

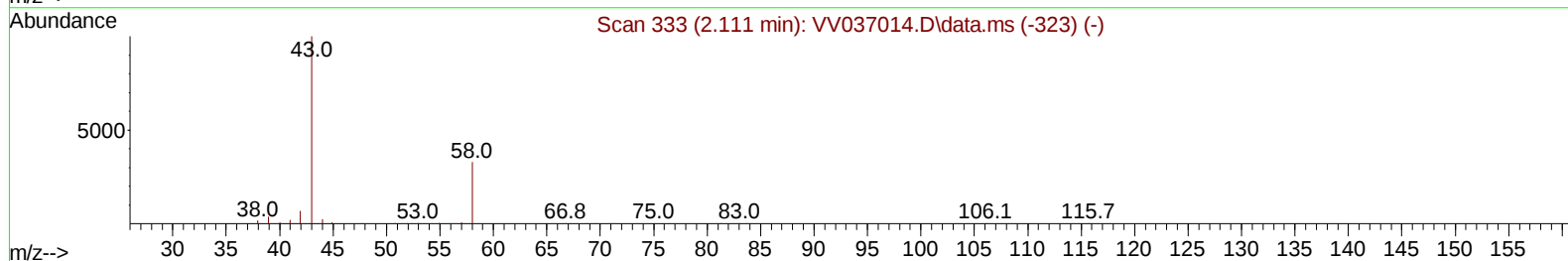
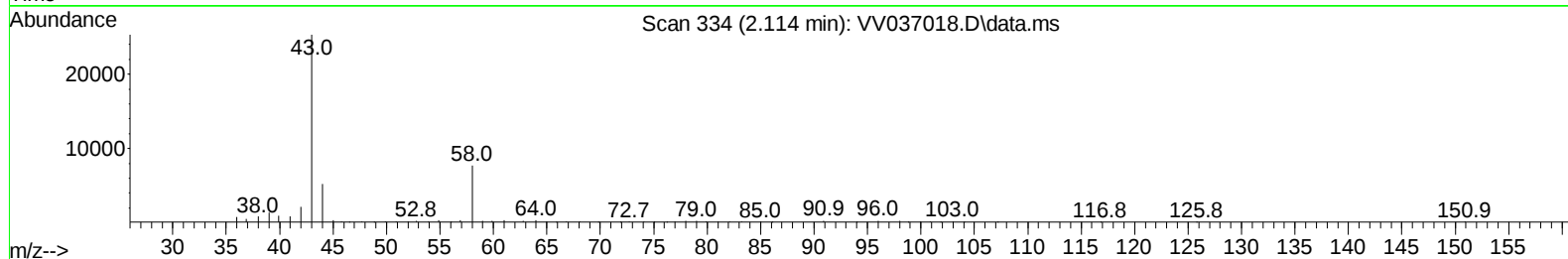
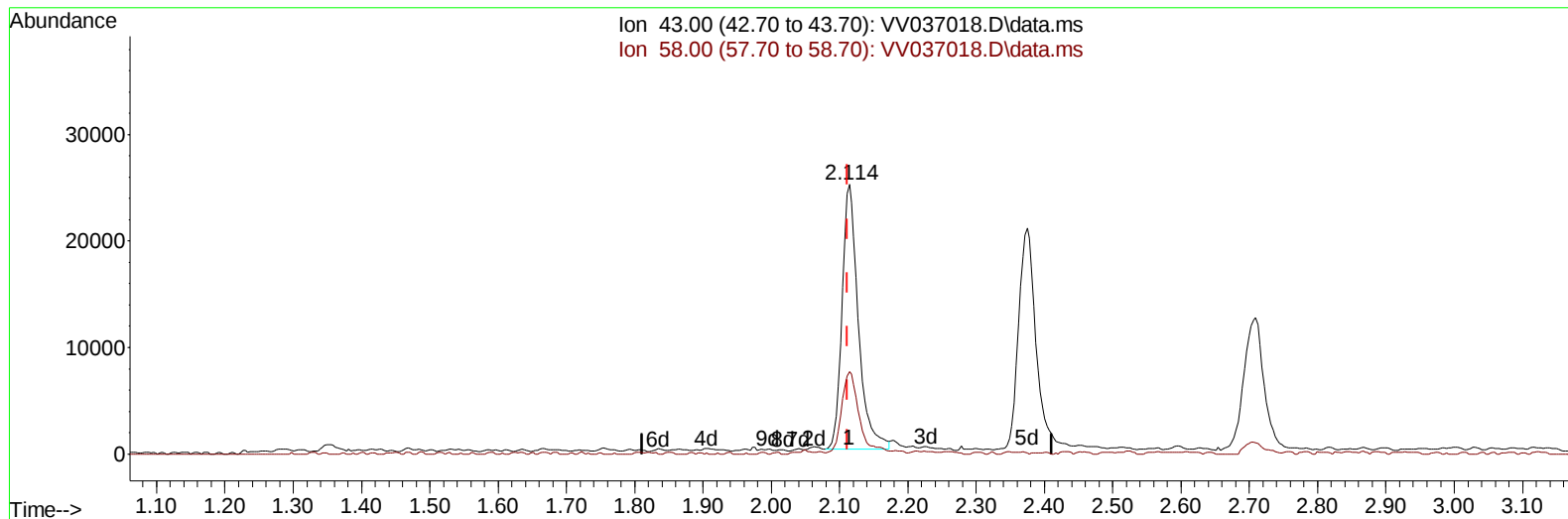
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037018.D
 Acq On : 26 Aug 2024 11:21
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010270

Manual IntegrationsAPPROVED

Quant Time: Aug 27 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/27/2024
 Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(13) Acetone (T)

2.114min (+ 0.003) 16.32 ug/L

response 41396

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.40	31.27
0.00	0.00	0.00
0.00	0.00	0.00

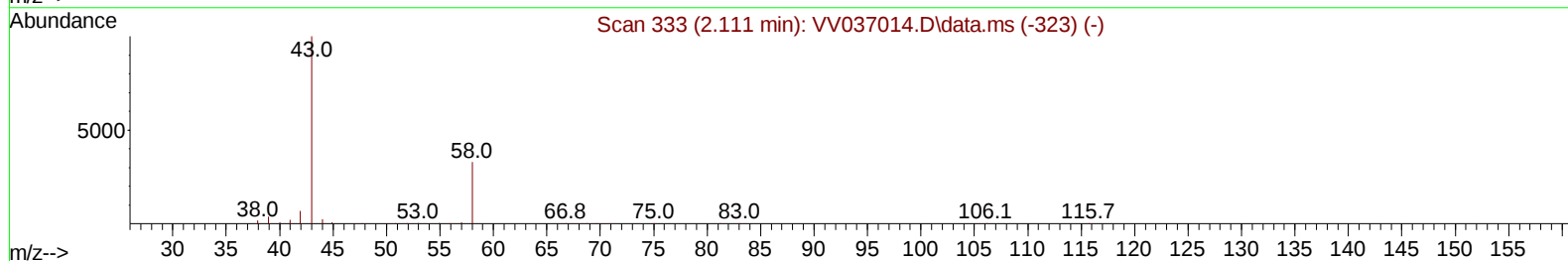
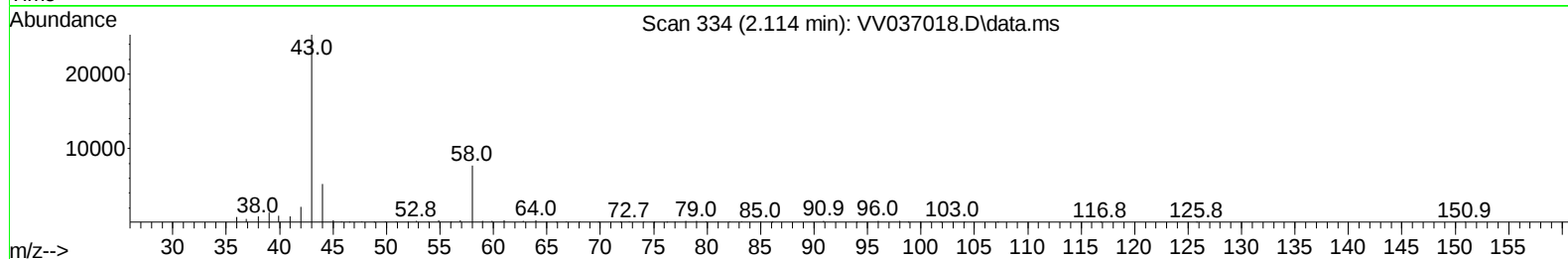
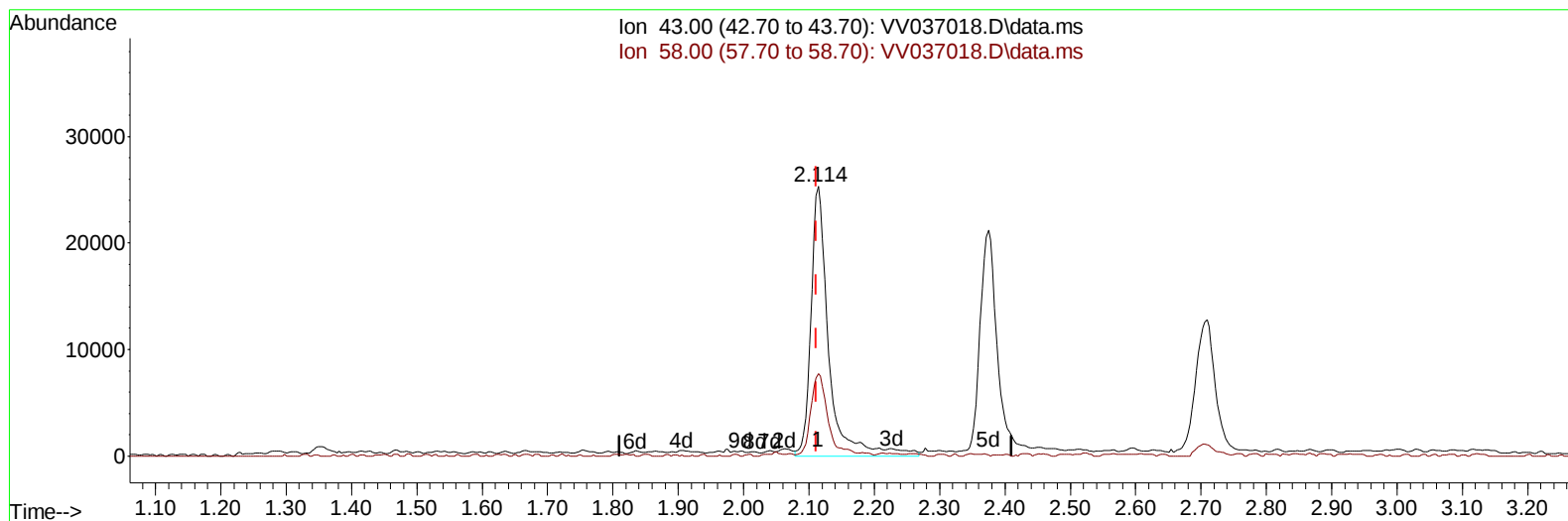
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
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Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

Quant Time: Aug 27 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(13) Acetone (T)

2.114min (+ 0.003) 18.80 ug/L m

response 47689

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.40	27.14
0.00	0.00	0.00
0.00	0.00	0.00

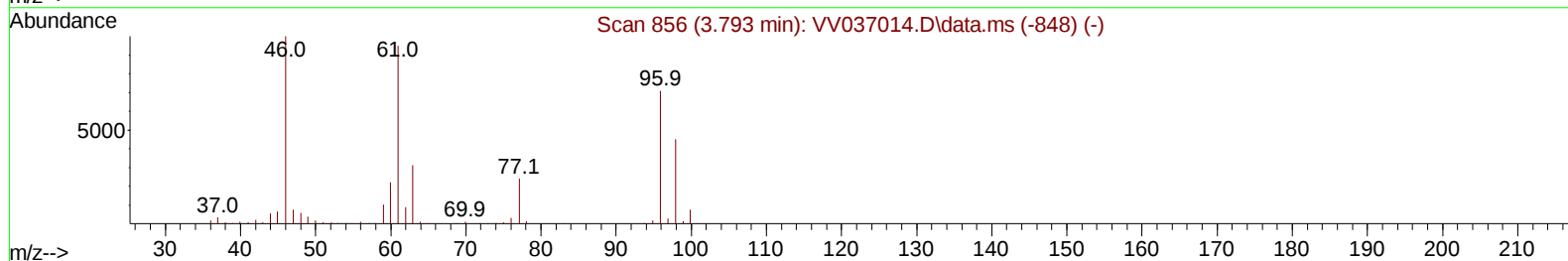
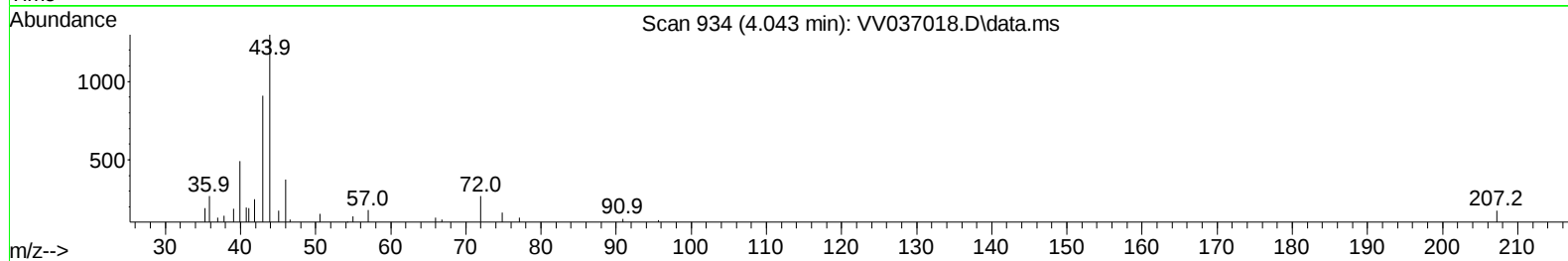
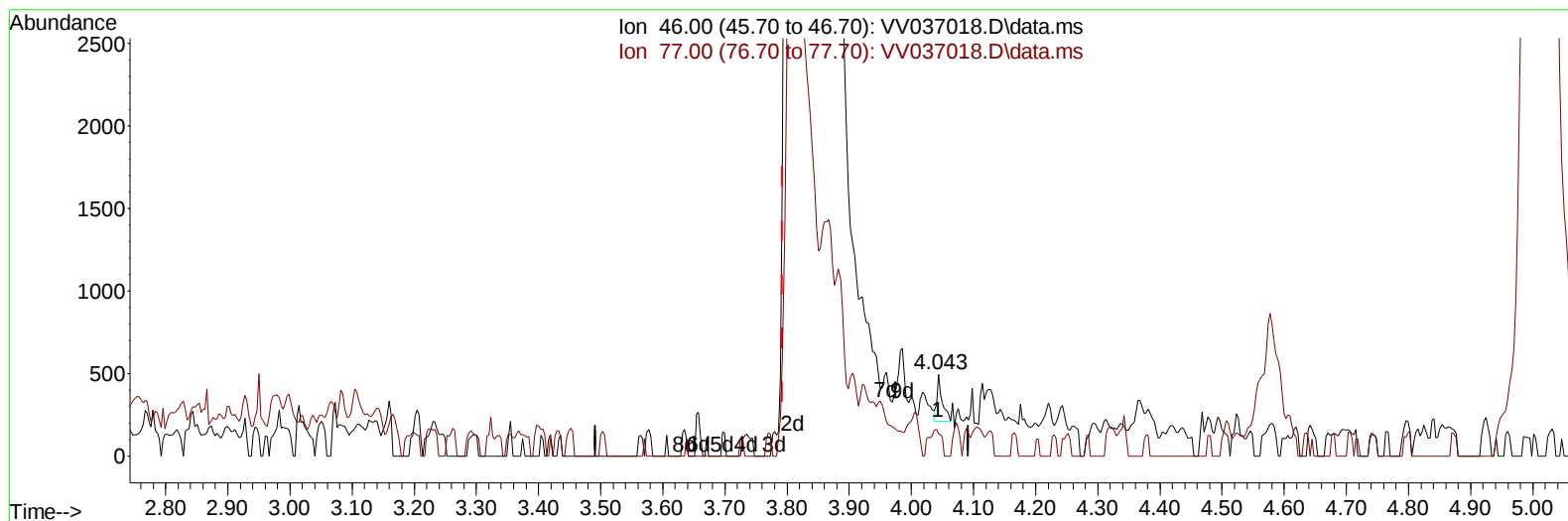
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

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Quant Time: Aug 27 01:05:28 2024
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Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration



TIC: VV037018.D\data.ms

(21) 2-Butanone-d5 (S)

4.043min (+ 0.251) 0.07 ug/L

response 168

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.60	21.43
0.00	0.00	0.00
0.00	0.00	0.00

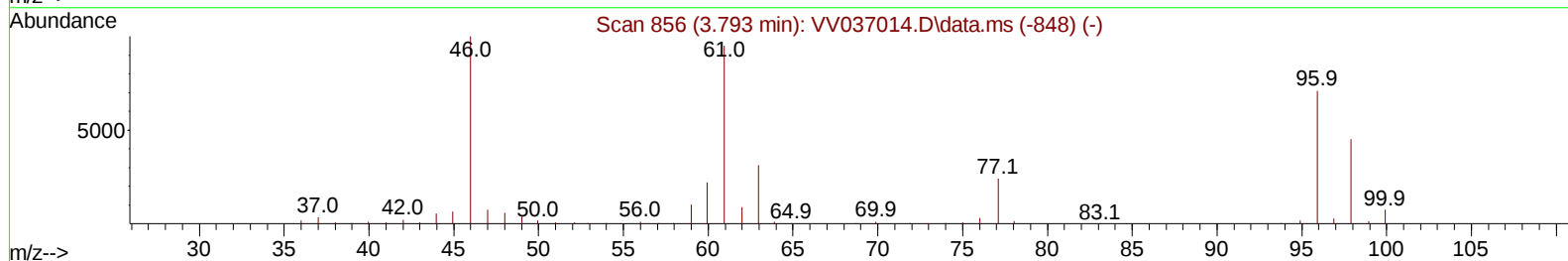
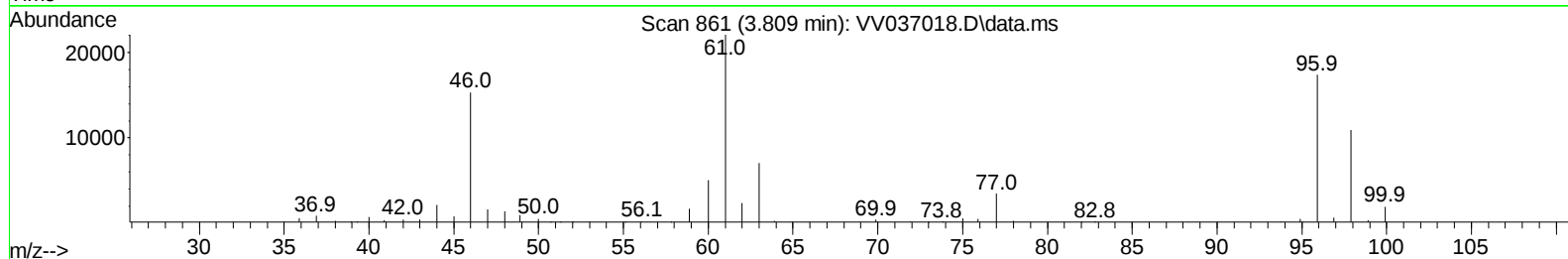
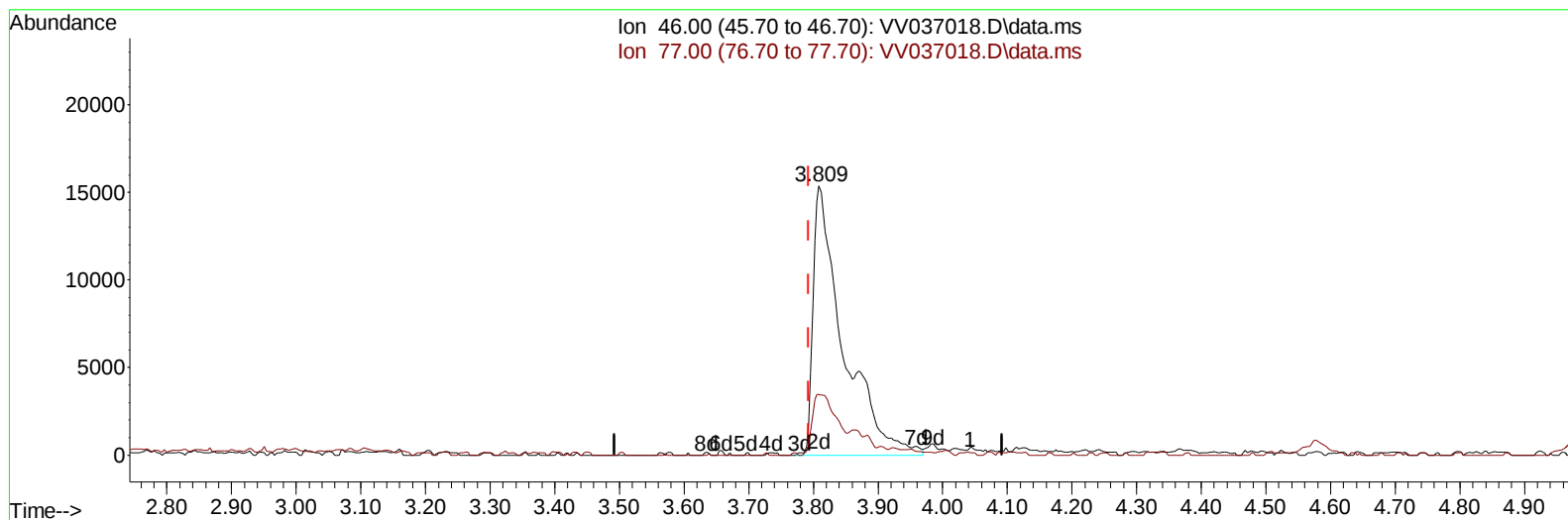
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

Quant Time: Aug 27 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(21) 2-Butanone-d5 (S)

3.809min (+ 0.016) 21.58 ug/L m

response 49634

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	20.60	0.07#
0.00	0.00	0.00
0.00	0.00	0.00

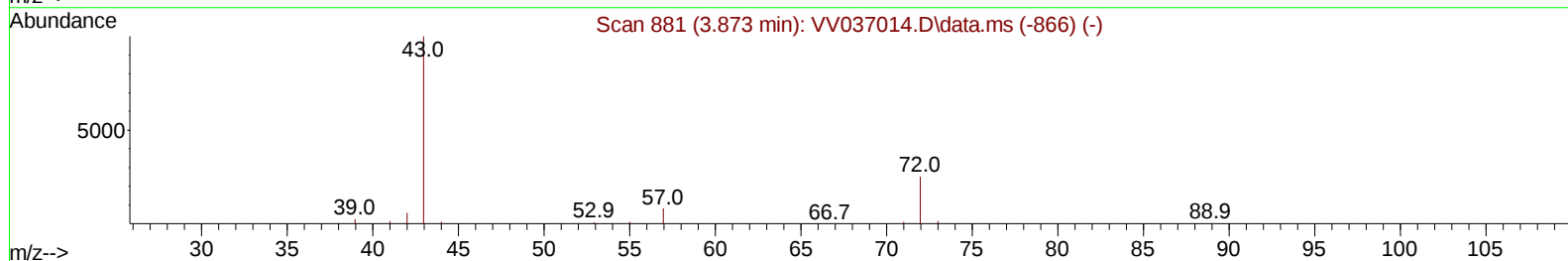
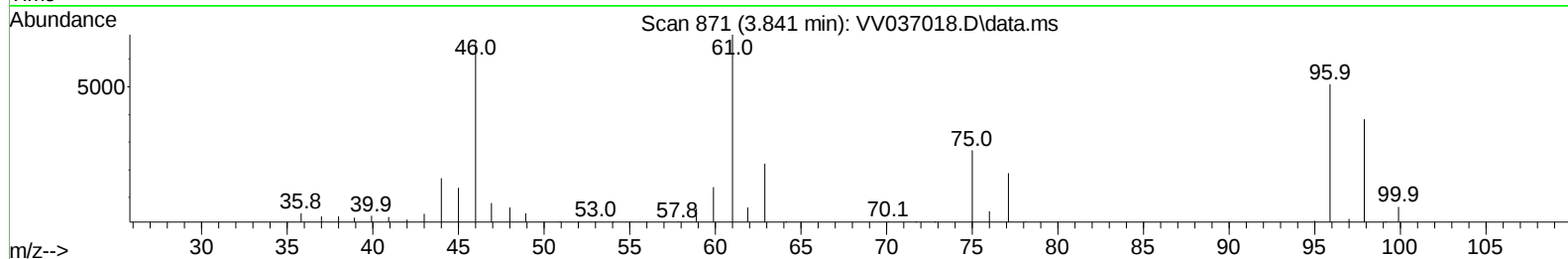
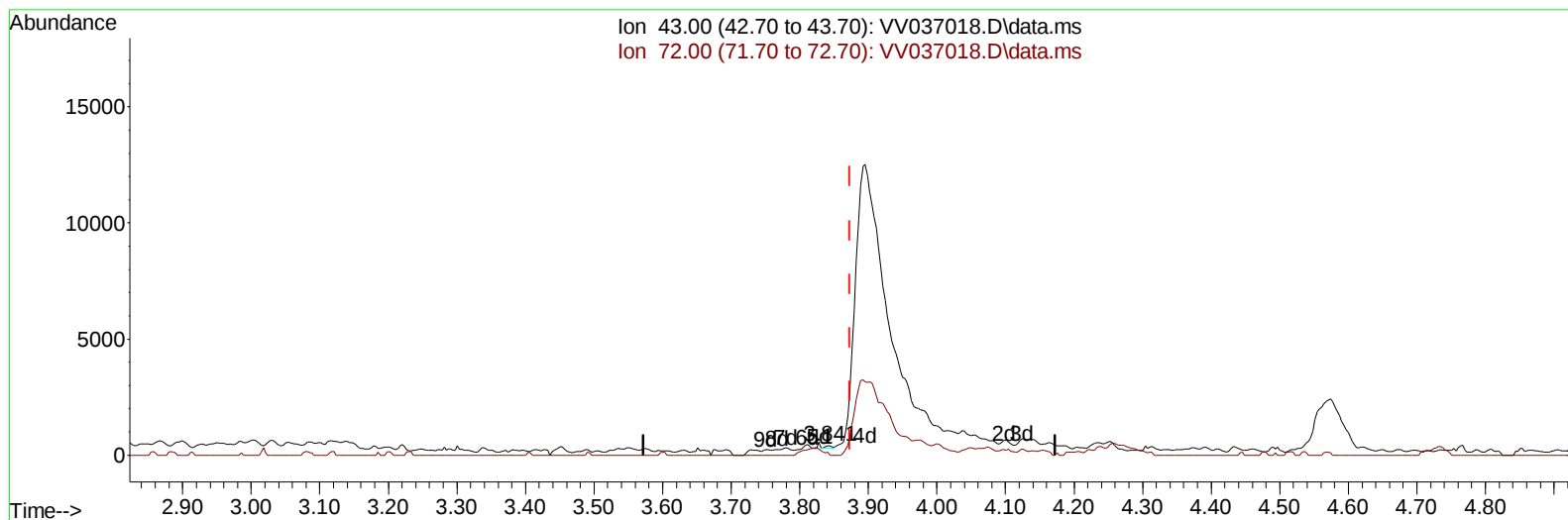
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037018.D
 Acq On : 26 Aug 2024 11:21
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(22) 2-Butanone (T)

3.841min (-0.032) 0.03 ug/L

response	96	
Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.30	23.96
0.00	0.00	0.00
0.00	0.00	0.00

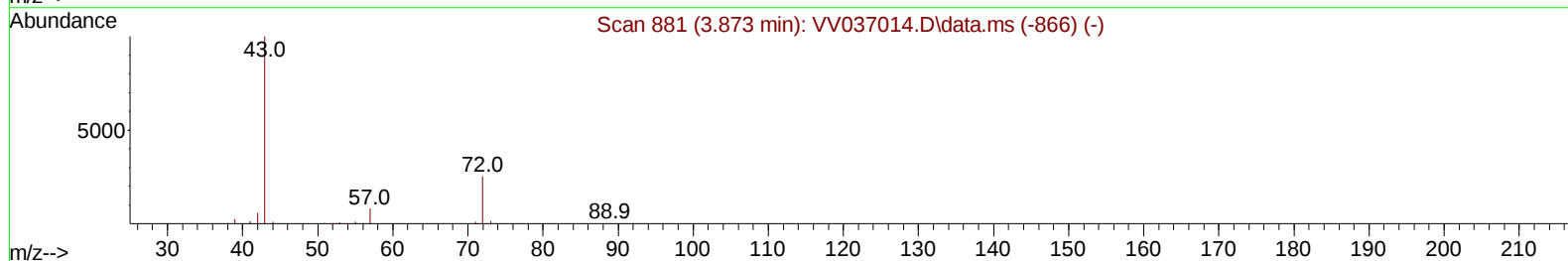
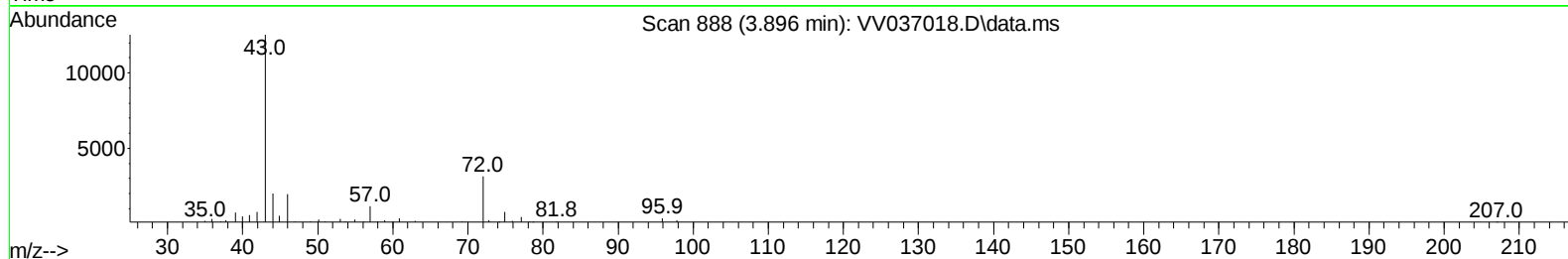
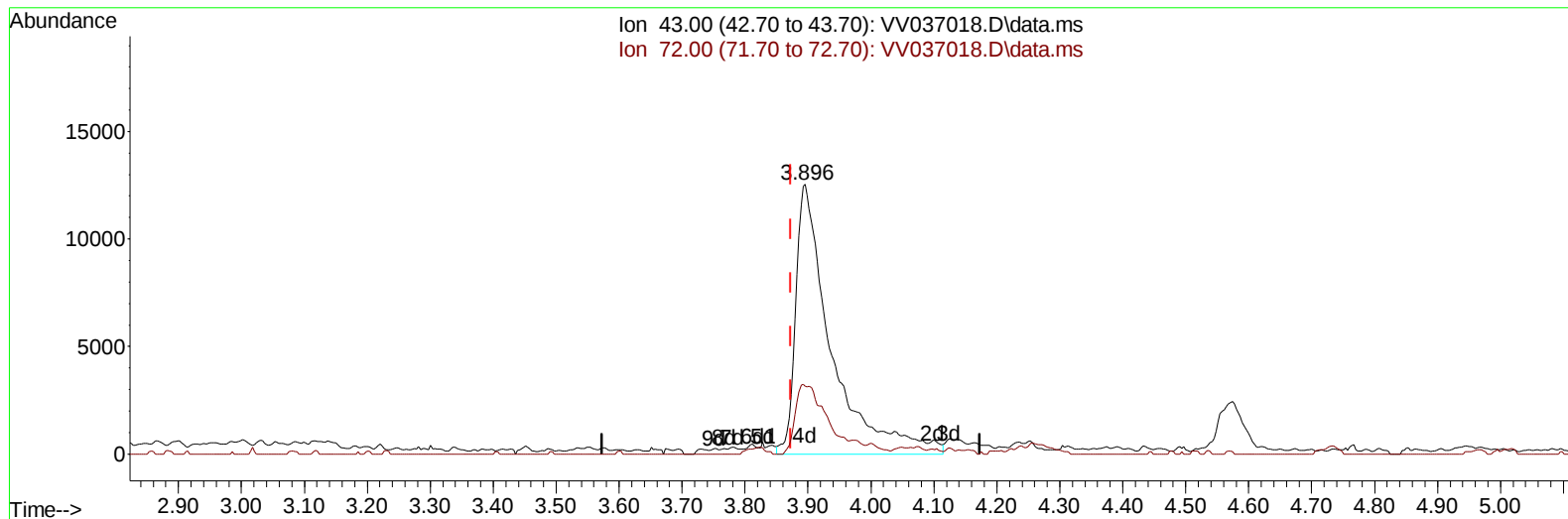
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 Data File : VV037018.D
 Acq On : 26 Aug 2024 11:21
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Aug 27 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
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 Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(22) 2-Butanone (T)

3.896min (+ 0.023) 17.76 ug/L m

response 48946

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.30	0.05#
0.00	0.00	0.00
0.00	0.00	0.00

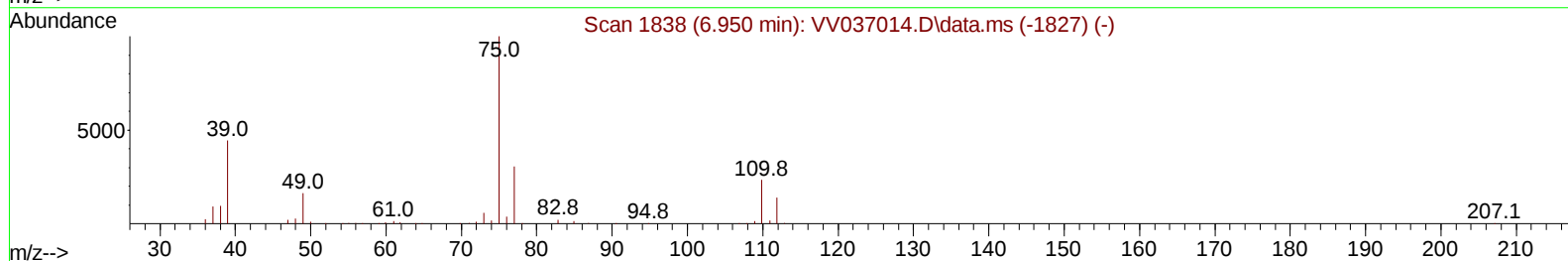
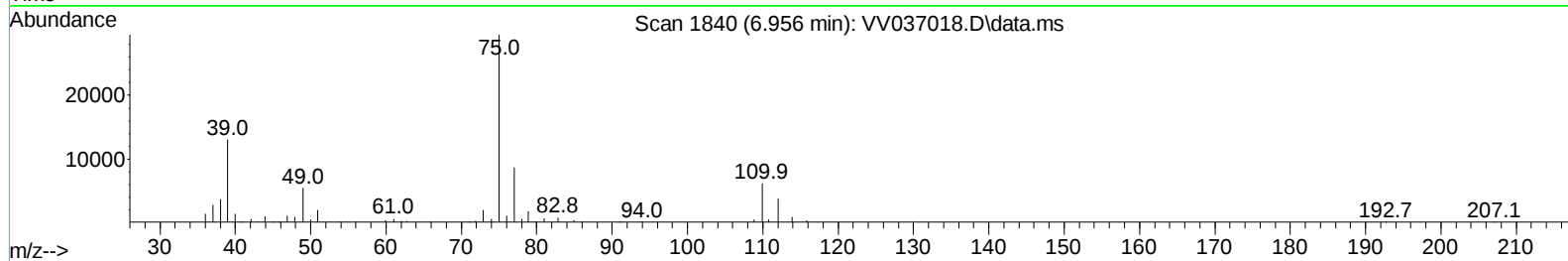
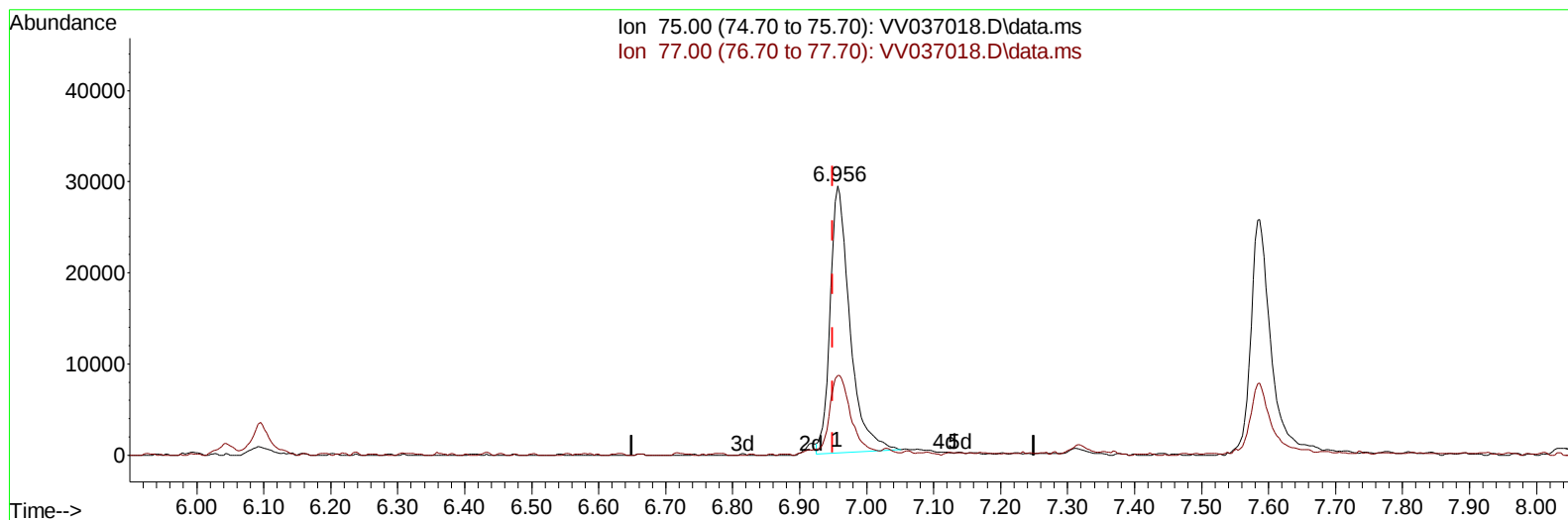
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

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Quant Time: Aug 27 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration



TIC: VV037018.D\data.ms

(39) cis-1,3-Dichloropropene (T)

6.956min (+ 0.006) 7.65 ug/L

response 59909

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.00	29.55
0.00	0.00	0.00
0.00	0.00	0.00

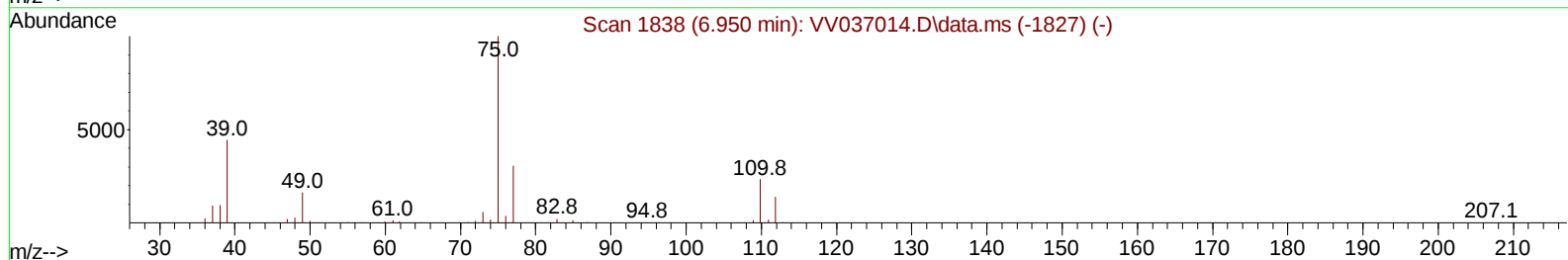
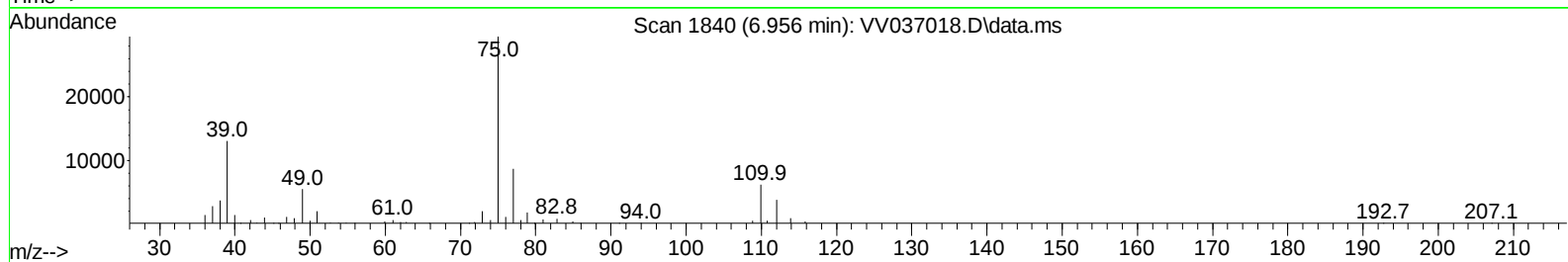
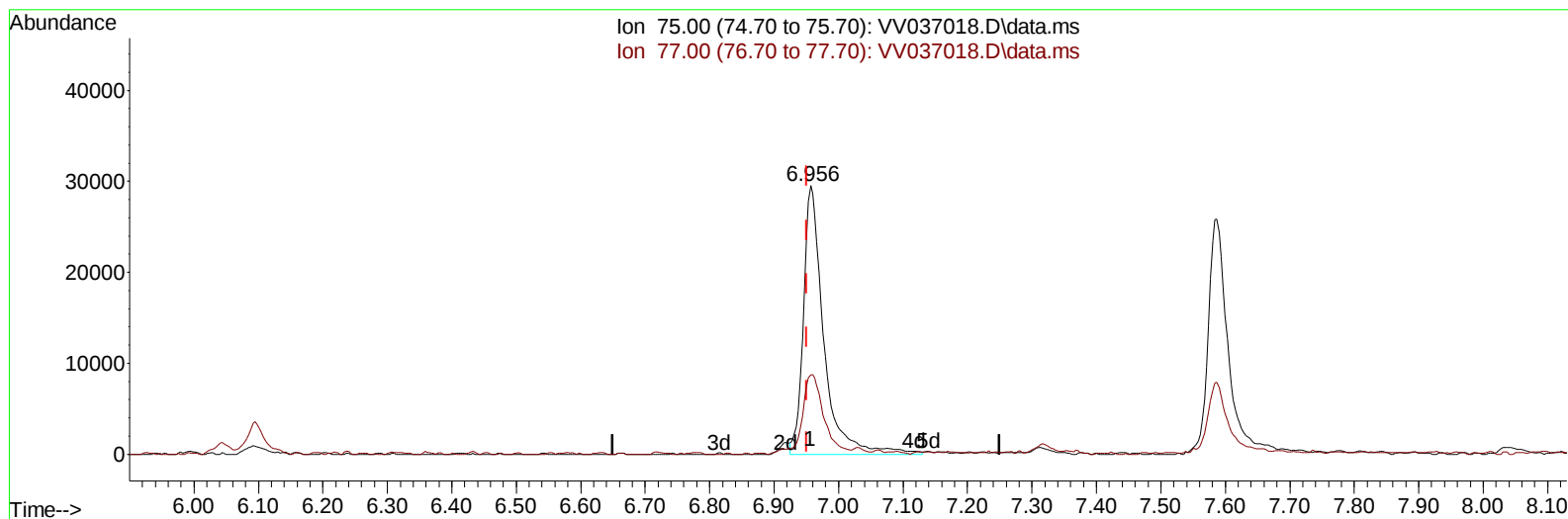
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Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration



TIC: VV037018.D\data.ms

(39) cis-1,3-Dichloropropene (T)

6.956min (+ 0.006) 8.29 ug/L m

response 64930

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.00	29.55
0.00	0.00	0.00
0.00	0.00	0.00

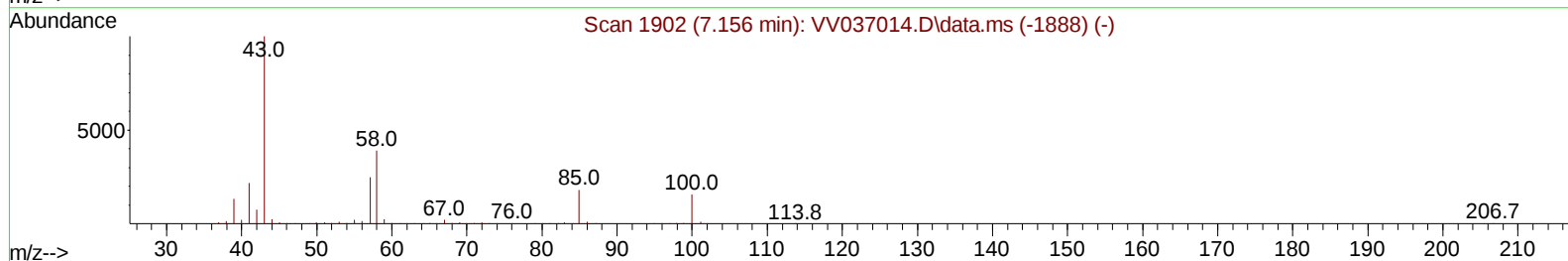
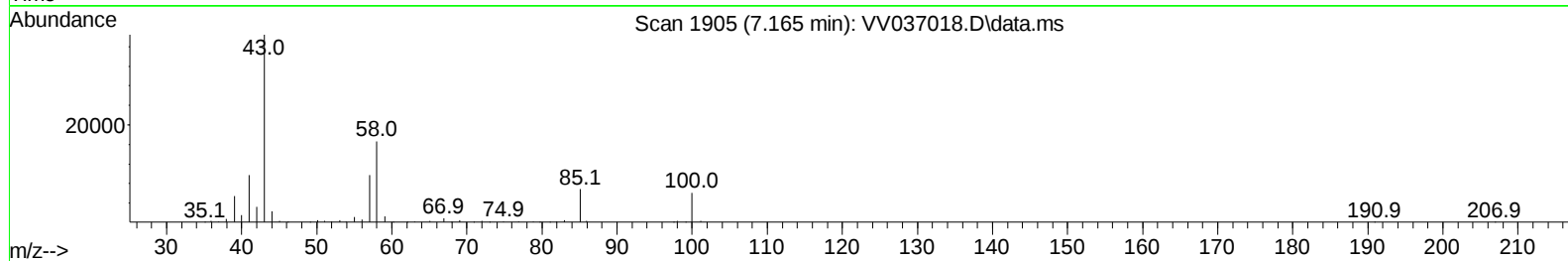
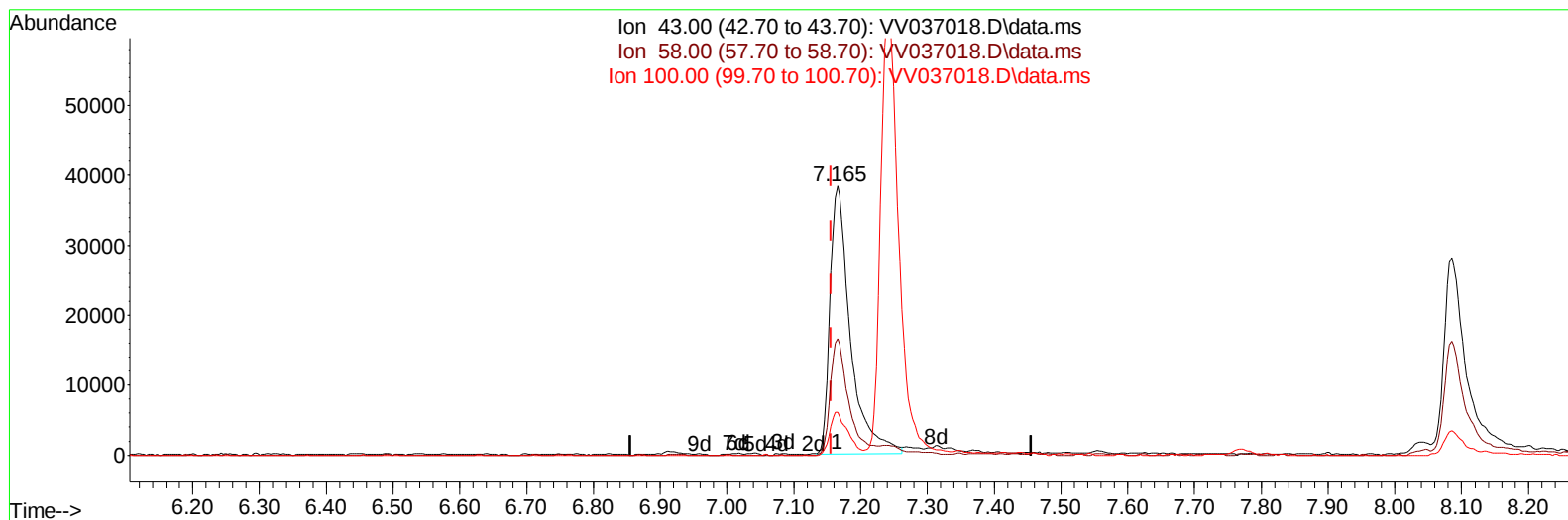
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: VV037018.D\data.ms

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

7.165min (+ 0.010) 16.38 ug/L

response 81323

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	40.00	39.69
100.00	15.50	14.12
0.00	0.00	0.00

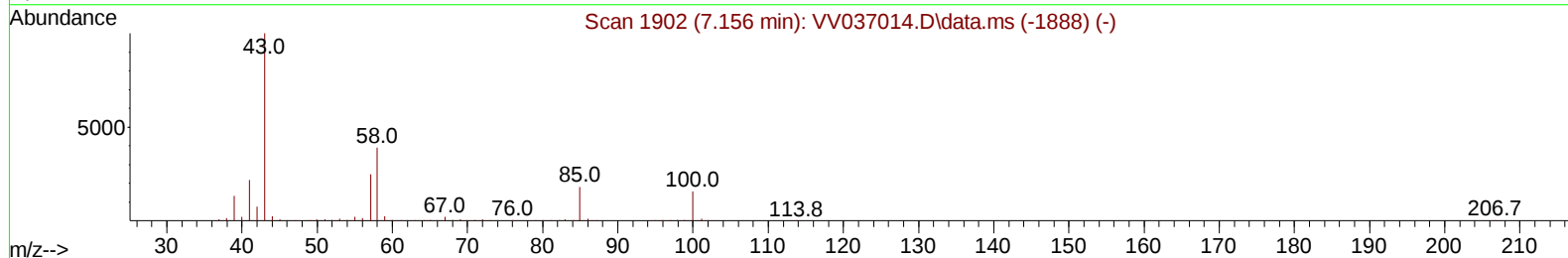
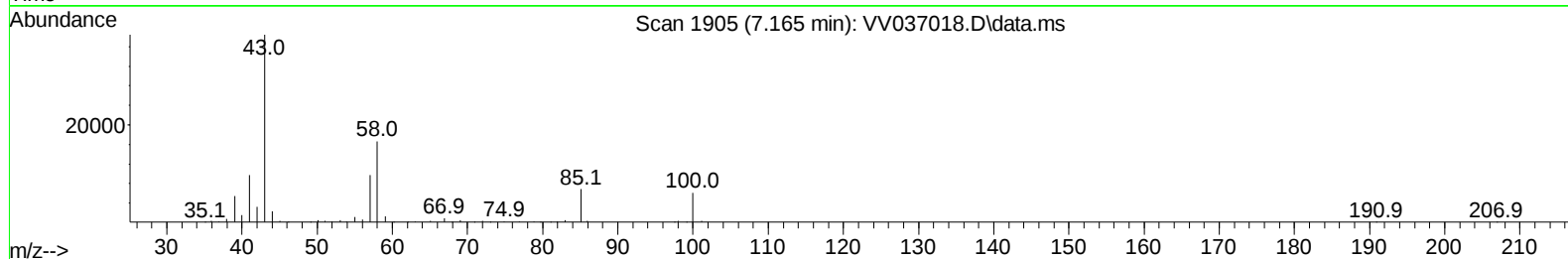
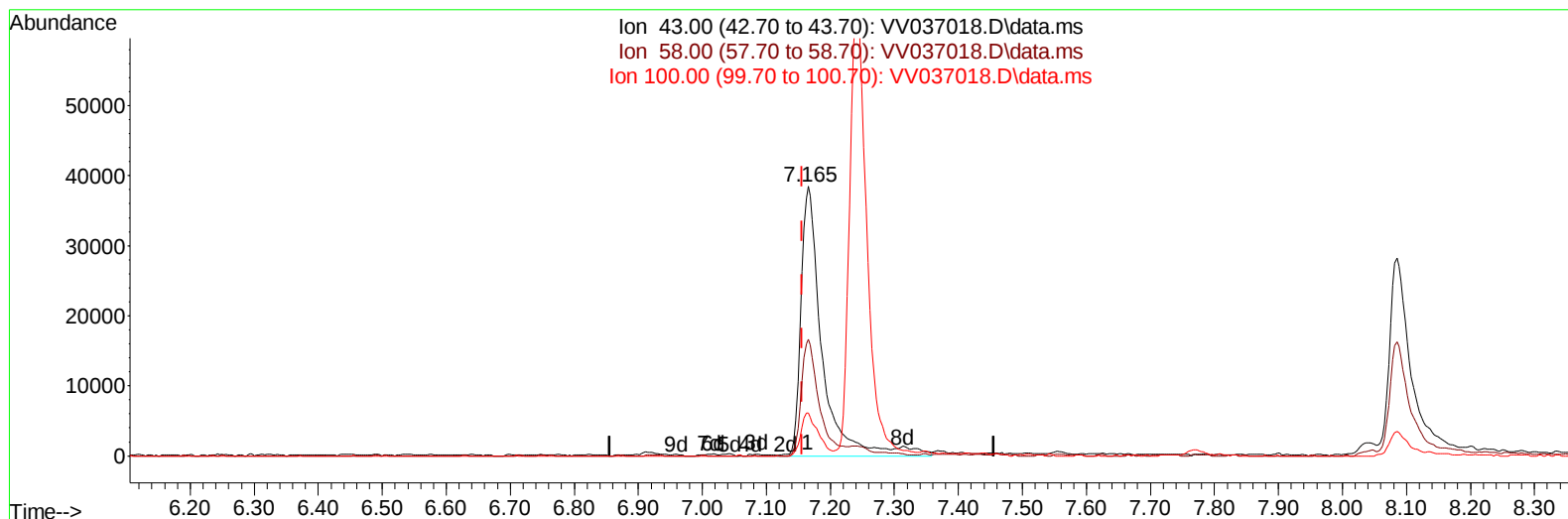
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Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration



TIC: VV037018.D\data.ms

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

7.165min (+ 0.010) 17.85 ug/L m

response 88645

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	40.00	36.41
100.00	15.50	12.95
0.00	0.00	0.00

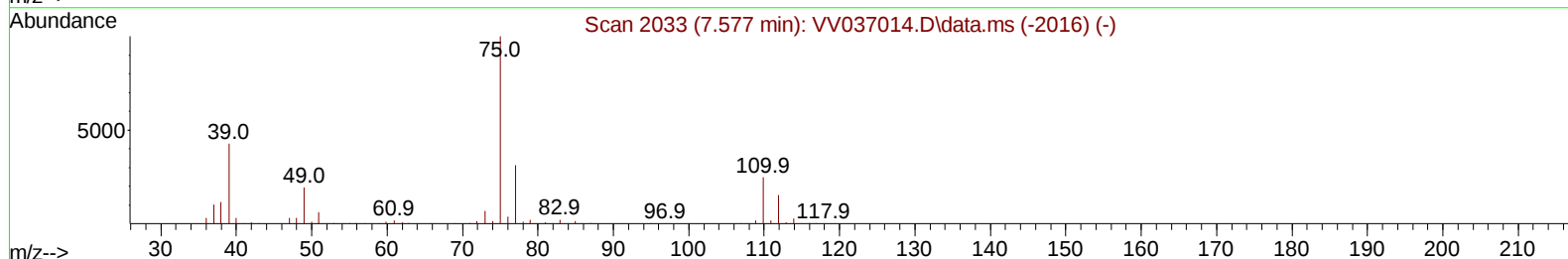
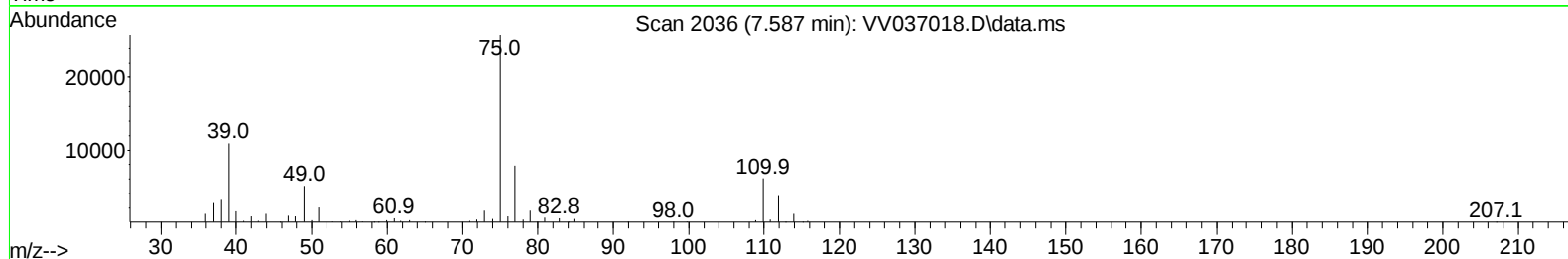
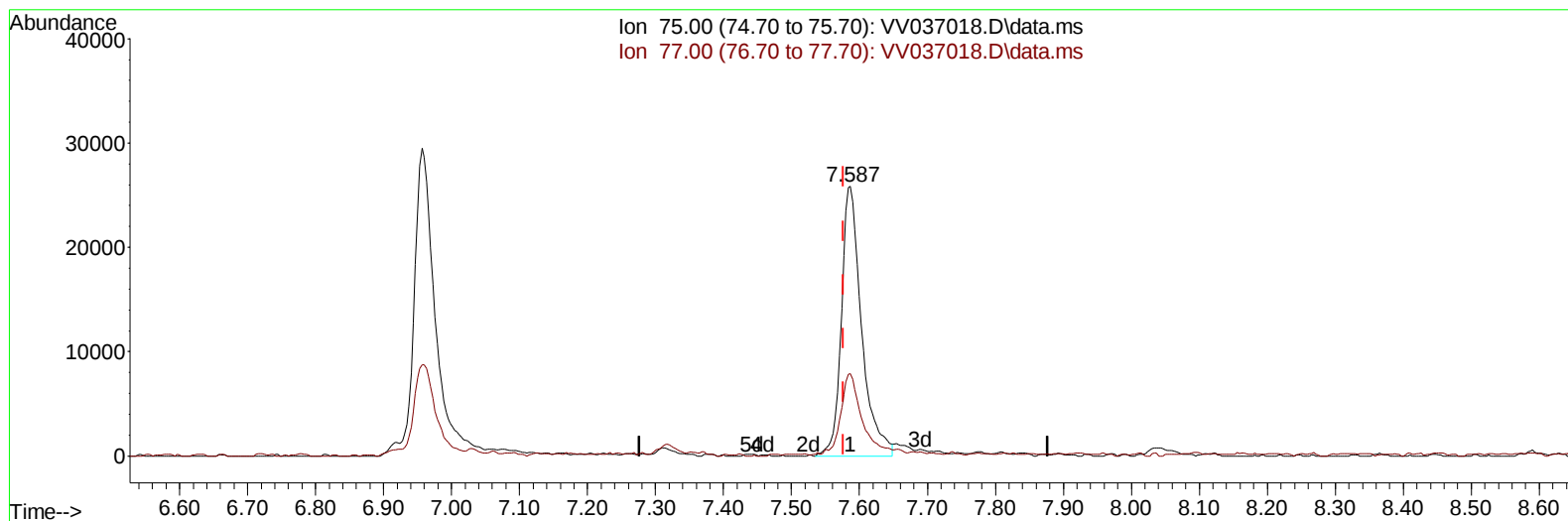
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Data File : VV037018.D
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Operator : SY/MD
Sample : VSTD01070
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV037018.D\data.ms

(44) trans-1,3-Dichloropropene (T)

7.587min (+ 0.010) 7.65 ug/L

response 53539

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.40	30.47
0.00	0.00	0.00
0.00	0.00	0.00

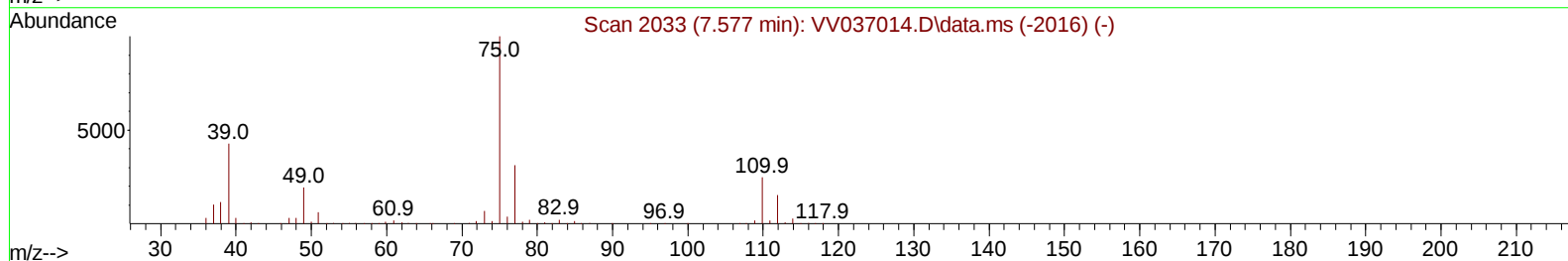
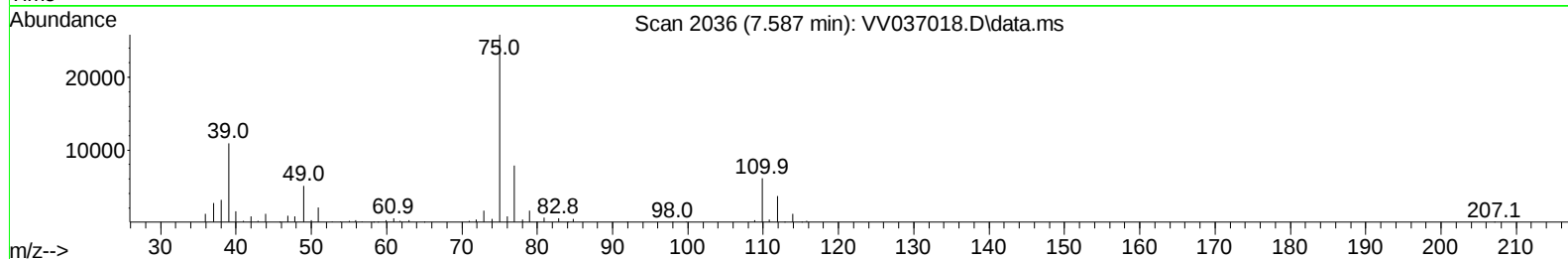
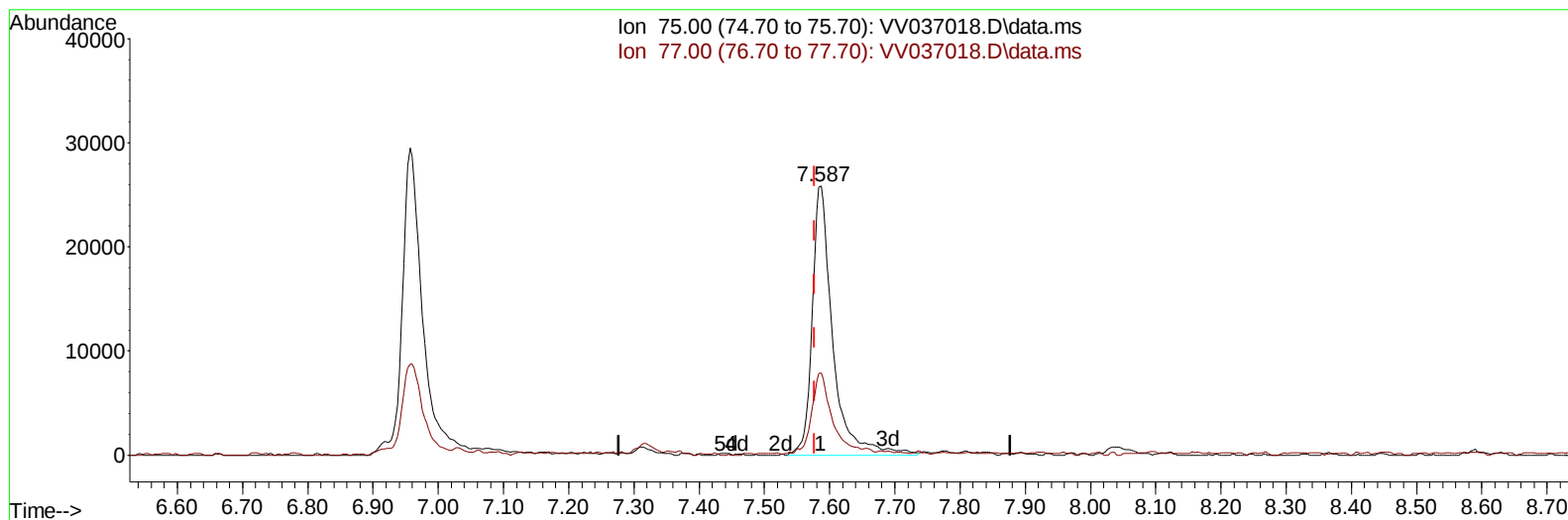
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

Quant Time: Aug 27 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(44) trans-1,3-Dichloropropene (T)

7.587min (+ 0.010) 8.11 ug/L m

response 56747

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.40	30.47
0.00	0.00	0.00
0.00	0.00	0.00

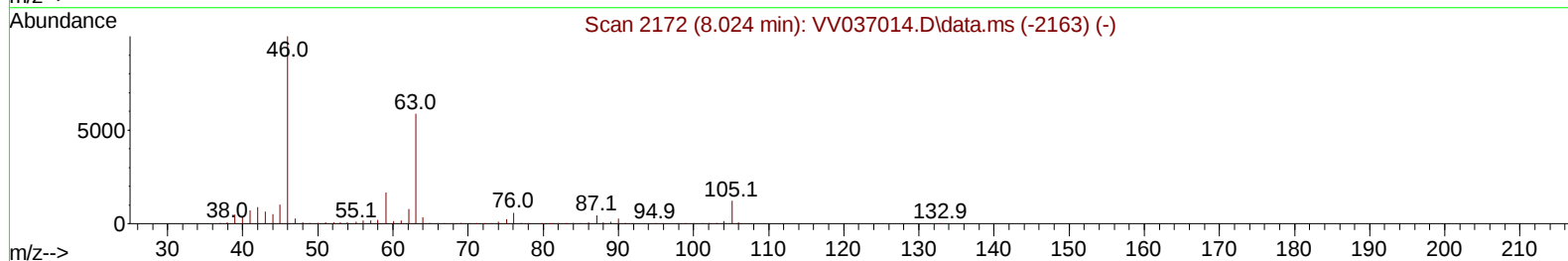
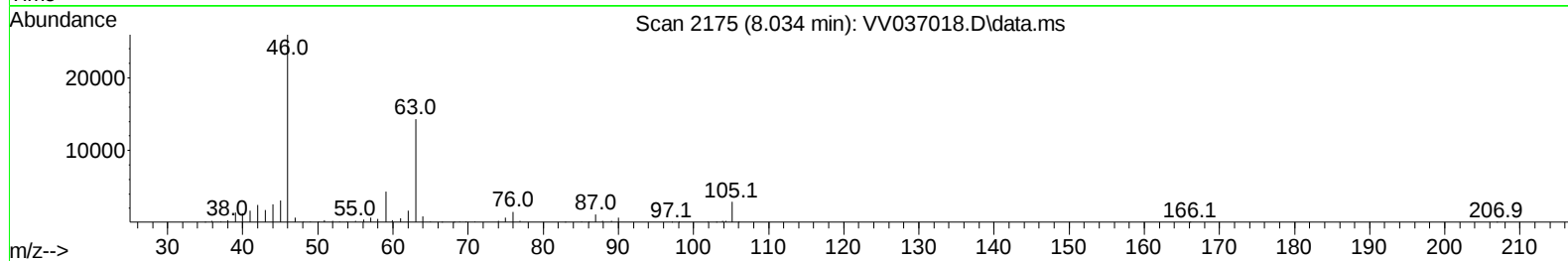
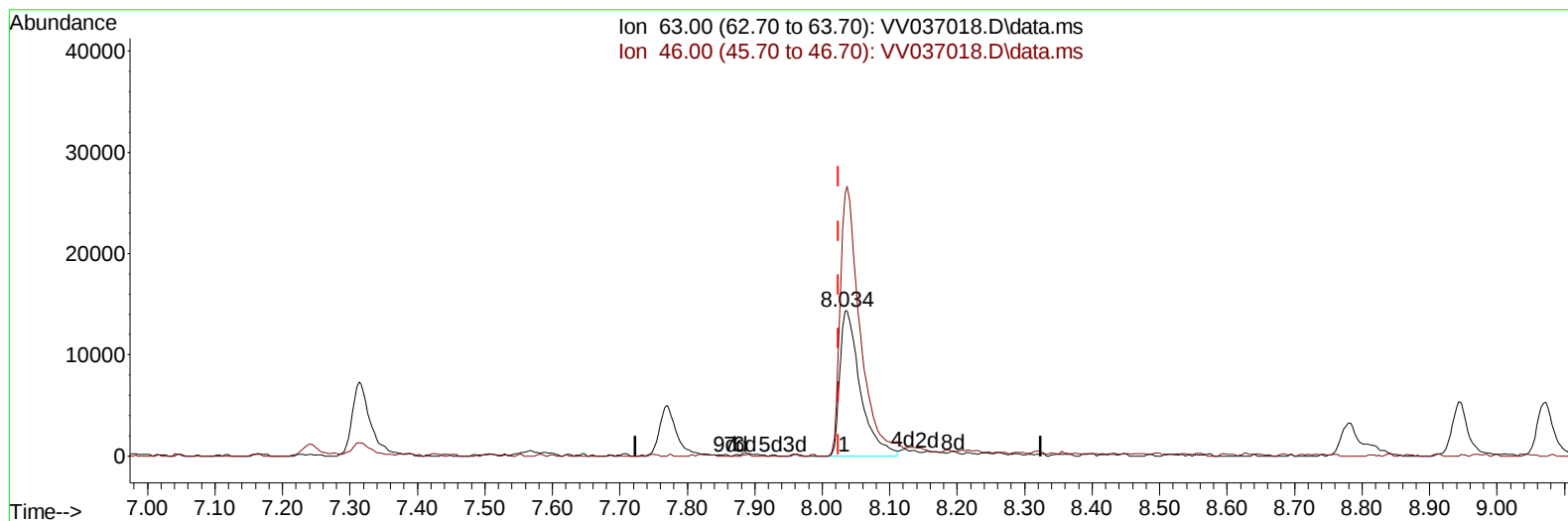
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV037018.D\data.ms

(47) 2-Hexanone-d5 (S)**8.034min (+ 0.010) 18.52 ug/L****response 30006**

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	174.90	179.16
0.00	0.00	0.00
0.00	0.00	0.00

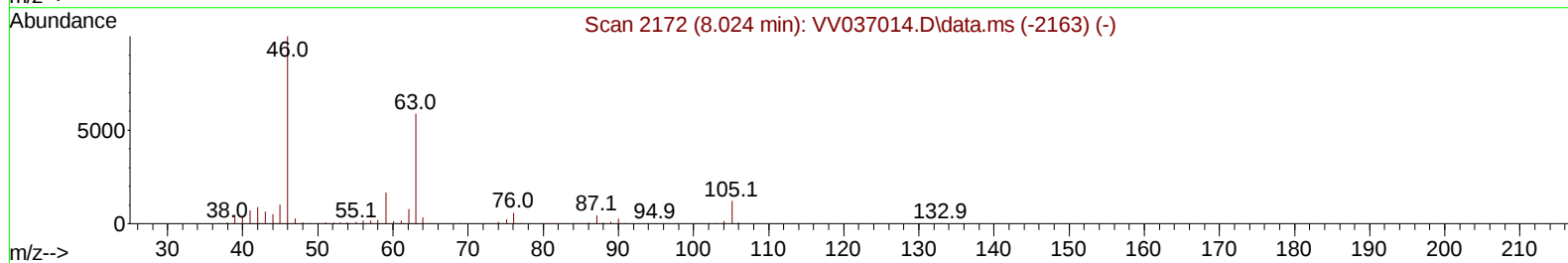
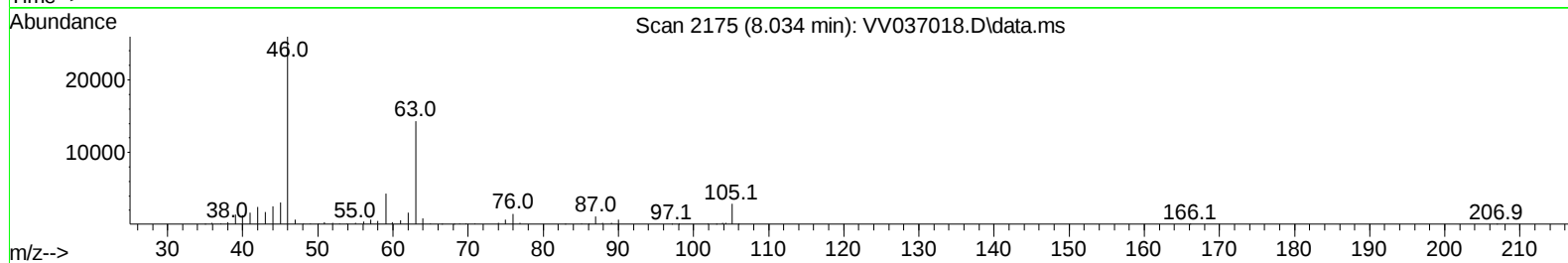
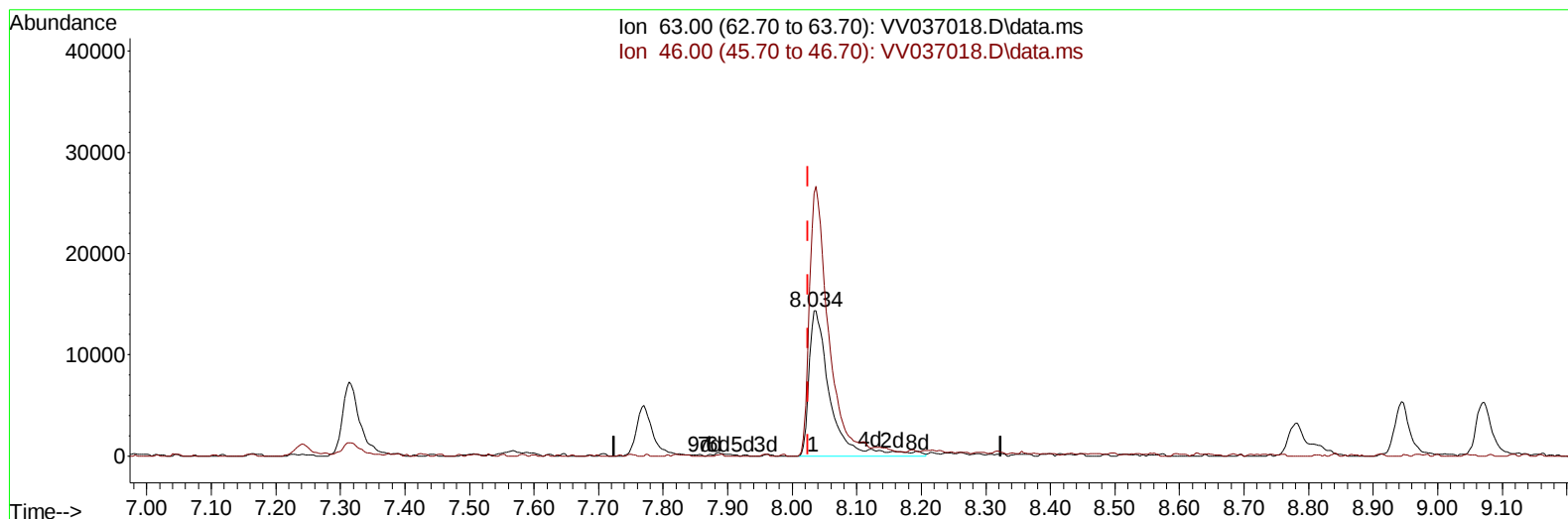
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
Data File : VV037018.D
Acq On : 26 Aug 2024 11:21
Operator : SY/MD
Sample : VSTD01070
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010270

Manual IntegrationsAPPROVED

Quant Time: Aug 27 01:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 27 01:02:05 2024
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(47) 2-Hexanone-d5 (S)

8.034min (+ 0.010) 20.03 ug/L m

response 32461

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	174.90	165.61
0.00	0.00	0.00
0.00	0.00	0.00

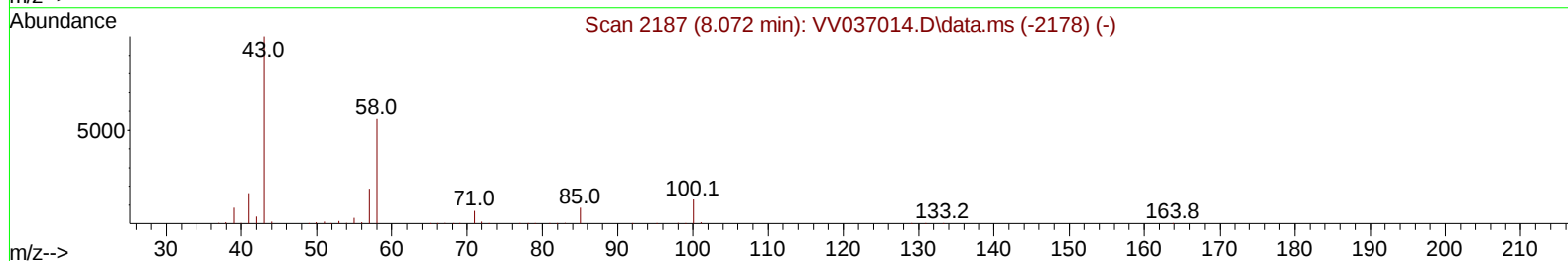
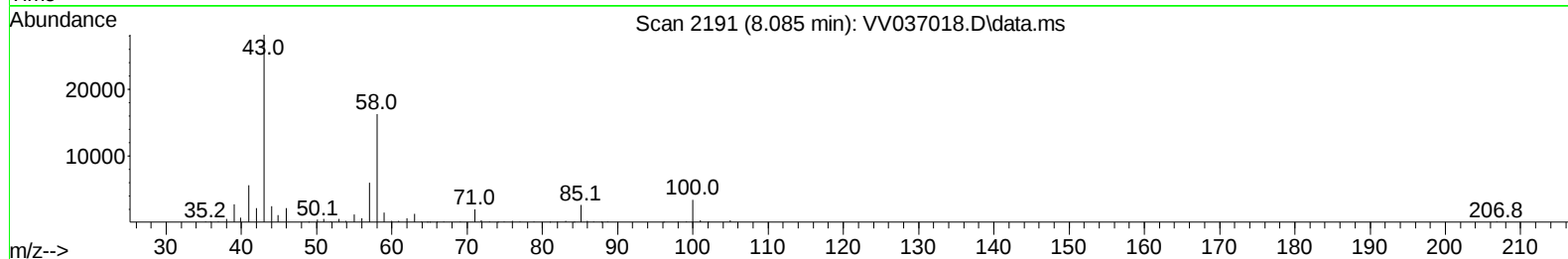
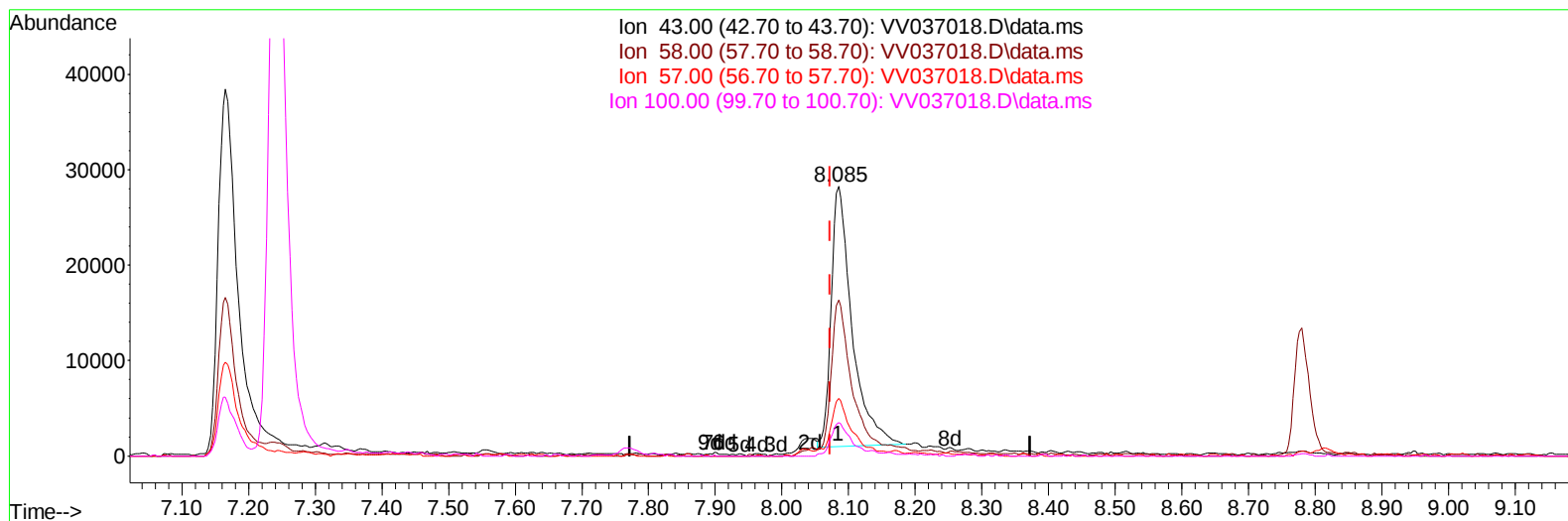
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037018.D
 Acq On : 26 Aug 2024 11:21
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010270

Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/27/2024
 Supervised By :Mahesh Dadoda 08/28/2024



TIC: VV037018.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.013) 15.47 ug/L

response 59318

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	57.50	60.09
57.00	19.50	16.48
100.00	13.30	12.05

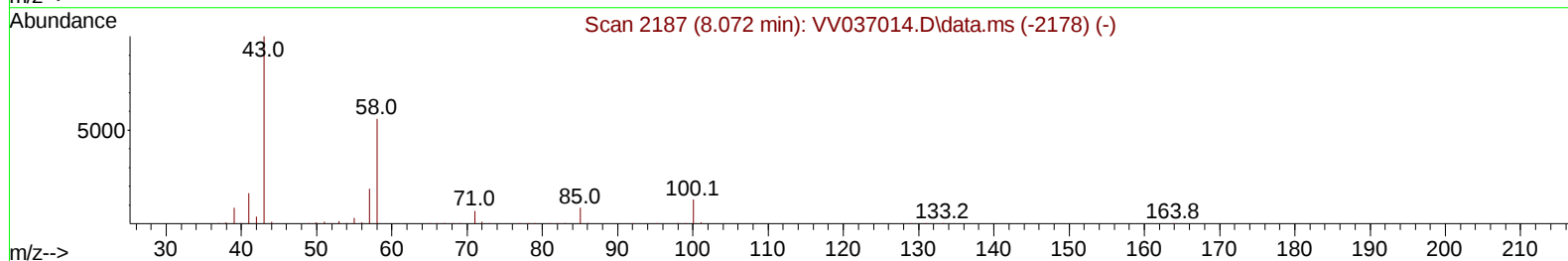
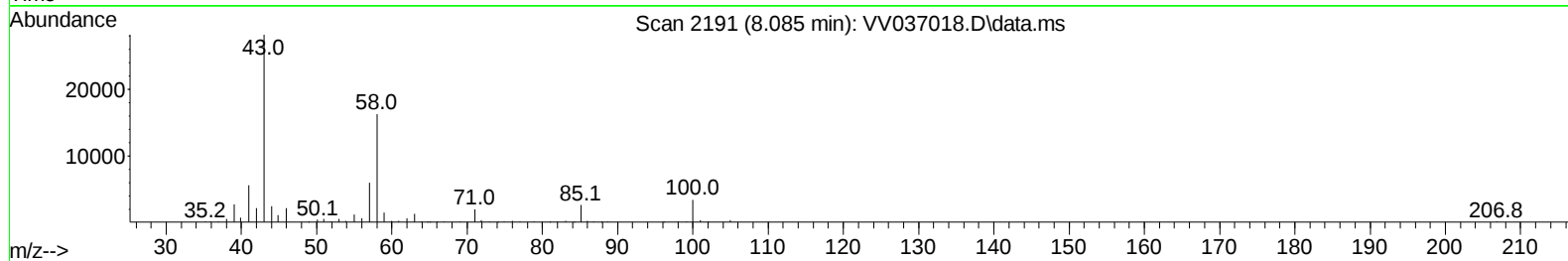
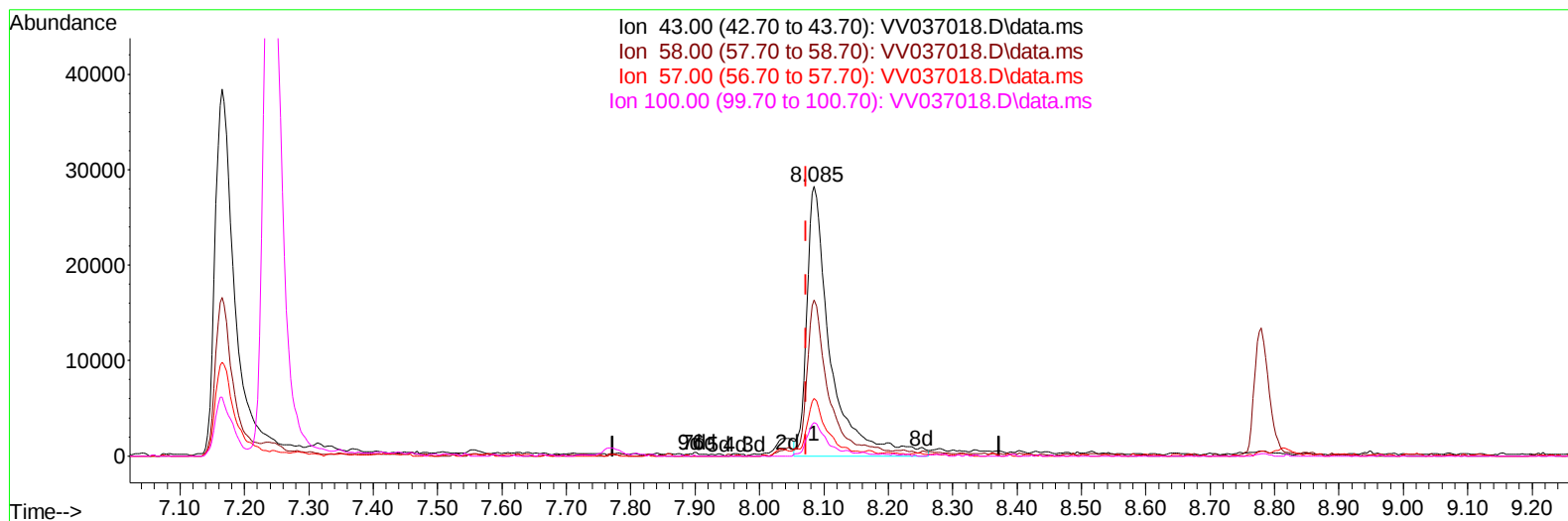
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037018.D
 Acq On : 26 Aug 2024 11:21
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
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TIC: VV037018.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.013) 18.85 ug/L m

response 72319

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	57.50	49.28
57.00	19.50	13.52#
100.00	13.30	9.88#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037018.D
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Instrument :
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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	684263	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	649723	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	321620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64803	10.353	ug/L	0.00
7) Chloroethane-d5	1.532	69	50385	10.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	27761	10.552	ug/L	0.00
21) 2-Butanone-d5	3.809	46	49634m	21.578	ug/L	0.02
24) Chloroform-d	4.246	84	96794	9.881	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	62700	10.163	ug/L	0.00
32) Benzene-d6	4.957	84	204462	10.419	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	63018	10.253	ug/L	0.00
41) Toluene-d8	7.243	98	182382	10.298	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	26636	9.367	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	32461m	20.032	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	77072	10.339	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	68314	10.605	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	50605	8.752	ug/L	99
3) Chloromethane	1.217	50	55639	8.556	ug/L	97
5) Vinyl chloride	1.281	62	51479	8.433	ug/L	98
6) Bromomethane	1.487	94	30950	9.048	ug/L	97
8) Chloroethane	1.548	64	31688	8.486	ug/L	98
9) Trichlorofluoromethane	1.712	101	69430	8.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	41869	8.836	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38923	8.719	ug/L	87
13) Acetone	2.114	43	47689m	18.800	ug/L	
14) Carbon disulfide	2.240	76	123587	9.119	ug/L	98
15) Methyl Acetate	2.375	43	37476	8.599	ug/L	95
16) Methylene chloride	2.445	84	44212	8.778	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	40885	8.822	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	124381	8.532	ug/L	98
19) 1,1-Dichloroethane	3.108	63	78302	8.508	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	44330	8.657	ug/L	98
22) 2-Butanone	3.896	43	48946m	17.757	ug/L	
23) Bromochloromethane	4.150	128	21813	8.677	ug/L	92
25) Chloroform	4.275	83	81700	8.765	ug/L	99
27) 1,2-Dichloroethane	5.043	62	57675	8.481	ug/L	96
29) Cyclohexane	4.574	56	65651	8.594	ug/L	97
30) 1,1,1-Trichloroethane	4.510	97	64846	8.674	ug/L	99
31) Carbon tetrachloride	4.728	117	52479	8.319	ug/L	98
33) Benzene	5.008	78	163808	8.736	ug/L	100
34) Trichloroethene	5.834	95	43791	8.848	ug/L	99
35) Methylcyclohexane	6.043	83	69213	8.683	ug/L	99
37) 1,2-Dichloropropane	6.095	63	42147	8.375	ug/L	100
38) Bromodichloromethane	6.432	83	53629	8.324	ug/L	98
39) cis-1,3-Dichloropropene	6.956	75	64930m	8.294	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	88645m	17.852	ug/L	
42) Toluene	7.313	91	164235	8.413	ug/L	97

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Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 01:05:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.587	75	56747m	8.110	ug/L	
45) 1,1,2-Trichloroethane	7.770	97	40906	8.742	ug/L	99
46) Tetrachloroethene	7.902	164	30916	8.706	ug/L	95
48) 2-Hexanone	8.085	43	72319m	18.855	ug/L	
49) Dibromochloromethane	8.175	129	37533	8.010	ug/L	99
50) 1,2-Dibromoethane	8.284	107	38773	8.188	ug/L	91
51) Chlorobenzene	8.812	112	113725	8.799	ug/L	99
52) Ethylbenzene	8.944	91	186846	8.473	ug/L	98
53) m,p-Xylene	9.072	106	68219	8.350	ug/L	98
54) o-Xylene	9.474	106	66358	8.295	ug/L	98
55) Styrene	9.497	104	112158	8.131	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	60559	8.738	ug/L	98
59) Bromoform	9.661	173	23492	7.836	ug/L	98
60) Isopropylbenzene	9.863	105	177051	8.492	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	44764	8.947	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	139443	8.174	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	141840	8.332	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	85348	8.865	ug/L	97
65) 1,4-Dichlorobenzene	11.204	146	89004	9.032	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	83521	8.823	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	10443	8.370	ug/L	84
69) 1,3,5-Trichlorobenzene	12.580	180	59757	8.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	55828	8.850	ug/L	96
71) Naphthalene	13.435	128	178386	9.793	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	56560	9.098	ug/L	96

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

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024
Supervised By :Mahesh Dadoda 08/28/2024

