

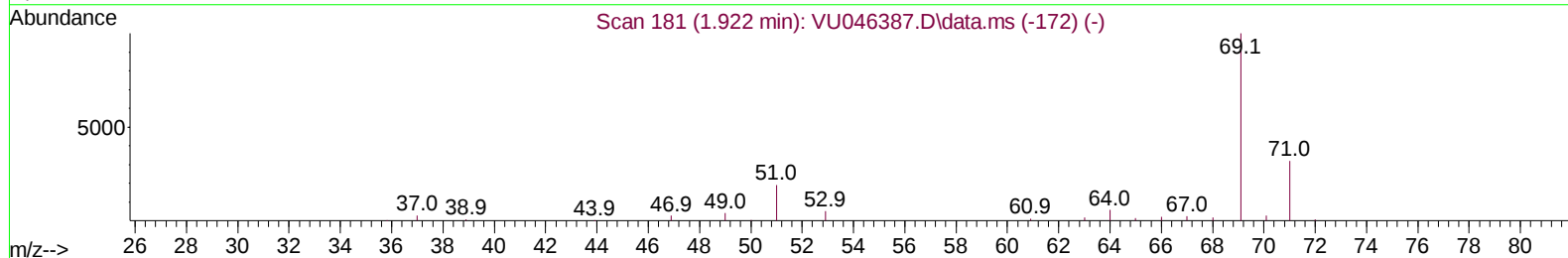
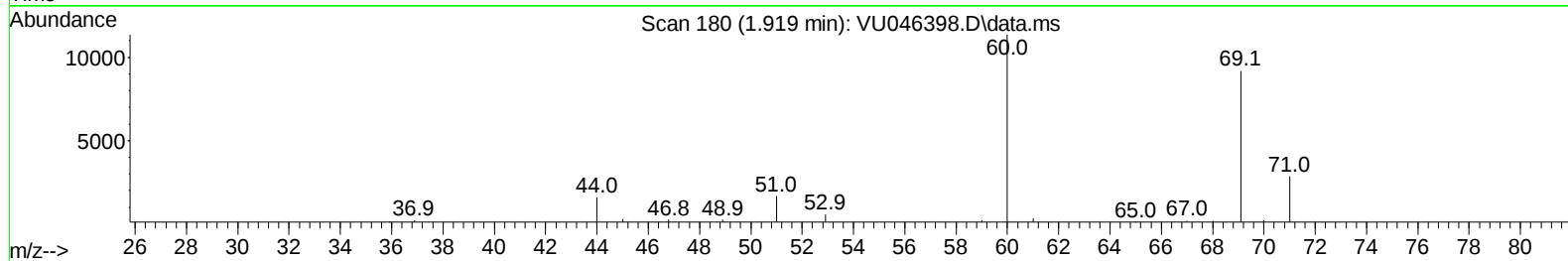
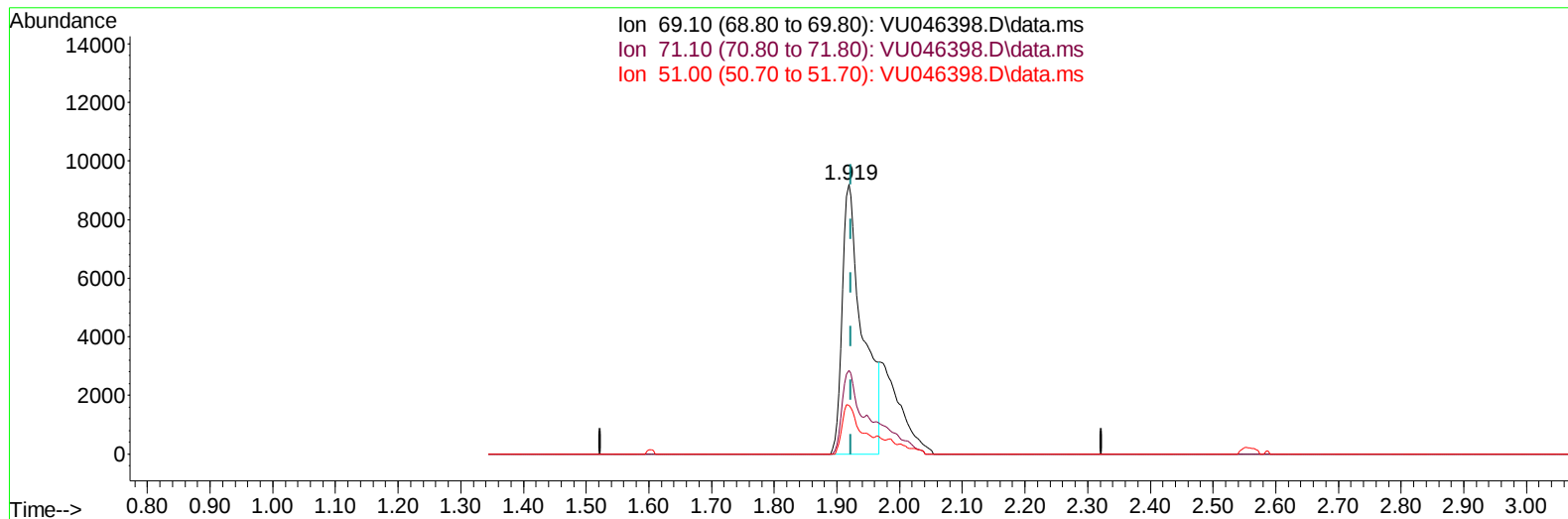
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
Data File : VU046398.D
Acq On : 15 Dec 2021 15:48
Operator : SY/MD
Sample : M5023-20ME
Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKZ8ME

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Mahesh Dadoda 12/18/2021

Quant Time: Dec 16 03:10:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 16 02:25:11 2021
Response via : Initial Calibration



TIC: VU046398.D\data.ms

(7) Chloroethane-d5 (S)

1.919min (-0.003) 20.09 ug/L

response 20626

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	32.60	23.31
51.00	24.70	16.65#
0.00	0.00	0.00

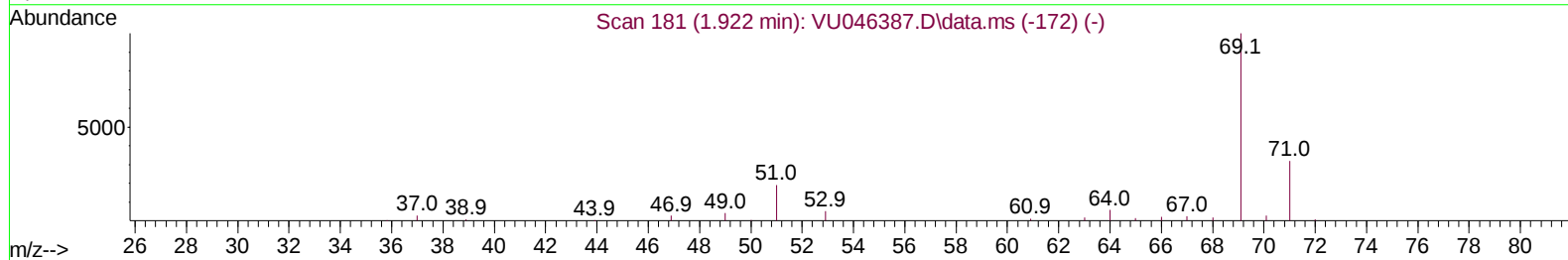
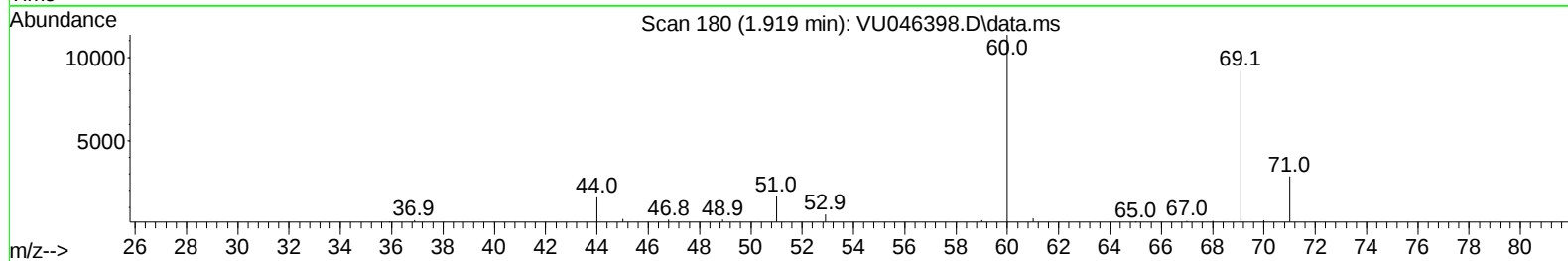
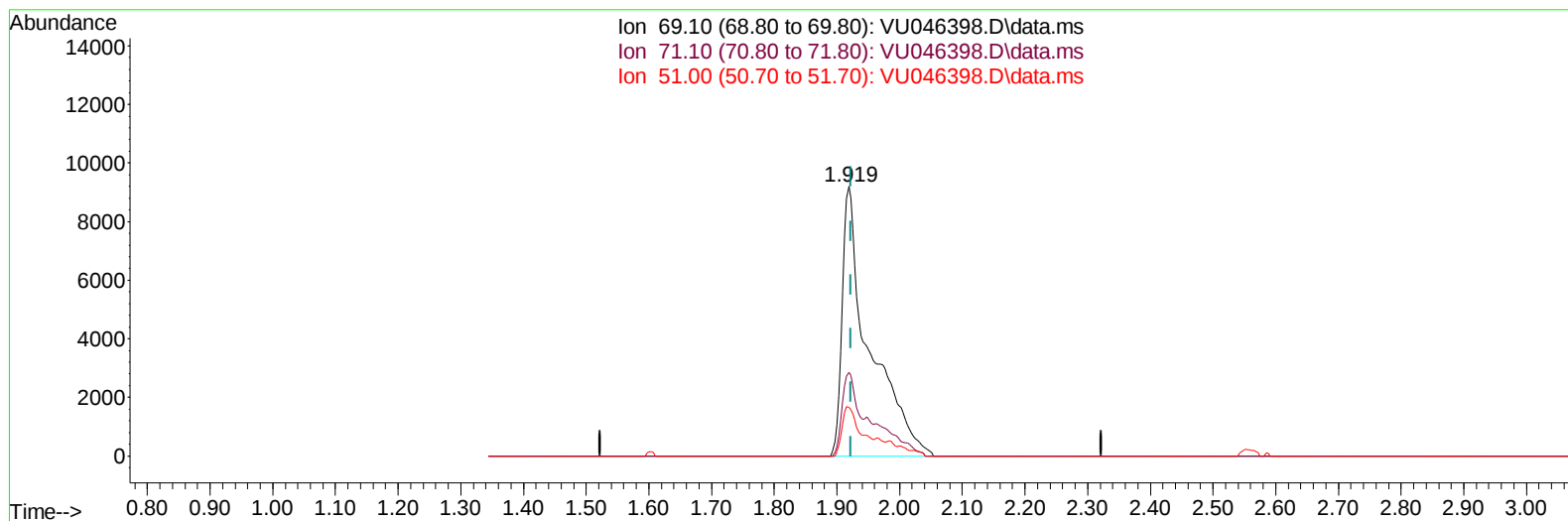
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Operator : SY/MD
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TIC: VU046398.D\data.ms

(7) Chloroethane-d5 (S)

1.919min (-0.003) 26.81 ug/L m

response 27520

Ion	Exp%	Act%
69.10	100.00	100.00
71.10	32.60	17.47#
51.00	24.70	12.48#
0.00	0.00	0.00

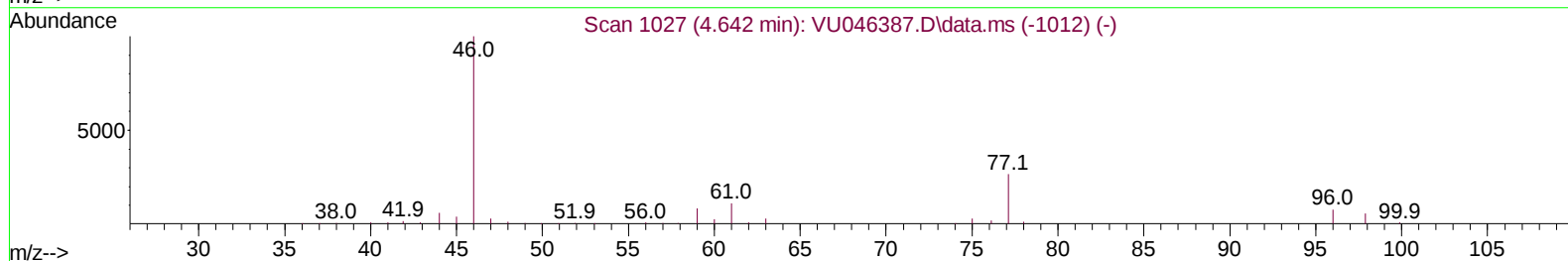
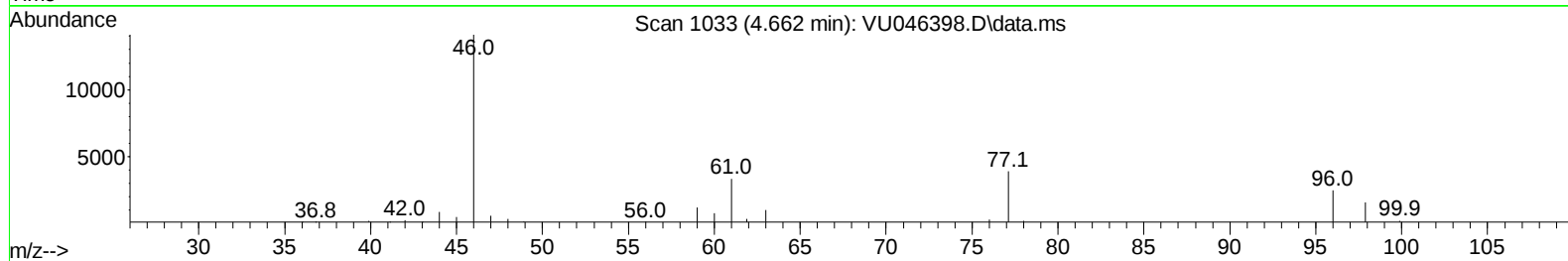
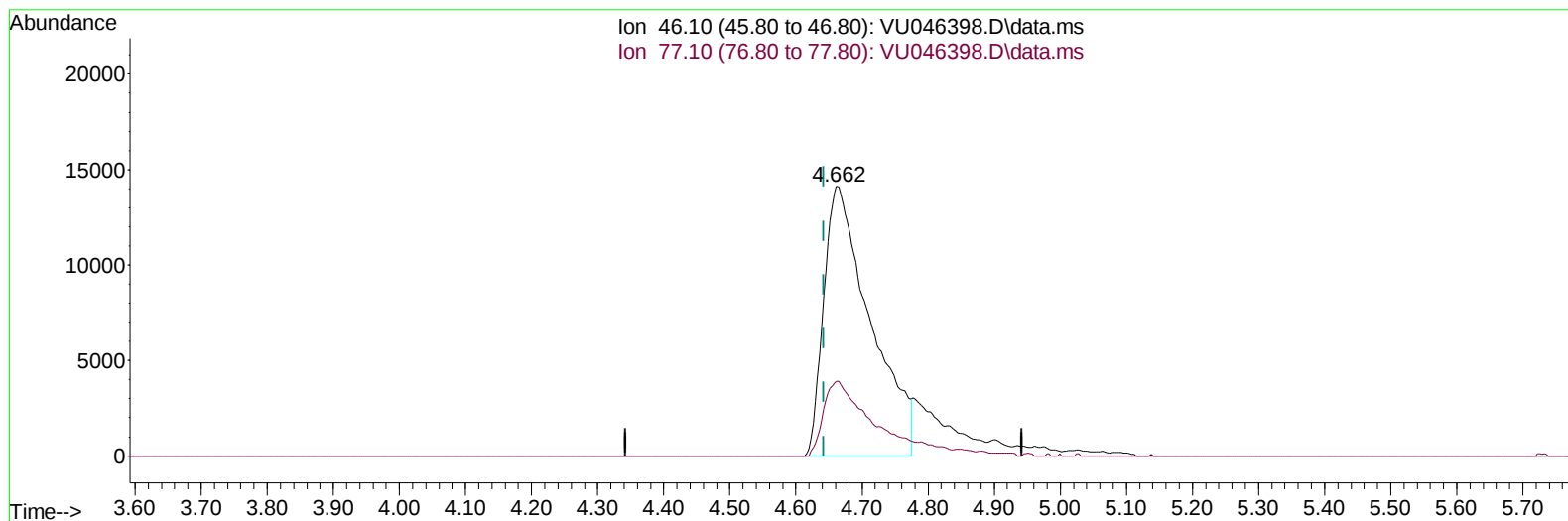
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Data File : VU046398.D
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Sample : M5023-20ME
Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VU046398.D\data.ms

(21) 2-Butanone-d5 (S)

4.662min (+ 0.019) 64.68 ug/L

response 68743

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	22.15
0.00	0.00	0.00
0.00	0.00	0.00

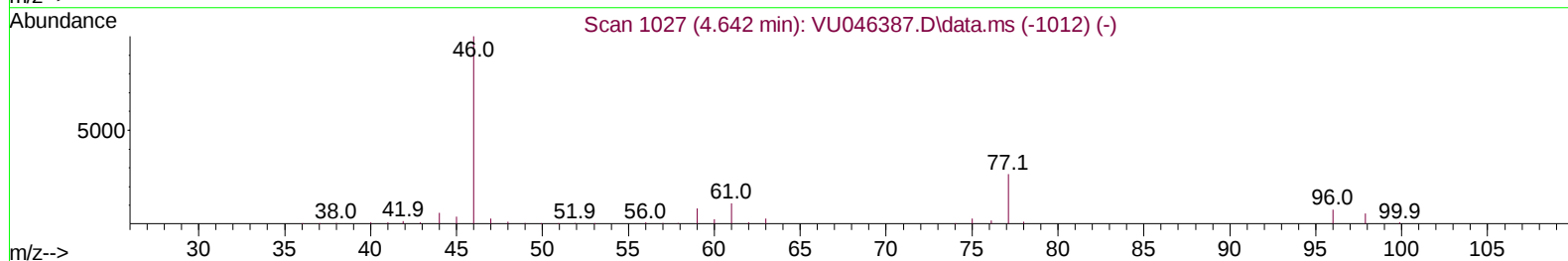
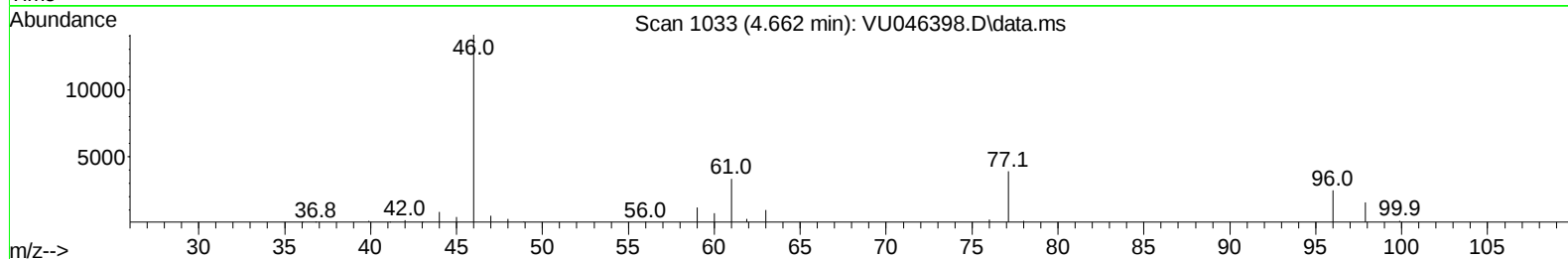
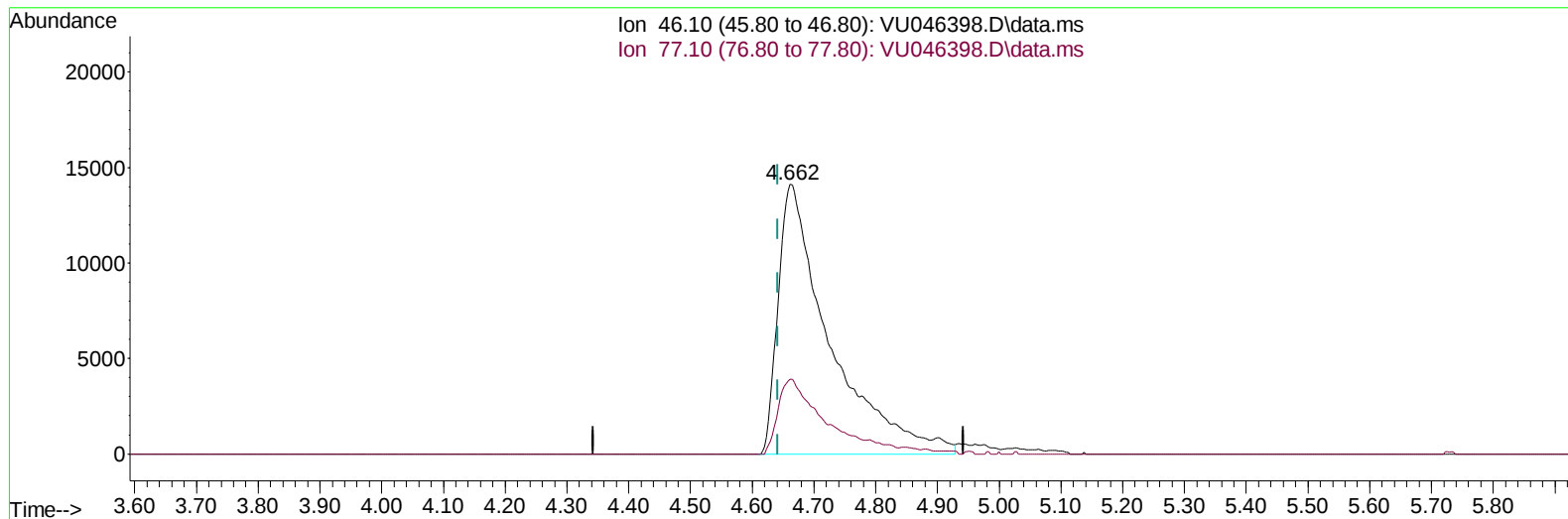
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
Data File : VU046398.D
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Operator : SY/MD
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Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKZ8ME

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TIC: VU046398.D\data.ms

(21) 2-Butanone-d5 (S)

4.662min (+ 0.019) 76.76 ug/L m

response 81580

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	18.67#
0.00	0.00	0.00
0.00	0.00	0.00

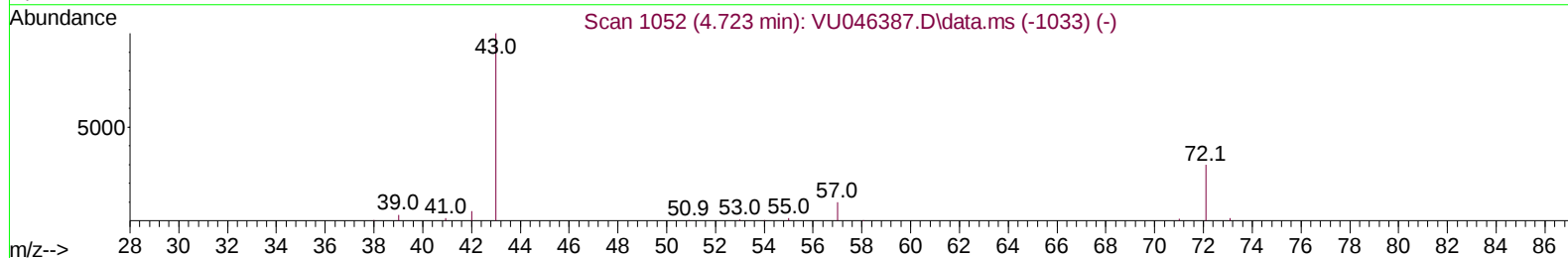
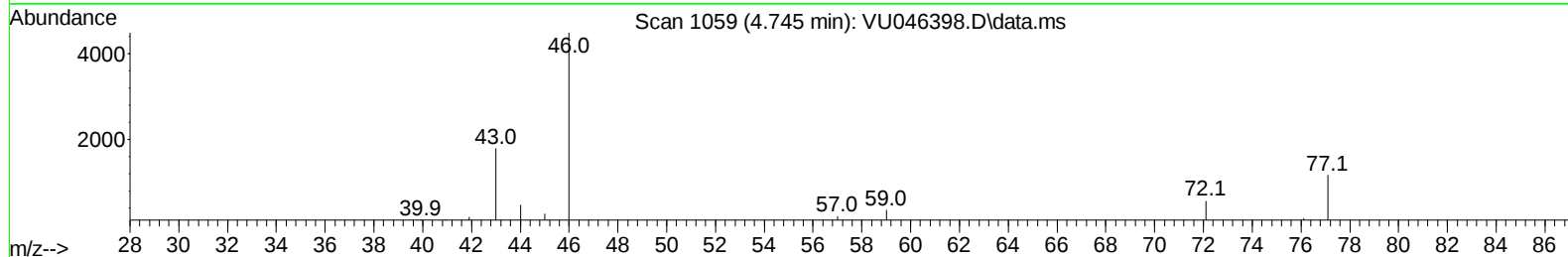
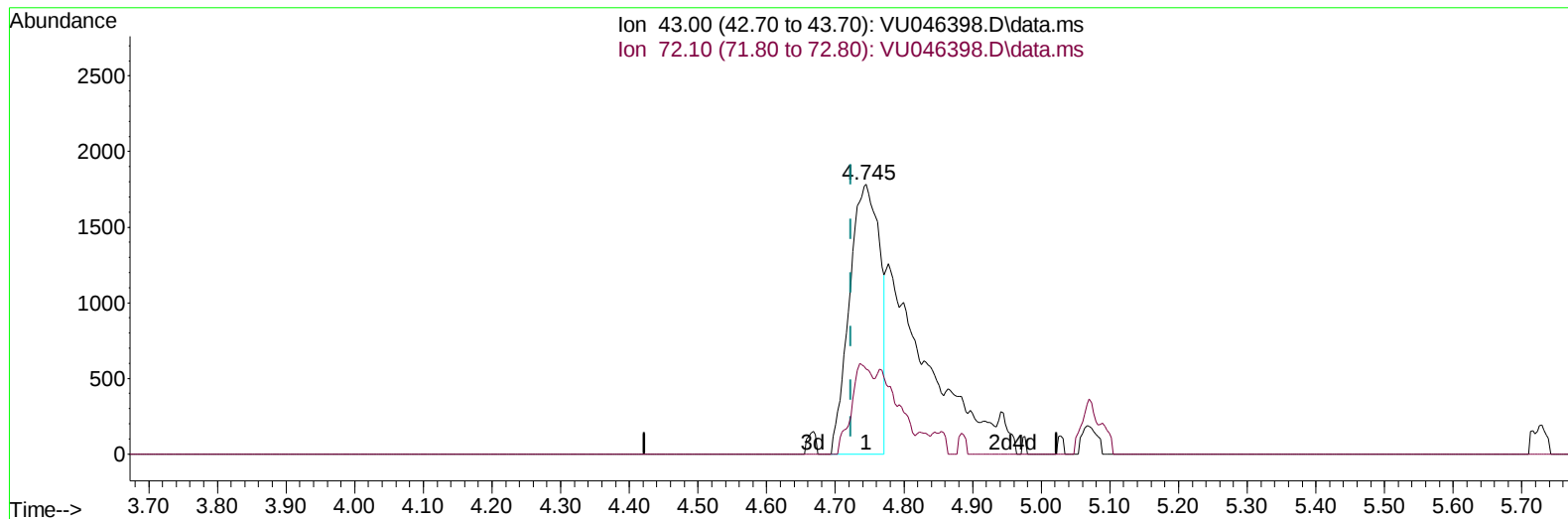
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046398.D
 Acq On : 15 Dec 2021 15:48
 Operator : SY/MD
 Sample : M5023-20ME
 Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8ME

Manual IntegrationsAPPROVED

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TIC: VU046398.D\data.ms

(22) 2-Butanone (T)

4.745min (+ 0.022) 3.78 ug/L

response 5461

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	29.10	24.10
0.00	0.00	0.00
0.00	0.00	0.00

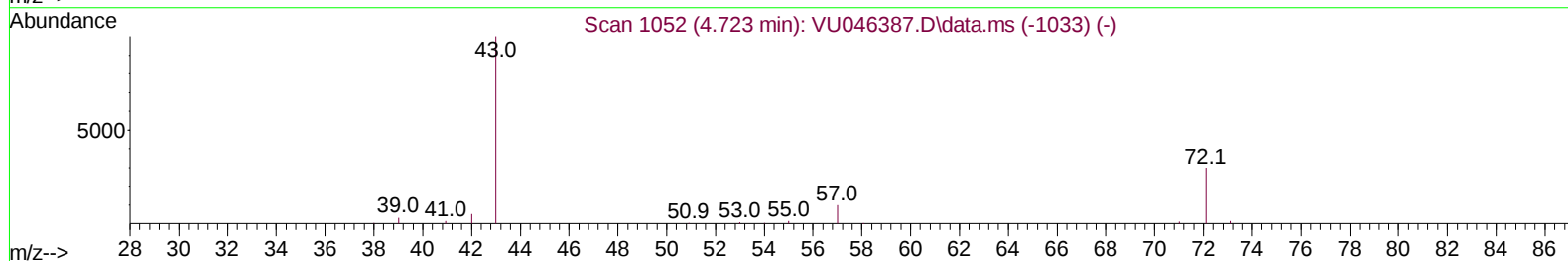
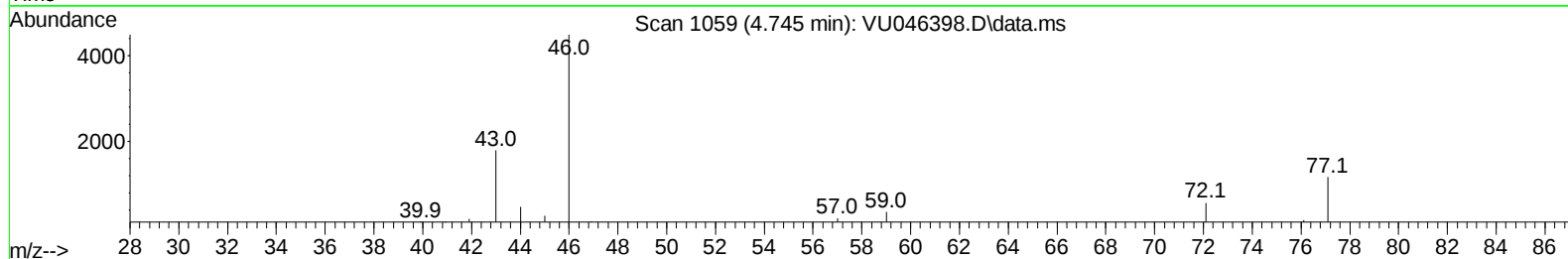
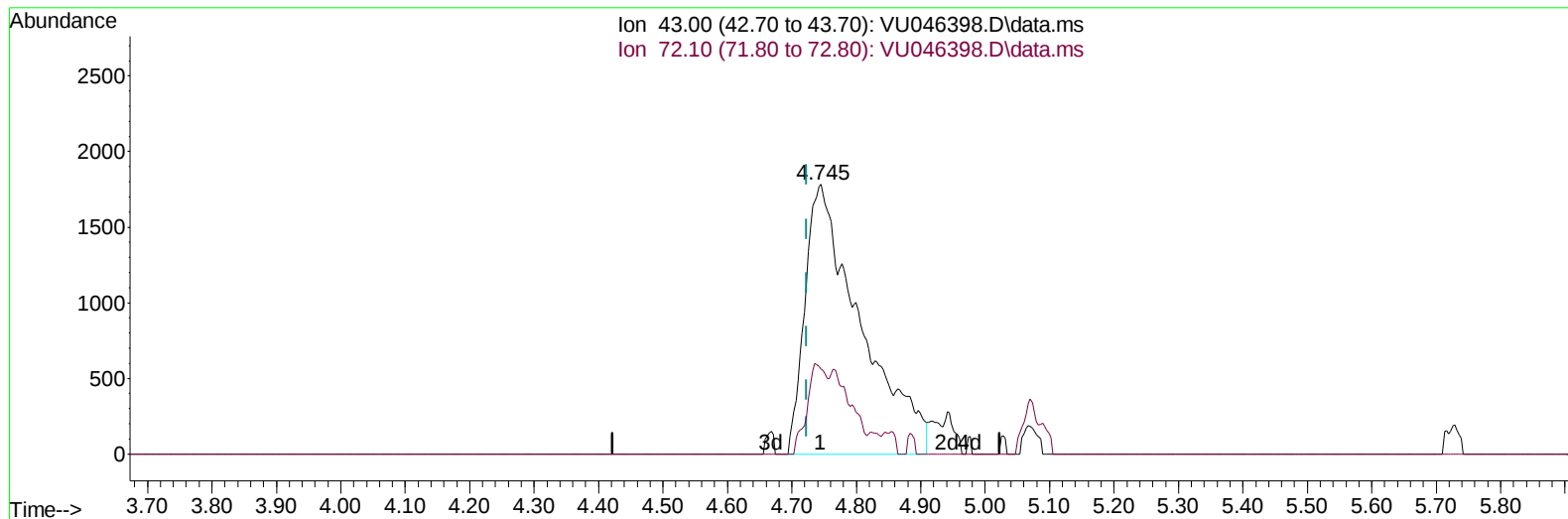
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046398.D
 Acq On : 15 Dec 2021 15:48
 Operator : SY/MD
 Sample : M5023-20ME
 Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8ME

Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
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TIC: VU046398.D\data.ms

(22) 2-Butanone (T)

4.745min (+ 0.022) 7.31 ug/L m

response 10571

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	29.10	12.45#
0.00	0.00	0.00
0.00	0.00	0.00

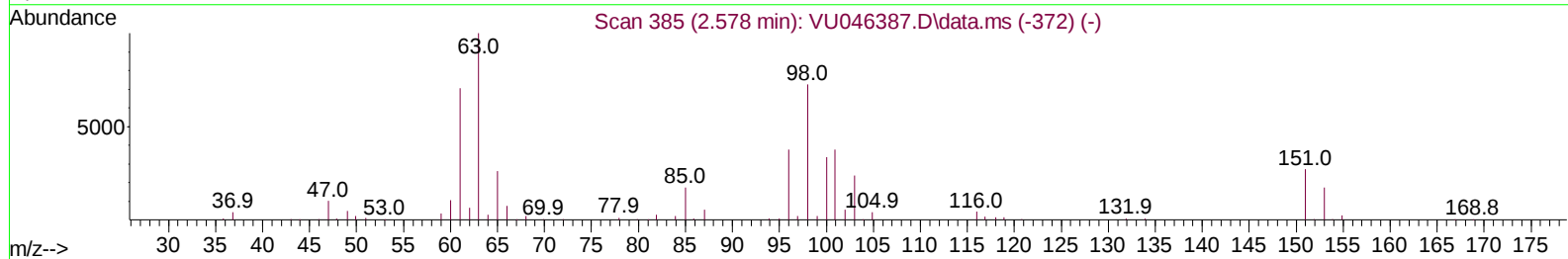
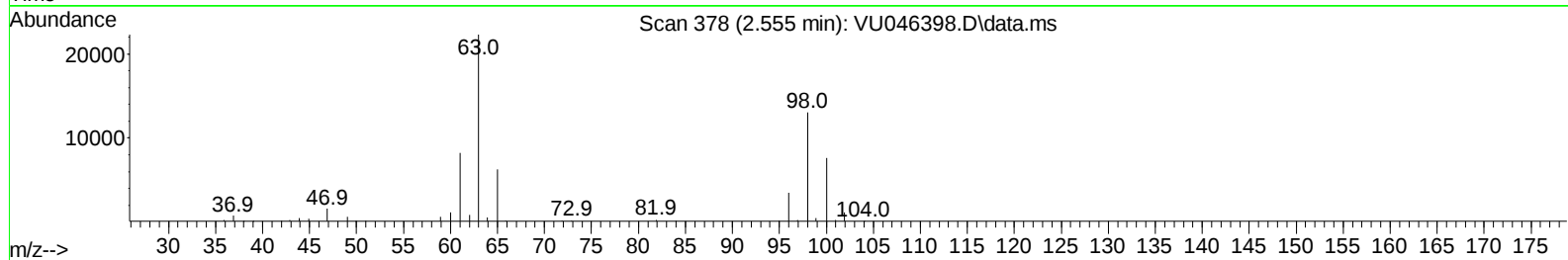
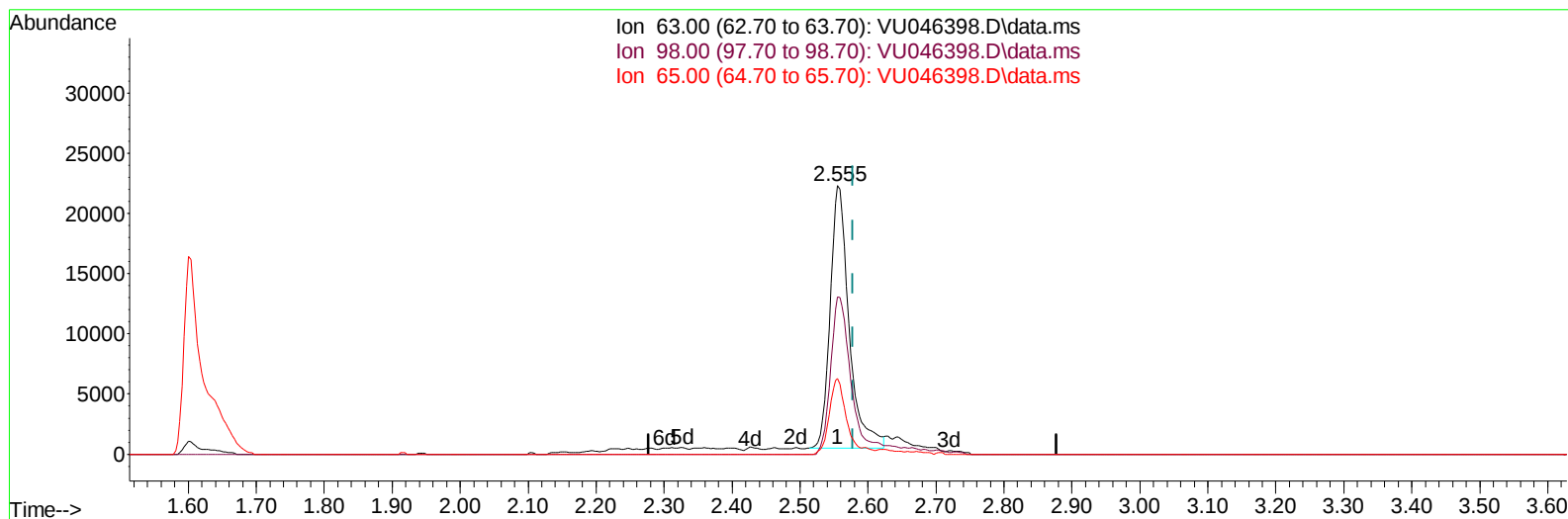
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 Operator : SY/MD
 Sample : M5023-20ME
 Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8ME

Manual IntegrationsAPPROVED

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TIC: VU046398.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.555min (-0.023) 17.59 ug/L

response 42225

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	73.60	64.62
65.00	23.90	25.34
0.00	0.00	0.00

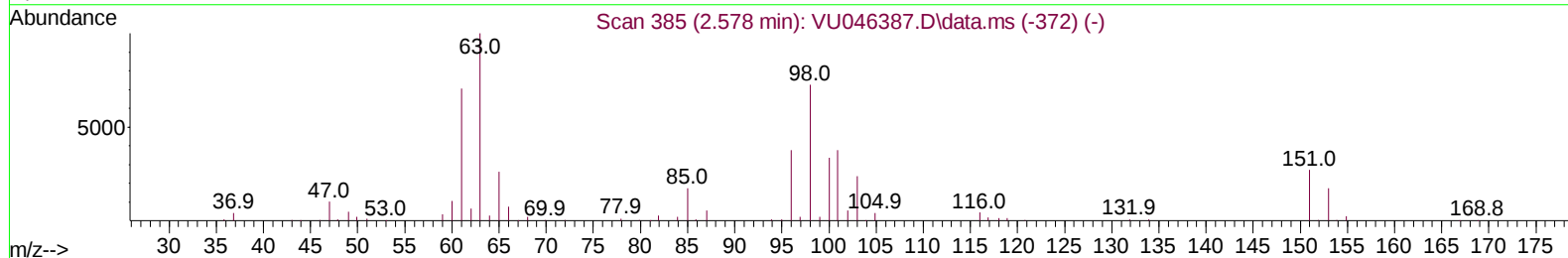
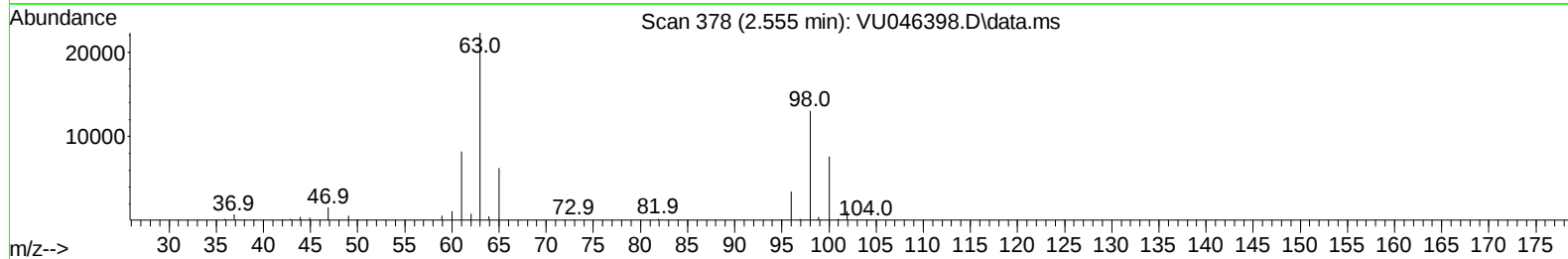
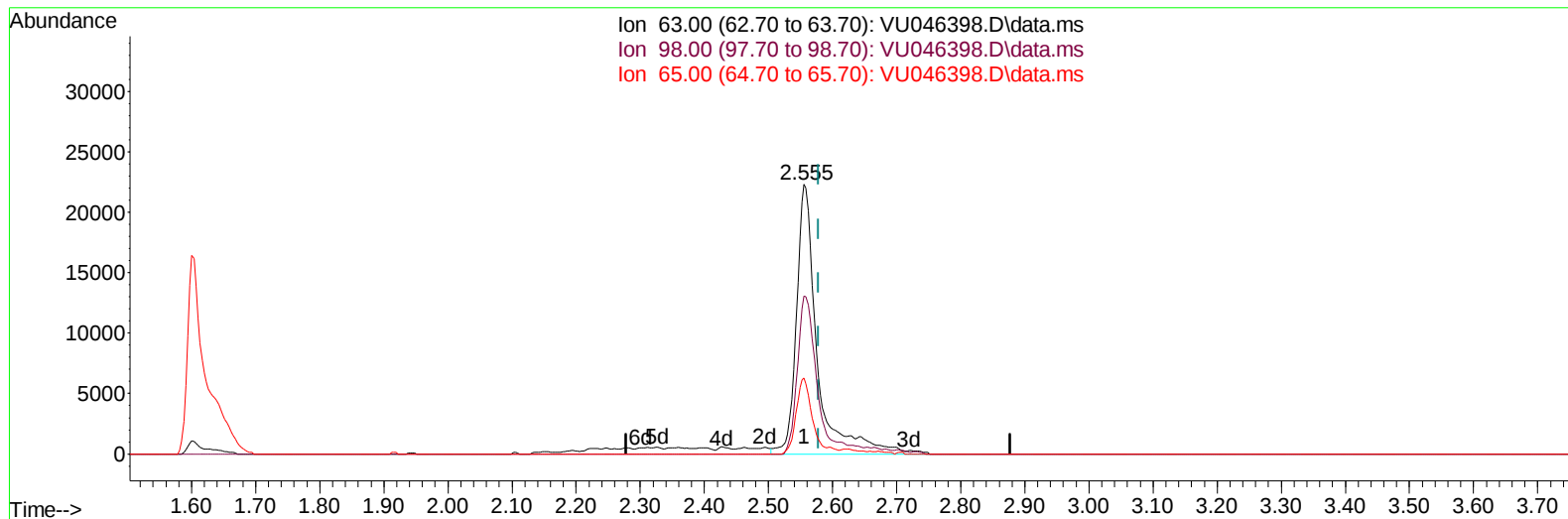
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 Data File : VU046398.D
 Acq On : 15 Dec 2021 15:48
 Operator : SY/MD
 Sample : M5023-20ME
 Misc : 6.26g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKZ8ME

Manual IntegrationsAPPROVED

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TIC: VU046398.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.555min (-0.023) 21.17 ug/L m

response 50804

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	73.60	53.71
65.00	23.90	21.06
0.00	0.00	0.00

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 ALS Vial : 13 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	162291	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	170563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	79377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33163	24.806	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	49.620%#		
7) Chloroethane-d5	1.919	69	27520m	26.811	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	53.620%#		
11) 1,1-Dichloroethene-d2	2.555	63	50804m	21.169	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery =	42.340%#		
21) 2-Butanone-d5	4.662	46	81580m	76.763	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery =	76.760%		
24) Chloroform-d	5.067	84	73132	32.758	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	65.520%#		
26) 1,2-Dichloroethane-d4	5.706	65	51113	34.115	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	68.220%#		
32) Benzene-d6	5.726	84	134909	27.596	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	55.200%#		
36) 1,2-Dichloropropane-d6	6.694	67	45394	29.962	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	59.920%#		
41) Toluene-d8	7.903	98	114087	25.631	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	51.260%#		
43) trans-1,3-Dichloroprop...	8.185	79	23014	31.467	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	62.940%		
47) 2-Hexanone-d5	8.693	63	60609	84.372	ug/L	0.05
Spiked Amount 100.000	Range 45	- 130	Recovery =	84.370%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	81712	35.563	ug/L	0.02
Spiked Amount 50.000	Range 65	- 120	Recovery =	71.120%		
66) 1,2-Dichlorobenzene-d4	12.201	152	51135	33.451	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	66.900%#		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	11741	10.463	ug/L #	59
15) Methyl Acetate	2.964	43	2603	1.681	ug/L	90
19) 1,1-Dichloroethane	3.864	63	30139	13.958	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	6187	4.802	ug/L	95
22) 2-Butanone	4.745	43	10571m	7.311	ug/L	
34) Trichloroethene	6.542	95	101352	74.525	ug/L	97
46) Tetrachloroethene	8.558	164	559755	560.086	ug/L	99

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

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