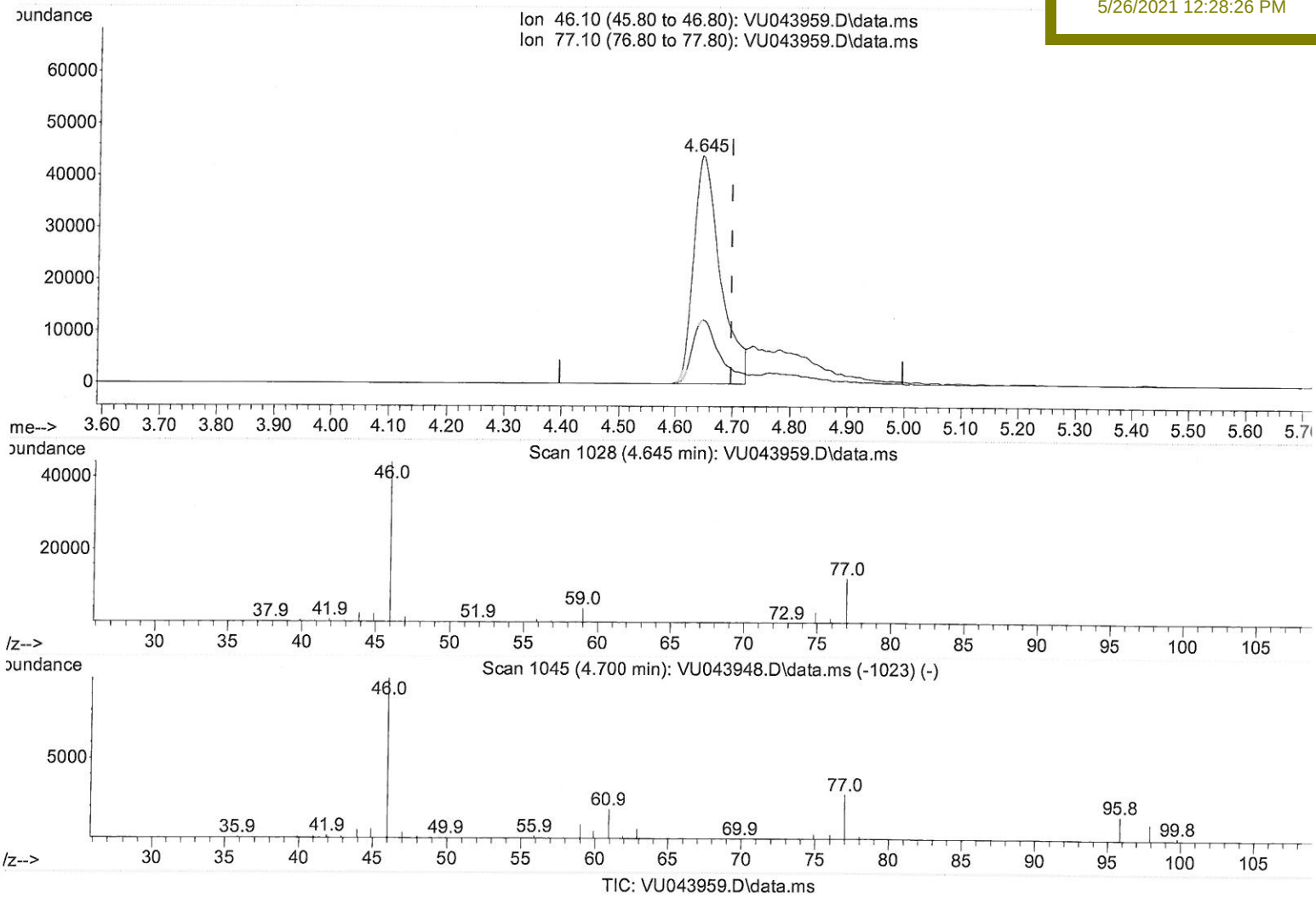

(20) 2-Butanone-d5 (S)

4.645min (-0.051) 36.94 ug/L

response 143661

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	27.00	28.68
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
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Operator : SY/MD
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ALS Vial : 59 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
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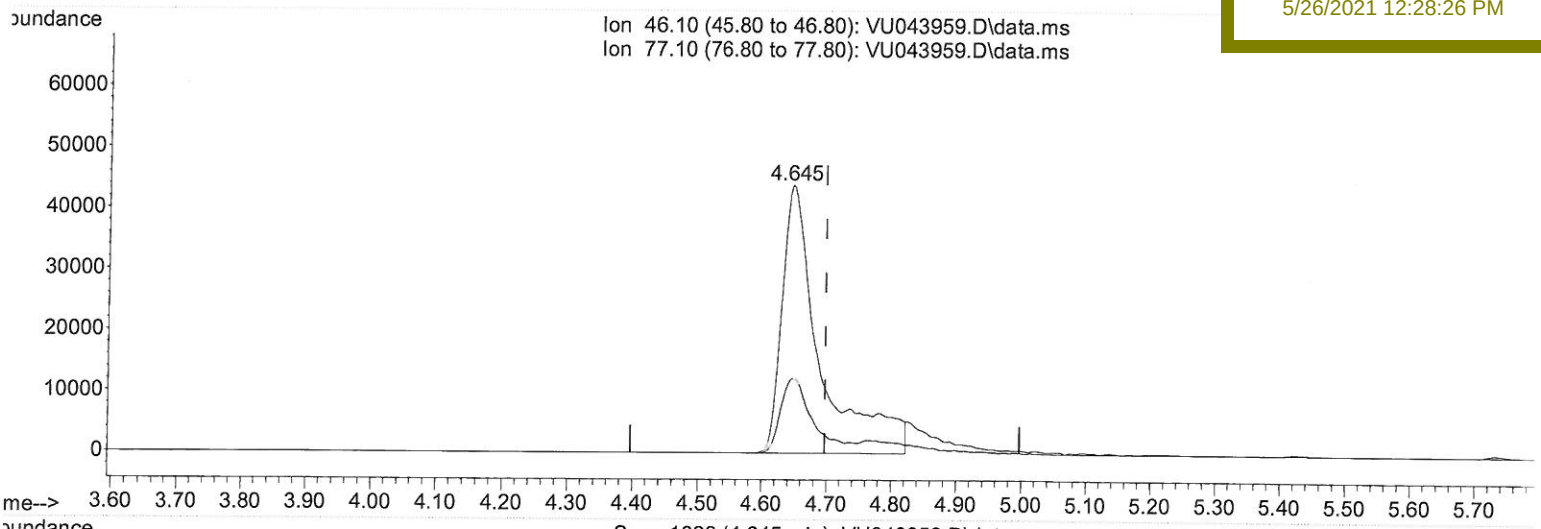
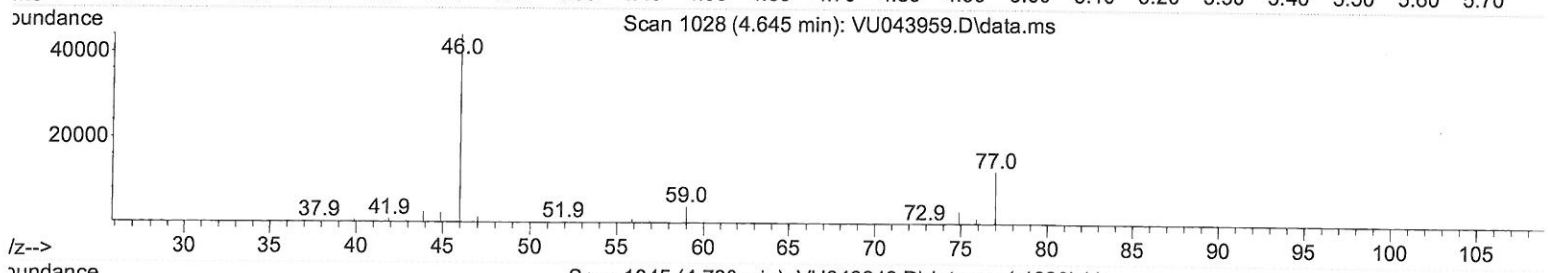
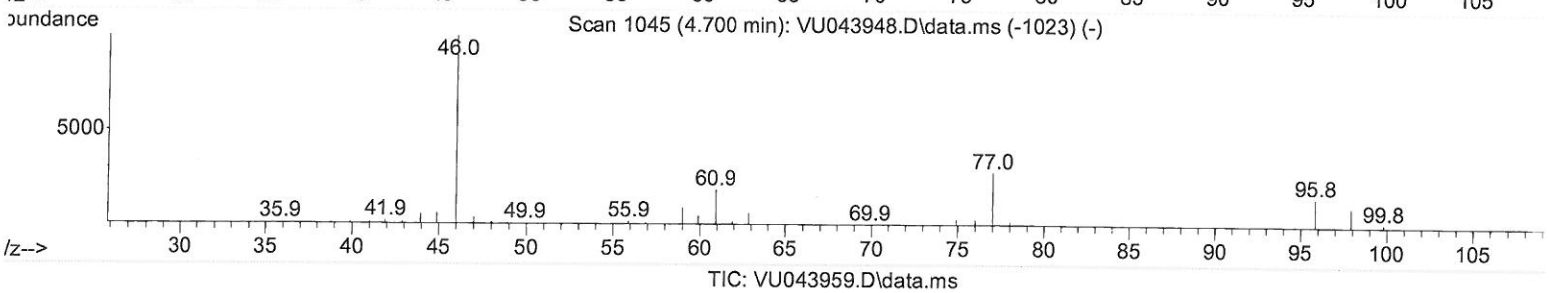
Instrument :
MSVOA_U
ClientSampleId :
GB447

Manual Integrations APPROVED
MMDadoda
5/26/2021 12:28:26 PM







TIC: VU043959.D\data.ms

(20) 2-Butanone-d5 (S)

4.645min (-0.051) 46.63 ug/L m

response 181319

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	27.00	22.73
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043959.D
Acq On : 25 May 2021 13:24
Operator : SY/MD
Sample : M2464-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB447

Manual Integrations APPROVED
MMDadoda
5/26/2021 12:28:26 PM

Quant Time: May 25 14:30:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	220344	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	232052	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	99271	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16775	1.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 27.40%#			
7) Chloroethane-d5	1.919	69	45808	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.575	65	20673	3.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.20%			
20) 2-Butanone-d5	4.645	46	181319m	46.63	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.26%			
24) Chloroform-d	5.073	84	142128	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.713	65	73832	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.739	84	280412	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.700	67	94114	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.906	98	212672	3.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.40%			
43) trans-1,3-Dichloroprop...	8.189	79	30989	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.648	63	152856	48.73	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.46%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	82516	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
66) 1,2-Dichlorobenzene-d4	12.201	152	98822	5.48	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.60%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	23434	1.49	ug/L	98
13) Acetone	2.655	43	8575	4.18	ug/L	78
19) 1,1-Dichloroethane	3.883	63	48713	1.92	ug/L	98
25) Chloroform	5.099	83	5158	0.18	ug/L	91
27) 1,2-Dichloroethane	5.806	62	4150	0.25	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	177937	7.40	ug/L	99
47) Tetrachloroethene	8.558	164	5707	0.41	ug/L	93
49) Dibromochloromethane	8.816	129	1457	0.10	ug/L	97
59) Bromoform	10.298	173	7049	0.99	ug/L	97

MD 5/28/21

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