

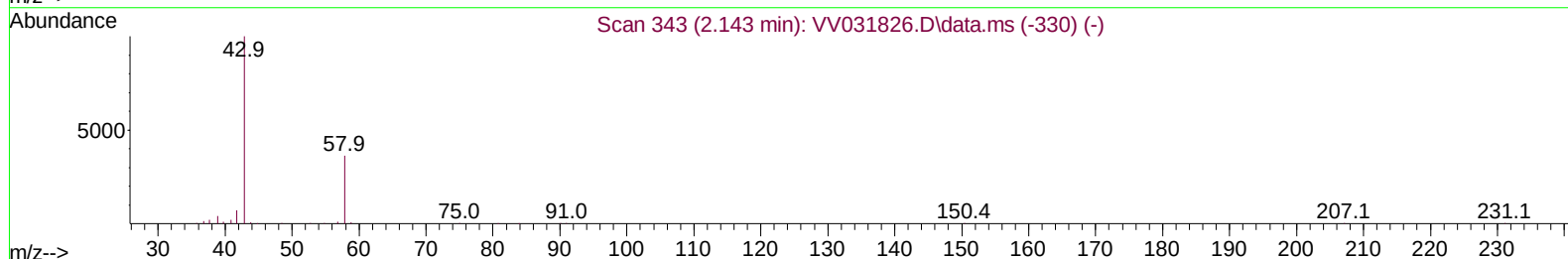
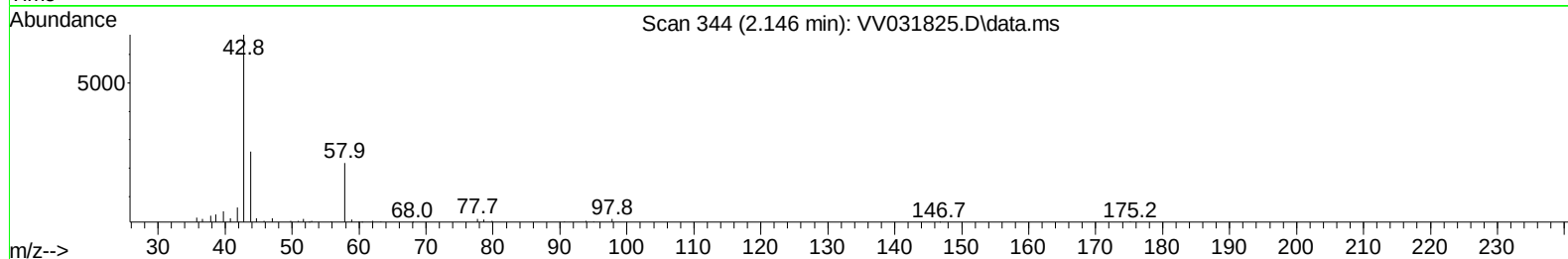
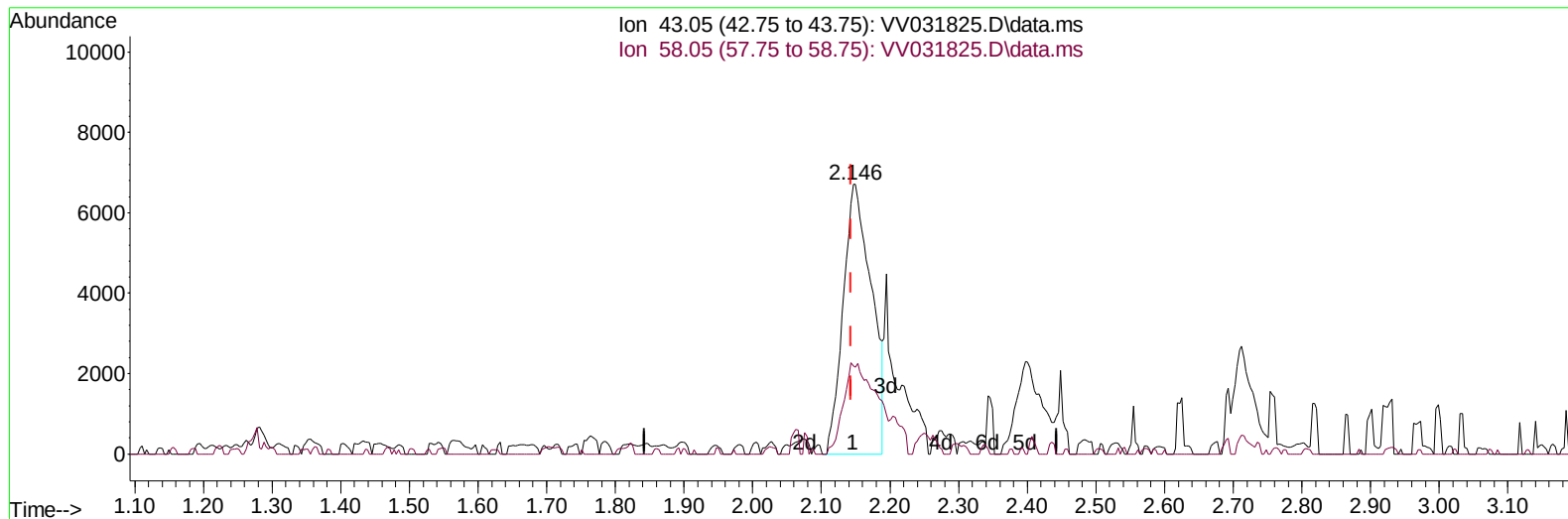
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
Data File : VV031825.D
Acq On : 17 Aug 2023 11:58
Operator : SY/MD
Sample : VSTD00167
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 01:57:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 18 01:55:56 2023
Response via : Initial Calibration



TIC: VV031825.D\data.ms

(13) Acetone (T)

2.146min (+ 0.003) 7.29 ug/L

response 19101

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	34.50	39.10
0.00	0.00	0.00
0.00	0.00	0.00

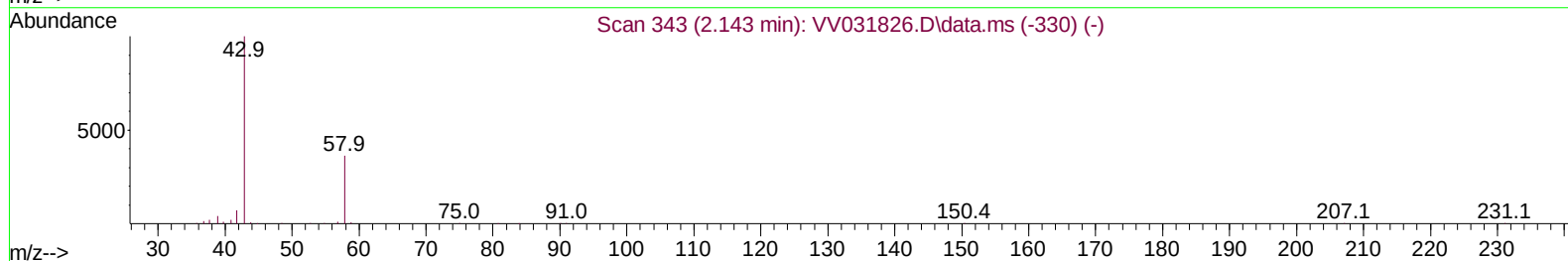
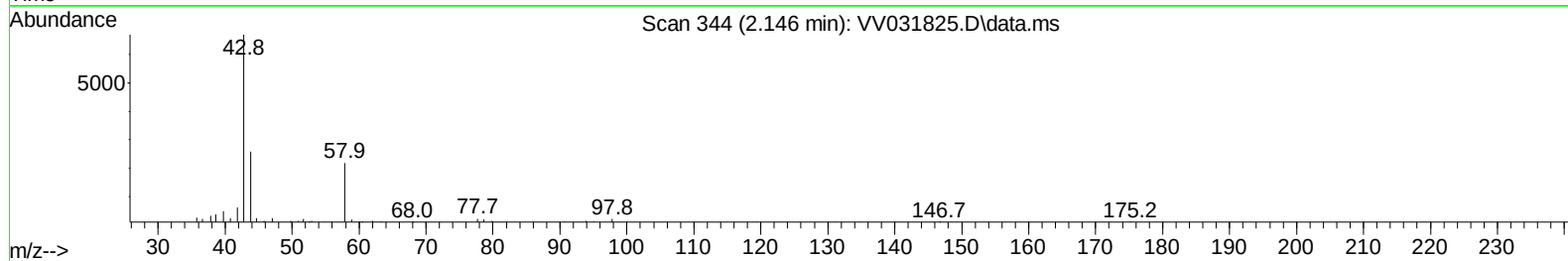
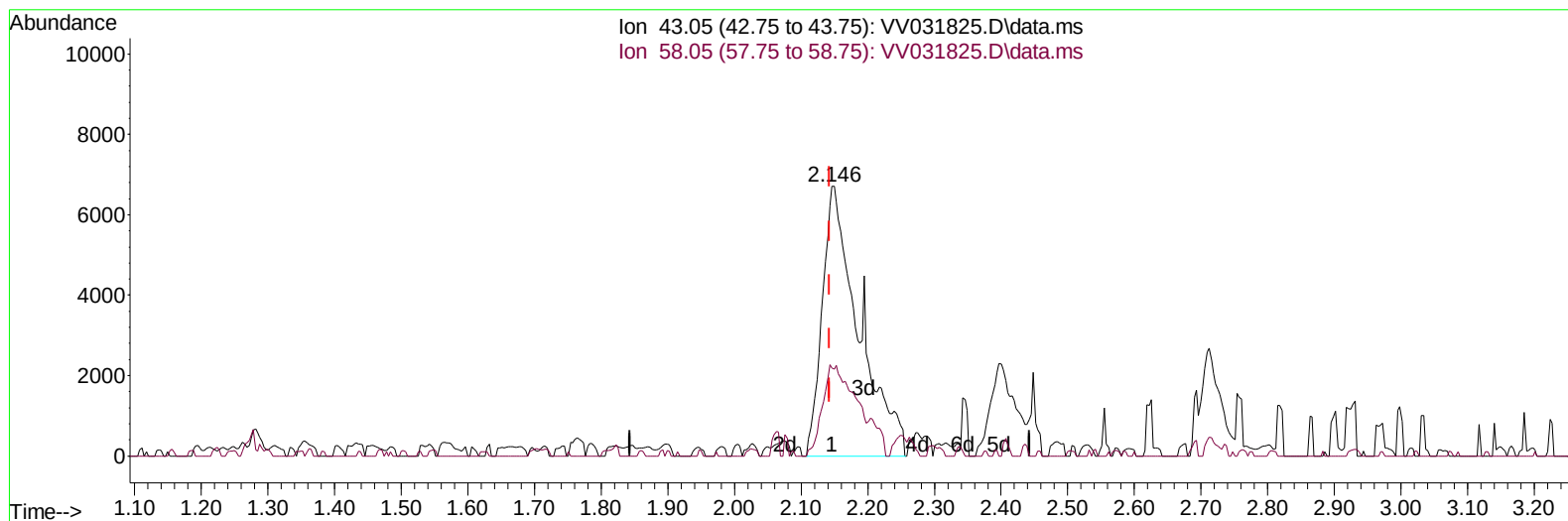
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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 Operator : SY/MD
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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



TIC: VV031825.D\data.ms

(13) Acetone (T)

2.146min (+ 0.003) 9.73 ug/L m

response 25484

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	34.50	29.31
0.00	0.00	0.00
0.00	0.00	0.00

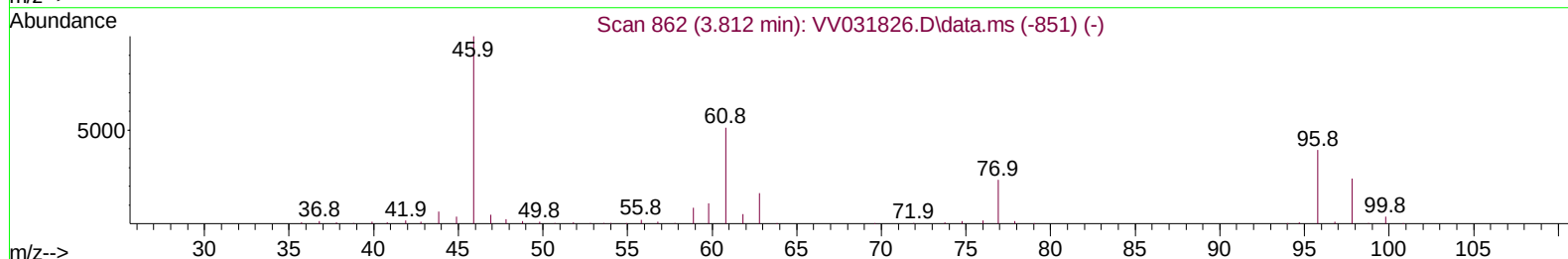
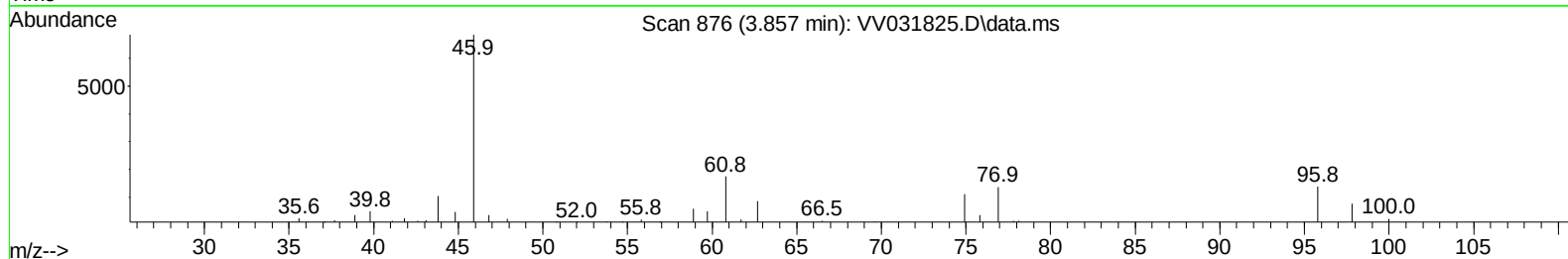
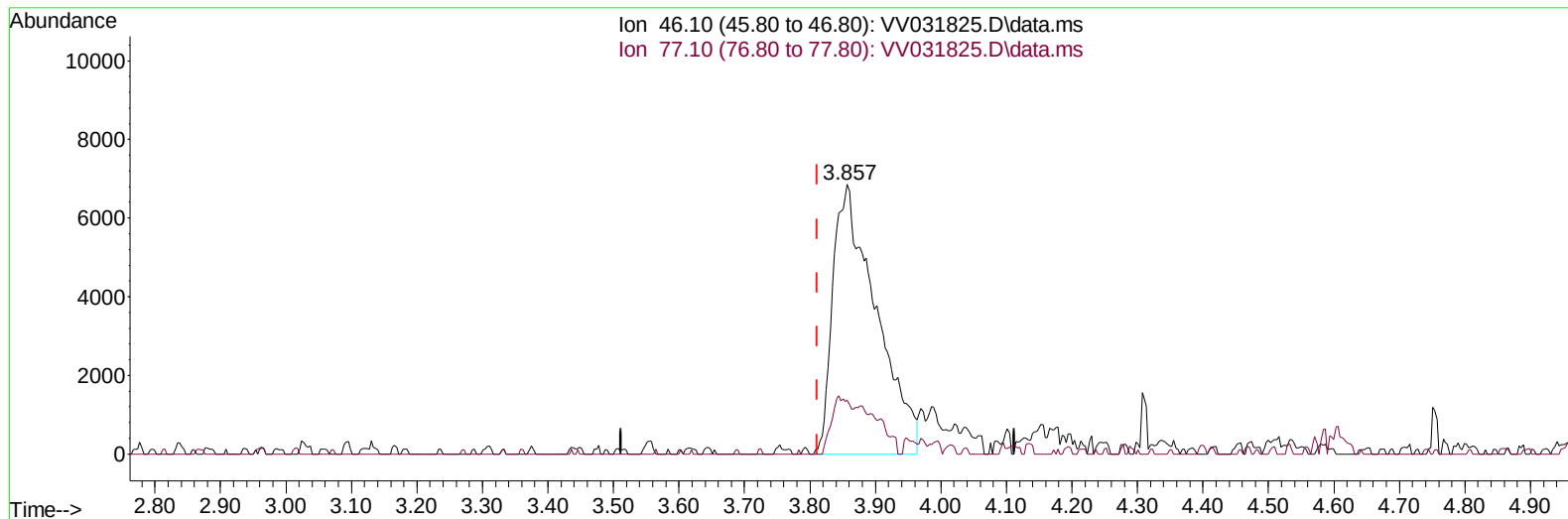
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031825.D
 Acq On : 17 Aug 2023 11:58
 Operator : SY/MD
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 ALS Vial : 4 Sample Multiplier: 1

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 MSVOA_V
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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



TIC: VV031825.D\data.ms

(20) 2-Butanone-d5 (S)

3.857min (+ 0.045) 7.61 ug/L

response 31120

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.80	9.83#
0.00	0.00	0.00
0.00	0.00	0.00

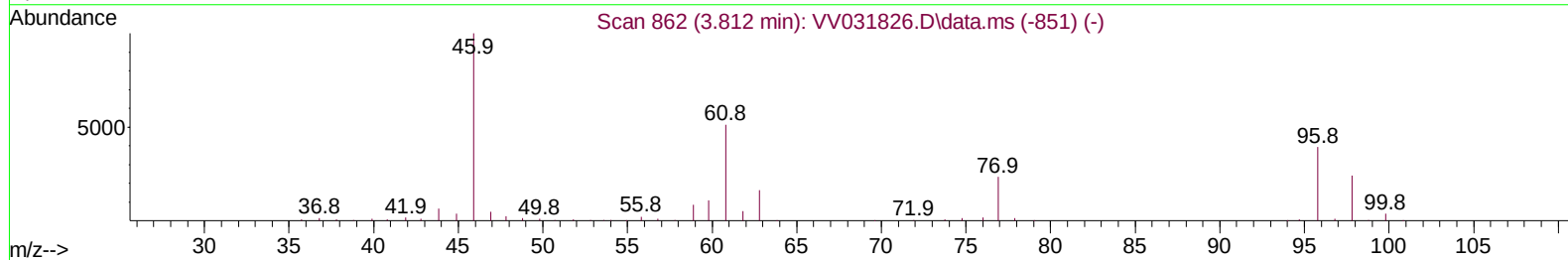
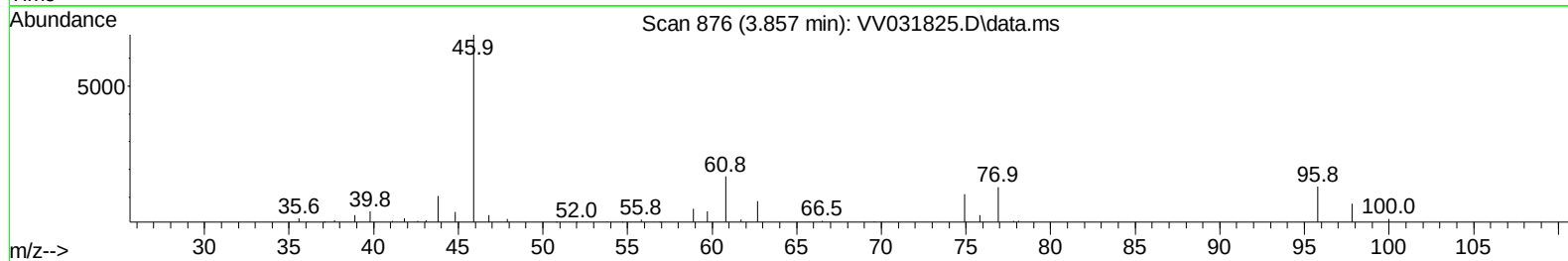
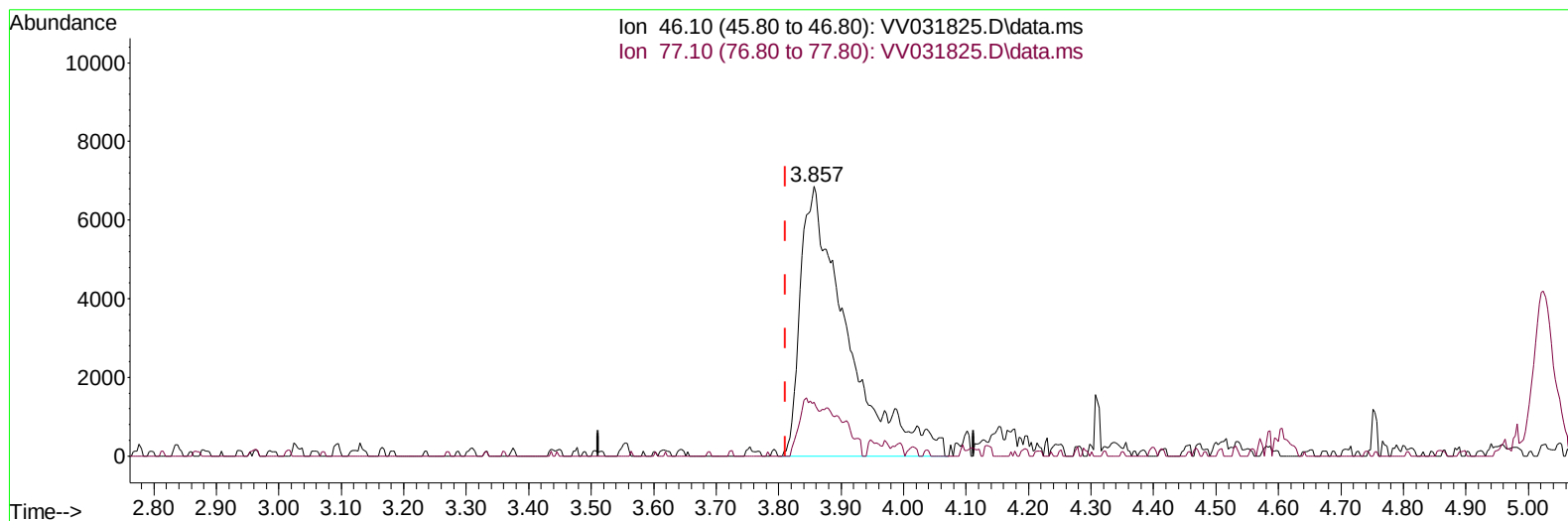
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
Data File : VV031825.D
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Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
VSTD001267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 01:57:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
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Response via : Initial Calibration



TIC: VV031825.D\data.ms

(20) 2-Butanone-d5 (S)**3.857min (+ 0.045) 8.66 ug/L m****response 35433**

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.80	8.63#
0.00	0.00	0.00
0.00	0.00	0.00

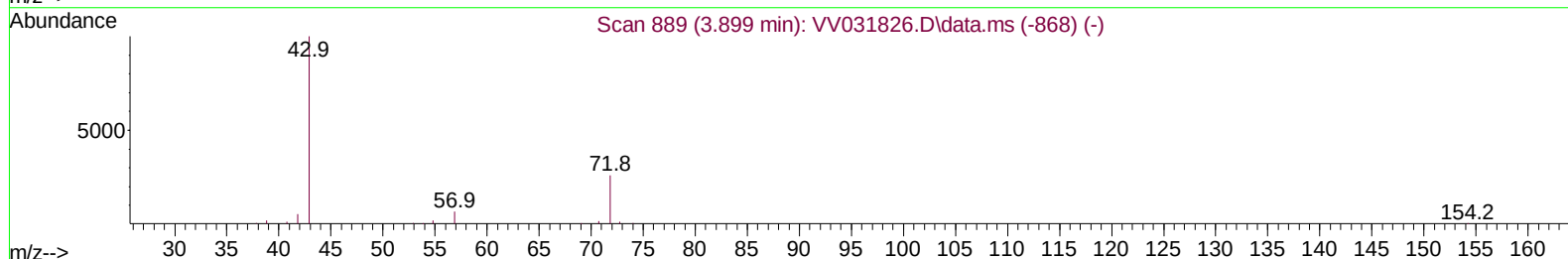
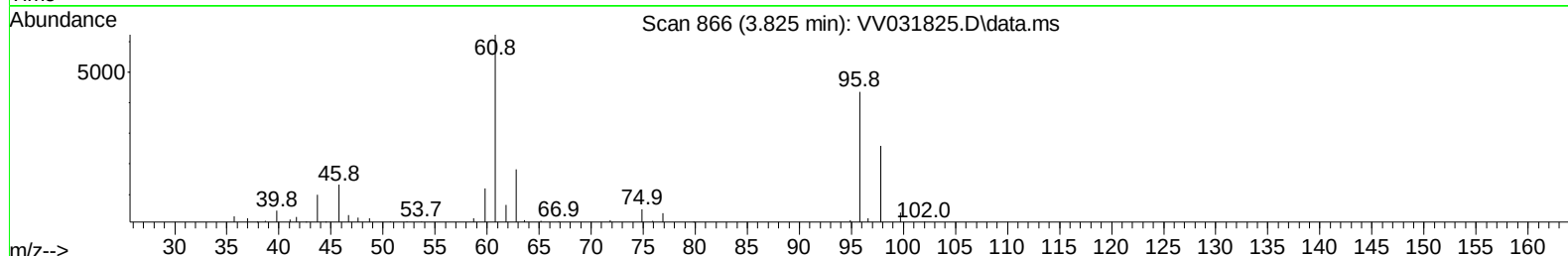
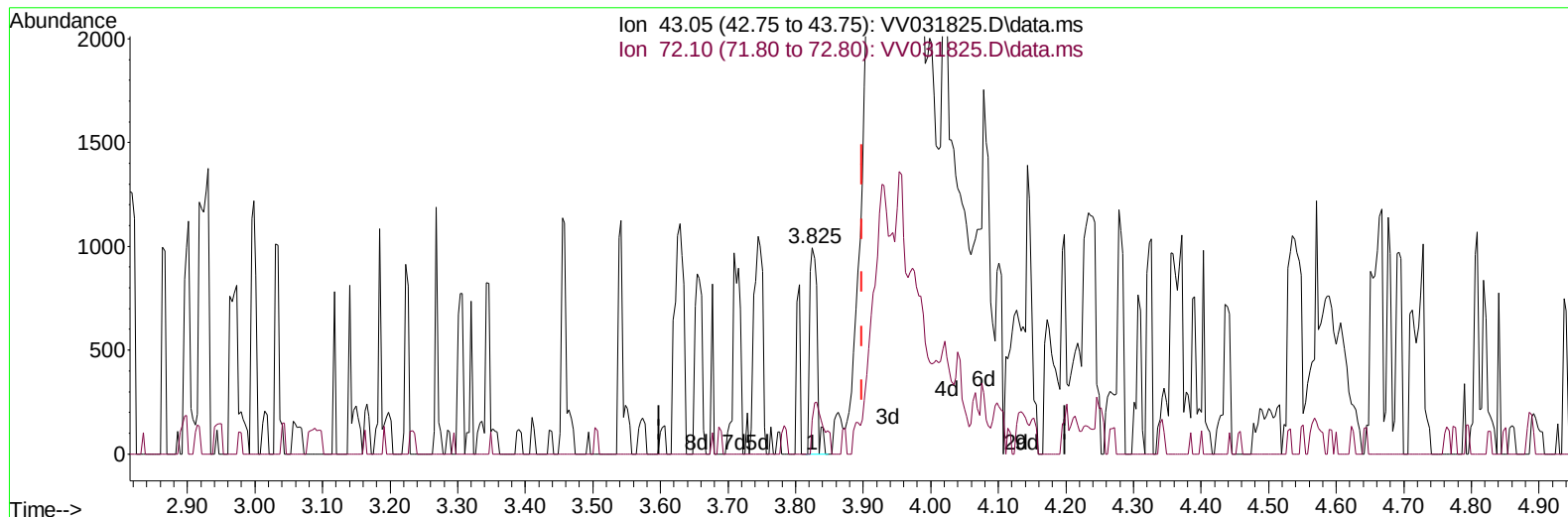
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 Data File : VV031825.D
 Acq On : 17 Aug 2023 11:58
 Operator : SY/MD
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TIC: VV031825.D\data.ms

(21) 2-Butanone (T)

3.825min (-0.074) 0.22 ug/L

response 750

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.90	37.87
0.00	0.00	0.00
0.00	0.00	0.00

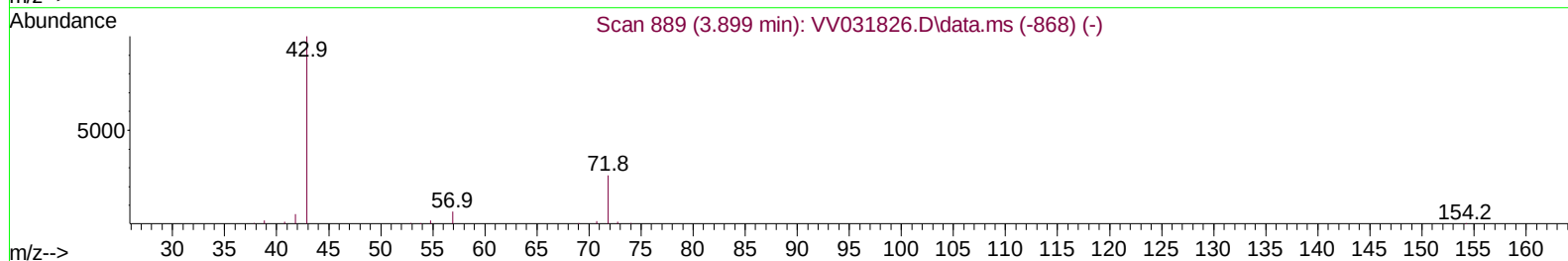
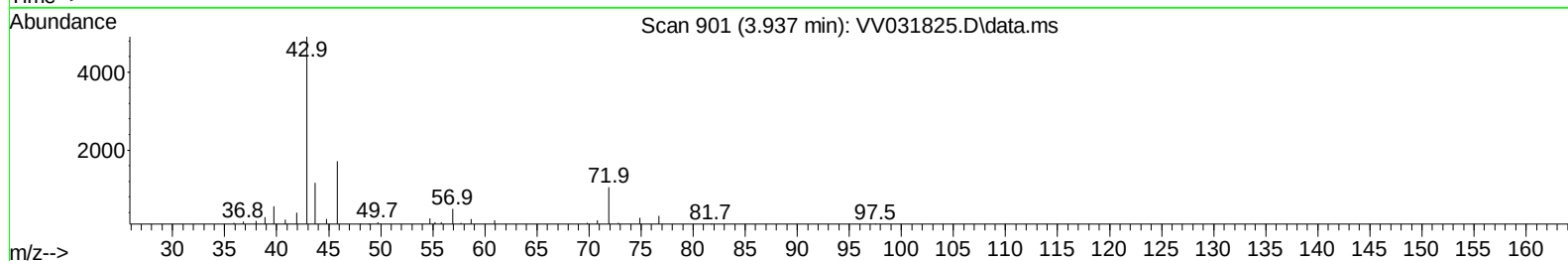
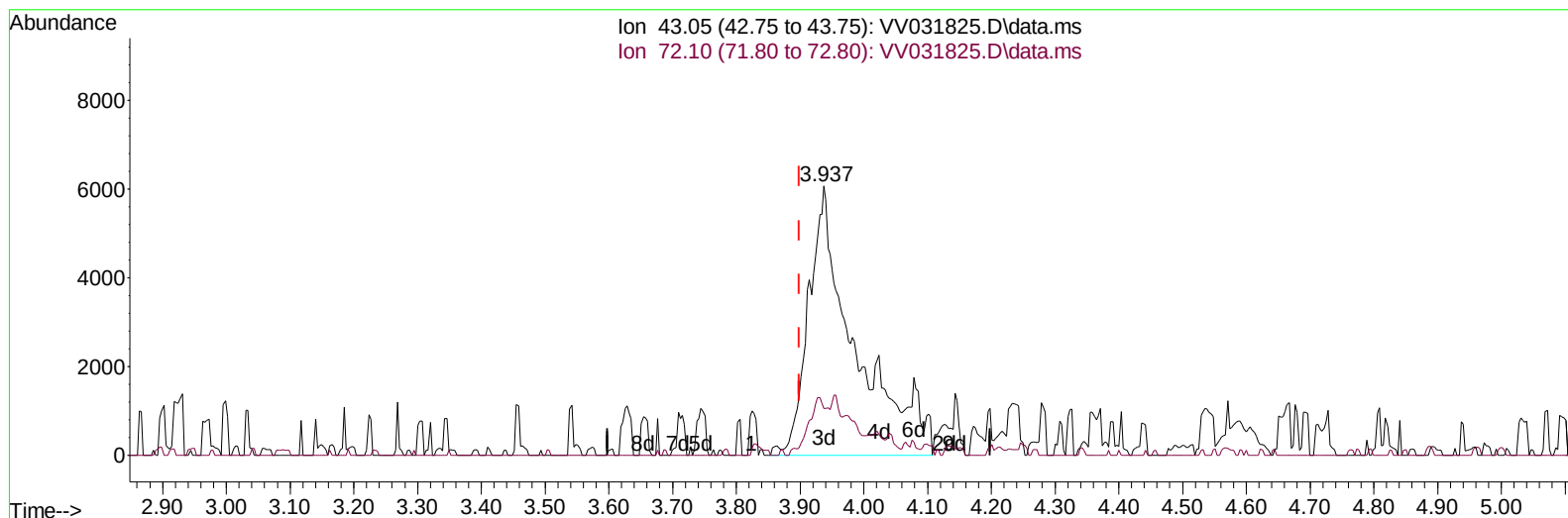
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031825.D
 Acq On : 17 Aug 2023 11:58
 Operator : SY/MD
 Sample : VSTD00167
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001267

Manual IntegrationsAPPROVED

Quant Time: Aug 18 01:57:13 2023
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 QLast Update : Fri Aug 18 01:55:56 2023
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Reviewed By :Mahesh Dadoda 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



TIC: VV031825.D\data.ms

(21) 2-Butanone (T)

3.937min (+ 0.039) 9.04 ug/L m

response 30496

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.90	0.93#
0.00	0.00	0.00
0.00	0.00	0.00

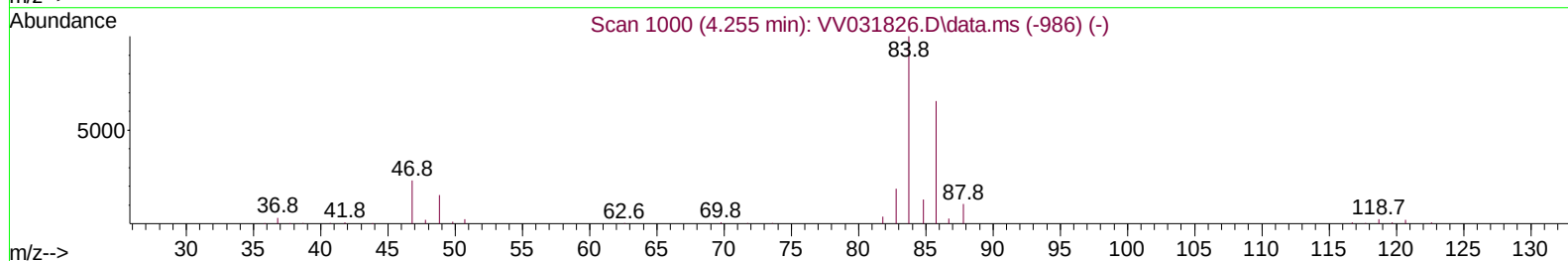
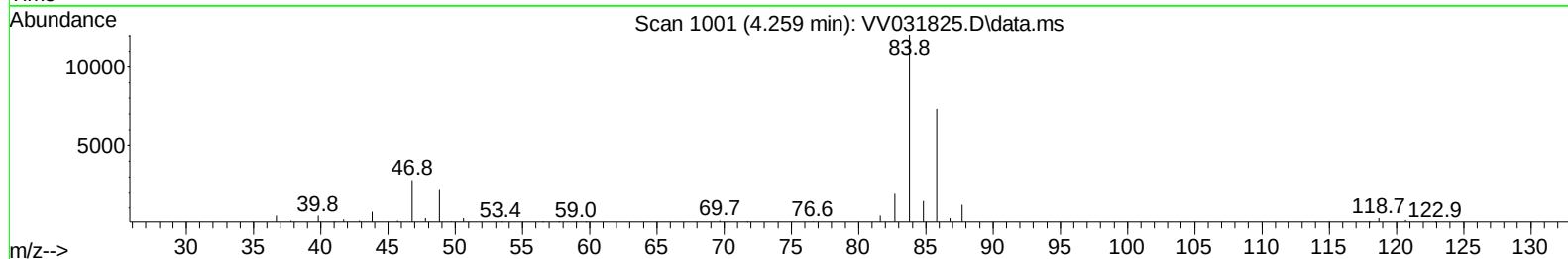
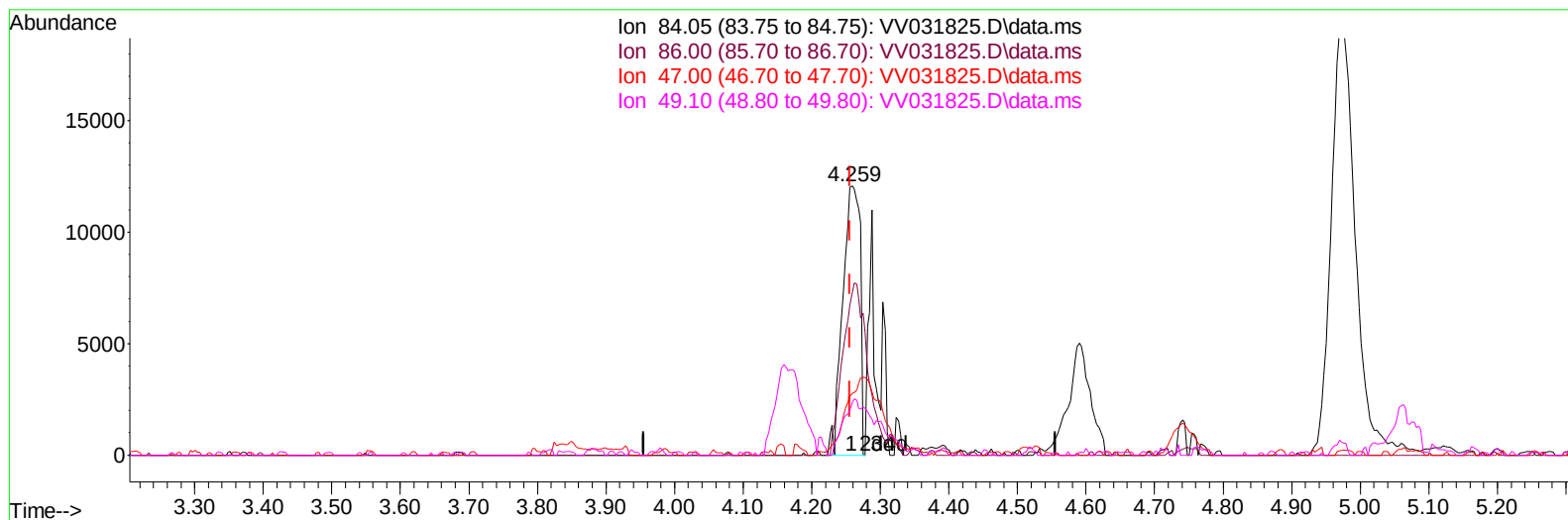
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
Data File : VV031825.D
Acq On : 17 Aug 2023 11:58
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 01:57:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



TIC: VV031825.D\data.ms

(24) Chloroform-d (S)

4.259min (+ 0.003) 0.63 ug/L

response 21426

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	64.00	90.29#
47.00	34.40	0.00#
49.10	18.20	19.97

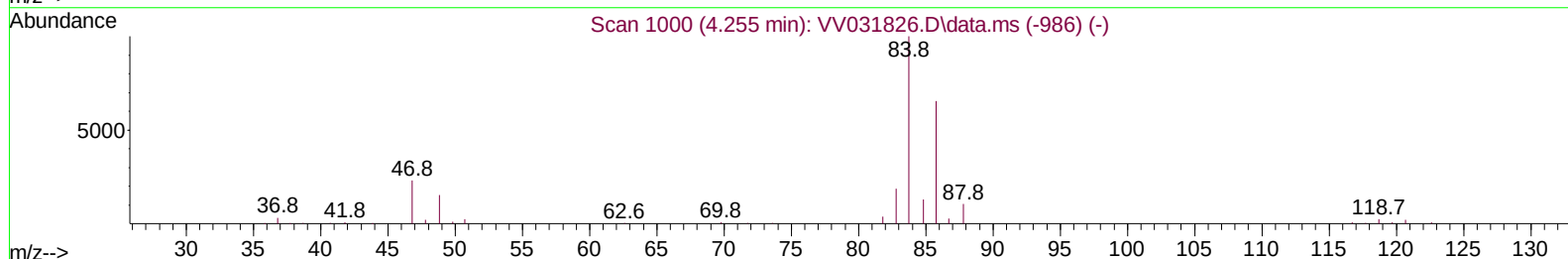
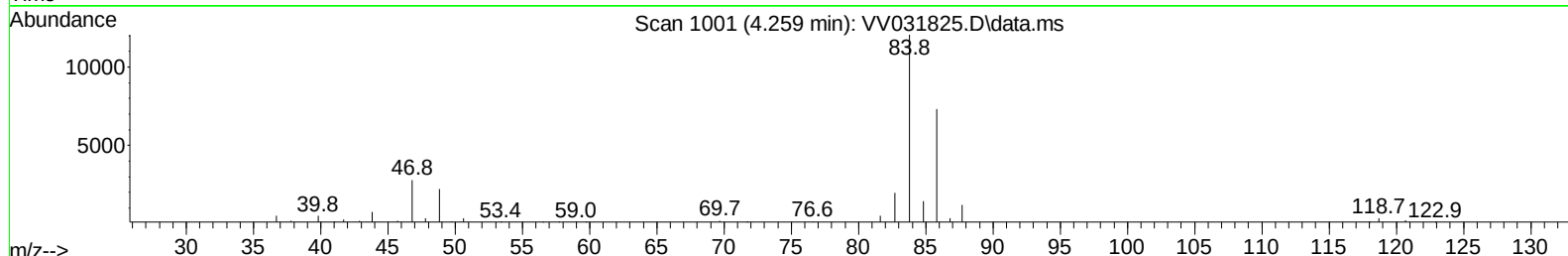
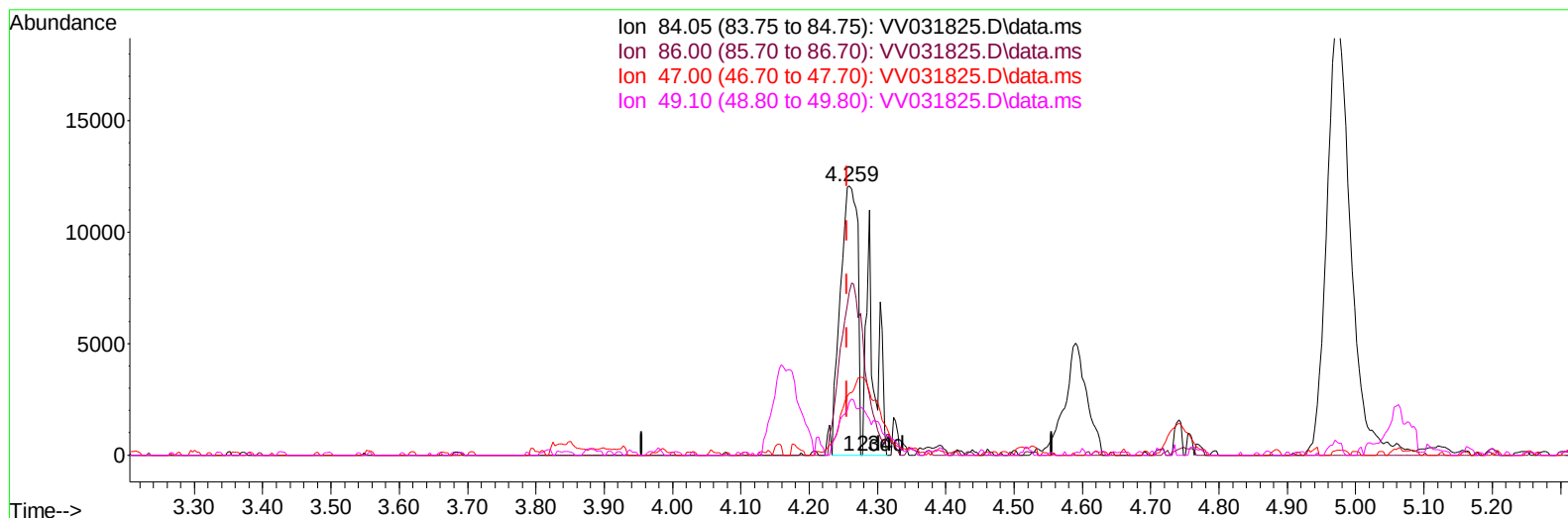
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Data File : VV031825.D
Acq On : 17 Aug 2023 11:58
Operator : SY/MD
Sample : VSTD00167
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 08/18/2023
Supervised By :Semsettin Yesilyurt 08/18/2023

Quant Time: Aug 18 01:57:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 18 01:55:56 2023
Response via : Initial Calibration



TIC: VV031825.D\data.ms

(24) Chloroform-d (S)

4.259min (+ 0.003) 0.88 ug/L m

response 30169

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	64.00	64.13
47.00	34.40	0.00#
49.10	18.20	14.18

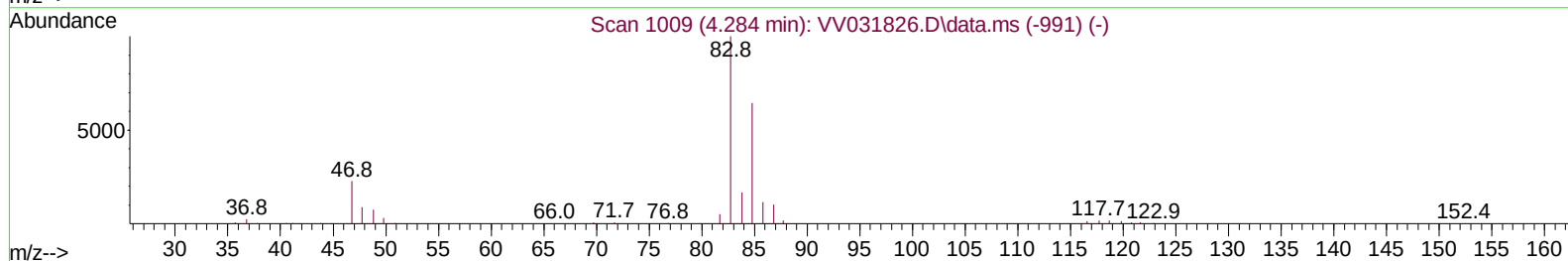
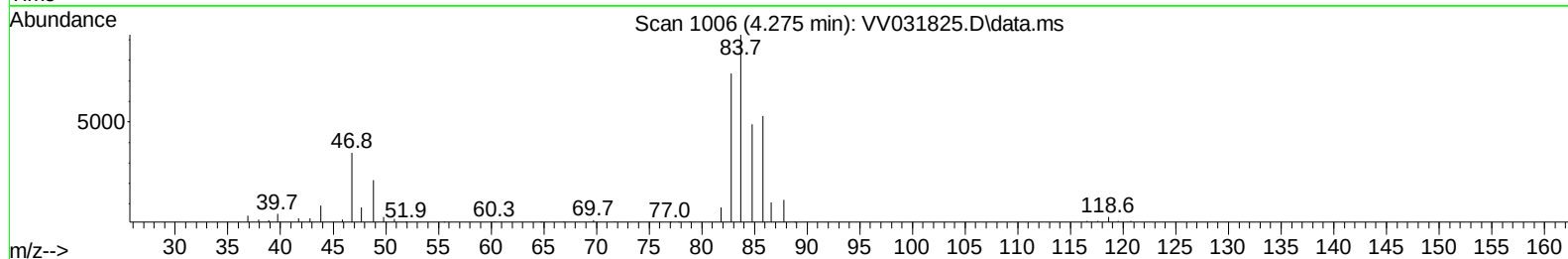
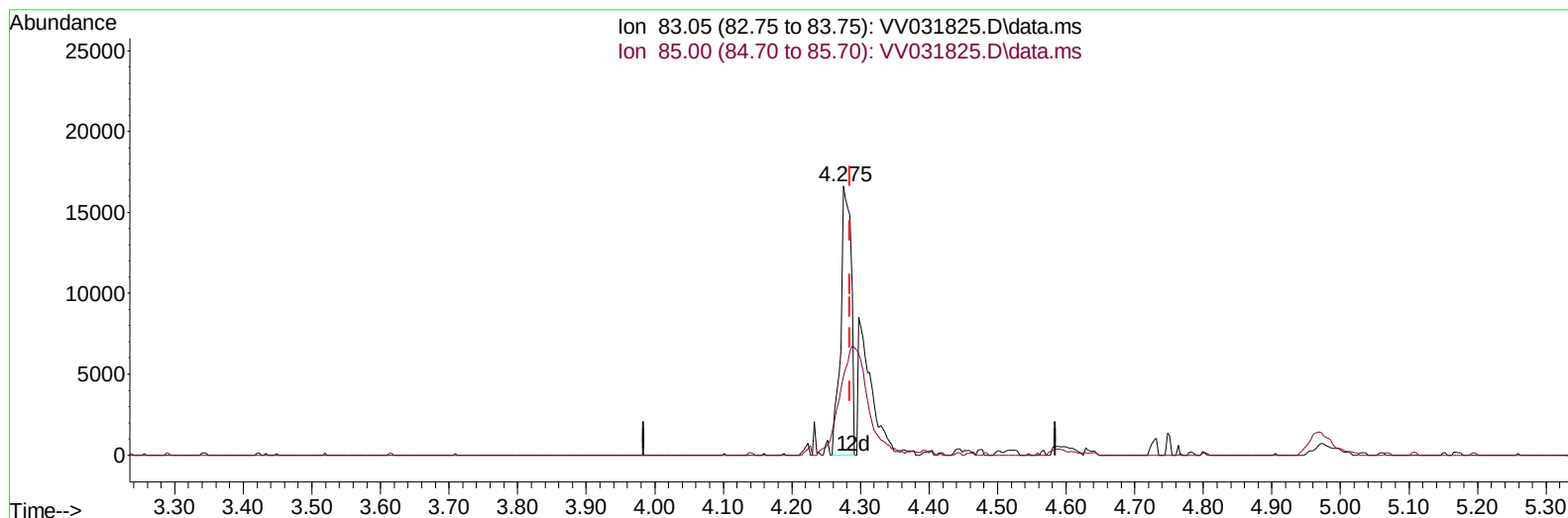
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV031825.D\data.ms

(25) Chloroform (T)

4.275min (-0.010) 0.66 ug/L

response 17469

Ion	Exp%	Act%
83.05	100.00	100.00
85.00	64.80	29.29#
0.00	0.00	0.00
0.00	0.00	0.00

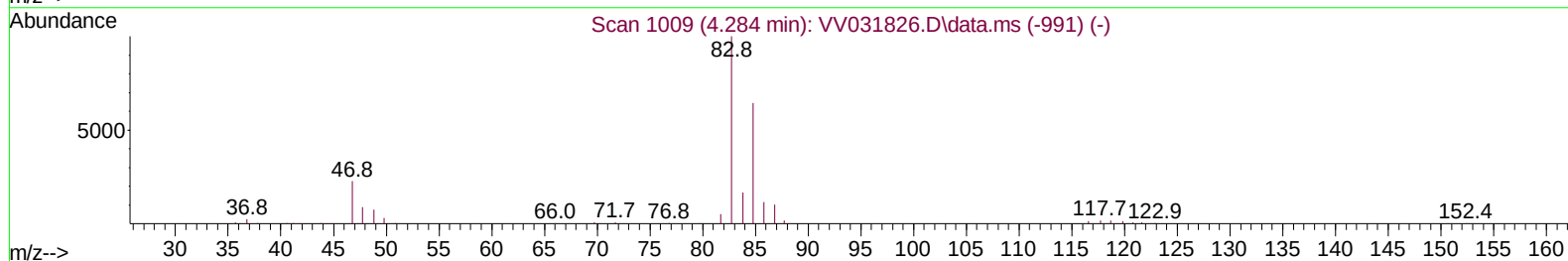
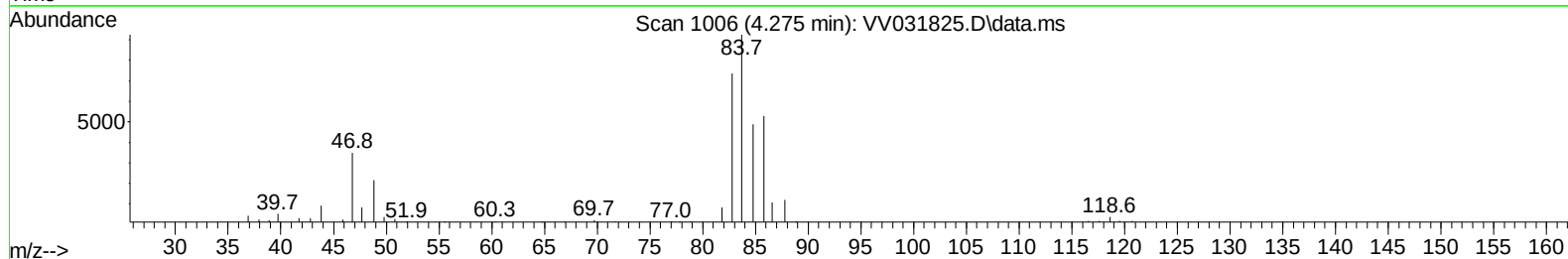
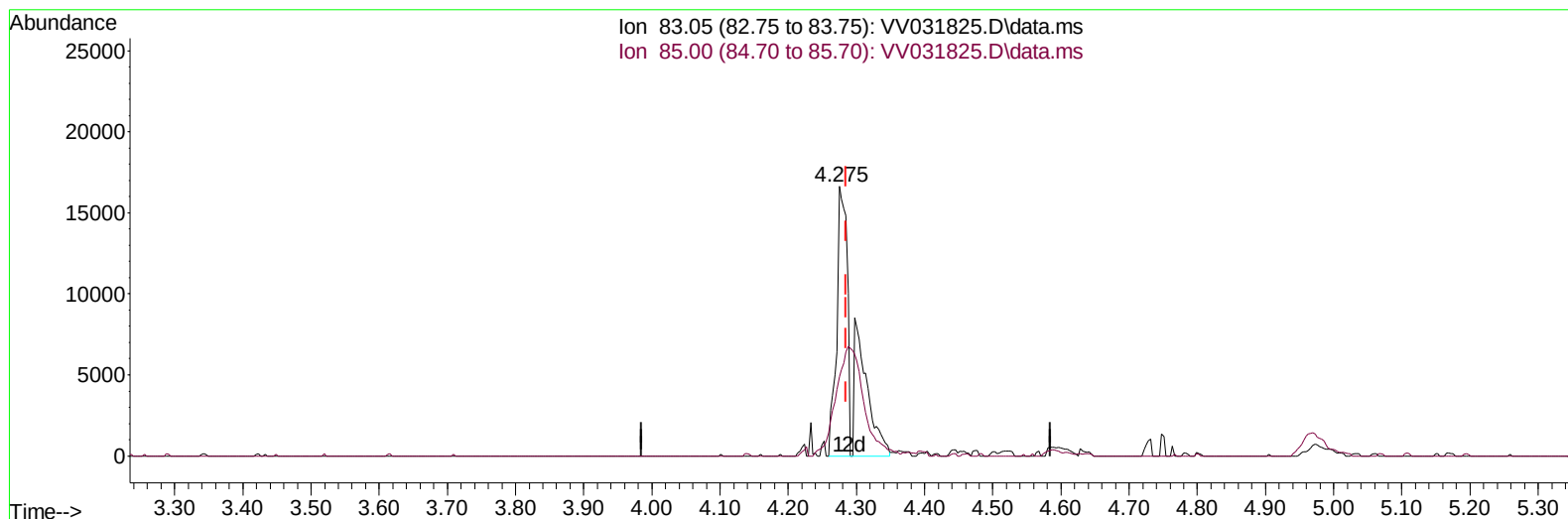
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 Data File : VV031825.D
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 Operator : SY/MD
 Sample : VSTD00167
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

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TIC: VV031825.D\data.ms

(25) Chloroform (T)

4.275min (-0.010) 1.09 ug/L m

response 28817

Ion	Exp%	Act%
83.05	100.00	100.00
85.00	64.80	52.63
0.00	0.00	0.00
0.00	0.00	0.00

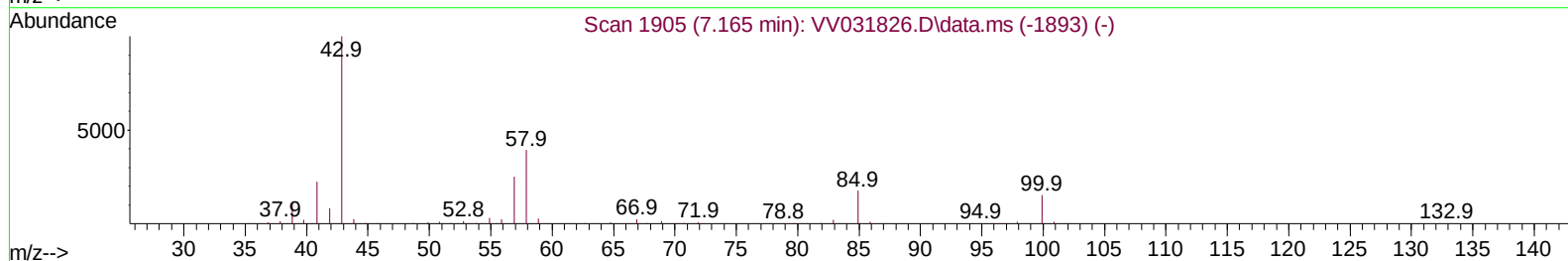
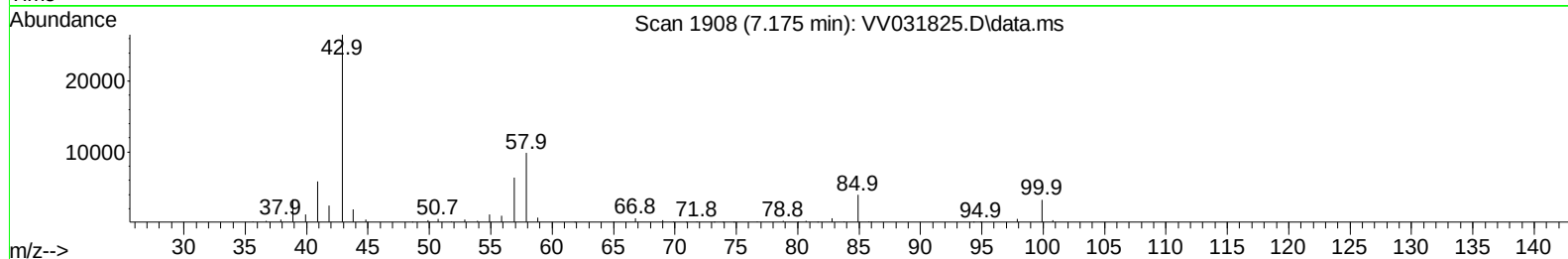
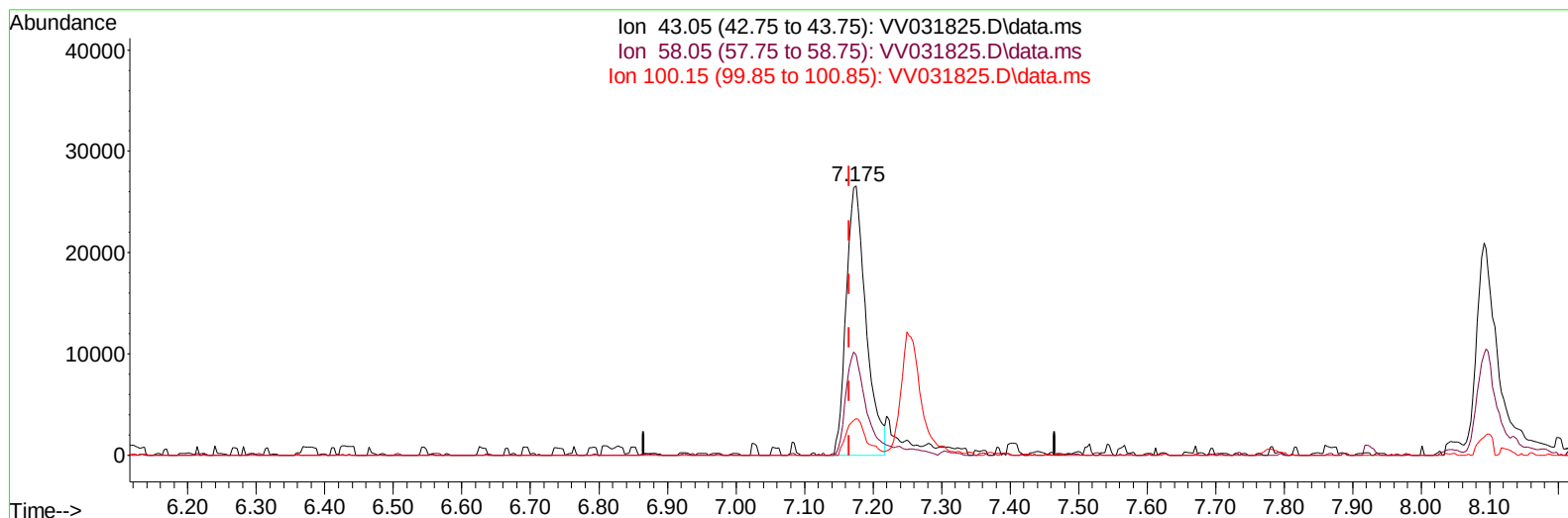
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TIC: VV031825.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.175min (+ 0.010) 6.96 ug/L

response 53196

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	39.30	39.25
100.15	14.00	13.37
0.00	0.00	0.00

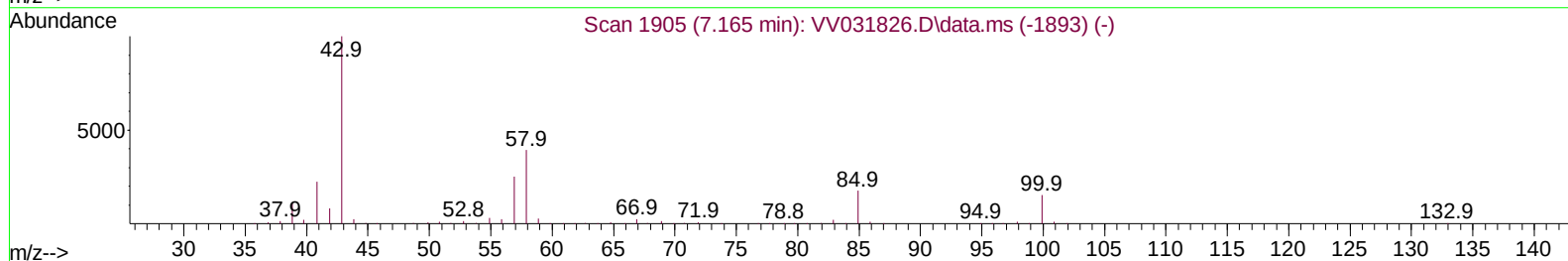
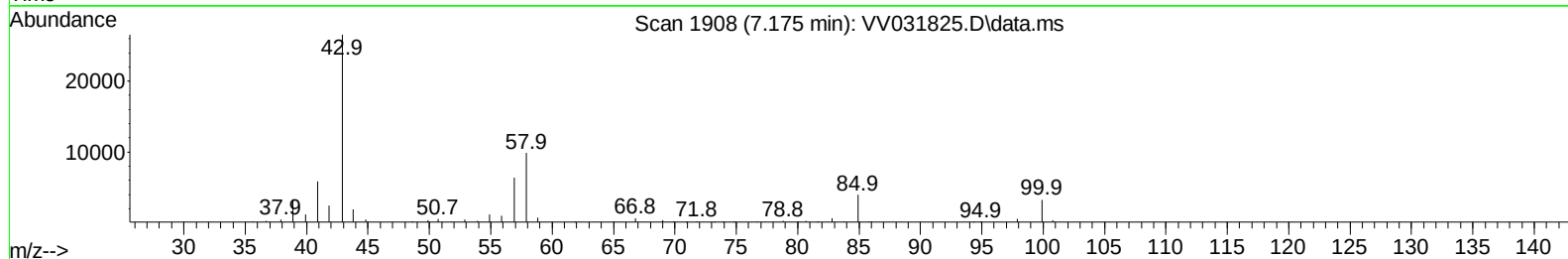
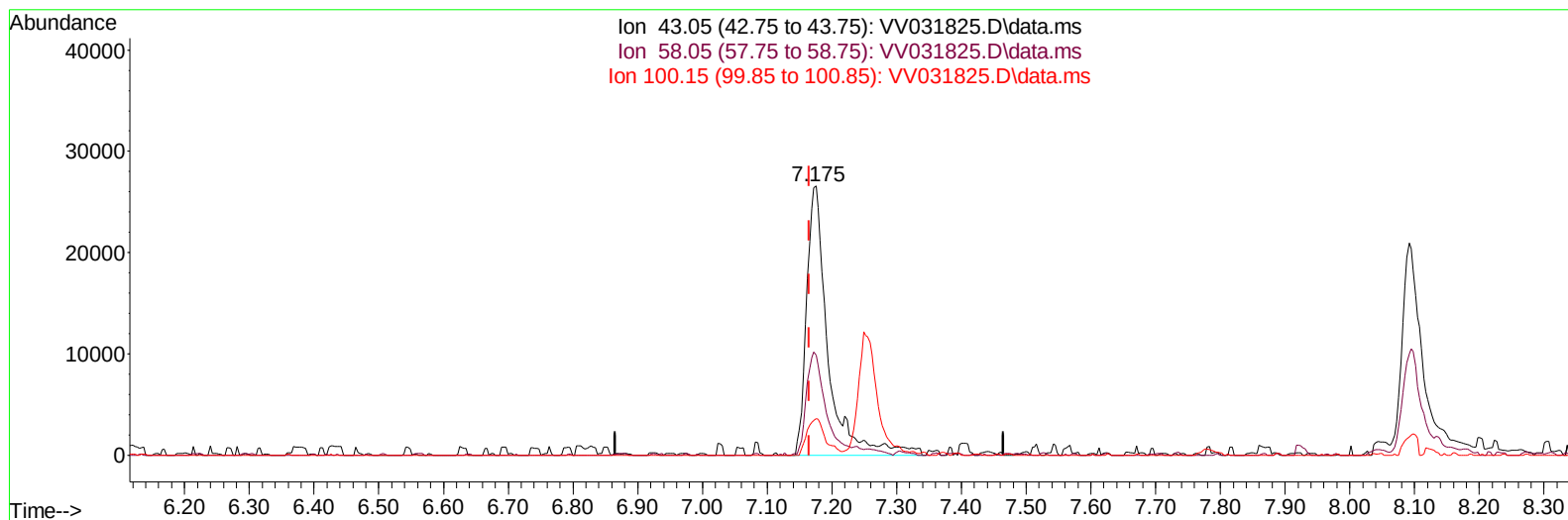
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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TIC: VV031825.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.175min (+ 0.010) 8.04 ug/L m

response 61417

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	39.30	33.99
100.15	14.00	11.58
0.00	0.00	0.00

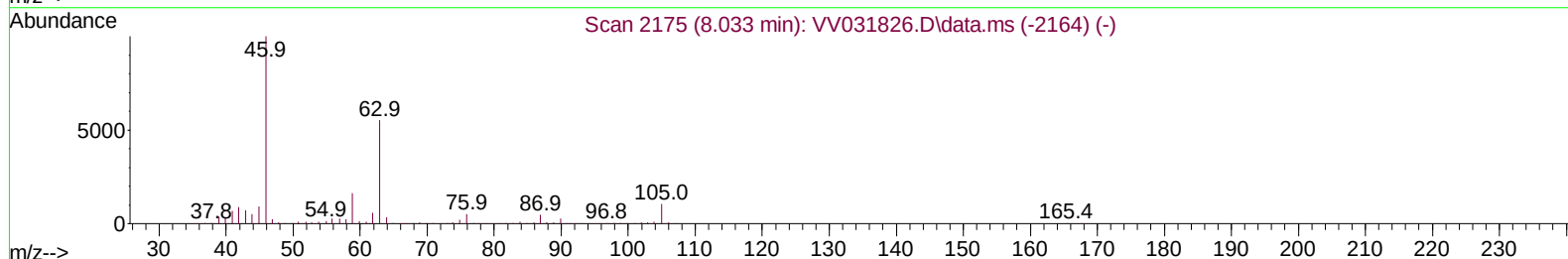
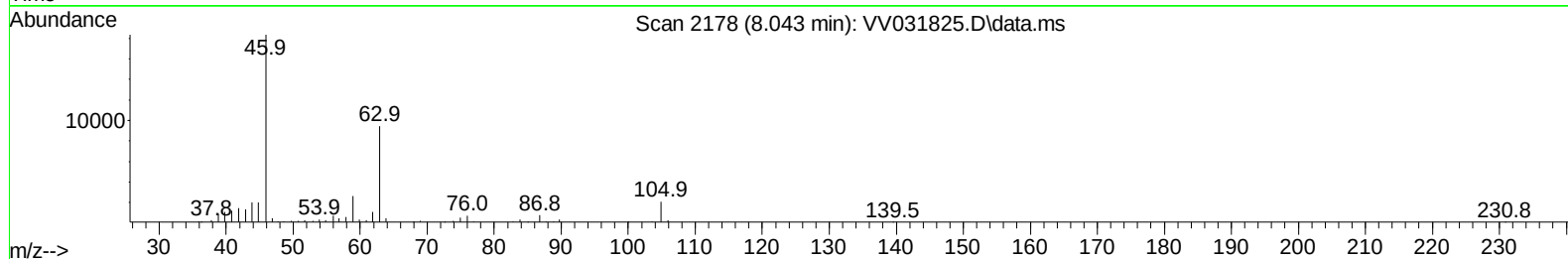
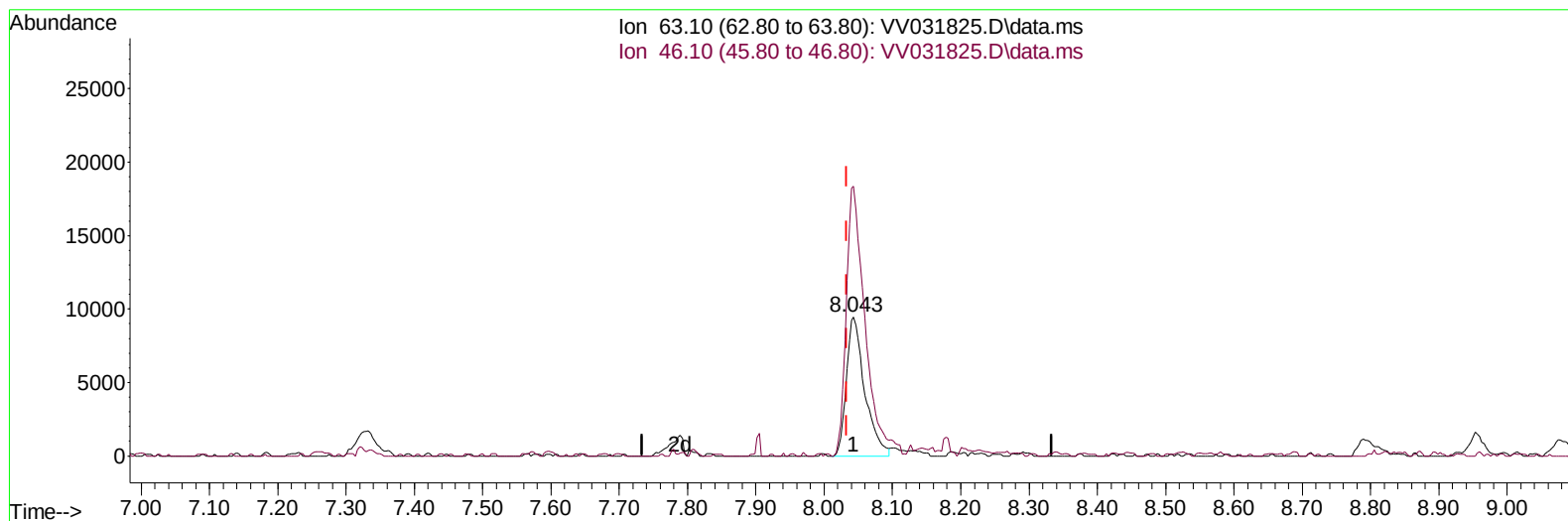
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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TIC: VV031825.D\data.ms

(46) 2-Hexanone-d5 (S)

8.043min (+ 0.010) 5.81 ug/L

response 17723

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	186.10	200.93
0.00	0.00	0.00
0.00	0.00	0.00

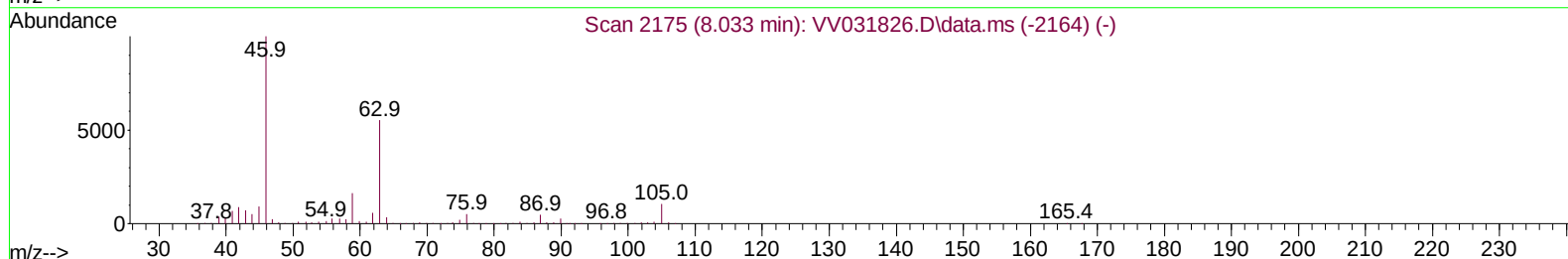
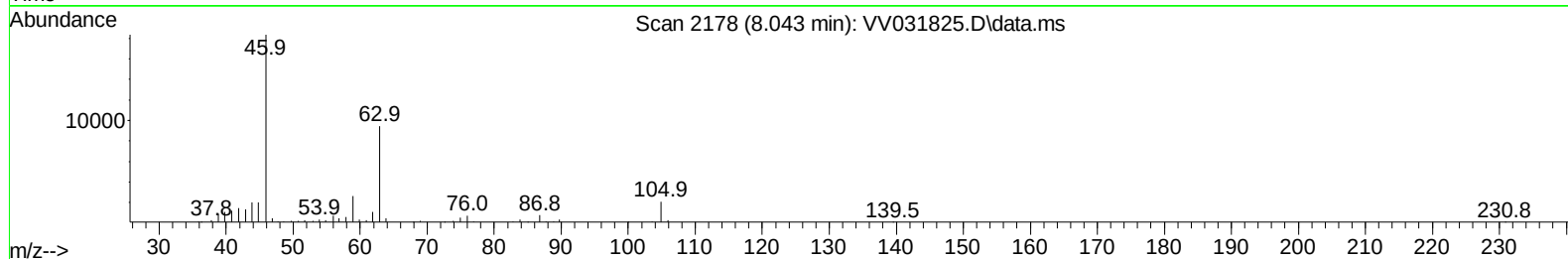
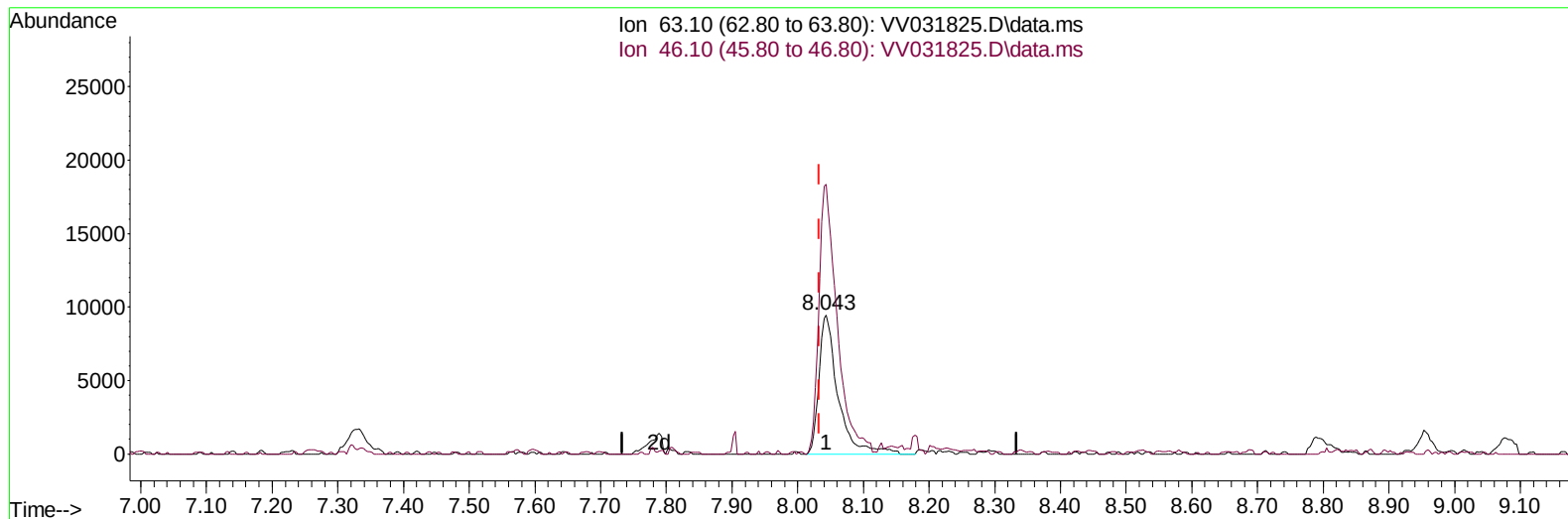
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031825.D
 Acq On : 17 Aug 2023 11:58
 Operator : SY/MD
 Sample : VSTD00167
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001267

Manual IntegrationsAPPROVED

Quant Time: Aug 18 01:57:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 01:55:56 2023
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 08/18/2023
 Supervised By :Semsettin Yesilyurt 08/18/2023



TIC: VV031825.D\data.ms

(46) 2-Hexanone-d5 (S)

8.043min (+ 0.010) 6.21 ug/L m

response 18935

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	186.10	188.07
0.00	0.00	0.00
0.00	0.00	0.00

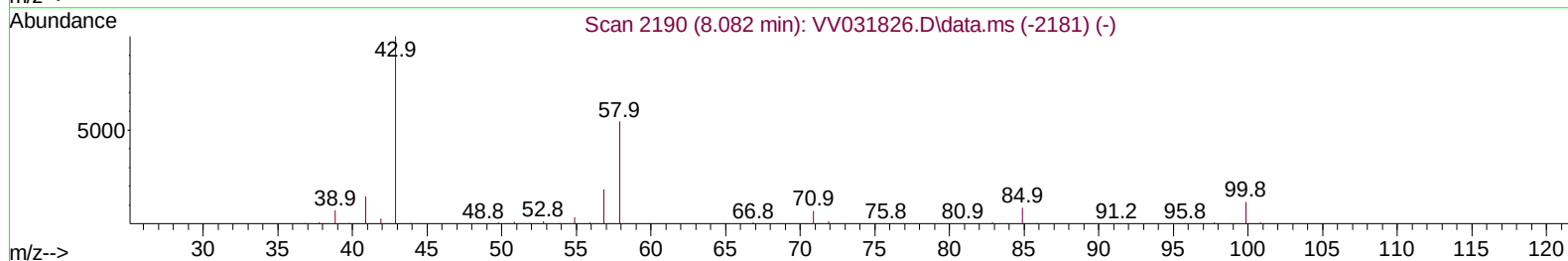
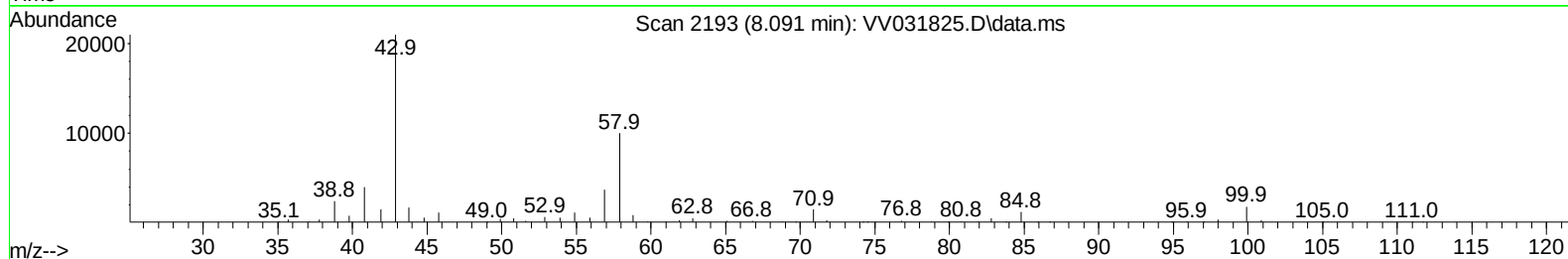
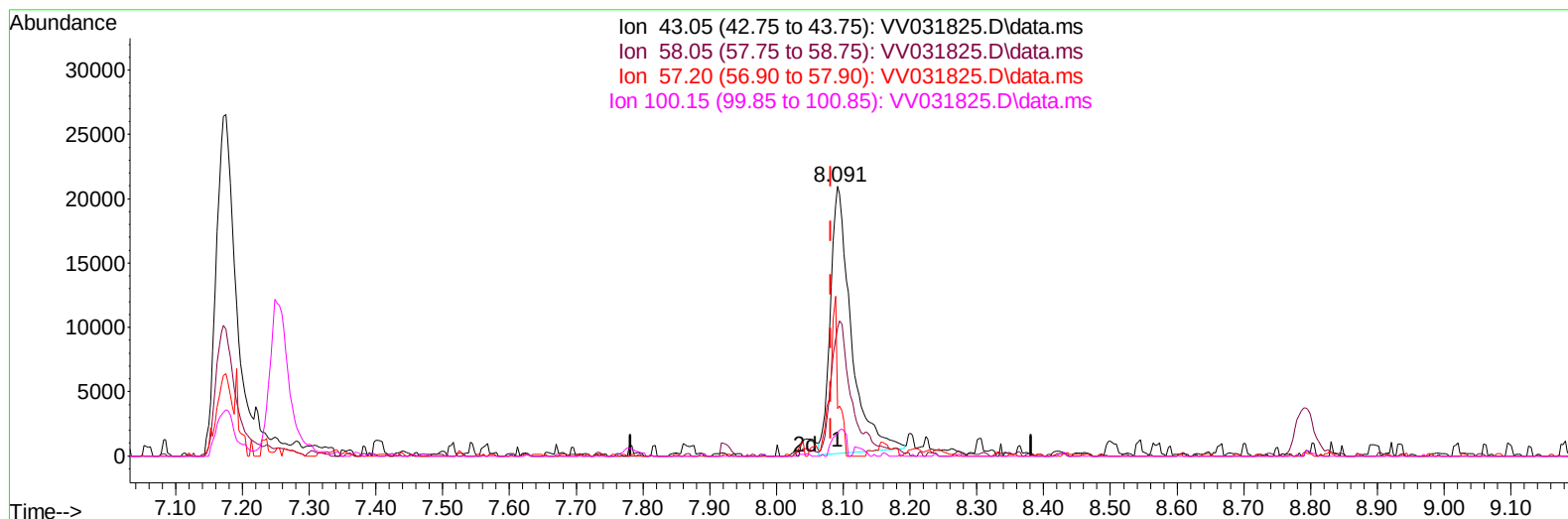
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031825.D
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TIC: VV031825.D\data.ms

(48) 2-Hexanone (T)

8.091min (+ 0.010) 7.96 ug/L

response 44807

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	55.50	47.59
57.20	18.80	23.51#
100.15	11.60	6.26#

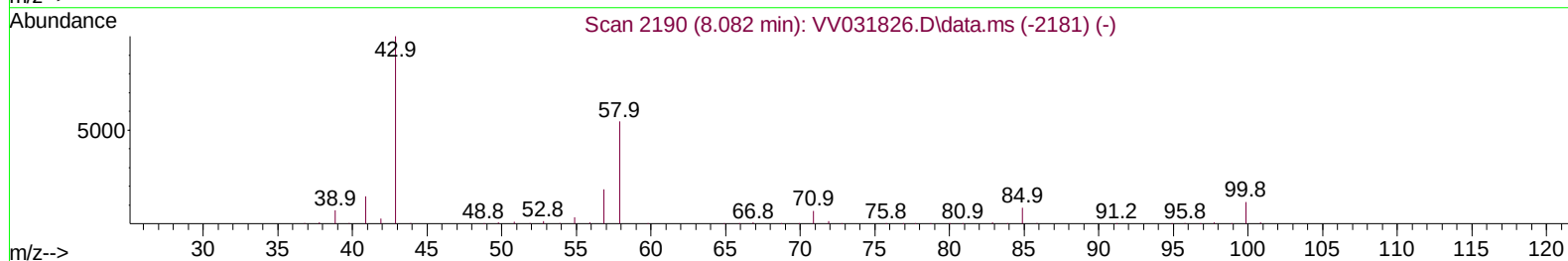
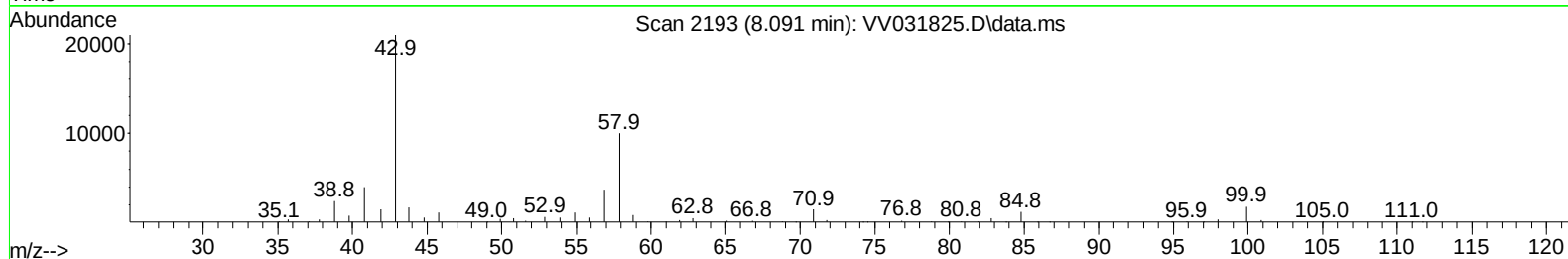
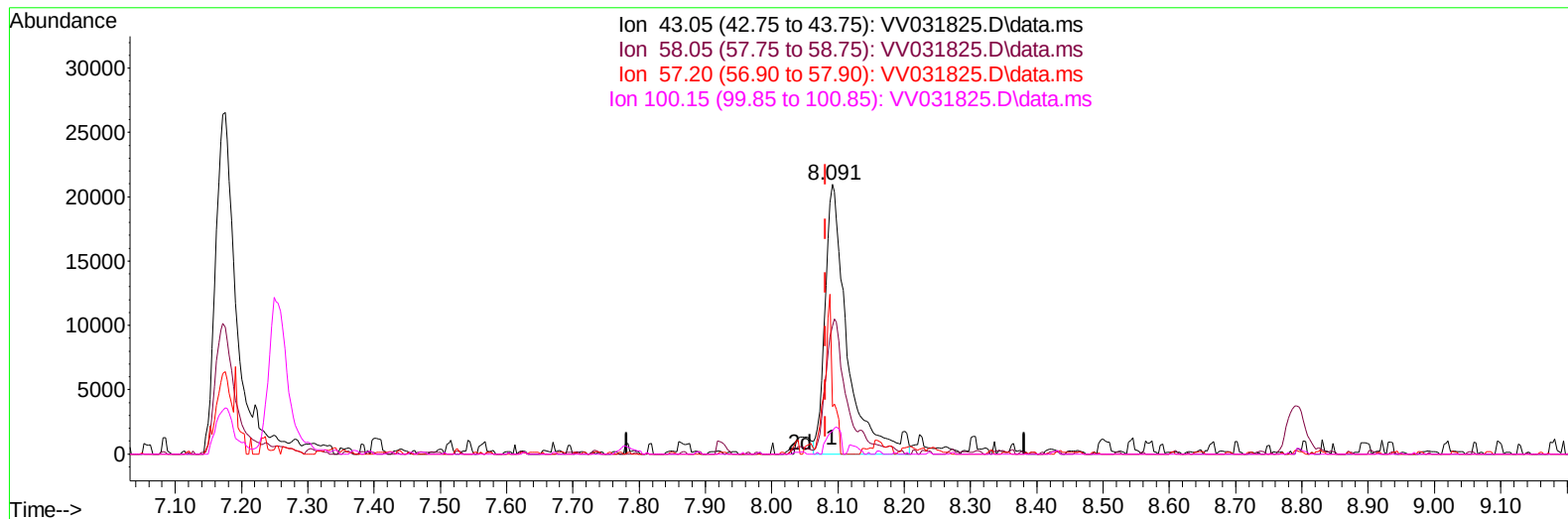
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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TIC: VV031825.D\data.ms

(48) 2-Hexanone (T)

8.091min (+ 0.010) 8.63 ug/L m

response 48568

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	55.50	43.91#
57.20	18.80	21.69
100.15	11.60	5.77#

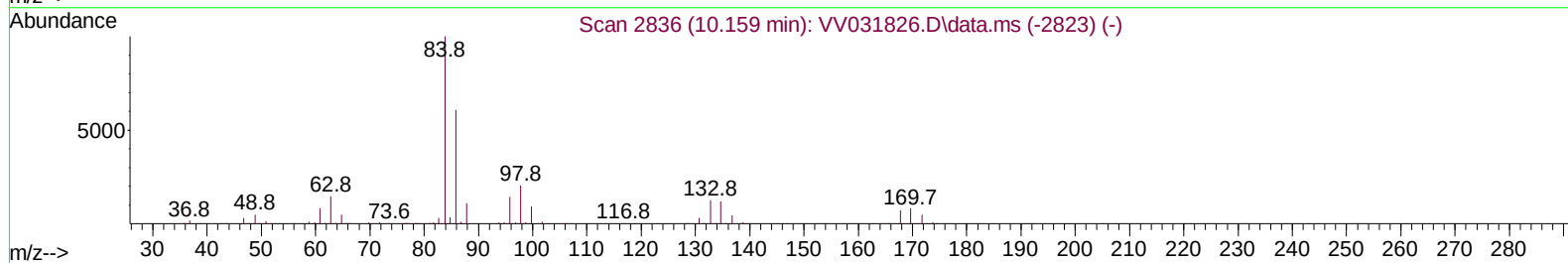
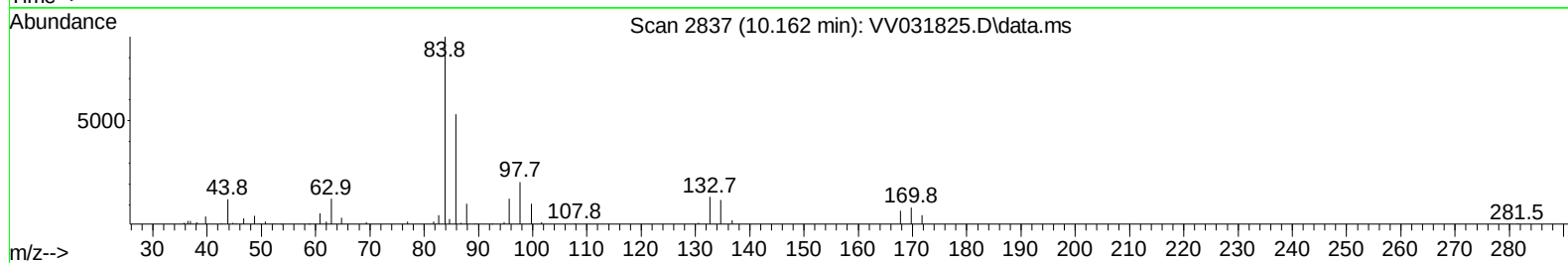
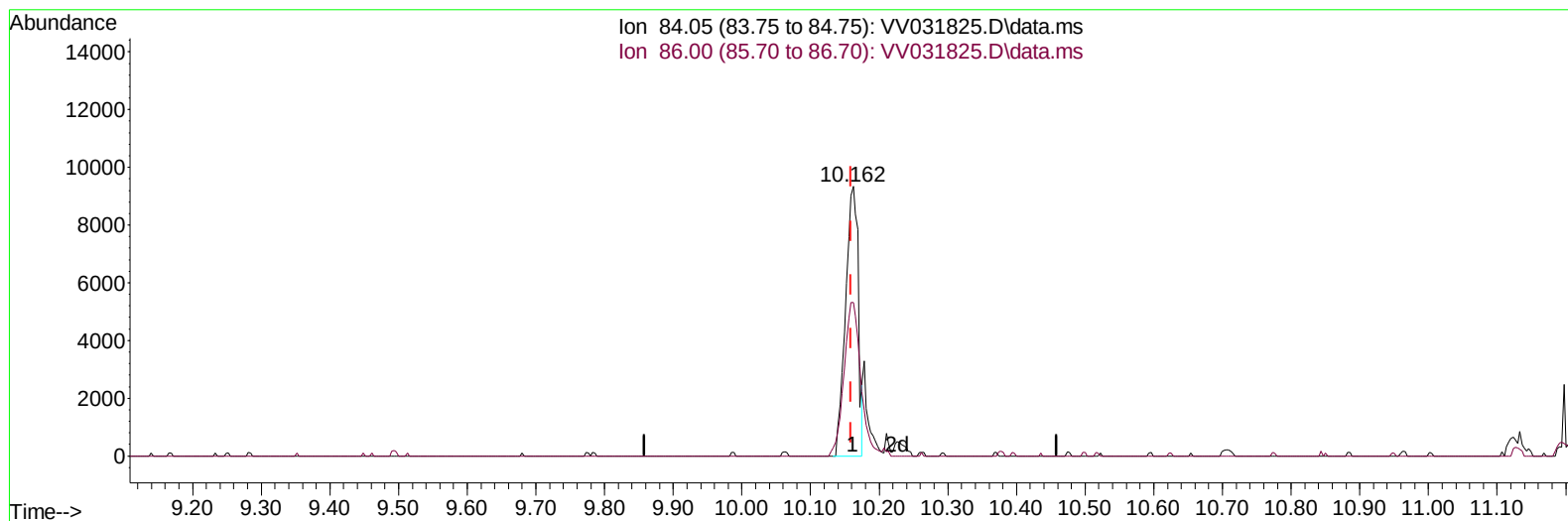
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Instrument :
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ClientSampleId :
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TIC: VV031825.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)**10.162min (+ 0.003) 0.77 ug/L****response 11995**

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	63.70	75.41
0.00	0.00	0.00
0.00	0.00	0.00

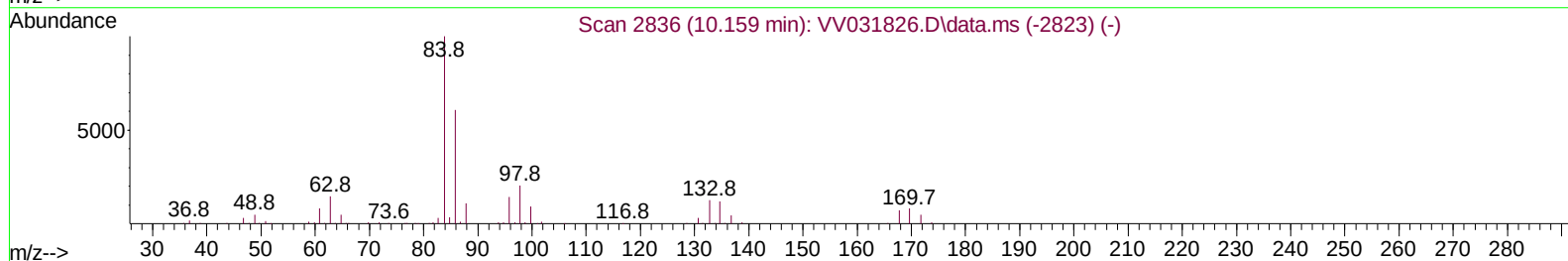
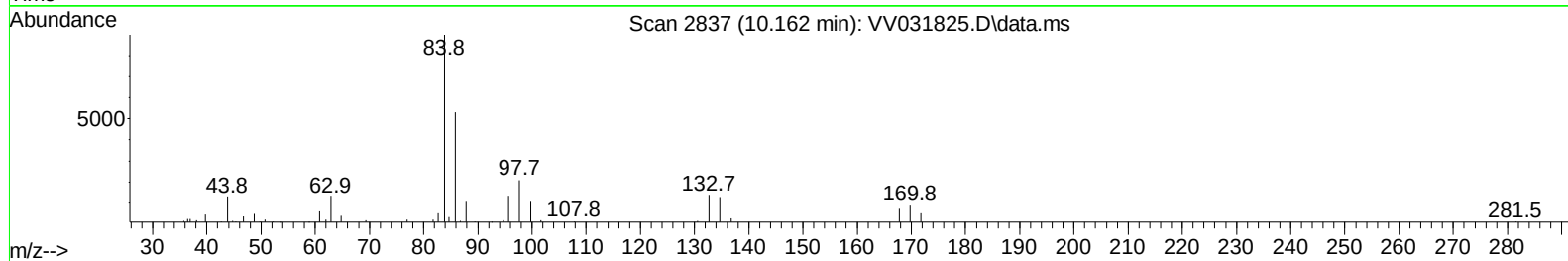
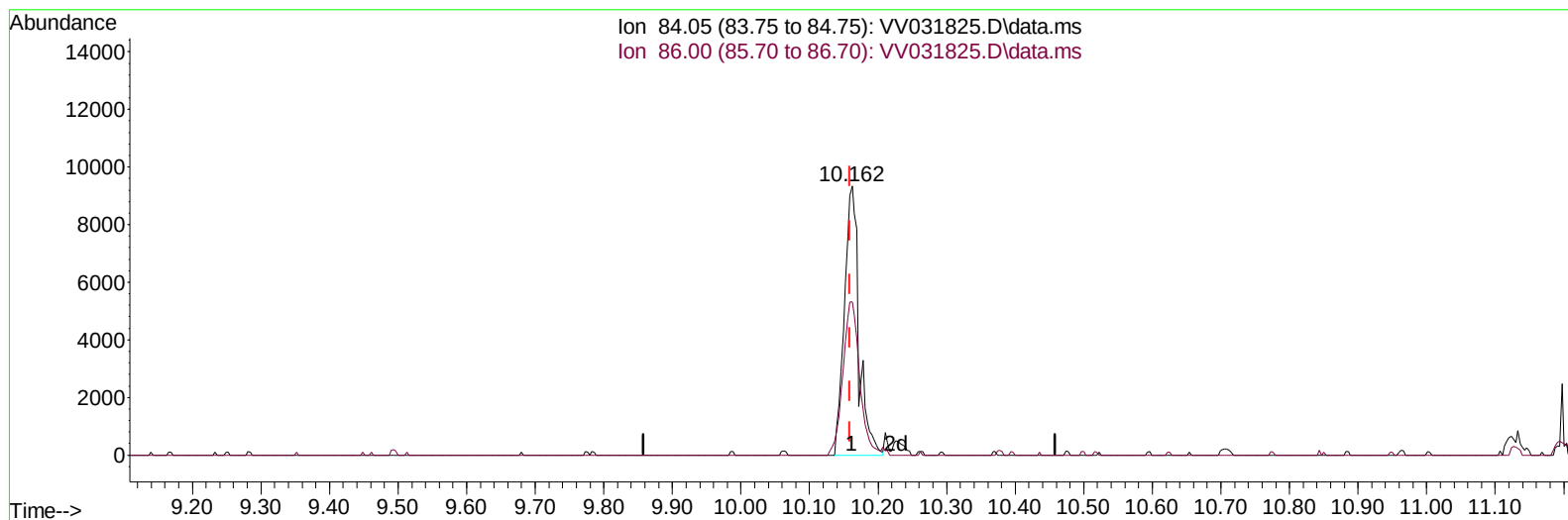
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Manual IntegrationsAPPROVED

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TIC: VV031825.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)**10.162min (+ 0.003) 0.88 ug/L m****response 13718**

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	63.70	65.94
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	184748	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	199169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	96108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	11928	0.790	ug/L	0.00
7) Chloroethane-d5	1.535	69	12268	0.864	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	6359	0.796	ug/L	0.00
20) 2-Butanone-d5	3.857	46	35433m	8.664	ug/L	0.05
24) Chloroform-d	4.259	84	30169m	0.882	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	14793	0.844	ug/L	0.00
32) Benzene-d6	4.973	84	45850	0.808	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	17725	0.858	ug/L	0.00
41) Toluene-d8	7.252	98	37256	0.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	4613	0.708	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	18935m	6.207	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	13718m	0.883	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	15469	0.921	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	17581	0.902	ug/L	97
3) Chloromethane	1.217	50	17744	0.906	ug/L	99
5) Vinyl chloride	1.281	62	18322	0.966	ug/L	98
6) Bromomethane	1.490	94	12084	1.017	ug/L	92
8) Chloroethane	1.552	64	11241	0.996	ug/L	99
9) Trichlorofluoromethane	1.716	101	28411	1.019	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15012	0.979	ug/L	94
12) 1,1-Dichloroethene	2.072	96	14203	1.021	ug/L	83
13) Acetone	2.146	43	25484m	9.728	ug/L	
14) Carbon disulfide	2.243	76	35607	0.833	ug/L	99
15) Methyl Acetate	2.397	43	5690	1.017	ug/L #	77
16) Methylene chloride	2.452	84	18176	0.972	ug/L	98
17) Methyl tert-butyl Ether	2.715	73	25732	0.980	ug/L	95
18) trans-1,2-Dichloroethene	2.699	96	11438	0.928	ug/L	97
19) 1,1-Dichloroethane	3.121	63	26476	0.996	ug/L	98
21) 2-Butanone	3.937	43	30496m	9.036	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	10804	0.880	ug/L	93
23) Bromochloromethane	4.156	128	5703	0.923	ug/L	92
25) Chloroform	4.275	83	28817m	1.091	ug/L	
27) 1,2-Dichloroethane	5.056	62	16979	1.026	ug/L #	92
29) 1,1,1-Trichloroethane	4.522	97	23306	0.978	ug/L	94
30) Cyclohexane	4.590	56	14285	0.842	ug/L #	79
31) Carbon tetrachloride	4.744	117	19398	0.909	ug/L	93
33) Benzene	5.021	78	43293	0.855	ug/L	100
34) Trichloroethene	5.847	95	12763	0.889	ug/L	87
35) Methylcyclohexane	6.063	83	12252	0.700	ug/L	91
37) 1,2-Dichloropropane	6.104	63	14151	0.980	ug/L #	88
38) Bromodichloromethane	6.445	83	18117	0.953	ug/L	96
39) cis-1,3-Dichloropropene	6.969	75	14211	0.798	ug/L	99
40) 4-Methyl-2-pentanone	7.175	43	61417m	8.039	ug/L	
42) Toluene	7.326	91	40476	0.840	ug/L	92

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Manual IntegrationsAPPROVED

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 Supervised By :Semsettin Yesilyurt 08/18/2023

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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.600	75	12144	0.767	ug/L	92
45) 1,1,2-Trichloroethane	7.776	97	10328	0.959	ug/L	95
47) Tetrachloroethene	7.915	164	8916	0.889	ug/L	92
48) 2-Hexanone	8.091	43	48568m	8.626	ug/L	
49) Dibromochloromethane	8.185	129	10732	0.920	ug/L	99
50) 1,2-Dibromoethane	8.294	107	8915	0.881	ug/L #	98
51) Chlorobenzene	8.821	112	30122	0.932	ug/L	94
52) Ethylbenzene	8.956	91	37063	0.759	ug/L	99
53) m,p-Xylene	9.082	106	13138	0.742	ug/L	97
54) o-Xylene	9.487	106	14092	0.844	ug/L	84
55) Styrene	9.503	104	19871	0.637	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.185	83	10236	0.903	ug/L	93
59) Bromoform	9.677	173	6229	0.995	ug/L	89
60) Isopropylbenzene	9.873	105	35693	0.849	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	9276	1.111	ug/L	94
62) 1,3,5-Trimethylbenzene	10.484	105	28111	0.829	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	25994	0.768	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	21191	0.922	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	22374	0.927	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	21660	0.992	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.371	75	1622	0.978	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	15573	0.922	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	13785	1.040	ug/L	97
71) Naphthalene	13.448	128	19343	0.918	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	11628	0.951	ug/L	99

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

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