

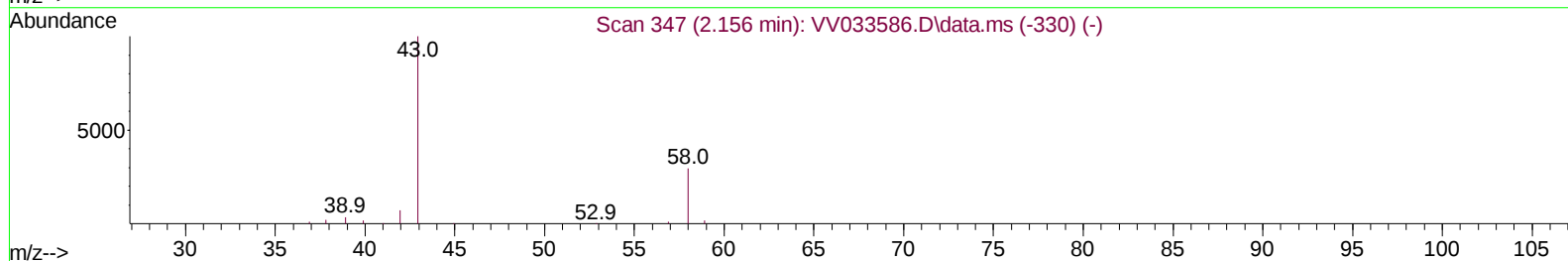
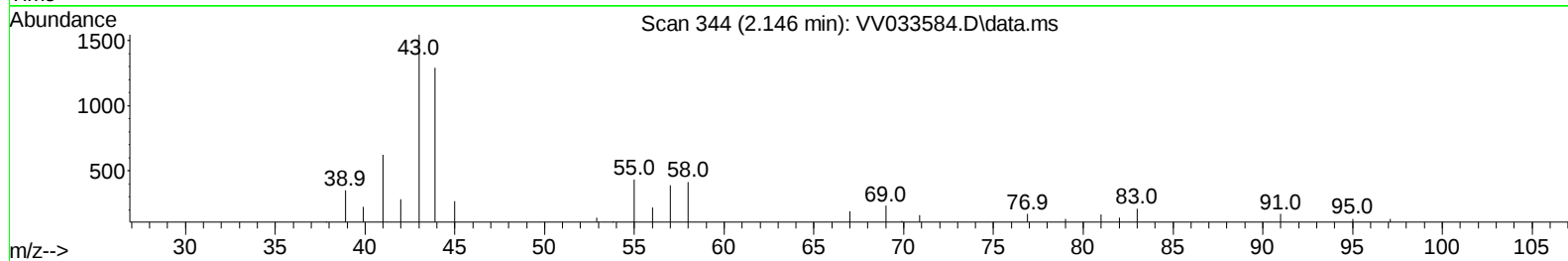
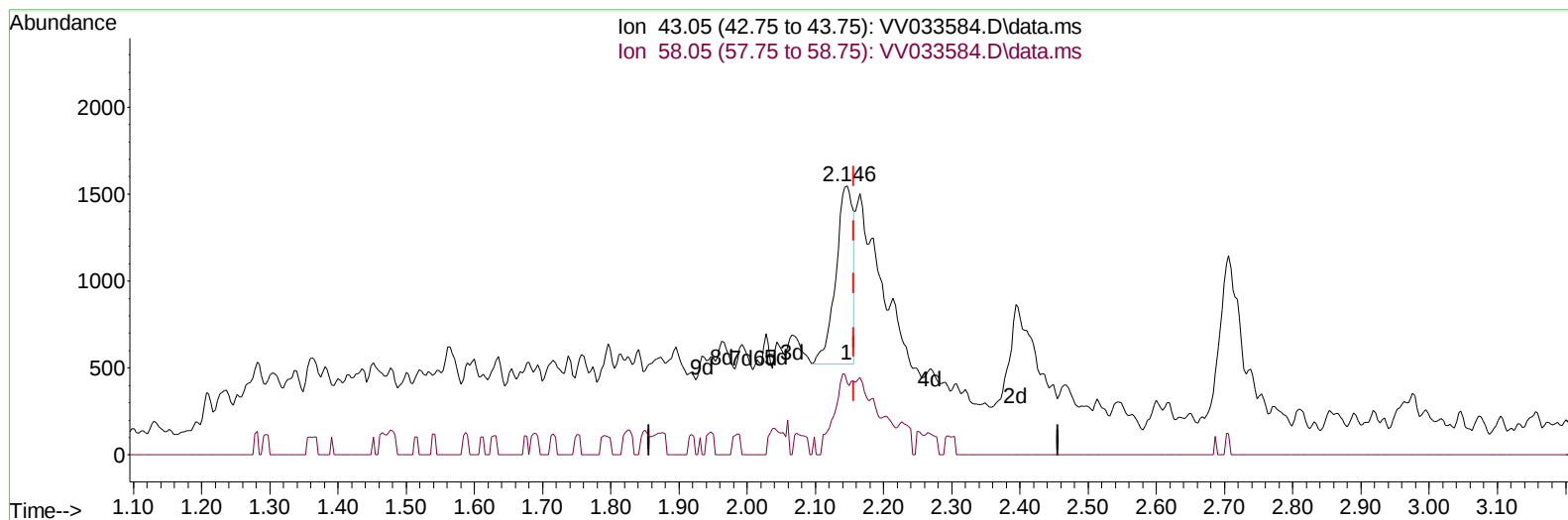
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033584.D
 Acq On : 12 Jan 2024 09:50
 Operator : SY/MD
 Sample : VSTD0.528
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Manual IntegrationsAPPROVED

Quant Time: Jan 12 23:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



TIC: VV033584.D\data.ms

(13) Acetone (T)

2.146min (-0.010) 0.95 ug/L

response 1797

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	25.50	39.79
0.00	0.00	0.00
0.00	0.00	0.00

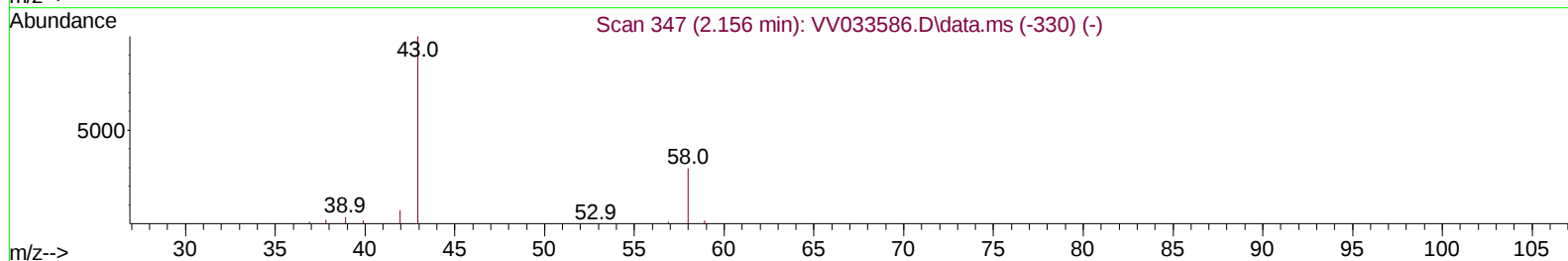
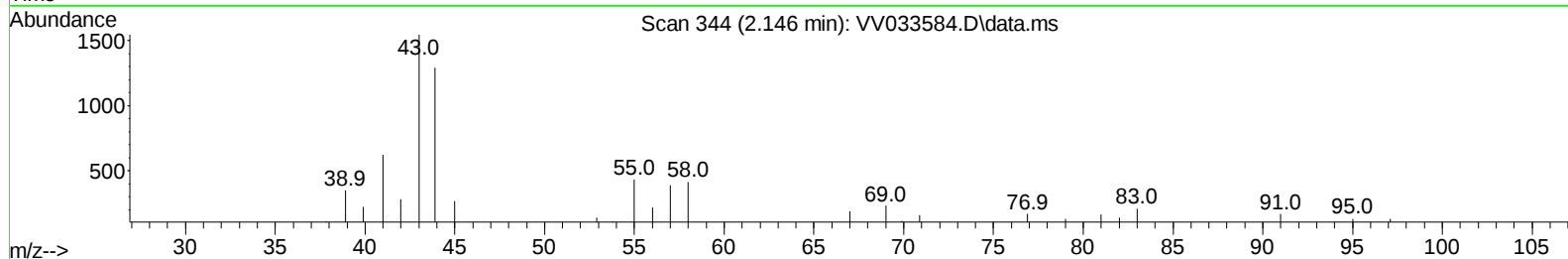
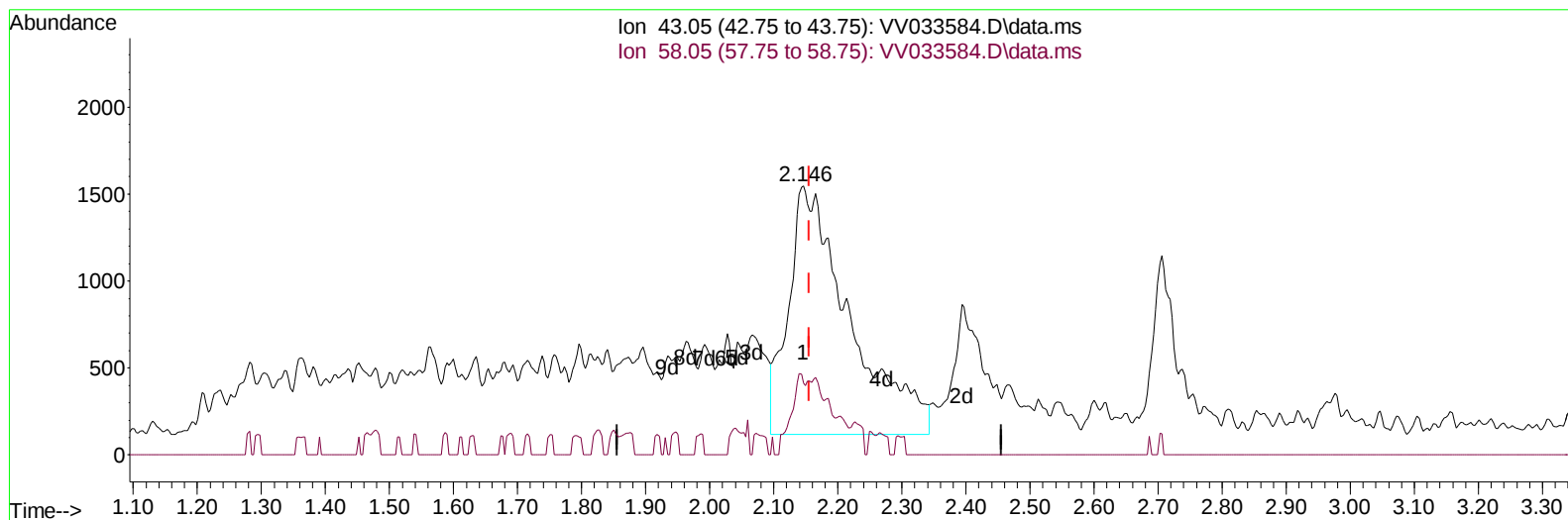
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
 Data File : VV033584.D
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 Operator : SY/MD
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Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Manual IntegrationsAPPROVED

Quant Time: Jan 12 23:06:36 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



TIC: VV033584.D\data.ms

(13) Acetone (T)

2.146min (-0.010) 5.02 ug/L m

response 9458

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	25.50	7.56
0.00	0.00	0.00
0.00	0.00	0.00

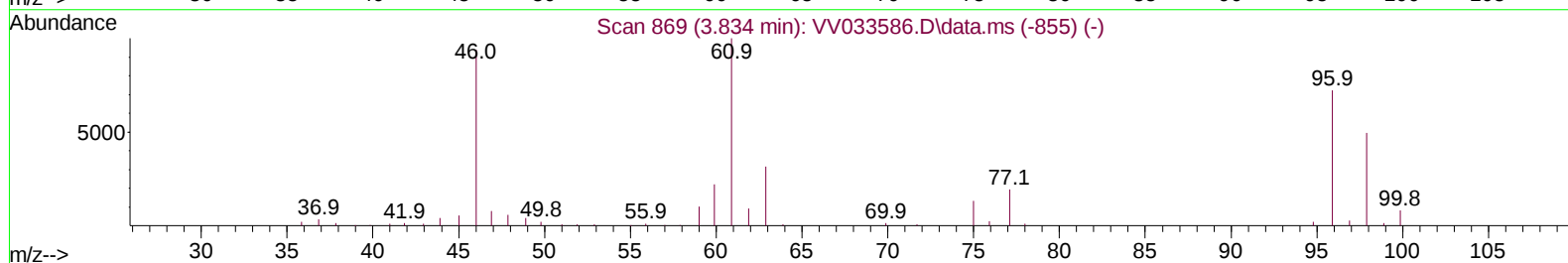
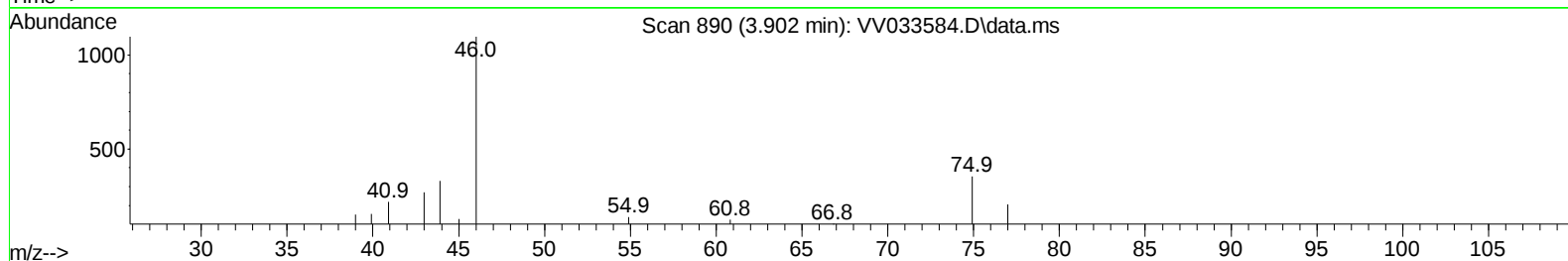
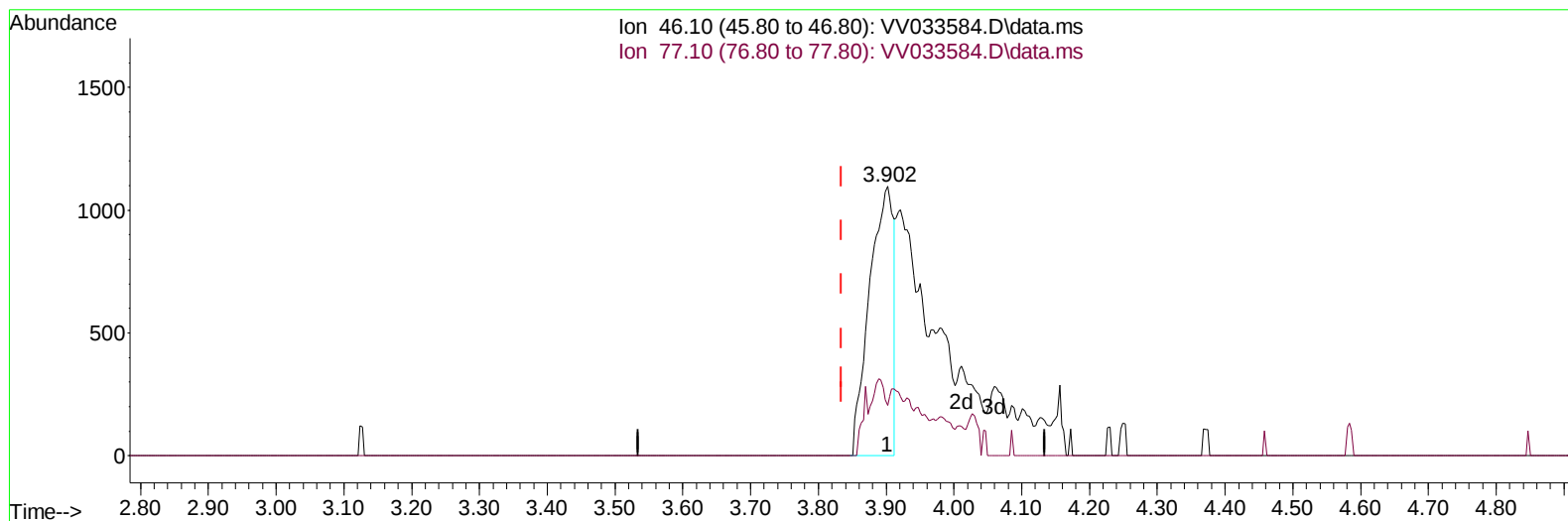
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Data File : VV033584.D
Acq On : 12 Jan 2024 09:50
Operator : SY/MD
Sample : VSTD0.528
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:05:58 2024
Response via : Initial Calibration



TIC: VV033584.D\data.ms

(20) 2-Butanone-d5 (S)**3.902min (+ 0.067) 1.20 ug/L****response 2657**

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	6.40	3.84#
0.00	0.00	0.00
0.00	0.00	0.00

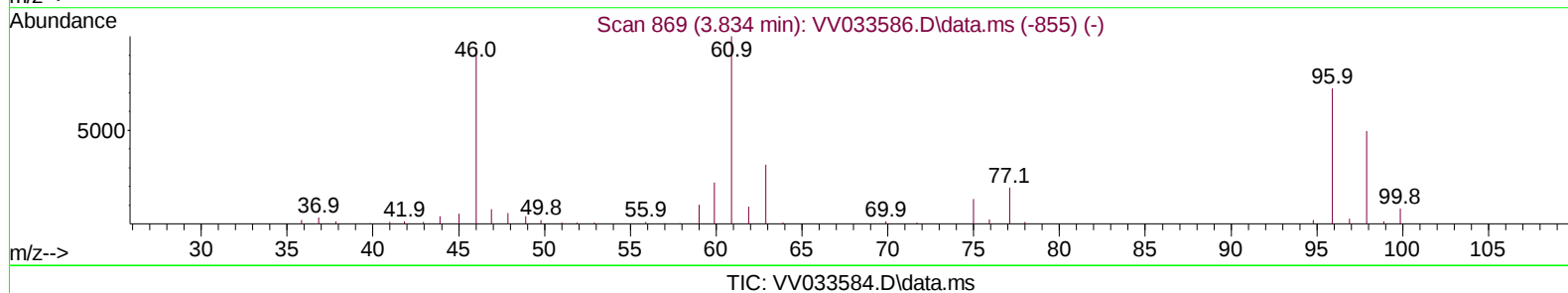
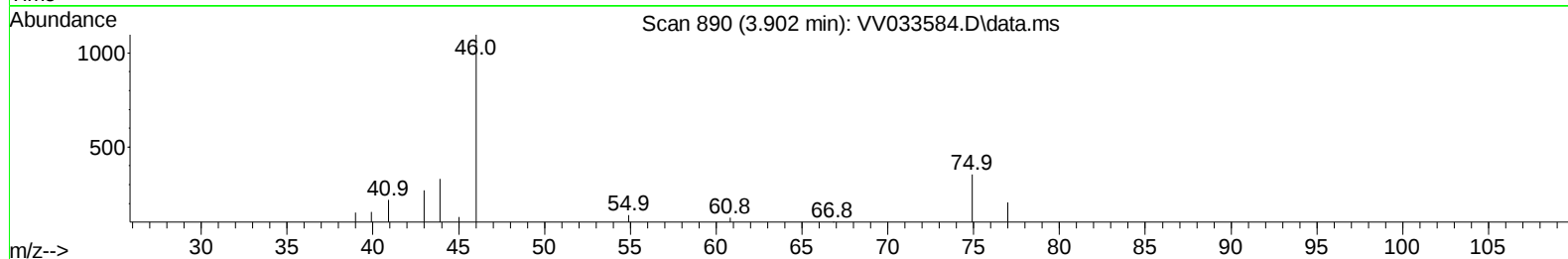
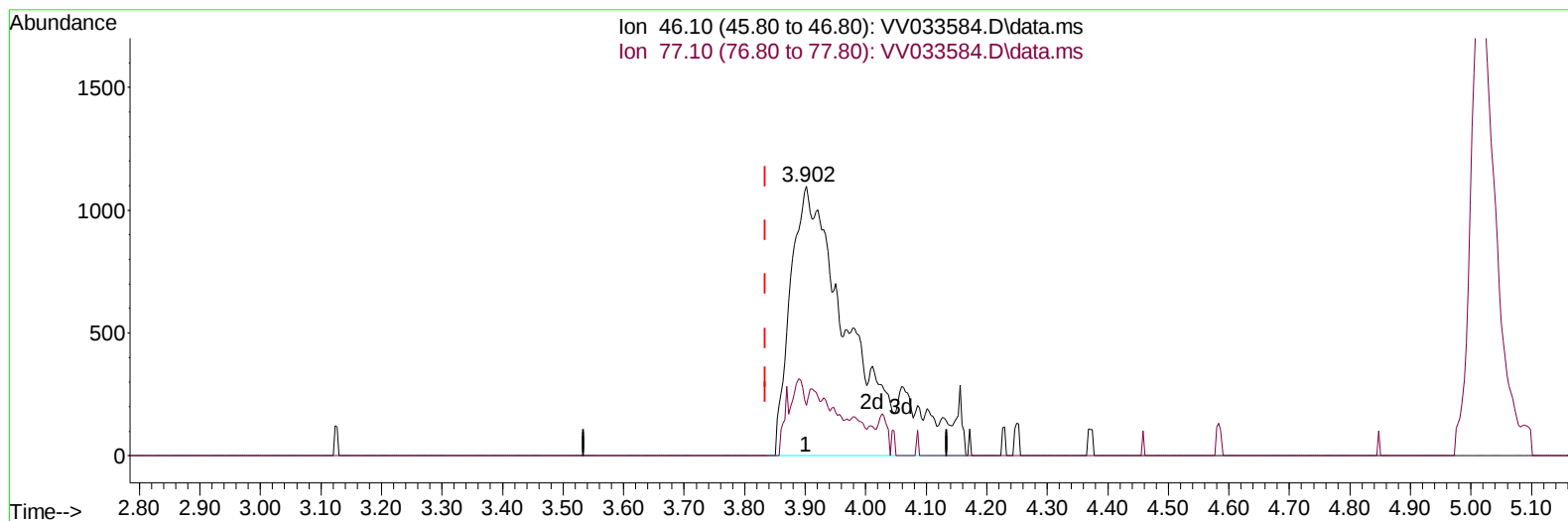
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Data File : VV033584.D
Acq On : 12 Jan 2024 09:50
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 12 23:06:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:05:58 2024
Response via : Initial Calibration

**(20) 2-Butanone-d5 (S)**

3.902min (+ 0.067) 3.64 ug/L m

response 8099

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	6.40	1.26#
0.00	0.00	0.00
0.00	0.00	0.00

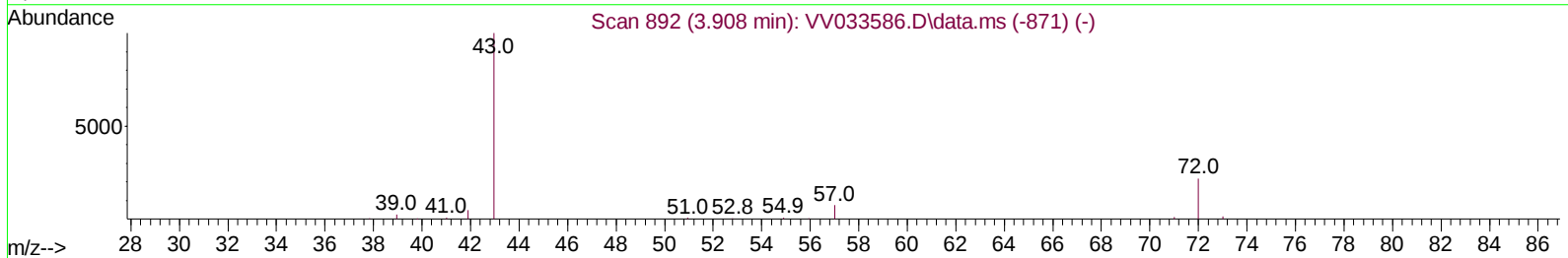
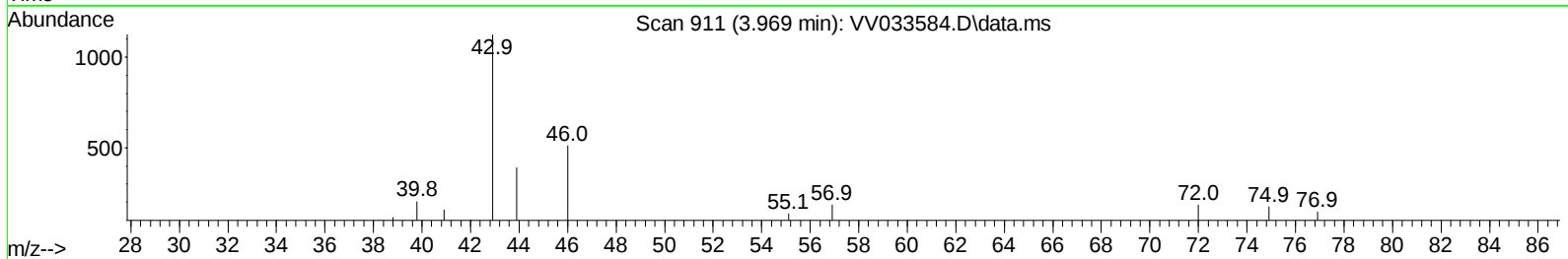
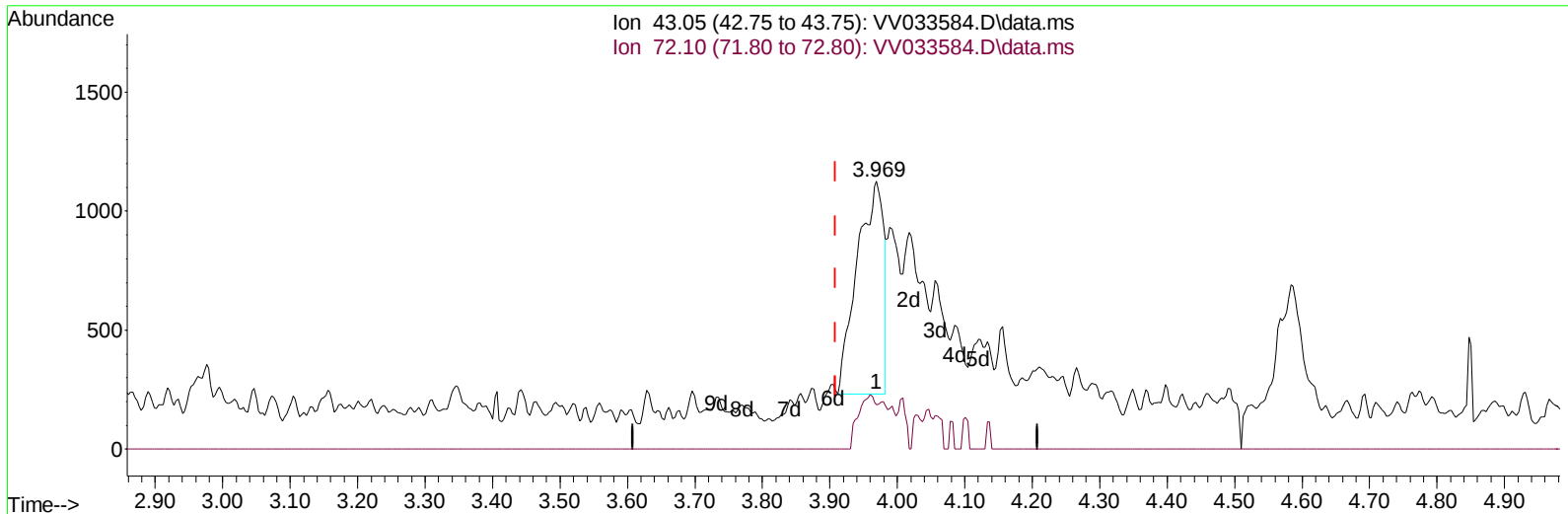
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033584.D
Acq On : 12 Jan 2024 09:50
Operator : SY/MD
Sample : VSTD0.528
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
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QLast Update : Fri Jan 12 23:05:58 2024
Response via : Initial Calibration



TIC: VV033584.D\data.ms

(21) 2-Butanone (T)

3.969min (+ 0.061) 0.95 ug/L

response 2416

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	21.10	17.18
0.00	0.00	0.00
0.00	0.00	0.00

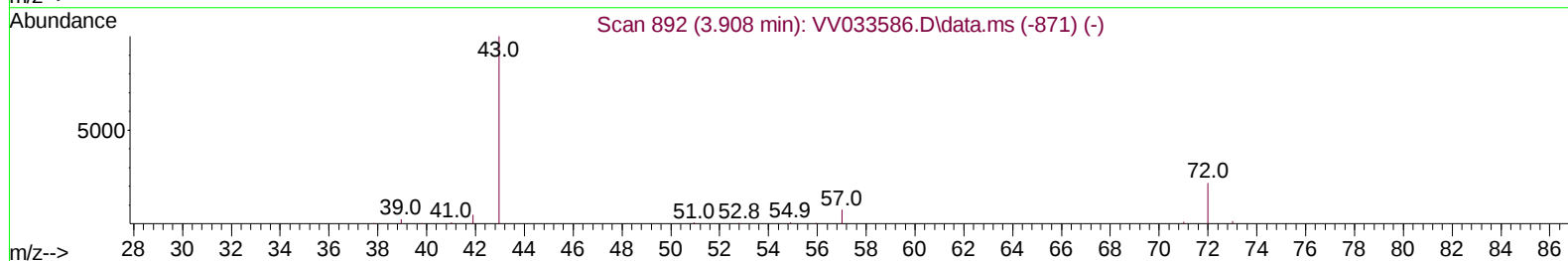
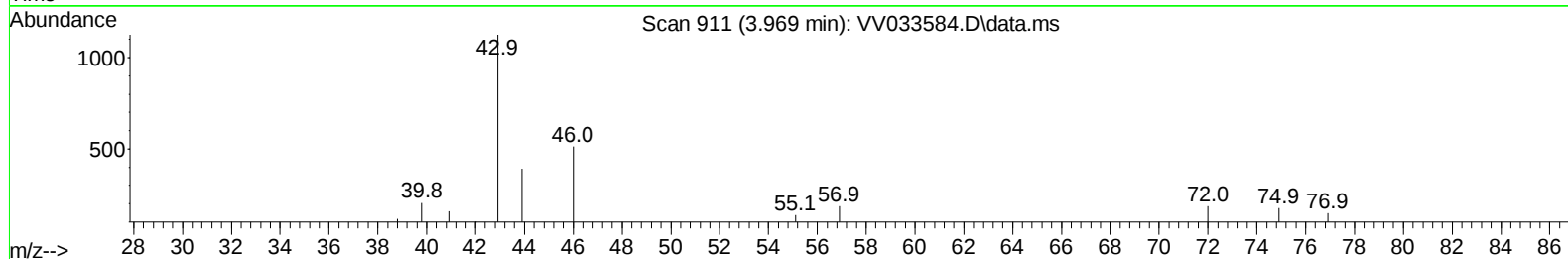
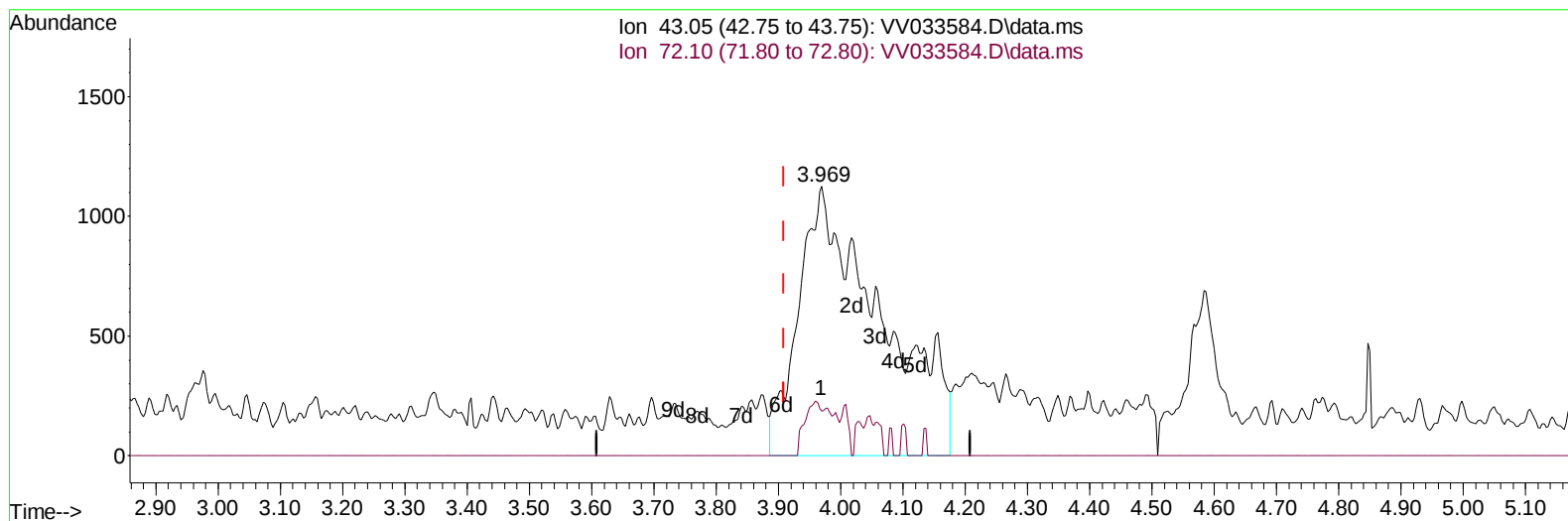
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 Operator : SY/MD
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Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Manual IntegrationsAPPROVED

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 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



TIC: VV033584.D\data.ms

(21) 2-Butanone (T)

3.969min (+ 0.061) 4.07 ug/L m

response 10332

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	21.10	4.02#
0.00	0.00	0.00
0.00	0.00	0.00

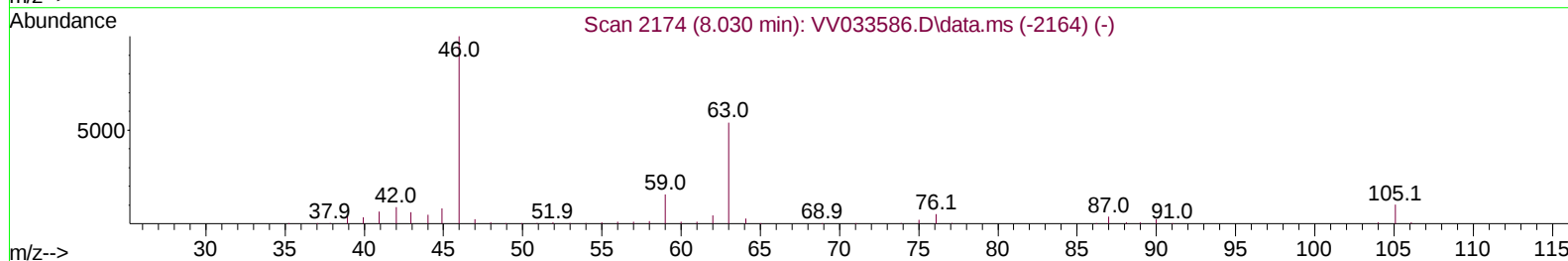
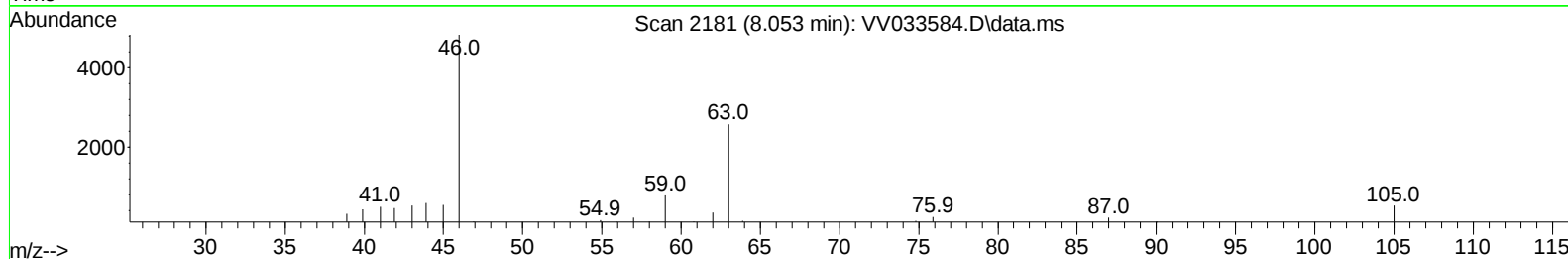
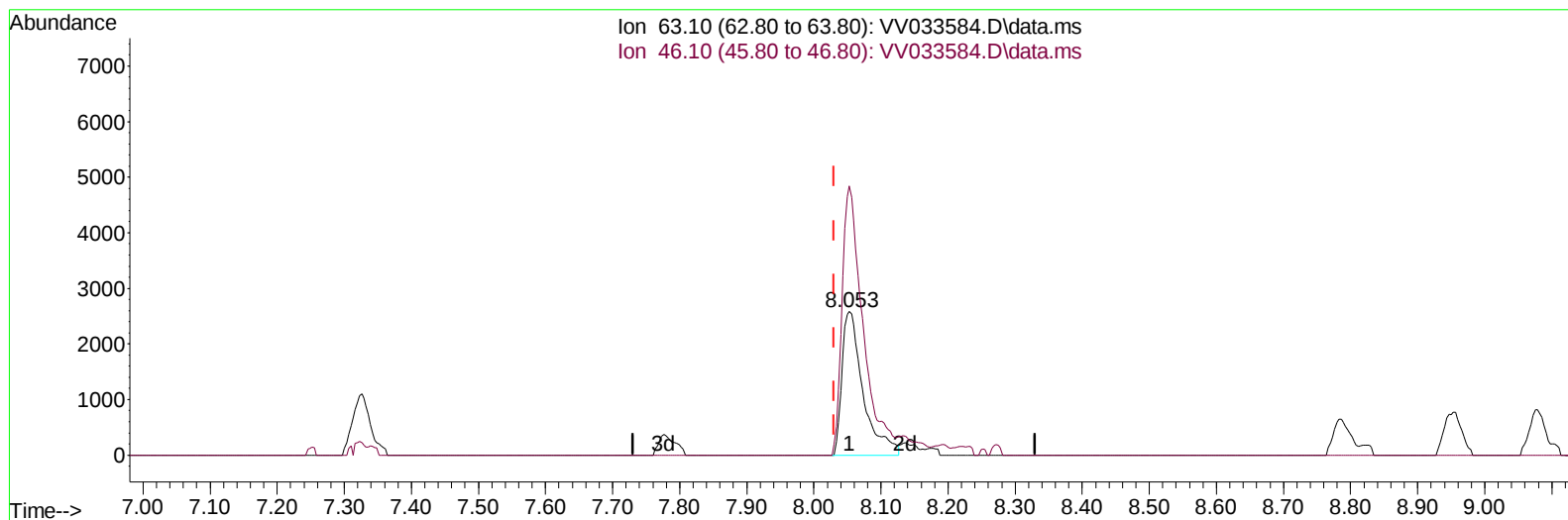
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Data File : VV033584.D
Acq On : 12 Jan 2024 09:50
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
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Quant Time: Jan 12 23:06:36 2024
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 12 23:05:58 2024
Response via : Initial Calibration



TIC: VV033584.D\data.ms

(46) 2-Hexanone-d5 (S)

8.053min (+ 0.022) 3.41 ug/L

response 5649

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	187.50	185.57
0.00	0.00	0.00
0.00	0.00	0.00

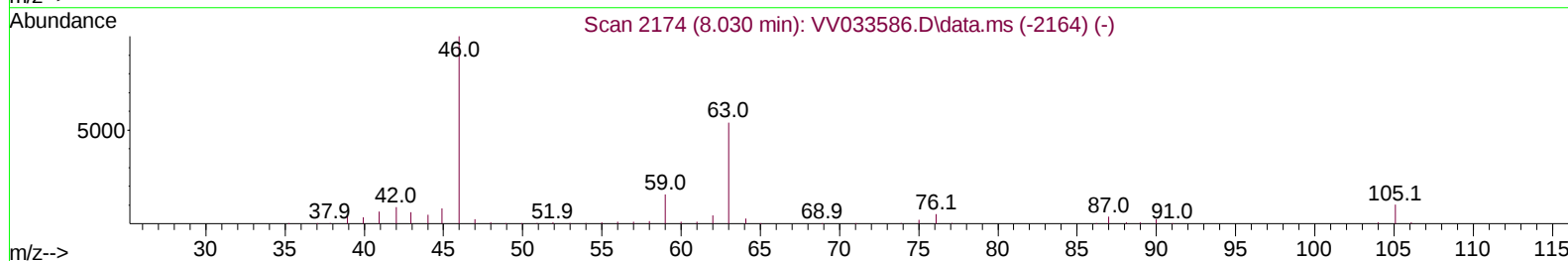
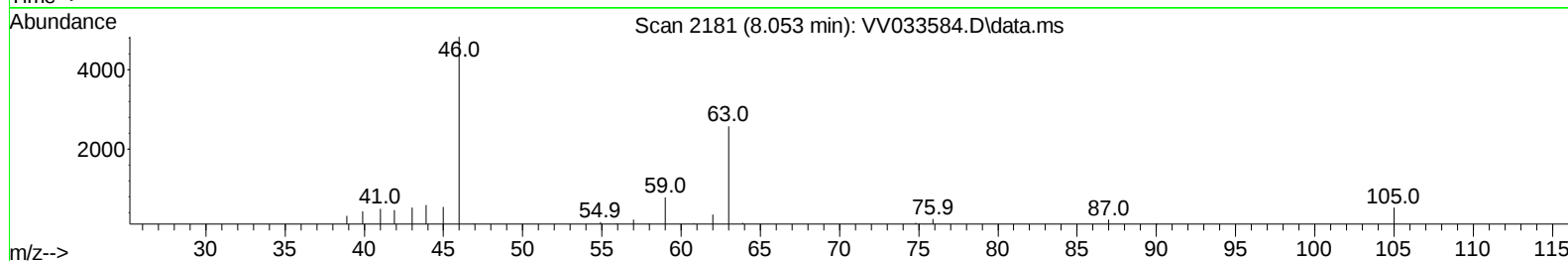
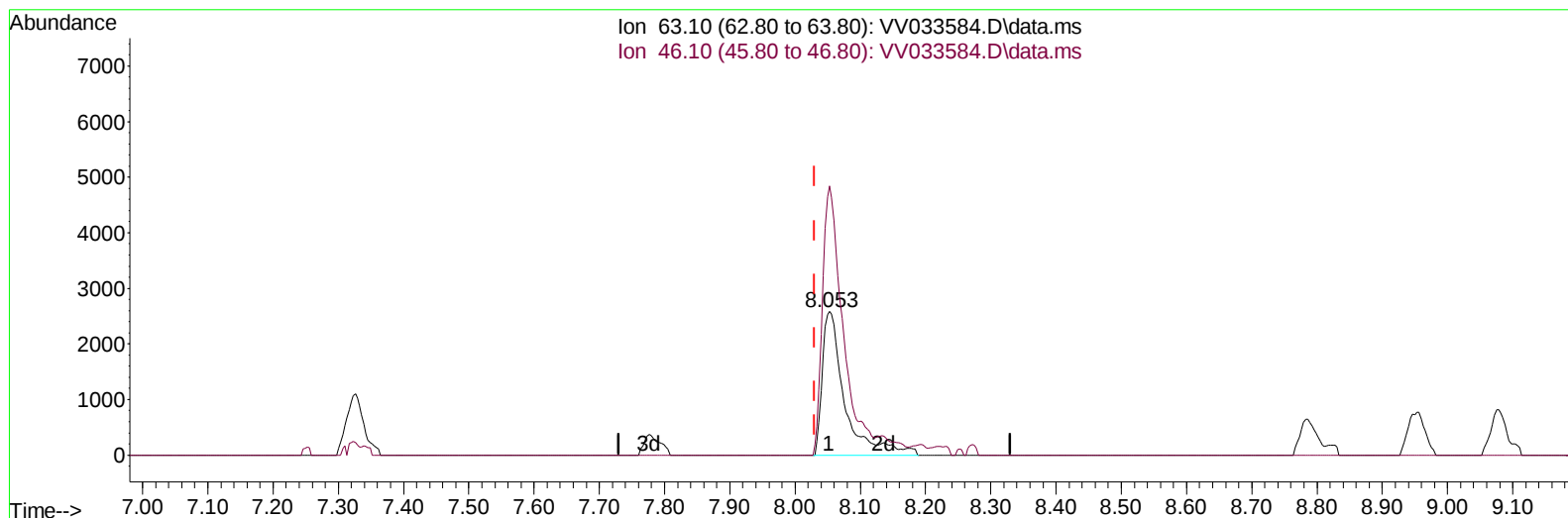
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 Data File : VV033584.D
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 Operator : SY/MD
 Sample : VSTD0.528
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Manual IntegrationsAPPROVED

Quant Time: Jan 12 23:06:36 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



TIC: VV033584.D\data.ms

(46) 2-Hexanone-d5 (S)

8.053min (+ 0.022) 3.72 ug/L m

response 6164

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	187.50	170.07
0.00	0.00	0.00
0.00	0.00	0.00

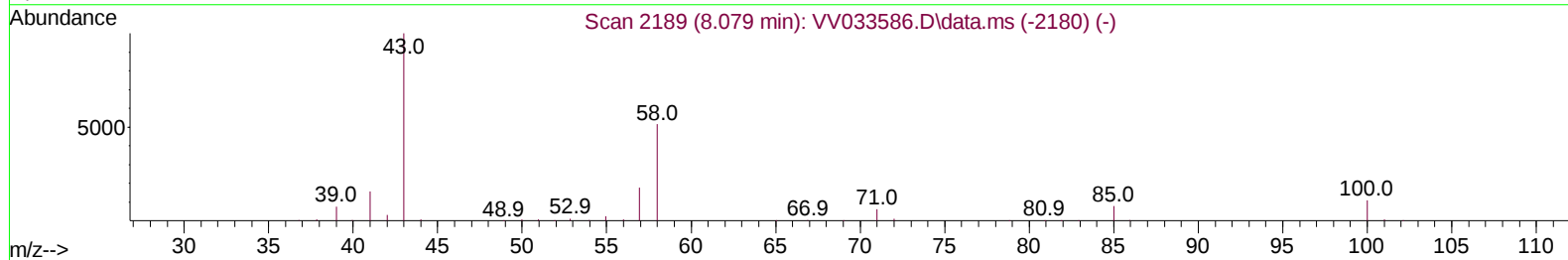
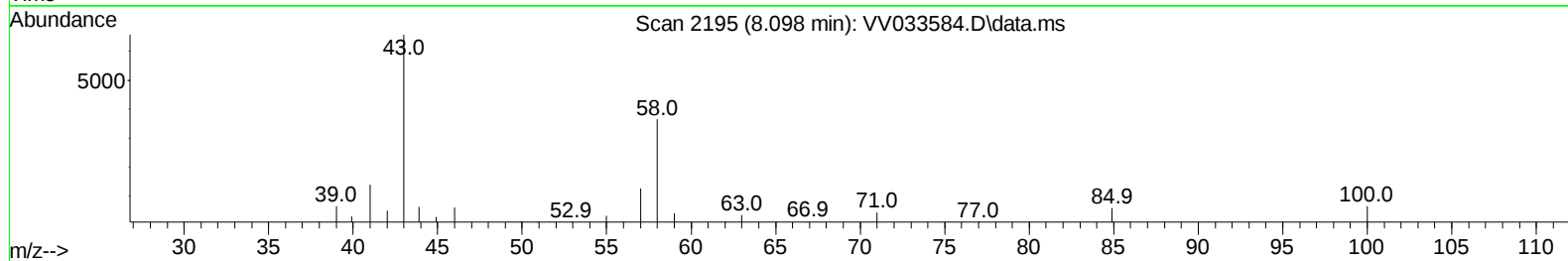
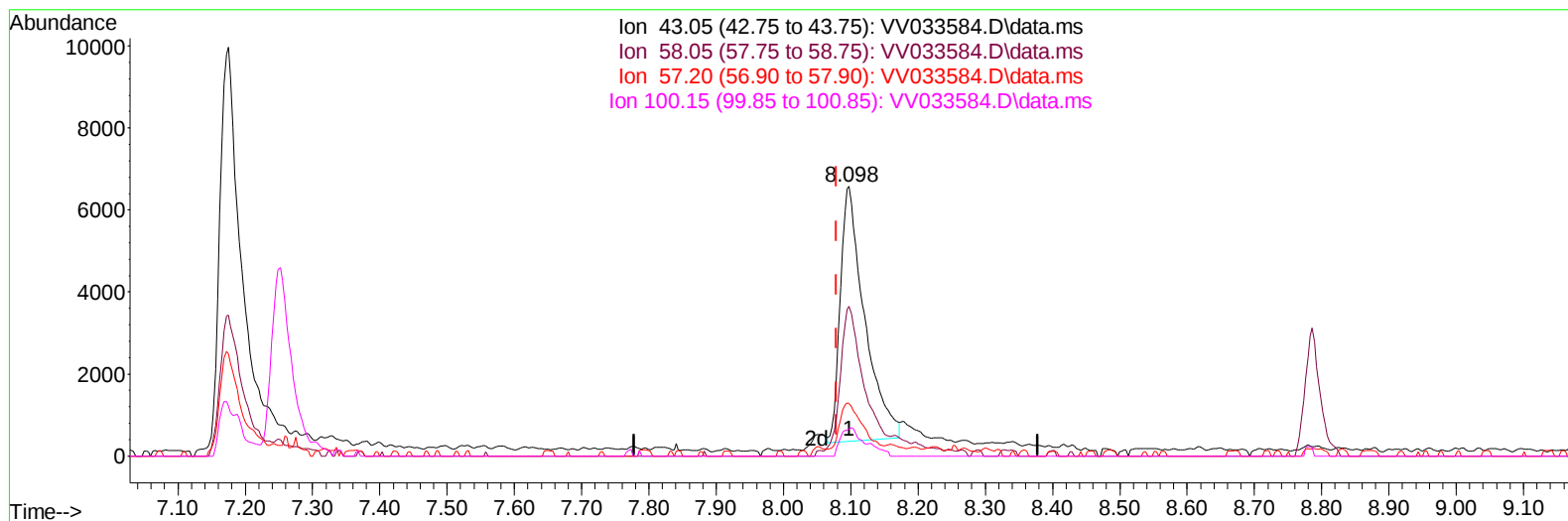
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ClientSampleId :
VSTD0.5228

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 01/15/2024



TIC: VV033584.D\data.ms

(48) 2-Hexanone (T)

8.098min (+ 0.019) 3.53 ug/L

response 15527

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	50.80	59.16
57.20	17.30	21.68#
100.15	10.60	11.26

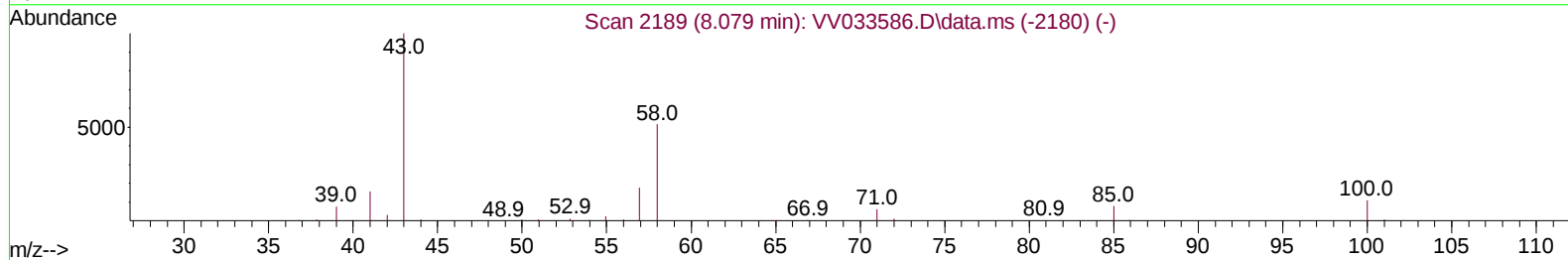
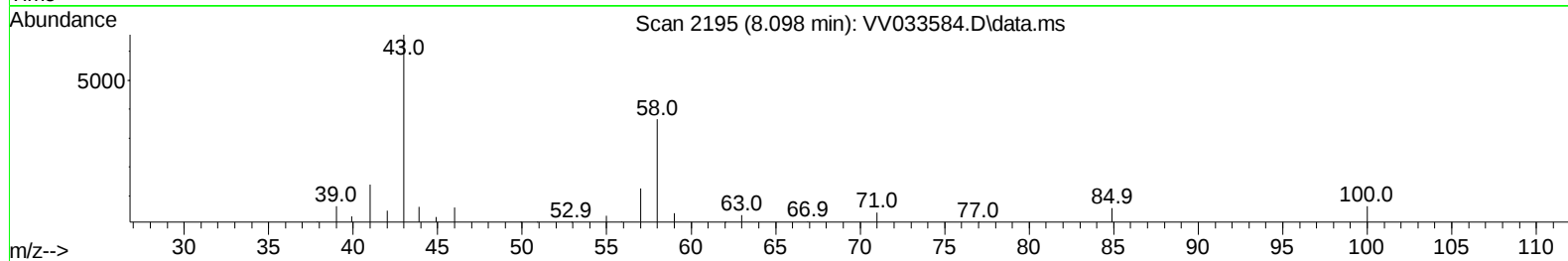
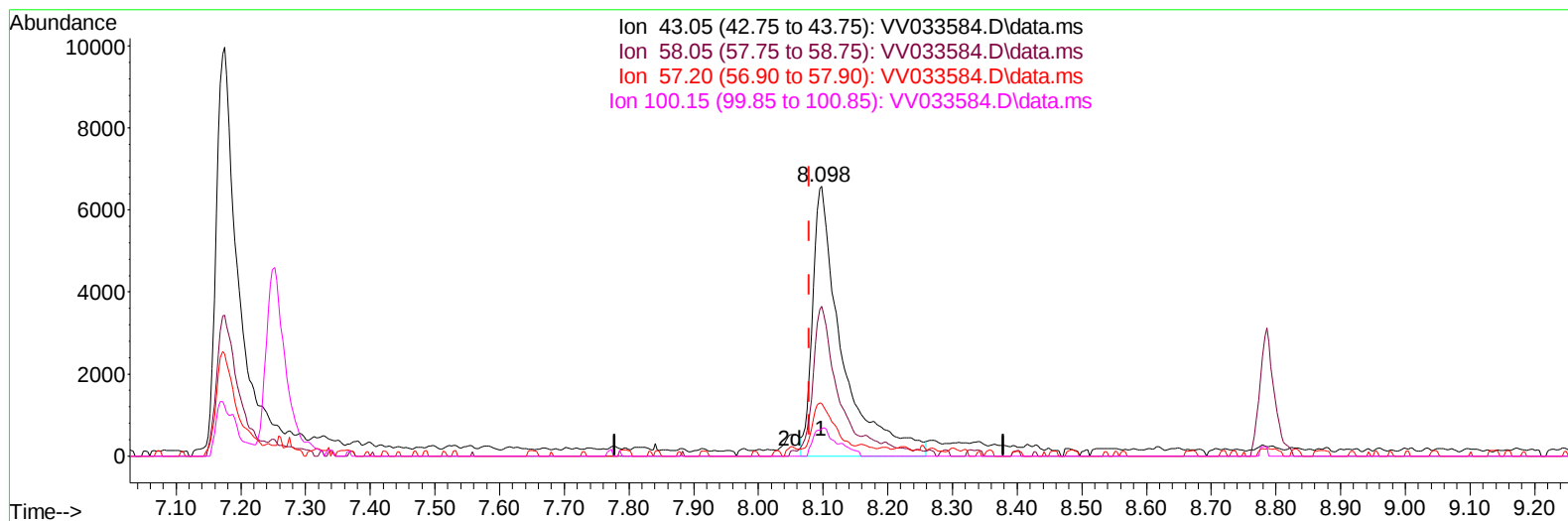
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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



TIC: VV033584.D\data.ms

(48) 2-Hexanone (T)

8.098min (+ 0.019) 4.70 ug/L m

response 20685

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	50.80	44.41
57.20	17.30	16.28
100.15	10.60	8.46#

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 ALS Vial : 3 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	146319	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4154	0.467	ug/L	0.00
7) Chloroethane-d5	1.535	69	3536	0.465	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	1643	0.412	ug/L	0.00
20) 2-Butanone-d5	3.902	46	8099m	3.644	ug/L	0.07
24) Chloroform-d	4.255	84	8253	0.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	3735	0.448	ug/L	0.02
32) Benzene-d6	4.969	84	15415	0.463	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	6013	0.572	ug/L	0.00
41) Toluene-d8	7.249	98	14124	0.479	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1840	0.440	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	6164m	3.722	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	3010	0.429	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	5533	0.532	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	5971	0.459	ug/L	97
3) Chloromethane	1.214	50	7429	0.519	ug/L	100
5) Vinyl chloride	1.285	62	7077	0.514	ug/L	97
6) Bromomethane	1.490	94	3578	0.472	ug/L	90
8) Chloroethane	1.551	64	4376	0.517	ug/L	97
9) Trichlorofluoromethane	1.715	101	8237	0.487	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4729	0.469	ug/L	97
12) 1,1-Dichloroethene	2.072	96	5074	0.548	ug/L	90
13) Acetone	2.146	43	9458m	5.015	ug/L	
14) Carbon disulfide	2.243	76	17804	0.602	ug/L	98
15) Methyl Acetate	2.394	43	1460	0.288	ug/L #	71
16) Methylene chloride	2.449	84	6226	0.542	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	10070	0.405	ug/L	95
18) trans-1,2-Dichloroethene	2.699	96	5320	0.514	ug/L	100
19) 1,1-Dichloroethane	3.117	63	10486	0.471	ug/L	99
21) 2-Butanone	3.969	43	10332m	4.066	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	5523	0.476	ug/L	88
23) Bromochloromethane	4.156	128	1925	0.434	ug/L #	93
25) Chloroform	4.281	83	9584	0.463	ug/L	98
27) 1,2-Dichloroethane	5.063	62	5369	0.448	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	8426	0.470	ug/L	97
30) Cyclohexane	4.580	56	10684	0.544	ug/L	98
31) Carbon tetrachloride	4.735	117	7080	0.480	ug/L	98
33) Benzene	5.018	78	21011	0.480	ug/L	100
34) Trichloroethene	5.841	95	5734	0.489	ug/L	97
35) Methylcyclohexane	6.050	83	10210	0.540	ug/L	97
37) 1,2-Dichloropropane	6.101	63	5372	0.468	ug/L #	87
38) Bromodichloromethane	6.442	83	6529	0.464	ug/L	100
39) cis-1,3-Dichloropropene	6.969	75	6988	0.409	ug/L	99
40) 4-Methyl-2-pentanone	7.175	43	24184	4.026	ug/L	95
42) Toluene	7.323	91	22535	0.483	ug/L	99

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 12 23:06:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.599	75	6000	0.452	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	2872	0.421	ug/L	96
47) Tetrachloroethene	7.908	164	4136	0.498	ug/L	95
48) 2-Hexanone	8.098	43	20685m	4.697	ug/L	
49) Dibromochloromethane	8.178	129	3627	0.451	ug/L	97
50) 1,2-Dibromoethane	8.294	107	2582	0.407	ug/L #	97
51) Chlorobenzene	8.818	112	14412	0.497	ug/L	98
52) Ethylbenzene	8.953	91	26778	0.490	ug/L	98
53) m,p-Xylene	9.078	106	10041	0.498	ug/L	98
54) o-Xylene	9.480	106	9425	0.479	ug/L	96
55) Styrene	9.506	104	15133	0.465	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.181	83	3252	0.432	ug/L	88
59) Bromoform	9.670	173	1763	0.429	ug/L #	94
60) Isopropylbenzene	9.869	105	25434	0.487	ug/L	98
61) 1,2,3-Trichloropropane	10.217	75	2491	0.457	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.477	105	21489	0.486	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	21172	0.483	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	11092	0.495	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	11603	0.511	ug/L	92
67) 1,2-Dichlorobenzene	11.583	146	10265	0.524	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	505	0.401	ug/L #	70
69) 1,3,5-Trichlorobenzene	12.586	180	9199	0.534	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	8832	0.615	ug/L	95
71) Naphthalene	13.445	128	22700	1.142	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7255	0.644	ug/L	99

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

