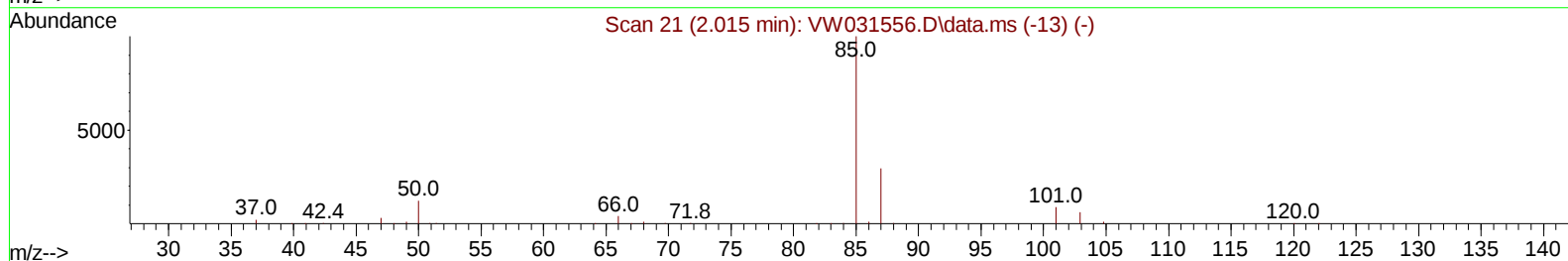
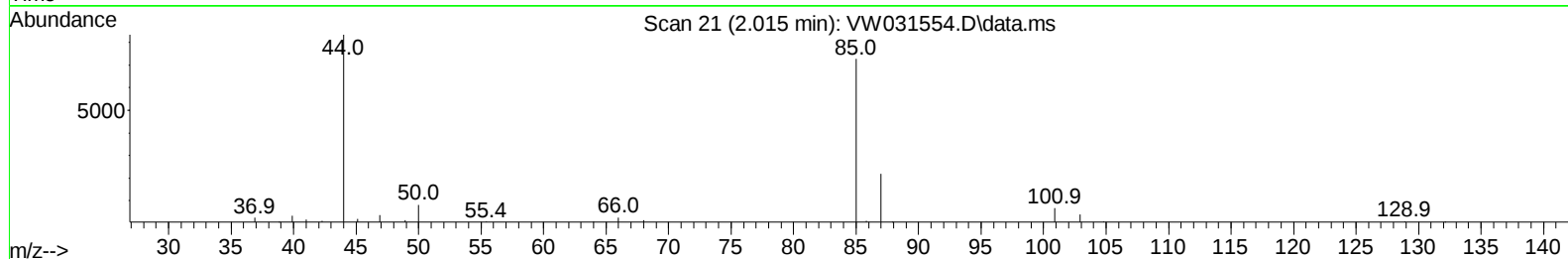
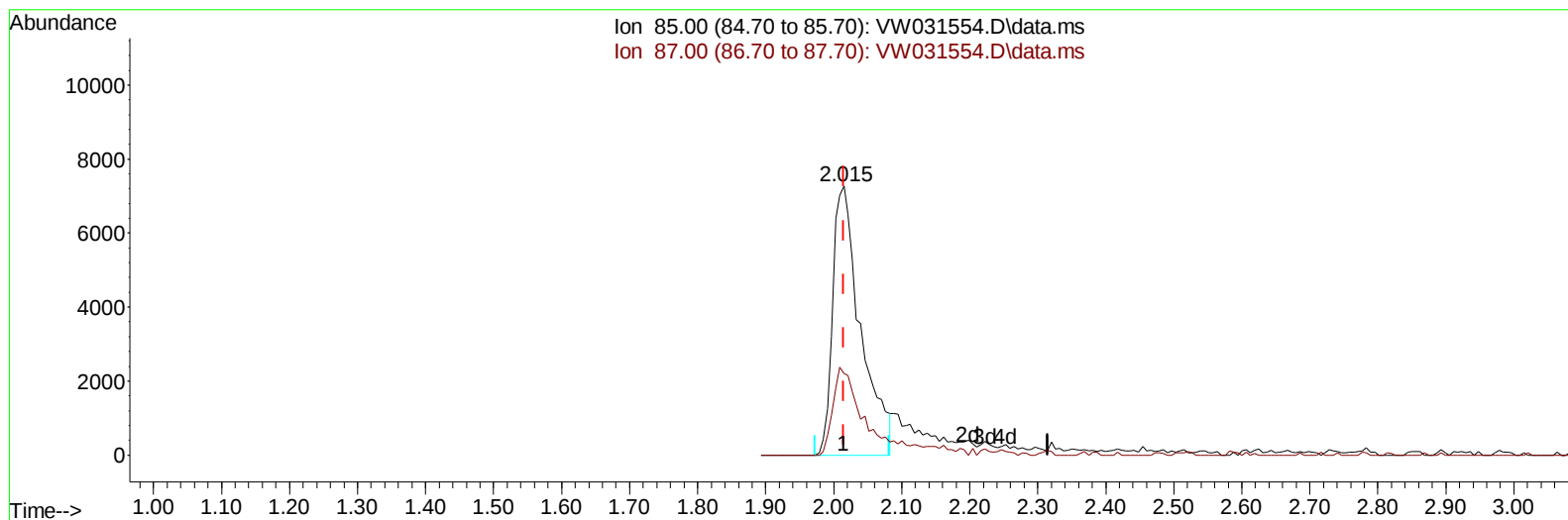


Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(2) Dichlorodifluoromethane (T)

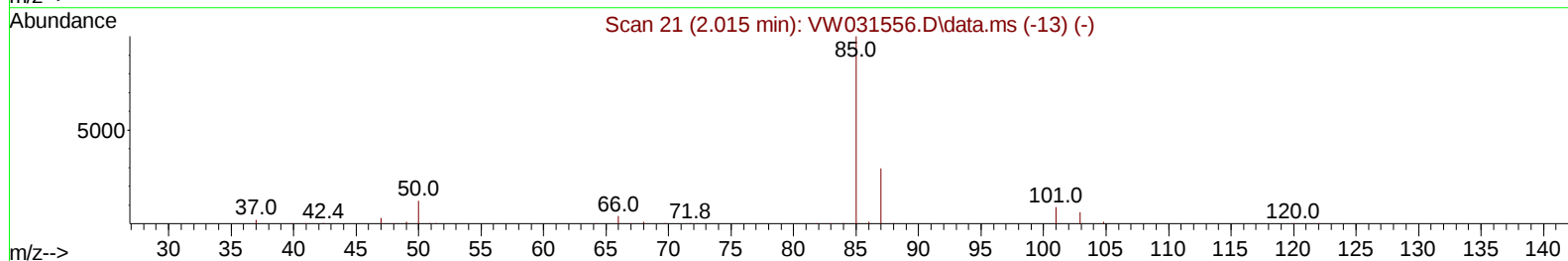
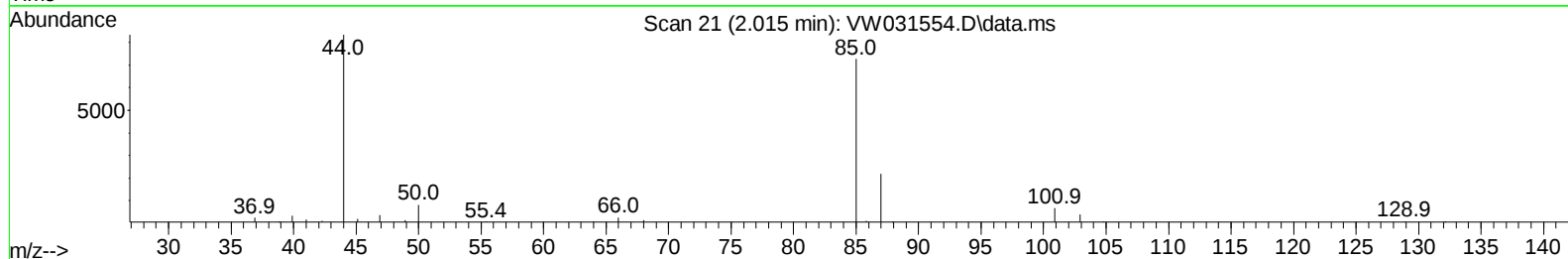
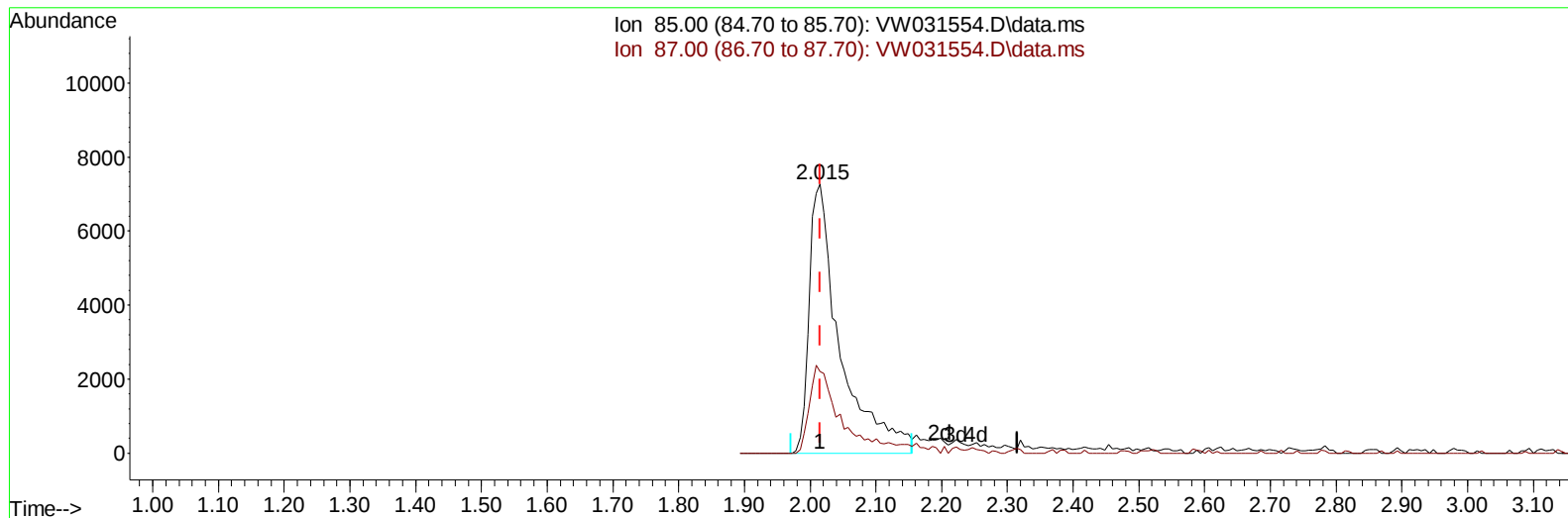
2.015min (-0.000) 2.41 ug/L

response 20705

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	31.20	33.98
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(2) Dichlorodifluoromethane (T)

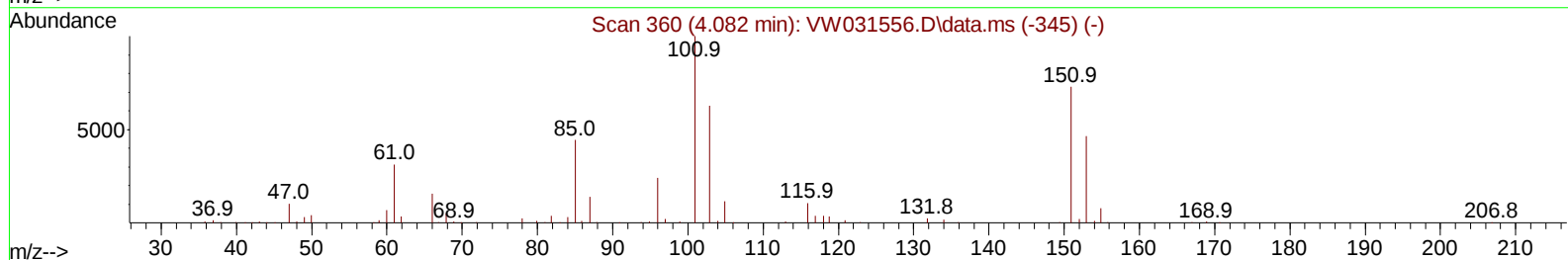
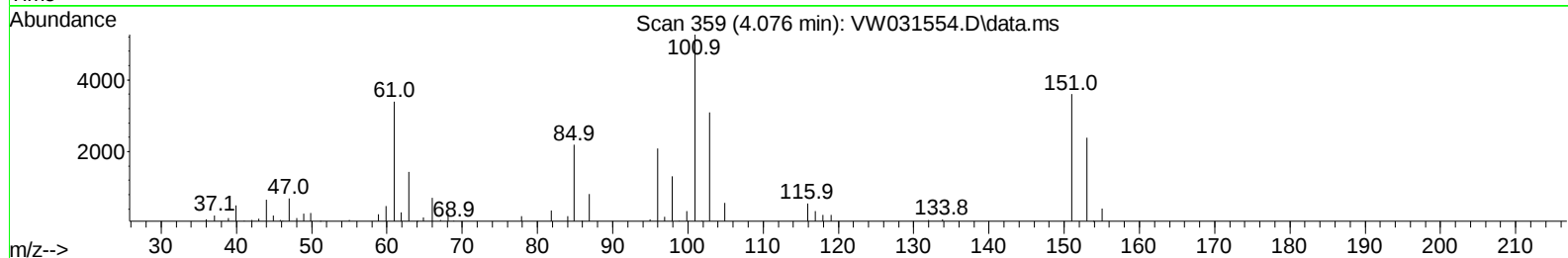
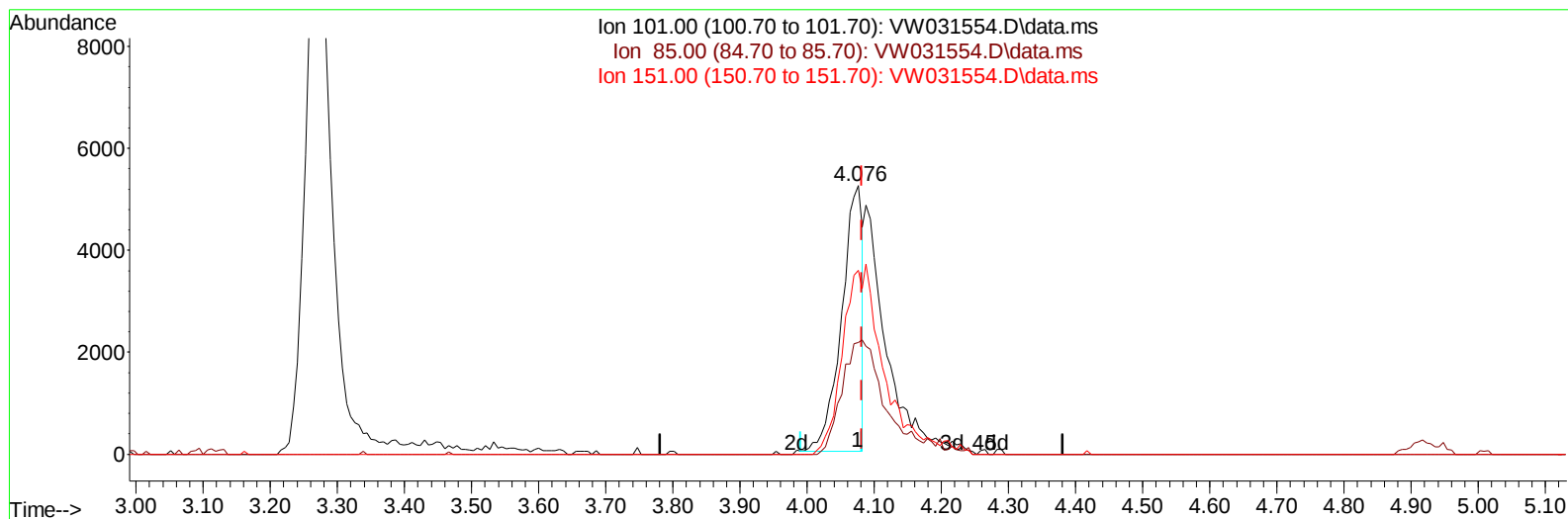
2.015min (-0.000) 2.77 ug/L m

response 23796

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	31.20	29.56
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

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

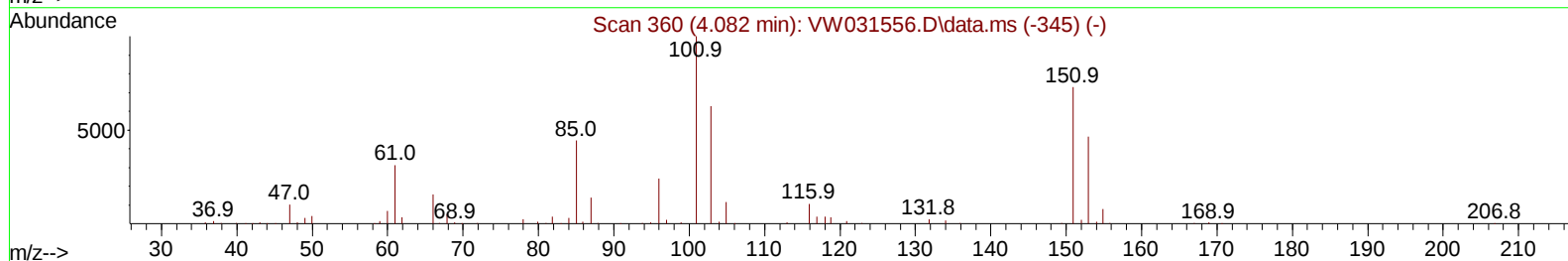
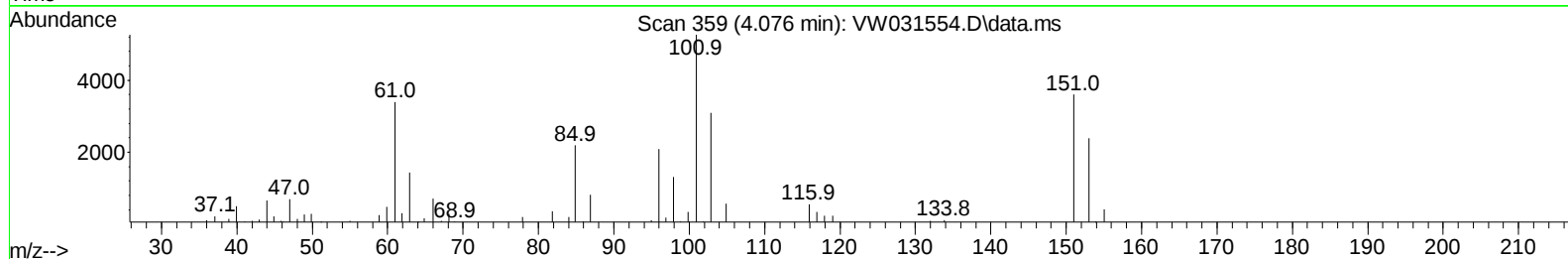
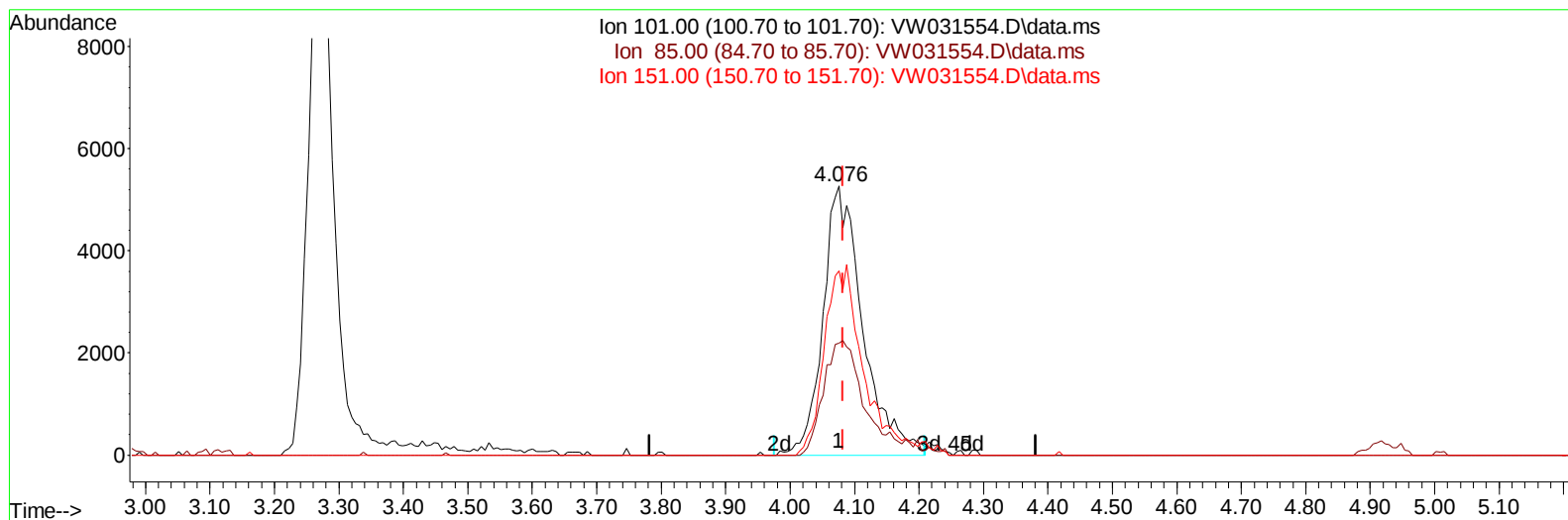
4.076min (-0.006) 1.27 ug/L

response 11243

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	45.10	82.54#
151.00	71.10	69.05
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

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

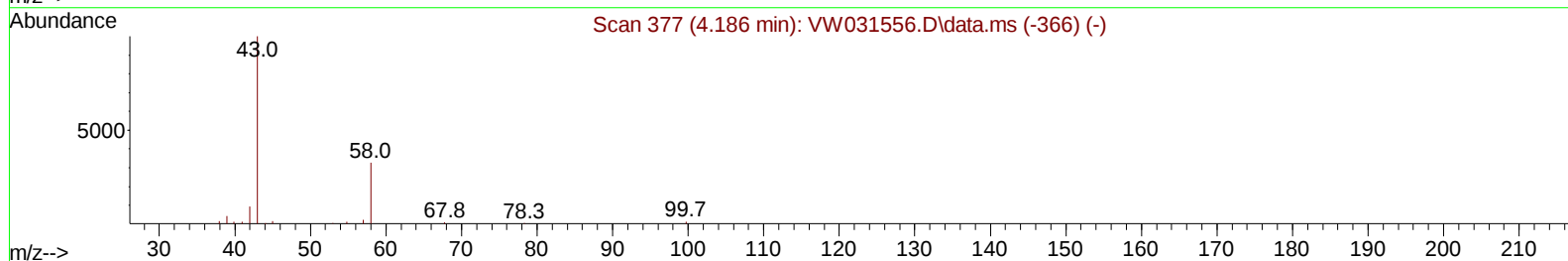
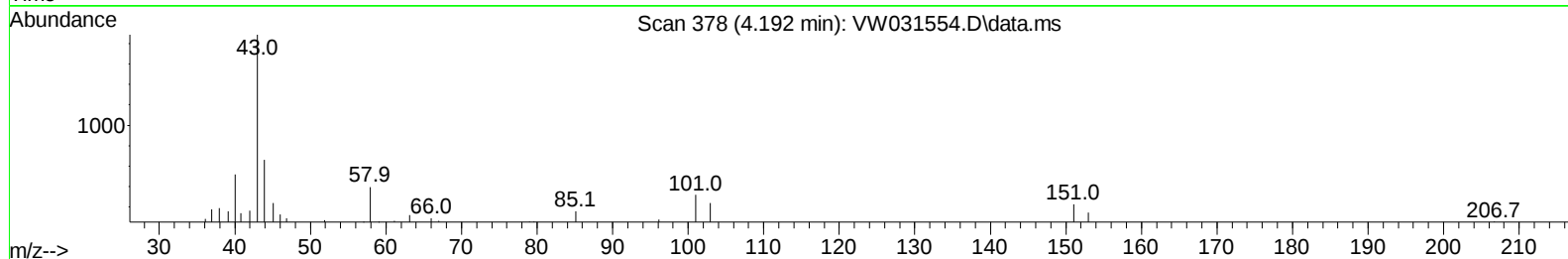
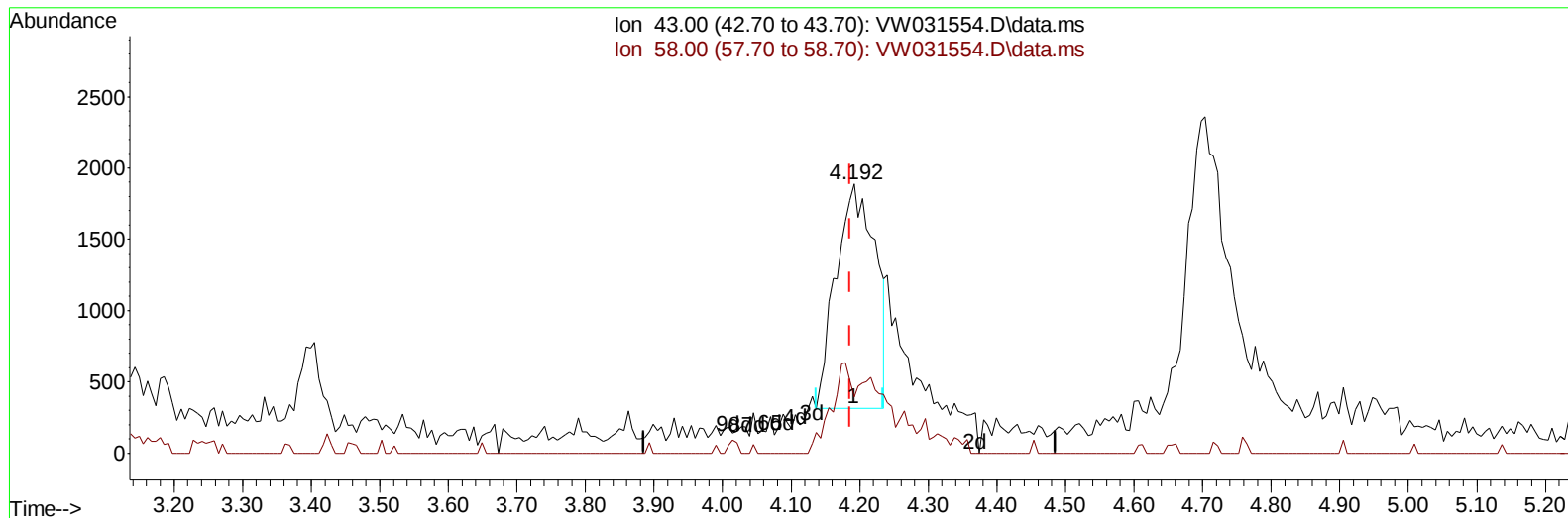
4.076min (-0.006) 2.55 ug/L m

response 22668

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	45.10	40.94
151.00	71.10	34.25#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(13) Acetone (T)

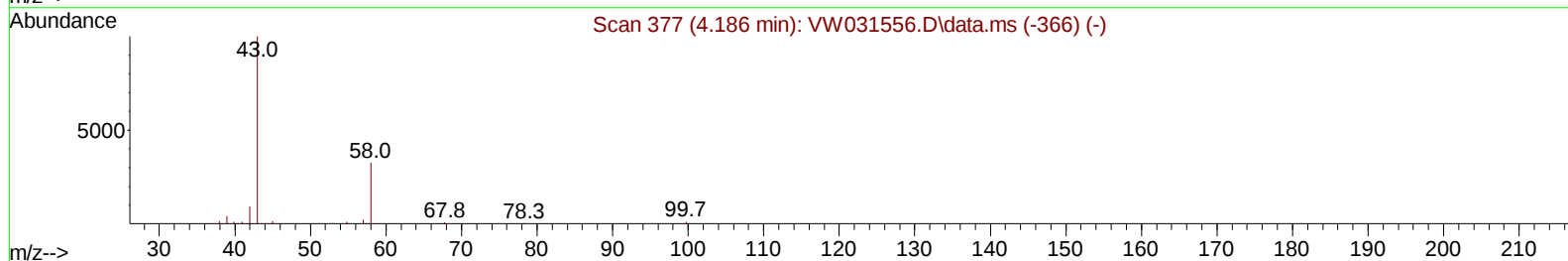
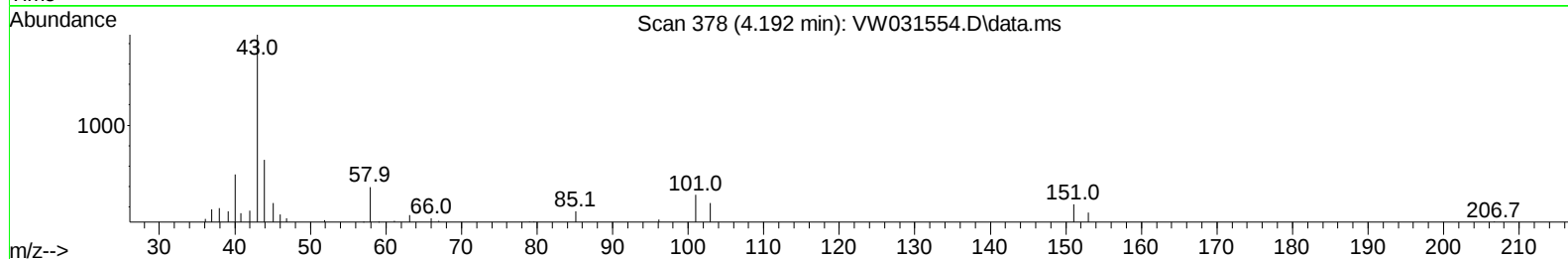
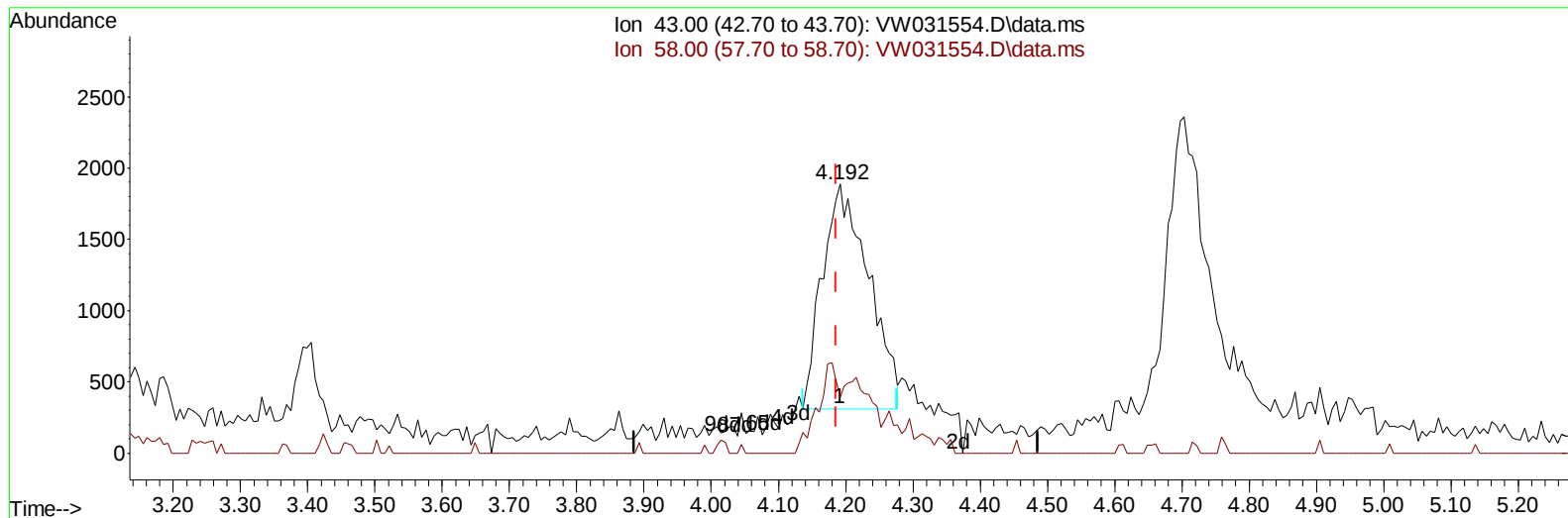
4.192min (+ 0.006) 4.91 ug/L

response 6199

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.10	22.05
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(13) Acetone (T)

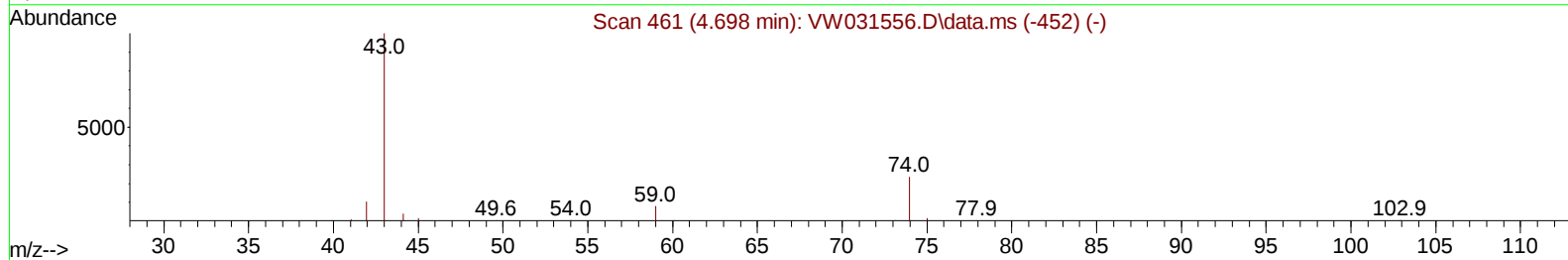
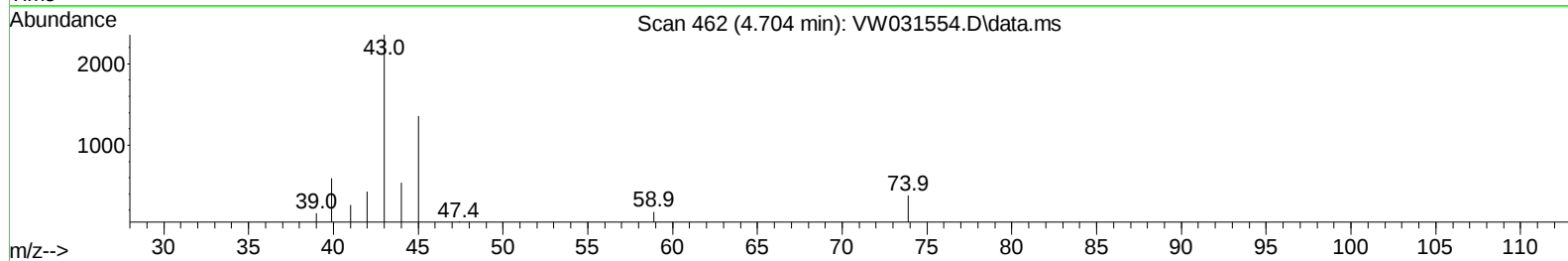
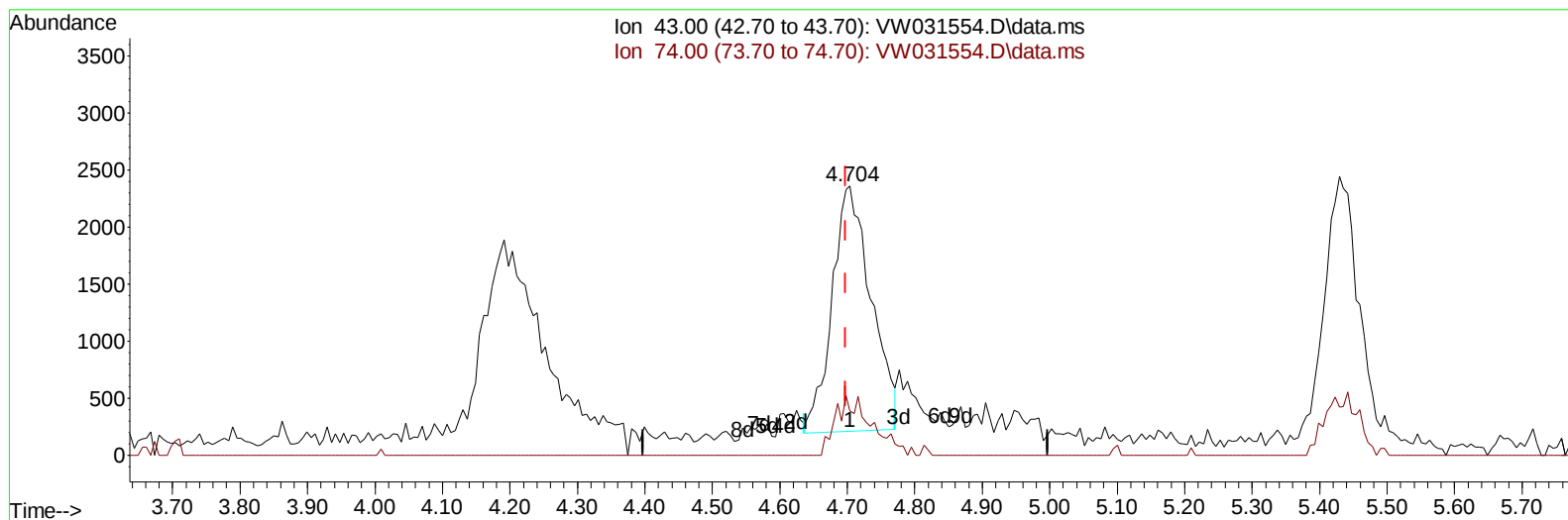
4.192min (+ 0.006) 5.96 ug/L m

response 7528

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.10	18.16
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(15) Methyl Acetate (T)

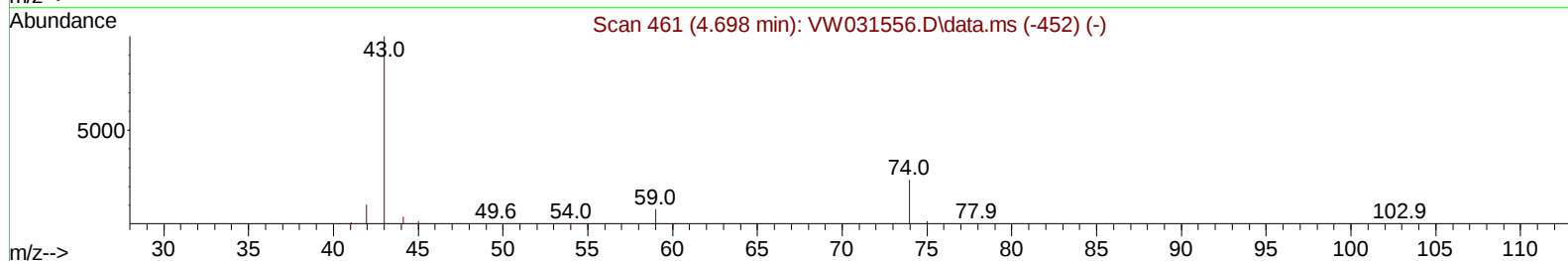
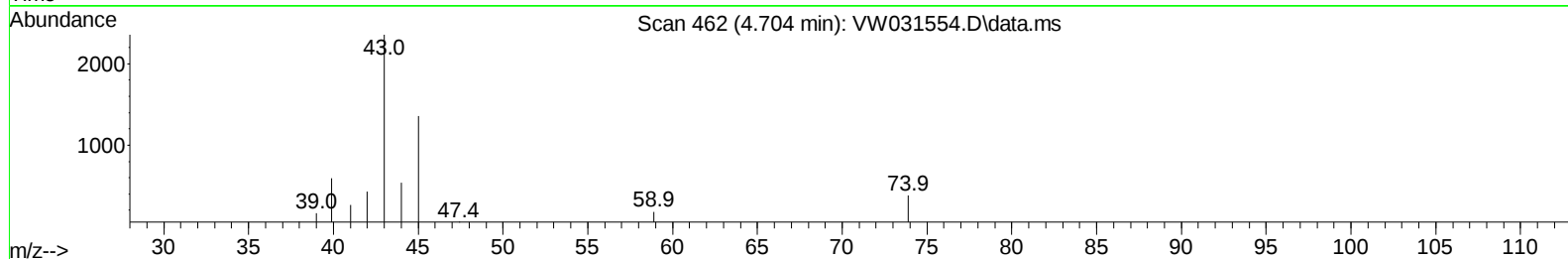
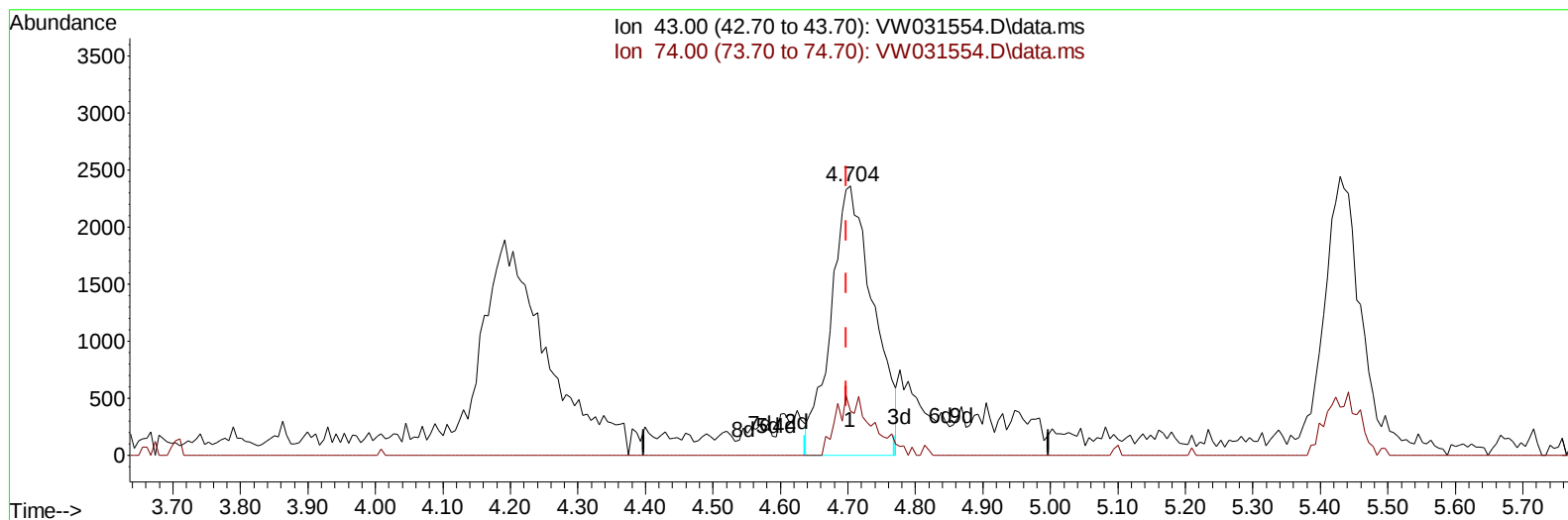
4.704min (+ 0.006) 2.62 ug/L

response 8706

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	13.20	5.03#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(15) Methyl Acetate (T)

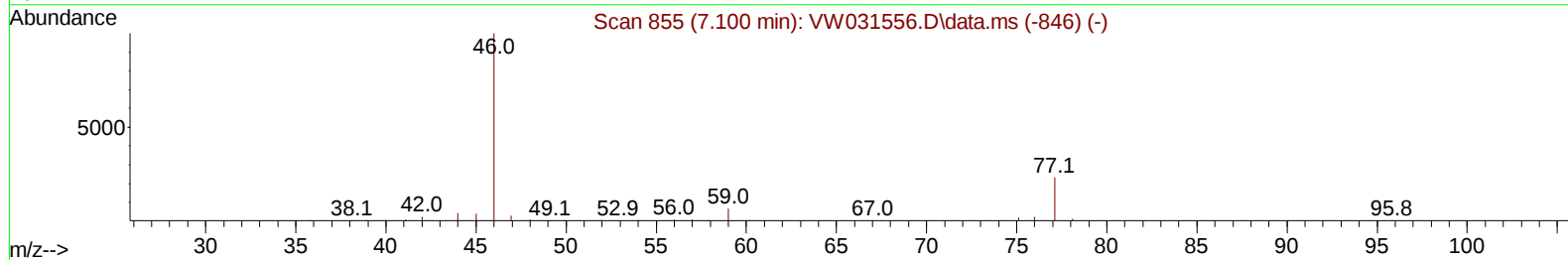
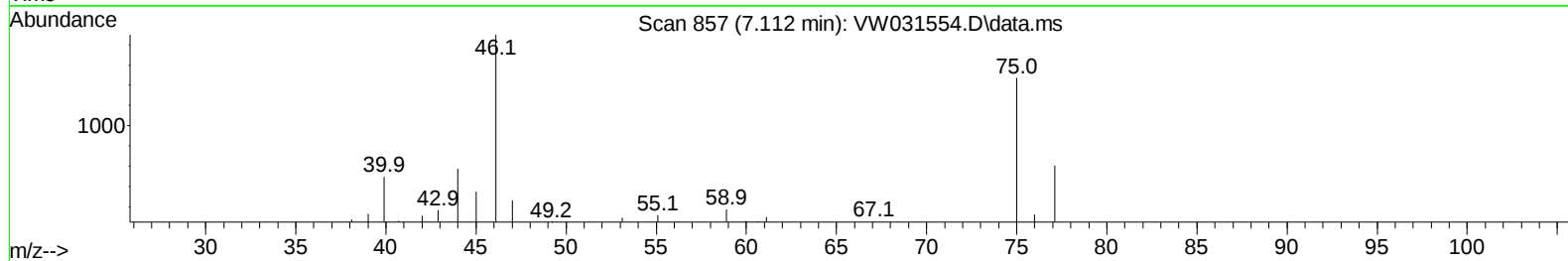
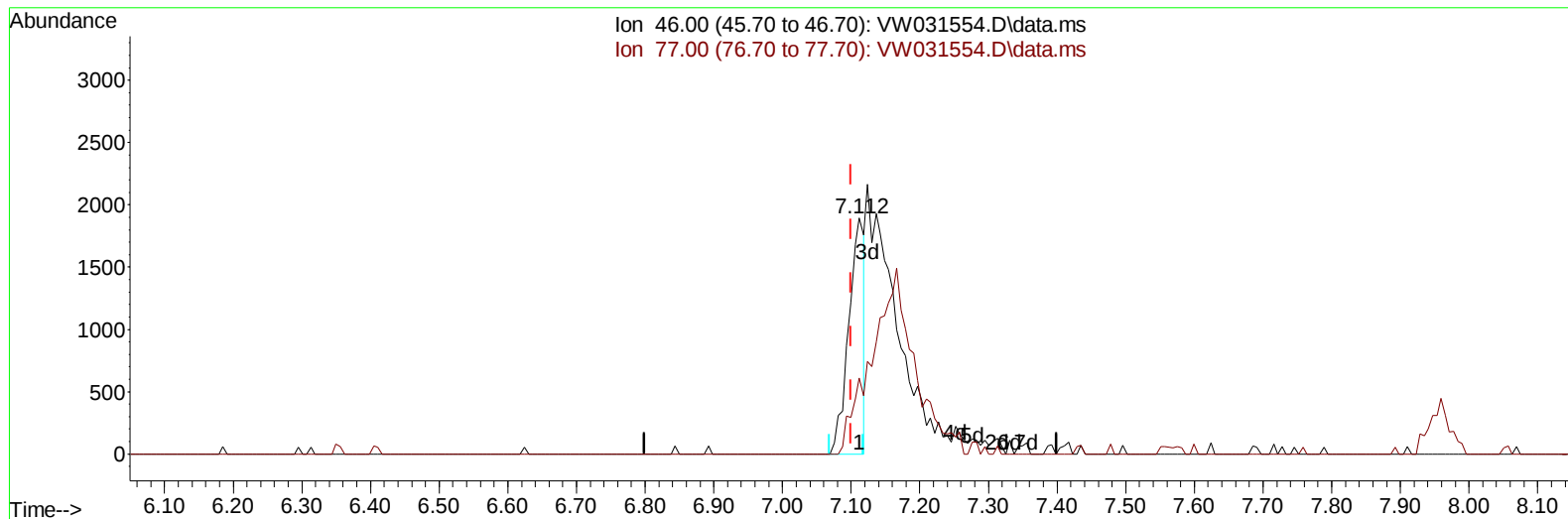
4.704min (+ 0.006) 3.12 ug/L m

response 10376

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	13.20	4.22#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(21) 2-Butanone-d5 (S)

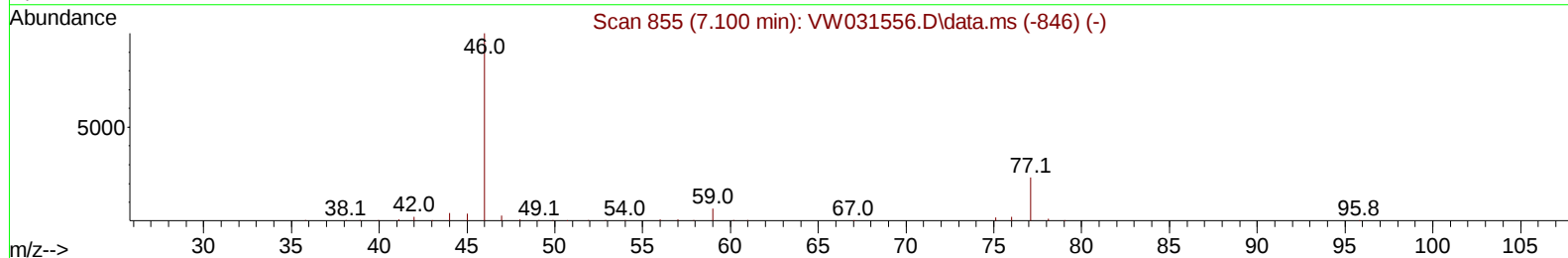
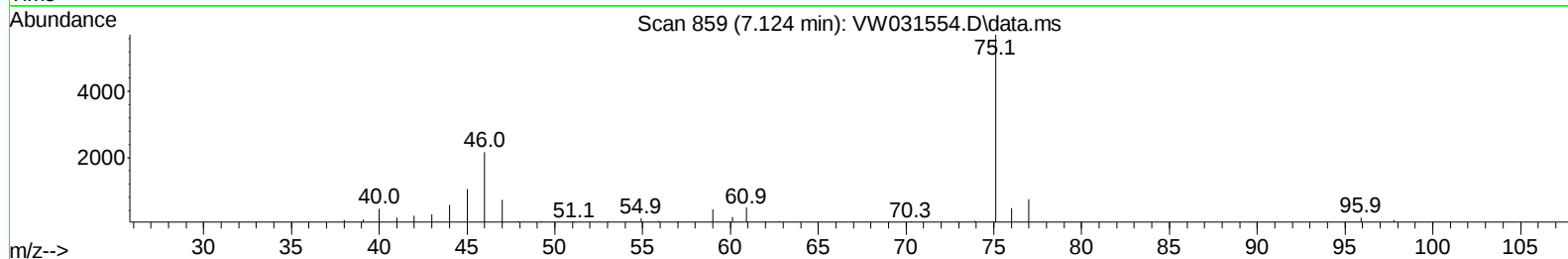
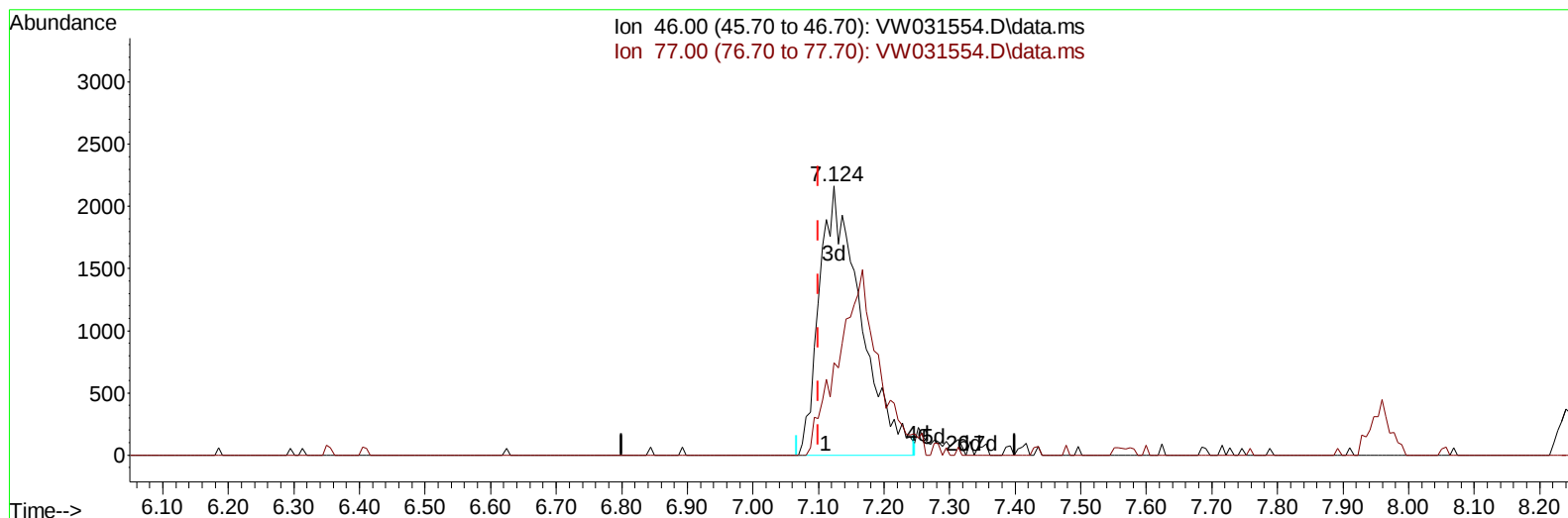
7.112min (+ 0.012) 1.76 ug/L

response 2990

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	29.90	26.59
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(21) 2-Butanone-d5 (S)

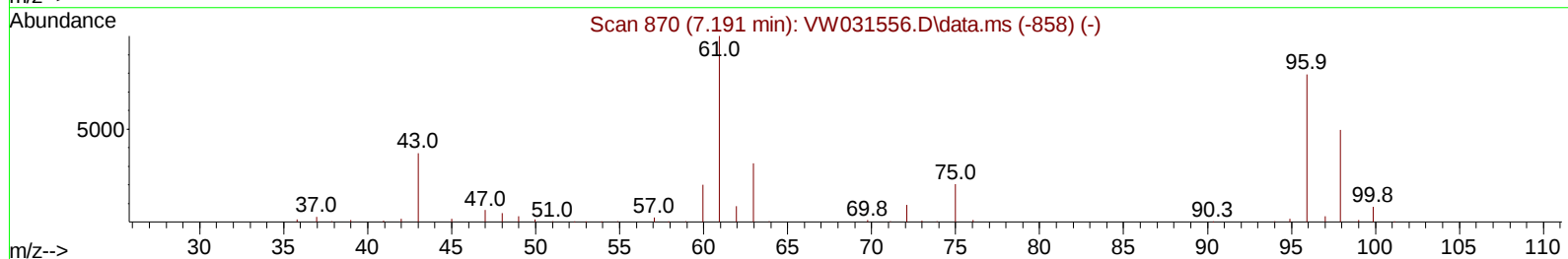
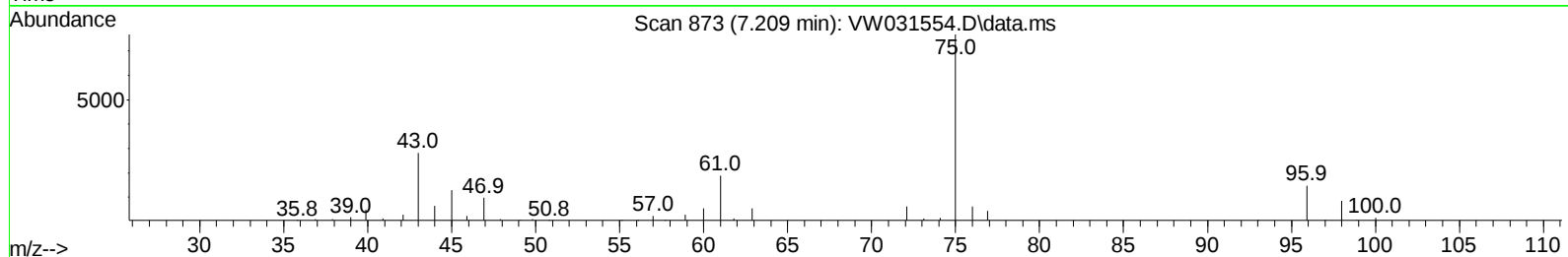
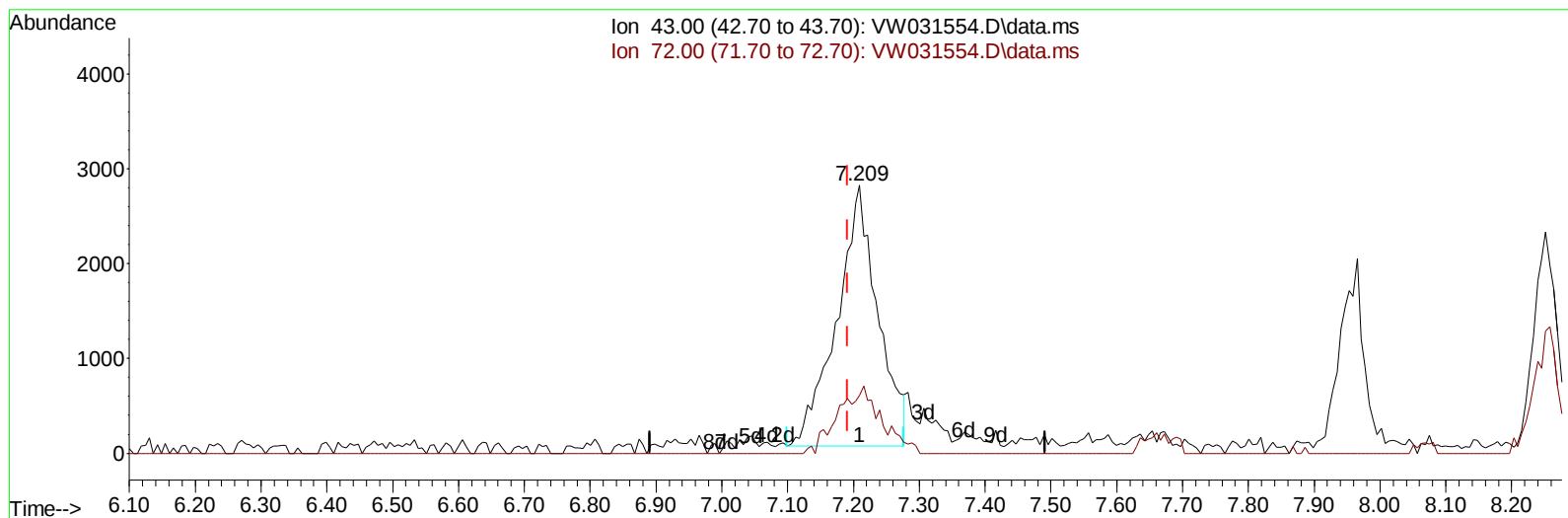
7.124min (+ 0.024) 5.62 ug/L m

response 9531

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	29.90	8.34#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(22) 2-Butanone (T)

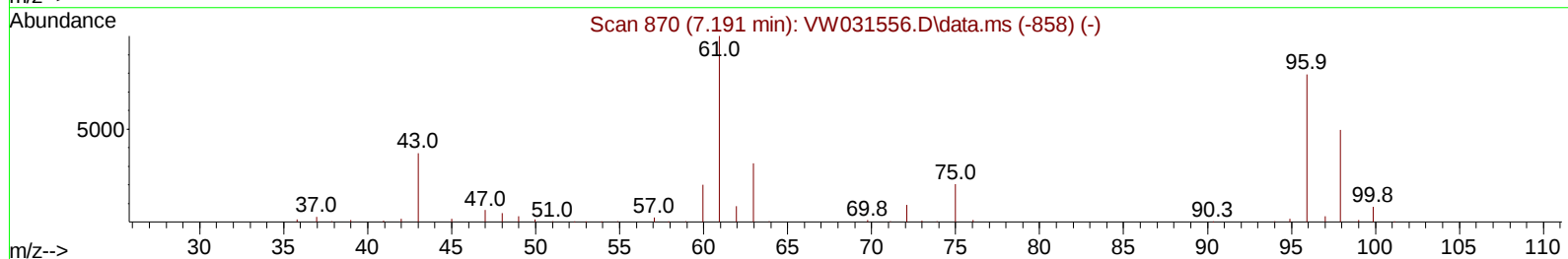
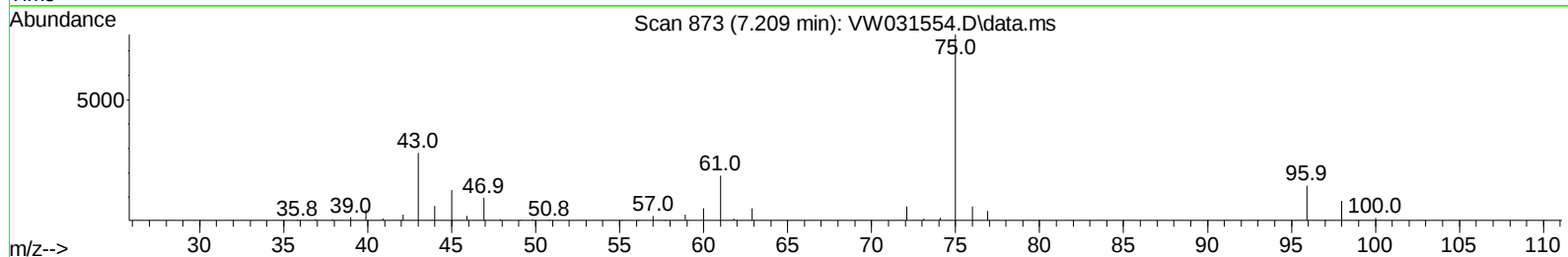
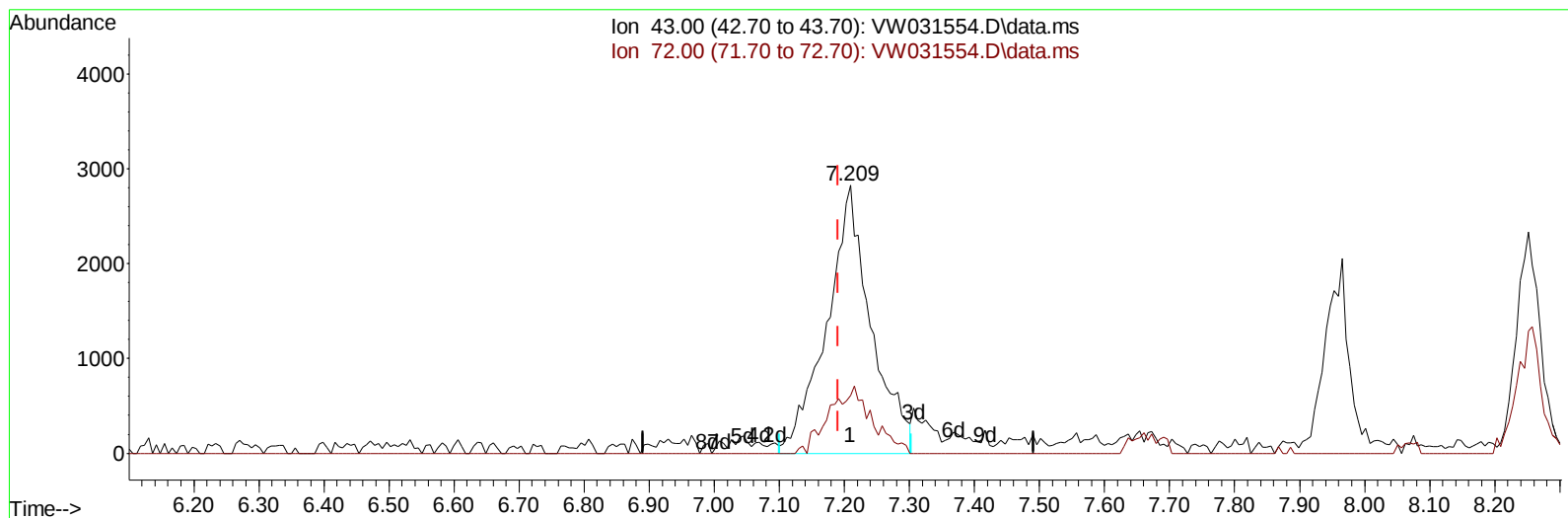
7.209min (+ 0.018) 5.44 ug/L

response 11921

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.30	9.91#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
Data File : VW031554.D
Acq On : 10 Jan 2025 09:45
Operator : SY/MD
Sample : VSTD2.552
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jan 11 03:10:14 2025
Response via : Initial Calibration



TIC: VW031554.D\data.ms

(22) 2-Butanone (T)

7.209min (+ 0.018) 6.08 ug/L m

response 13327

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	26.30	8.86#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031554.D
 Acq On : 10 Jan 2025 09:45
 Operator : SY/MD
 Sample : VSTD2.552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	679147	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	566736	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	276361	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	32175	3.019	ug/L	0.00
7) Chloroethane-d5	2.899	69	21960	2.885	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	13442	2.824	ug/L	0.00
21) 2-Butanone-d5	7.124	46	9531m	5.620	ug/L	0.02
24) Chloroform-d	7.654	84	47078	2.678	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.313	65	24098	2.786	ug/L	0.00
32) Benzene-d6	8.276	84	99085	2.783	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	28642	2.725	ug/L	0.00
41) Toluene-d8	10.325	98	88277	2.747	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	11507	2.666	ug/L	0.00
47) 2-Hexanone-d5	10.928	63	5337	4.916	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17661	2.748	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	26419	2.726	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	23796m	2.771	ug/L	
3) Chloromethane	2.222	50	24406	2.666	ug/L	96
5) Vinyl chloride	2.369	62	29577	2.533	ug/L	90
6) Bromomethane	2.795	94	17200	2.520	ug/L	96
8) Chloroethane	2.936	64	17131	2.496	ug/L	99
9) Trichlorofluoromethane	3.277	101	29949	2.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	22668m	2.553	ug/L	
12) 1,1-Dichloroethene	4.045	96	22265	2.464	ug/L	99
13) Acetone	4.192	43	7528m	5.965	ug/L	
14) Carbon disulfide	4.393	76	75079	2.466	ug/L	96
15) Methyl Acetate	4.704	43	10376m	3.125	ug/L	
16) Methylene chloride	4.917	84	24034	2.598	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	24338	2.507	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	39419	2.533	ug/L	98
19) 1,1-Dichloroethane	6.222	63	44864	2.457	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	24992	2.412	ug/L	93
22) 2-Butanone	7.209	43	13327m	6.082	ug/L	
23) Bromochloromethane	7.520	128	9860	2.429	ug/L	95
25) Chloroform	7.685	83	42402	2.441	ug/L	97
27) 1,2-Dichloroethane	8.404	62	26728	2.498	ug/L	97
29) Cyclohexane	7.953	56	45571	2.509	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	37173	2.527	ug/L	99
31) Carbon tetrachloride	8.063	117	33145	2.541	ug/L	97
33) Benzene	8.325	78	98134	2.530	ug/L	100
34) Trichloroethene	9.087	95	26358	2.528	ug/L	91
35) Methylcyclohexane	9.337	83	46202	2.471	ug/L	98
37) 1,2-Dichloropropane	9.367	63	24964	2.561	ug/L	100
38) Bromodichloromethane	9.642	83	29505	2.502	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	36927	2.408	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	27320	5.614	ug/L	99
42) Toluene	10.386	91	101880	2.513	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011025\
 Data File : VW031554.D
 Acq On : 10 Jan 2025 09:45
 Operator : SY/MD
 Sample : VSTD2.552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 11 03:11:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jan 11 03:10:14 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.605	75	29604	2.415	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	15878	2.541	ug/L	96
46) Tetrachloroethene	10.861	164	19245	2.572	ug/L	95
48) 2-Hexanone	10.971	43	14409	4.846	ug/L	98
49) Dibromochloromethane	11.129	129	16517	2.402	ug/L	99
50) 1,2-Dibromoethane	11.239	107	14114	2.437	ug/L	97
51) Chlorobenzene	11.654	112	62406	2.493	ug/L	98
52) Ethylbenzene	11.727	91	117330	2.522	ug/L	97
53) m,p-Xylene	11.837	106	45087	2.542	ug/L	98
54) o-Xylene	12.166	106	40923	2.482	ug/L	97
55) Styrene	12.178	104	65985	2.406	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.714	83	18420	2.683	ug/L	95
59) Bromoform	12.343	173	8587	2.332	ug/L #	99
60) Isopropylbenzene	12.458	105	117082	2.425	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	12852	2.476	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	94930	2.388	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	92202	2.383	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	46988	2.454	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	48142	2.542	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	41187	2.519	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	2840	2.448	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	31797	2.450	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	25769	2.493	ug/L	97
71) Naphthalene	15.360	128	45261	2.335	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	21965	2.523	ug/L	94

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

TIC: VW031554.D\data.ms

Abundance

Time-->

Chlorodifluoromethane, T
Vinyl Chloride, T
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Acetone, T
Carbon disulfide, T
Methyl Acetate, T
Methylene chloride, T
Nitrobenzene, T
1,1-Dichloroethane, T
2,2-Bis(4-chlorophenyl)propane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, S
Ethanol, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
2-Naphthalenol, T
1,2-Dibromoethane, T
Chlorobenzene, T
m,p-Xylene, I
Styrene, T
Bromobenzene, T
Isopropylbenzene, T
1,3,5-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, I
1,2-Dichlorobenzene, T
1,3,5-Trichlorobenzene, T
1,2-Dibromo-3-chloropropane, T
1,2,4-trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T