

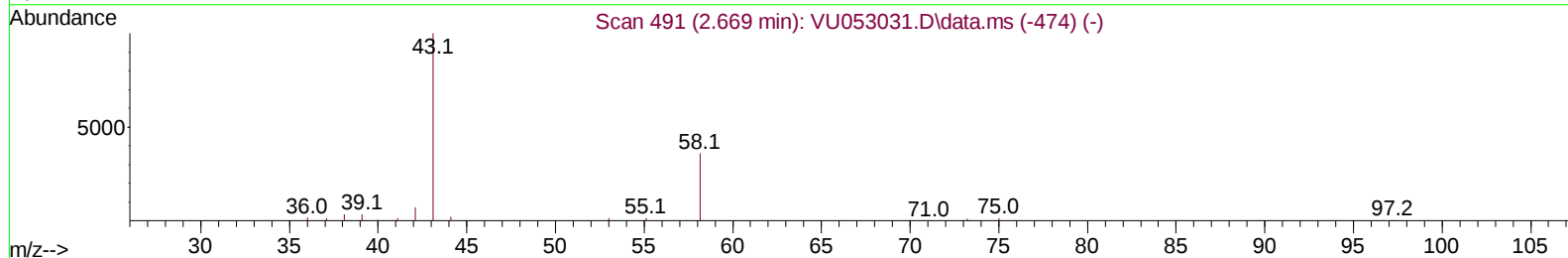
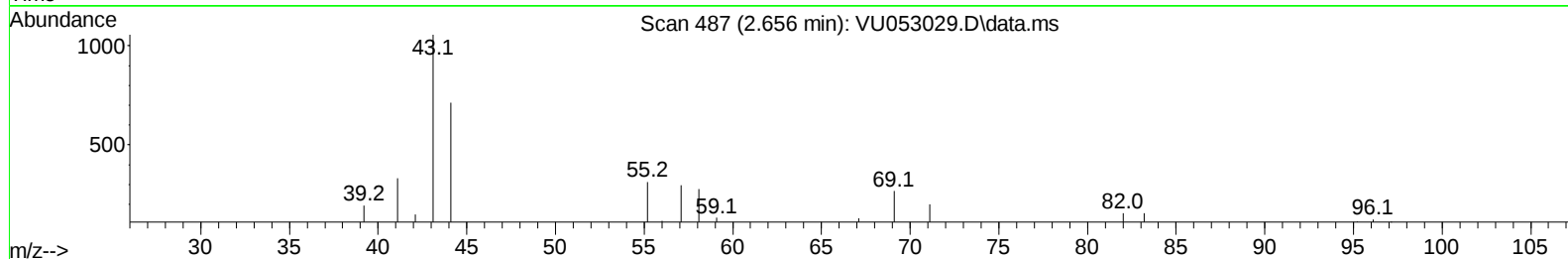
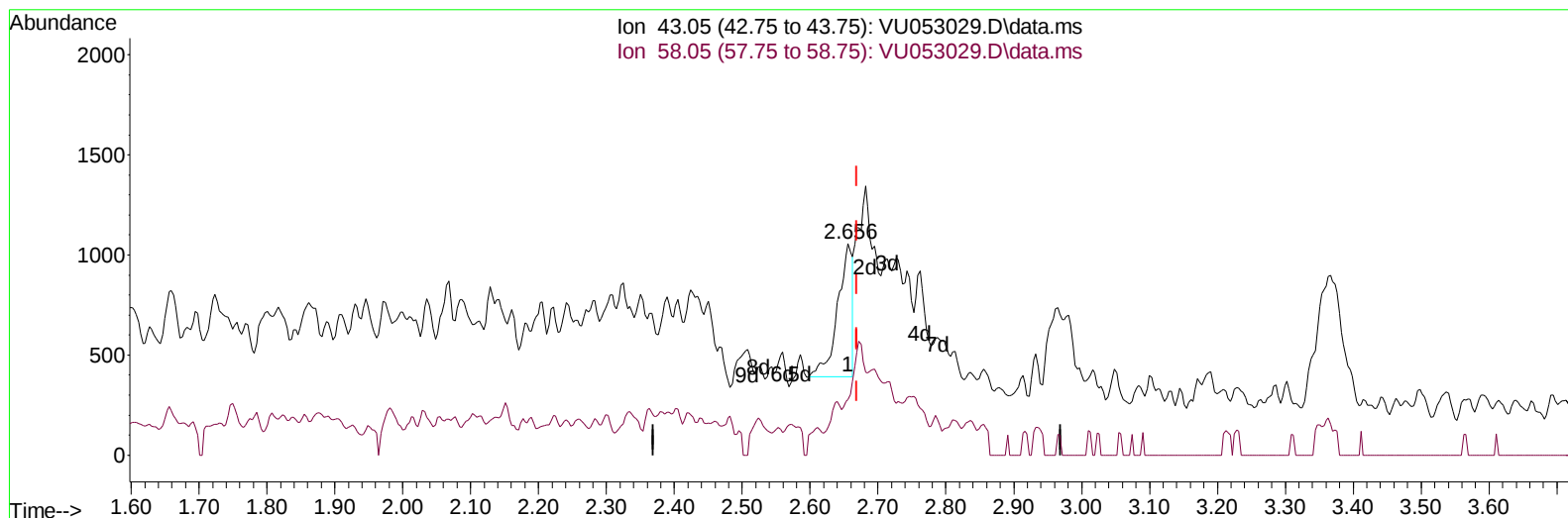
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053029.D
 Acq On : 10 Feb 2023 10:57
 Operator : JC/MD
 Sample : VSTD0.507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007

Manual IntegrationsAPPROVED

Quant Time: Feb 10 23:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023



TIC: VU053029.D\data.ms

(13) Acetone (T)

2.656min (-0.013) 0.73 ug/L

response 1006

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	9.80	15.01
0.00	0.00	0.00
0.00	0.00	0.00

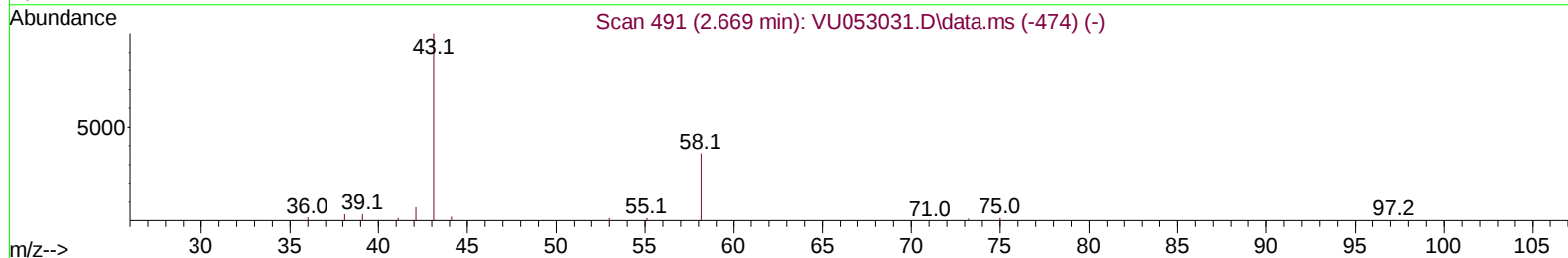
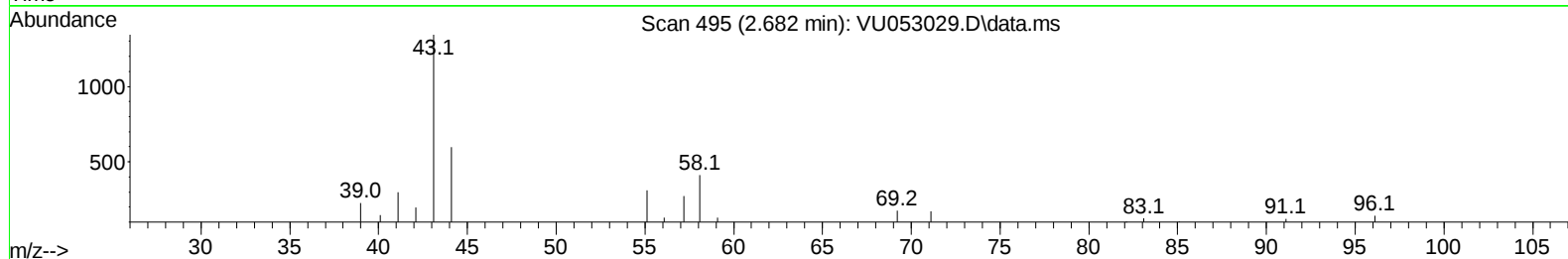
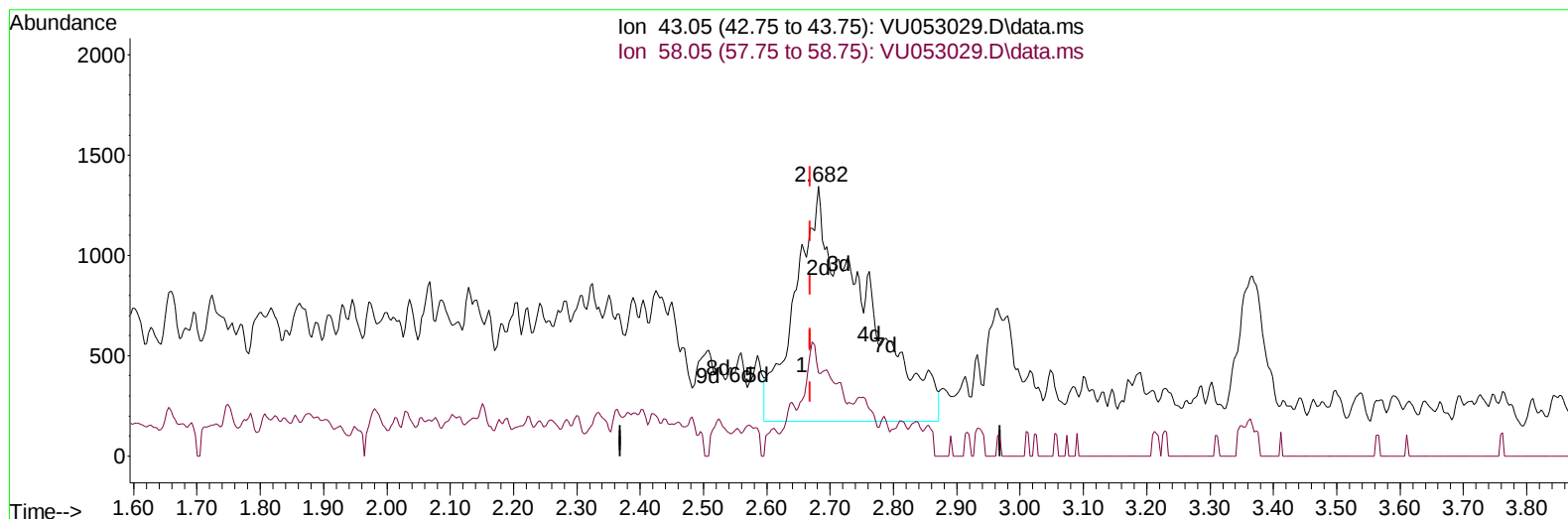
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 Supervised By :Mahesh Dadoda 02/13/2023



TIC: VU053029.D\data.ms

(13) Acetone (T)

2.682min (+ 0.013) 6.36 ug/L m

response 8734

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	9.80	1.73
0.00	0.00	0.00
0.00	0.00	0.00

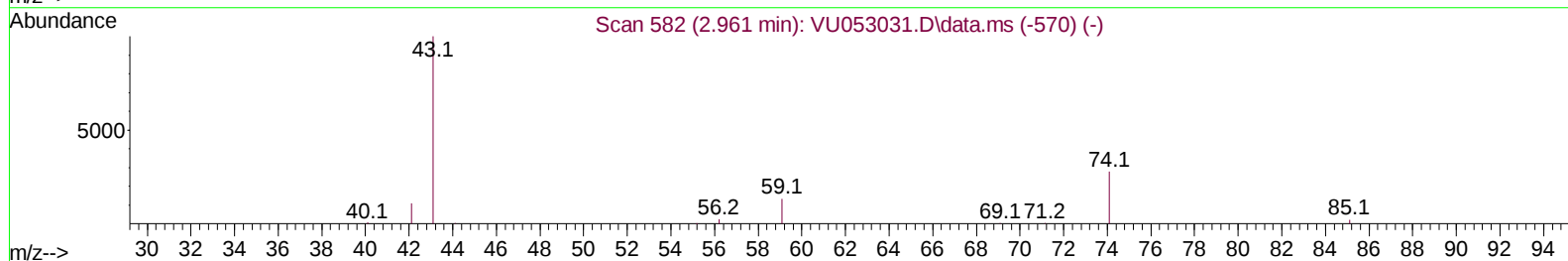
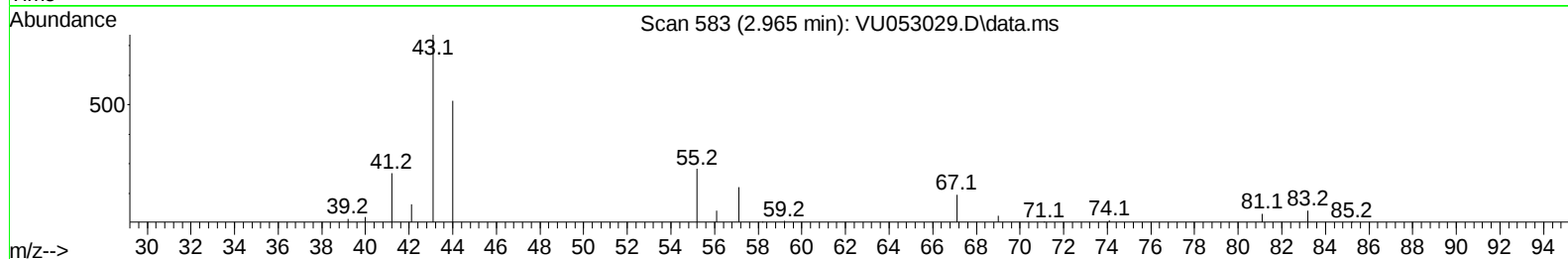
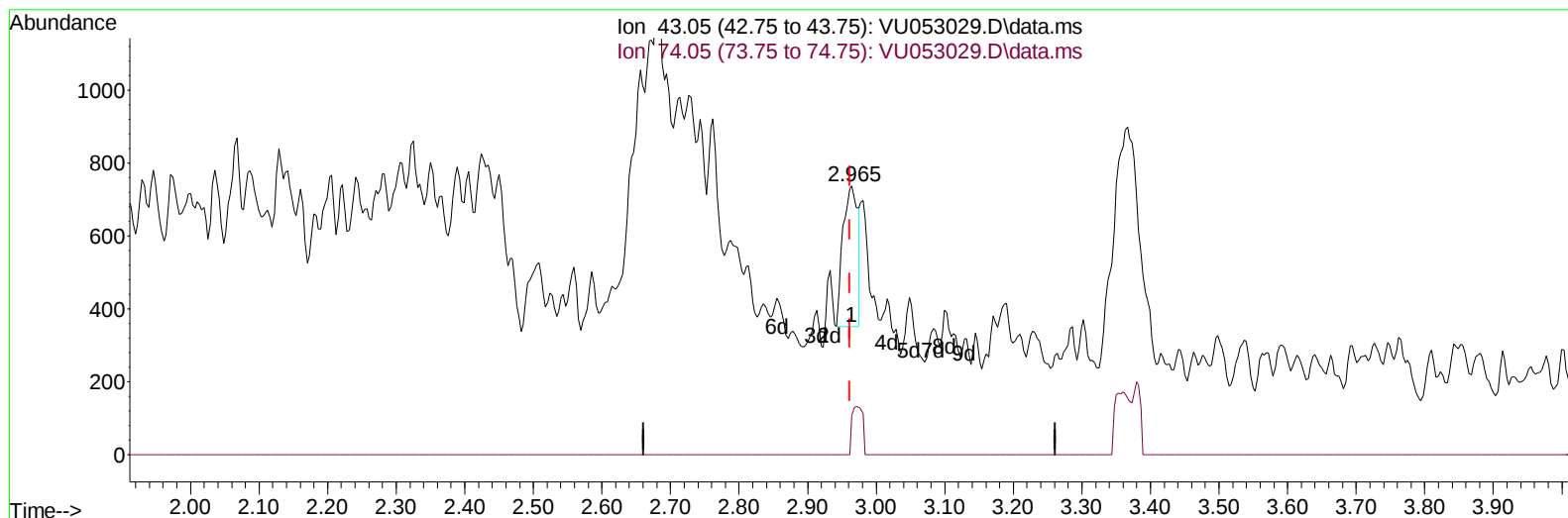
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TIC: VU053029.D\data.ms

(15) Methyl Acetate (T)

2.965min (+ 0.003) 0.18 ug/L

response 574

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	17.90	24.91#
0.00	0.00	0.00
0.00	0.00	0.00

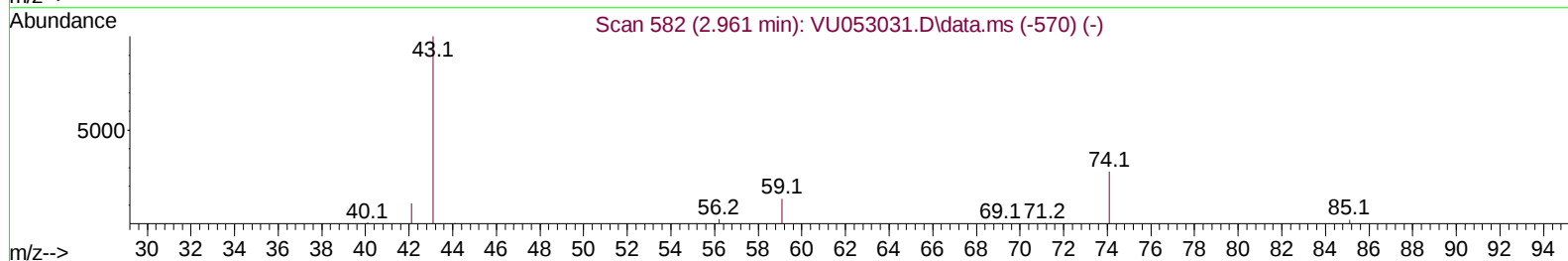
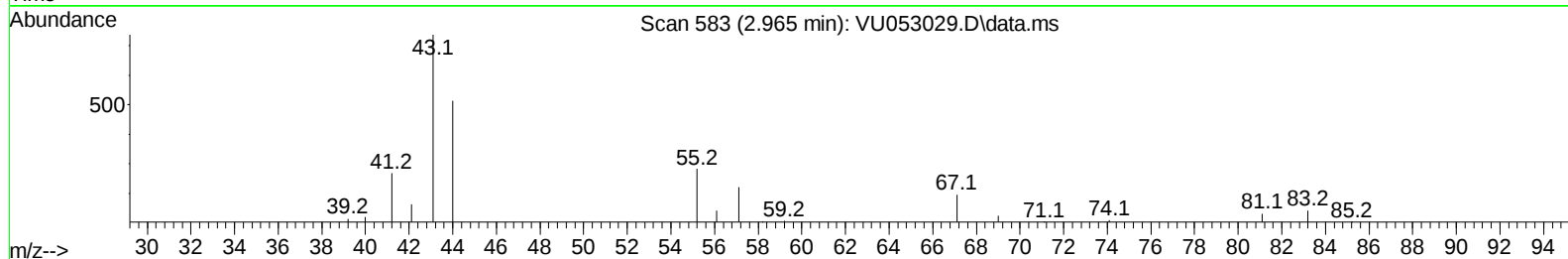
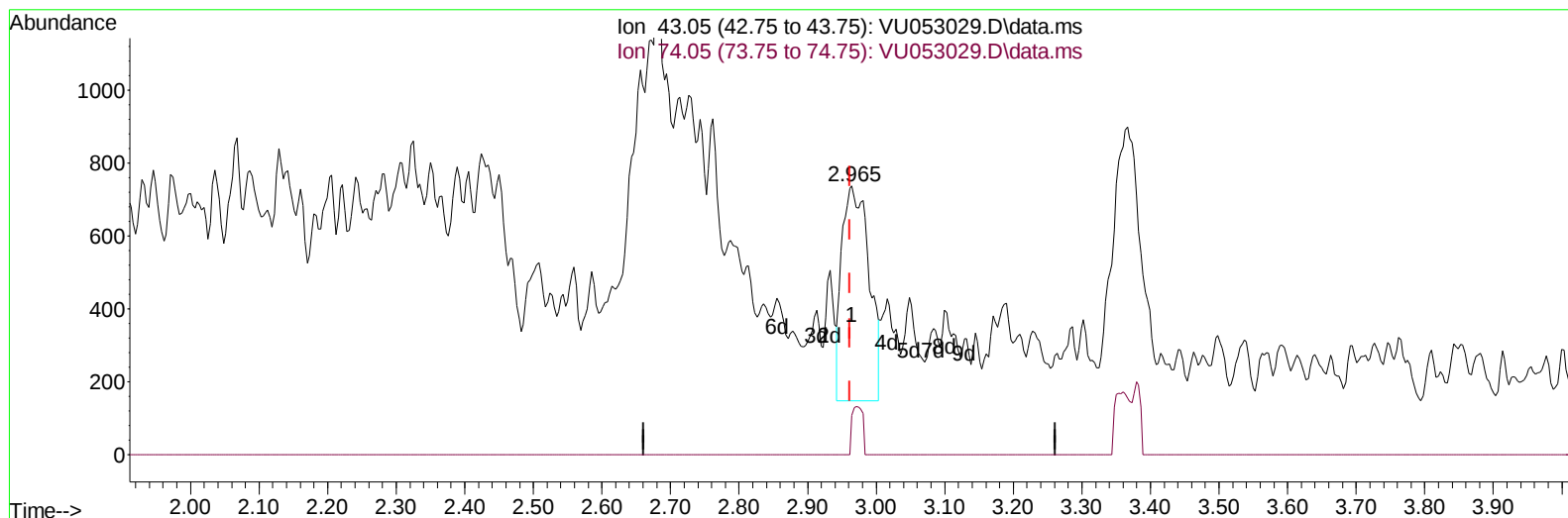
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 02/13/2023



TIC: VU053029.D\data.ms

(15) Methyl Acetate (T)

2.965min (+ 0.003) 0.49 ug/L m

response 1610

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	17.90	8.88#
0.00	0.00	0.00
0.00	0.00	0.00

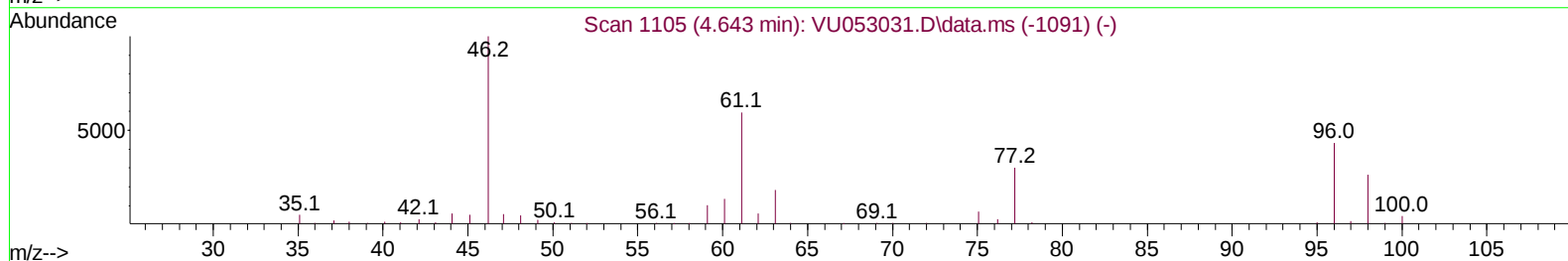
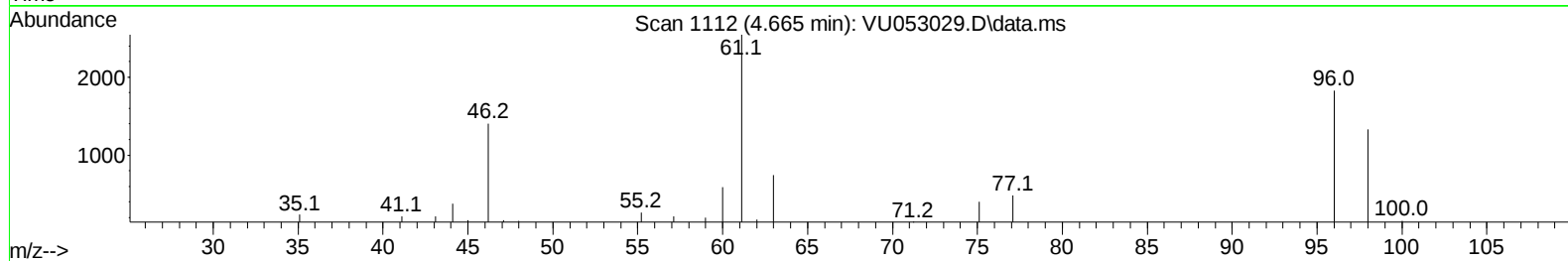
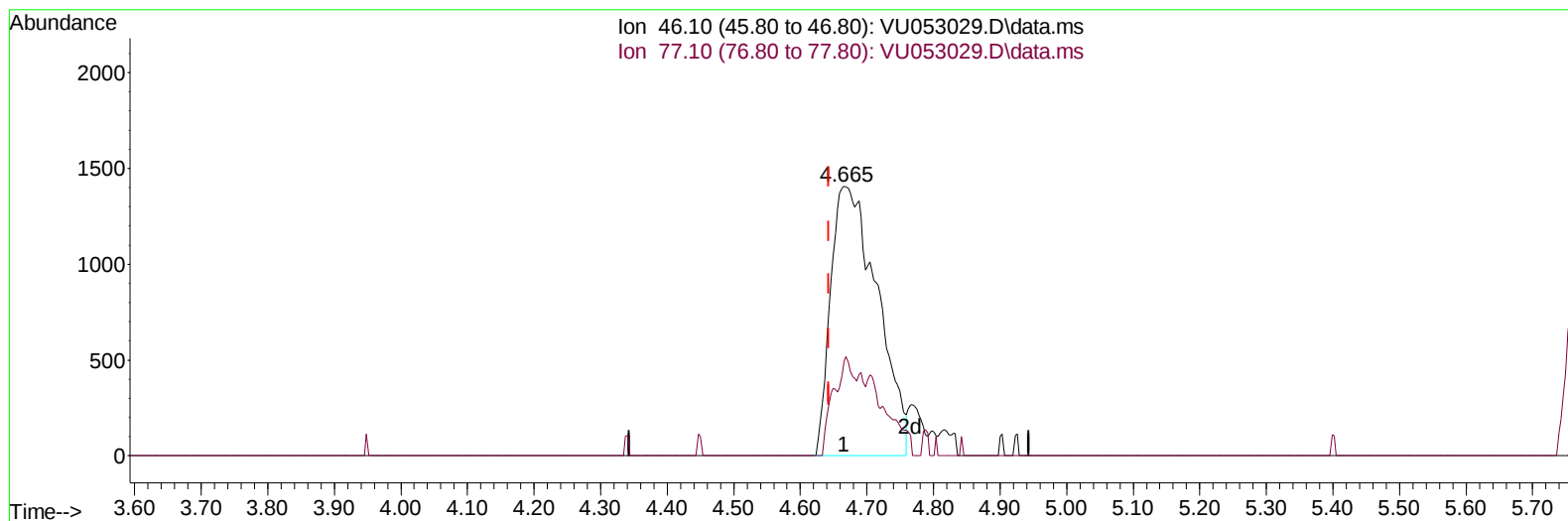
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TIC: VU053029.D\data.ms

(20) 2-Butanone-d5 (S)

4.665min (+ 0.022) 3.59 ug/L

response 6835

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.80	16.66#
0.00	0.00	0.00
0.00	0.00	0.00

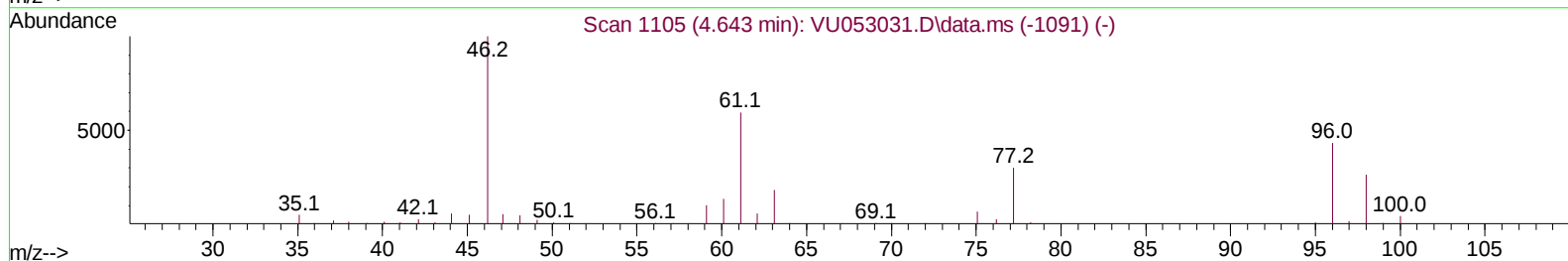
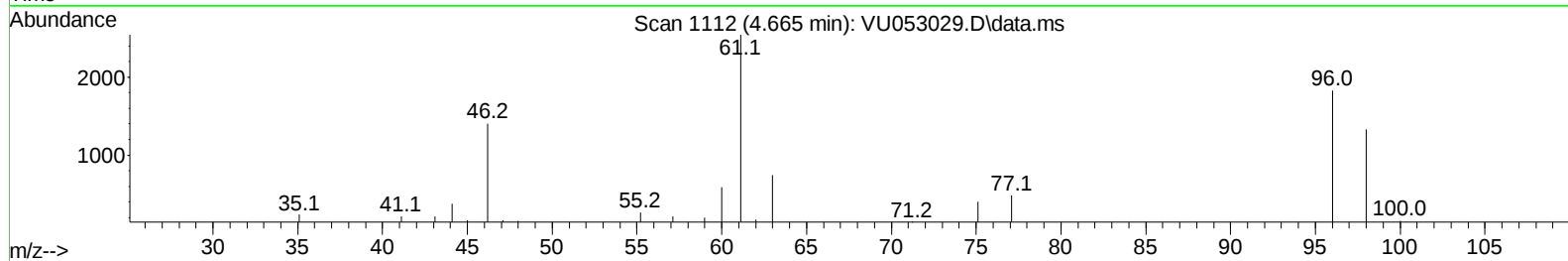
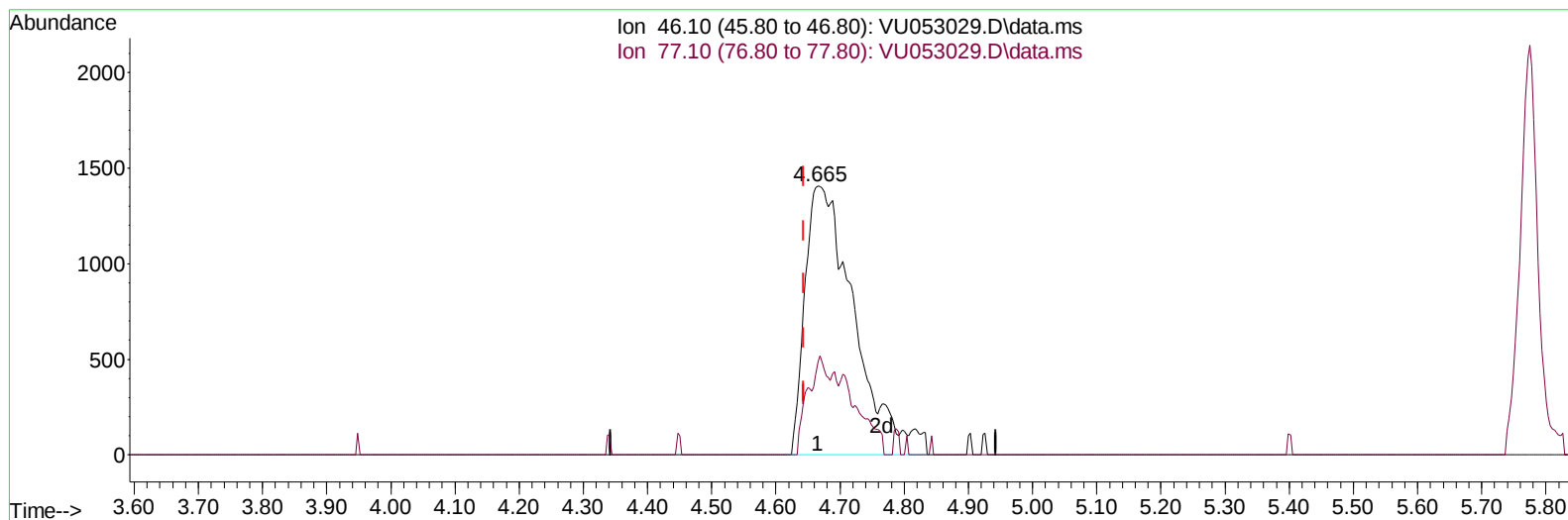
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Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 02/13/2023
Supervised By :Mahesh Dadoda 02/13/2023

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TIC: VU053029.D\data.ms

(20) 2-Butanone-d5 (S)

4.665min (+ 0.022) 3.96 ug/L m

response 7531

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.80	15.12#
0.00	0.00	0.00
0.00	0.00	0.00

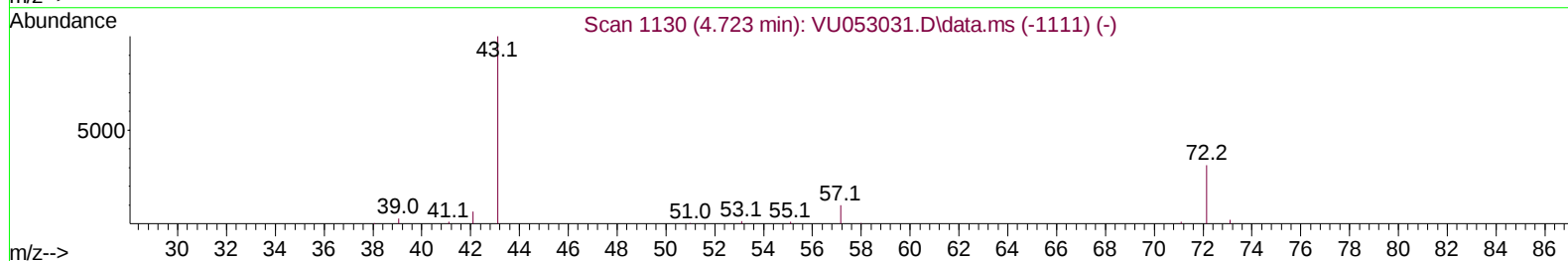
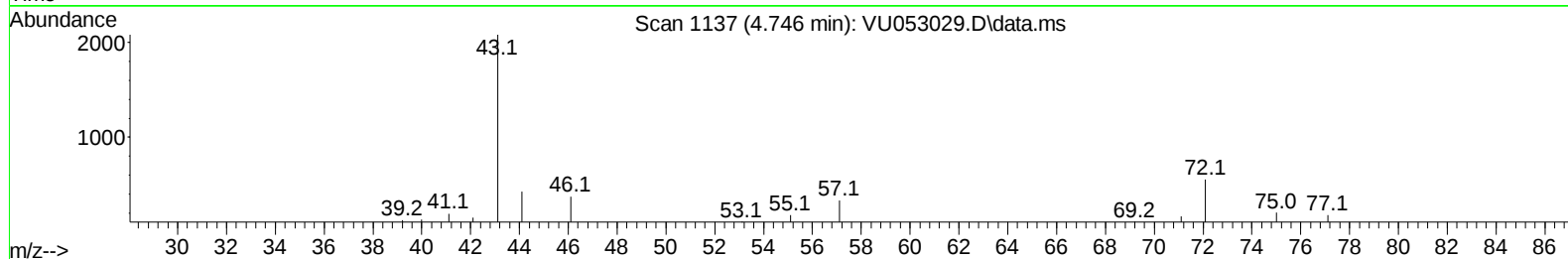
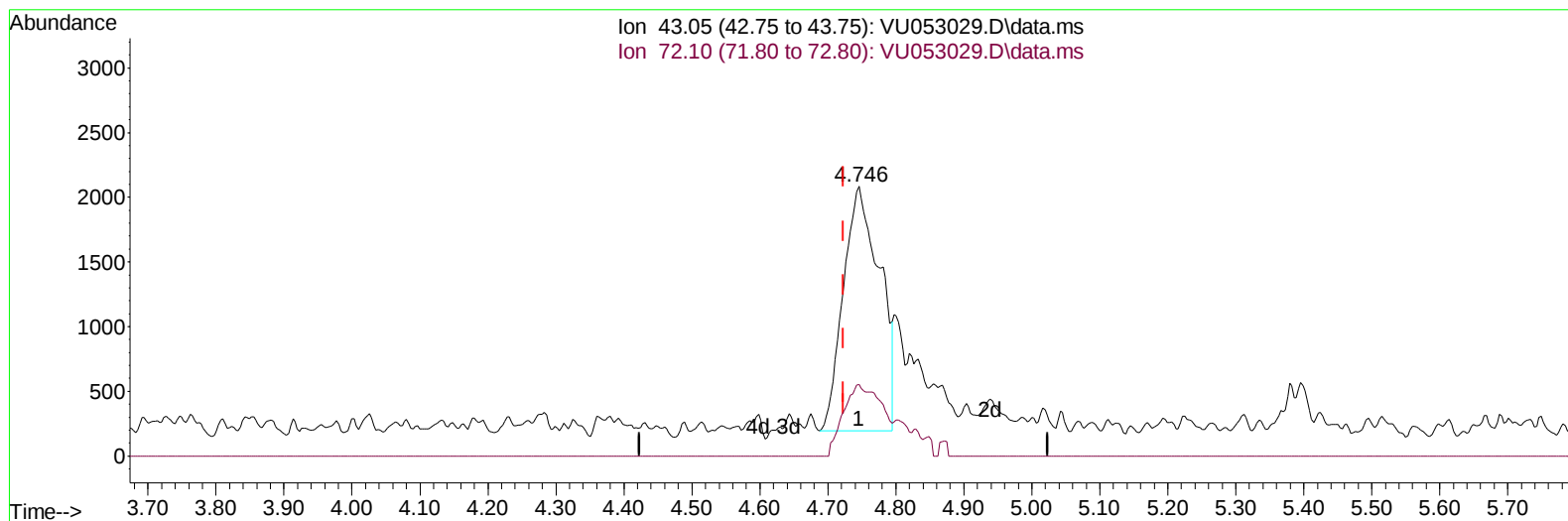
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Sample : VSTD0.507
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5007

Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 02/13/2023

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QLast Update : Fri Feb 10 23:01:28 2023
Response via : Initial Calibration



TIC: VU053029.D\data.ms

(21) 2-Butanone (T)

4.746min (+ 0.022) 3.44 ug/L

response 7005

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	29.00	31.01
0.00	0.00	0.00
0.00	0.00	0.00

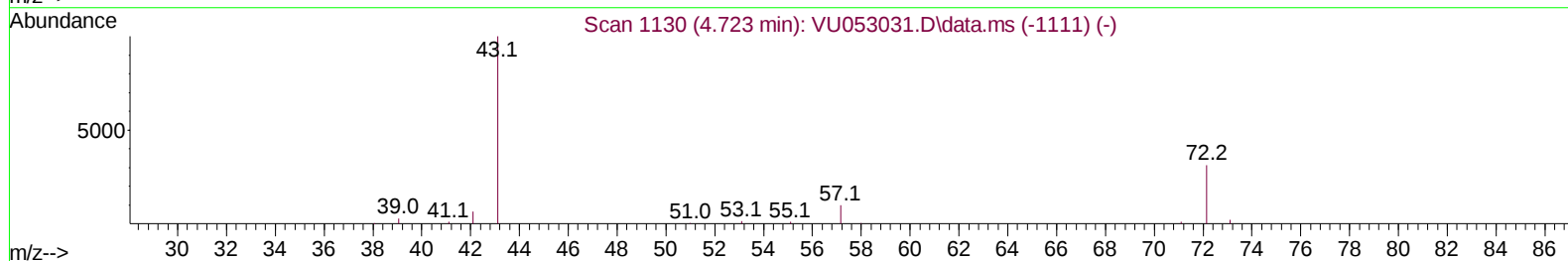
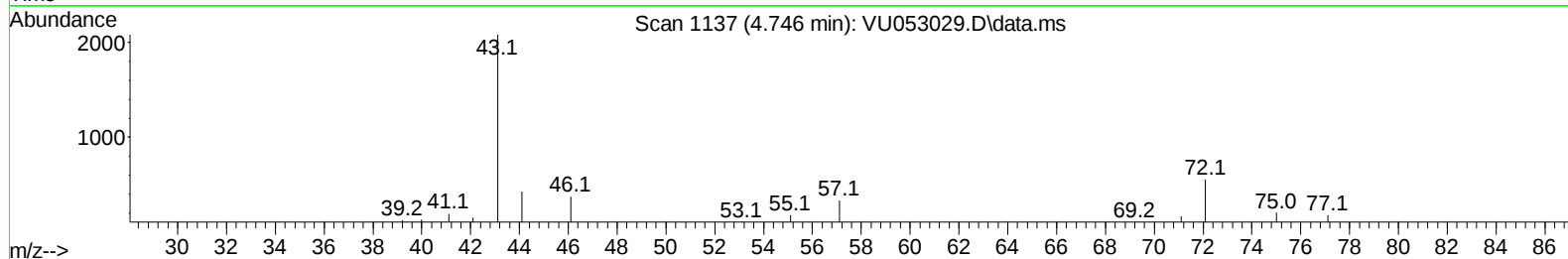
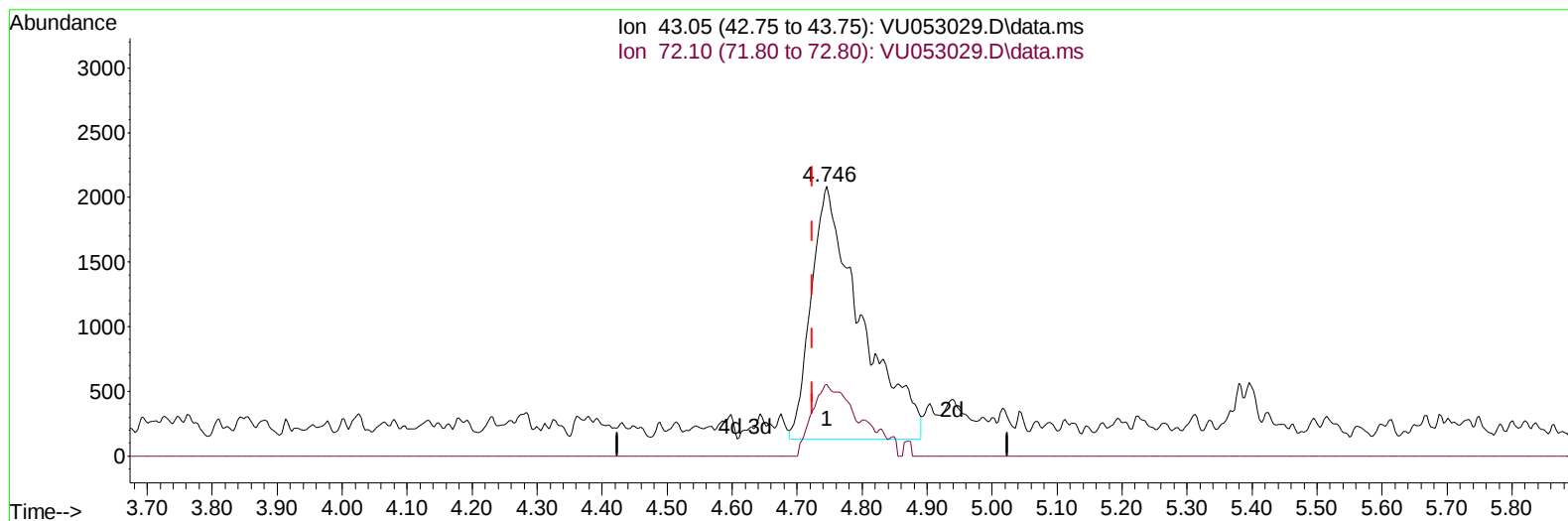
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 Data File : VU053029.D
 Acq On : 10 Feb 2023 10:57
 Operator : JC/MD
 Sample : VSTD0.507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007

Manual IntegrationsAPPROVED

Quant Time: Feb 10 23:02:10 2023
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 QLast Update : Fri Feb 10 23:01:28 2023
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Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023



TIC: VU053029.D\data.ms

(21) 2-Butanone (T)

4.746min (+ 0.022) 5.08 ug/L m

response 10339

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	29.00	21.01
0.00	0.00	0.00
0.00	0.00	0.00

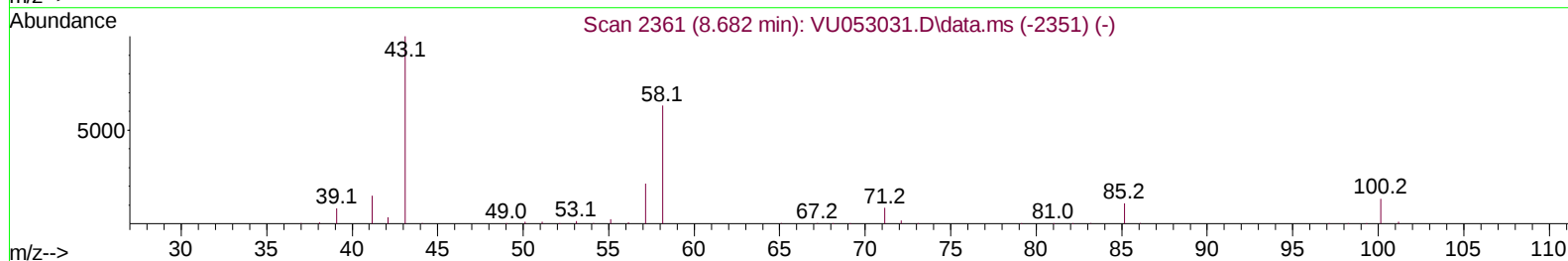
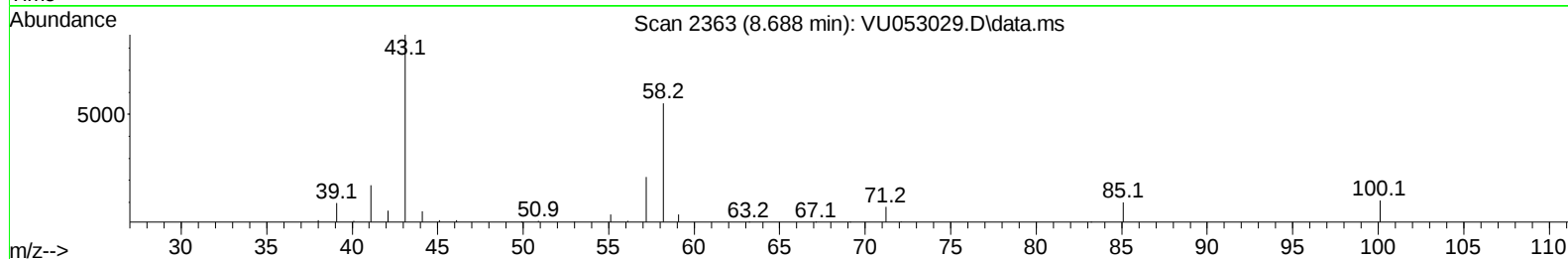
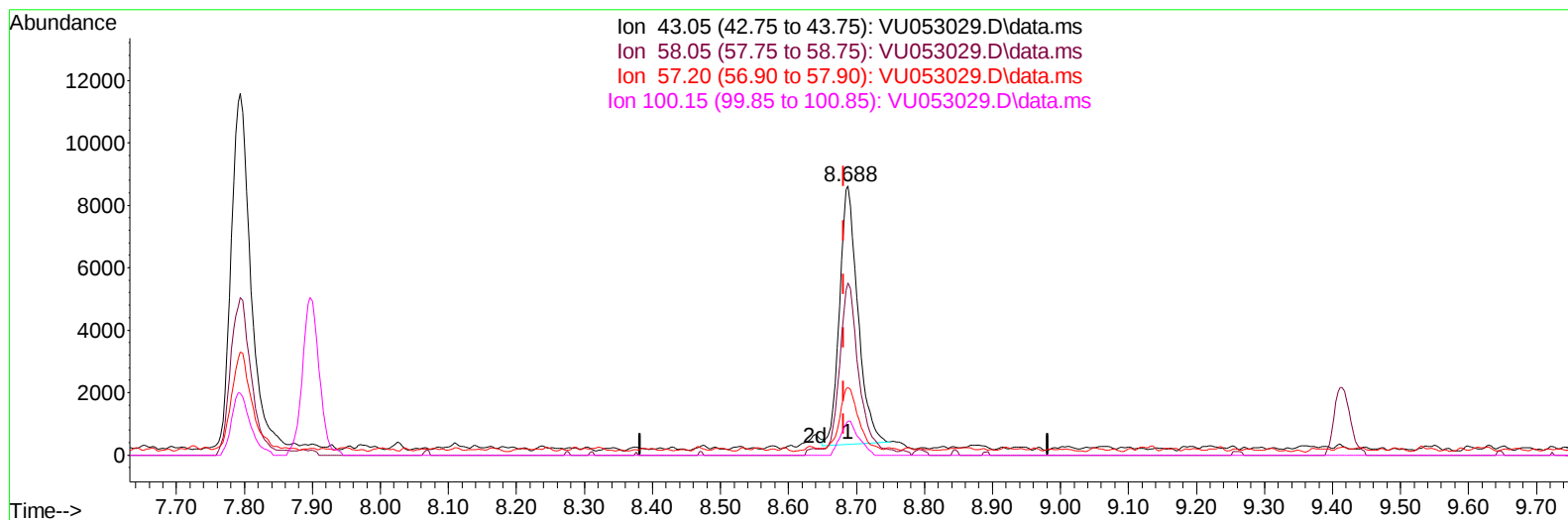
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Manual IntegrationsAPPROVED

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TIC: VU053029.D\data.ms

(48) 2-Hexanone (T)

8.688min (+ 0.006) 4.57 ug/L

response 15532

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	62.90	67.83
57.20	21.70	25.05
100.15	12.70	13.09

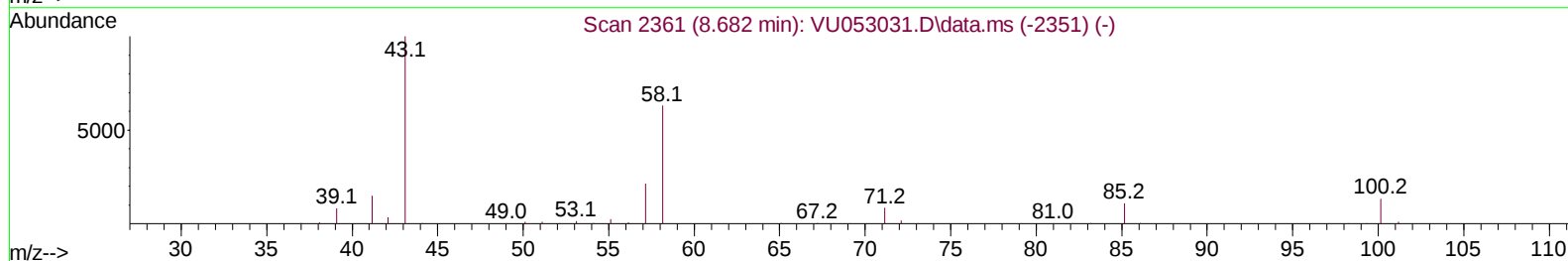
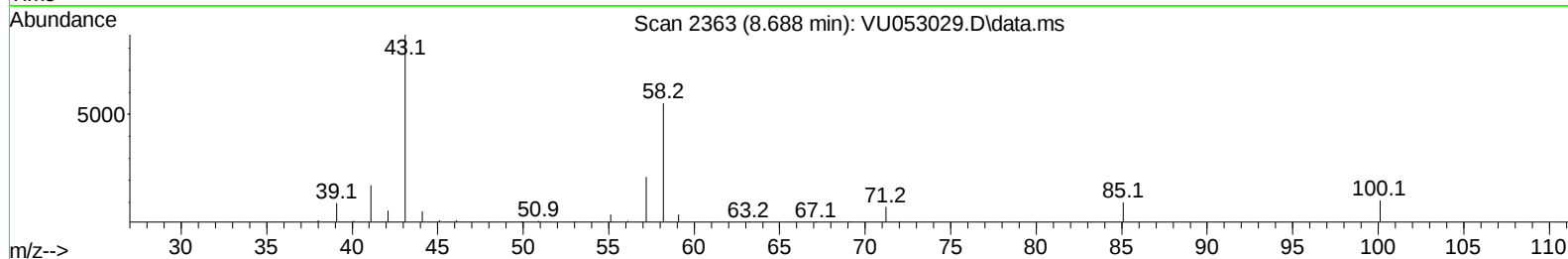
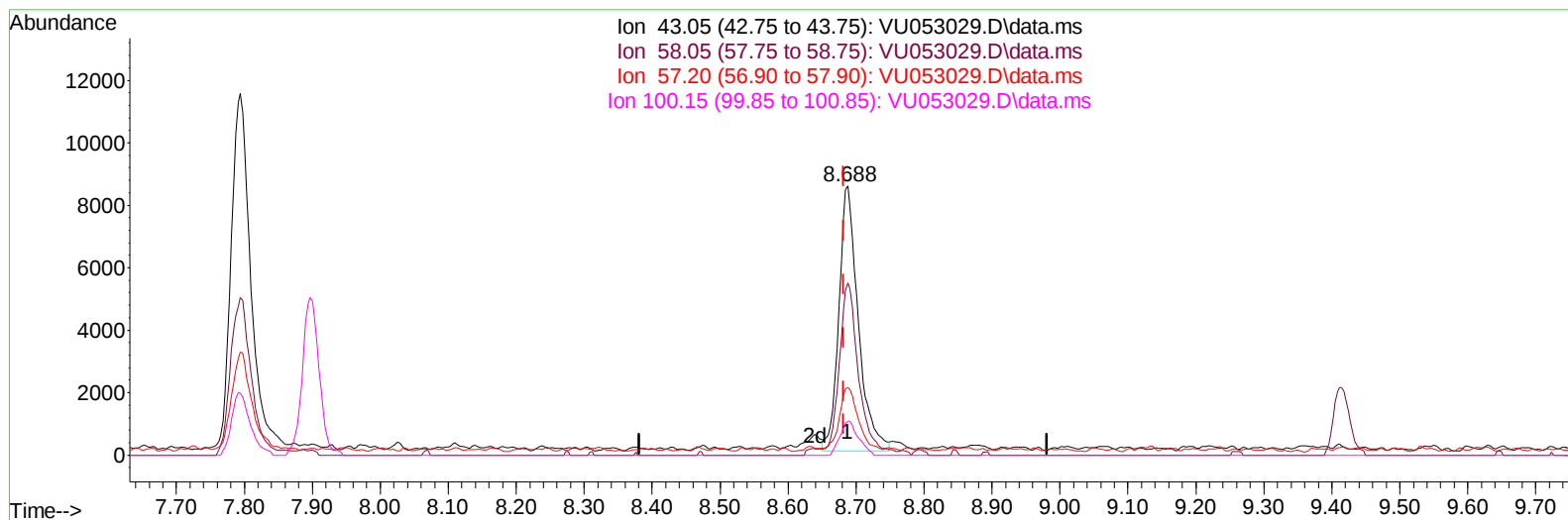
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TIC: VU053029.D\data.ms

(48) 2-Hexanone (T)

8.688min (+ 0.006) 4.98 ug/L m

response 16907

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	62.90	62.31
57.20	21.70	23.01
100.15	12.70	12.02

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	129677	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	112964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	52601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	2978	0.479	ug/L	0.00
7) Chloroethane-d5	1.913	69	3018	0.517	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1655	0.581	ug/L	0.00
20) 2-Butanone-d5	4.665	46	7531m	3.958	ug/L	0.02
24) Chloroform-d	5.061	84	7428	0.520	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	3880	0.539	ug/L	0.00
32) Benzene-d6	5.727	84	13659	0.538	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.691	67	4865	0.550	ug/L	0.00
41) Toluene-d8	7.897	98	13629	0.594	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1790	0.500	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	6856	4.315	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	3577	0.471	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	3939	0.501	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	5196	0.546	ug/L	91
3) Chloromethane	1.518	50	5329	0.537	ug/L	98
5) Vinyl chloride	1.601	62	5416	0.496	ug/L	97
6) Bromomethane	1.855	94	3654	0.538	ug/L	90
8) Chloroethane	1.936	64	3444	0.535	ug/L	99
9) Trichlorofluoromethane	2.138	101	7495	0.498	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	3956	0.477	ug/L #	93
12) 1,1-Dichloroethene	2.579	96	4010	0.523	ug/L	94
13) Acetone	2.682	43	8734m	6.359	ug/L	
14) Carbon disulfide	2.791	76	11429	0.493	ug/L	97
15) Methyl Acetate	2.965	43	1610m	0.491	ug/L	
16) Methylene chloride	3.042	84	5249	0.591	ug/L	92
17) Methyl tert-butyl Ether	3.360	73	10603	0.509	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	4595	0.566	ug/L	85
19) 1,1-Dichloroethane	3.868	63	7714	0.505	ug/L	99
21) 2-Butanone	4.746	43	10339m	5.080	ug/L	
22) cis-1,2-Dichloroethene	4.662	96	4916	0.537	ug/L	97
23) Bromochloromethane	4.974	128	1625	0.448	ug/L	91
25) Chloroform	5.087	83	8409	0.526	ug/L	88
27) 1,2-Dichloroethane	5.800	62	4964	0.505	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	7012	0.520	ug/L	97
30) Cyclohexane	5.383	56	6972	0.517	ug/L #	95
31) Carbon tetrachloride	5.521	117	5659	0.502	ug/L	99
33) Benzene	5.775	78	16752	0.515	ug/L	100
34) Trichloroethene	6.540	95	5045	0.551	ug/L	96
35) Methylcyclohexane	6.762	83	7427	0.501	ug/L	94
37) 1,2-Dichloropropane	6.788	63	4313	0.487	ug/L #	90
38) Bromodichloromethane	7.106	83	5926	0.516	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	6765	0.479	ug/L	96
40) 4-Methyl-2-pentanone	7.794	43	22862	4.941	ug/L	98
42) Toluene	7.968	91	18227	0.515	ug/L	99

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 Operator : JC/MD
 Sample : VSTD0.507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.209	75	5644	0.484	ug/L	93
45) 1,1,2-Trichloroethane	8.398	97	3384	0.530	ug/L	97
47) Tetrachloroethene	8.550	164	2985	0.501	ug/L	97
48) 2-Hexanone	8.688	43	16907m	4.979	ug/L	
49) Dibromochloromethane	8.807	129	3329	0.478	ug/L	97
50) 1,2-Dibromoethane	8.923	107	2753	0.467	ug/L #	96
51) Chlorobenzene	9.447	112	11373	0.516	ug/L	94
52) Ethylbenzene	9.569	91	20538	0.512	ug/L	96
53) m,p-Xylene	9.691	106	7651	0.510	ug/L	93
54) o-Xylene	10.099	106	6900	0.474	ug/L	95
55) Styrene	10.112	104	11007	0.467	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	4123	0.510	ug/L #	98
59) Bromoform	10.292	173	1820	0.476	ug/L #	97
60) Isopropylbenzene	10.482	105	19674	0.517	ug/L	96
61) 1,2,3-Trichloropropane	10.823	75	2467	0.488	ug/L	94
62) 1,3,5-Trimethylbenzene	11.086	105	16082	0.500	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	16351	0.508	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	7759	0.503	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	7965	0.516	ug/L	97
67) 1,2-Dichlorobenzene	12.212	146	7262	0.505	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	476	0.401	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.218	180	5450	0.496	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	4137	0.454	ug/L	98
71) Naphthalene	14.090	128	8286	0.453	ug/L	97
72) 1,2,3-Trichlorobenzene	14.327	180	3607	0.448	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053029.D
 Acq On : 10 Feb 2023 10:57
 Operator : JC/MD
 Sample : VSTD0.507
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5007

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 02/13/2023
 Supervised By :Mahesh Dadoda 02/13/2023

Quant Time: Feb 10 23:02:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:01:28 2023
 Response via : Initial Calibration

