

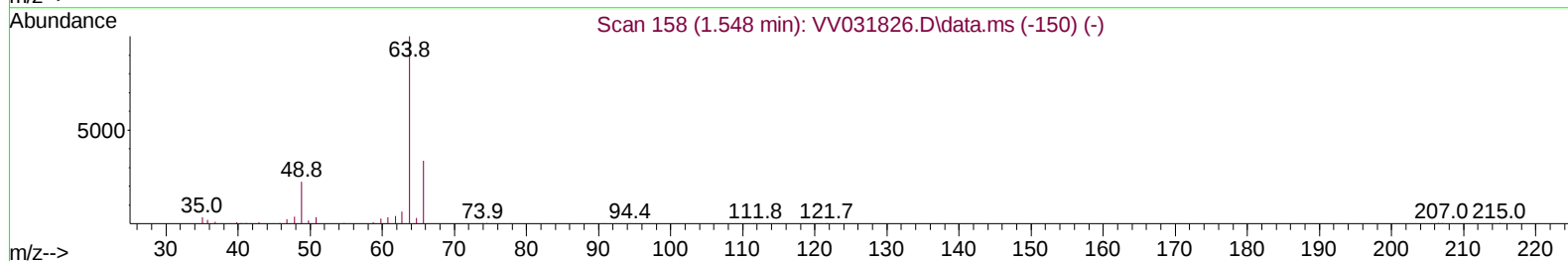
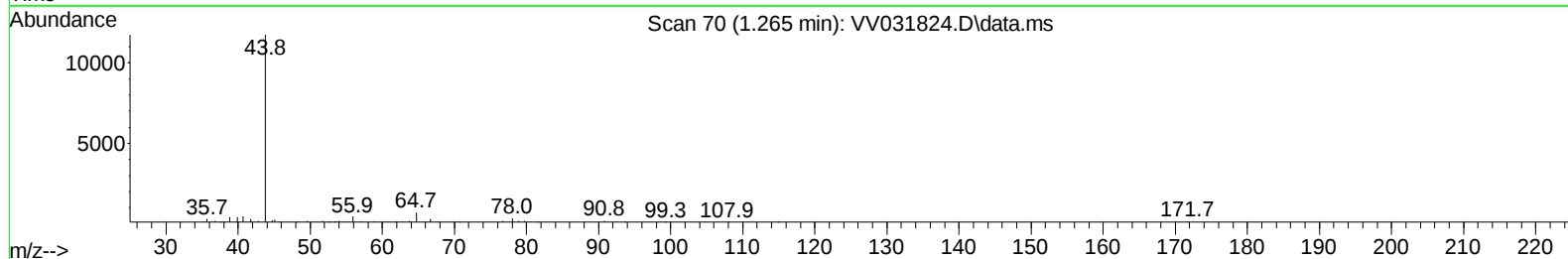
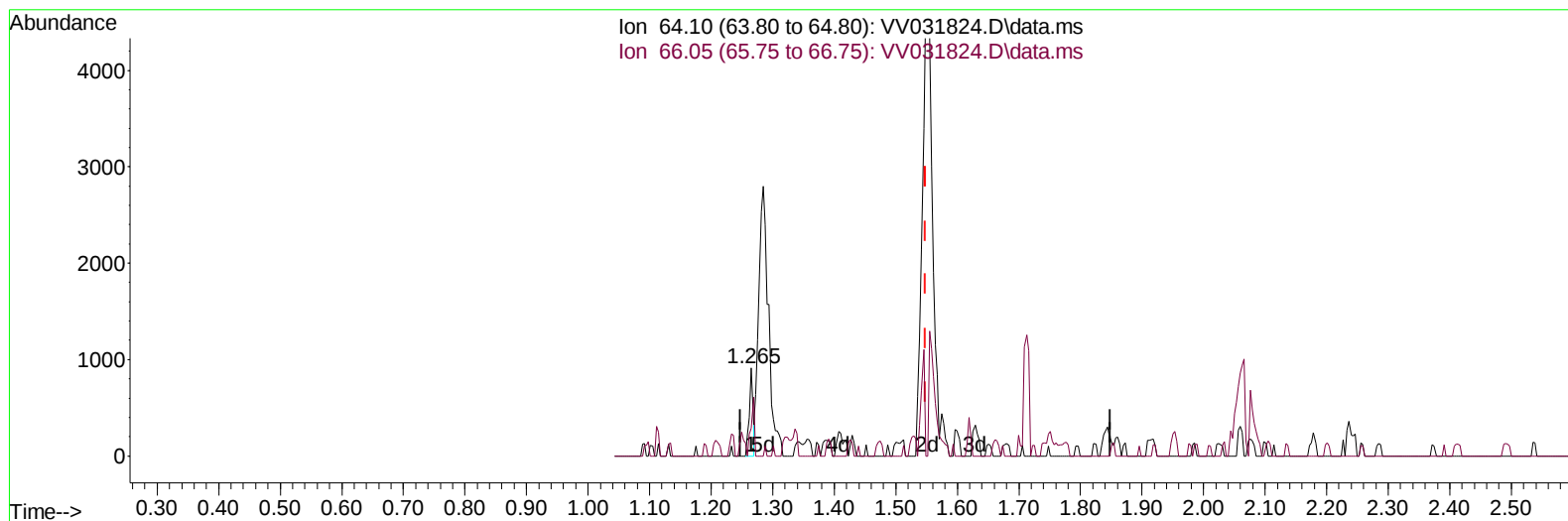
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

Quant Time: Aug 18 01:56:43 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: VV031824.D\data.ms

(8) Chloroethane (T)

1.265min (-0.283) 0.03 ug/L

response 360

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.60	31.00
0.00	0.00	0.00
0.00	0.00	0.00

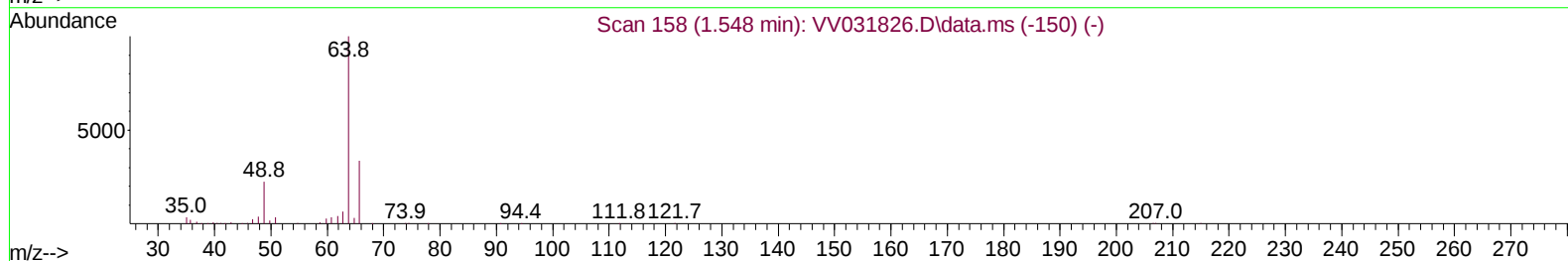
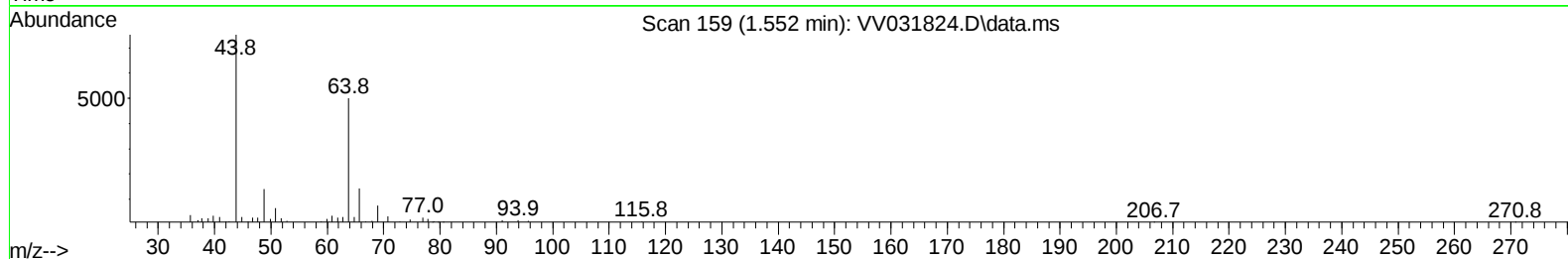
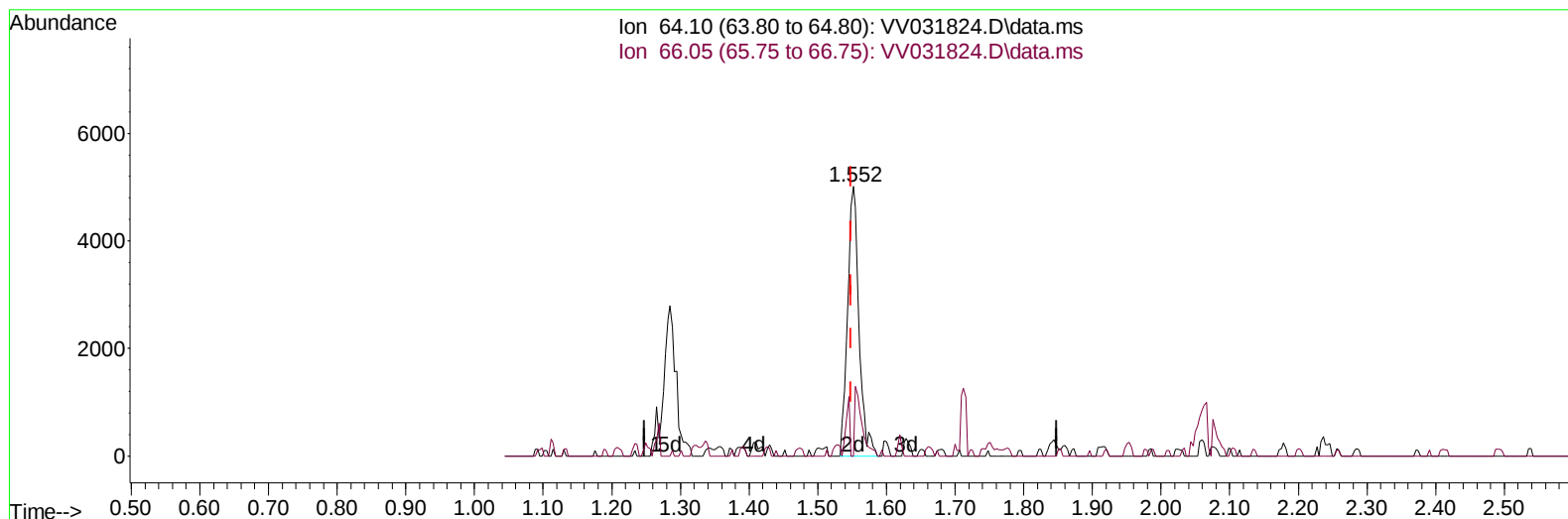
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 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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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: VV031824.D\data.ms

(8) Chloroethane (T)

1.552min (+ 0.003) 0.50 ug/L m

response 5749

Ion	Exp%	Act%
64.10	100.00	100.00
66.05	32.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

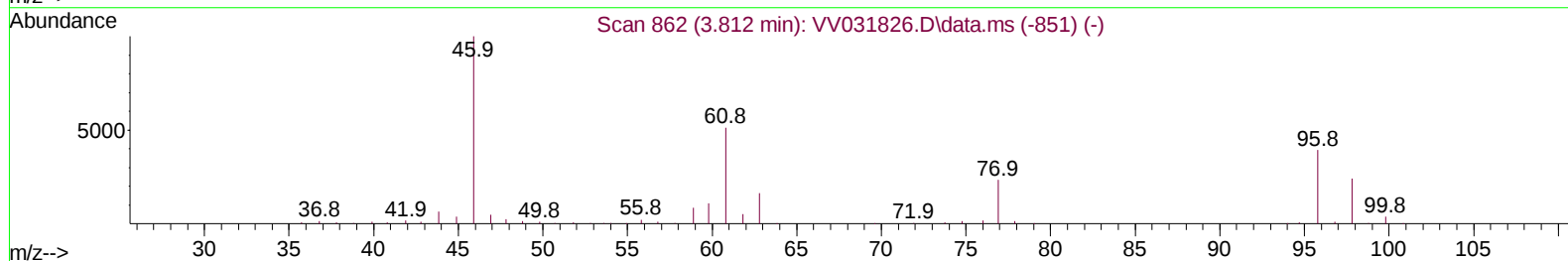
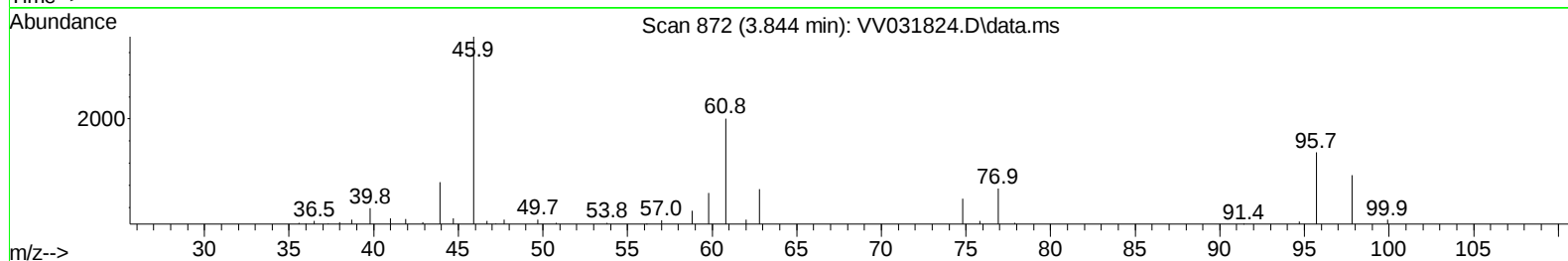
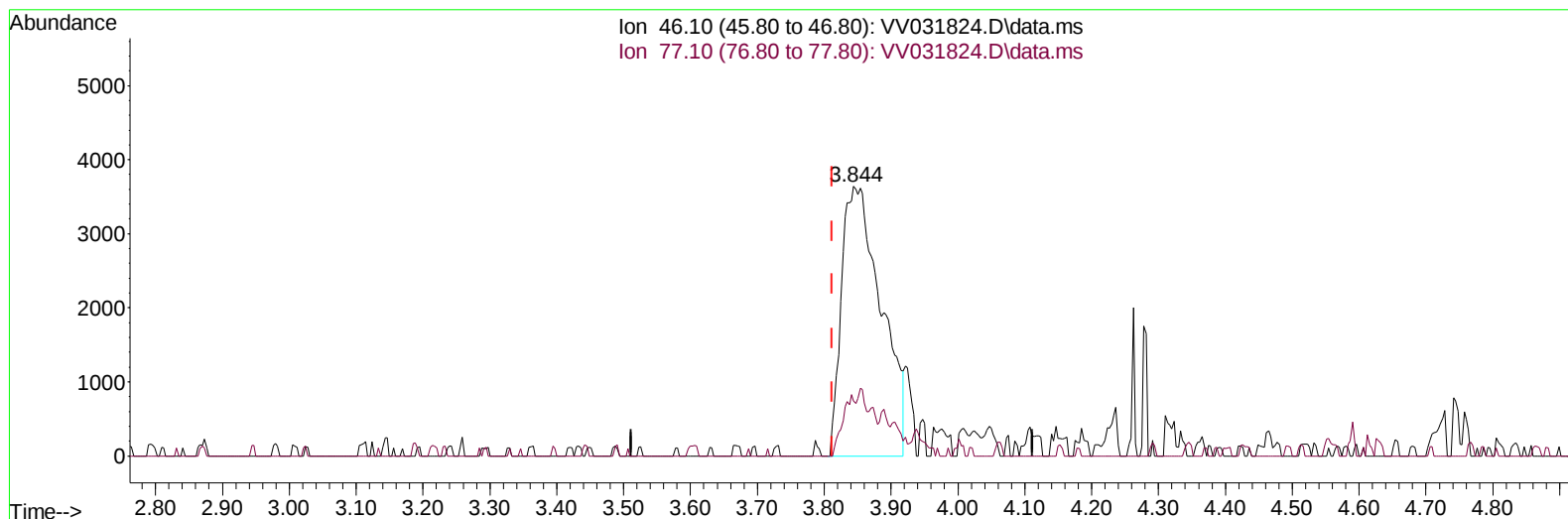
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(20) 2-Butanone-d5 (S)

3.844min (+ 0.032) 3.64 ug/L

response 15008

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.80	7.55#
0.00	0.00	0.00
0.00	0.00	0.00

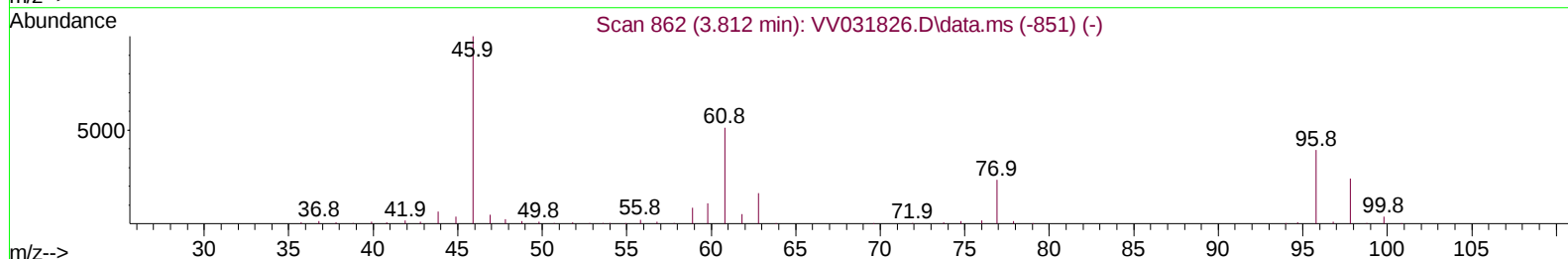
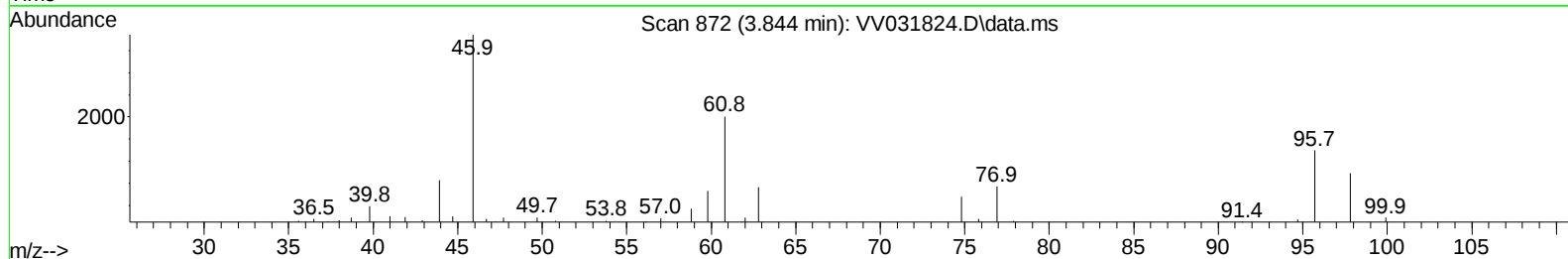
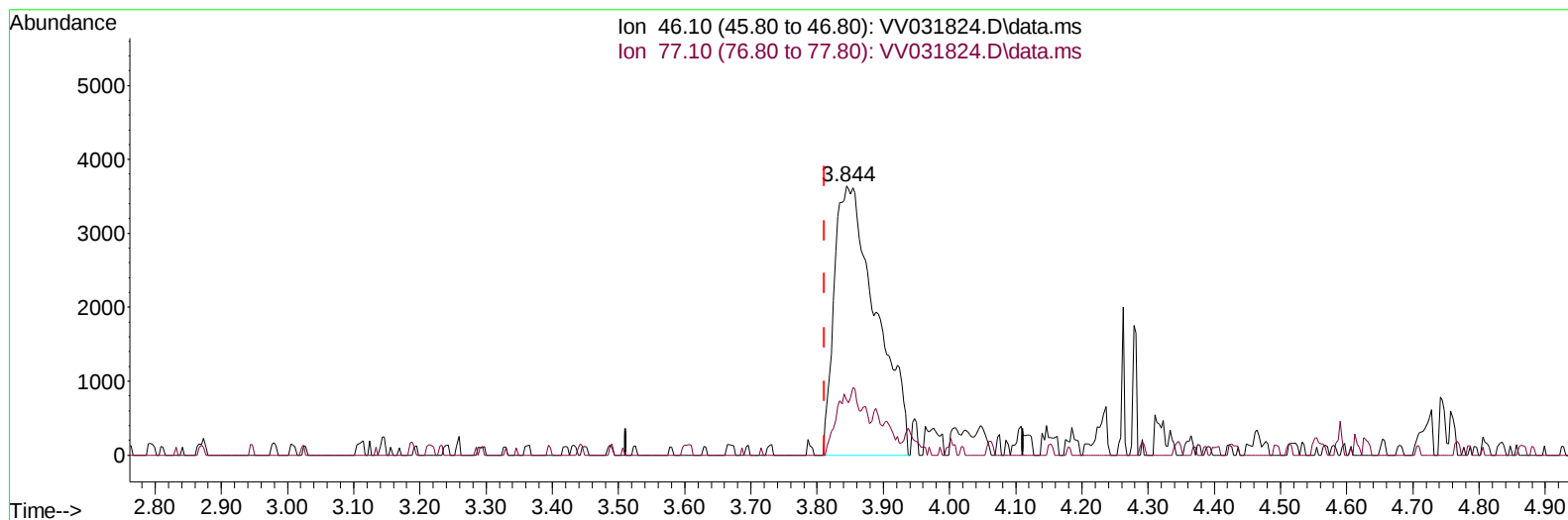
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

Quant Time: Aug 18 01:56:43 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
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TIC: VV031824.D\data.ms

(20) 2-Butanone-d5 (S)

3.844min (+ 0.032) 3.85 ug/L m

response 15910

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.80	7.12#
0.00	0.00	0.00
0.00	0.00	0.00

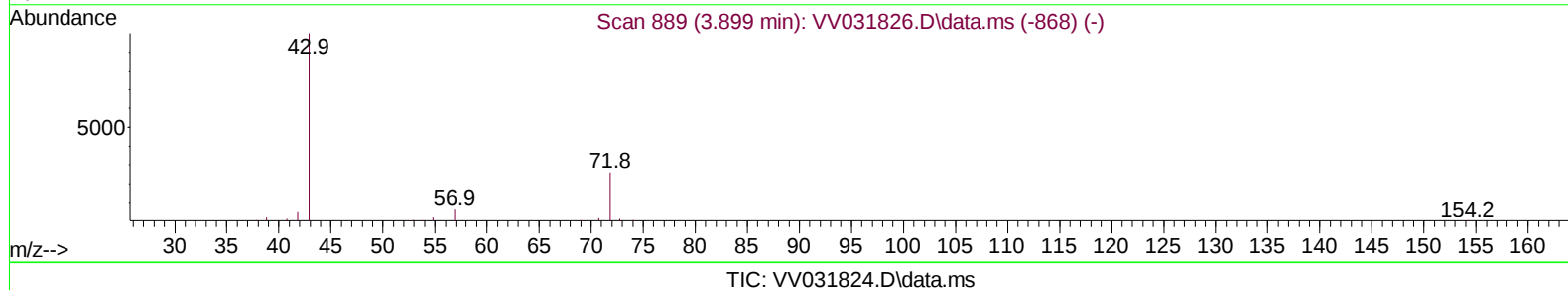
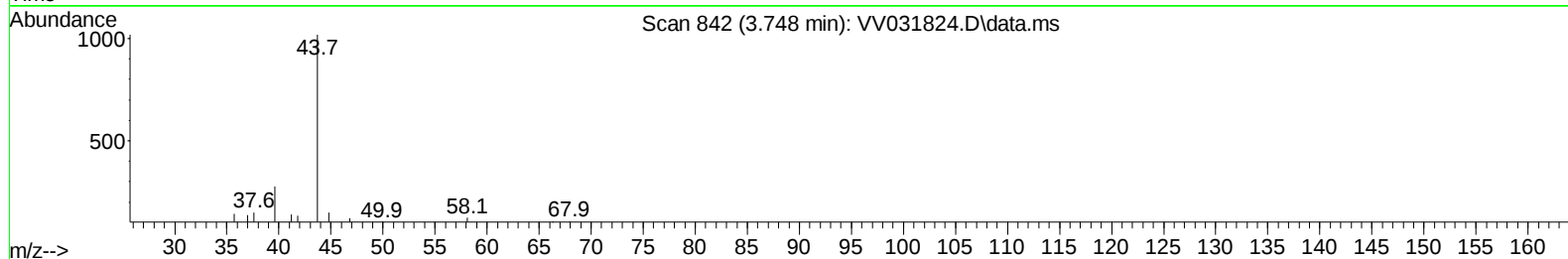
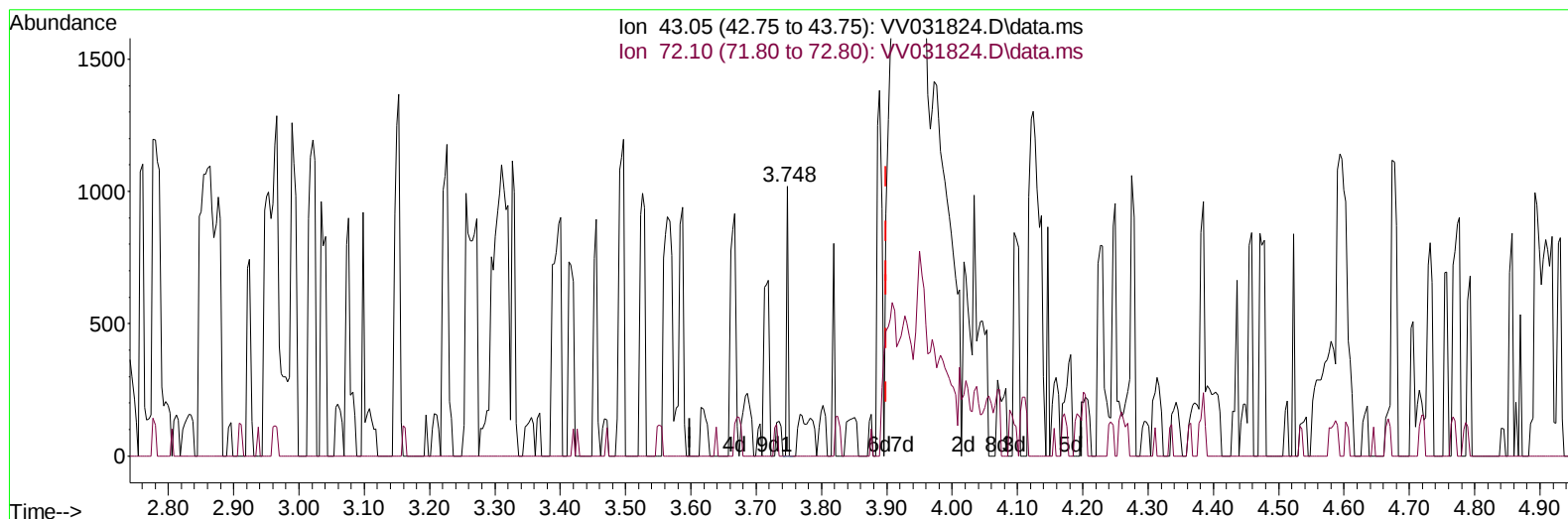
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
Data File : VV031824.D
Acq On : 17 Aug 2023 11:11
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5266

Manual IntegrationsAPPROVED

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(21) 2-Butanone (T)

3.748min (-0.151) 0.06 ug/L

response 196

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.90	40.31
0.00	0.00	0.00
0.00	0.00	0.00

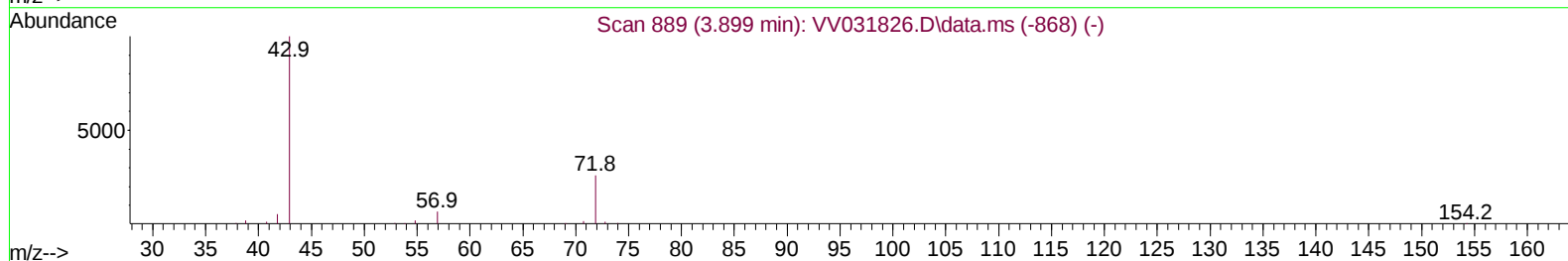
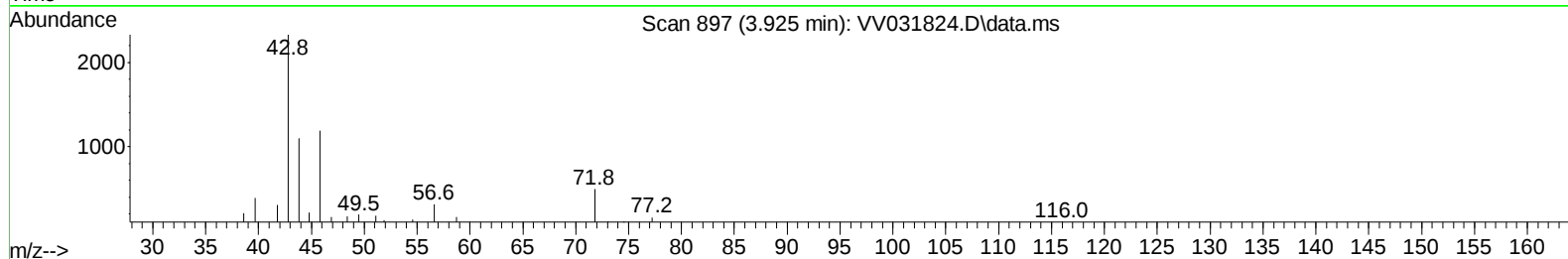
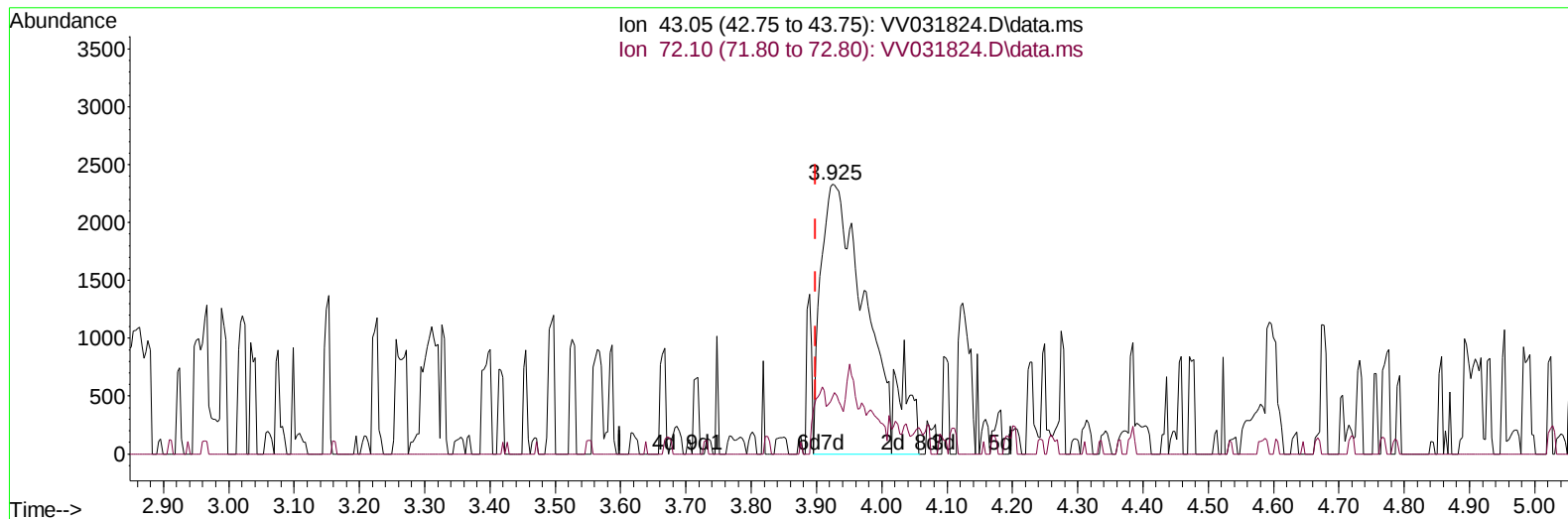
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 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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 QLast Update : Fri Aug 18 01:55:56 2023
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TIC: VV031824.D\data.ms

(21) 2-Butanone (T)

3.925min (+ 0.026) 3.48 ug/L m

response 11841

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.90	0.67#
0.00	0.00	0.00
0.00	0.00	0.00

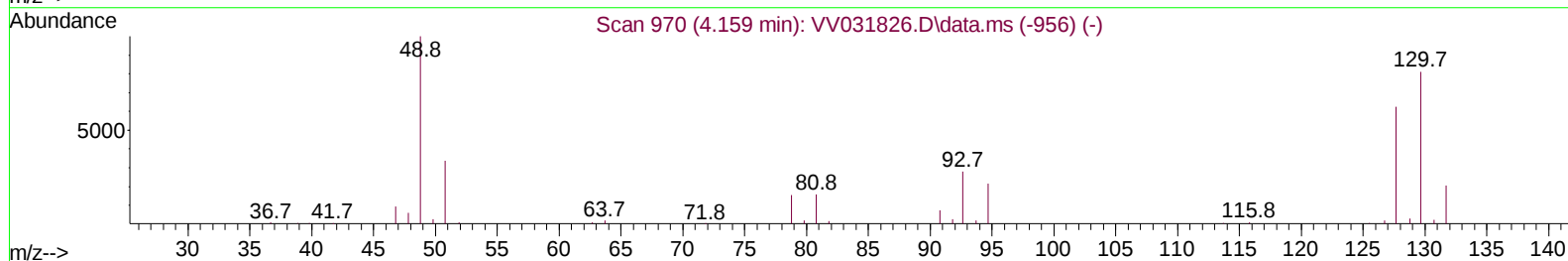
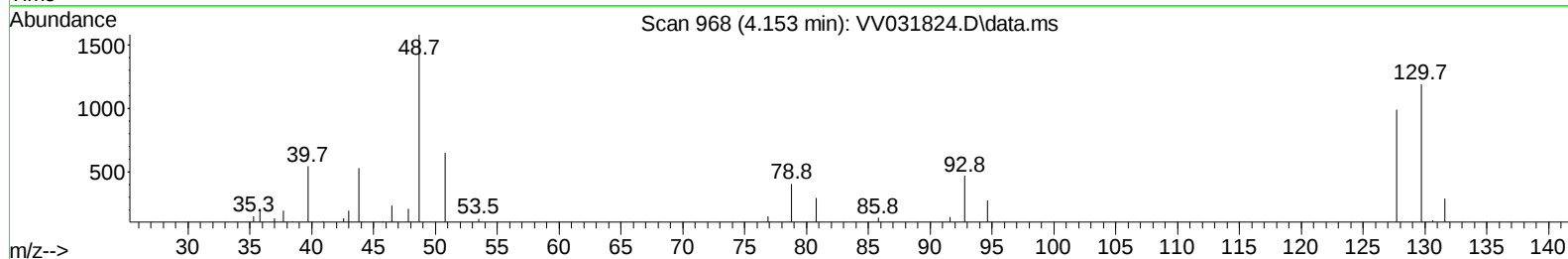
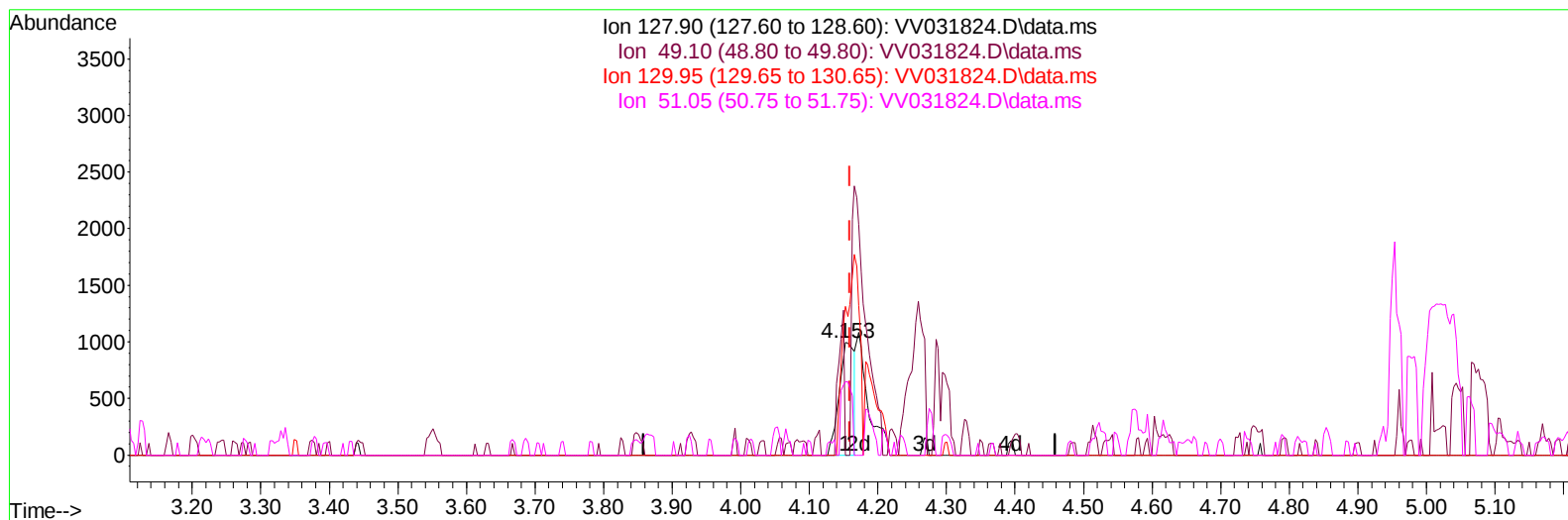
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(23) Bromochloromethane (T)

4.153min (-0.006) 0.24 ug/L

response 1495

Ion	Exp%	Act%
127.90	100.00	100.00
49.10	165.30	0.00#
129.95	129.60	132.26
51.05	53.60	65.52#

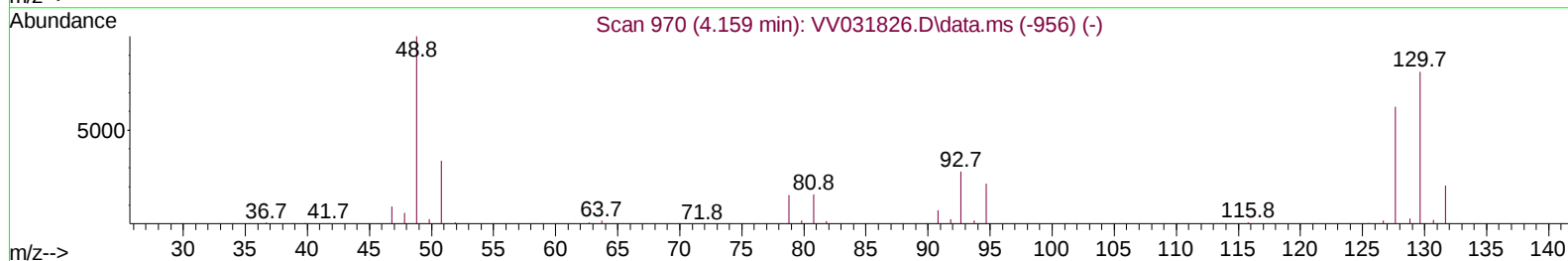
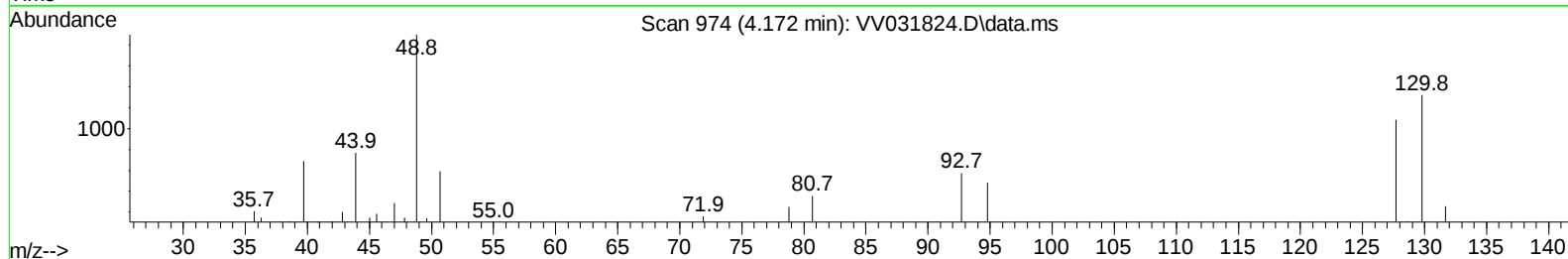
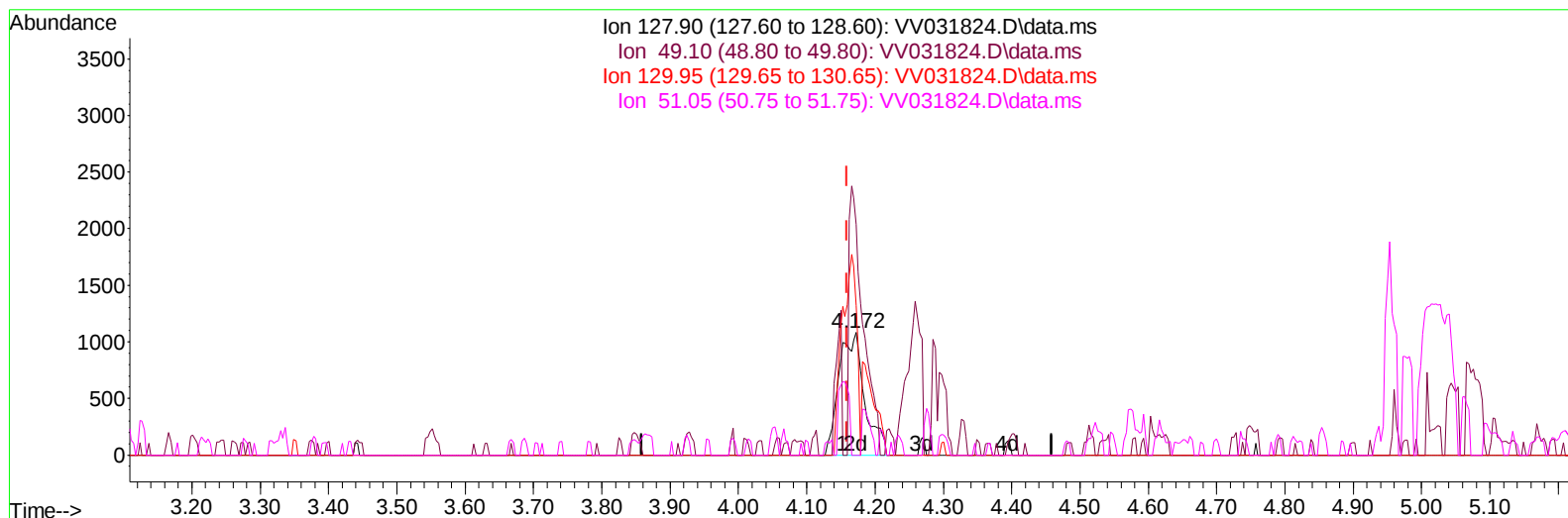
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 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

Quant Time: Aug 18 01:56:43 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

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 Supervised By :Semsettin Yesilyurt 08/18/2023



TIC: VV031824.D\data.ms

(23) Bromochloromethane (T)

4.172min (+ 0.013) 0.45 ug/L m

response 2833

Ion	Exp%	Act%
127.90	100.00	100.00
49.10	165.30	175.42
129.95	129.60	122.09
51.05	53.60	0.00#

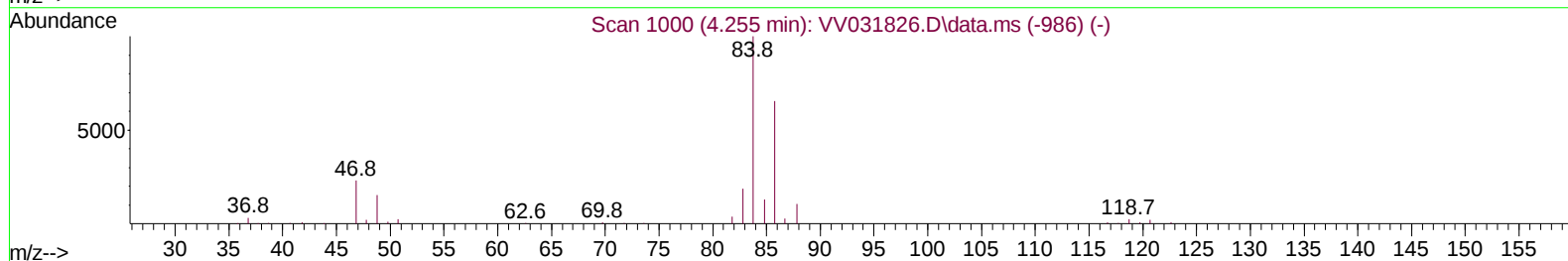
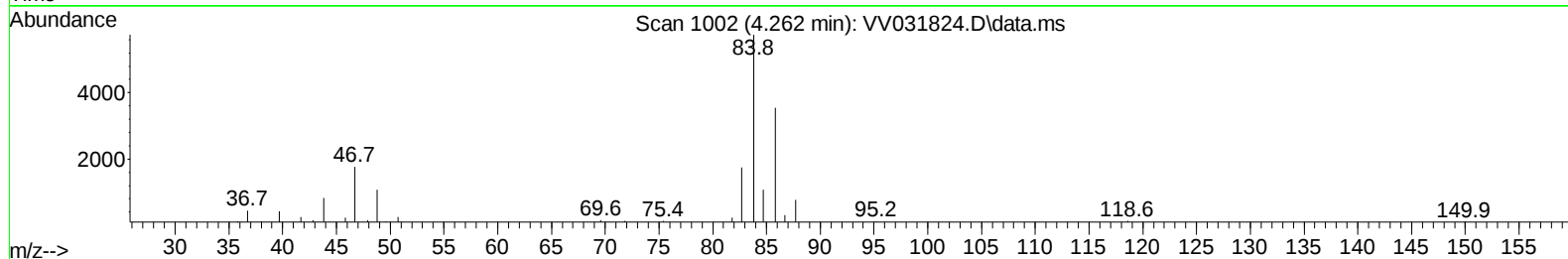
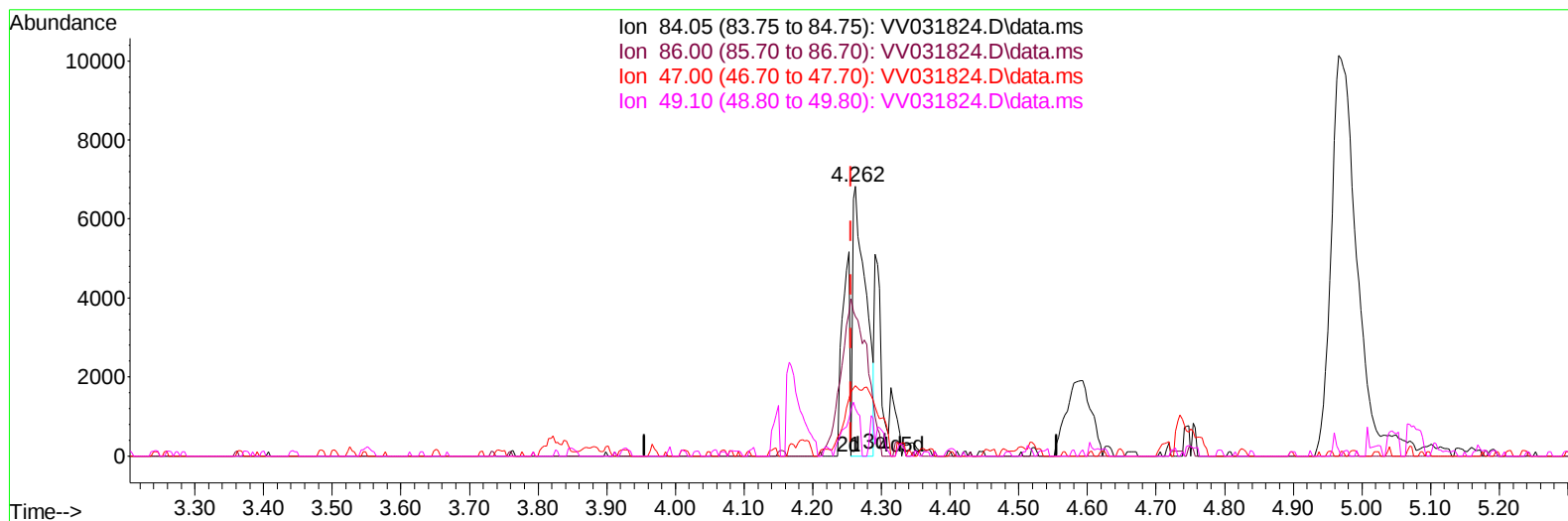
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(24) Chloroform-d (S)

4.262min (+ 0.007) 0.26 ug/L

response 8948

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	64.00	114.22#
47.00	34.40	27.11
49.10	18.20	21.51

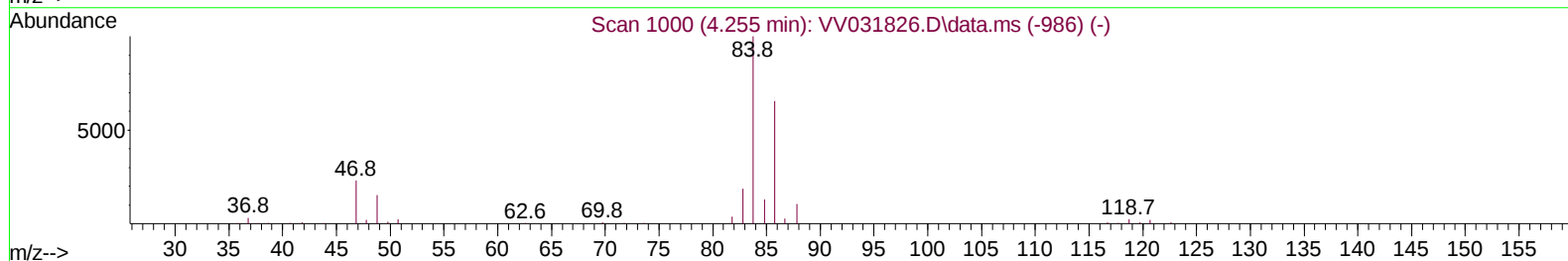
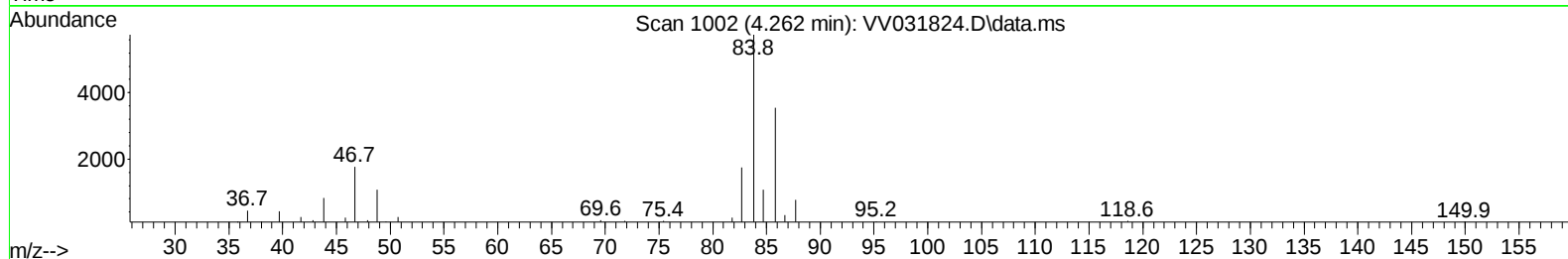
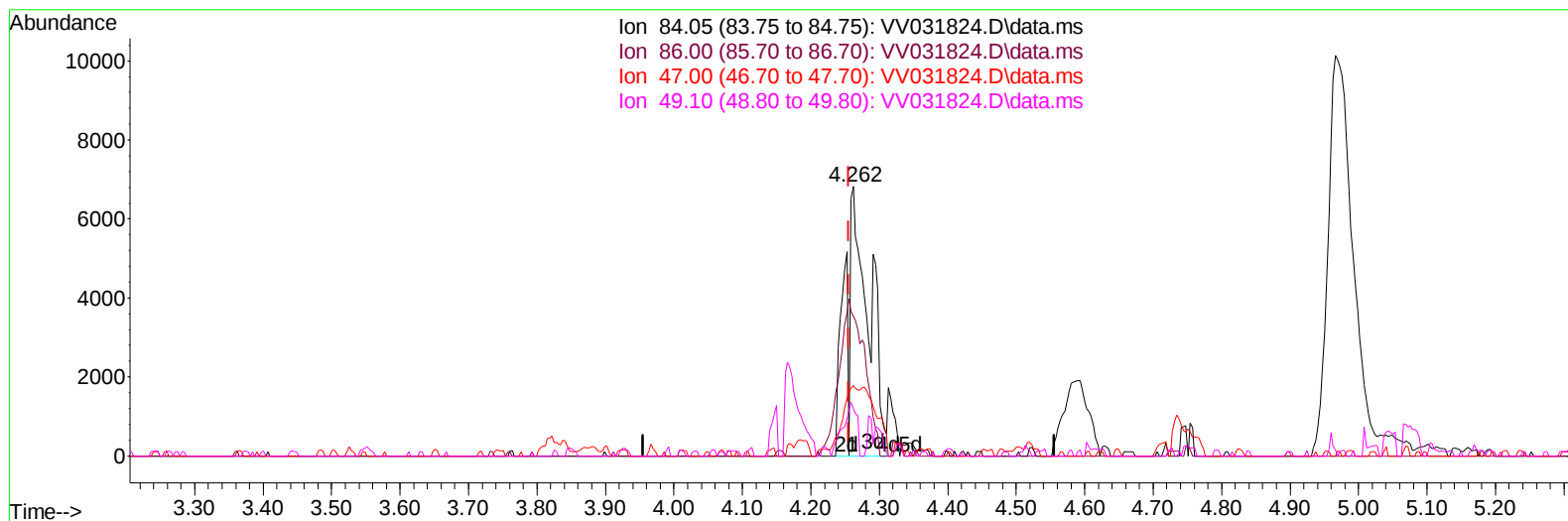
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5266

Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



TIC: VV031824.D\data.ms

(24) Chloroform-d (S)

4.262min (+ 0.007) 0.47 ug/L m

response 16250

Ion	Exp%	Act%
84.05	100.00	100.00
86.00	64.00	62.89
47.00	34.40	14.93#
49.10	18.20	11.85#

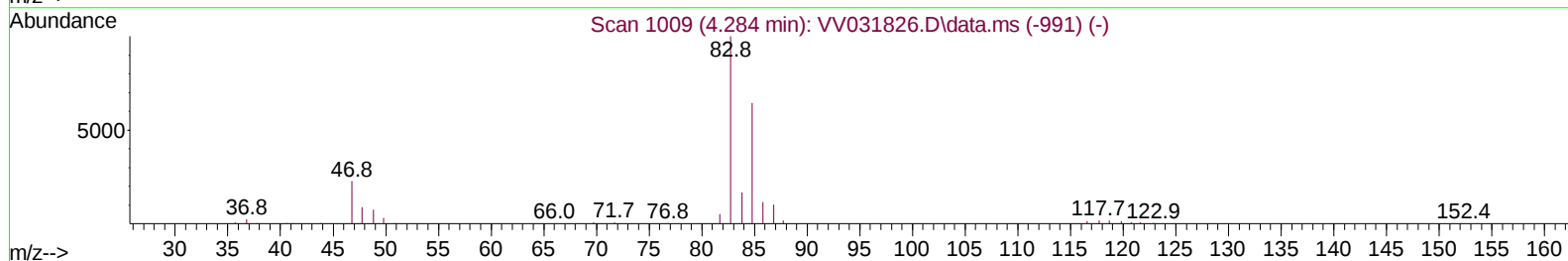
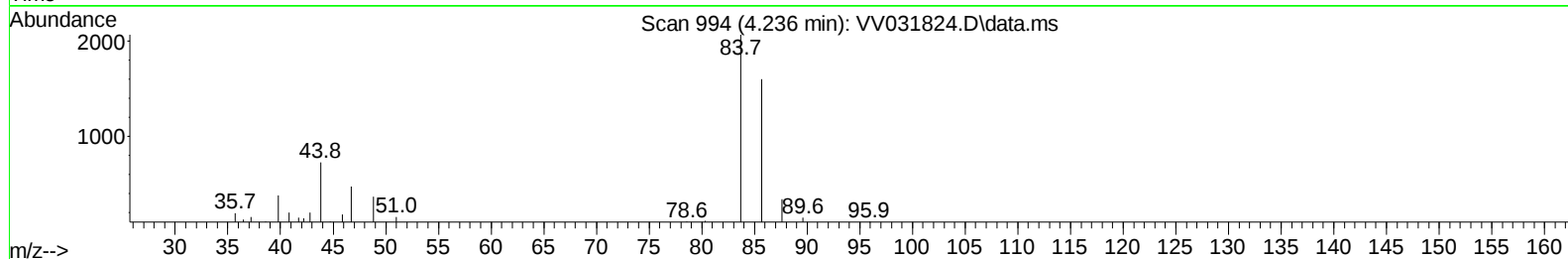
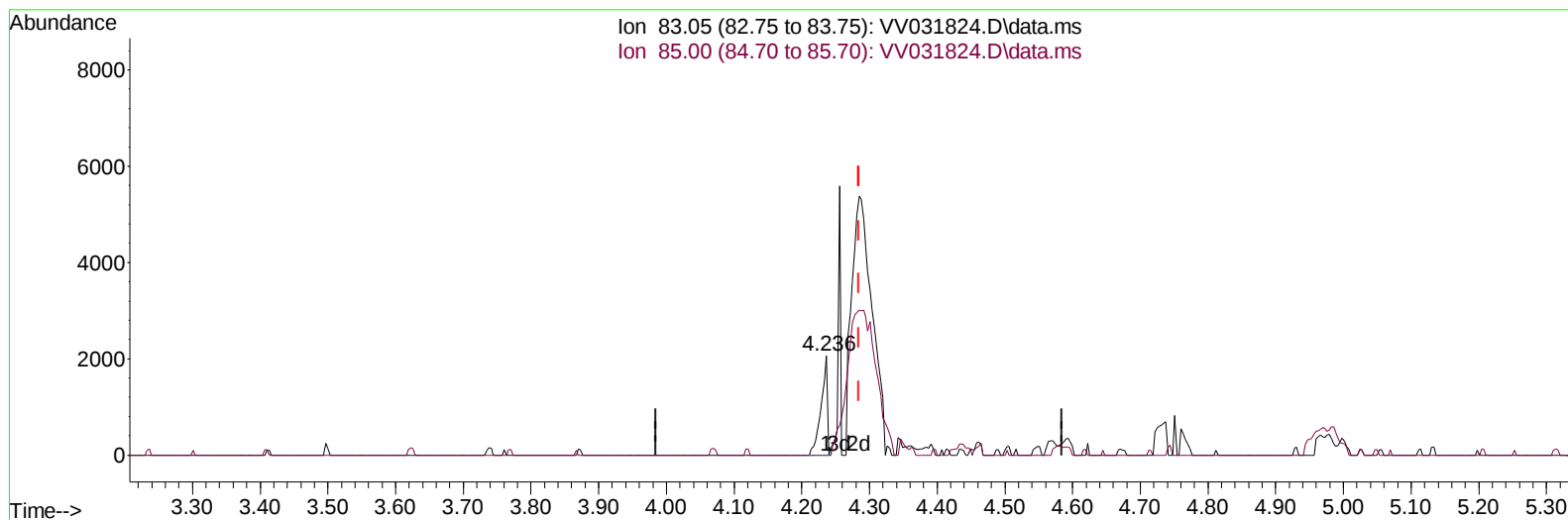
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(25) Chloroform (T)

4.236min (-0.048) 0.05 ug/L

response 1325

Ion	Exp%	Act%
83.05	100.00	100.00
85.00	64.80	77.59
0.00	0.00	0.00
0.00	0.00	0.00

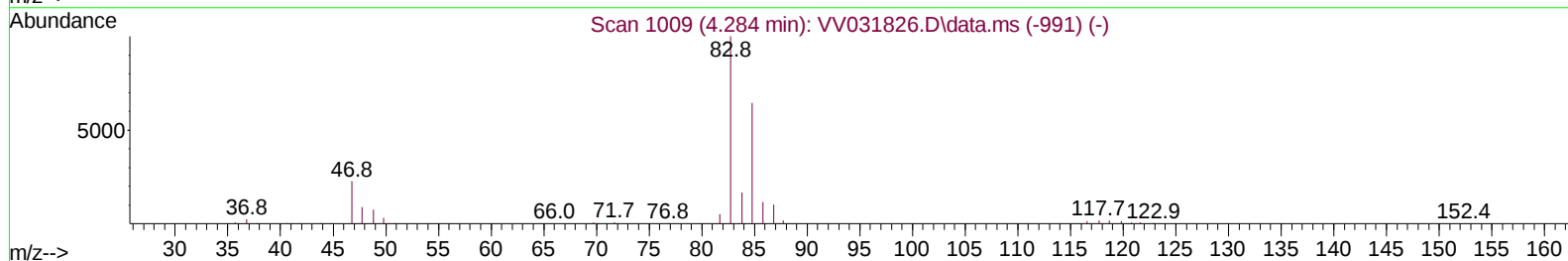
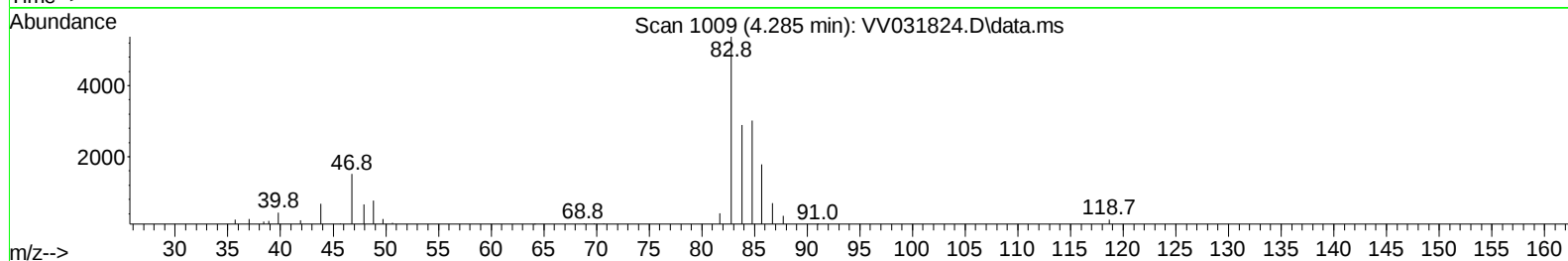
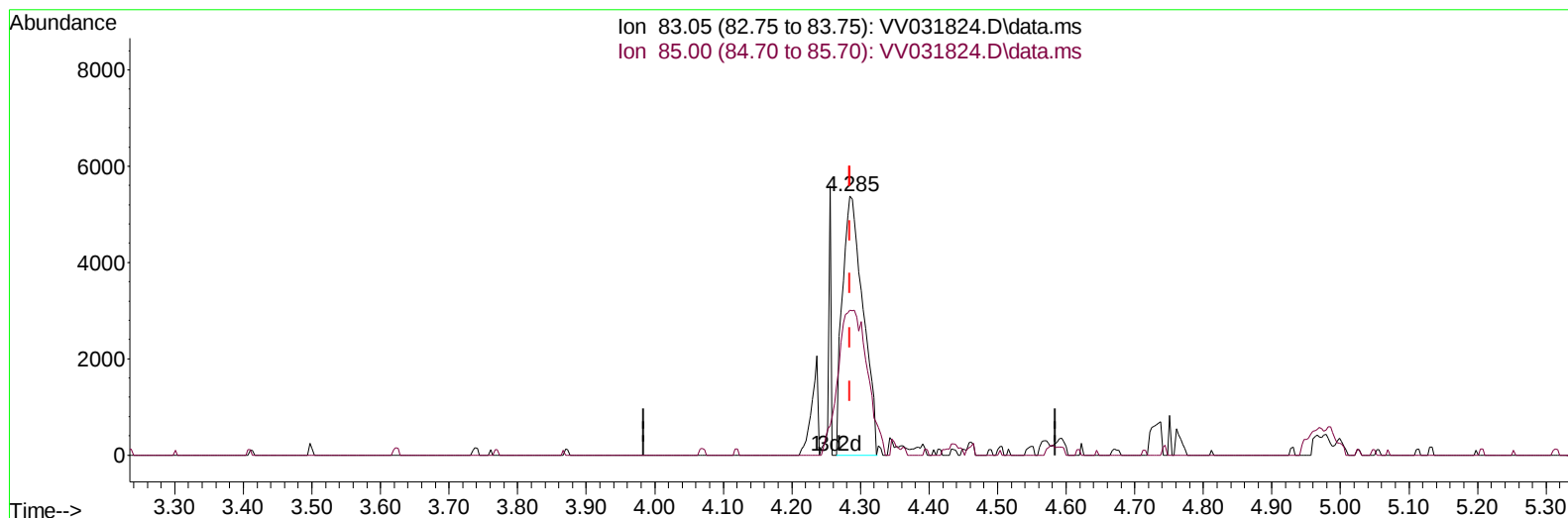
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Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(25) Chloroform (T)

4.285min (+ 0.000) 0.42 ug/L m

response 11196

Ion	Exp%	Act%
83.05	100.00	100.00
85.00	64.80	56.00
0.00	0.00	0.00
0.00	0.00	0.00

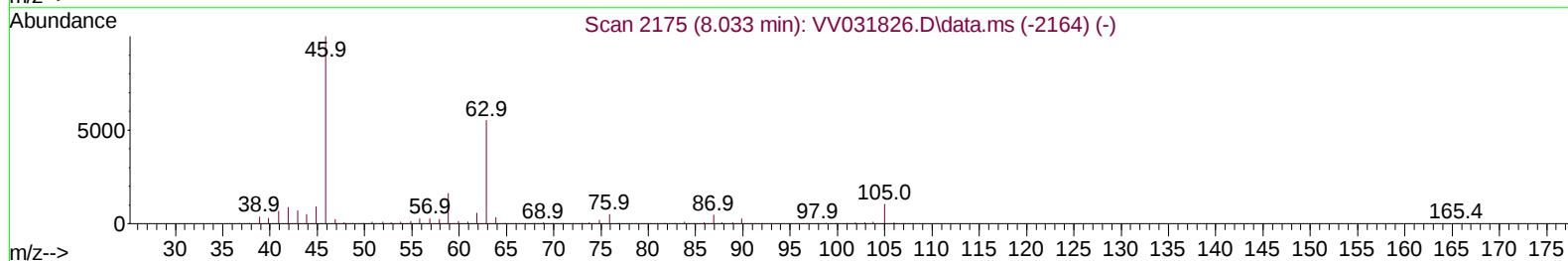
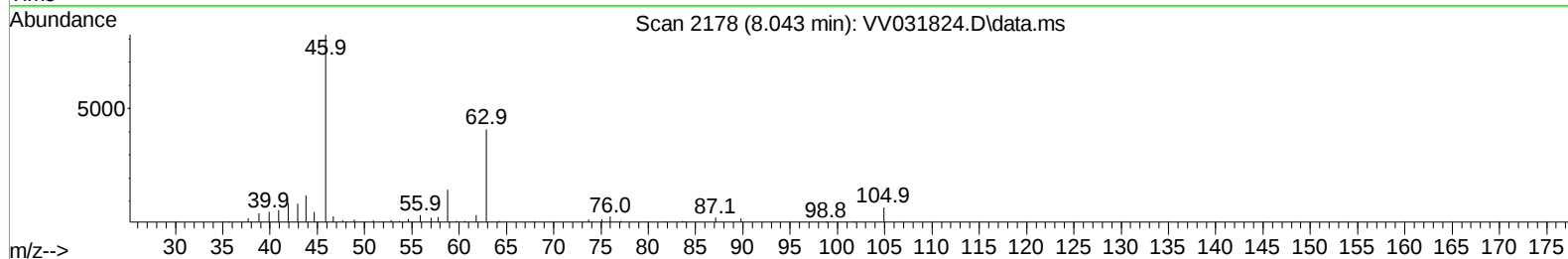
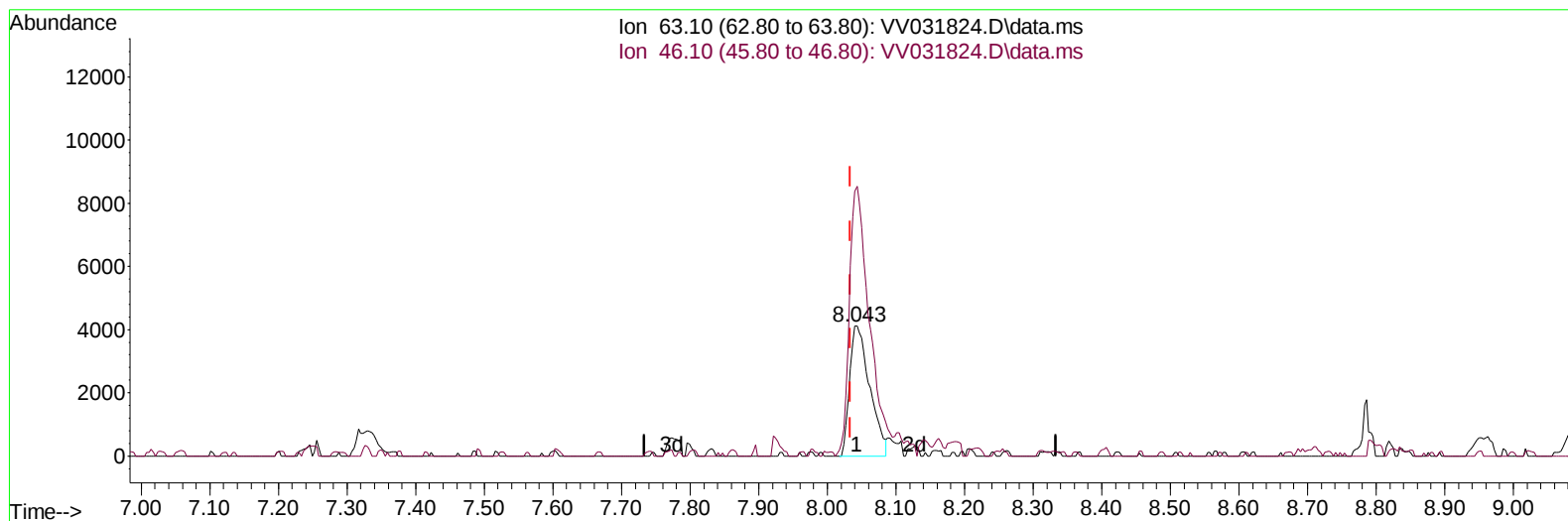
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(46) 2-Hexanone-d5 (S)

8.043min (+ 0.010) 2.81 ug/L

response 8322

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	186.10	206.81
0.00	0.00	0.00
0.00	0.00	0.00

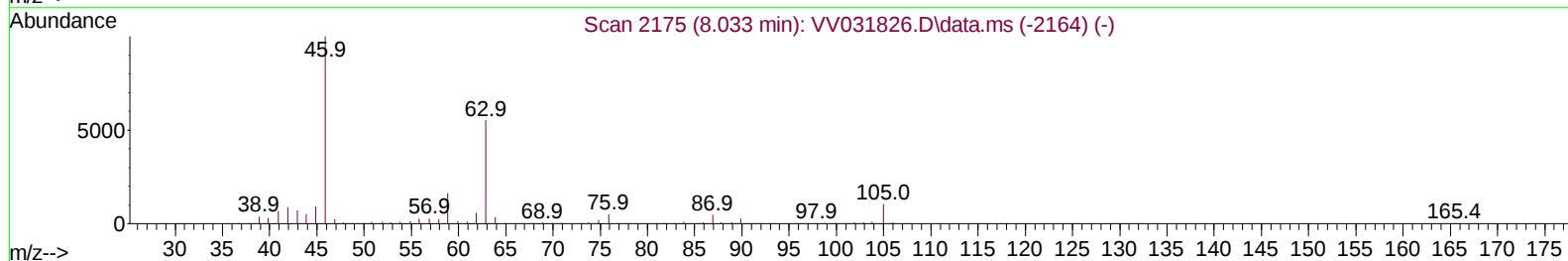
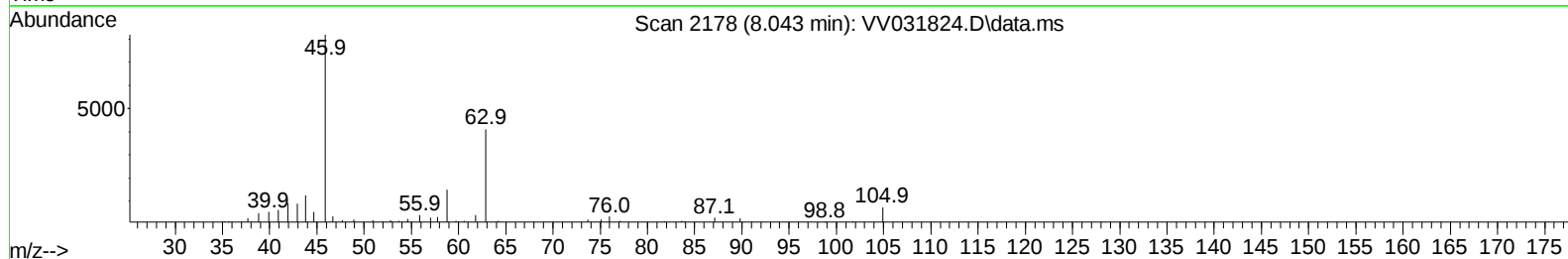
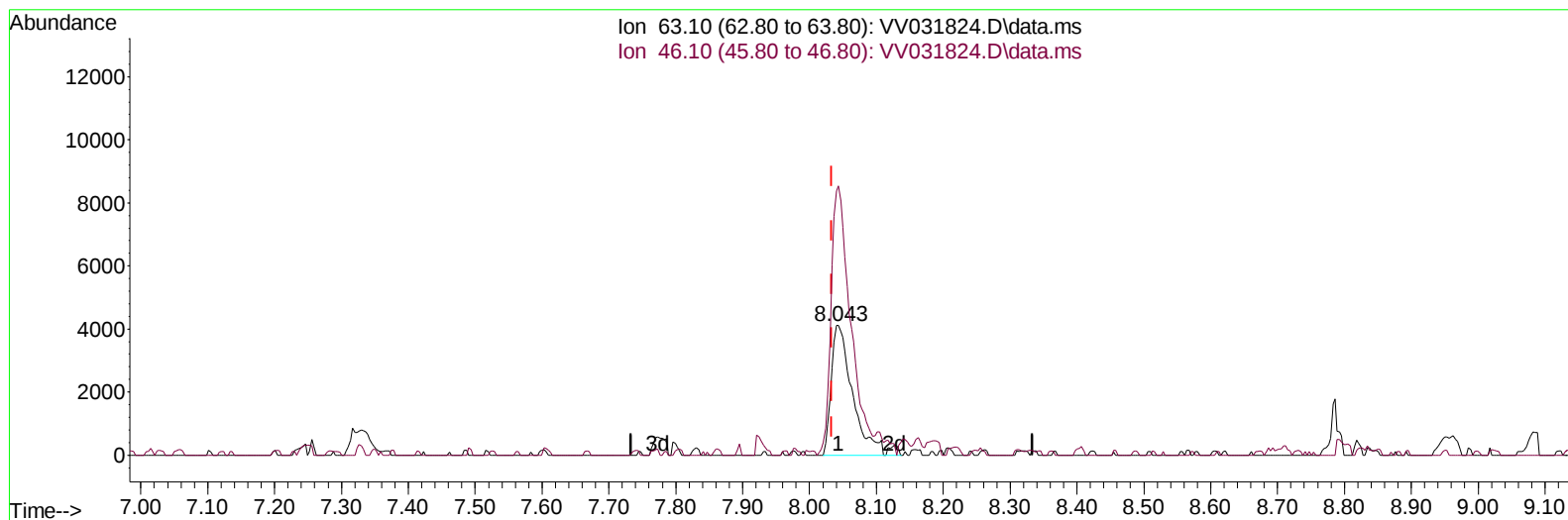
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
 Sample : VSTD0.566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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

Quant Time: Aug 18 01:56:43 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: VV031824.D\data.ms

(46) 2-Hexanone-d5 (S)

8.043min (+ 0.010) 3.12 ug/L m

response 9250

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	186.10	186.06
0.00	0.00	0.00
0.00	0.00	0.00

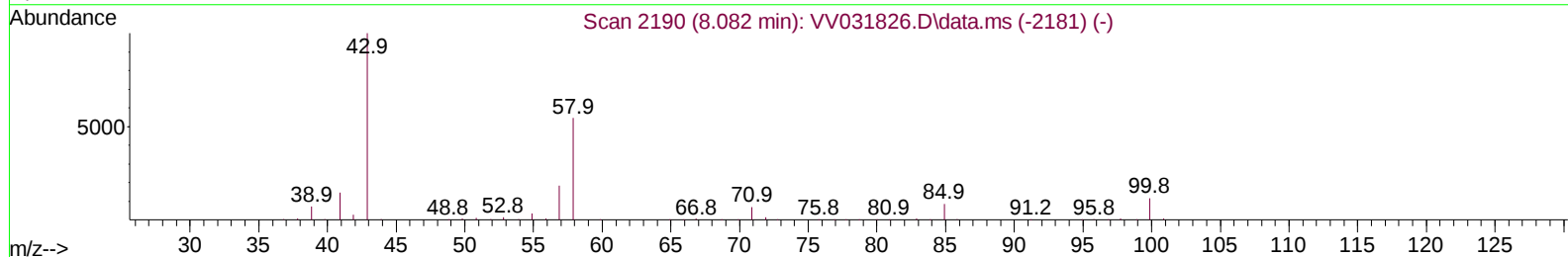
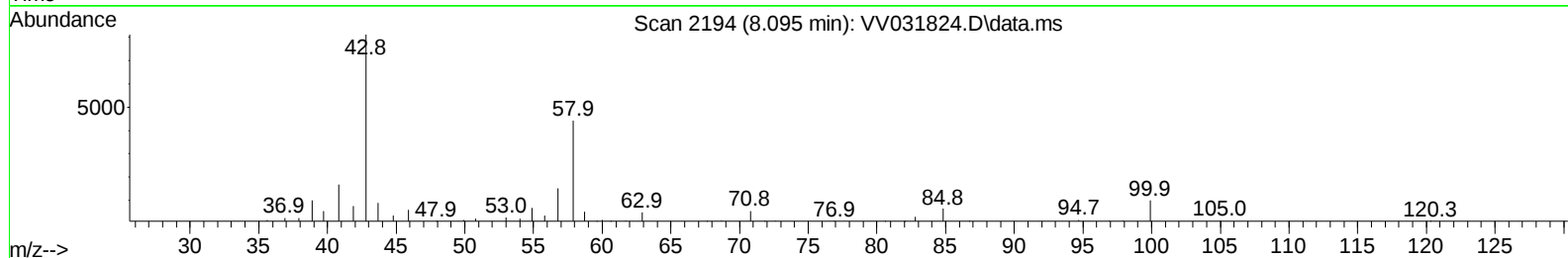
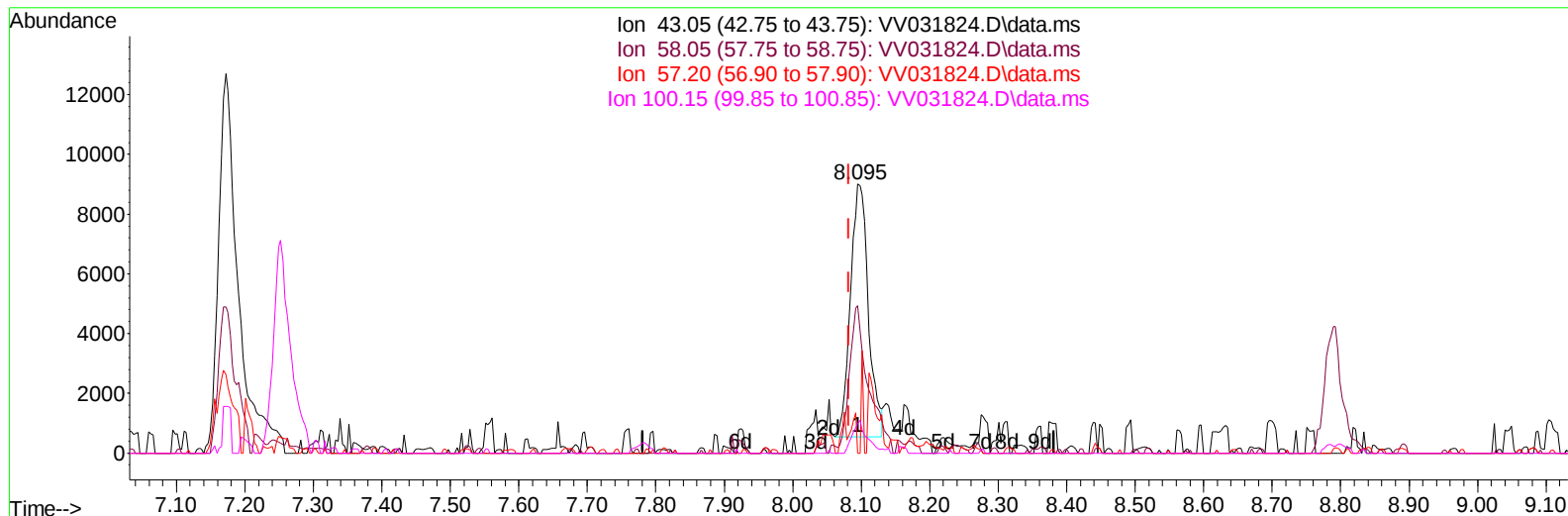
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
 Acq On : 17 Aug 2023 11:11
 Operator : SY/MD
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TIC: VV031824.D\data.ms

(48) 2-Hexanone (T)

8.095min (+ 0.013) 2.80 ug/L

response 15331

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	55.50	62.54
57.20	18.80	4.31#
100.15	11.60	11.02

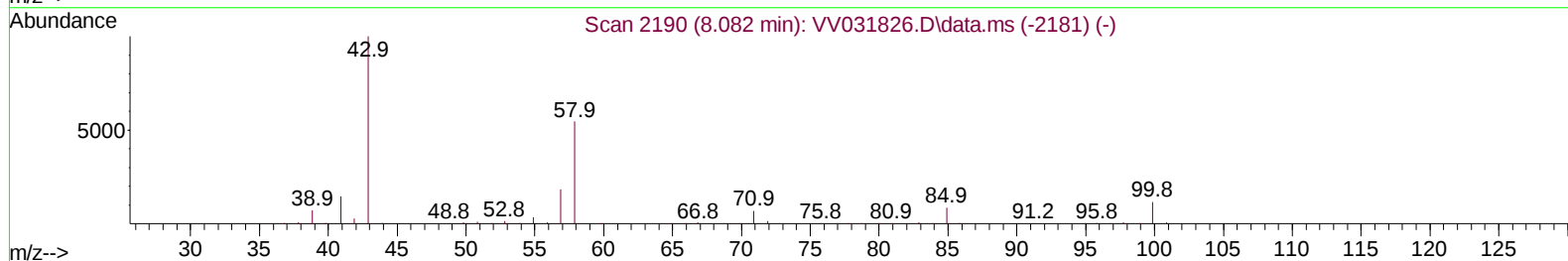
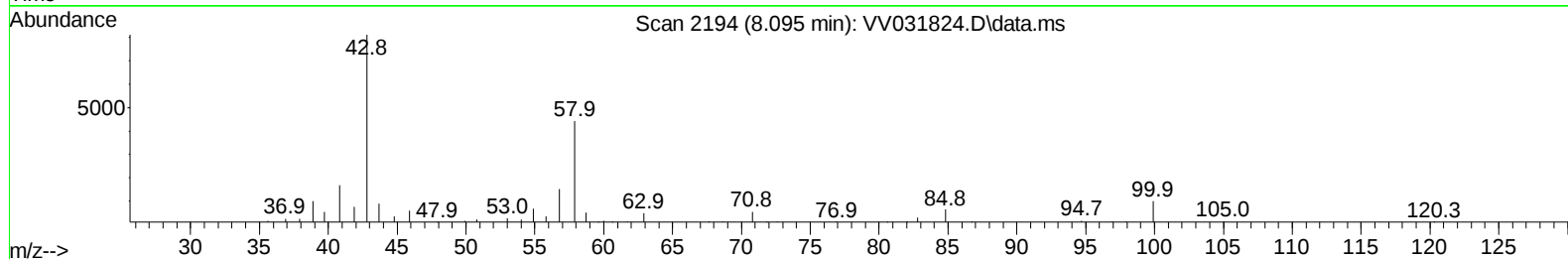
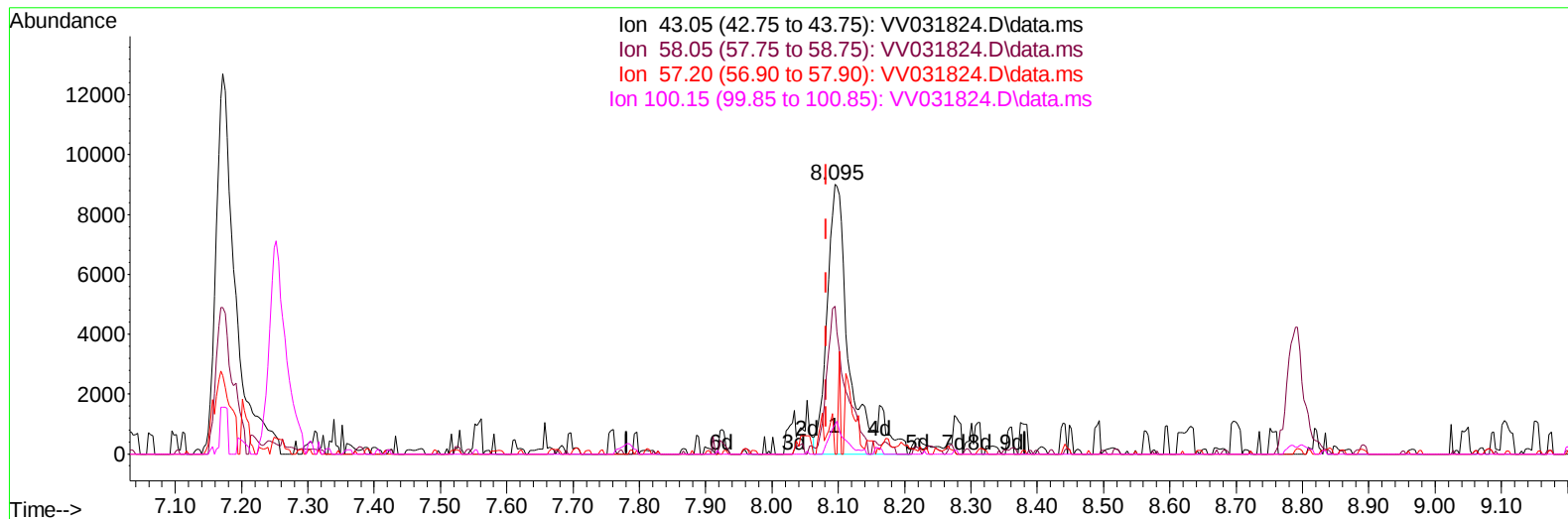
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031824.D
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV031824.D\data.ms

(48) 2-Hexanone (T)

8.095min (+ 0.013) 3.91 ug/L m

response 21400

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	55.50	44.80
57.20	18.80	3.08#
100.15	11.60	7.90#

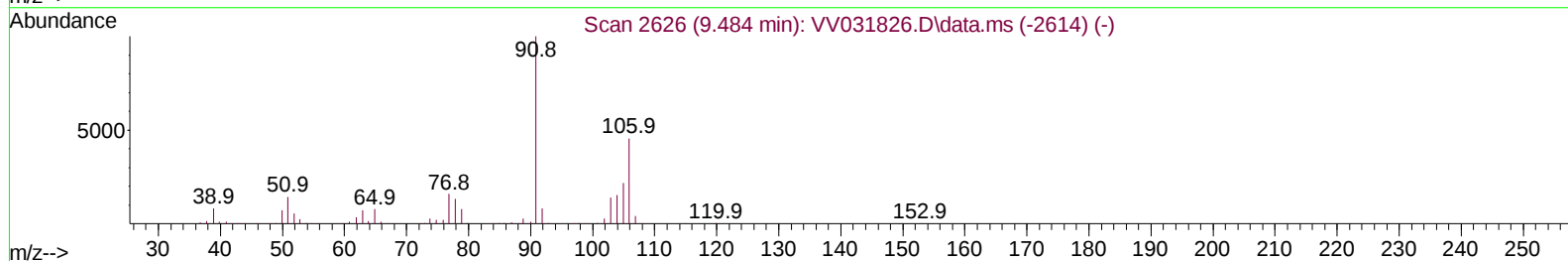
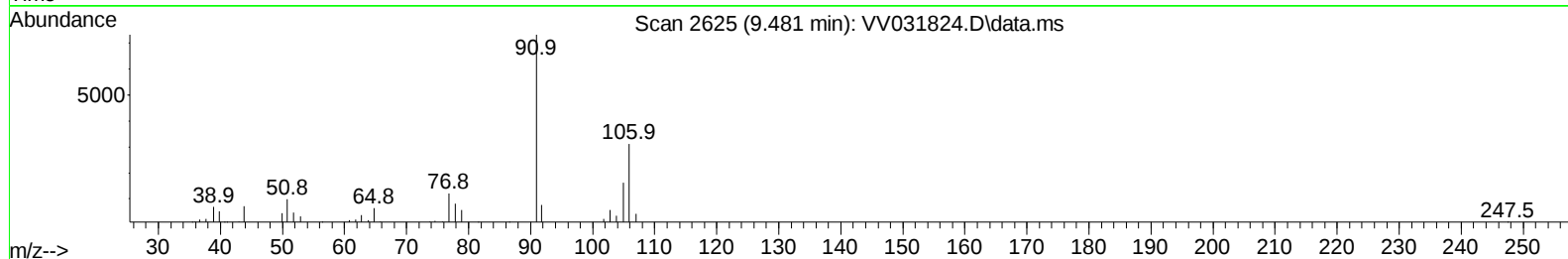
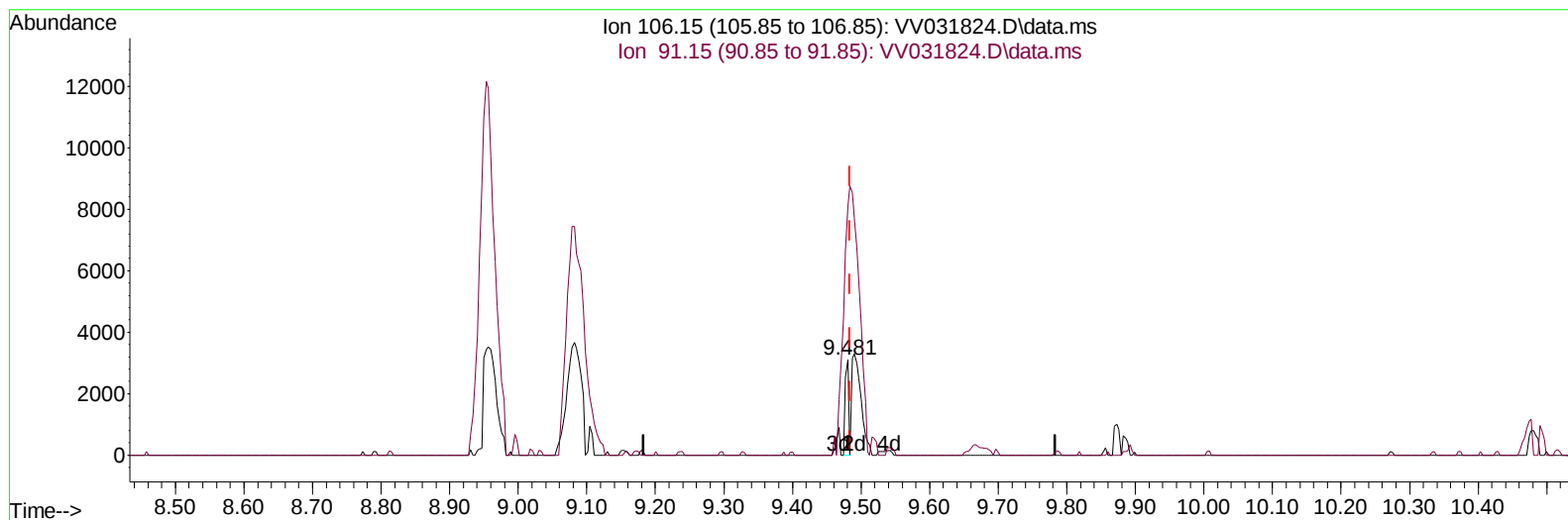
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
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 Operator : SY/MD
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD0.5266

Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 08/18/2023
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TIC: VV031824.D\data.ms

(54) o-Xylene (T)

9.481min (-0.003) 0.07 ug/L

response 1091

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	220.00	259.74
0.00	0.00	0.00
0.00	0.00	0.00

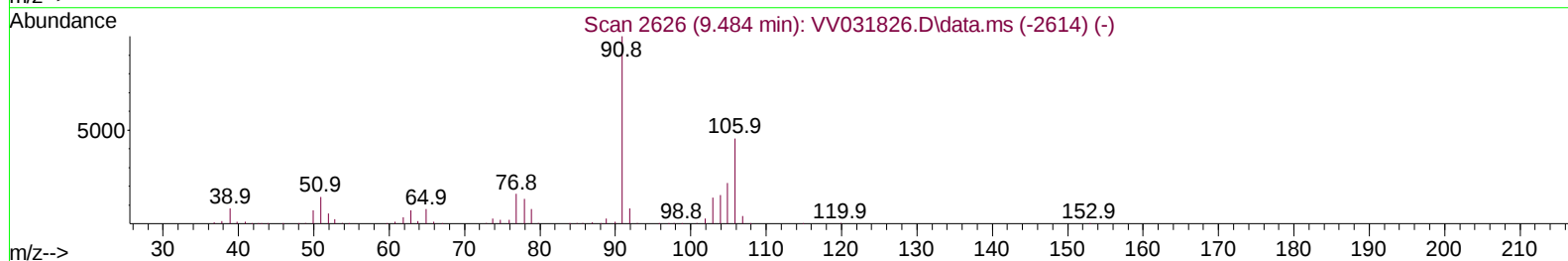
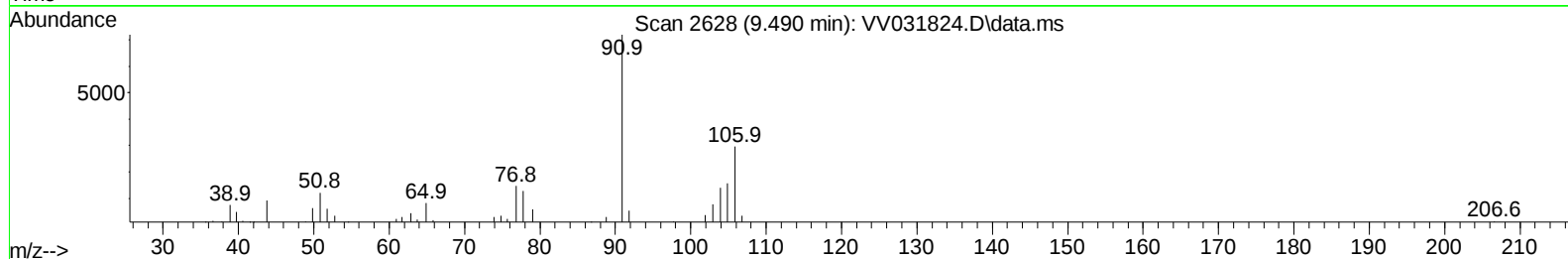
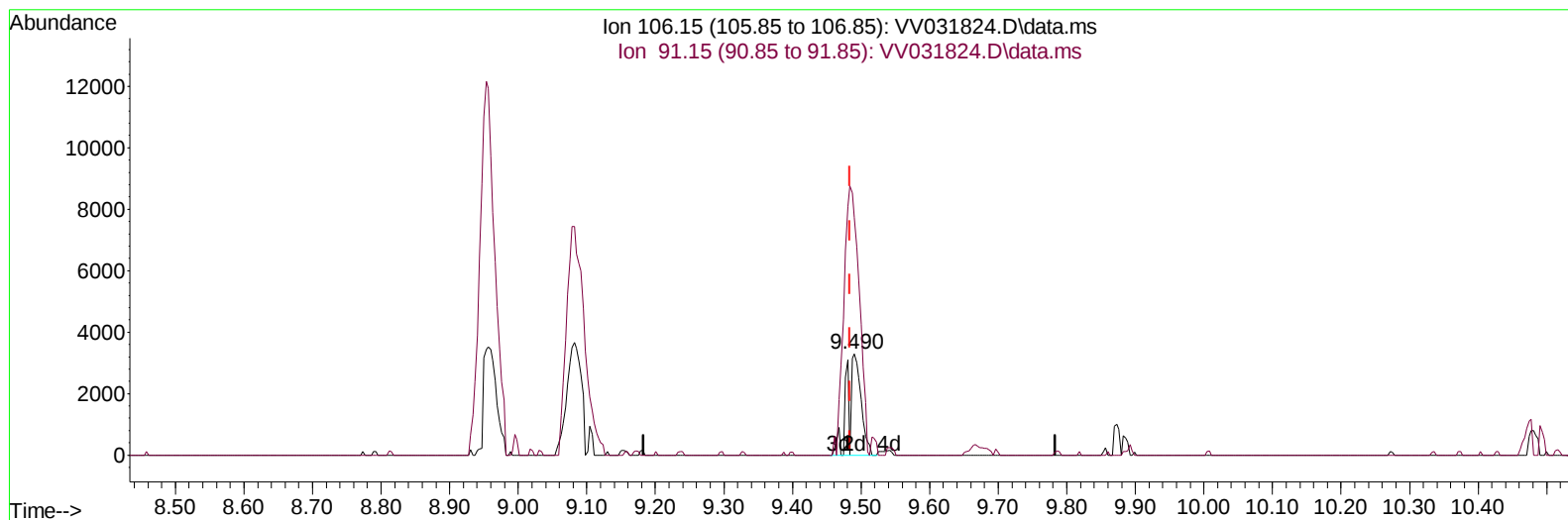
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TIC: VV031824.D\data.ms

(54) o-Xylene (T)

9.490min (+ 0.007) 0.28 ug/L m

response 4539

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	220.00	243.58
0.00	0.00	0.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 08/18/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	186508	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	193548	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	94226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	5815	0.381	ug/L	0.00
7) Chloroethane-d5	1.536	69	6259	0.437	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3716	0.461	ug/L	0.00
20) 2-Butanone-d5	3.844	46	15910m	3.854	ug/L	0.03
24) Chloroform-d	4.262	84	16250m	0.470	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	7619	0.431	ug/L	0.00
32) Benzene-d6	4.966	84	25056	0.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	10236	0.510	ug/L	0.00
41) Toluene-d8	7.252	98	18646	0.369	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	2821	0.446	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	9250m	3.120	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4361	0.289	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	8492	0.516	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	8774	0.446	ug/L	98
3) Chloromethane	1.217	50	9222	0.466	ug/L	99
5) Vinyl chloride	1.285	62	8235	0.430	ug/L	94
6) Bromomethane	1.491	94	6131	0.511	ug/L	100
8) Chloroethane	1.552	64	5749m	0.504	ug/L	
9) Trichlorofluoromethane	1.716	101	12576	0.447	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	7926	0.512	ug/L	96
12) 1,1-Dichloroethene	2.072	96	6475	0.461	ug/L	78
13) Acetone	2.130	43	12628	4.775	ug/L	91
14) Carbon disulfide	2.243	76	17459	0.404	ug/L	96
15) Methyl Acetate	2.400	43	3410	0.604	ug/L #	86
16) Methylene chloride	2.452	84	12021	0.637	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	11699	0.441	ug/L #	89
18) trans-1,2-Dichloroethene	2.699	96	6284	0.505	ug/L	98
19) 1,1-Dichloroethane	3.117	63	12017	0.448	ug/L #	87
21) 2-Butanone	3.925	43	11841m	3.475	ug/L	
22) cis-1,2-Dichloroethene	3.831	96	5331	0.430	ug/L	97
23) Bromochloromethane	4.172	128	2833m	0.454	ug/L	
25) Chloroform	4.285	83	11196m	0.420	ug/L	
27) 1,2-Dichloroethane	5.056	62	6876	0.412	ug/L #	75
29) 1,1,1-Trichloroethane	4.519	97	10708	0.463	ug/L #	47
30) Cyclohexane	4.584	56	6754	0.409	ug/L #	83
31) Carbon tetrachloride	4.735	117	9531	0.460	ug/L	100
33) Benzene	5.021	78	20723	0.421	ug/L	100
34) Trichloroethene	5.847	95	6389	0.458	ug/L	85
35) Methylcyclohexane	6.050	83	5805	0.341	ug/L #	70
37) 1,2-Dichloropropane	6.101	63	6297	0.449	ug/L #	94
38) Bromodichloromethane	6.445	83	8886	0.481	ug/L #	96
39) cis-1,3-Dichloropropene	6.969	75	5807	0.335	ug/L	95
40) 4-Methyl-2-pentanone	7.172	43	25667	3.457	ug/L #	87
42) Toluene	7.326	91	17345	0.370	ug/L	96

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Manual IntegrationsAPPROVED

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

Quant Time: Aug 18 01:56:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.596	75	5653	0.367	ug/L	91
45) 1,1,2-Trichloroethane	7.783	97	4884	0.466	ug/L #	69
47) Tetrachloroethene	7.912	164	4591	0.471	ug/L	95
48) 2-Hexanone	8.095	43	21400m	3.911	ug/L	
49) Dibromochloromethane	8.185	129	5035	0.444	ug/L	89
50) 1,2-Dibromoethane	8.297	107	4133	0.420	ug/L #	98
51) Chlorobenzene	8.821	112	15259	0.486	ug/L	94
52) Ethylbenzene	8.953	91	18315	0.386	ug/L	97
53) m,p-Xylene	9.082	106	5322	0.309	ug/L	88
54) o-Xylene	9.490	106	4539m	0.280	ug/L	
55) Styrene	9.506	104	9387	0.309	ug/L #	75
57) 1,1,2,2-Tetrachloroethane	10.188	83	4863	0.442	ug/L #	87
59) Bromoform	9.673	173	2655	0.432	ug/L #	81
60) Isopropylbenzene	9.873	105	15864	0.385	ug/L	97
61) 1,2,3-Trichloropropane	10.220	75	4367	0.534	ug/L	90
62) 1,3,5-Trimethylbenzene	10.481	105	12645	0.381	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	12478	0.376	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	10540	0.468	ug/L	95
65) 1,4-Dichlorobenzene	11.217	146	10746	0.454	ug/L	90
67) 1,2-Dichlorobenzene	11.587	146	9730	0.454	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.374	75	644	0.396	ug/L #	36
69) 1,3,5-Trichlorobenzene	12.593	180	7351	0.444	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	6363	0.490	ug/L	95
71) Naphthalene	13.448	128	9096	0.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	5505	0.459	ug/L	97

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

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