

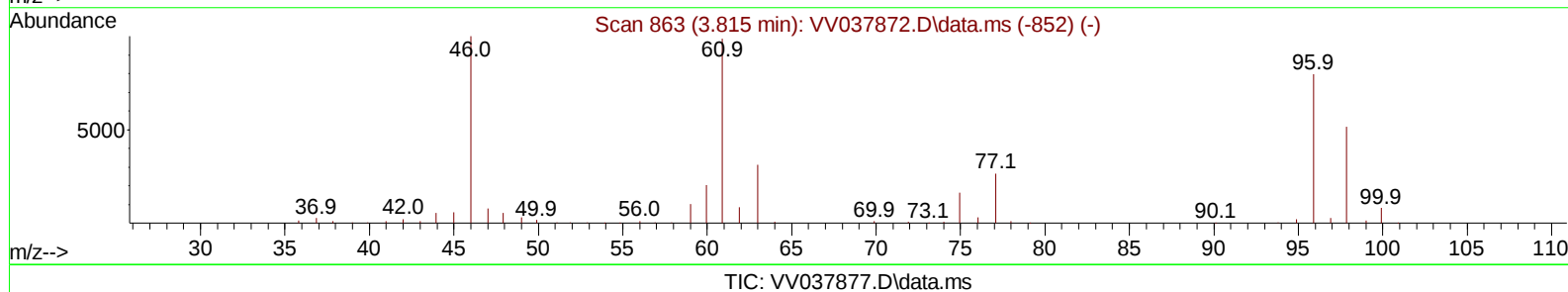
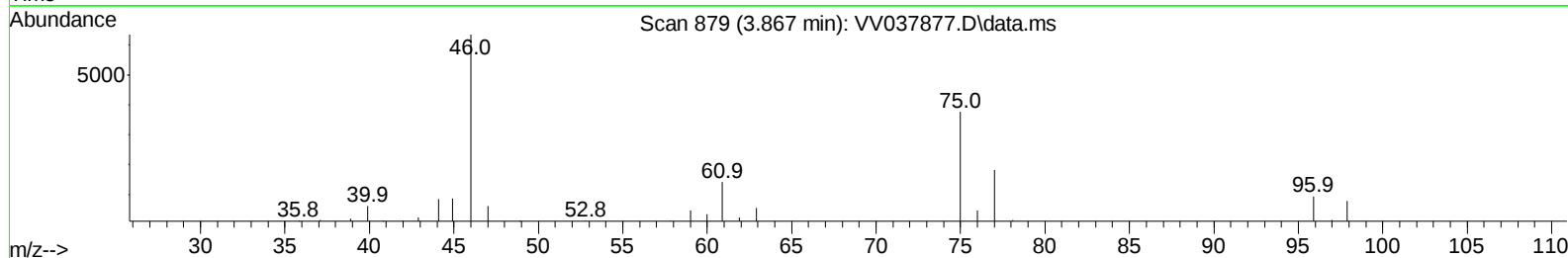
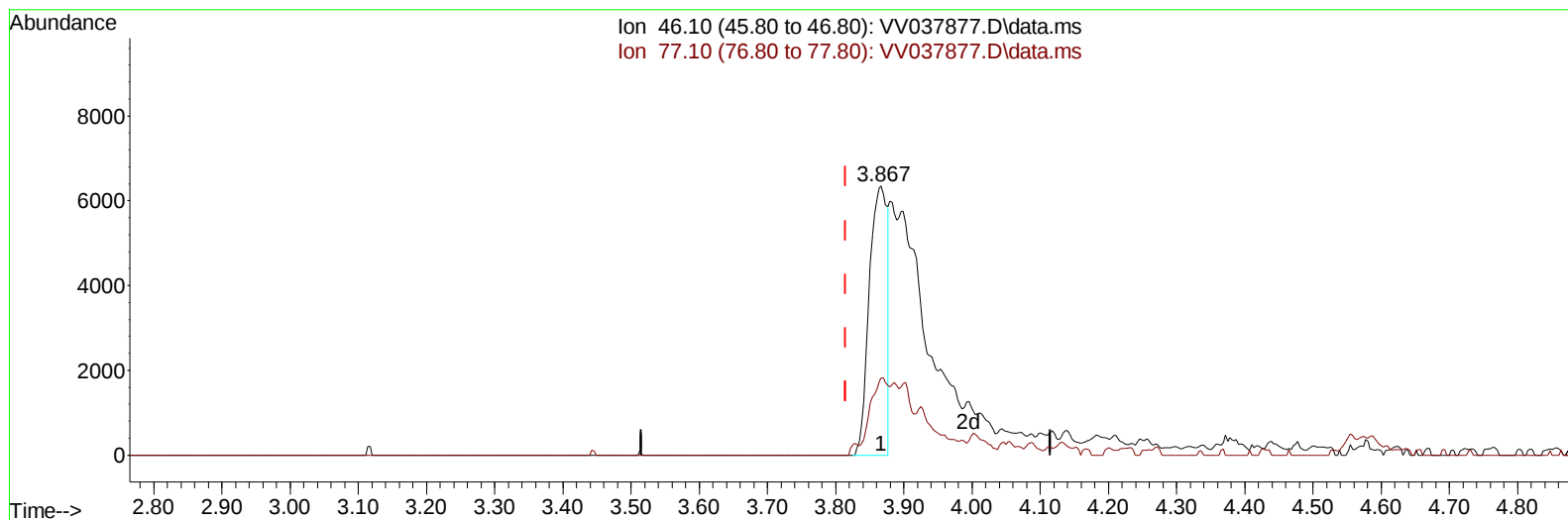
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037877.D
 Acq On : 16 Oct 2024 15:28
 Operator : SY/MD
 Sample : VSTD00180
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001280

Manual IntegrationsAPPROVED

Quant Time: Oct 17 02:22:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024



(20) 2-Butanone-d5 (S)

3.867min (+ 0.052) 2.50 ug/L

response 11584

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	27.40	24.72
0.00	0.00	0.00
0.00	0.00	0.00

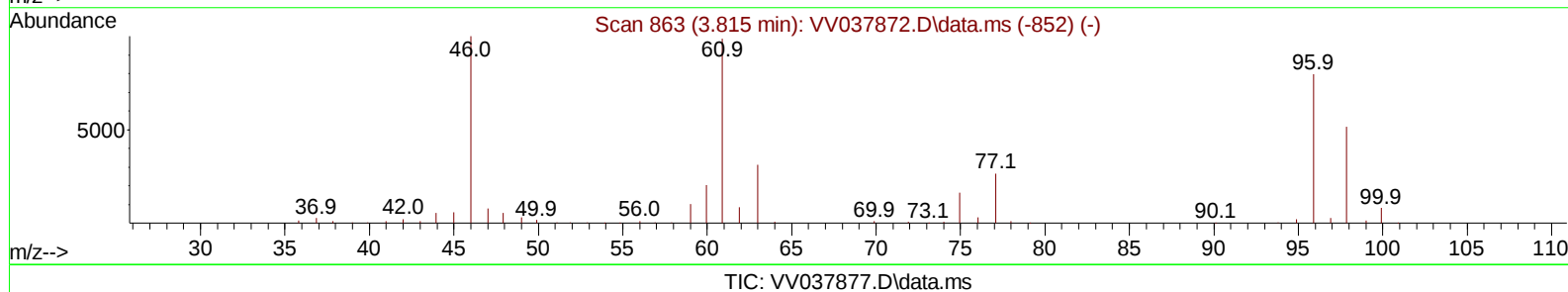
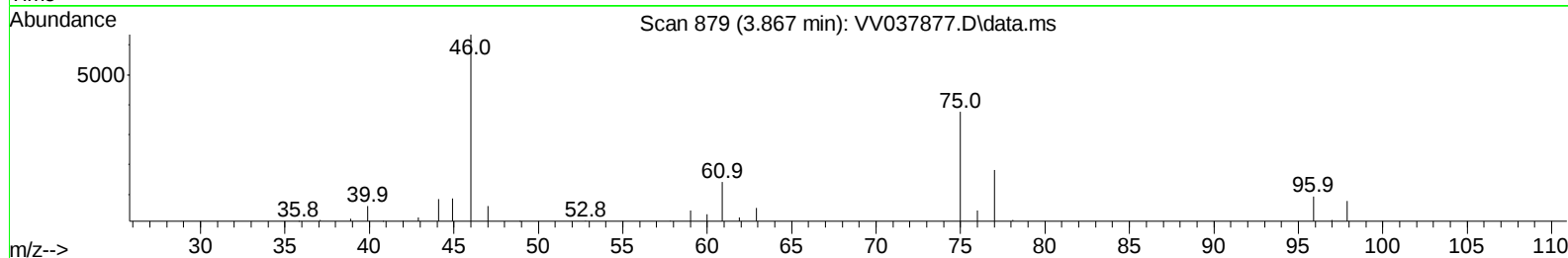
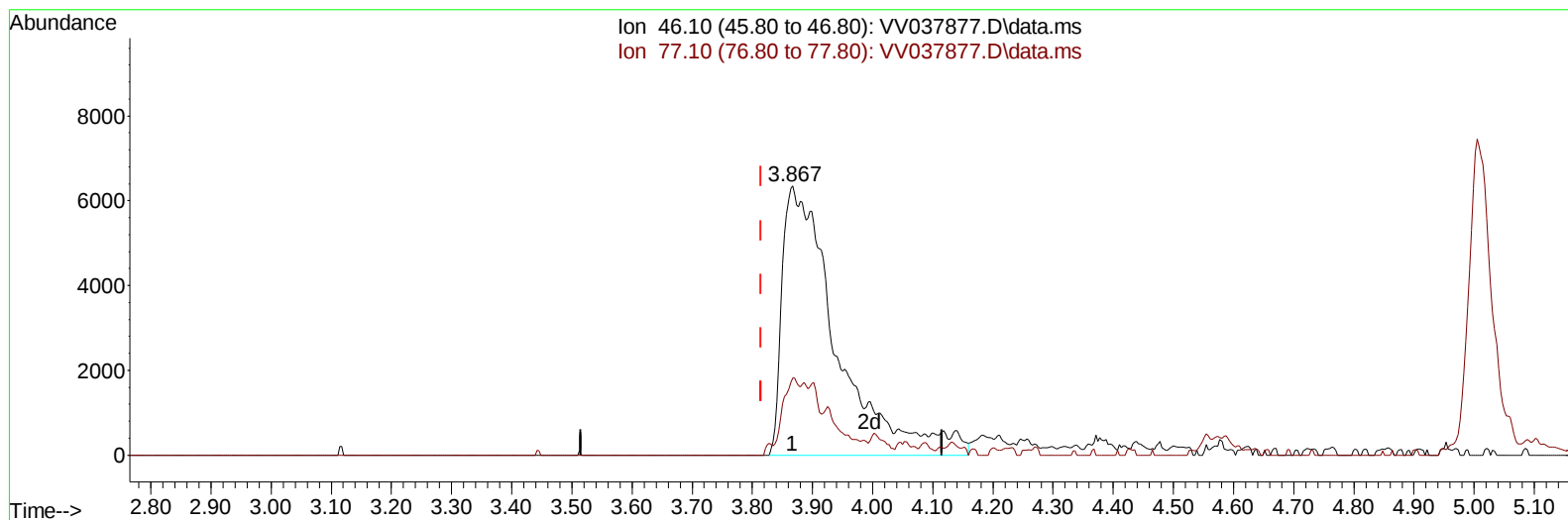
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Data File : VV037877.D
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Manual IntegrationsAPPROVED

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



(20) 2-Butanone-d5 (S)

3.867min (+ 0.052) 8.64 ug/L m

response 39961

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	27.40	7.17#
0.00	0.00	0.00
0.00	0.00	0.00

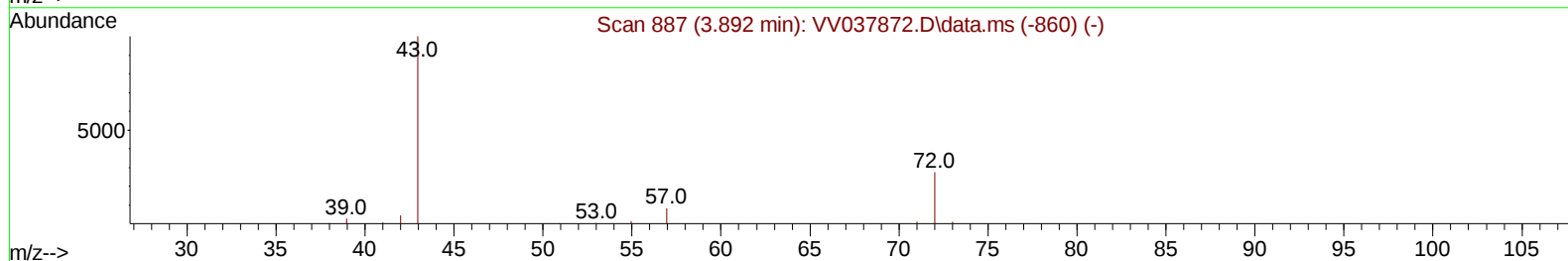
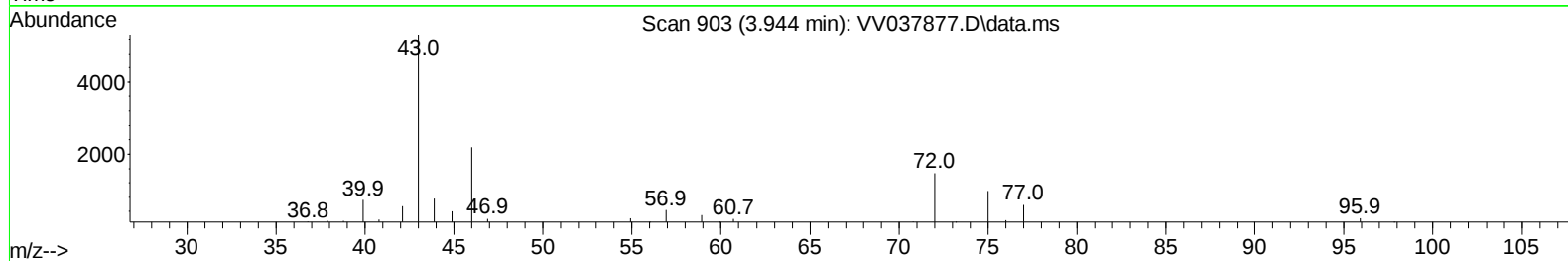
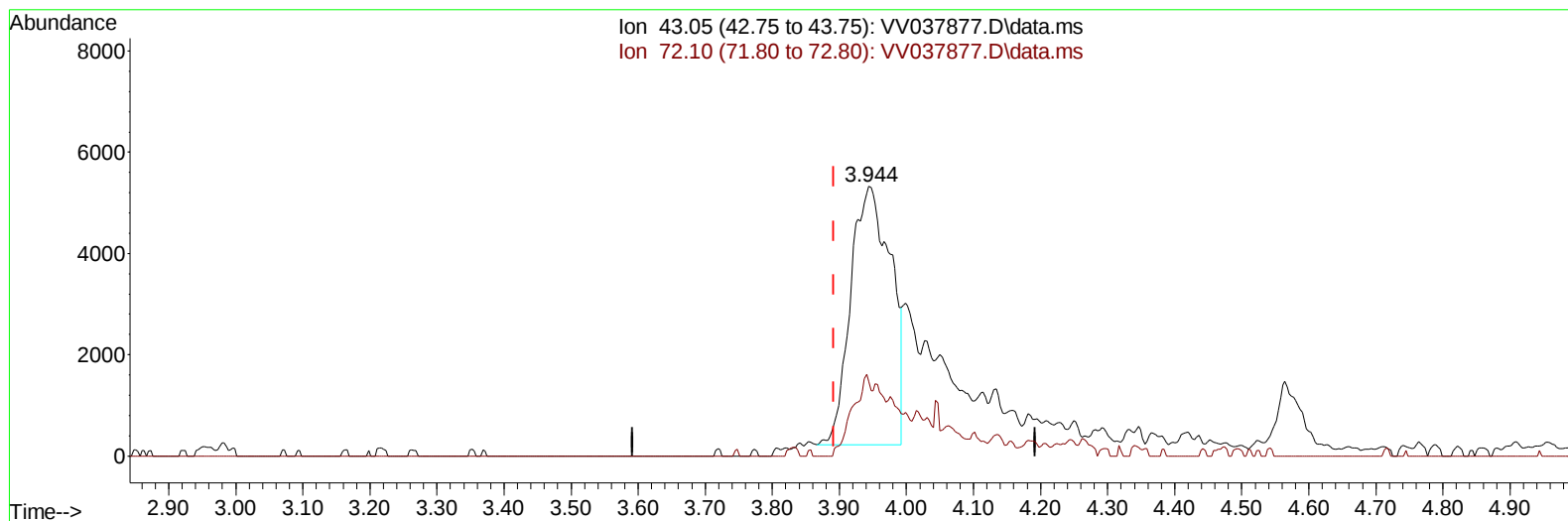
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Data File : VV037877.D
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Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 17 01:55:12 2024
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TIC: VV037877.D\data.ms

(21) 2-Butanone (T)

3.944min (+ 0.052) 4.04 ug/L

response 21265

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	25.90	14.01
0.00	0.00	0.00
0.00	0.00	0.00

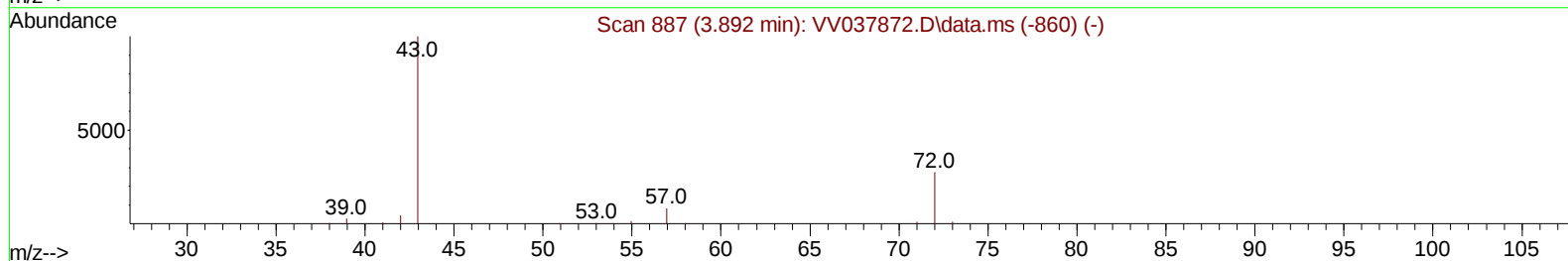
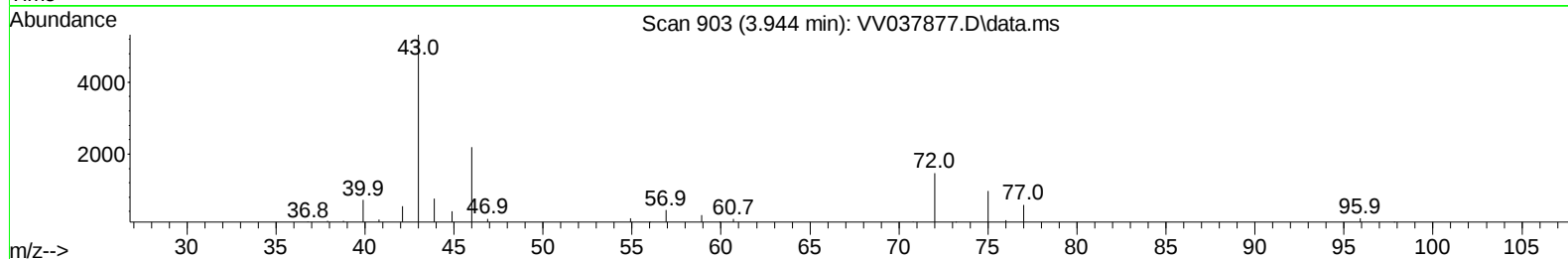
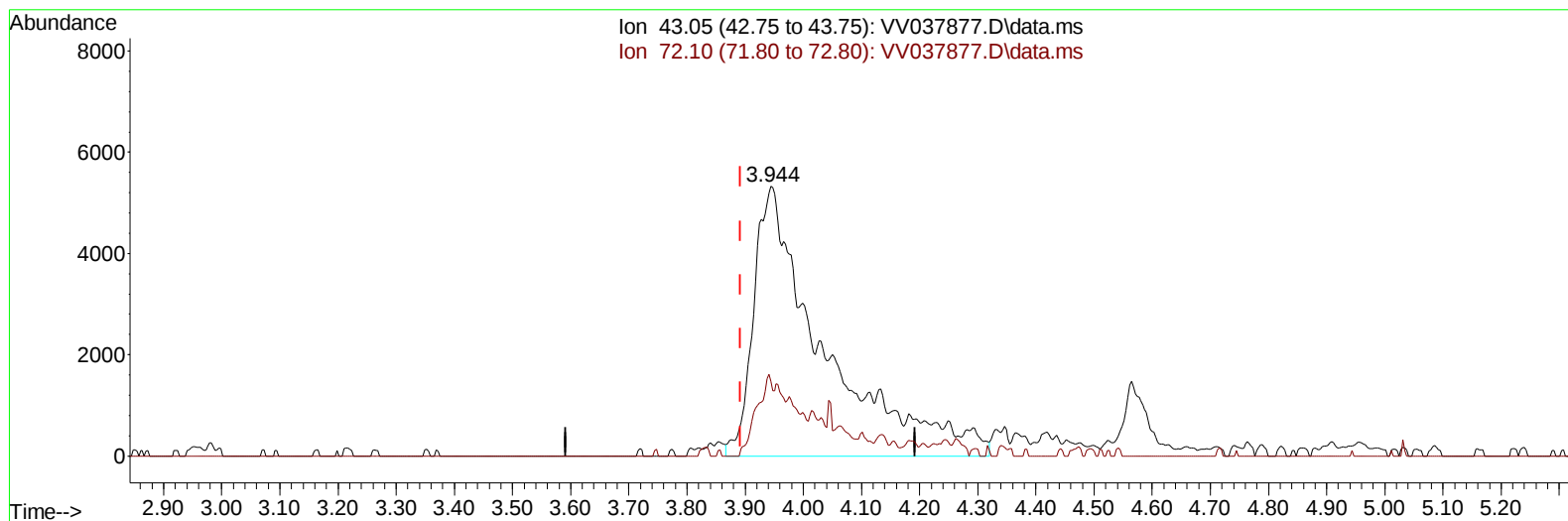
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Data File : VV037877.D
Acq On : 16 Oct 2024 15:28
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001280

Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 17 01:55:12 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

(21) 2-Butanone (T)

3.944min (+ 0.052) 8.46 ug/L m

response 44488

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	25.90	6.70#
0.00	0.00	0.00
0.00	0.00	0.00

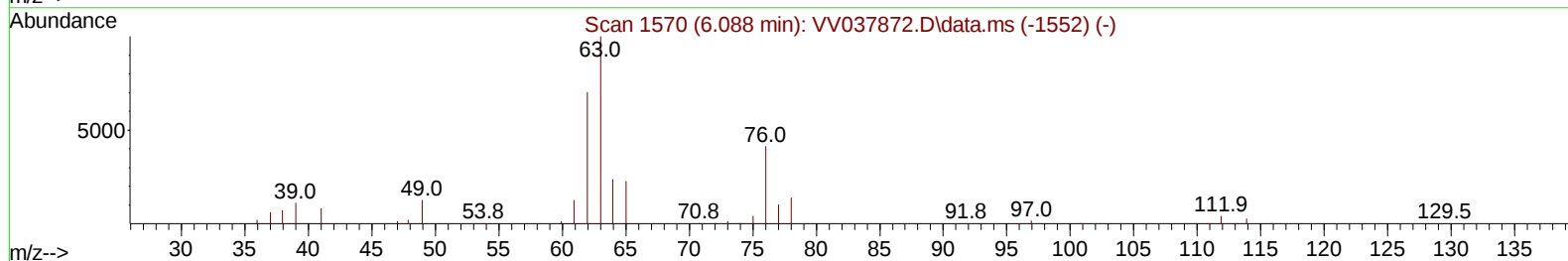
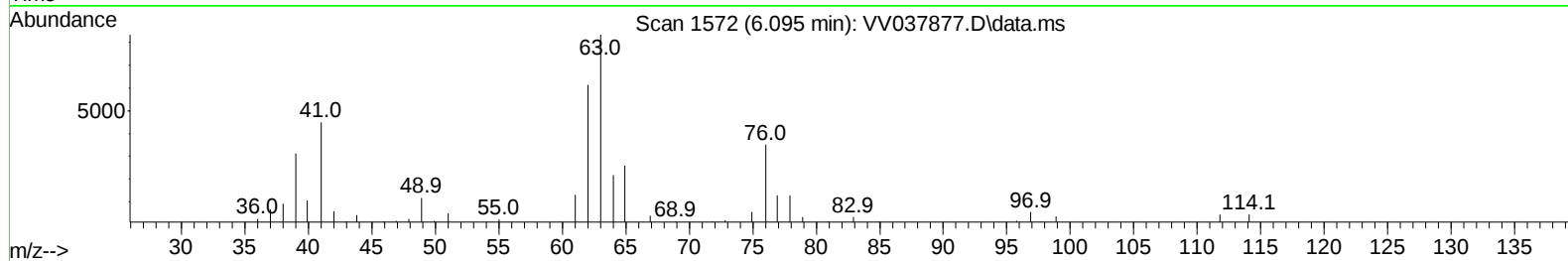
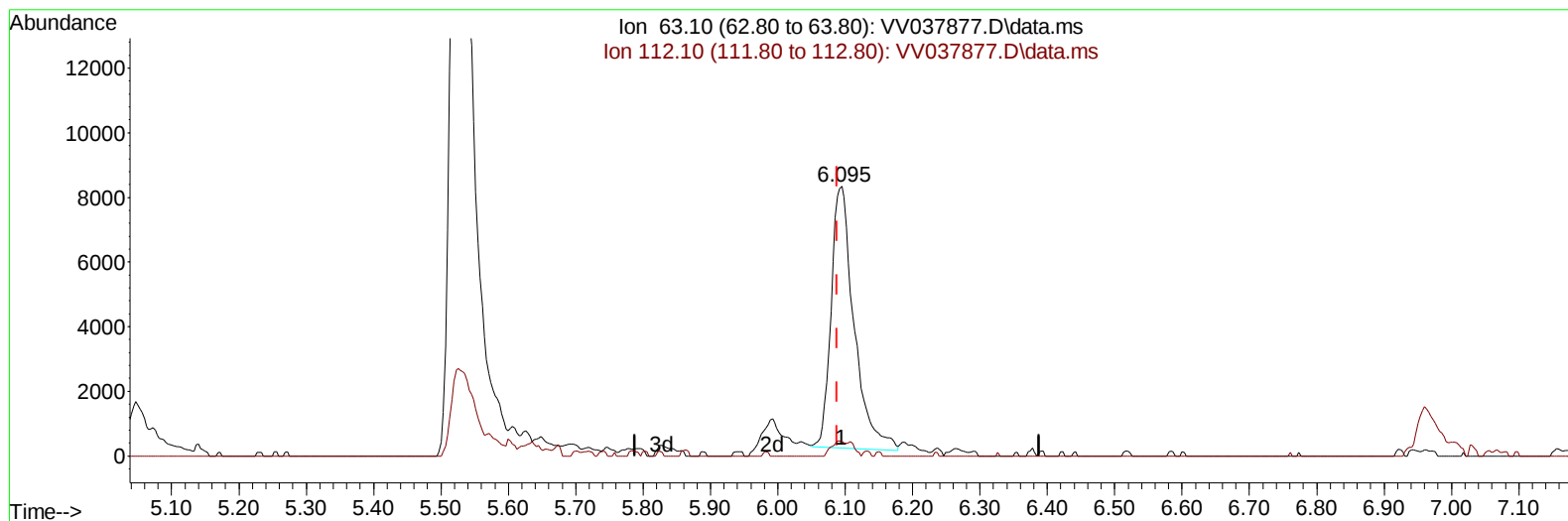
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 Data File : VV037877.D
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 ALS Vial : 9 Sample Multiplier: 1

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TIC: VV037877.D\data.ms

(37) 1,2-Dichloropropane (T)

6.095min (+ 0.007) 0.76 ug/L

response 19137

Ion	Exp%	Act%
63.10	100.00	100.00
112.10	4.90	3.53#
0.00	0.00	0.00
0.00	0.00	0.00

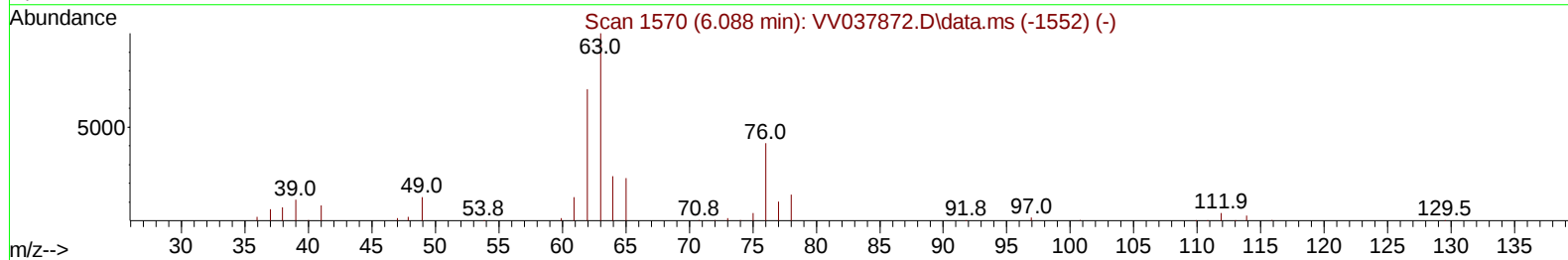
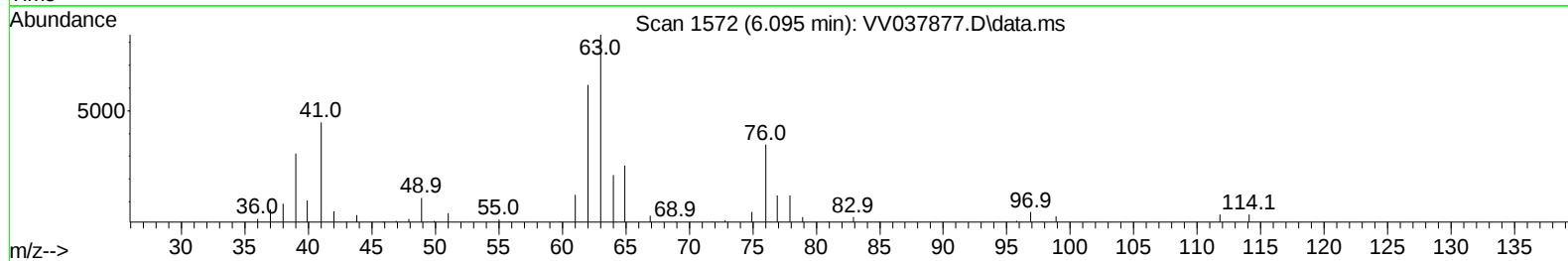
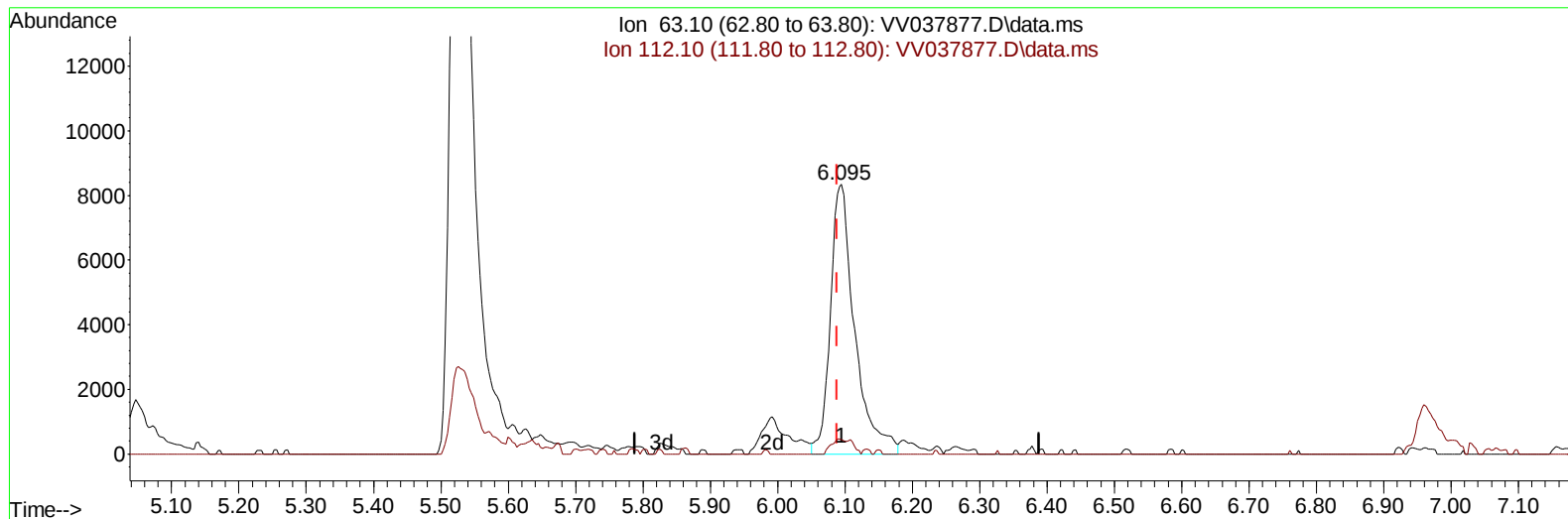
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Data File : VV037877.D
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Operator : SY/MD
Sample : VSTD00180
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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QLast Update : Thu Oct 17 01:55:12 2024
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Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

(37) 1,2-Dichloropropane (T)

6.095min (+ 0.007) 0.82 ug/L m

response 20854

Ion	Exp%	Act%
63.10	100.00	100.00
112.10	4.90	3.24#
0.00	0.00	0.00
0.00	0.00	0.00

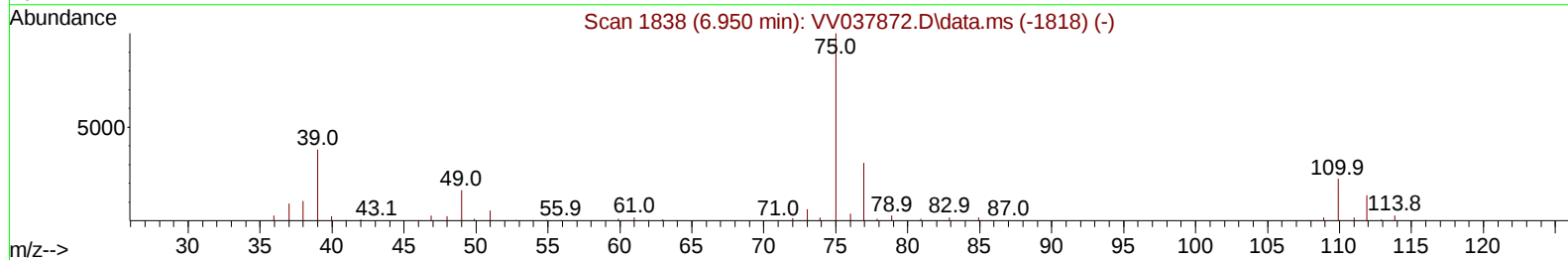
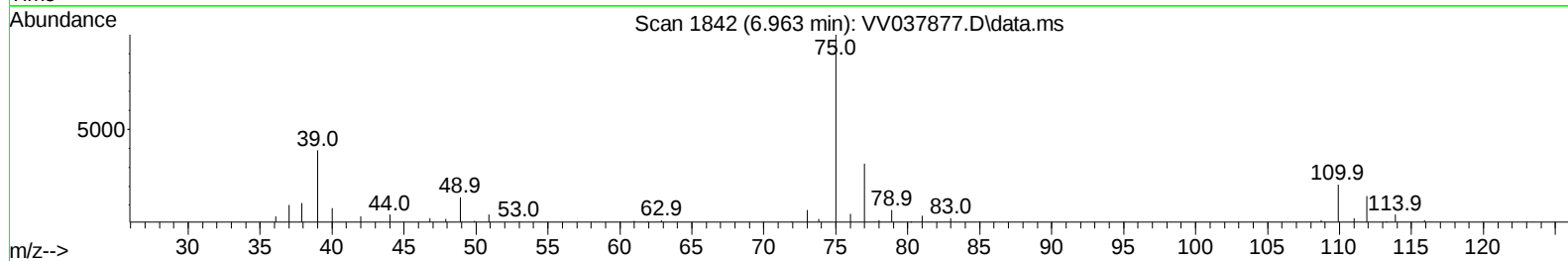
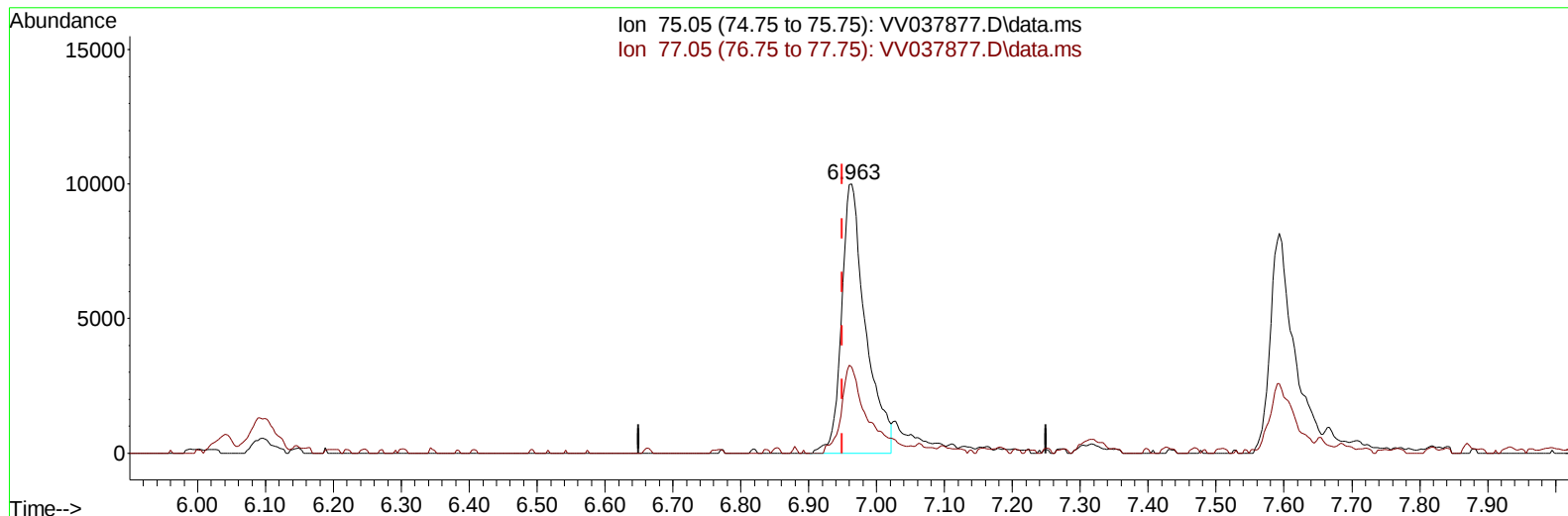
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ALS Vial : 9 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
VSTD001280

Manual IntegrationsAPPROVED

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QLast Update : Thu Oct 17 01:55:12 2024
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TIC: VV037877.D\data.ms

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

6.963min (+ 0.013) 0.72 ug/L

response 24632

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	31.20	32.07
0.00	0.00	0.00
0.00	0.00	0.00

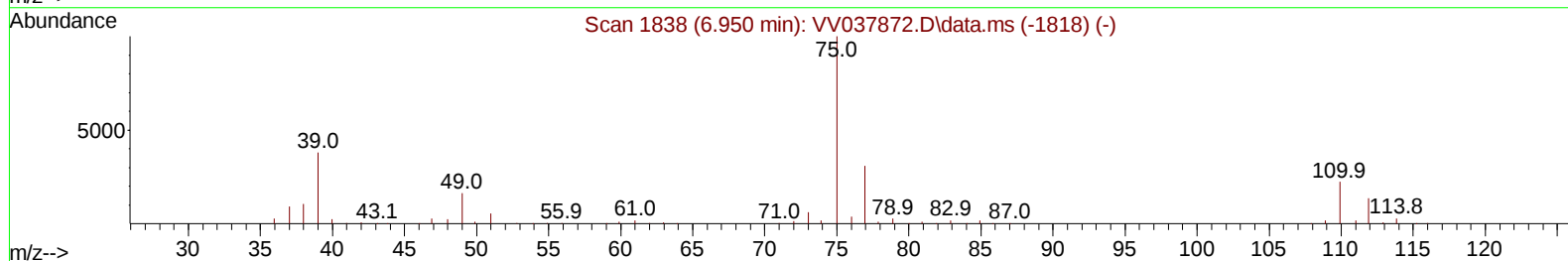
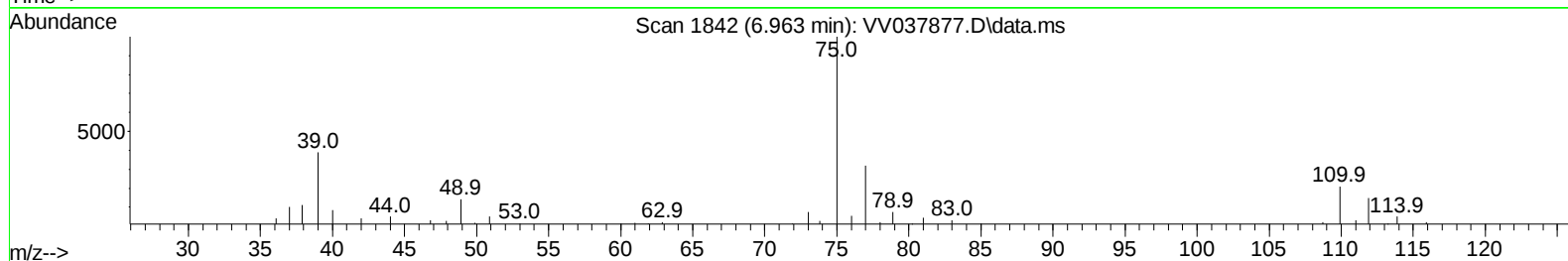
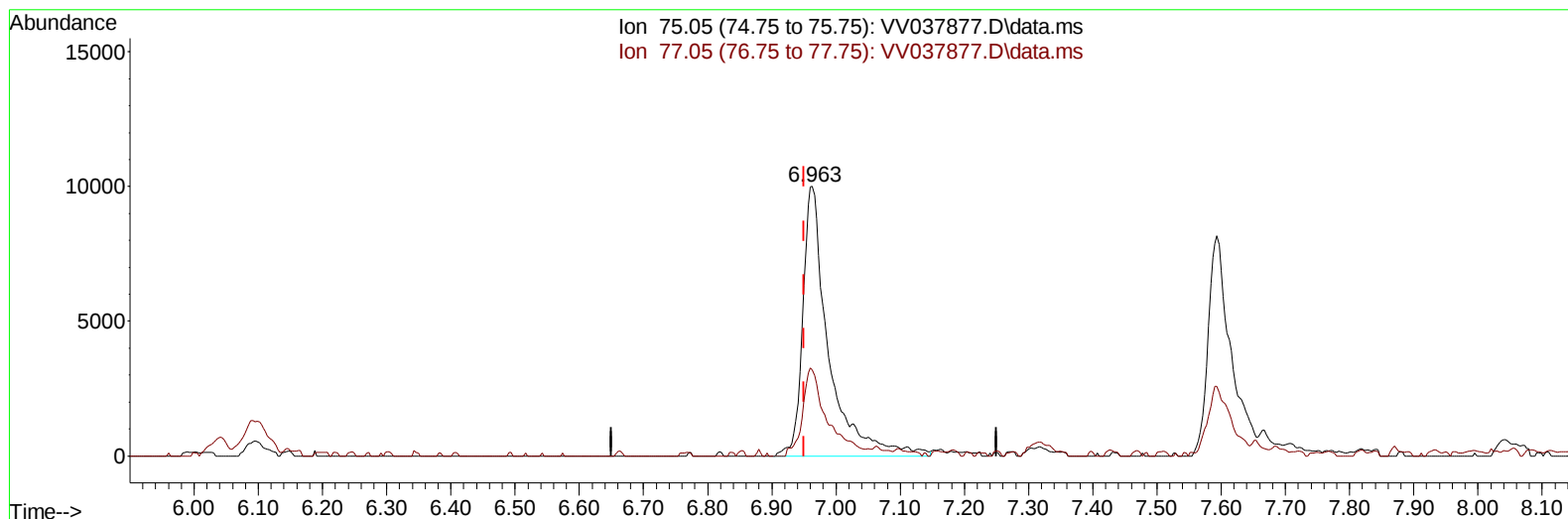
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Acq On : 16 Oct 2024 15:28
Operator : SY/MD
Sample : VSTD00180
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001280

Manual IntegrationsAPPROVED

Quant Time: Oct 17 02:22:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 17 01:55:12 2024
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Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

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

6.963min (+ 0.013) 0.82 ug/L m

response 28068

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	31.20	32.07
0.00	0.00	0.00
0.00	0.00	0.00

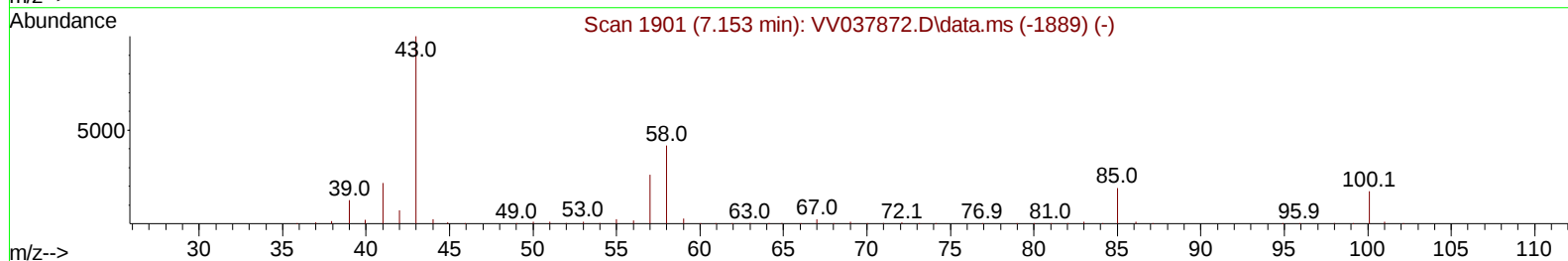
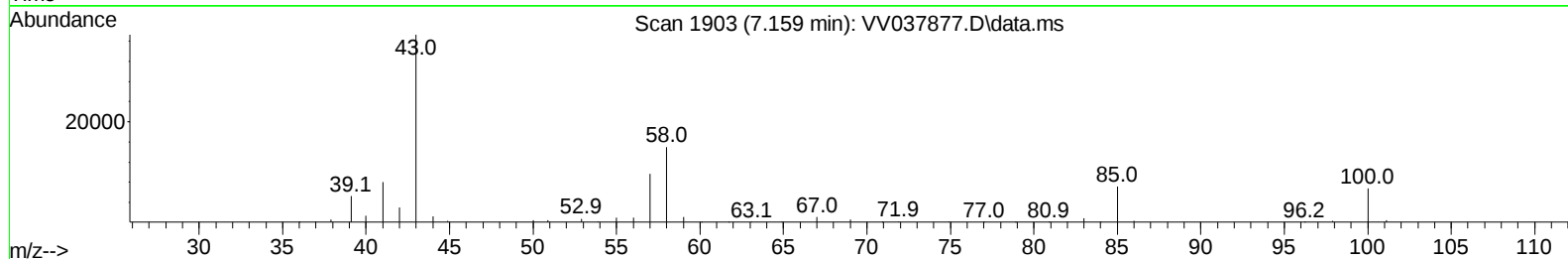
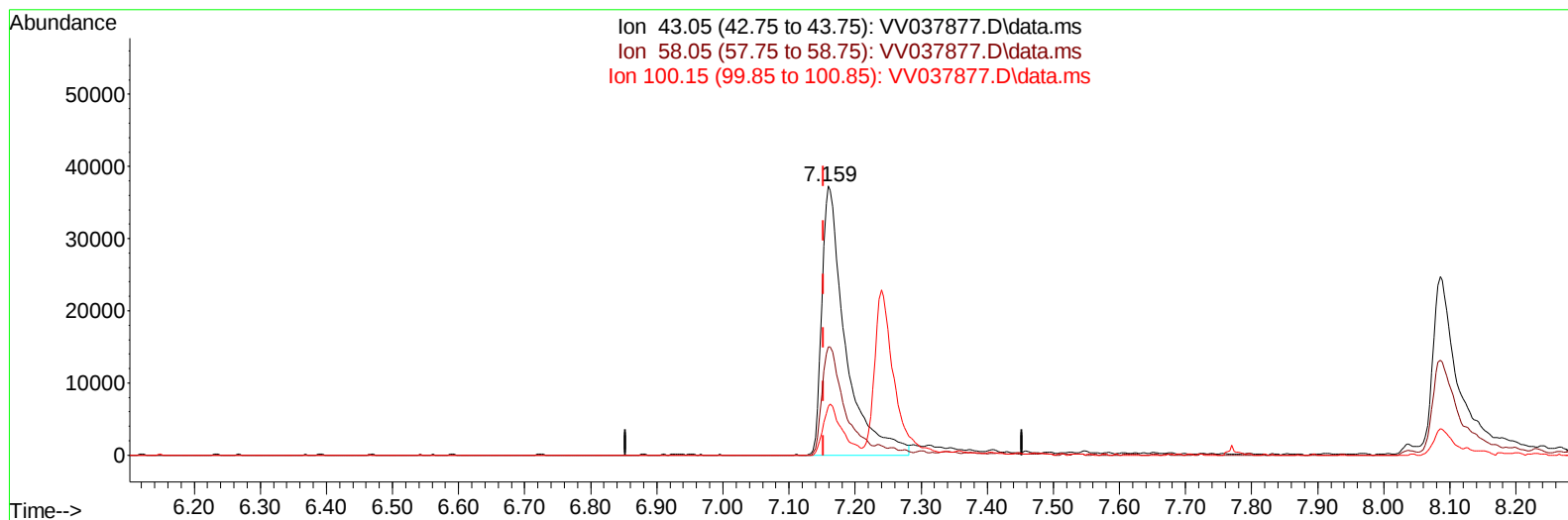
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Manual IntegrationsAPPROVED

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TIC: VV037877.D\data.ms

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

7.159min (+ 0.007) 6.87 ug/L

response 92004

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	42.90	37.95
100.15	16.60	15.53
0.00	0.00	0.00

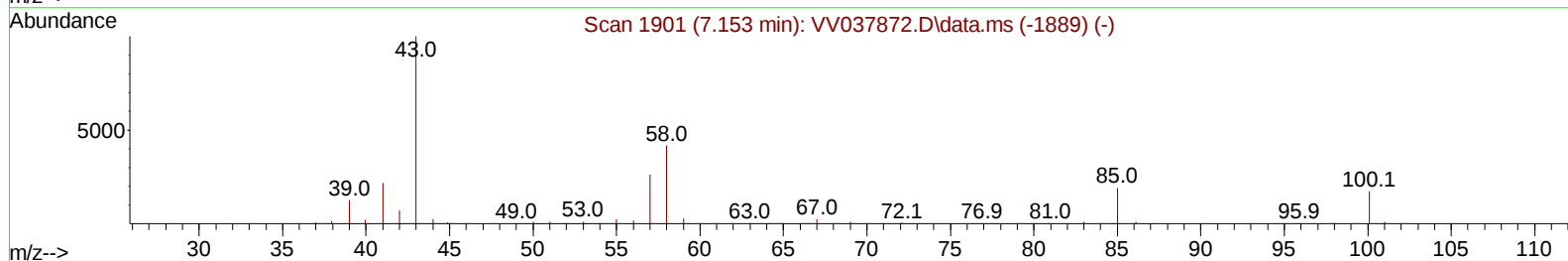
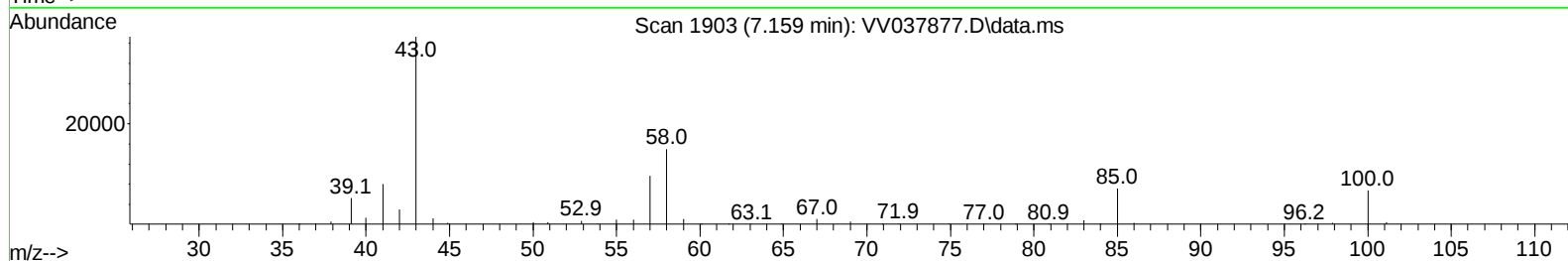
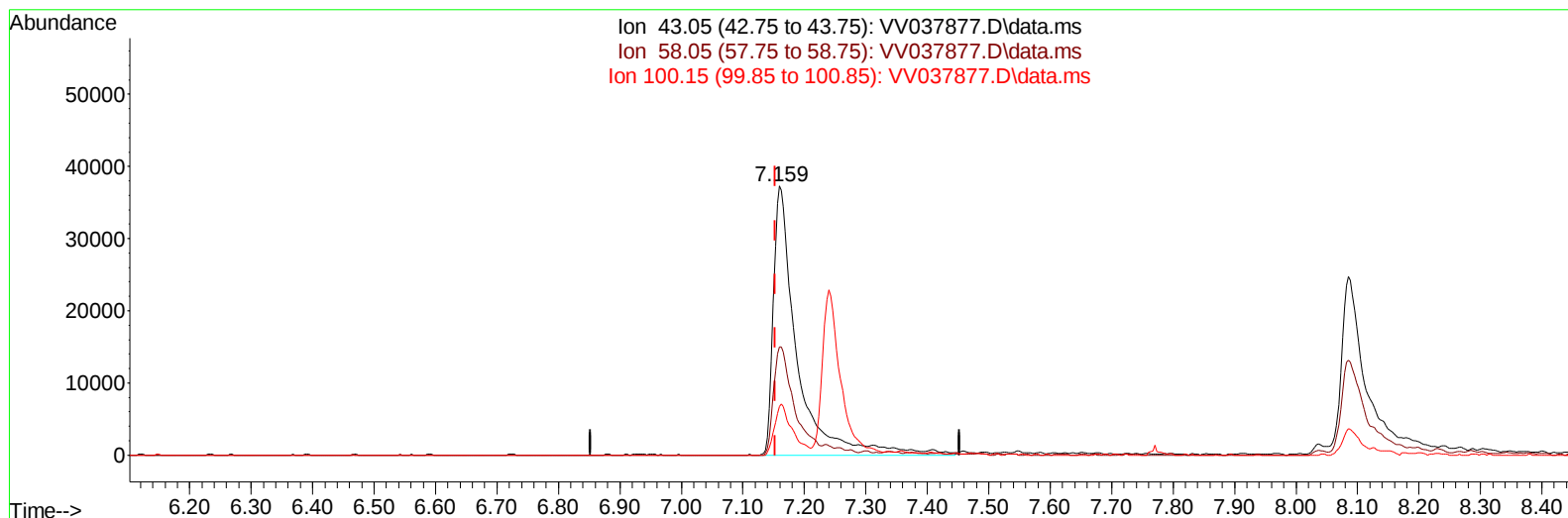
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Manual IntegrationsAPPROVED

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 Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

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

7.159min (+ 0.007) 7.47 ug/L m

response 100066

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	42.90	34.89
100.15	16.60	14.28
0.00	0.00	0.00

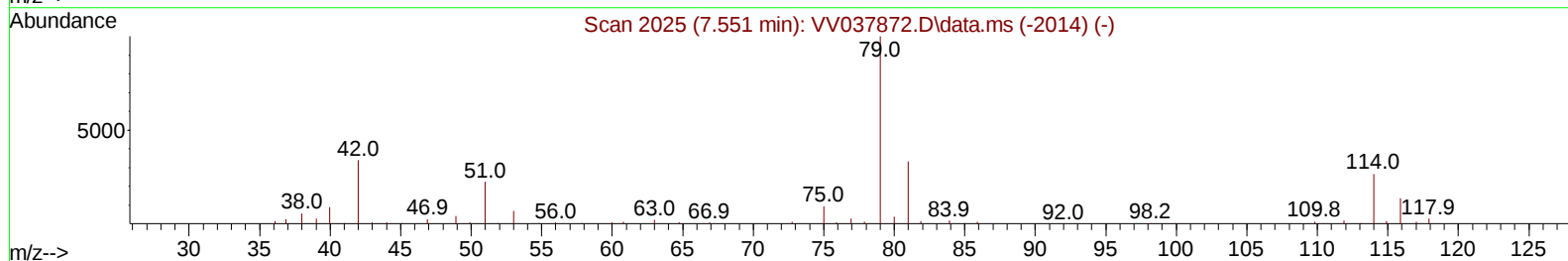
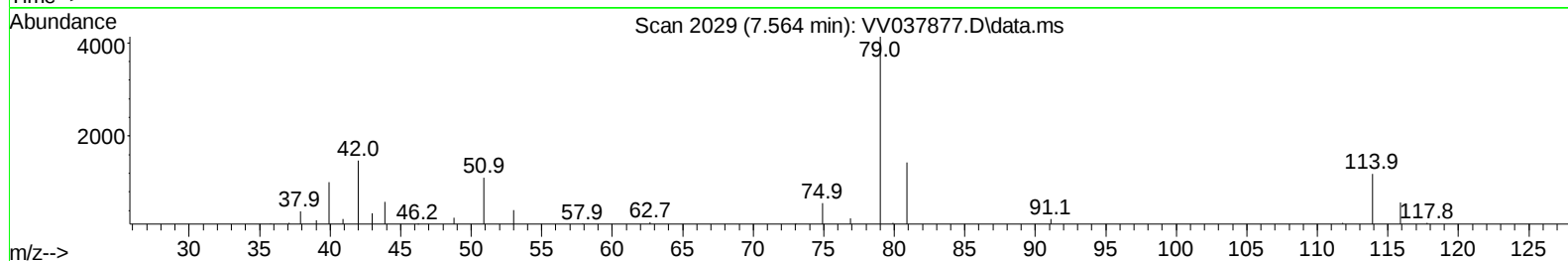
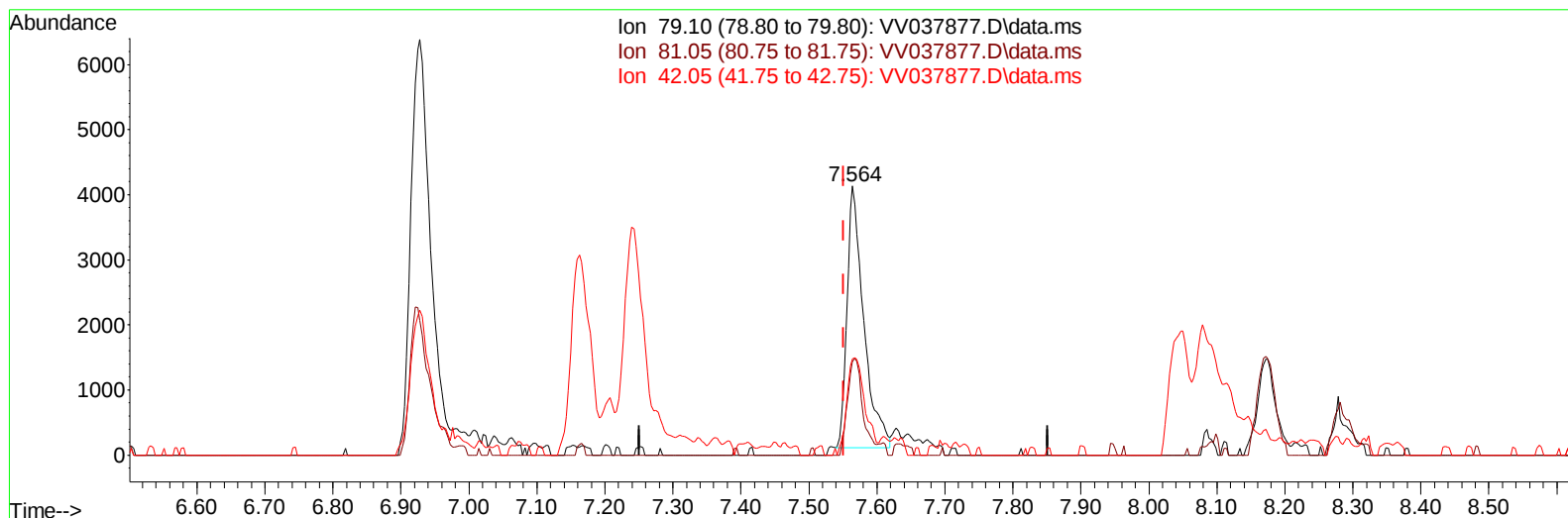
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Data File : VV037877.D
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ClientSampleId :
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Response via : Initial Calibration



TIC: VV037877.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.564min (+ 0.013) 0.71 ug/L

response 6850

Ion	Exp%	Act%
79.10	100.00	100.00
81.05	34.10	33.97
42.05	35.80	40.72
0.00	0.00	0.00

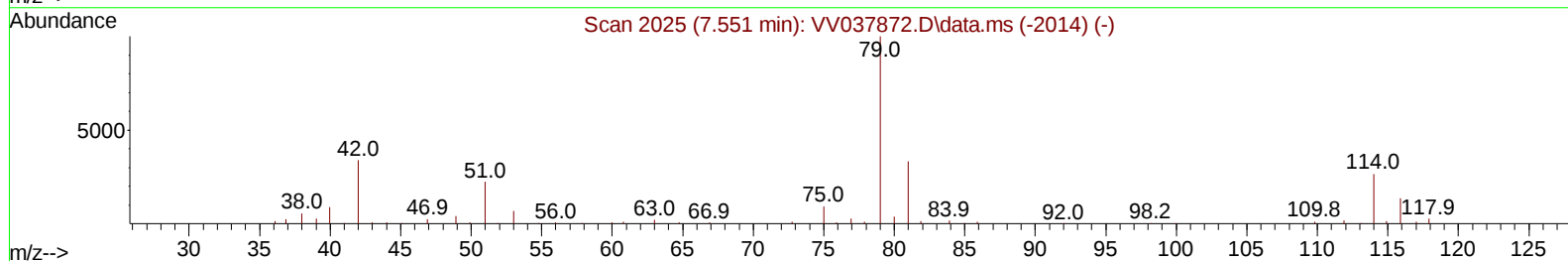
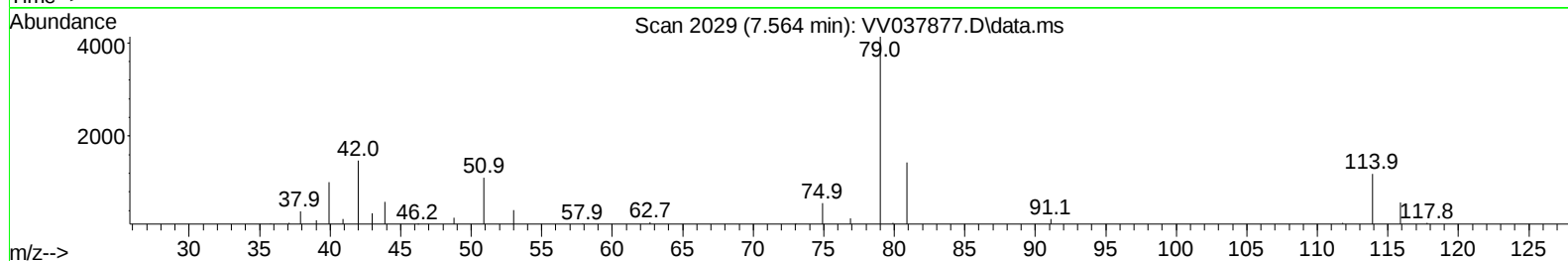
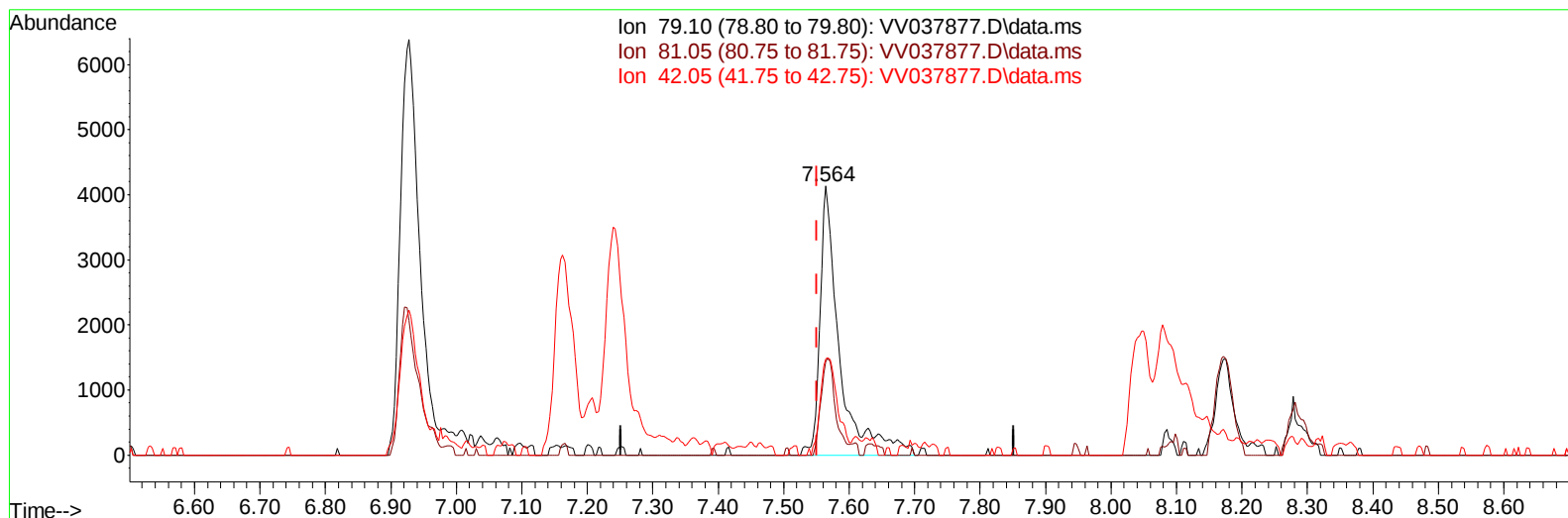
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.564min (+ 0.013) 0.89 ug/L m

response 8623

Ion	Exp%	Act%
79.10	100.00	100.00
81.05	34.10	26.99
42.05	35.80	32.34
0.00	0.00	0.00

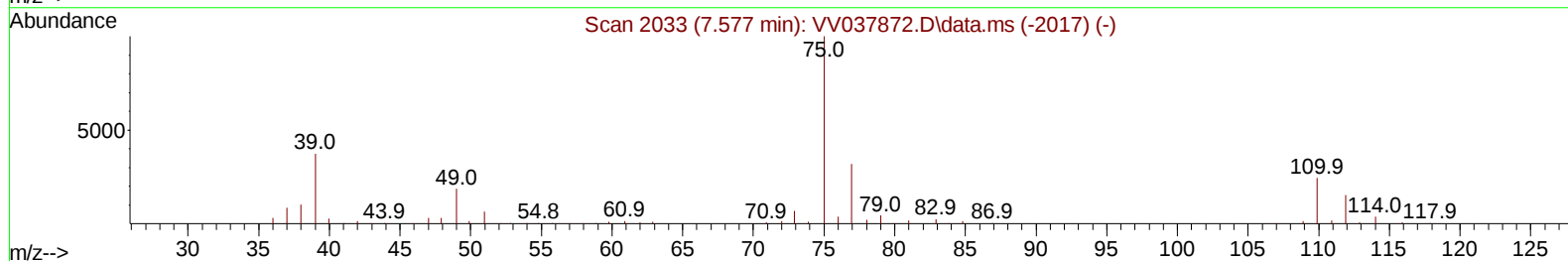
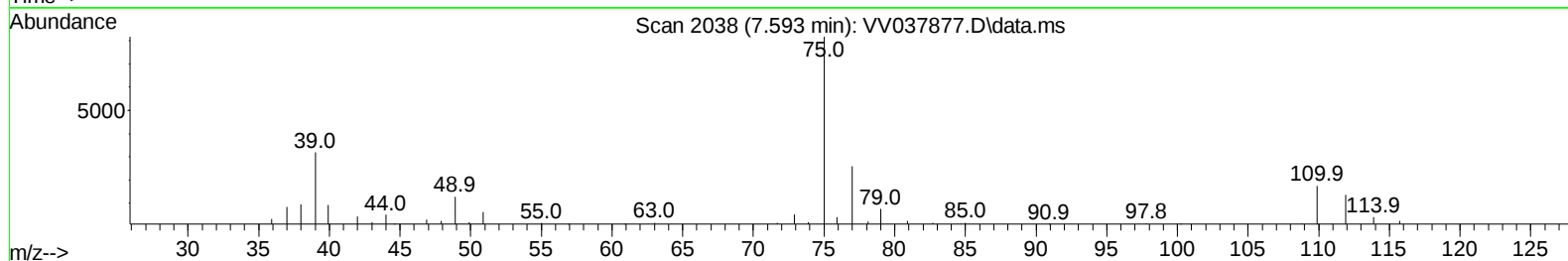
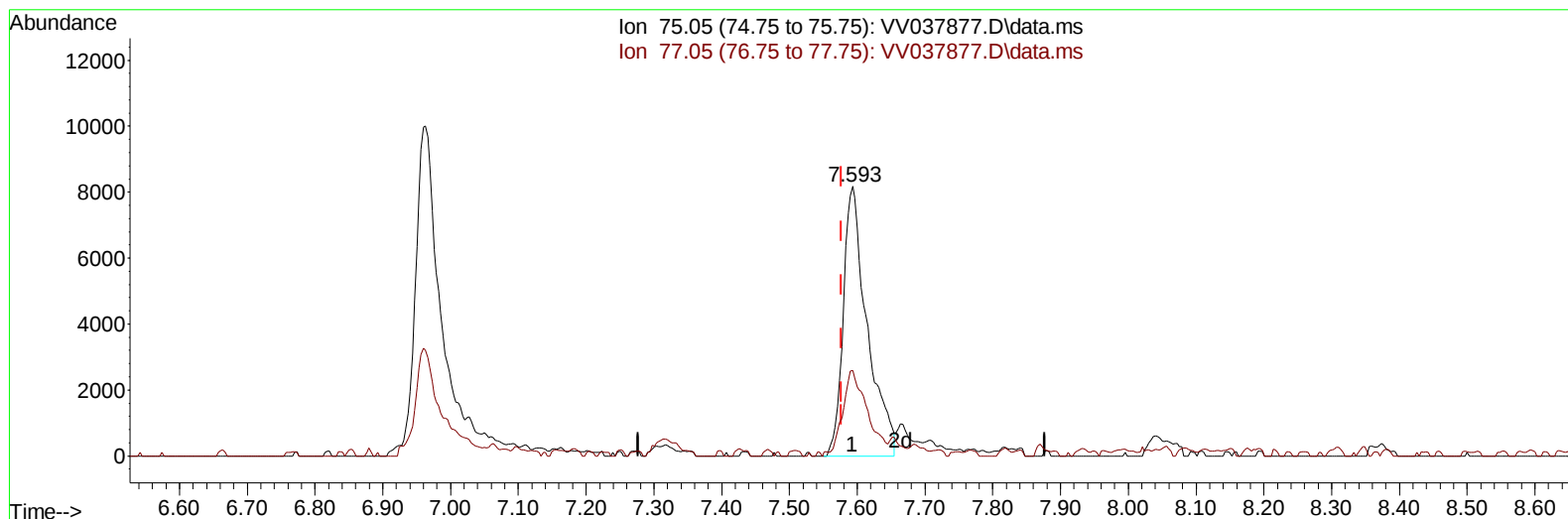
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
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TIC: VV037877.D\data.ms

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

7.593min (+ 0.016) 0.72 ug/L

response 19938

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	32.00	31.64
0.00	0.00	0.00
0.00	0.00	0.00

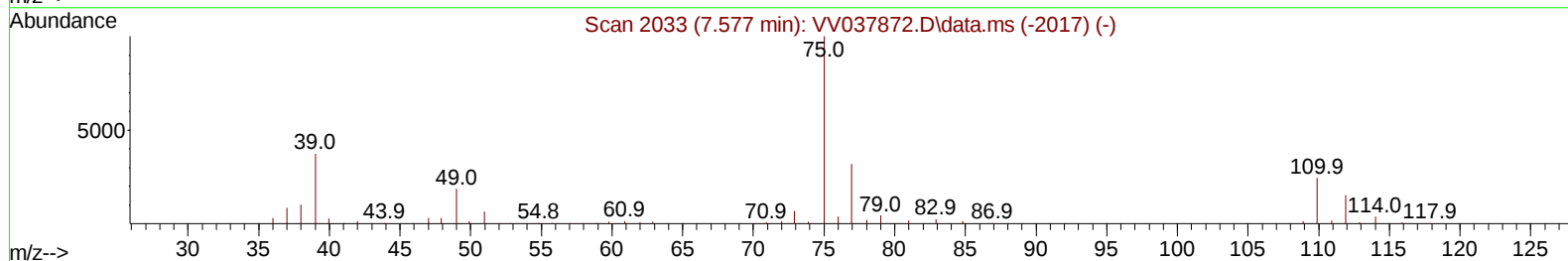
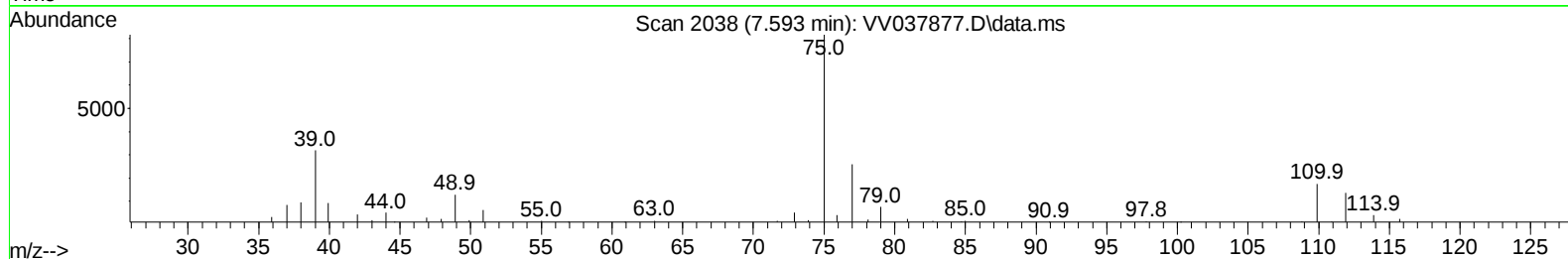
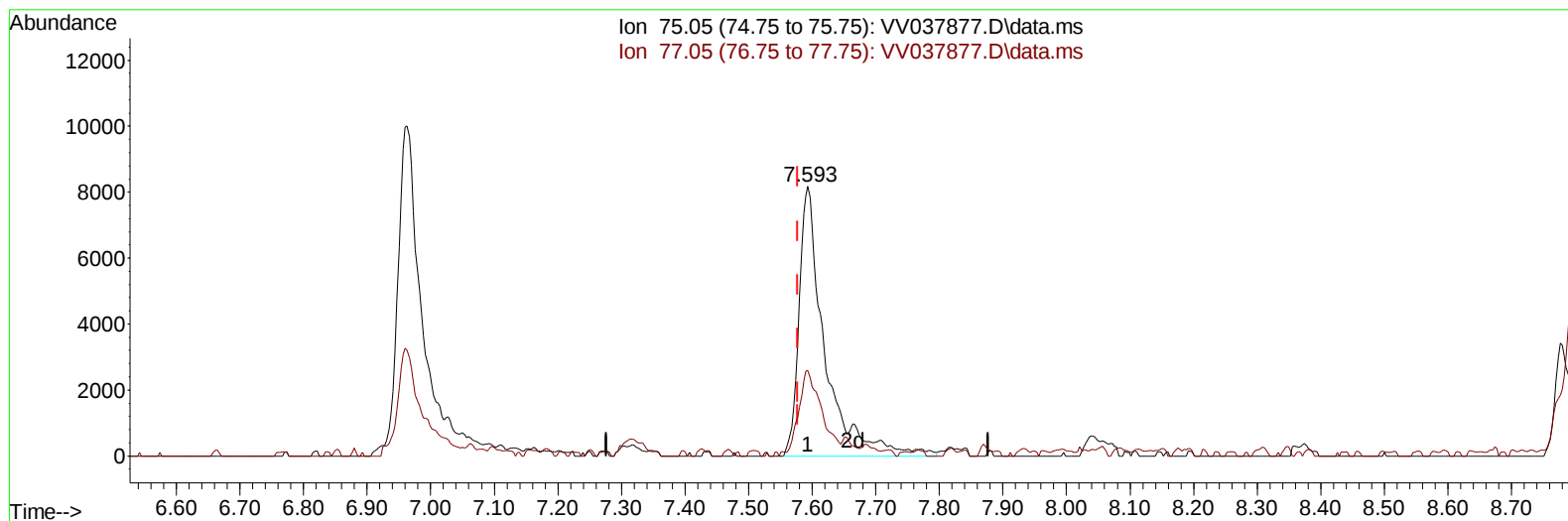
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
Data File : VV037877.D
Acq On : 16 Oct 2024 15:28
Operator : SY/MD
Sample : VSTD00180
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001280

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 02:22:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 17 01:55:12 2024
Response via : Initial Calibration



TIC: VV037877.D\data.ms

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

7.593min (+ 0.016) 0.82 ug/L m

response 22889

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	32.00	31.64
0.00	0.00	0.00
0.00	0.00	0.00

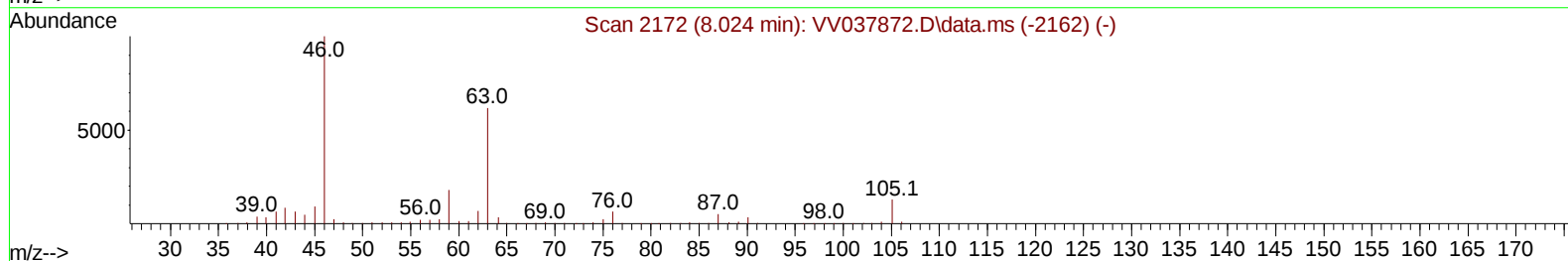
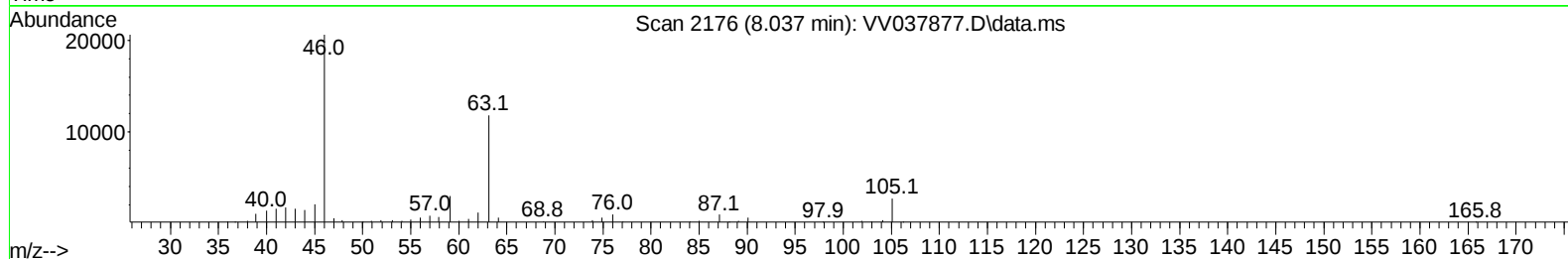
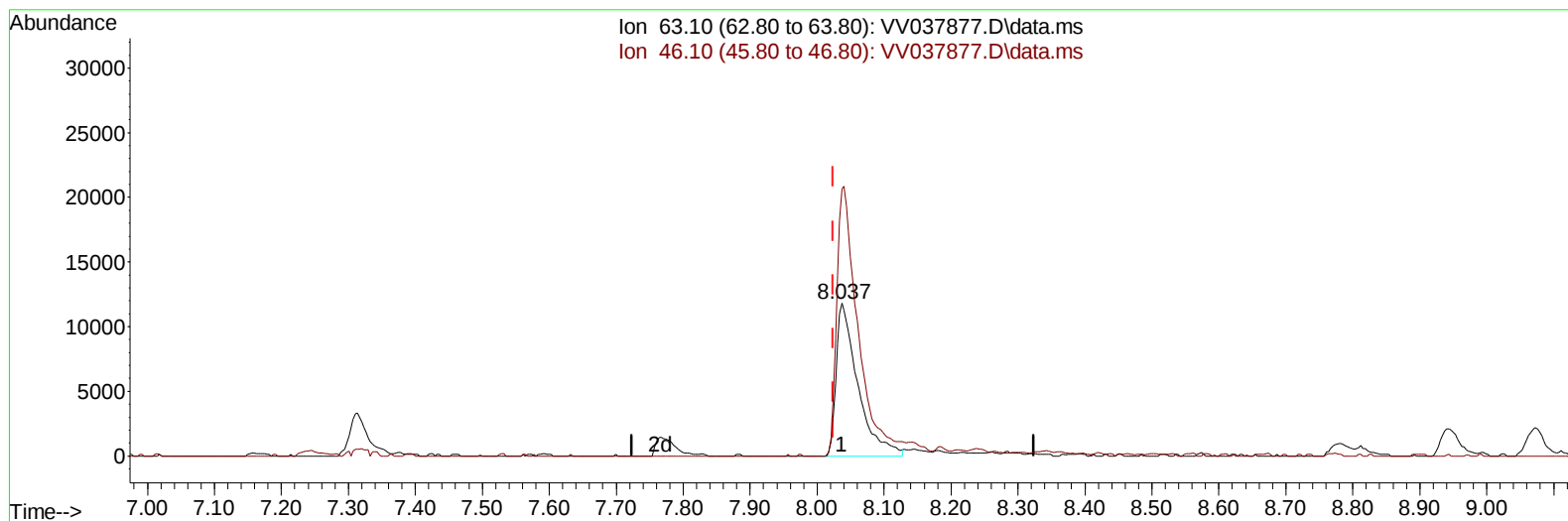
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
Data File : VV037877.D
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TIC: VV037877.D\data.ms

(46) 2-Hexanone-d5 (S)

8.037min (+ 0.013) 6.48 ug/L

response 26454

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	167.60	172.45
0.00	0.00	0.00
0.00	0.00	0.00

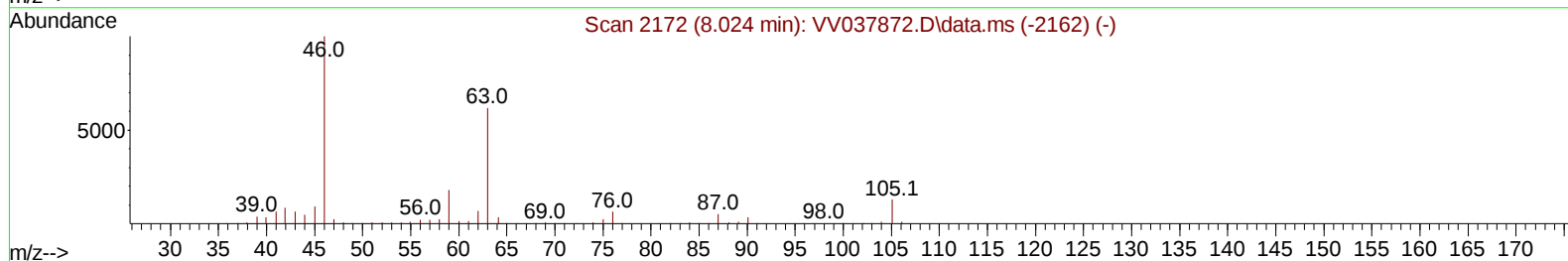
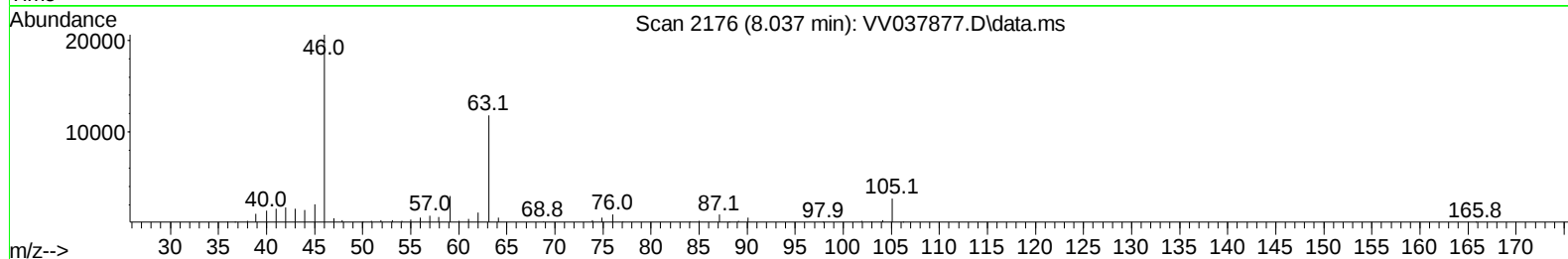
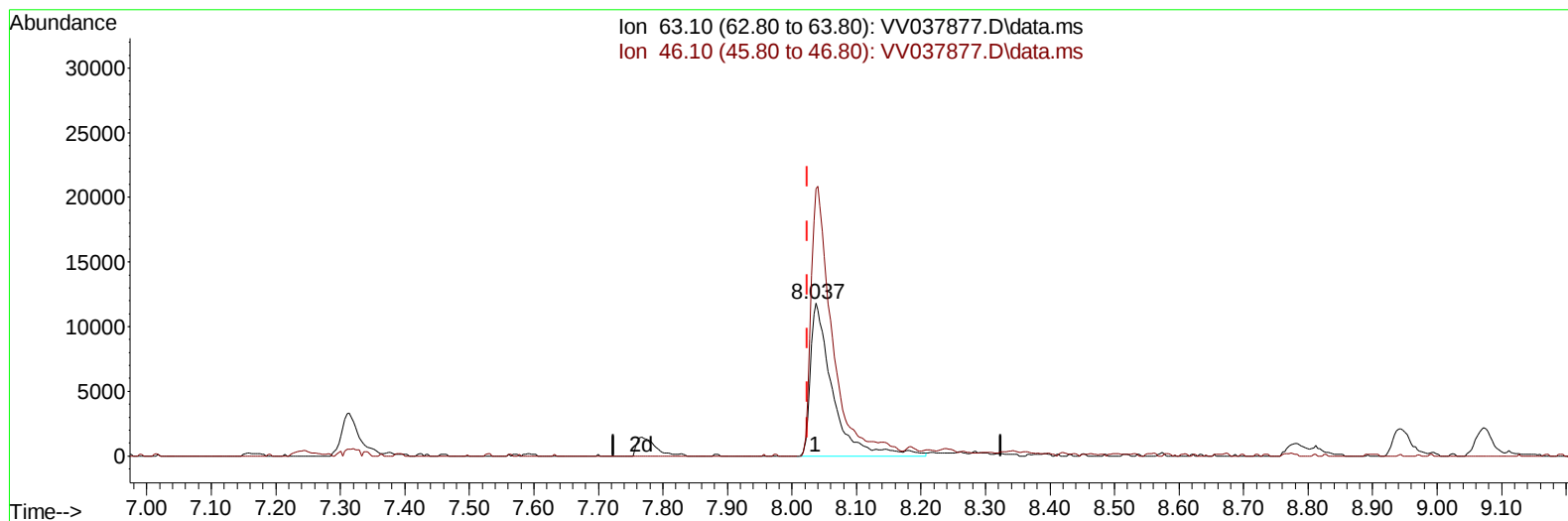
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
Data File : VV037877.D
Acq On : 16 Oct 2024 15:28
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 10/17/2024

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TIC: VV037877.D\data.ms

(46) 2-Hexanone-d5 (S)

8.037min (+ 0.013) 6.93 ug/L m

response 28281

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	167.60	161.31
0.00	0.00	0.00
0.00	0.00	0.00

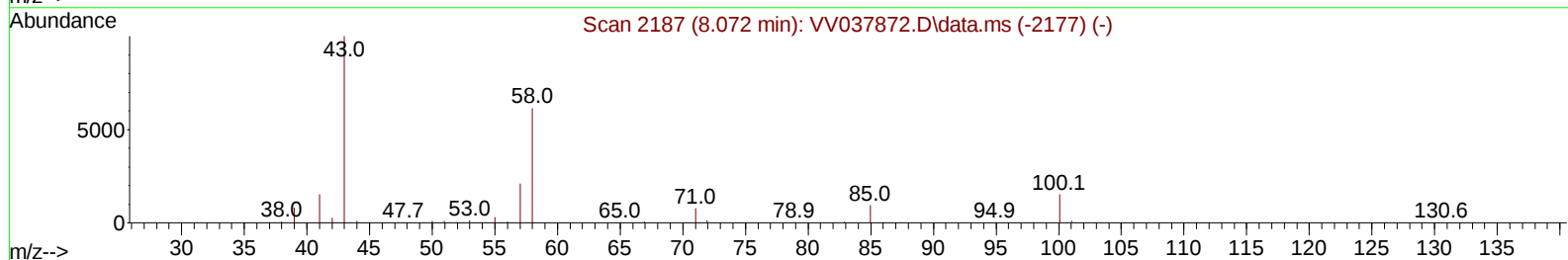
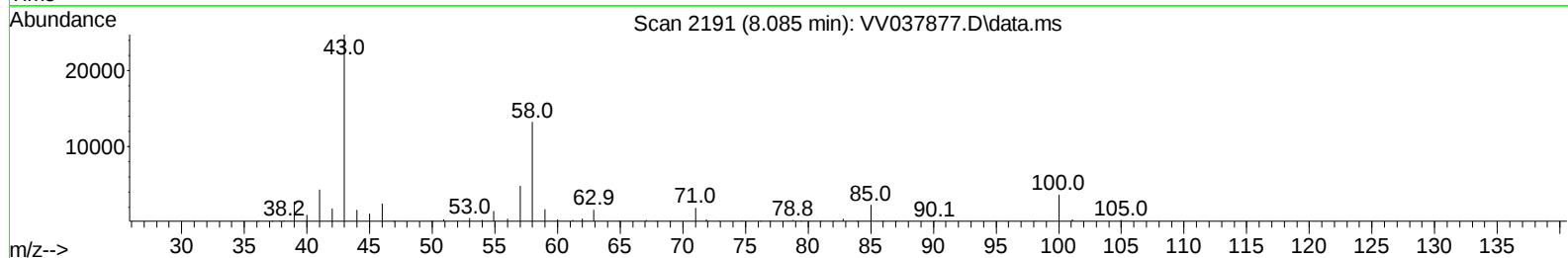
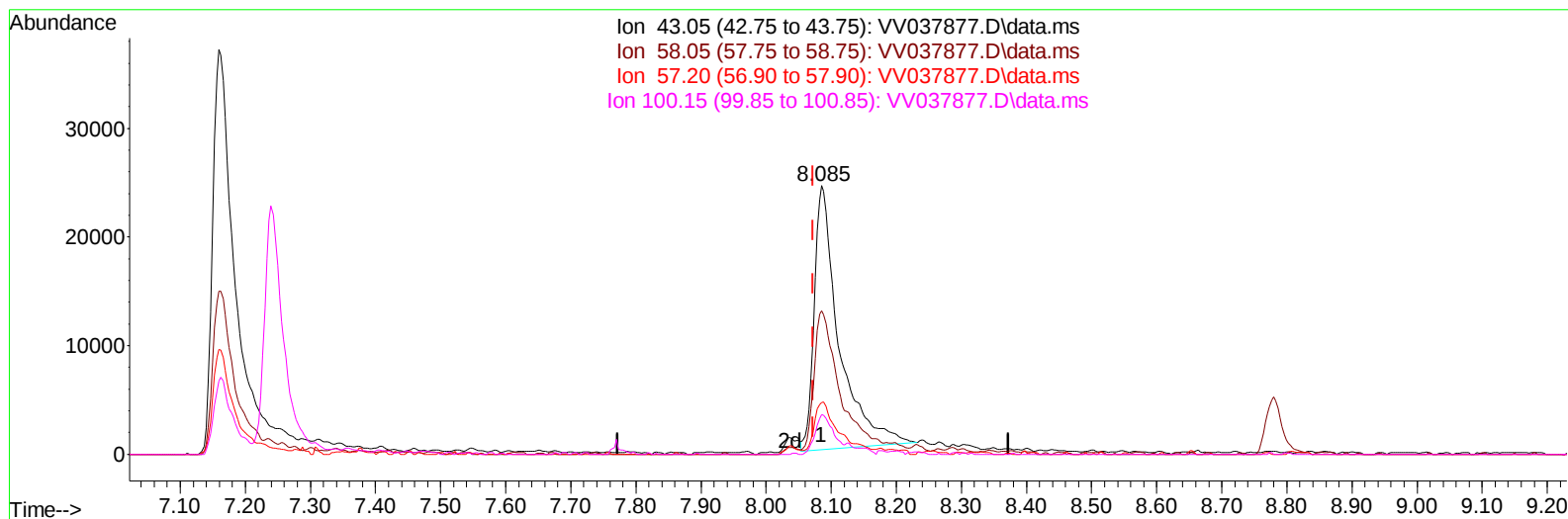
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
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 Operator : SY/MD
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001280

Manual IntegrationsAPPROVED

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 QLast Update : Thu Oct 17 01:55:12 2024
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Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.013) 6.50 ug/L

response 64135

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	59.70	54.70
57.20	19.20	17.33
100.15	14.10	11.15#

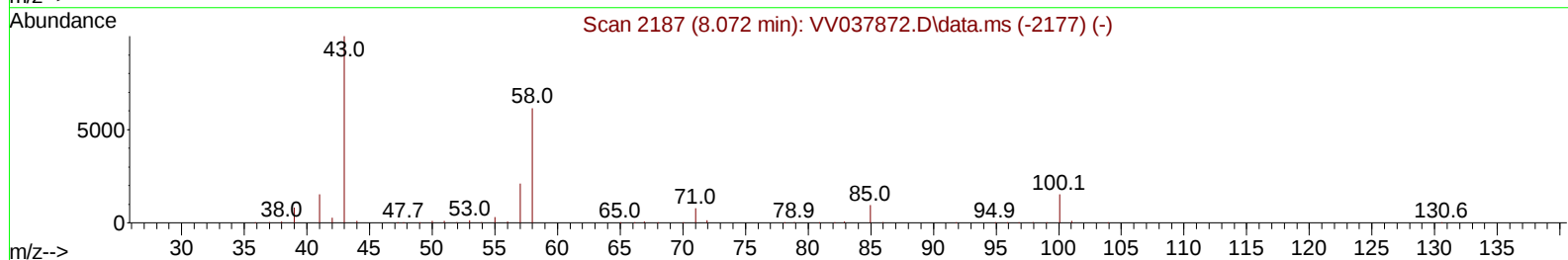
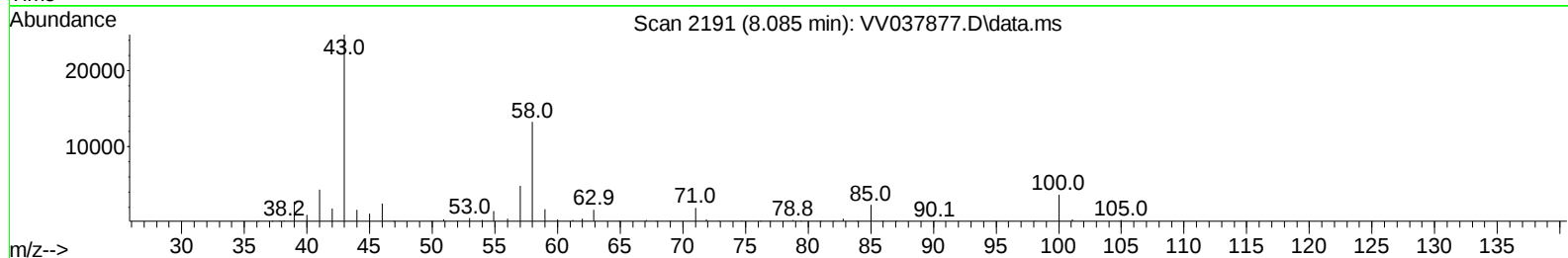
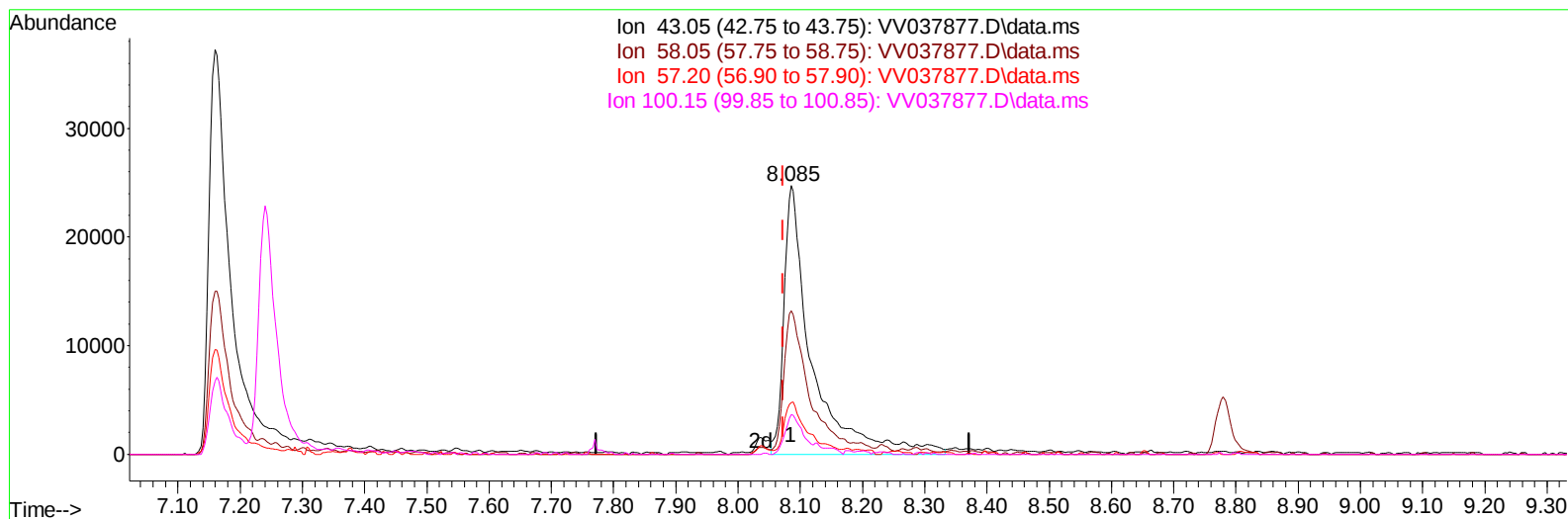
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037877.D
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Manual IntegrationsAPPROVED

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 QLast Update : Thu Oct 17 01:55:12 2024
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 Supervised By :Semsettin Yesilyurt 10/17/2024



TIC: VV037877.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.013) 7.78 ug/L m

response 76752

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	59.70	45.71#
57.20	19.20	14.48#
100.15	14.10	9.32#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 10/17/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	296095	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	314087	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	153011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	20996	0.813	ug/L	0.00
7) Chloroethane-d5	1.529	69	18606	0.901	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	9321	0.832	ug/L	0.00
20) 2-Butanone-d5	3.867	46	39961m	8.637	ug/L	0.05
24) Chloroform-d	4.246	84	43521	1.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	17816	0.882	ug/L	0.00
32) Benzene-d6	4.957	84	75810	0.871	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	23594	0.878	ug/L	0.00
41) Toluene-d8	7.243	98	69212	0.884	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8623m	0.894	ug/L	0.01
46) 2-Hexanone-d5	8.037	63	28281m	6.929	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.149	84	18039	0.859	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	26083	0.970	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	29561	1.055	ug/L	98
3) Chloromethane	1.214	50	28201	0.885	ug/L	98
5) Vinyl chloride	1.278	62	27607	0.879	ug/L	97
6) Bromomethane	1.484	94	17962	0.981	ug/L	98
8) Chloroethane	1.545	64	16915	0.876	ug/L	99
9) Trichlorofluoromethane	1.709	101	38084	1.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	22909	0.991	ug/L	99
12) 1,1-Dichloroethene	2.063	96	20945	0.939	ug/L	99
13) Acetone	2.156	43	29119	8.861	ug/L	95
14) Carbon disulfide	2.233	76	70302	0.990	ug/L	99
15) Methyl Acetate	2.397	43	7050	0.829	ug/L #	71
16) Methylene chloride	2.442	84	35042	1.252	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	44231	0.874	ug/L	96
18) trans-1,2-Dichloroethene	2.690	96	22565	0.977	ug/L	95
19) 1,1-Dichloroethane	3.105	63	39685	0.877	ug/L	98
21) 2-Butanone	3.944	43	44488m	8.459	ug/L	
22) cis-1,2-Dichloroethene	3.822	96	21728	0.912	ug/L	95
23) Bromochloromethane	4.153	128	10398	0.962	ug/L #	92
25) Chloroform	4.269	83	42725	0.956	ug/L	99
27) 1,2-Dichloroethane	5.050	62	20965	0.804	ug/L	97
29) 1,1,1-Trichloroethane	4.500	97	34773	0.889	ug/L	99
30) Cyclohexane	4.571	56	29522	0.811	ug/L	96
31) Carbon tetrachloride	4.725	117	30818	0.915	ug/L	100
33) Benzene	5.005	78	80726	0.828	ug/L	100
34) Trichloroethene	5.834	95	23142	0.901	ug/L	96
35) Methylcyclohexane	6.040	83	33947	0.892	ug/L	96
37) 1,2-Dichloropropane	6.095	63	20854m	0.824	ug/L	
38) Bromodichloromethane	6.433	83	26967	0.862	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	28068m	0.822	ug/L	
40) 4-Methyl-2-pentanone	7.159	43	100066m	7.474	ug/L	
42) Toluene	7.314	91	84601	0.837	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037877.D
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 ALS Vial : 9 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 02:22:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 01:55:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.593	75	22889m	0.824	ug/L	
45) 1,1,2-Trichloroethane	7.773	97	15479	0.863	ug/L	94
47) Tetrachloroethene	7.902	164	18307	0.901	ug/L	95
48) 2-Hexanone	8.085	43	76752m	7.779	ug/L	
49) Dibromochloromethane	8.172	129	16636	0.878	ug/L	100
50) 1,2-Dibromoethane	8.285	107	15019	0.885	ug/L	96
51) Chlorobenzene	8.812	112	59626	0.896	ug/L	98
52) Ethylbenzene	8.944	91	88204	0.810	ug/L	97
53) m,p-Xylene	9.072	106	31534	0.781	ug/L	97
54) o-Xylene	9.474	106	31412	0.807	ug/L	93
55) Styrene	9.500	104	50307	0.765	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	17705	0.808	ug/L #	96
59) Bromoform	9.664	173	8985	0.972	ug/L	89
60) Isopropylbenzene	9.863	105	84257	0.866	ug/L	97
61) 1,2,3-Trichloropropane	10.207	75	12127	0.810	ug/L	94
62) 1,3,5-Trimethylbenzene	10.471	105	63014	0.803	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	58733	0.759	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	46292	0.940	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	46912	0.908	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	42041	0.920	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	2449	0.815	ug/L #	89
69) 1,3,5-Trichlorobenzene	12.580	180	32054	0.869	ug/L	97
70) 1,2,4-trichlorobenzene	13.198	180	24585	0.791	ug/L	93
71) Naphthalene	13.445	128	34041	0.736	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	22644	0.827	ug/L	94

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

