

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
Data File : VU046465.D
Acq On : 17 Dec 2021 12:40
Operator : SY/MD
Sample : M5101-13ME
Misc : 6.93g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGL37ME

Manual IntegrationsAPPROVED

Reviewed By :John

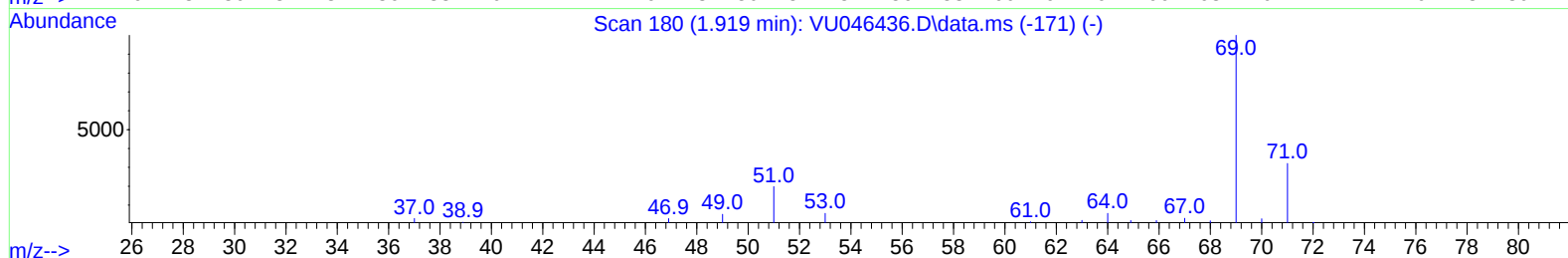
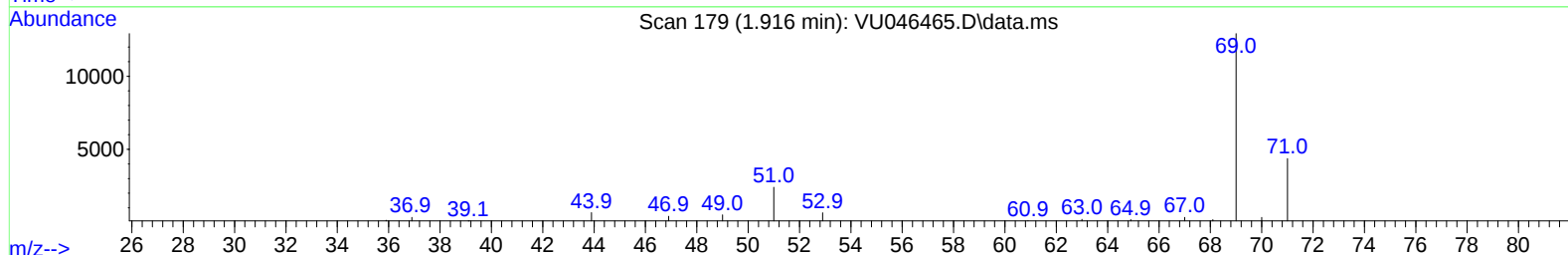
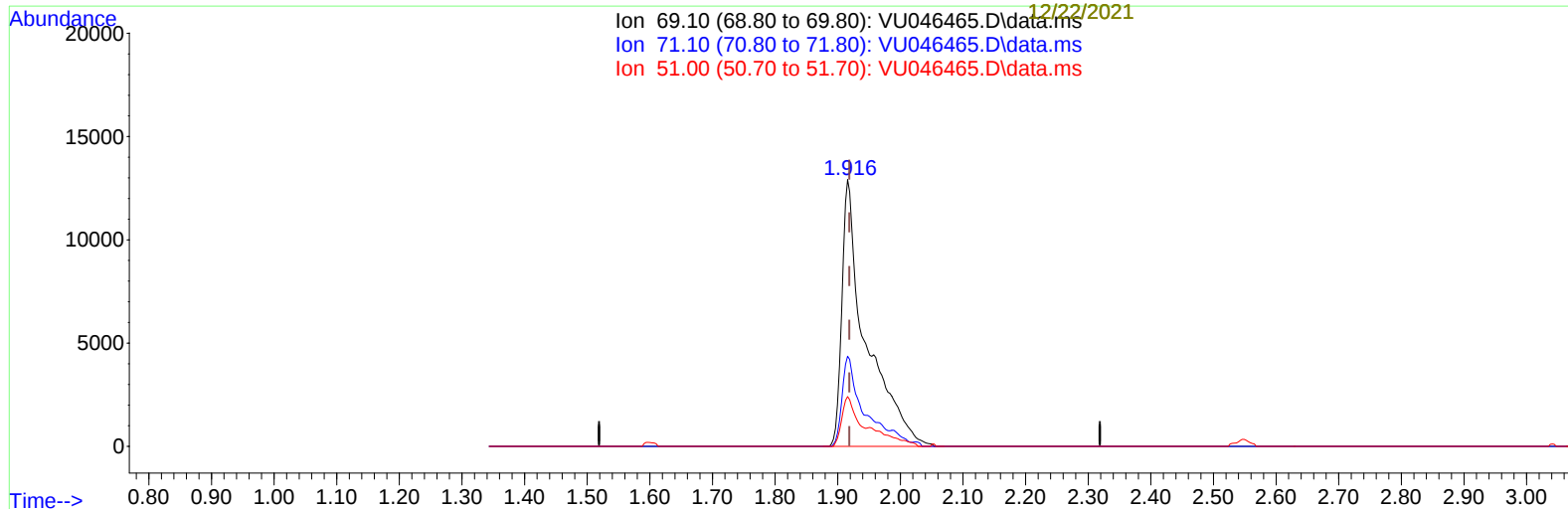
Carlone

12/22/2021

Supervised By :Mahesh

Dadoda

Quant Time: Dec 17 13:25:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 03:50:47 2021
Response via : Initial Calibration



TIC: VU046465.D\data.ms

(7) Chloroethane-d5 (S)

1.916min (-0.003) 35.09 ug/L m

response 34475

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	32.60	21.46#
51.00	24.70	11.96#
0.00	0.00	0.00

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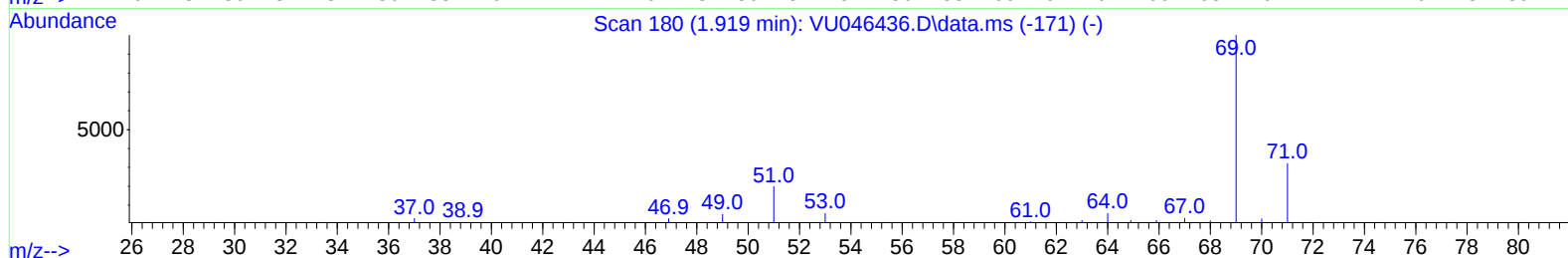
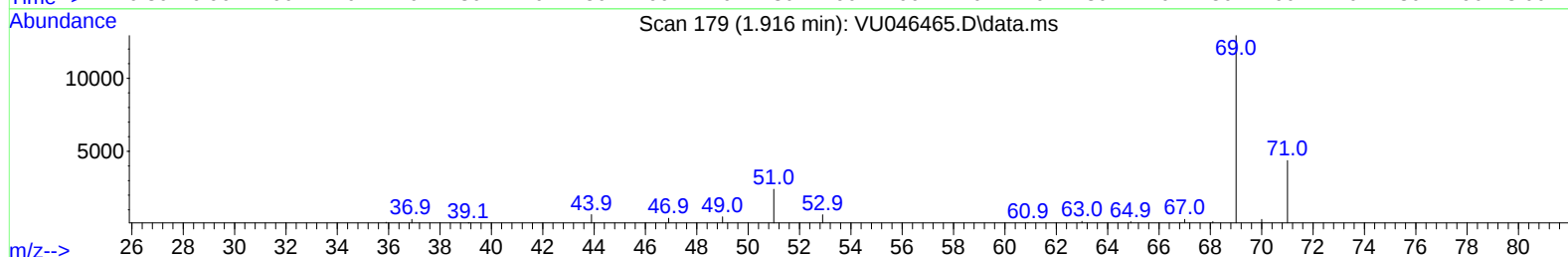
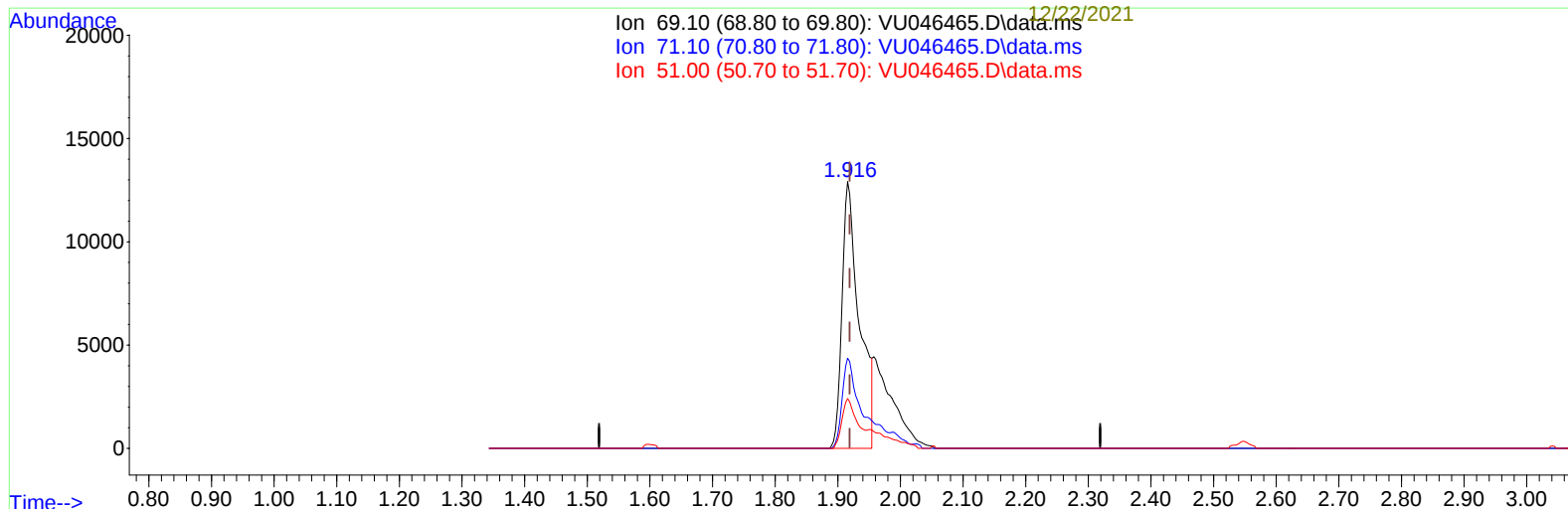
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(7) Chloroethane-d5 (S)

1.916min (-0.003) 25.25 ug/L

response 24807

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	32.60	29.83
51.00	24.70	16.62#
0.00	0.00	0.00

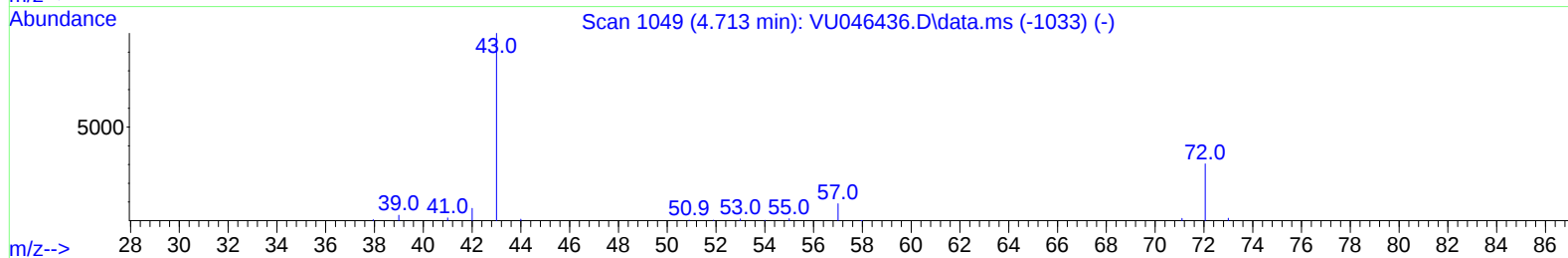
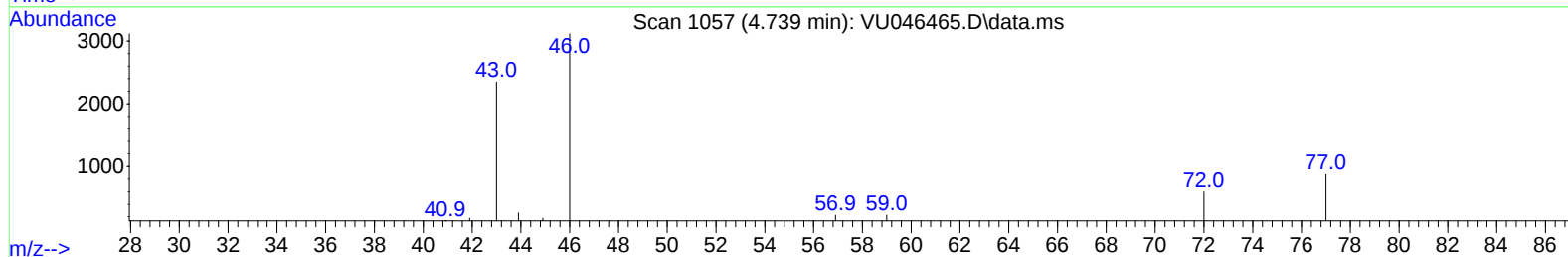
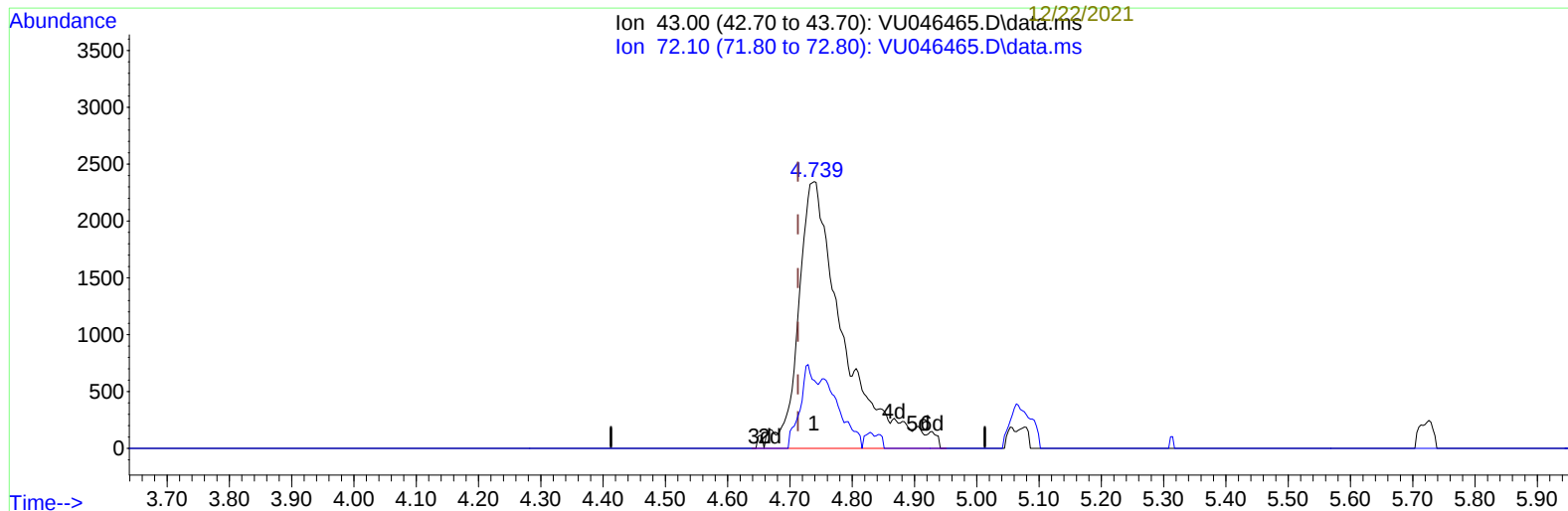
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(22) 2-Butanone (T)

4.739min (+ 0.026) 8.56 ug/L m

response 11853

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	29.10	11.16#
0.00	0.00	0.00
0.00	0.00	0.00

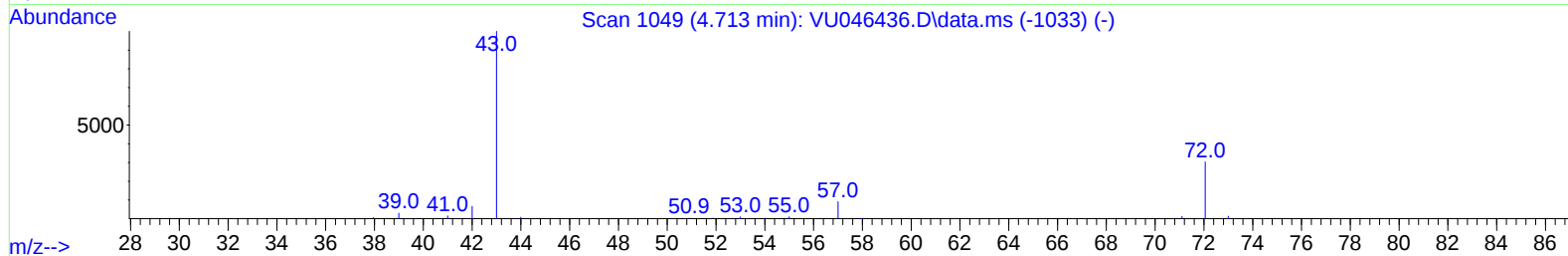
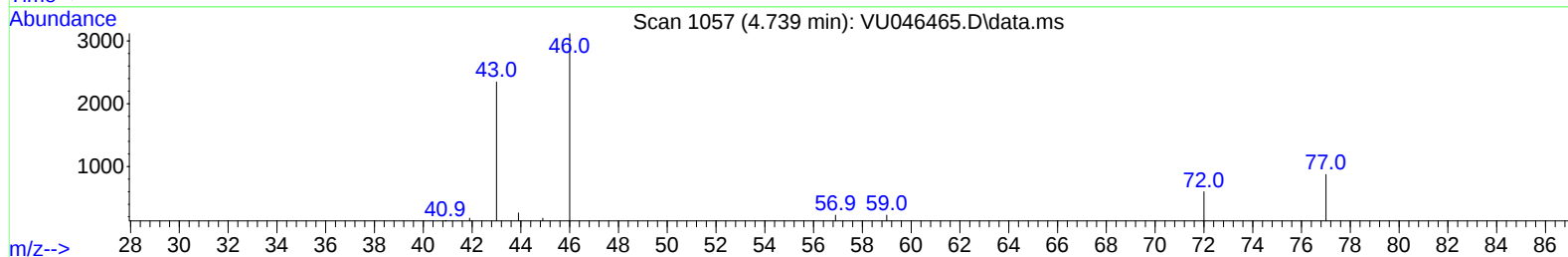
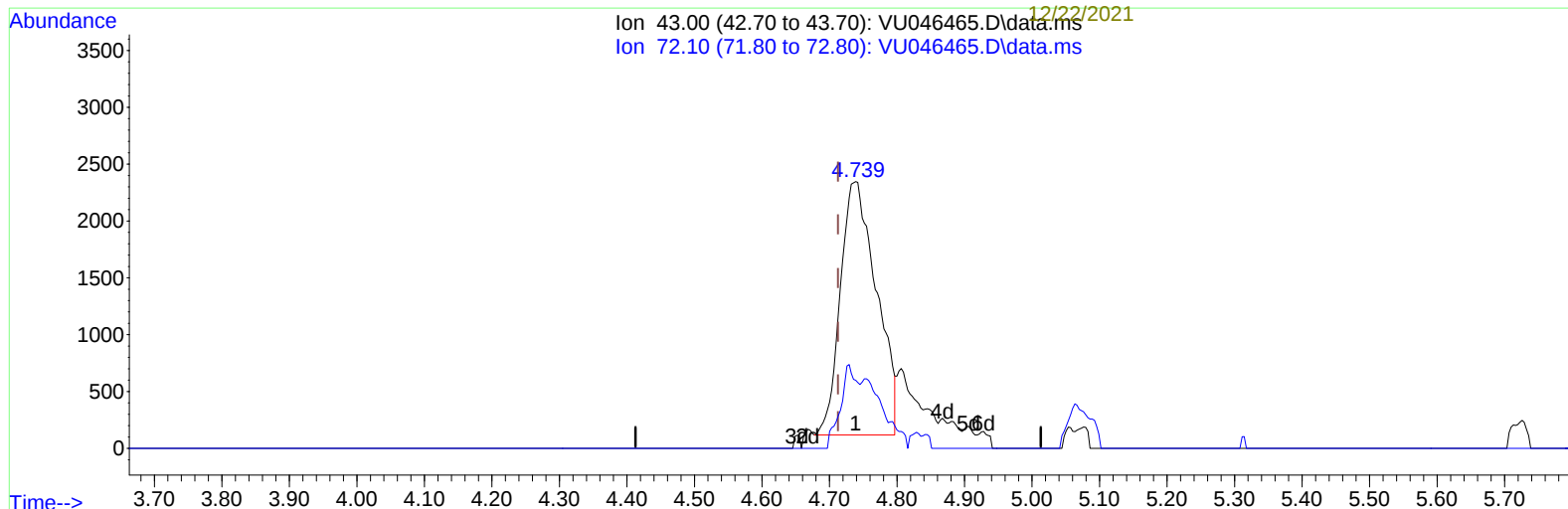
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(22) 2-Butanone (T)

4.739min (+ 0.026) 5.98 ug/L

response 8282

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	29.10	15.97
0.00	0.00	0.00
0.00	0.00	0.00

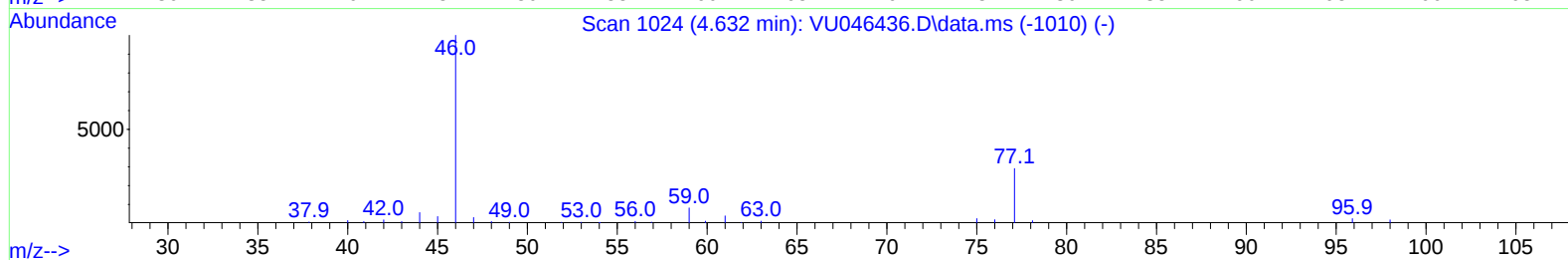
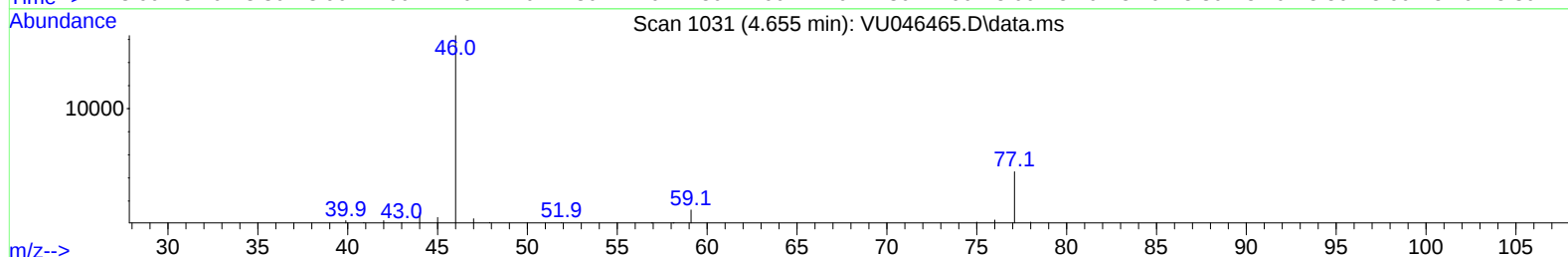
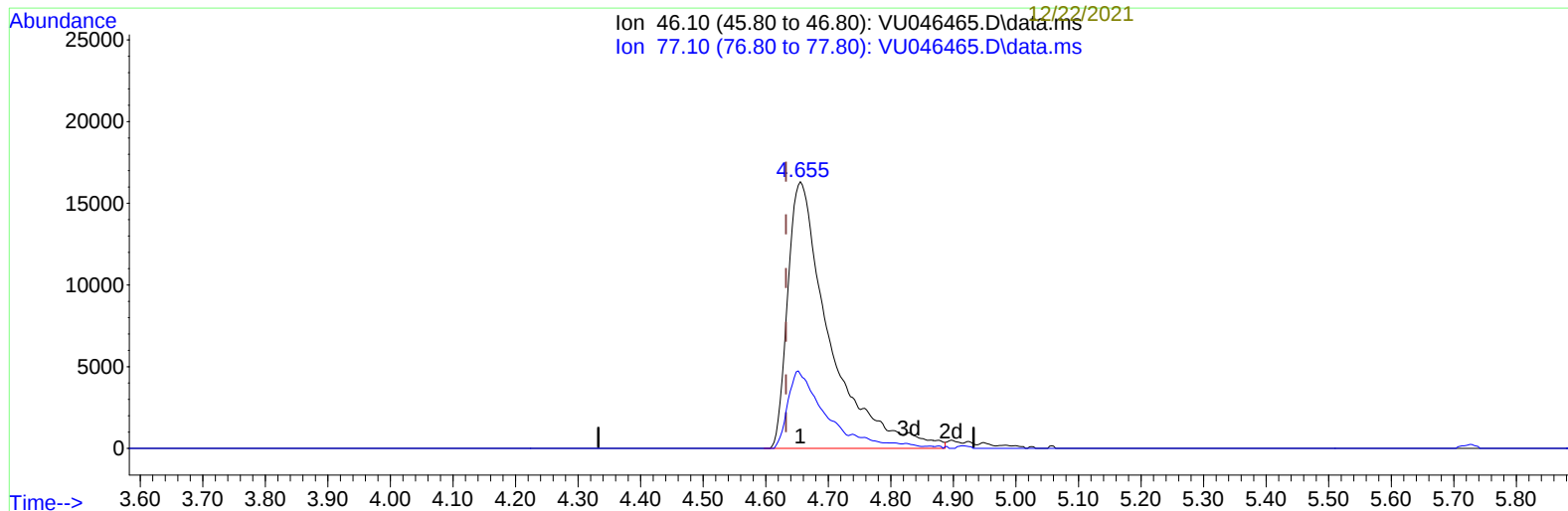
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(21) 2-Butanone-d5 (S)

4.655min (+ 0.023) 74.25 ug/L m

response 75540

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	23.21
0.00	0.00	0.00
0.00	0.00	0.00

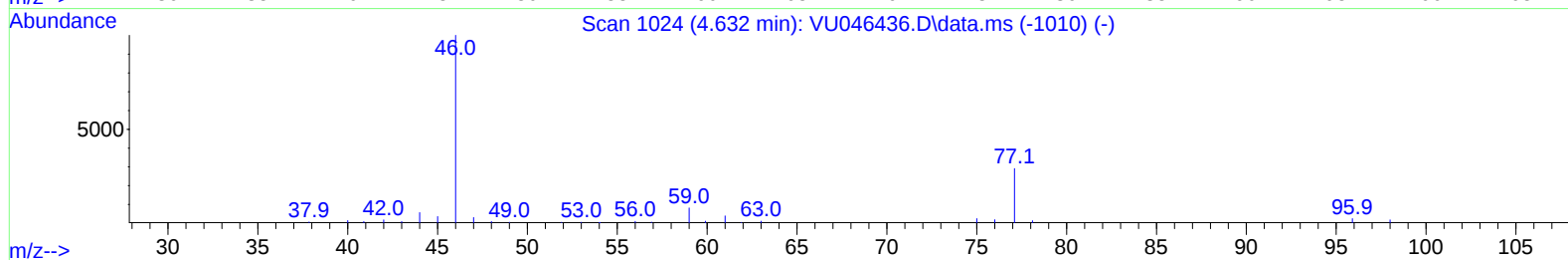
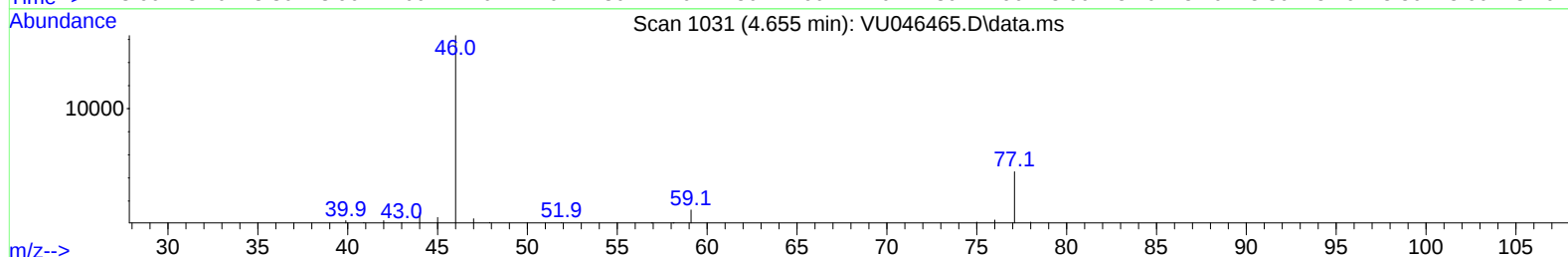
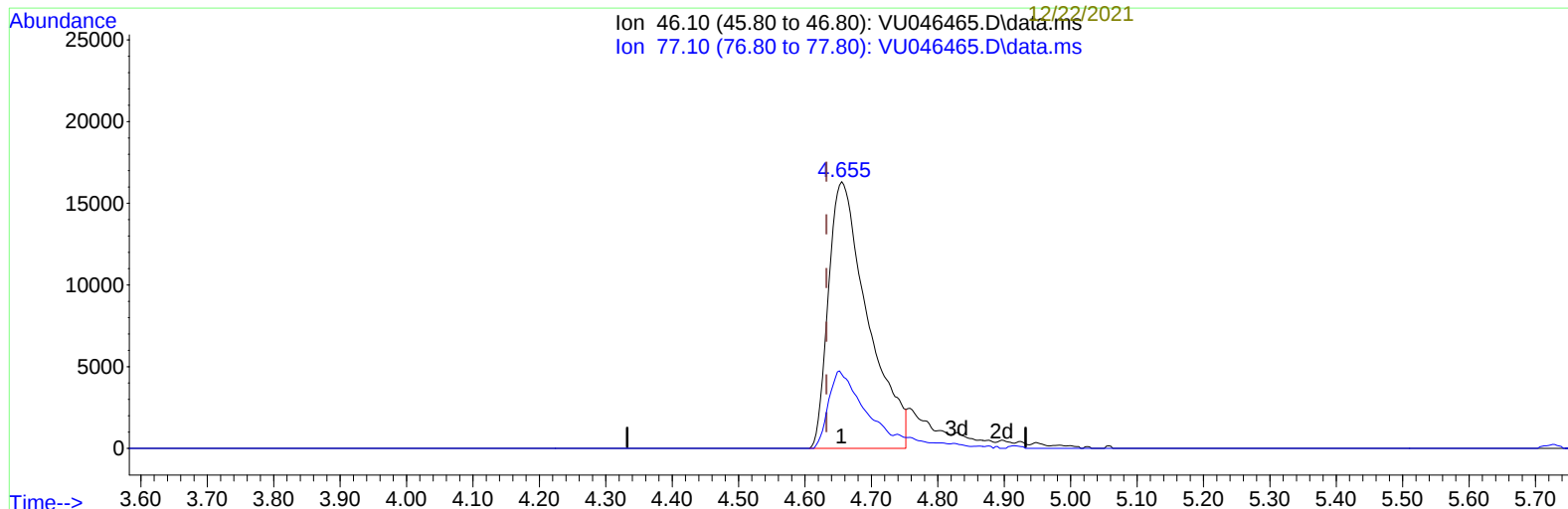
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VU046465.D\data.ms

(21) 2-Butanone-d5 (S)

4.655min (+ 0.023) 65.77 ug/L

response 66910

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	26.21
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	155354	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	160395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	77856	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	48395	37.817	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.640%		
7) Chloroethane-d5	1.916	69	34475m	35.087	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.180%		
11) 1,1-Dichloroethene-d2	2.546	63	67139	29.225	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.440%#		
21) 2-Butanone-d5	4.655	46	75540m	74.254	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	74.250%		
24) Chloroform-d	5.064	84	91693	42.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.820%		
26) 1,2-Dichloroethane-d4	5.703	65	63393	44.200	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.400%		
32) Benzene-d6	5.723	84	183021	39.811	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.620%		
36) 1,2-Dichloropropane-d6	6.694	67	57880	40.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.240%		
41) Toluene-d8	7.899	98	161912	38.682	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.360%#		
43) trans-1,3-Dichloroprop...	8.186	79	28307	41.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.320%		
47) 2-Hexanone-d5	8.684	63	56136	83.099	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.100%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	84446	39.083	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.160%		
66) 1,2-Dichlorobenzene-d4	12.201	152	61333	40.906	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.820%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.562	96	3310	3.081	ug/L	# 1
22) 2-Butanone	4.739	43	11853m	8.564	ug/L	
30) 1,1,1-Trichloroethane	5.314	97	109768	55.752	ug/L	100
34) Trichloroethene	6.543	95	17908	14.003	ug/L	96
42) Toluene	7.973	91	6816	1.308	ug/L	97
46) Tetrachloroethene	8.555	164	179589	191.087	ug/L	97

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

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