

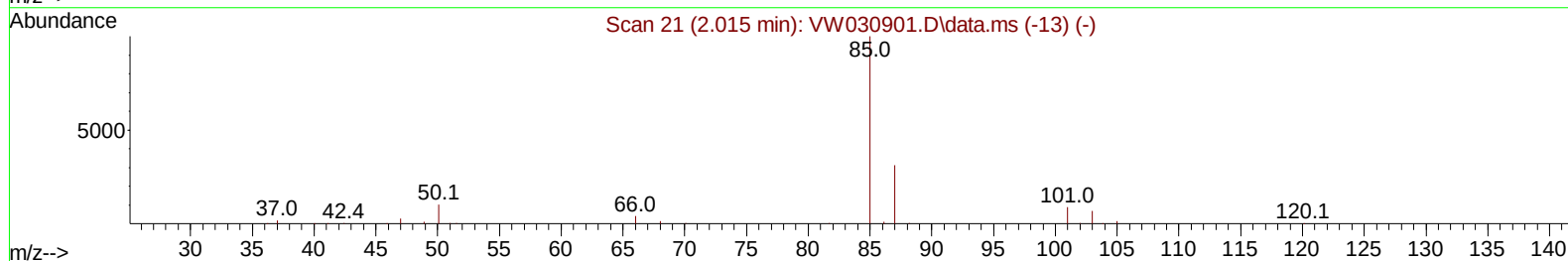
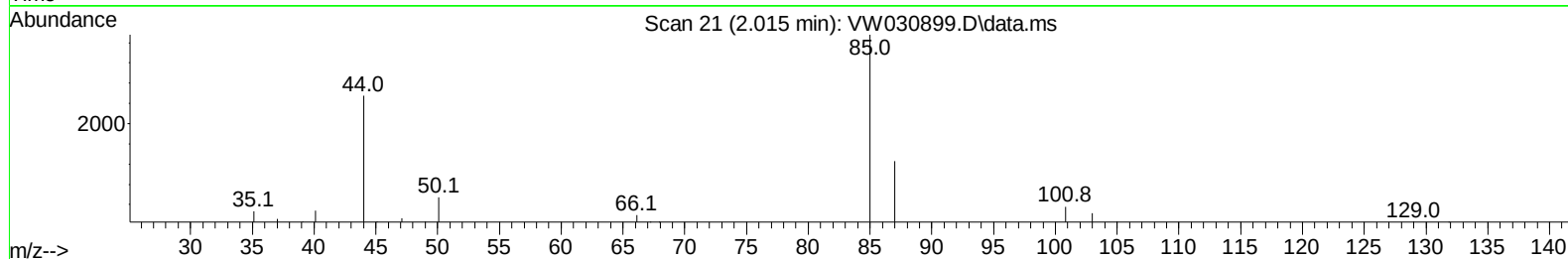
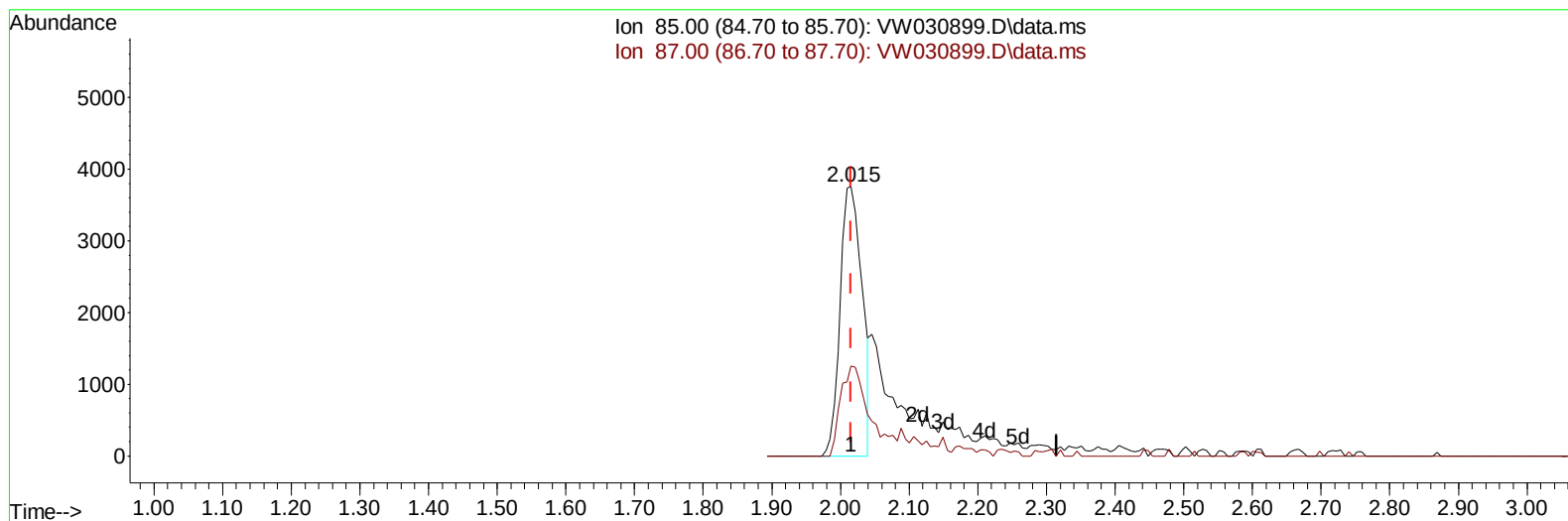
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
Data File : VW030899.D
Acq On : 04 Nov 2024 10:15
Operator : SY/MD
Sample : VSTD2.515
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5415

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/05/2024
Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 05 00:09:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 05 00:08:46 2024
Response via : Initial Calibration



TIC: VW030899.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 1.94 ug/L

response 8387

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.30	39.37#
0.00	0.00	0.00
0.00	0.00	0.00

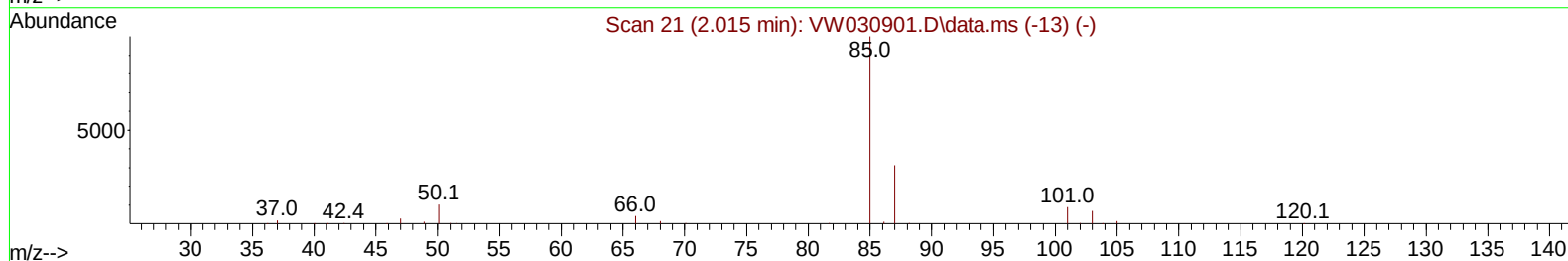
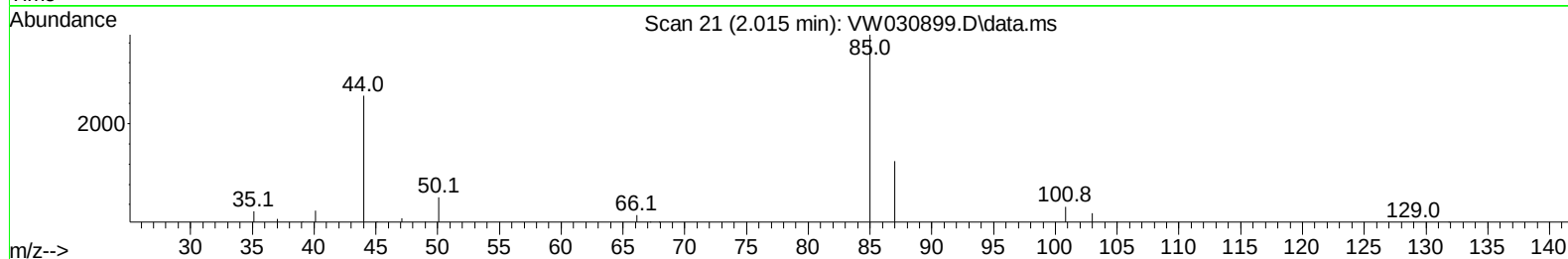
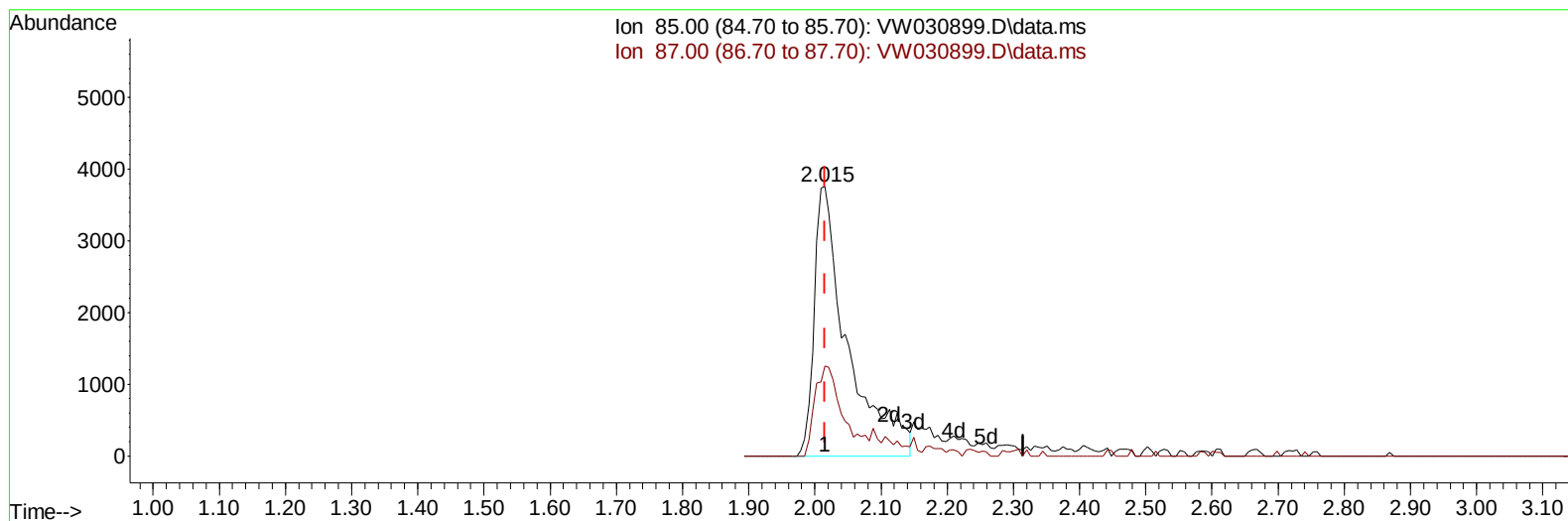
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
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 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (+ 0.000) 3.03 ug/L m

response 13068

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	30.30	25.27
0.00	0.00	0.00
0.00	0.00	0.00

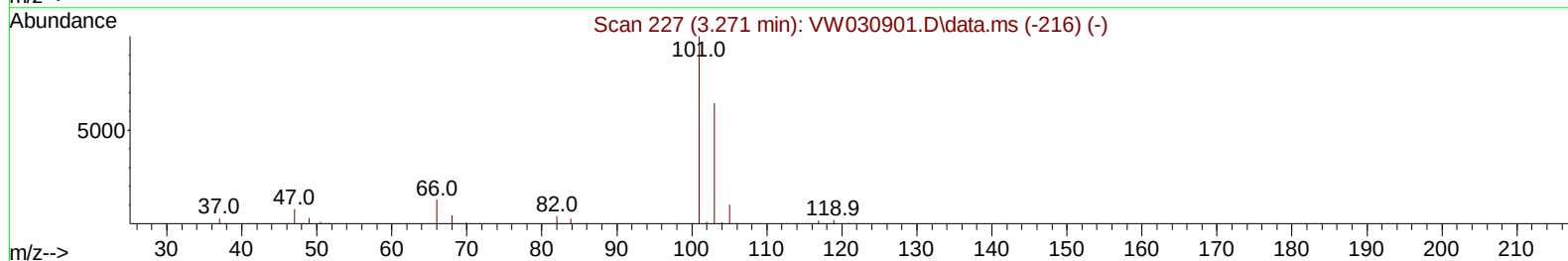
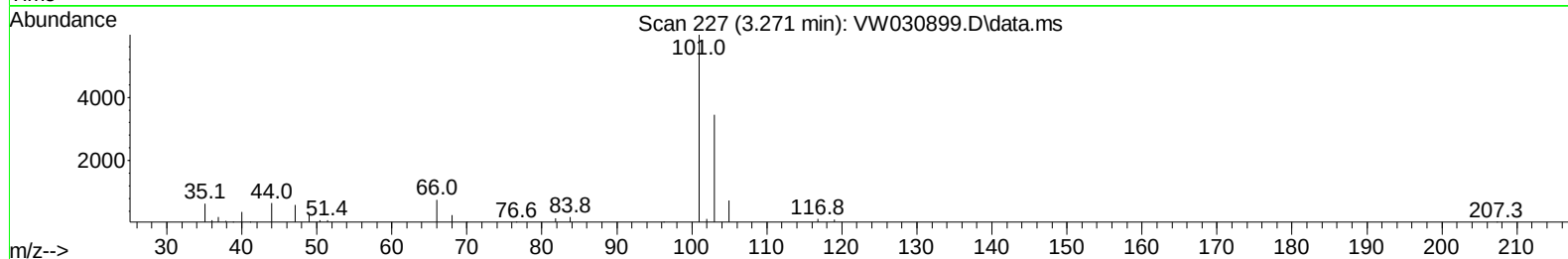
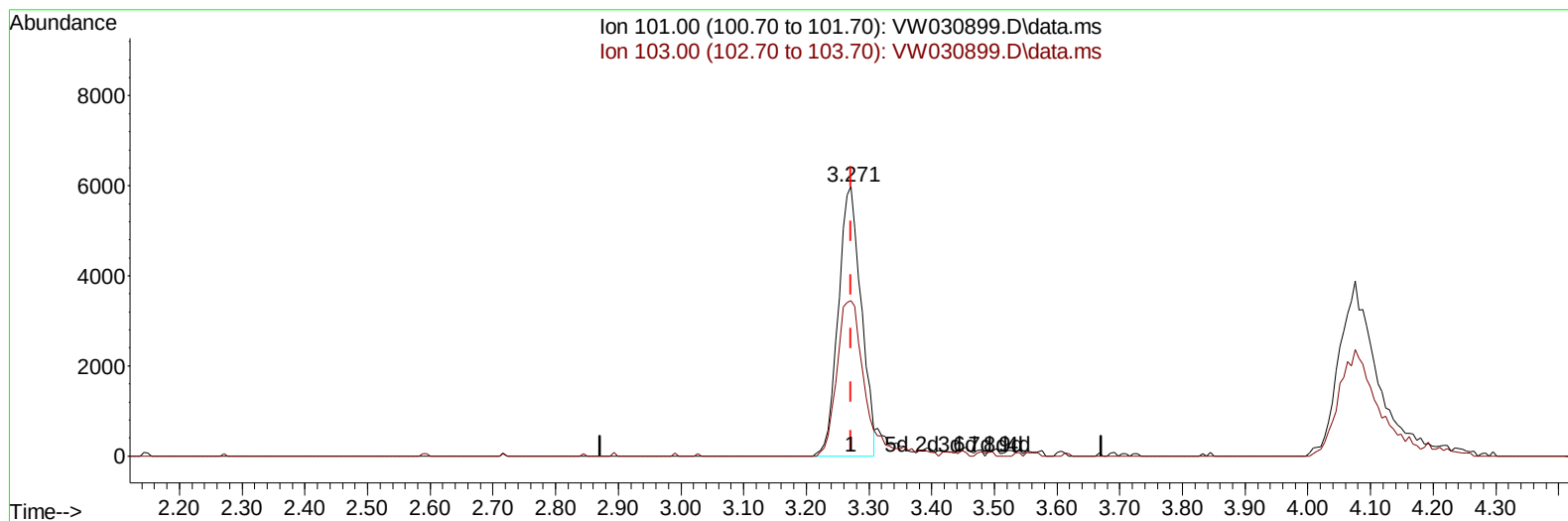
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Data File : VW030899.D
Acq On : 04 Nov 2024 10:15
Operator : SY/MD
Sample : VSTD2.515
Misc : 5.00g/10mL/MSVOA_W/SoIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5415

Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0
QLast Update : Tue Nov 05 00:08:46 2024
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TIC: VW030899.D\data.ms

(9) Trichlorofluoromethane (T)

3.271min (+ 0.000) 2.28 ug/L

response 15194

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	64.70	68.20
0.00	0.00	0.00
0.00	0.00	0.00

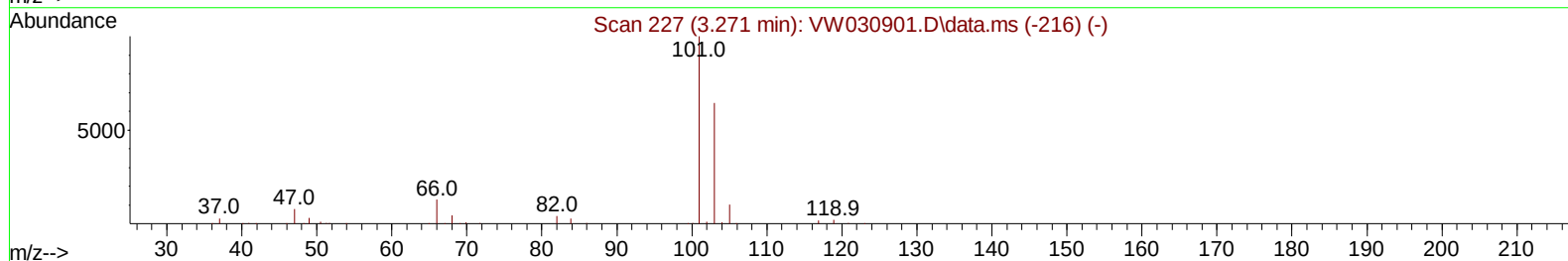
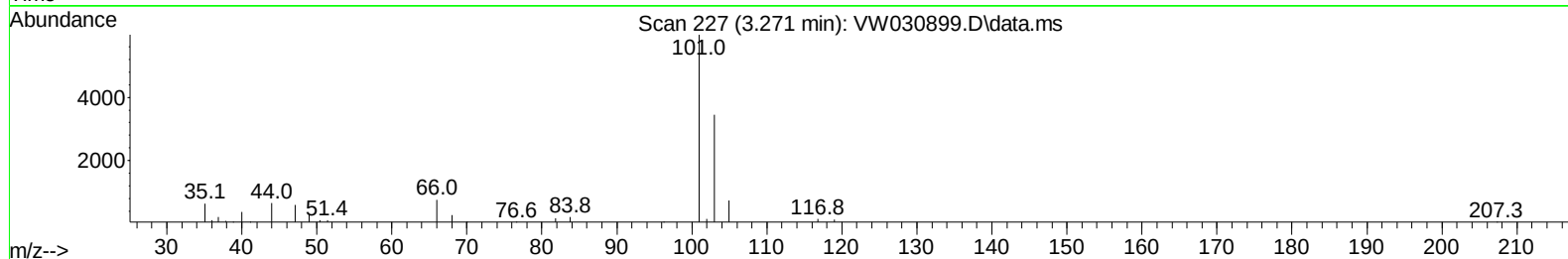
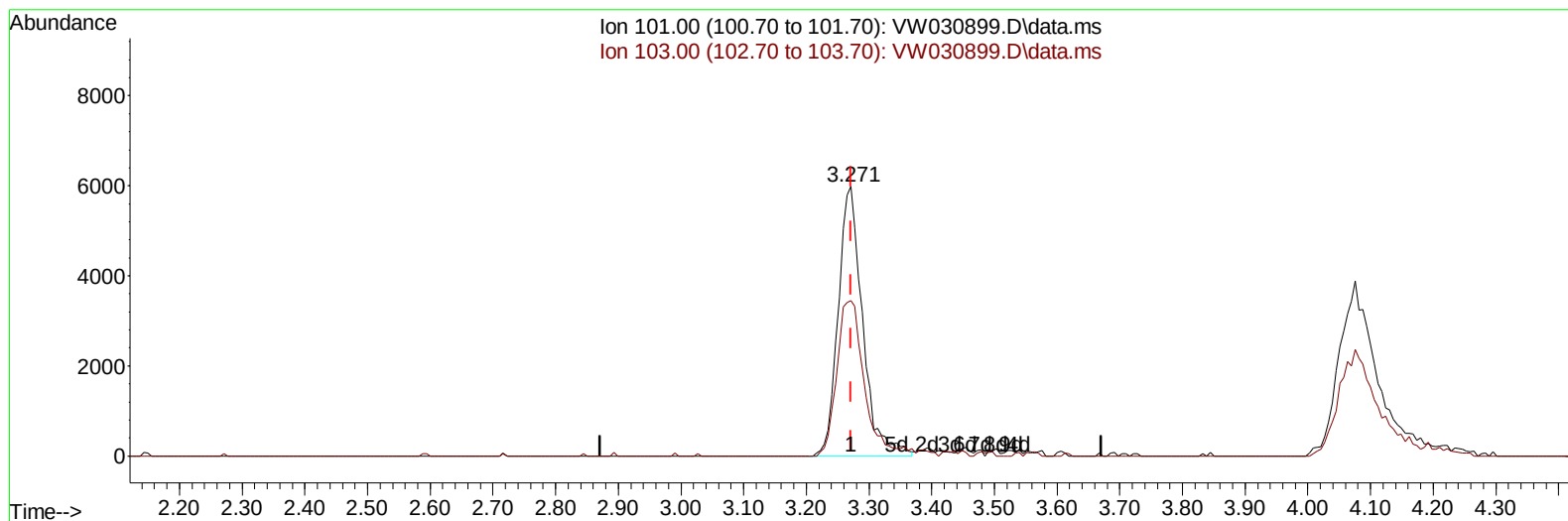
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Instrument :
 MSVOA_W
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW030899.D\data.ms

(9) Trichlorofluoromethane (T)

3.271min (+ 0.000) 2.44 ug/L m

response 16265

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	64.70	63.71
0.00	0.00	0.00
0.00	0.00	0.00

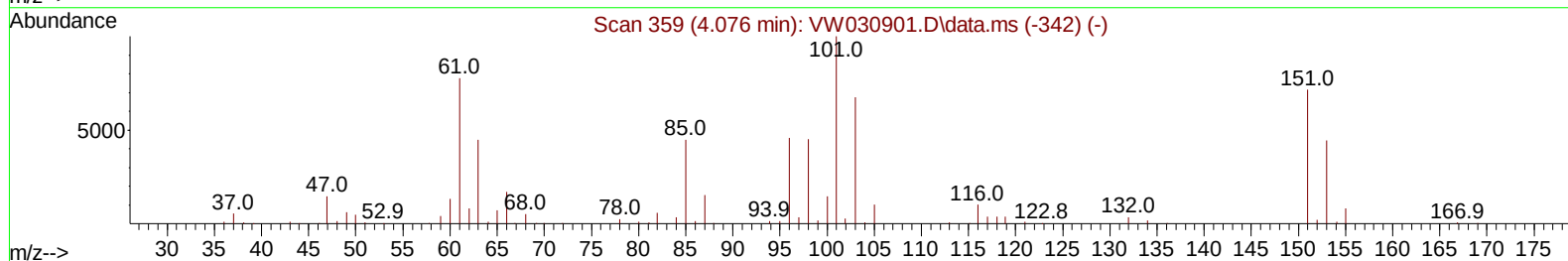
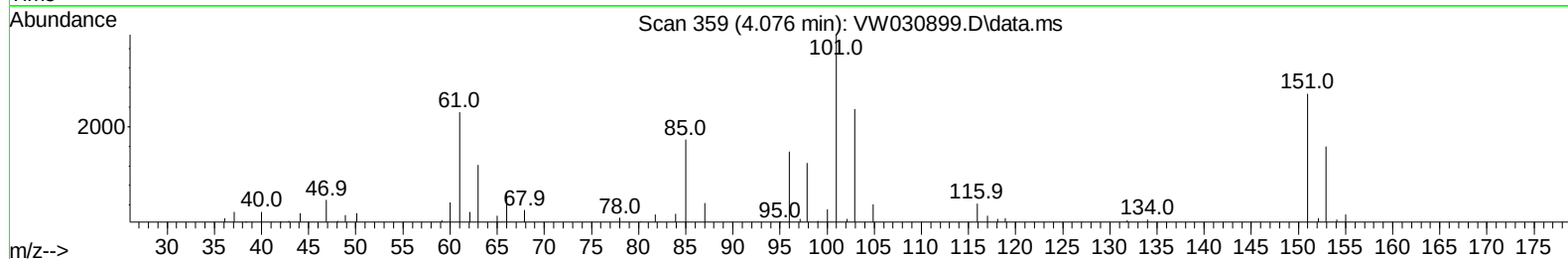
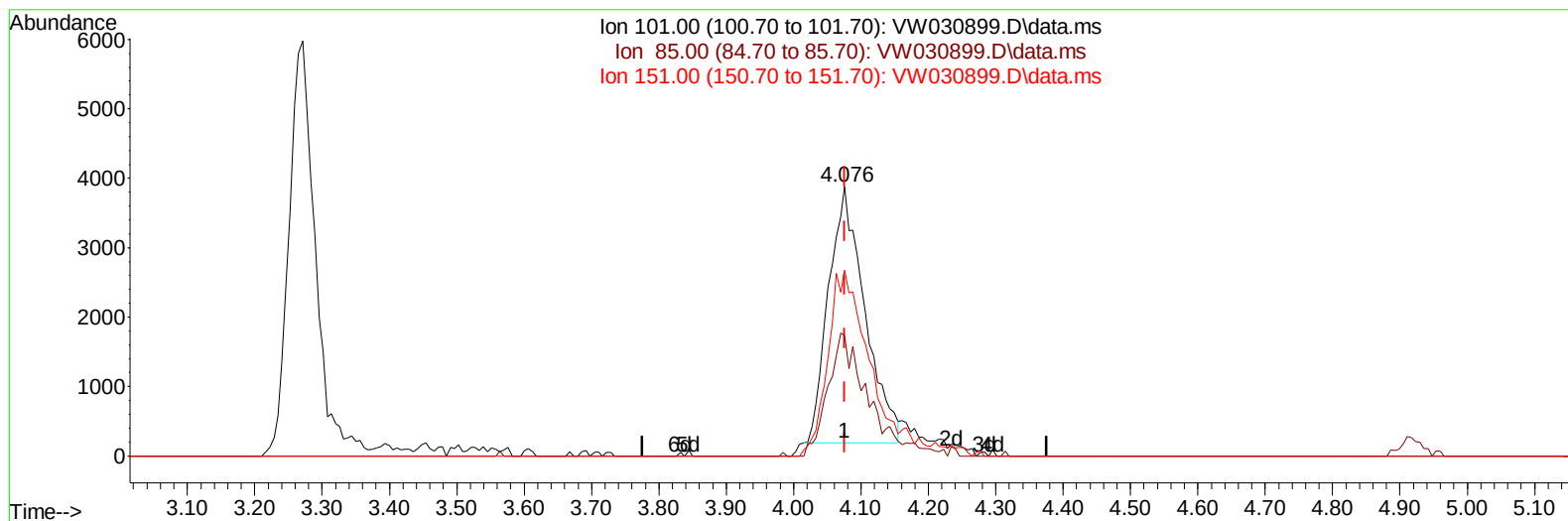
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 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

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Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.076min (+ 0.000) 2.30 ug/L

response 13701

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	41.10	27.52#
151.00	63.80	29.22#
0.00	0.00	0.00

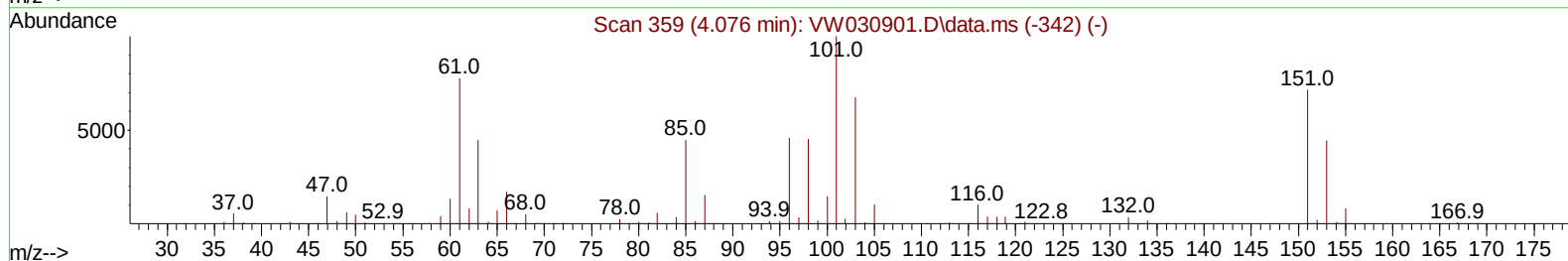
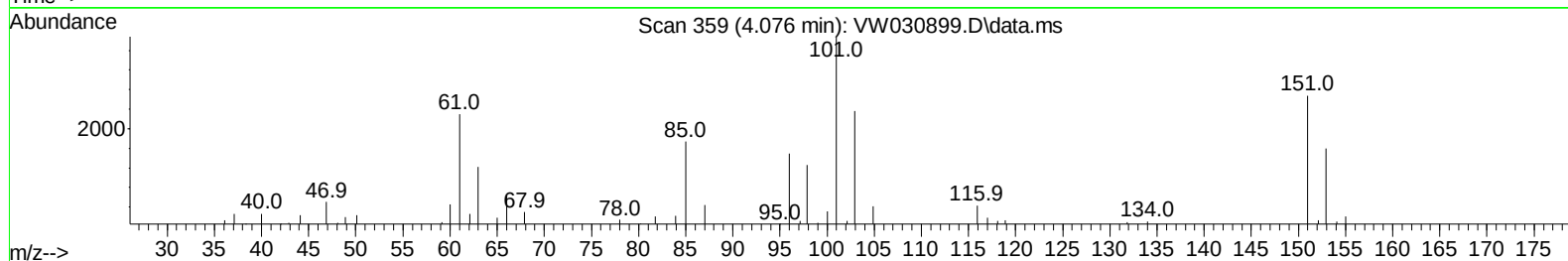
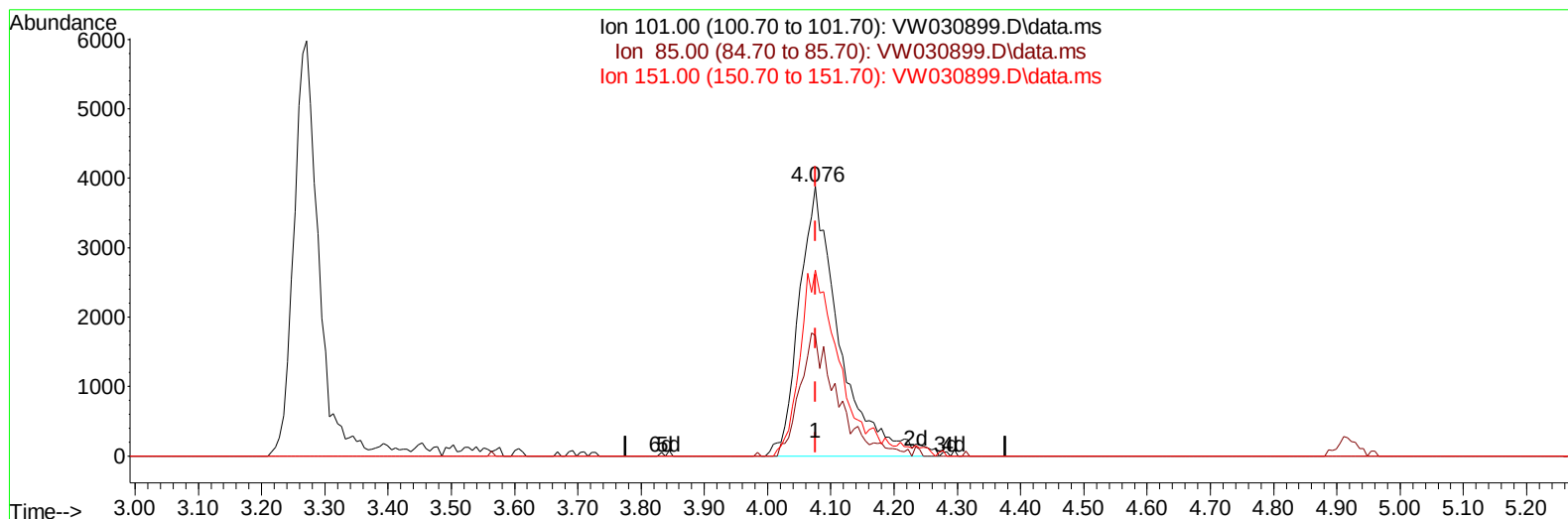
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 Data File : VW030899.D
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 Operator : SY/MD
 Sample : VSTD2.515
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

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Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.076min (+ 0.000) 2.86 ug/L m

response 17013

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	41.10	22.16#
151.00	63.80	23.53#
0.00	0.00	0.00

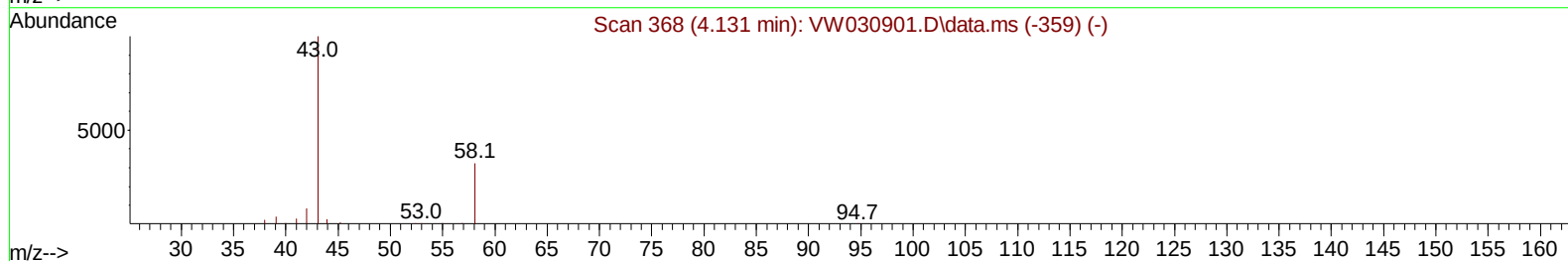
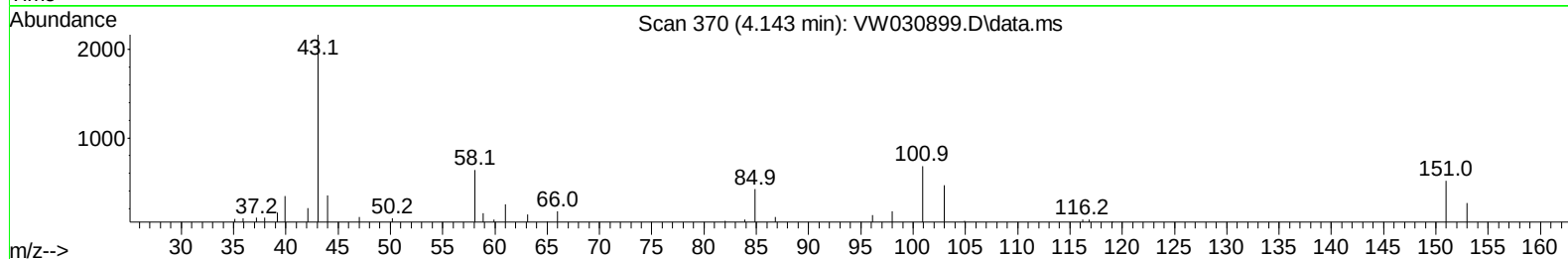
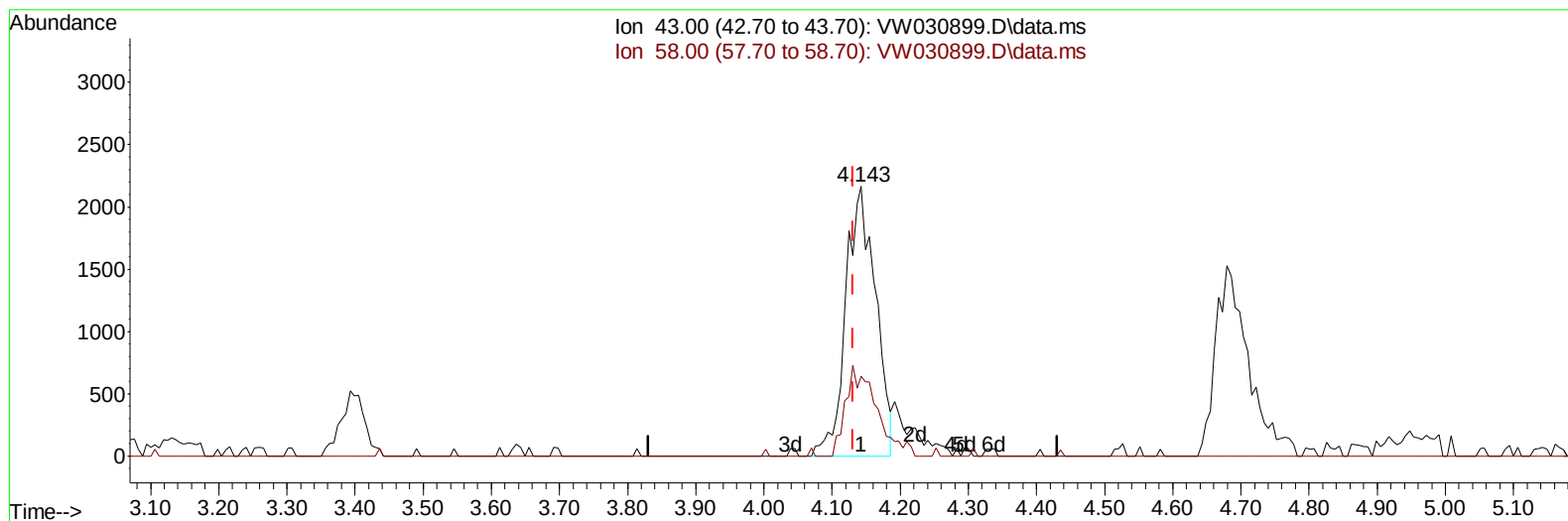
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Operator : SY/MD
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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5415

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/05/2024
Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 05 00:09:15 2024
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Quant Title : SFAM01.0
QLast Update : Tue Nov 05 00:08:46 2024
Response via : Initial Calibration



TIC: VW030899.D\data.ms

(13) Acetone (T)

4.143min (+ 0.012) 4.77 ug/L

response 6578

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.30	14.08
0.00	0.00	0.00
0.00	0.00	0.00

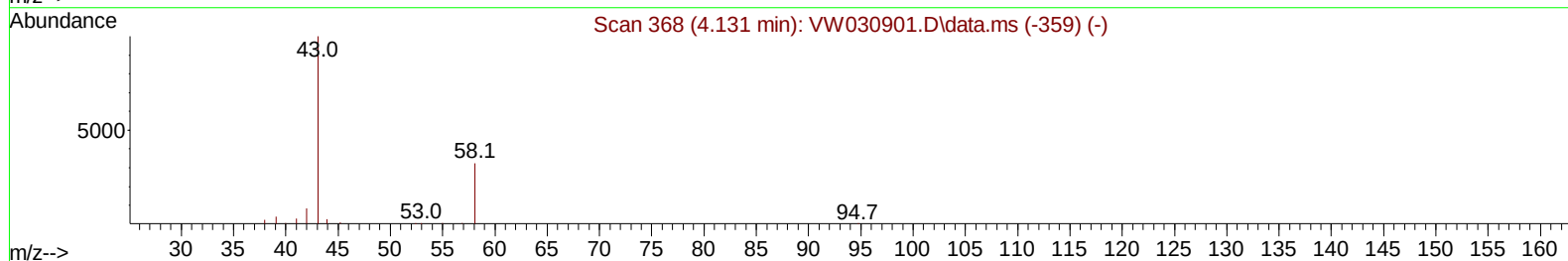
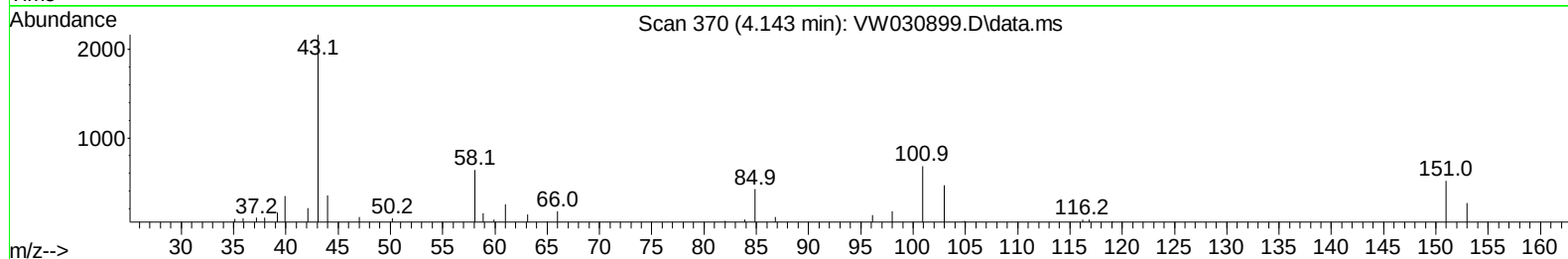
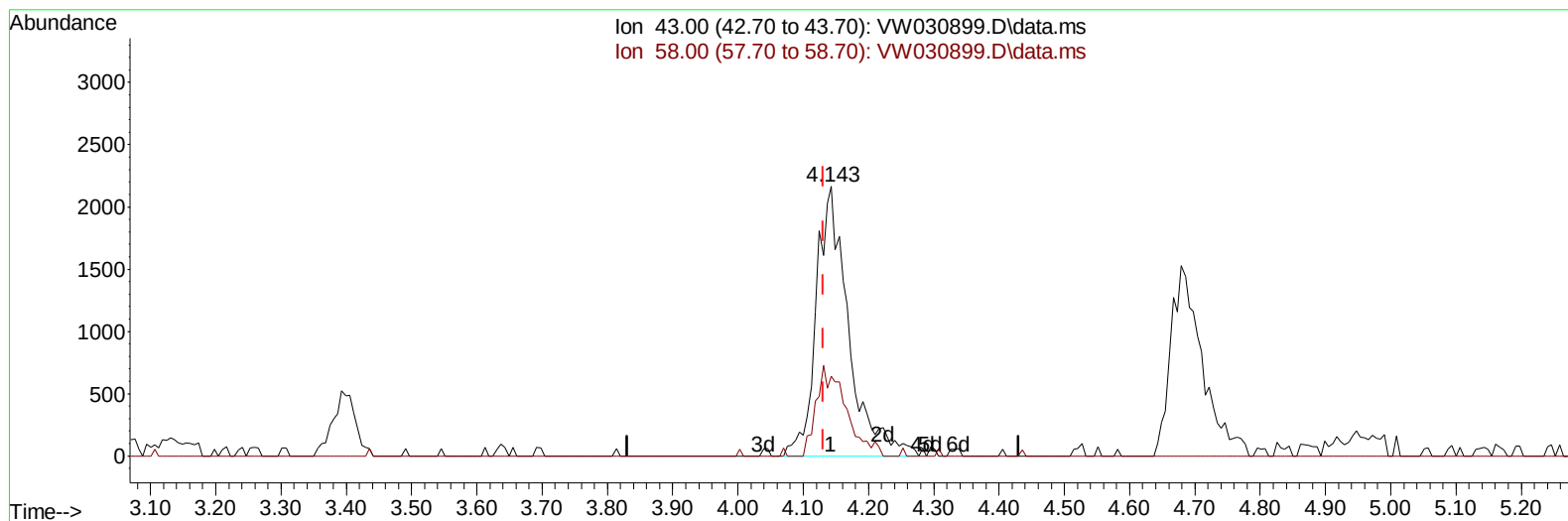
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 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.515
 Misc : 5.00g/10mL/MSVOA_W/SoIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

(13) Acetone (T)

4.143min (+ 0.012) 5.40 ug/L m

response 7451

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	31.30	12.43
0.00	0.00	0.00
0.00	0.00	0.00

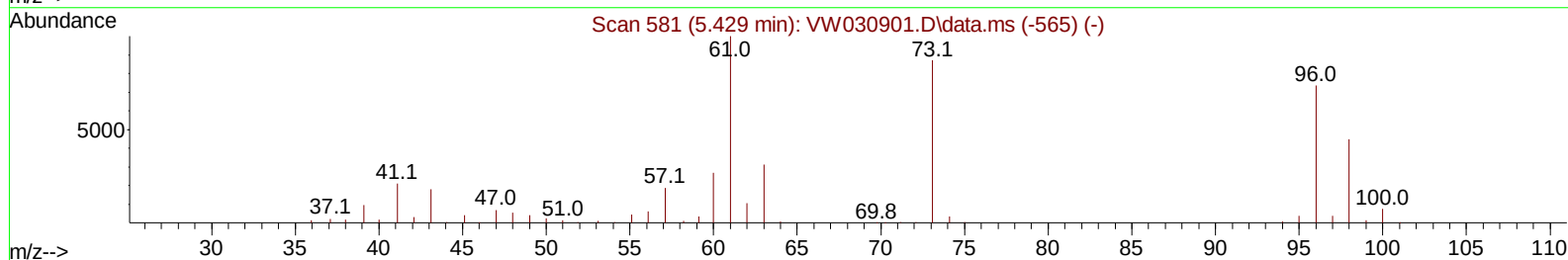
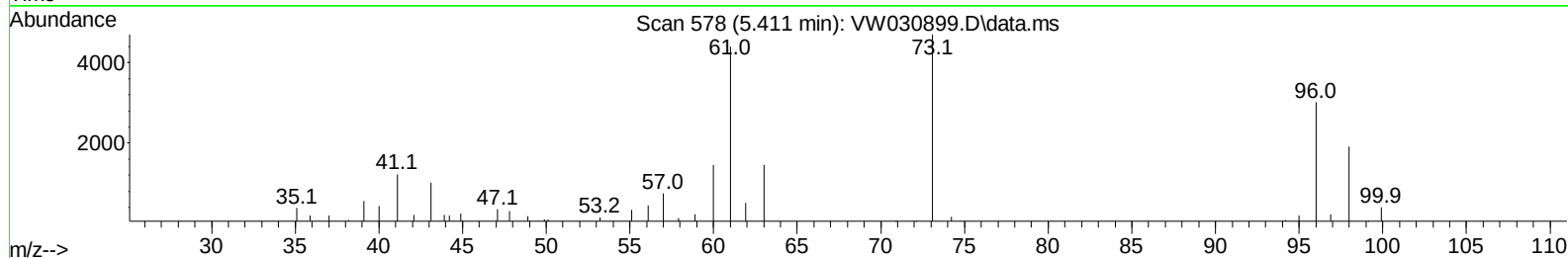
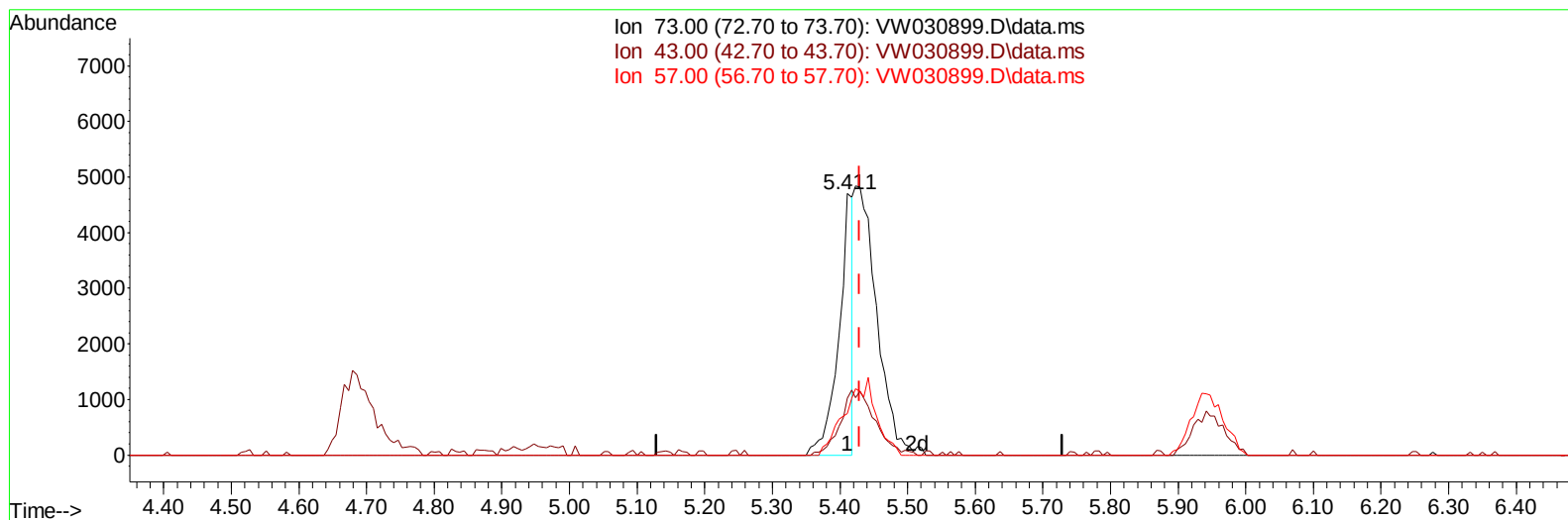
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Instrument :
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 ClientSampleId :
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TIC: VW030899.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.411min (-0.018) 0.81 ug/L

response 6766

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.20	29.29#
57.00	21.60	41.53#
0.00	0.00	0.00

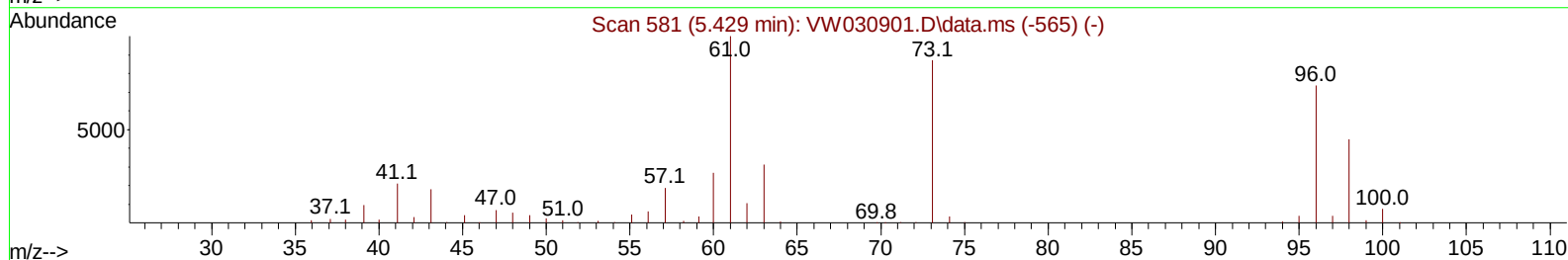
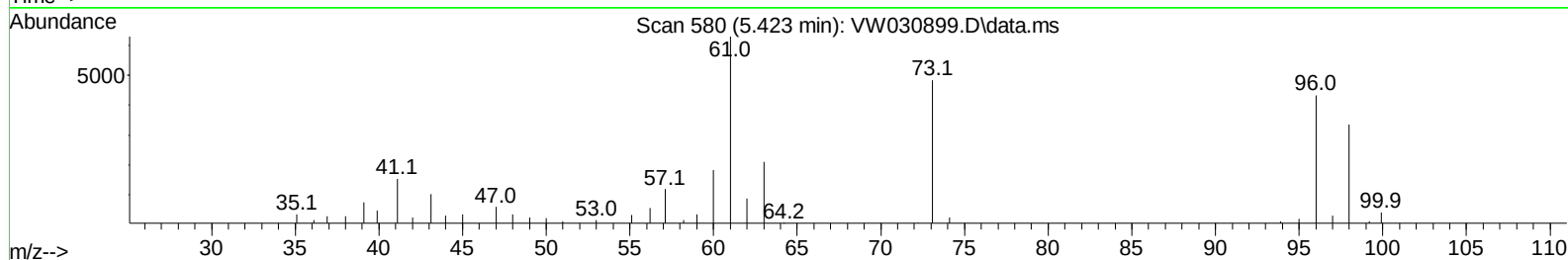
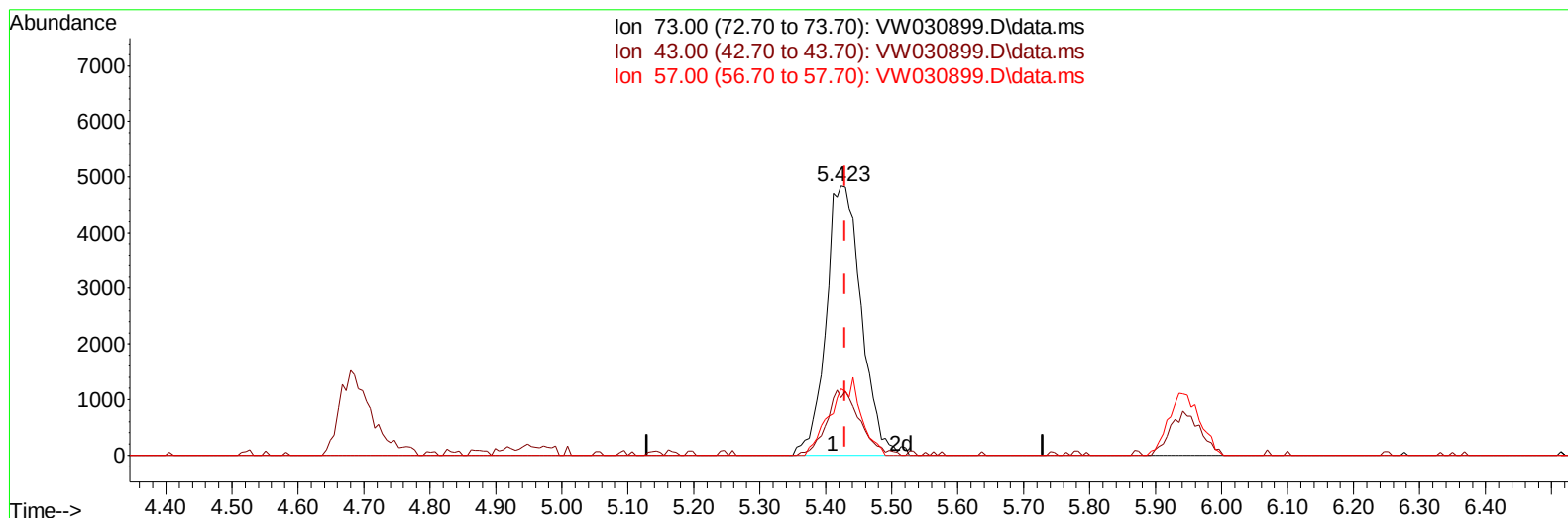
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Manual IntegrationsAPPROVED

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TIC: VW030899.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.423min (-0.006) 2.16 ug/L m

response 17958

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	20.20	11.04#
57.00	21.60	15.65#
0.00	0.00	0.00

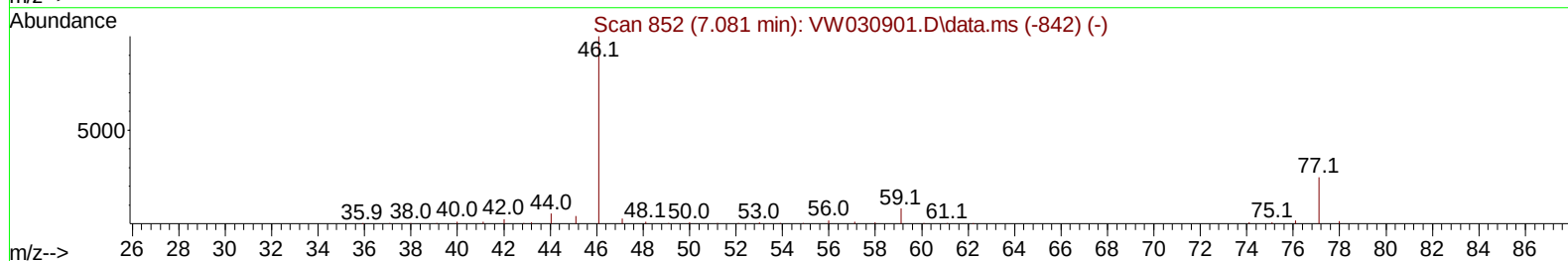
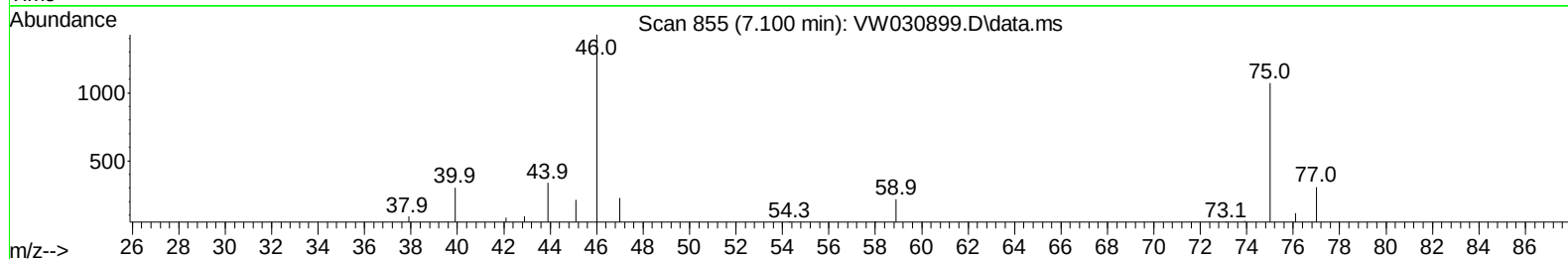
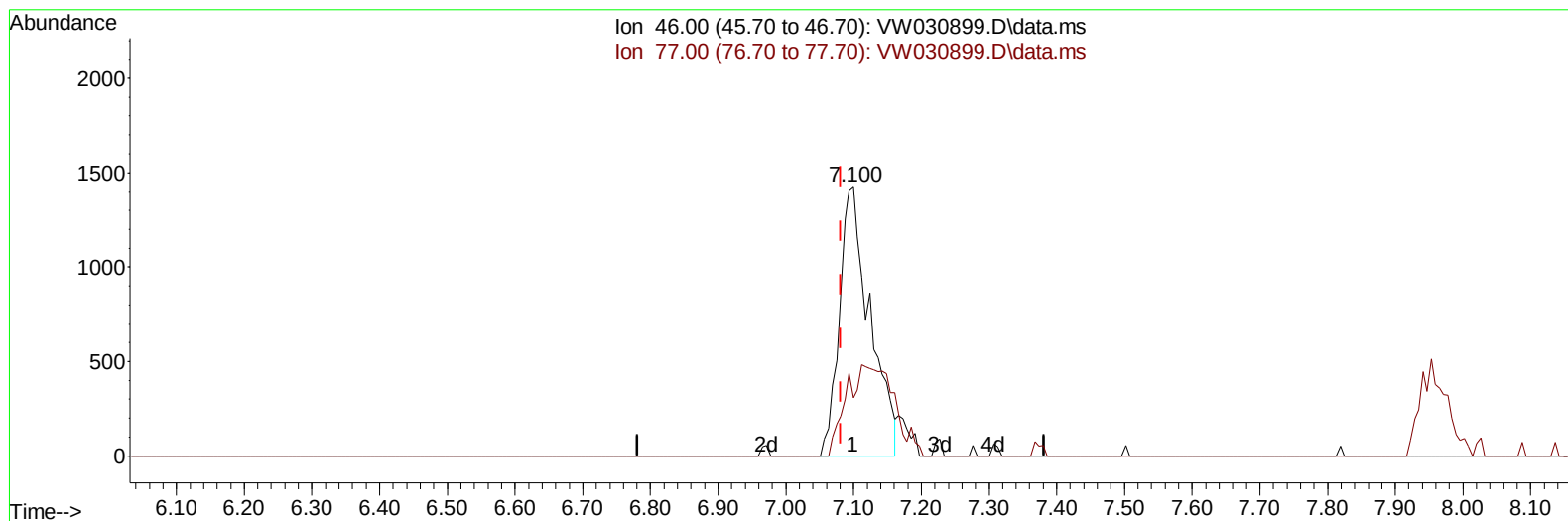
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Instrument :
MSVOA_W
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW030899.D\data.ms

(21) 2-Butanone-d5 (S)

7.100min (+ 0.018) 3.83 ug/L

response 4447

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.00	12.57#
0.00	0.00	0.00
0.00	0.00	0.00

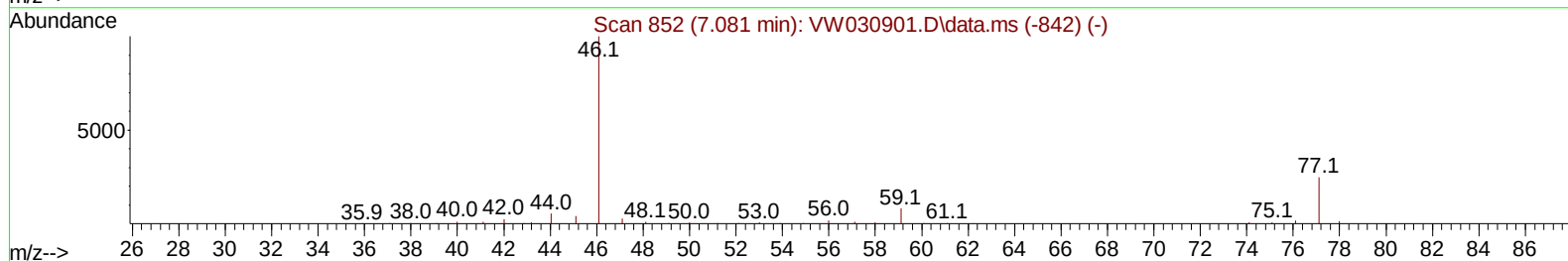
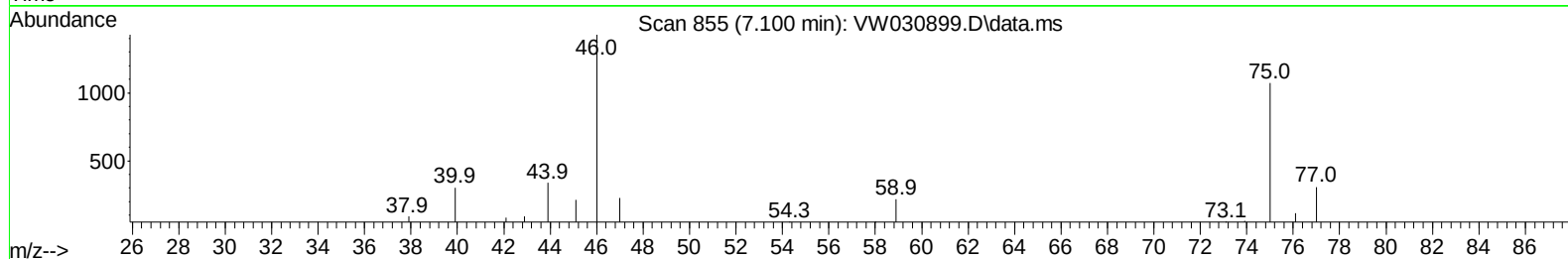
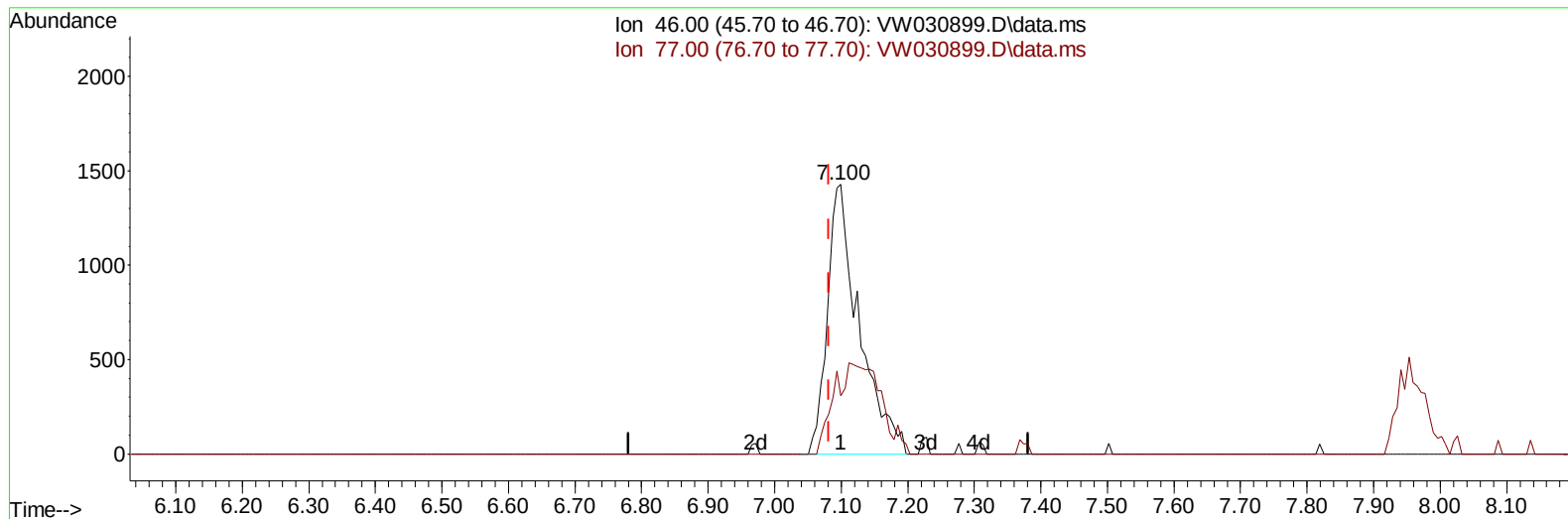
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Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5415

Manual IntegrationsAPPROVED

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TIC: VW030899.D\data.ms

(21) 2-Butanone-d5 (S)

7.100min (+ 0.018) 4.07 ug/L m

response 4726

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.00	11.83#
0.00	0.00	0.00
0.00	0.00	0.00

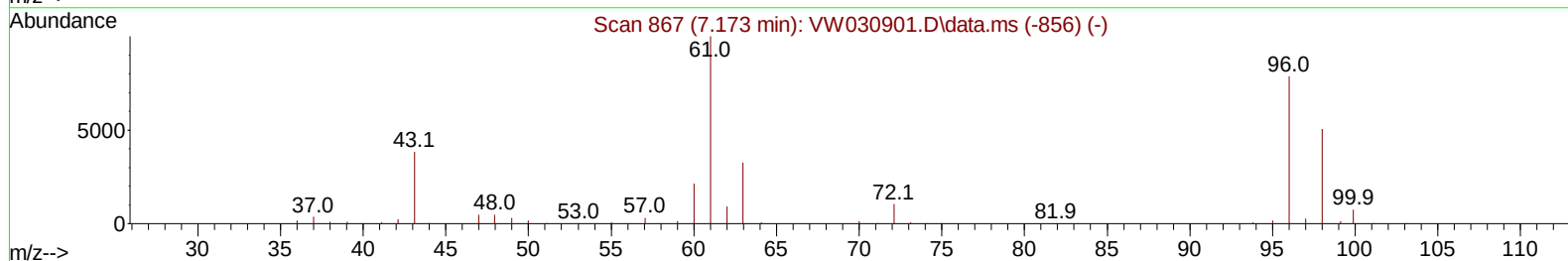
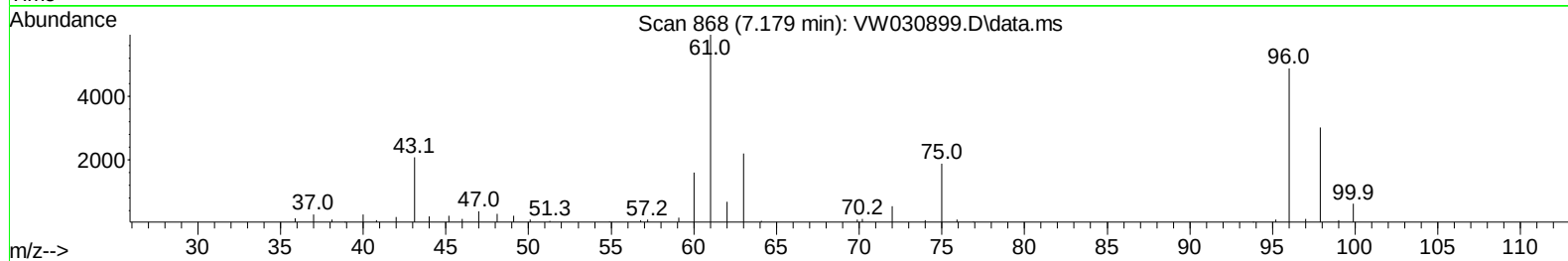
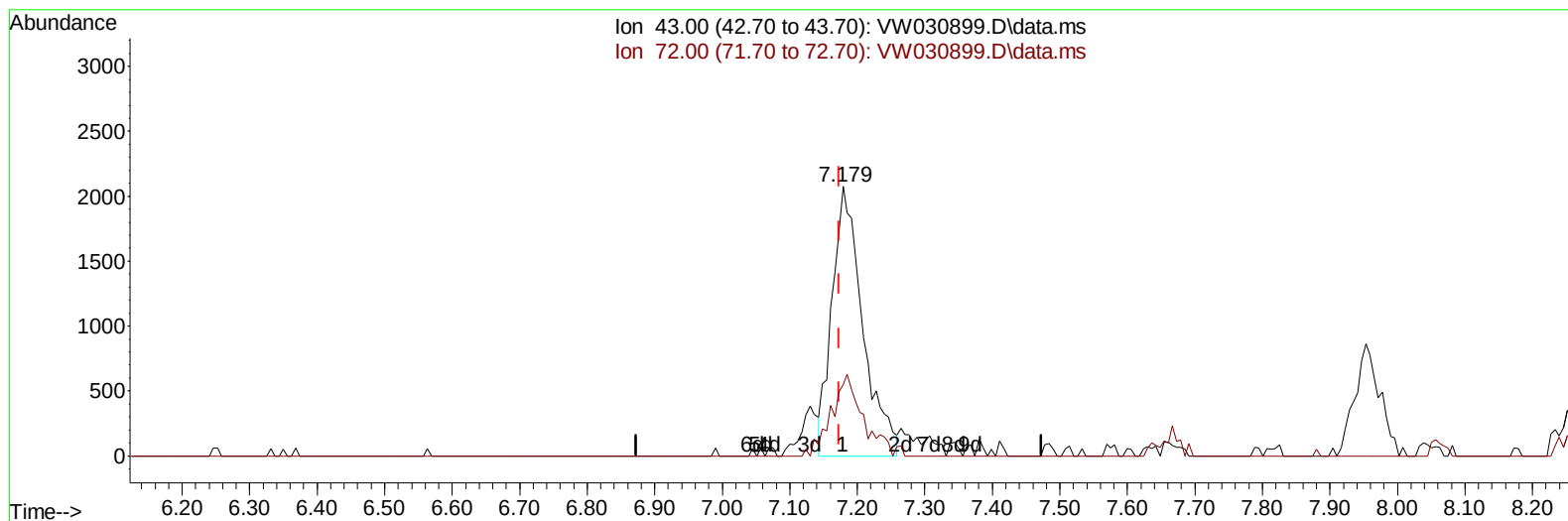
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Instrument :
 MSVOA_W
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VW030899.D\data.ms

(22) 2-Butanone (T)

7.179min (+ 0.006) 4.10 ug/L

response 6523

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.10	26.37
0.00	0.00	0.00
0.00	0.00	0.00

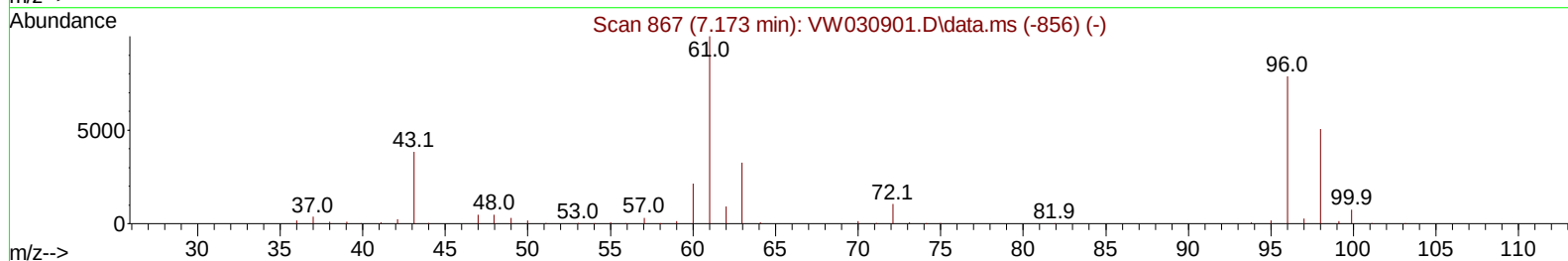
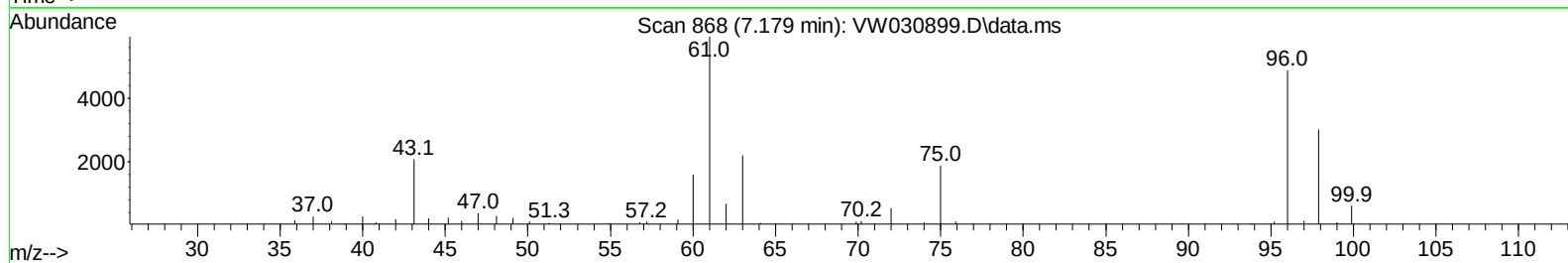
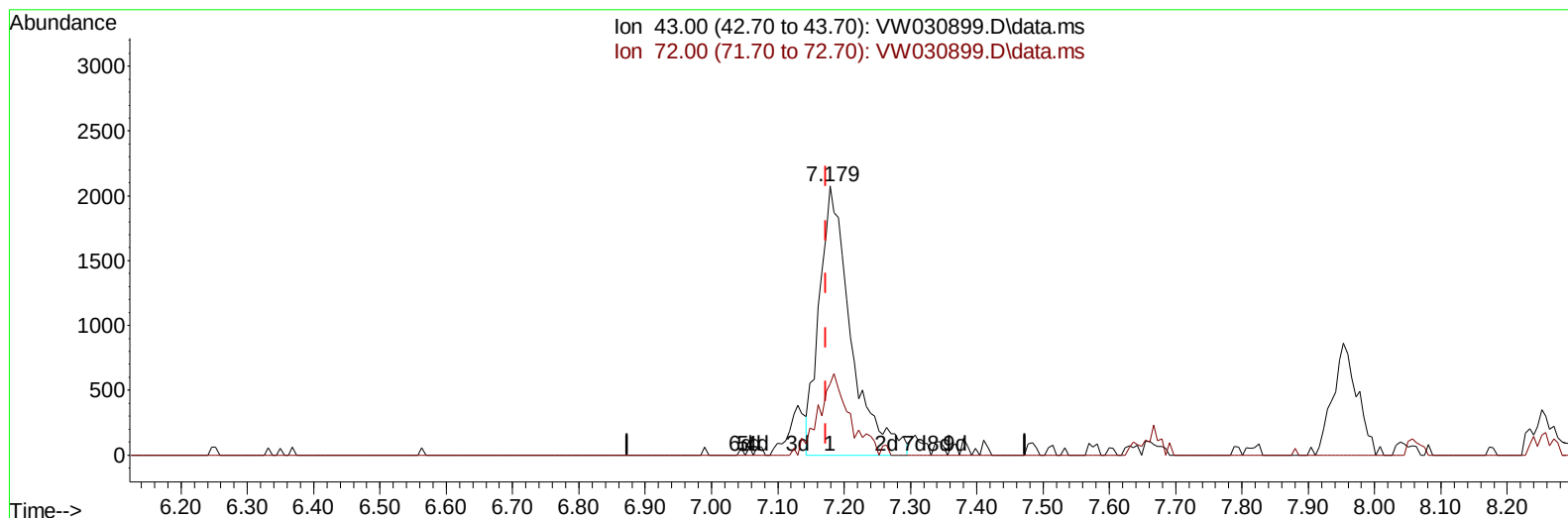
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

(22) 2-Butanone (T)

7.179min (+ 0.006) 4.30 ug/L m

response 6846

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	29.10	25.12
0.00	0.00	0.00
0.00	0.00	0.00

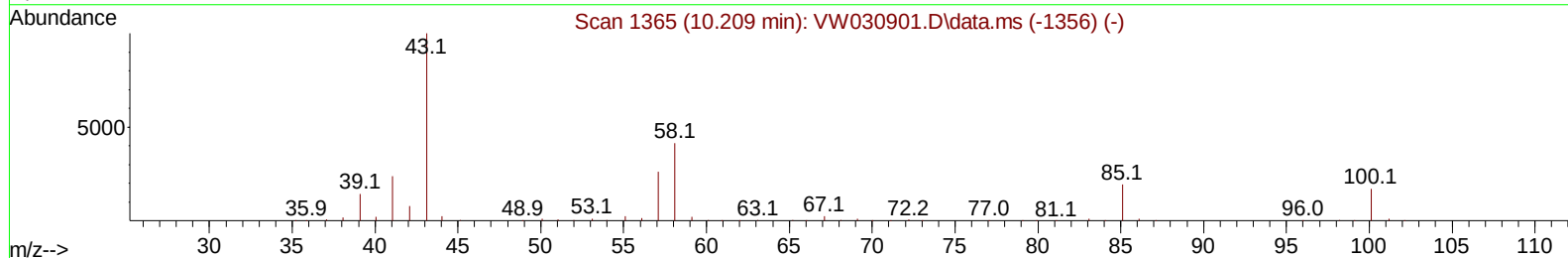
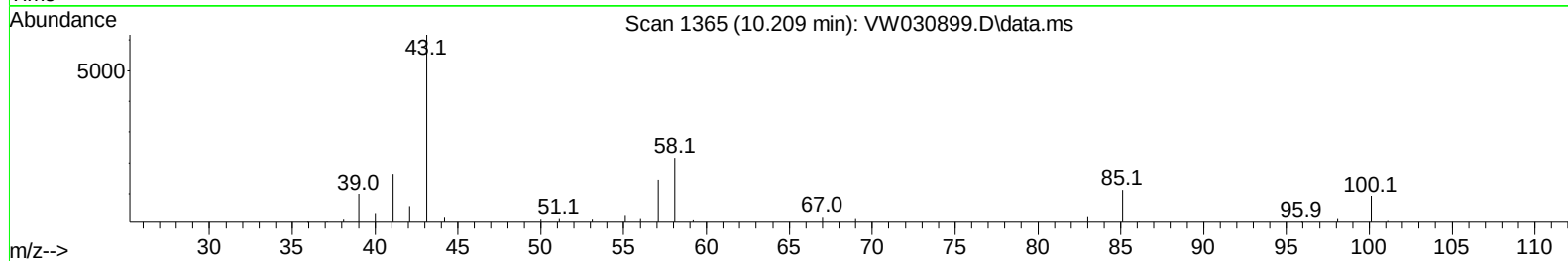
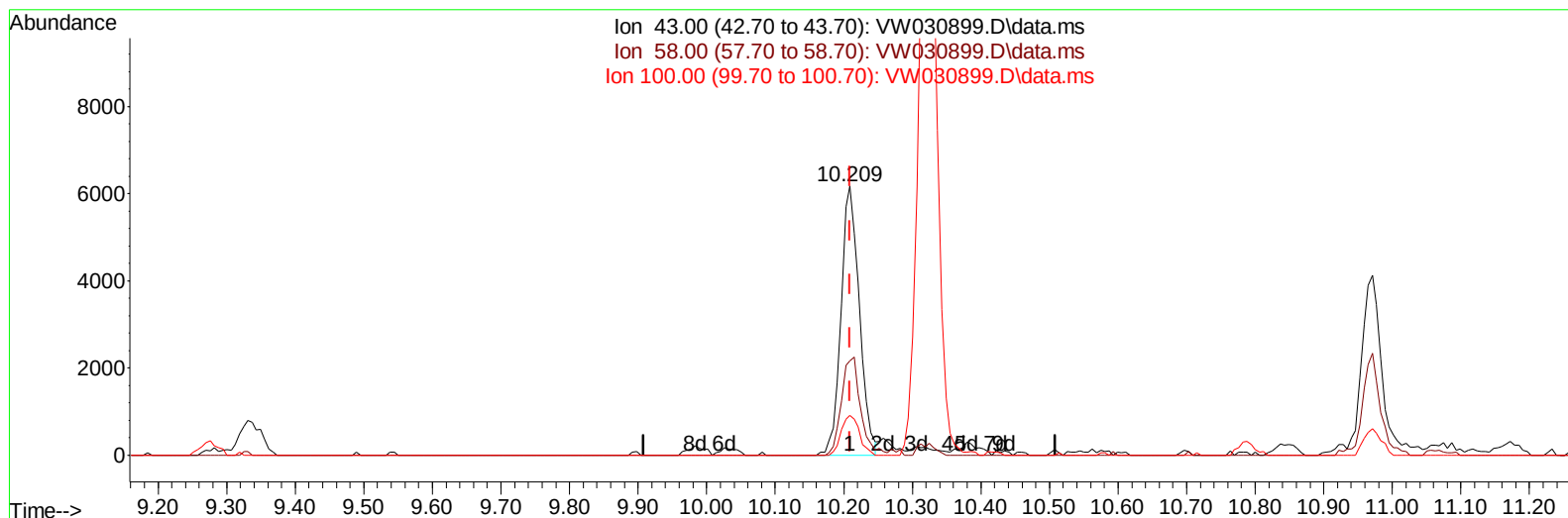
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

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

10.209min (+ 0.000) 3.90 ug/L

response 11496

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	40.30	37.94
100.00	16.60	14.67
0.00	0.00	0.00

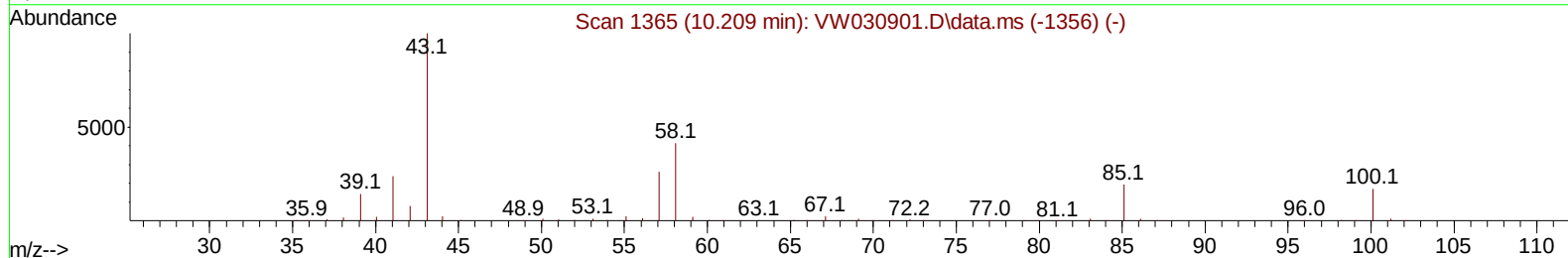
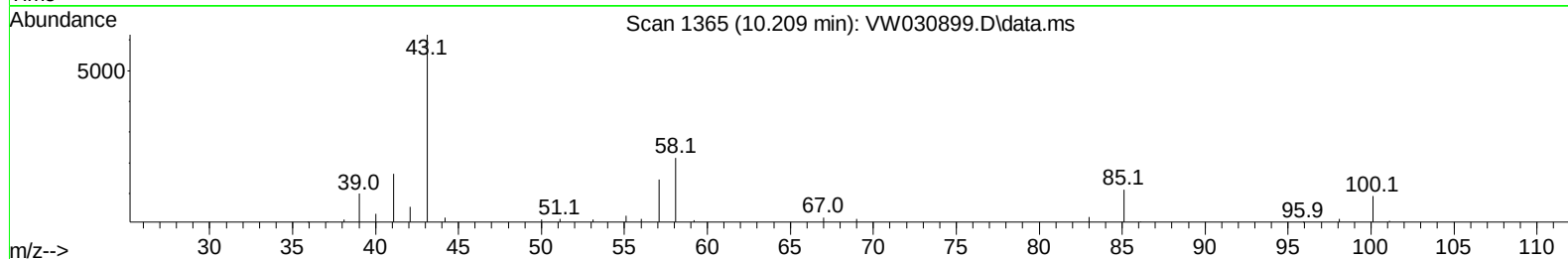
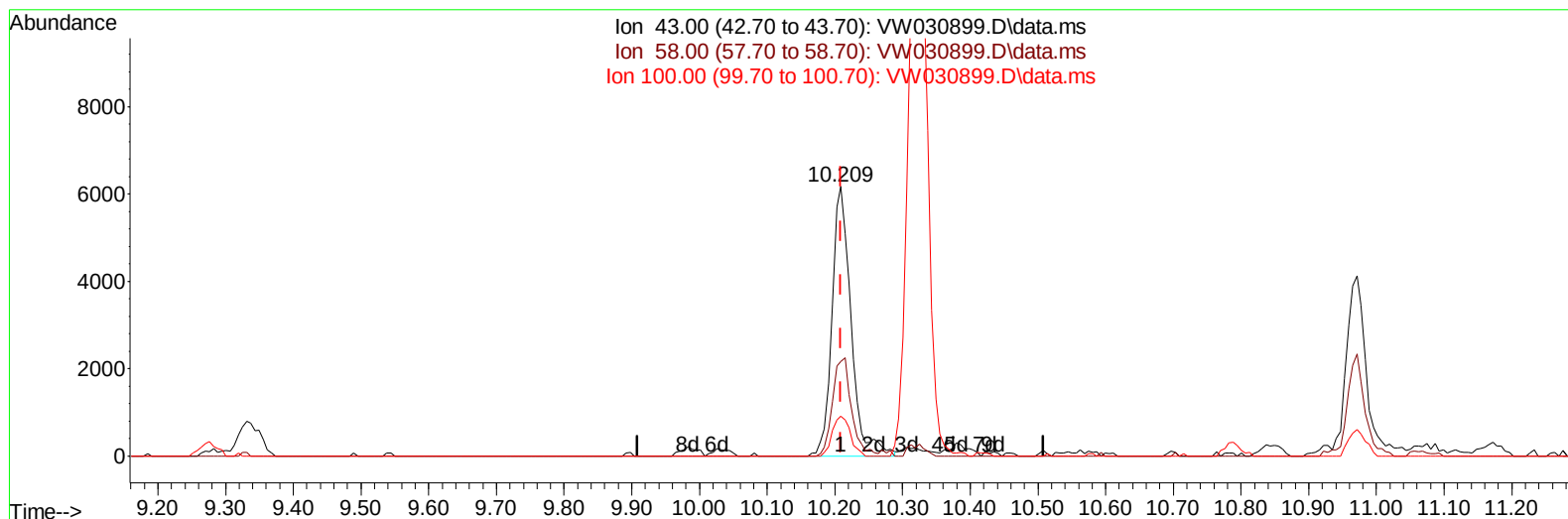
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110424\
 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024



TIC: VW030899.D\data.ms

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

10.209min (+ 0.000) 4.10 ug/L m

response 12078

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	40.30	36.12
100.00	16.60	13.96
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw110424\
 Data File : VW030899.D
 Acq On : 04 Nov 2024 10:15
 Operator : SY/MD
 Sample : VSTD2.515
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	434671	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	403458	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	190312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19458	2.729	ug/L	0.00
7) Chloroethane-d5	2.899	69	13546	2.477	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	7016	2.385	ug/L	0.00
21) 2-Butanone-d5	7.100	46	4726m	4.067	ug/L	0.02
24) Chloroform-d	7.648	84	28419	2.218	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	14273	2.240	ug/L	0.00
32) Benzene-d6	8.270	84	52096	2.078	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	15795	2.138	ug/L	0.00
41) Toluene-d8	10.325	98	43280	1.925	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	5735	1.915	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	2671	2.789	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10535	2.046	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	14691	2.119	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	13068m	3.028	ug/L	
3) Chloromethane	2.223	50	15927	2.553	ug/L	100
5) Vinyl chloride	2.375	62	19218	2.599	ug/L	98
6) Bromomethane	2.789	94	13474	2.775	ug/L	92
8) Chloroethane	2.930	64	11631	2.595	ug/L	94
9) Trichlorofluoromethane	3.271	101	16265m	2.441	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	17013m	2.861	ug/L	
12) 1,1-Dichloroethene	4.039	96	13530	2.408	ug/L	99
13) Acetone	4.143	43	7451m	5.403	ug/L	
14) Carbon disulfide	4.387	76	45665	2.472	ug/L #	95
15) Methyl Acetate	4.679	43	4770	2.270	ug/L #	64
16) Methylene chloride	4.917	84	17710	2.882	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	14495	2.352	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	17958m	2.159	ug/L	
19) 1,1-Dichloroethane	6.216	63	28530	2.480	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	14709	2.250	ug/L	98
22) 2-Butanone	7.179	43	6846m	4.301	ug/L	
23) Bromochloromethane	7.520	128	6788	2.370	ug/L	97
25) Chloroform	7.673	83	31246	2.582	ug/L	92
27) 1,2-Dichloroethane	8.398	62	19024	2.524	ug/L	97
29) Cyclohexane	7.953	56	19225	1.988	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	25573	2.468	ug/L	100
31) Carbon tetrachloride	8.069	117	23145	2.485	ug/L	99
33) Benzene	8.325	78	58983	2.268	ug/L	100
34) Trichloroethene	9.087	95	17225	2.402	ug/L	93
35) Methylcyclohexane	9.331	83	25102	2.209	ug/L	96
37) 1,2-Dichloropropane	9.368	63	15366	2.364	ug/L #	92
38) Bromodichloromethane	9.642	83	20216	2.369	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	19604	2.016	ug/L	91
40) 4-Methyl-2-pentanone	10.209	43	12078m	4.096	ug/L	
42) Toluene	10.386	91	59940	2.177	ug/L	100

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Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5415

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/05/2024
 Supervised By :Mahesh Dadoda 11/06/2024

Quant Time: Nov 05 00:09:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 05 00:08:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.605	75	16826	2.083	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	11520	2.469	ug/L	93
46) Tetrachloroethene	10.861	164	13263	2.419	ug/L	94
48) 2-Hexanone	10.971	43	8342	3.689	ug/L	94
49) Dibromochloromethane	11.129	129	11776	2.315	ug/L	98
50) 1,2-Dibromoethane	11.233	107	9829	2.285	ug/L #	98
51) Chlorobenzene	11.654	112	42208	2.395	ug/L	95
52) Ethylbenzene	11.727	91	65938	2.119	ug/L	94
53) m,p-Xylene	11.837	106	24543	2.097	ug/L	90
54) o-Xylene	12.166	106	21499	1.997	ug/L	96
55) Styrene	12.178	104	35407	1.925	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	12083	2.373	ug/L #	97
59) Bromoform	12.349	173	6176	2.273	ug/L	98
60) Isopropylbenzene	12.458	105	60248	2.075	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	8731	2.447	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	45334	1.983	ug/L	96
63) 1,2,4-Trimethylbenzene	13.251	105	42286	1.900	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	30653	2.405	ug/L	88
65) 1,4-Dichlorobenzene	13.574	146	33217	2.538	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	28477	2.507	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	1783	2.360	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	21099	2.494	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	15937	2.373	ug/L	98
71) Naphthalene	15.360	128	19773	1.816	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	13392	2.314	ug/L	97

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

