

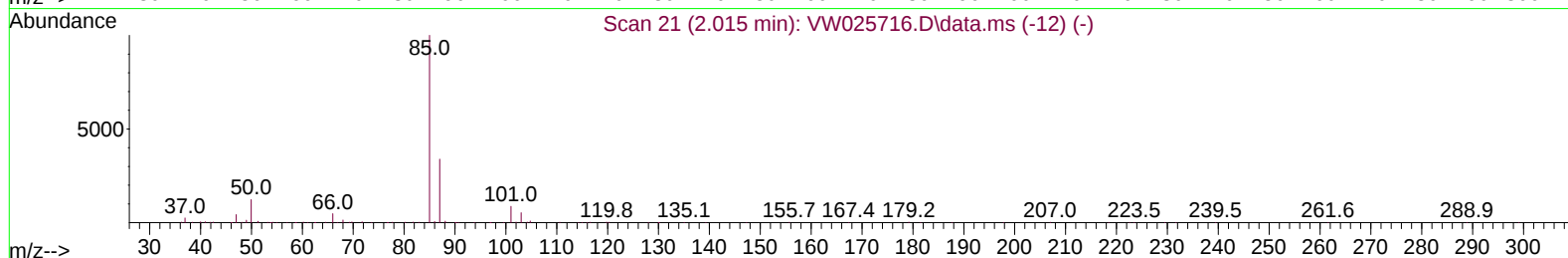
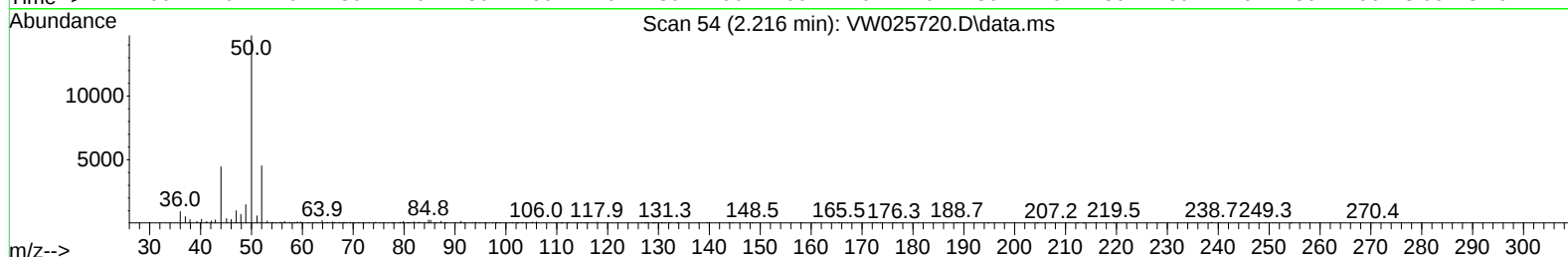
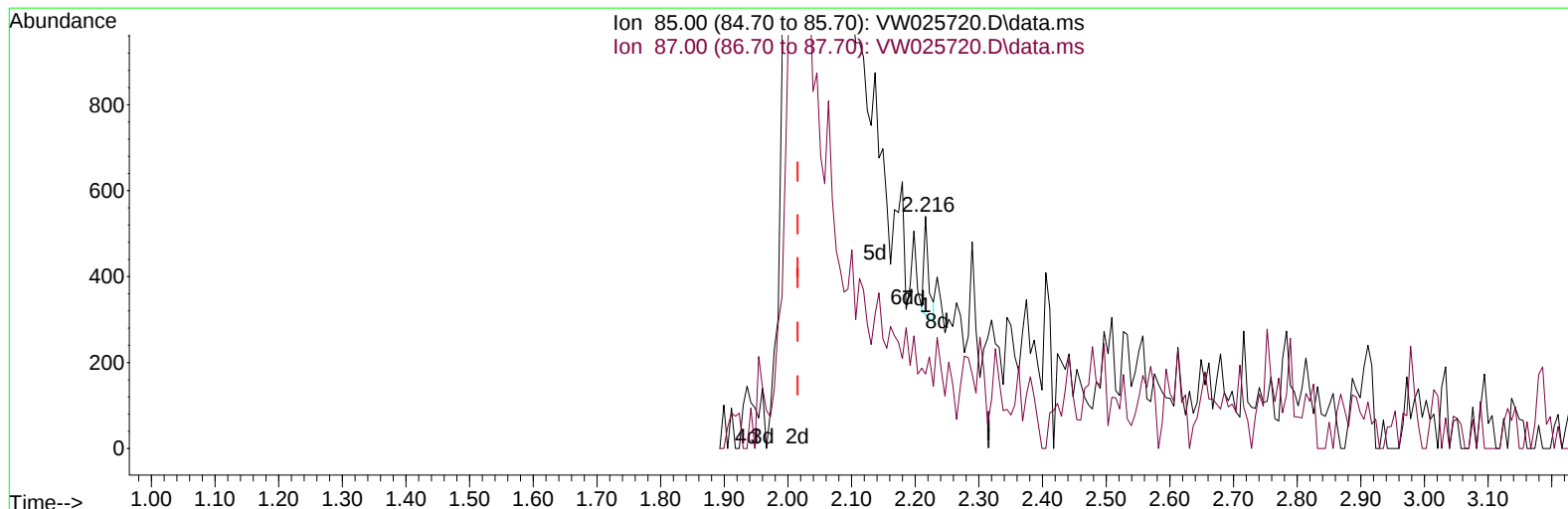
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023



TIC: VW025720.D\data.ms

(2) Dichlorodifluoromethane (T)

2.216min (+ 0.201) 0.01 ug/L

response 117

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.60	23.08
0.00	0.00	0.00
0.00	0.00	0.00

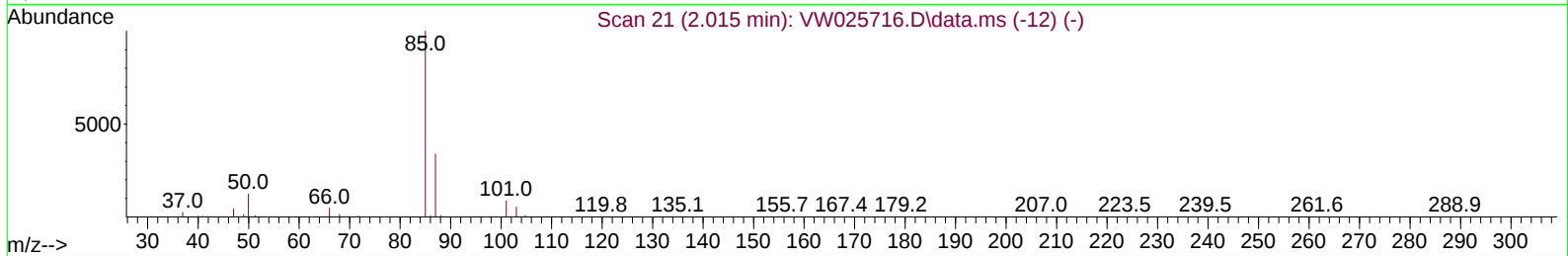
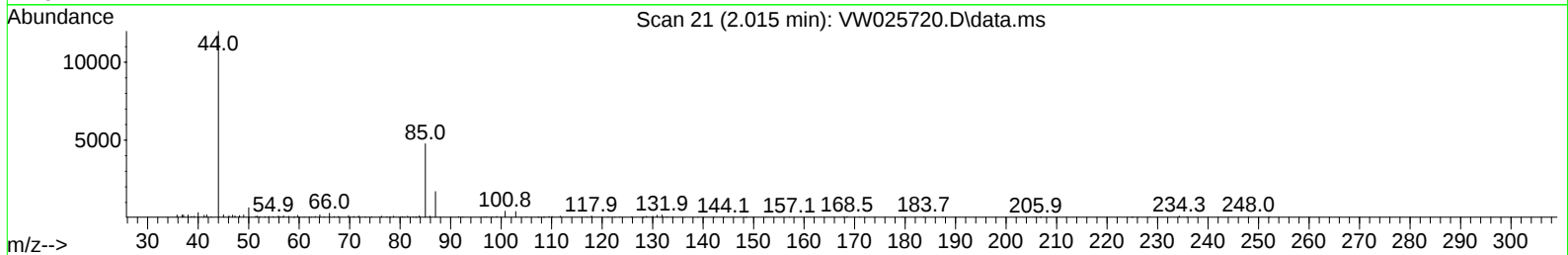
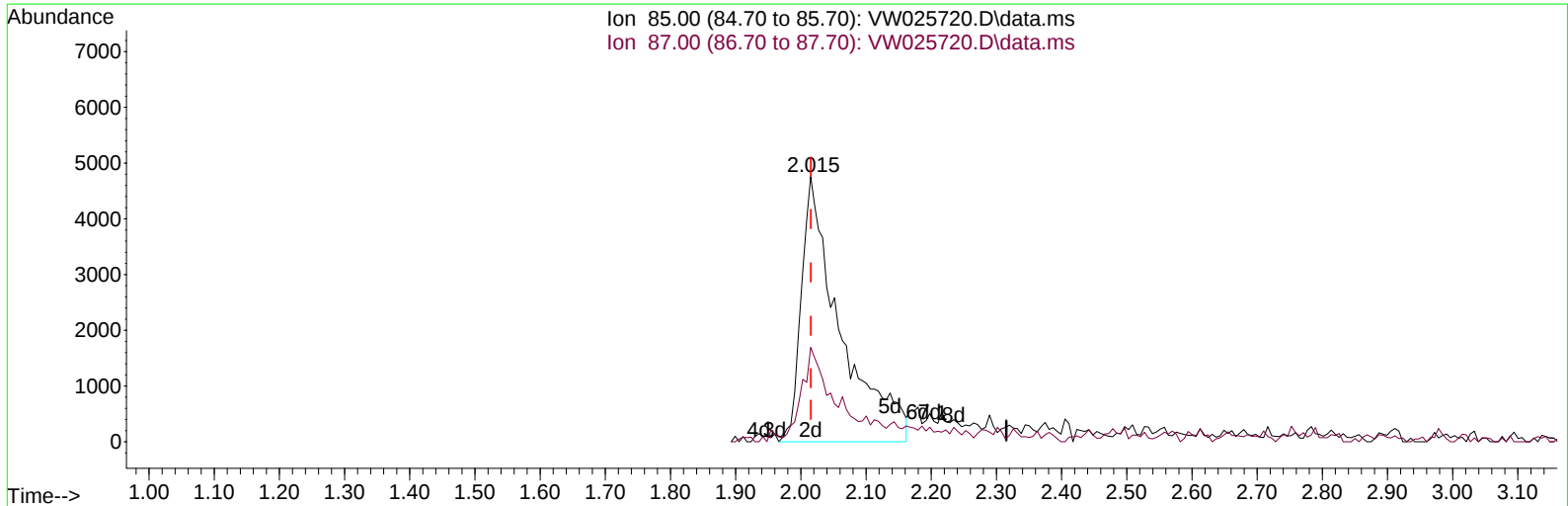
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration



TIC: VW025720.D\data.ms

(2) Dichlorodifluoromethane (T)

2.015min (-0.000) 2.44 ug/L m

response 19675

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	26.60	0.14#
0.00	0.00	0.00
0.00	0.00	0.00

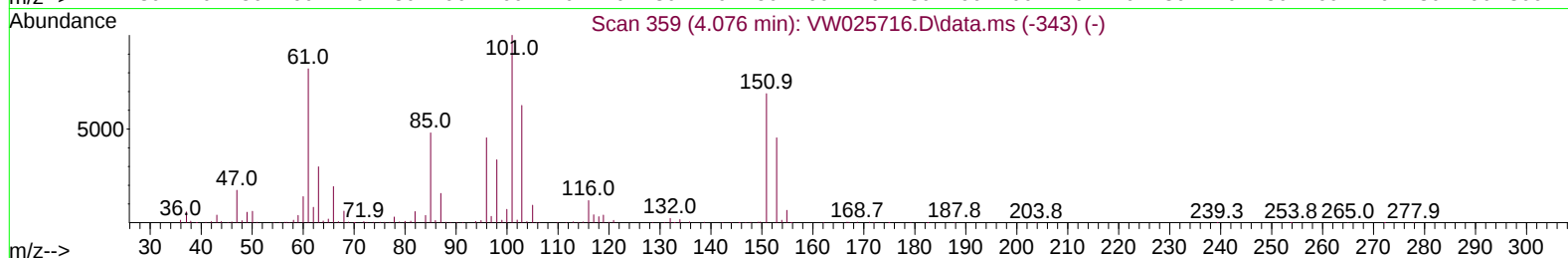
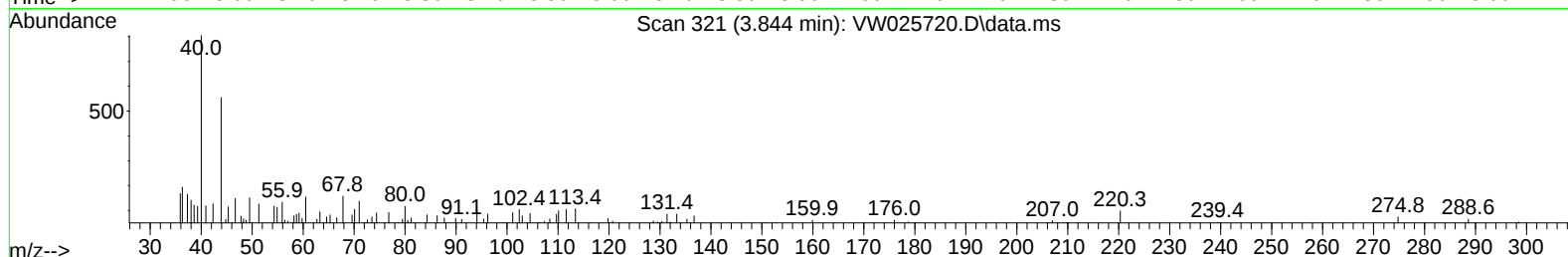
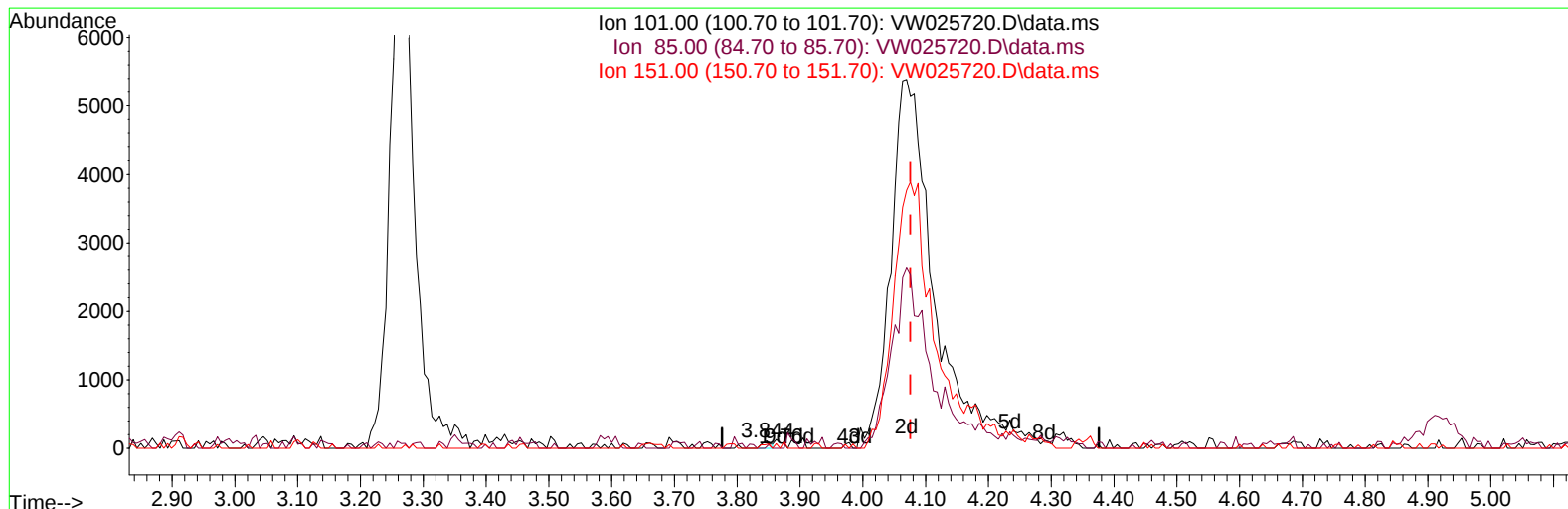
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration



TIC: VW025720.D\data.ms

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

3.844min (-0.232) 0.01 ug/L

response 99

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.90	42.42
151.00	67.60	60.61
0.00	0.00	0.00

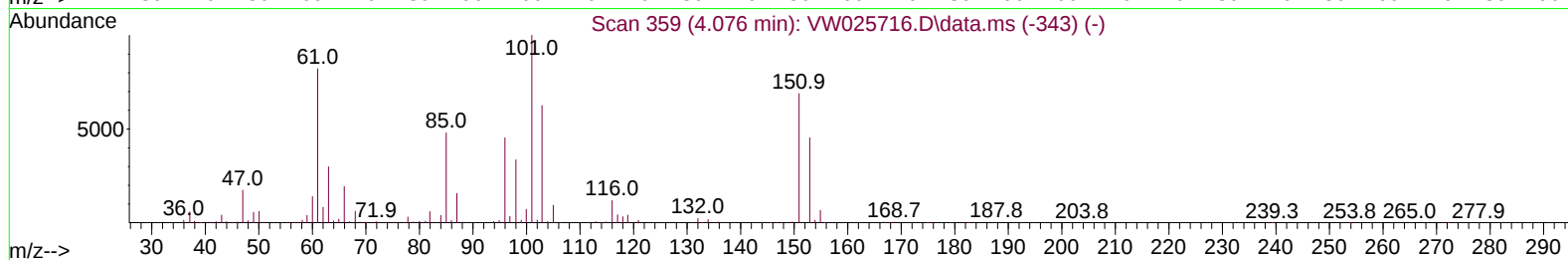
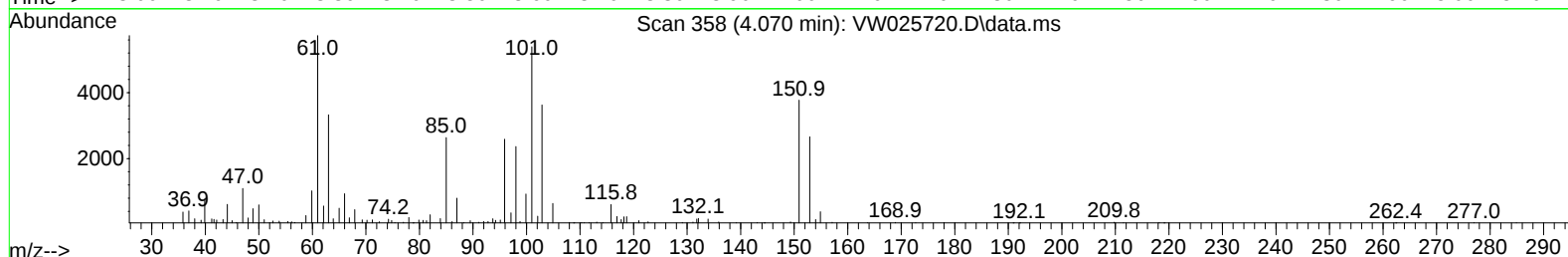
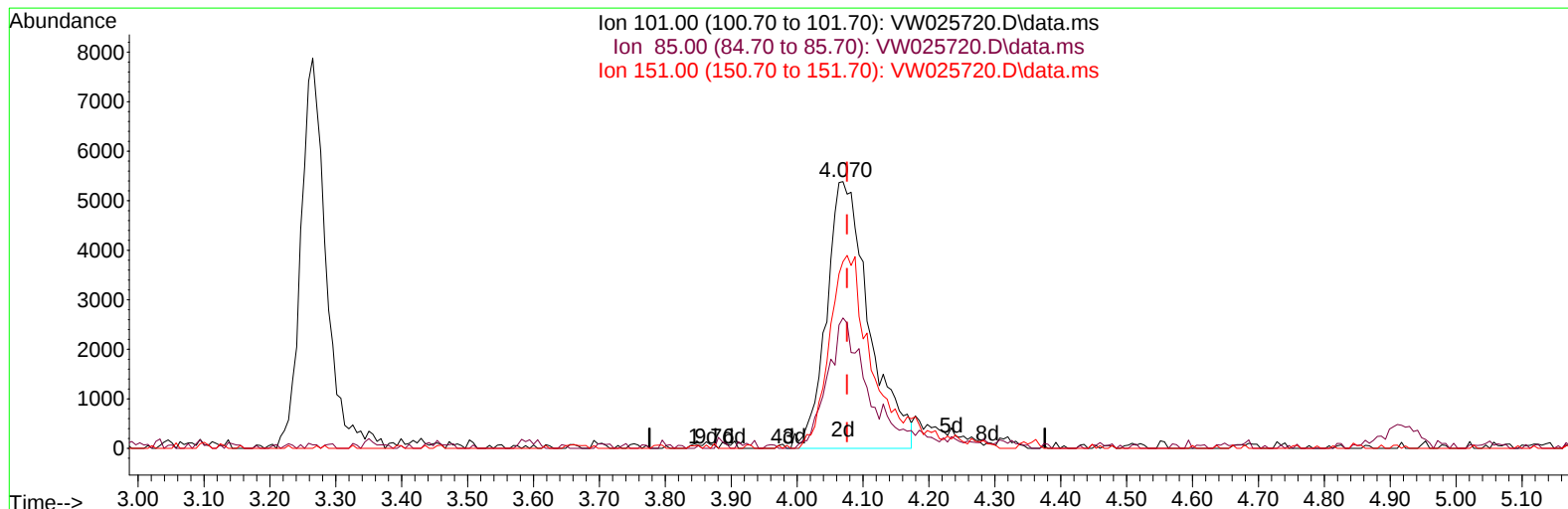
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025720.D
Acq On : 27 Apr 2023 11:46
Operator : SY/MD
Sample : VSTD2.549
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration



TIC: VW025720.D\data.ms

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

4.070min (-0.006) 2.69 ug/L m

response 24260

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	44.90	0.17#
151.00	67.60	0.25#
0.00	0.00	0.00

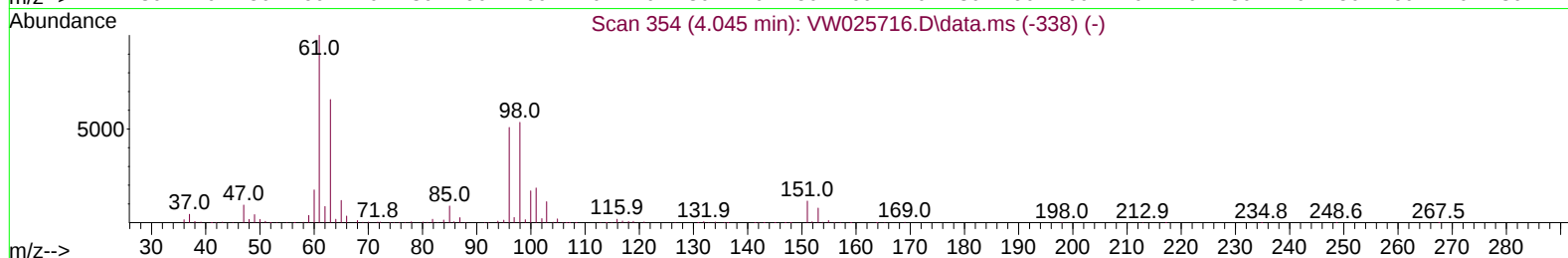
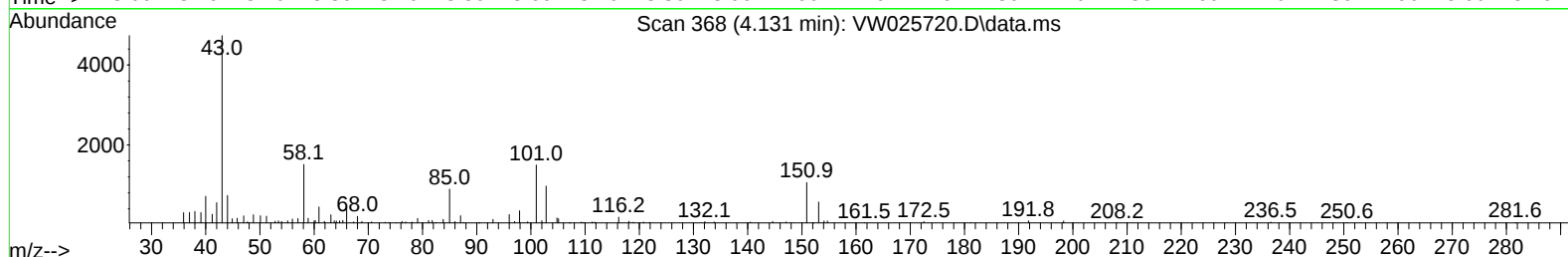
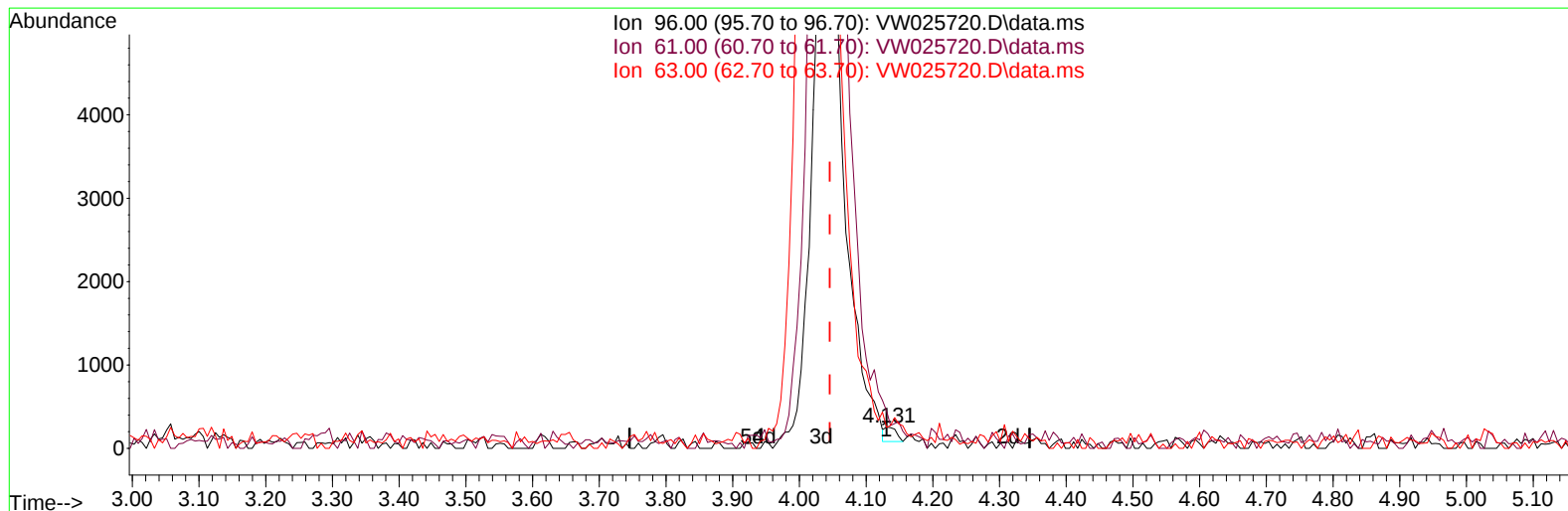
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration



TIC: VW025720.D\data.ms

(12) 1,1-Dichloroethene (T)

4.131min (+ 0.085) 0.02 ug/L

response 203

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	197.00	174.71
63.00	129.30	138.91
0.00	0.00	0.00

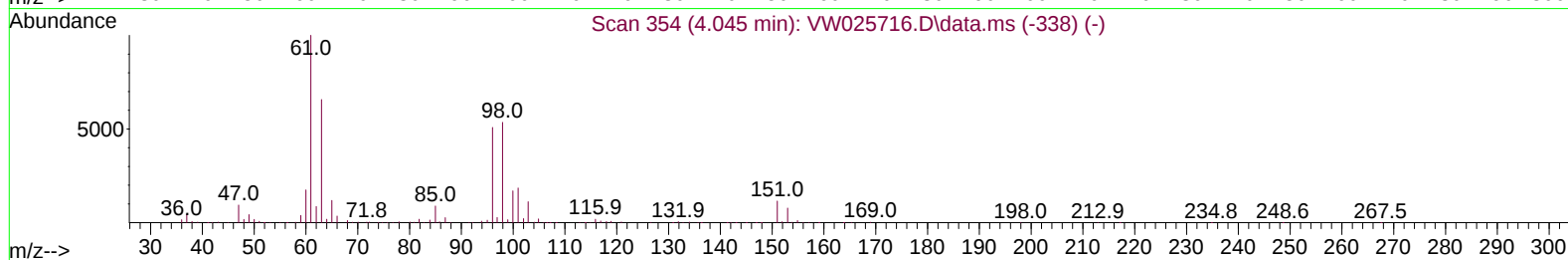
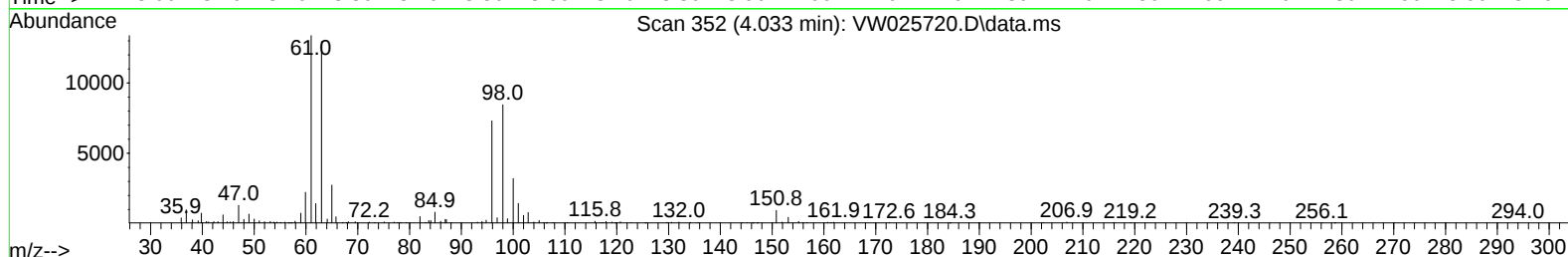
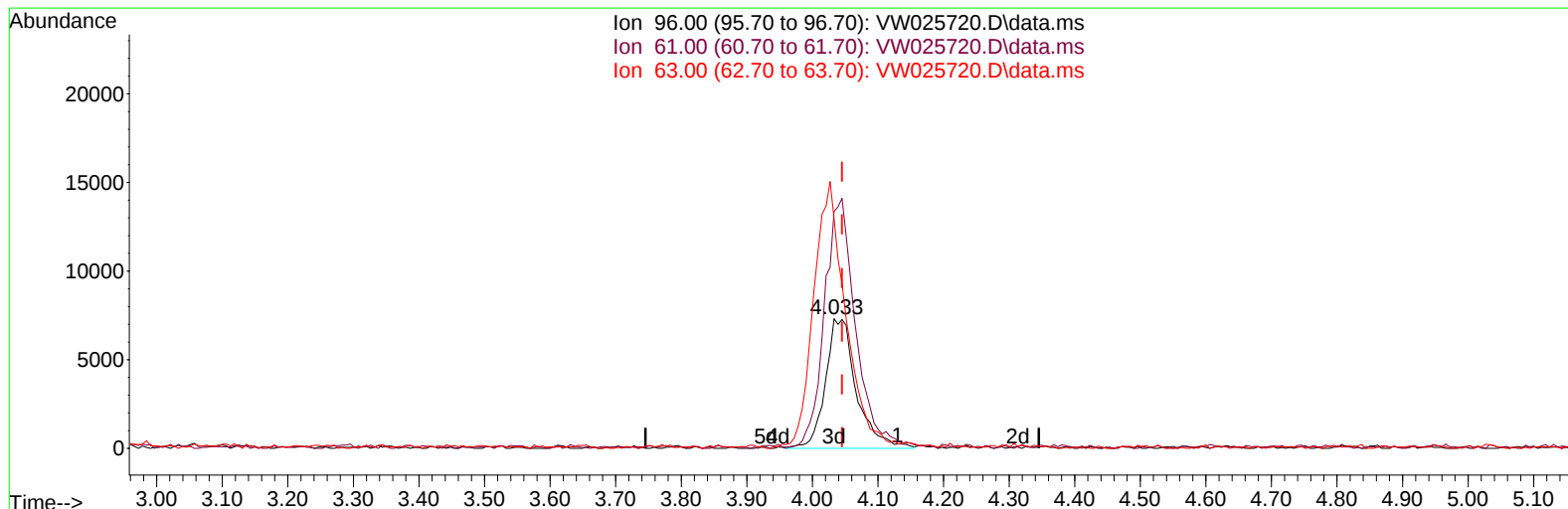
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025720.D
Acq On : 27 Apr 2023 11:46
Operator : SY/MD
Sample : VSTD2.549
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration



TIC: VW025720.D\data.ms

(12) 1,1-Dichloroethene (T)

4.033min (-0.012) 2.72 ug/L m

response 24035

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	197.00	182.88
63.00	129.30	177.20#
0.00	0.00	0.00

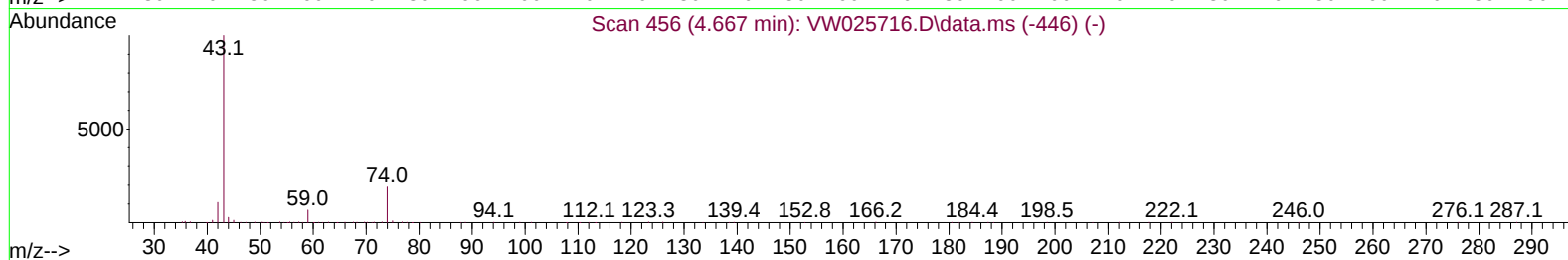
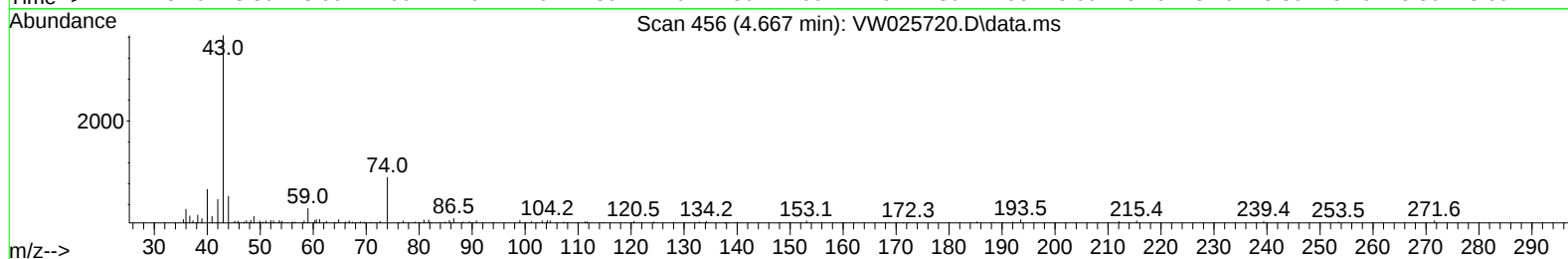
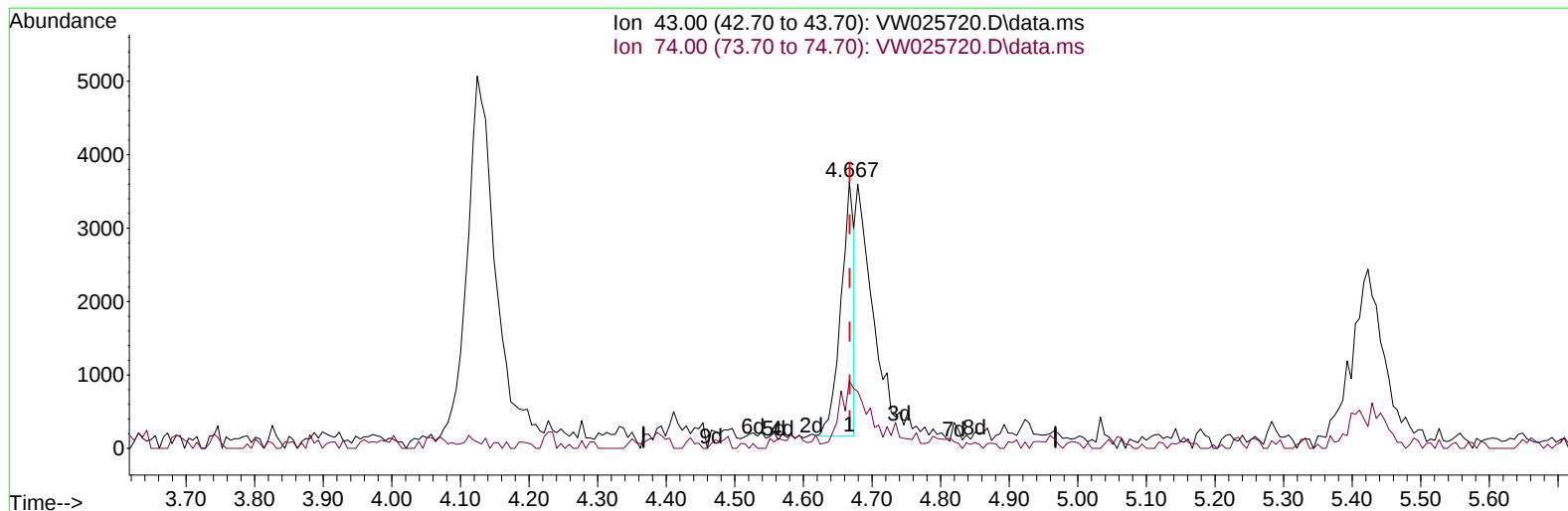
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025720.D
Acq On : 27 Apr 2023 11:46
Operator : SY/MD
Sample : VSTD2.549
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration



TIC: VW025720.D\data.ms

(15) Methyl Acetate (T)

4.667min (-0.000) 0.96 ug/L

response 4645

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	20.10	54.77#
0.00	0.00	0.00
0.00	0.00	0.00

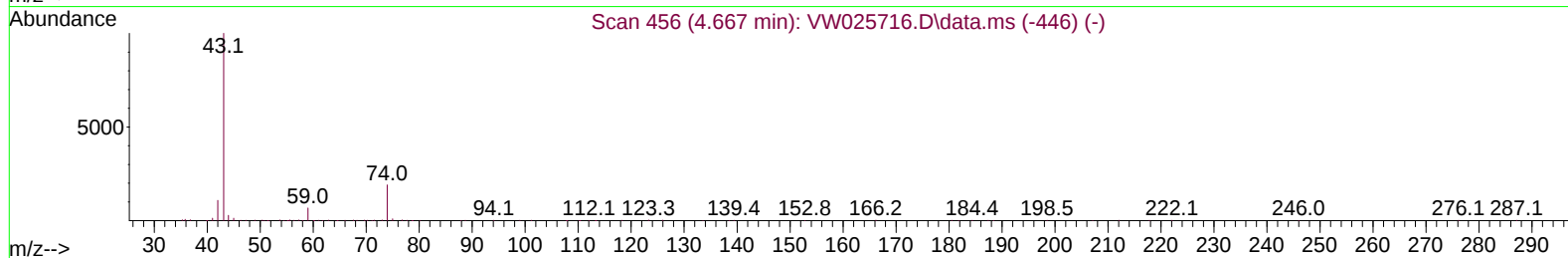
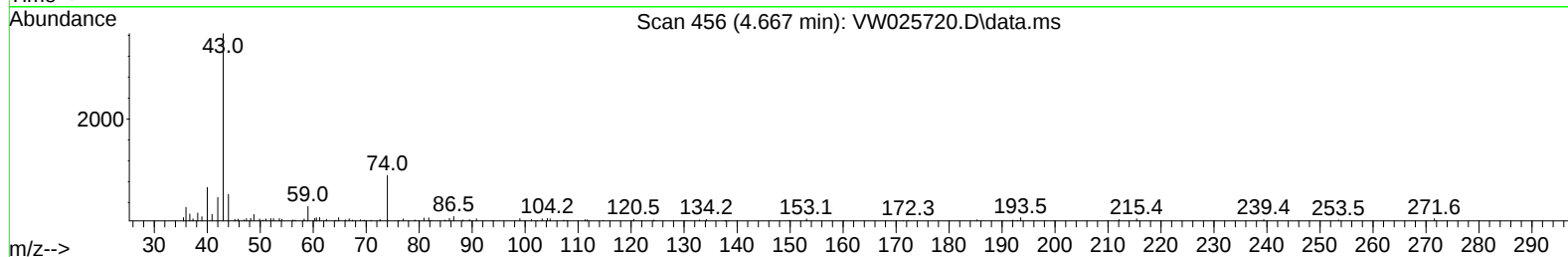
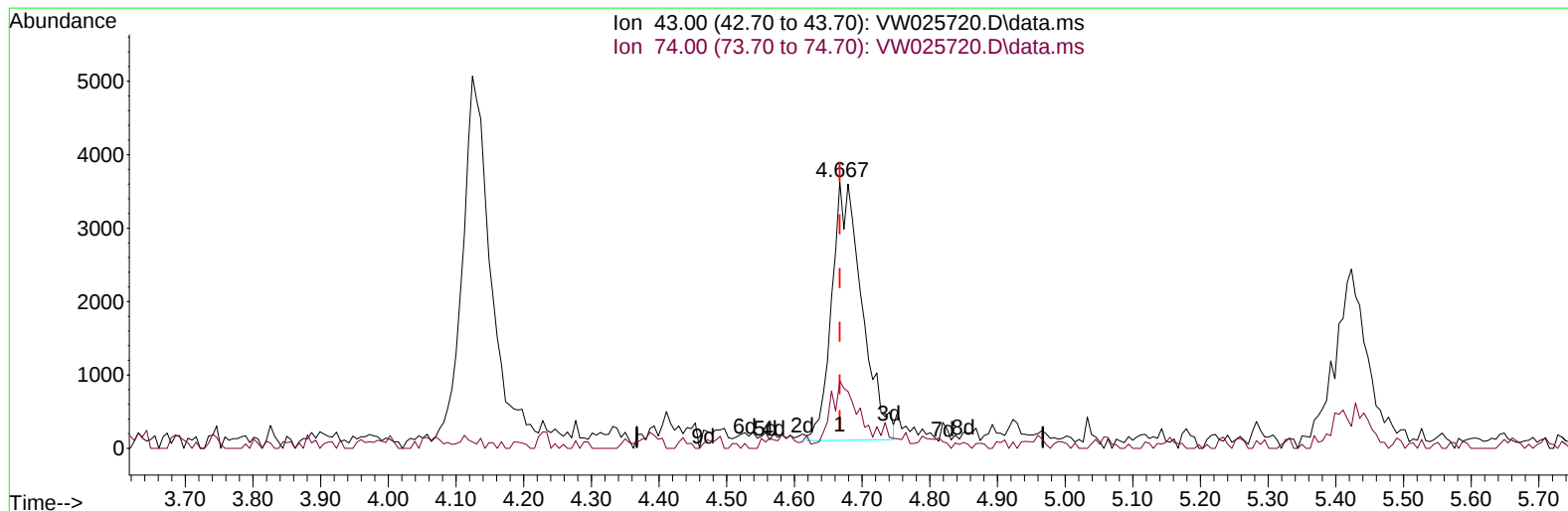
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025720.D
Acq On : 27 Apr 2023 11:46
Operator : SY/MD
Sample : VSTD2.549
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration



TIC: VW025720.D\data.ms

(15) Methyl Acetate (T)

4.667min (-0.000) 2.26 ug/L m

response 10954

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	20.10	23.22
0.00	0.00	0.00
0.00	0.00	0.00

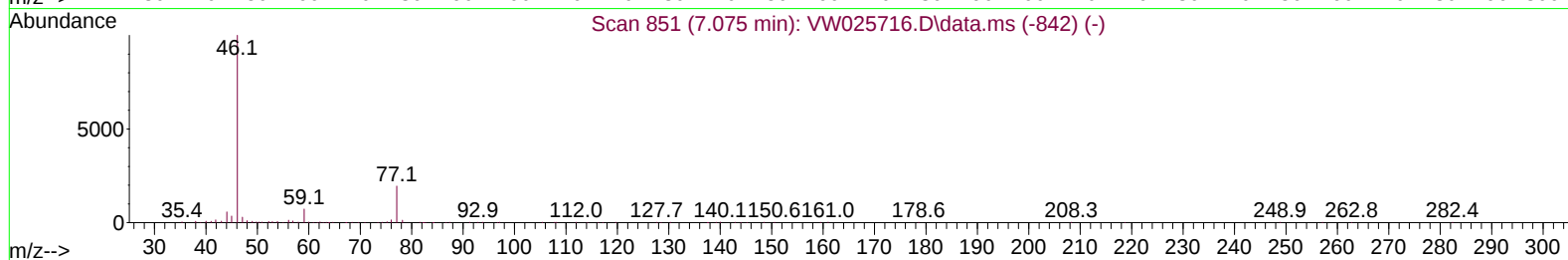
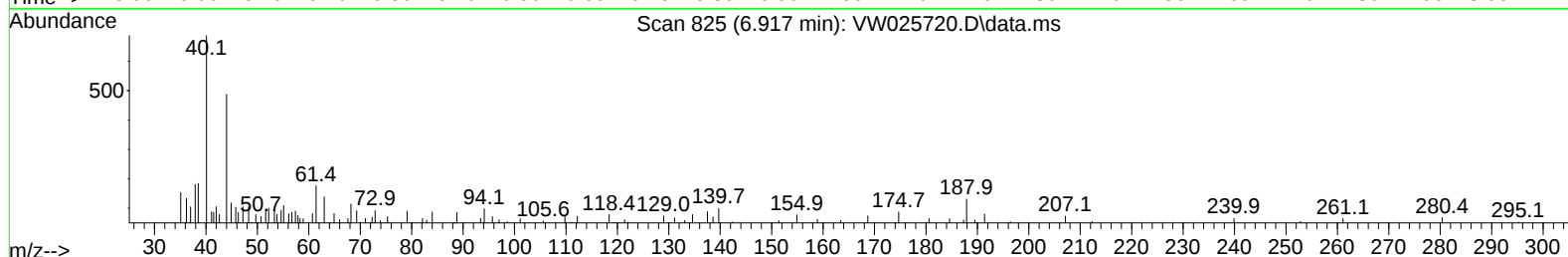
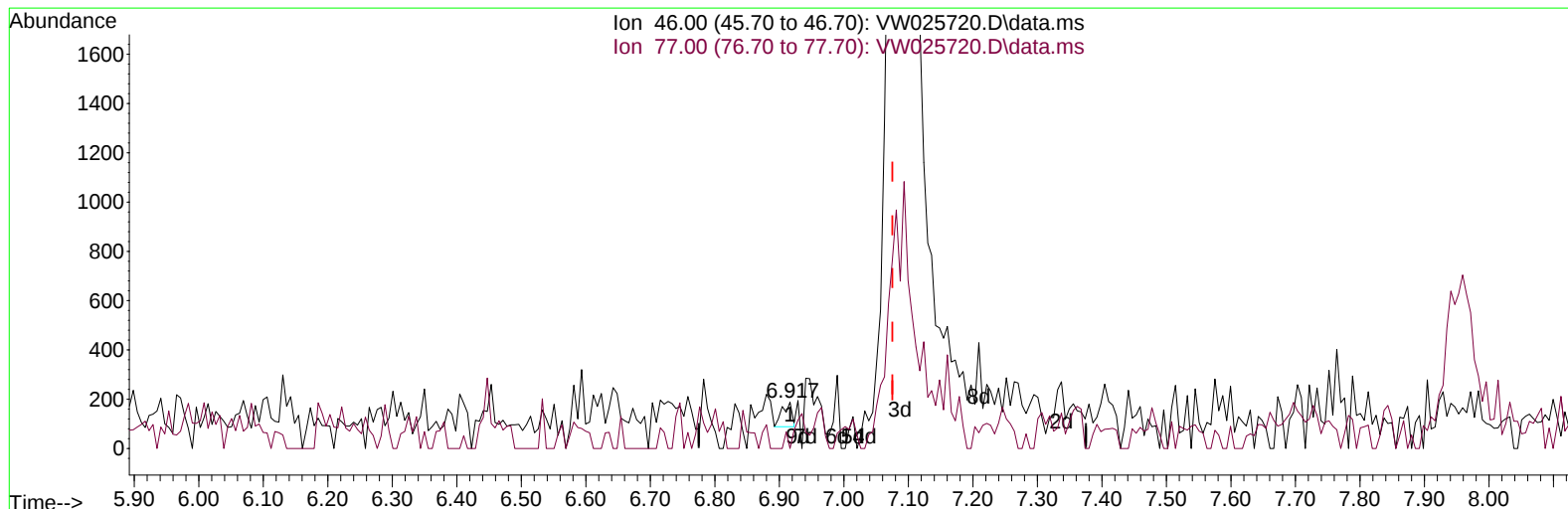
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration



TIC: VW025720.D\data.ms

(21) 2-Butanone-d5 (S)

6.917min (-0.159) 0.04 ug/L

response

105

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	19.80	23.81
0.00	0.00	0.00
0.00	0.00	0.00

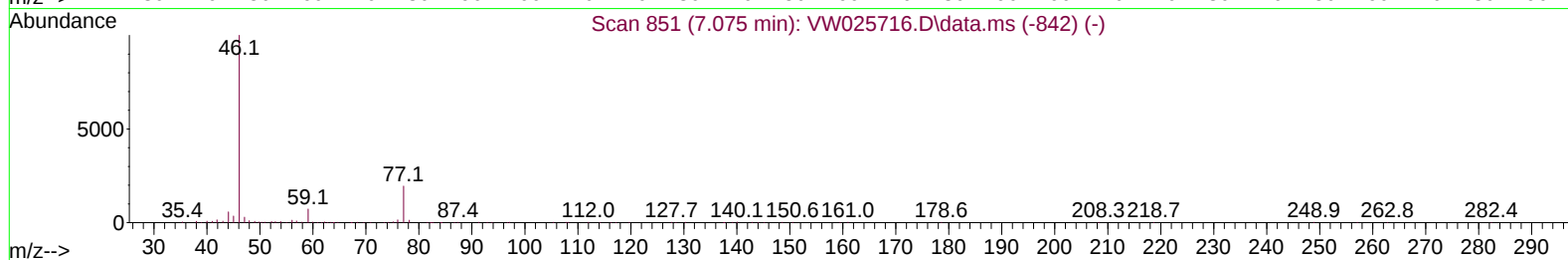
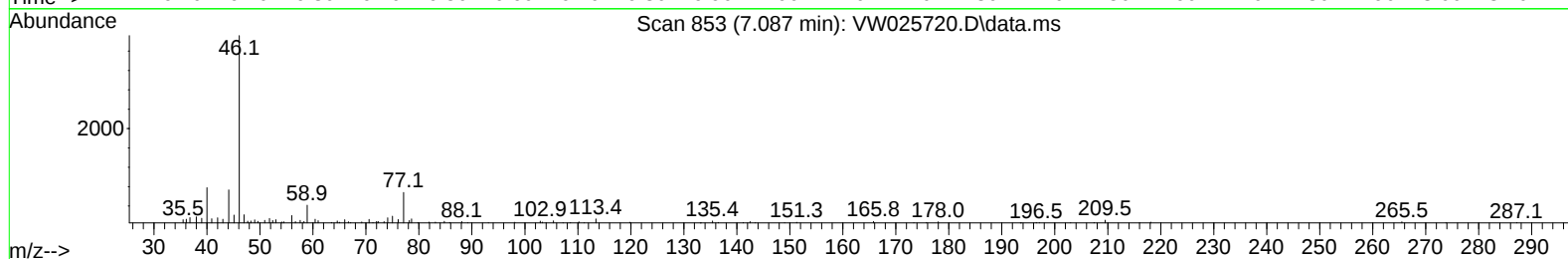
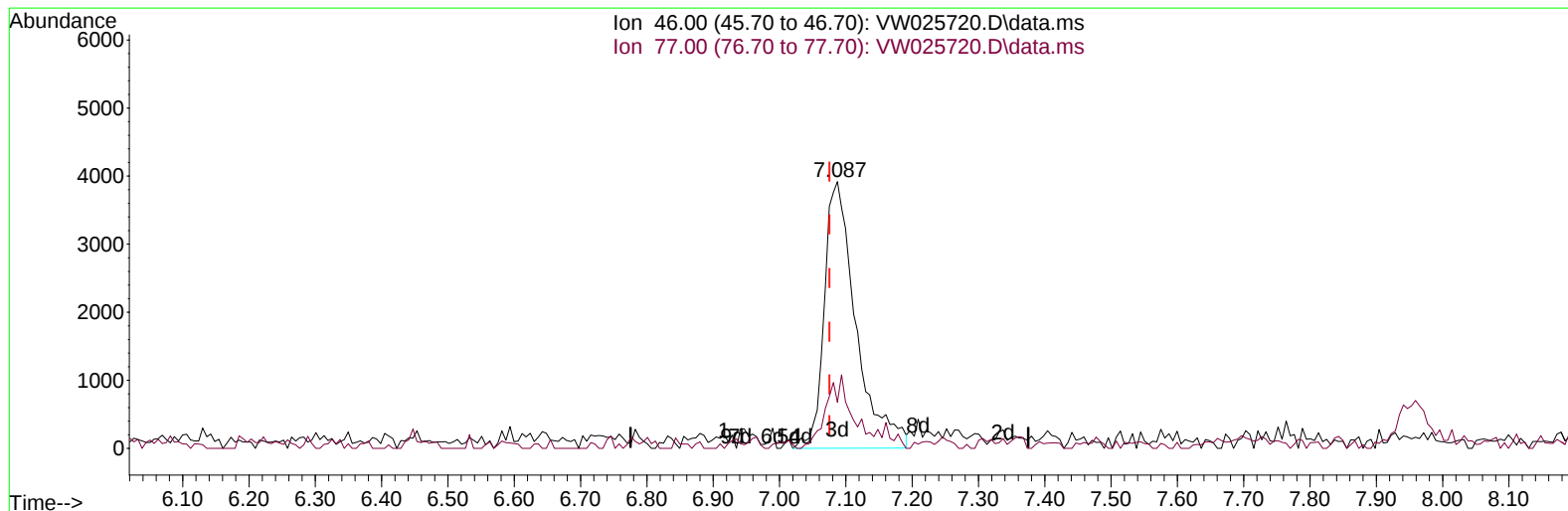
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023



TIC: VW025720.D\data.ms

(21) 2-Butanone-d5 (S)

7.087min (+ 0.012) 4.95 ug/L m

response 12986

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	19.80	0.19#
0.00	0.00	0.00
0.00	0.00	0.00

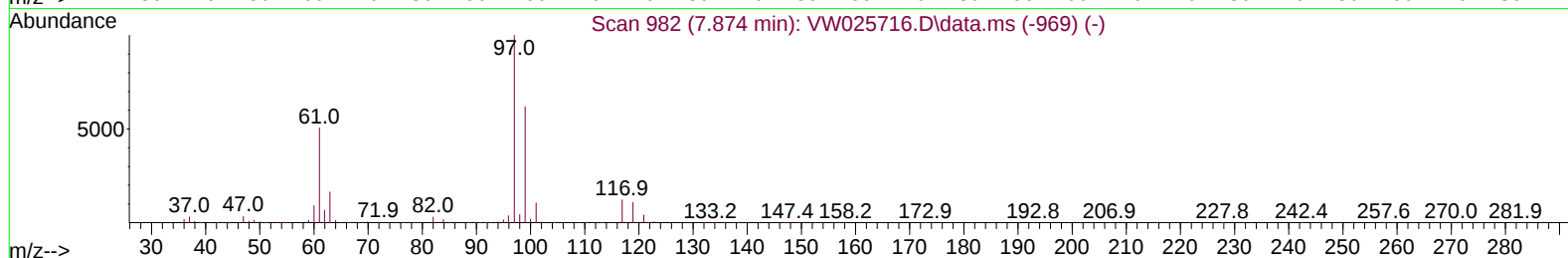
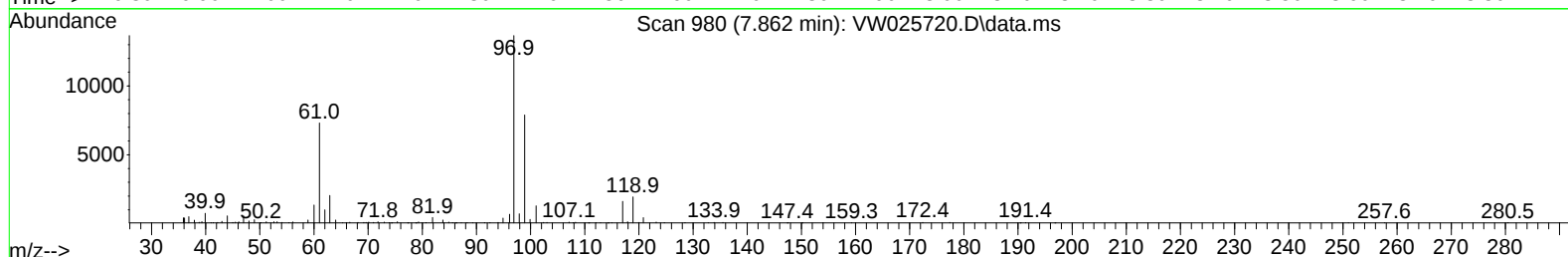
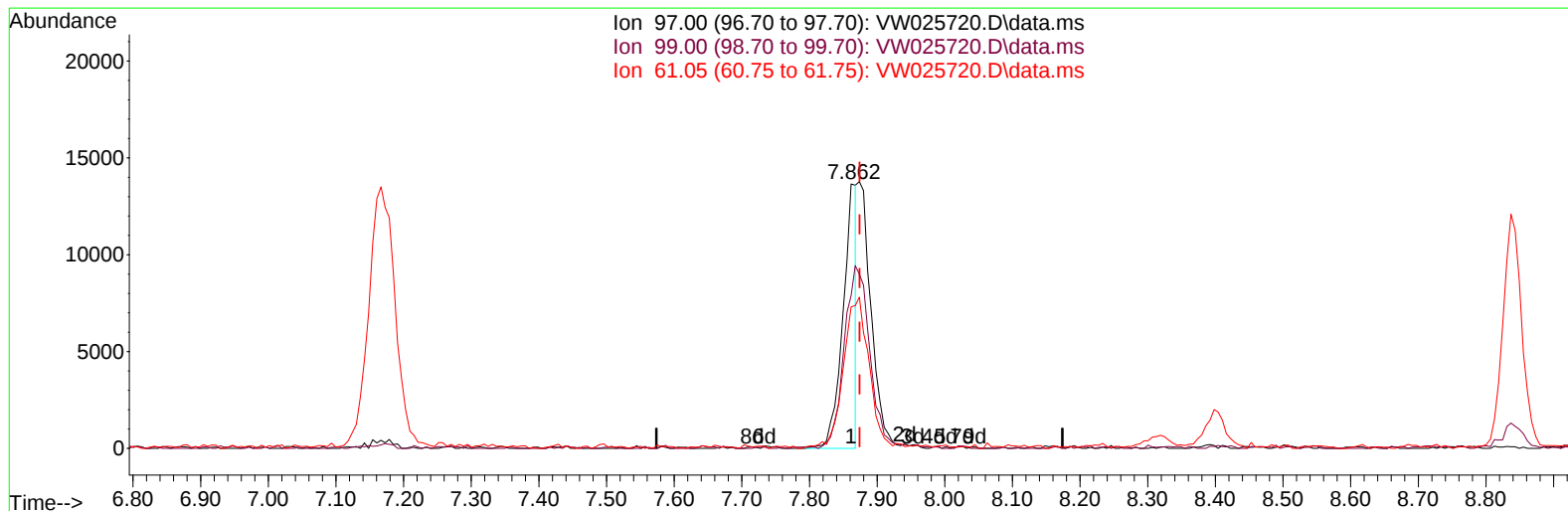
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration



TIC: VW025720.D\data.ms

(30) 1,1,1-Trichloroethane (T)

7.862min (-0.012) 1.37 ug/L

response 19076

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.70	129.07#
61.05	52.70	104.96#
0.00	0.00	0.00

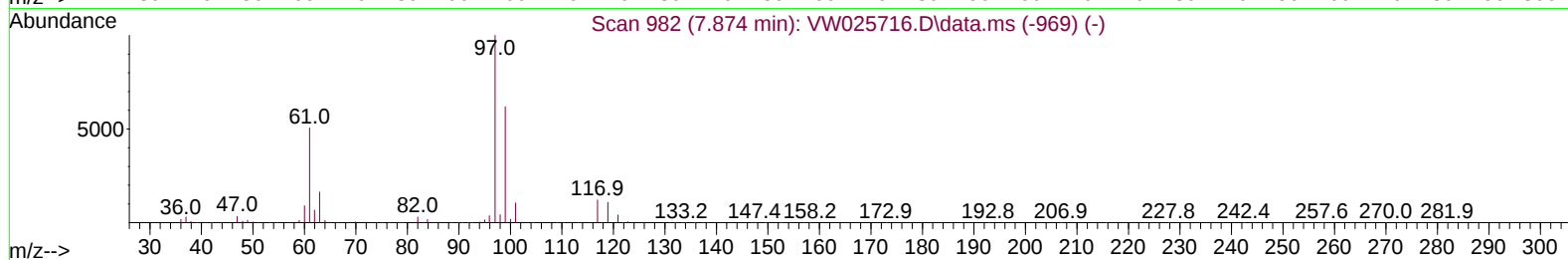
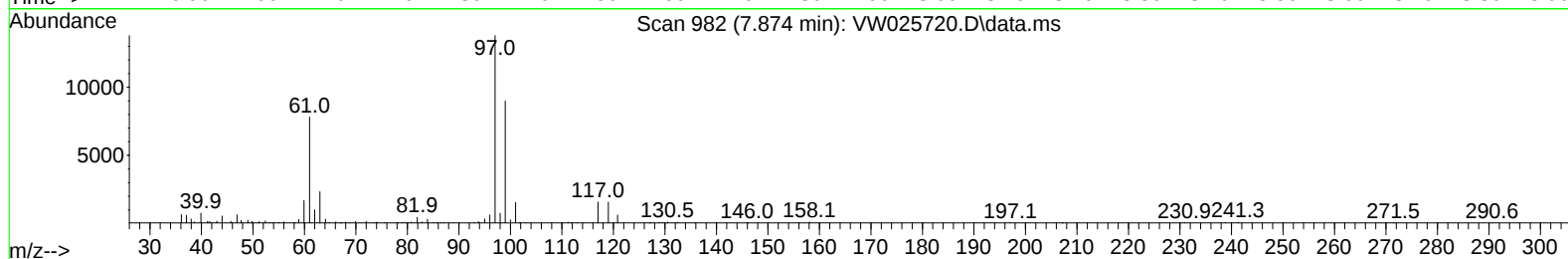
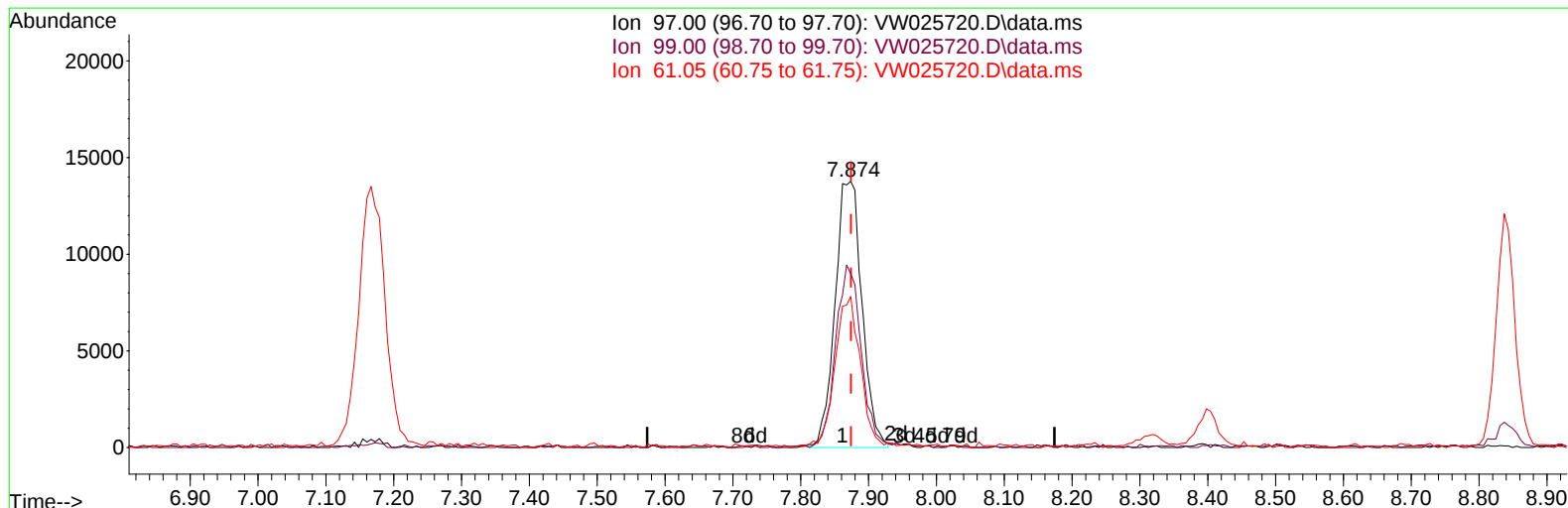
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration



TIC: VW025720.D\data.ms

(30) 1,1,1-Trichloroethane (T)

7.874min (-0.000) 2.72 ug/L m

response 37934

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.70	64.91
61.05	52.70	52.78
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	655286	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	575546	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	280328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	22834	2.857	ug/L	0.00
7) Chloroethane-d5	2.899	69	15128	2.644	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	63	50174	2.749	ug/L	0.00
21) 2-Butanone-d5	7.087	46	12986m	4.952	ug/L	0.01
24) Chloroform-d	7.642	84	48497	2.759	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	25828	2.695	ug/L	0.00
32) Benzene-d6	8.270	84	95985	2.747	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	30874	2.732	ug/L	0.00
41) Toluene-d8	10.318	98	81966	2.653	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.574	79	11052	2.509	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	7142	4.069	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	21599	2.593	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.854	152	26104	2.718	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	19675m	2.441	ug/L	
3) Chloromethane	2.216	50	26920	2.456	ug/L	97
5) Vinyl chloride	2.369	62	29670	2.574	ug/L	99
6) Bromomethane	2.783	94	15783	2.589	ug/L	96
8) Chloroethane	2.936	64	14586	2.485	ug/L	99
9) Trichlorofluoromethane	3.265	101	20084	2.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	24260m	2.692	ug/L	
12) 1,1-Dichloroethene	4.033	96	24035m	2.723	ug/L	
13) Acetone	4.124	43	13887	5.680	ug/L	76
14) Carbon disulfide	4.387	76	81455	2.627	ug/L	98
15) Methyl Acetate	4.667	43	10954m	2.264	ug/L	
16) Methylene chloride	4.917	84	44053	3.580	ug/L	100
17) trans-1,2-Dichloroethene	5.423	96	24644	2.641	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	32698	2.435	ug/L	98
19) 1,1-Dichloroethane	6.215	63	50843	2.674	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	25344	2.590	ug/L #	96
22) 2-Butanone	7.173	43	12835	4.140	ug/L	78
23) Bromochloromethane	7.508	128	10855	2.671	ug/L	92
25) Chloroform	7.673	83	47227	2.704	ug/L	98
27) 1,2-Dichloroethane	8.398	62	31294	2.616	ug/L #	93
29) Cyclohexane	7.953	56	42822	2.392	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	37934m	2.715	ug/L	
31) Carbon tetrachloride	8.069	117	34622	2.723	ug/L	97
33) Benzene	8.319	78	105146	2.677	ug/L	100
34) Trichloroethene	9.093	95	28057	2.765	ug/L	96
35) Methylcyclohexane	9.331	83	45188	2.506	ug/L	96
37) 1,2-Dichloropropane	9.367	63	28212	2.665	ug/L #	97
38) Bromodichloromethane	9.648	83	30846	2.577	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	36574	2.412	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	27690	4.336	ug/L	99
42) Toluene	10.385	91	102258	2.552	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	28817	2.314	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
 Data File : VW025720.D
 Acq On : 27 Apr 2023 11:46
 Operator : SY/MD
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 02:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:20:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	17791	2.593	ug/L	95
46) Tetrachloroethene	10.861	164	19334	2.691	ug/L	91
48) 2-Hexanone	10.971	43	17872	3.974	ug/L	97
49) Dibromochloromethane	11.129	129	18087	2.545	ug/L	96
50) 1,2-Dibromoethane	11.233	107	16050	2.550	ug/L #	95
51) Chlorobenzene	11.654	112	66745	2.707	ug/L	96
52) Ethylbenzene	11.727	91	113432	2.524	ug/L	98
53) m,p-Xylene	11.836	106	41462	2.499	ug/L	88
54) o-Xylene	12.166	106	37270	2.409	ug/L	96
55) Styrene	12.178	104	61187	2.333	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	21187	2.522	ug/L	95
59) Bromoform	12.349	173	9035	2.326	ug/L #	38
60) Isopropylbenzene	12.458	105	105365	2.447	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	15288	2.508	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	78411	2.316	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	69776	2.282	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	48872	2.690	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	50045	2.717	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	43234	2.697	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	3728	2.683	ug/L	88
69) 1,3,5-Trichlorobenzene	14.629	180	32045	2.711	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	26134	2.589	ug/L	93
71) Naphthalene	15.360	128	37936	2.104	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	22224	2.494	ug/L	97

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