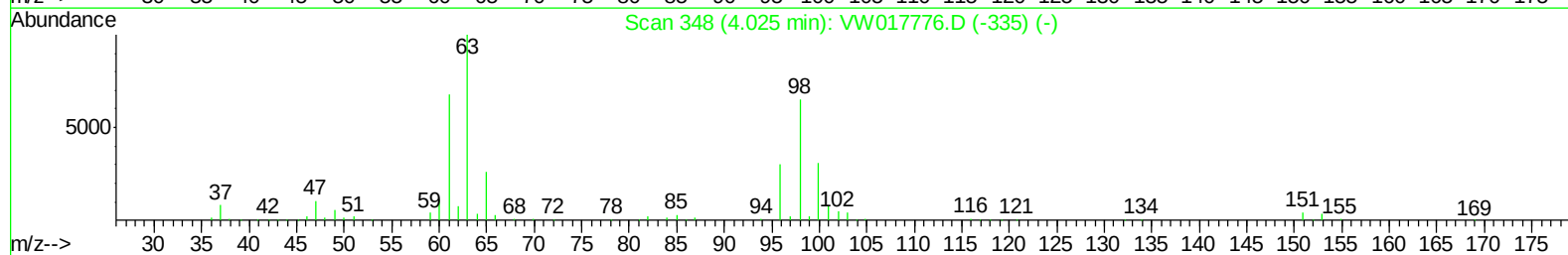
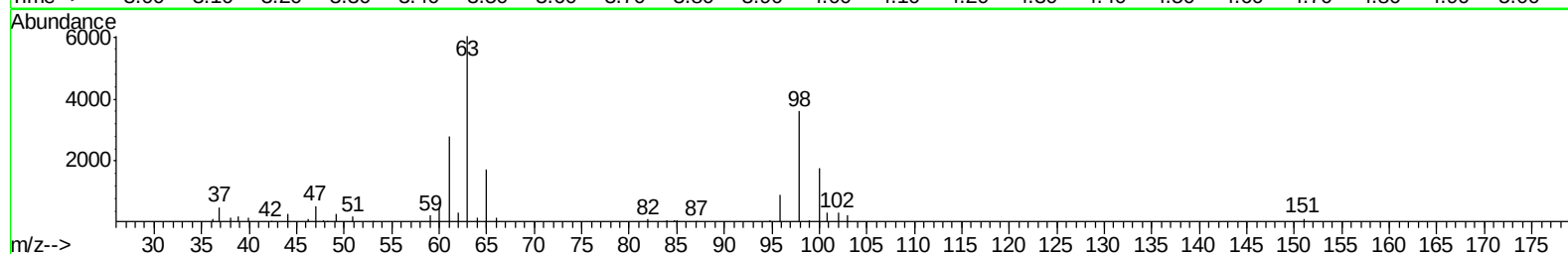
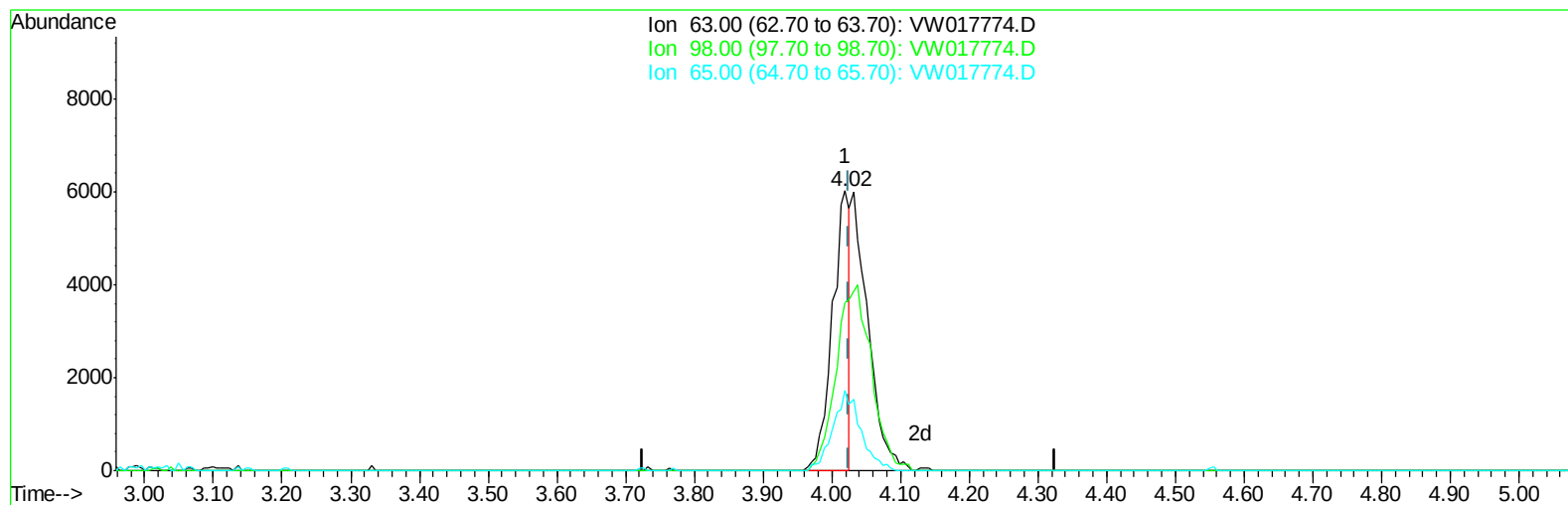


Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
Data File : VW017774.D
Acq On : 30 Dec 2020 10:44
Operator : SY/VA
Sample : VSTD2.503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:29:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 12:27:36 2020
Response via : Initial Calibration



TIC: VW017774.D

(11) 1,1-Dichloroethene-d2 (S)

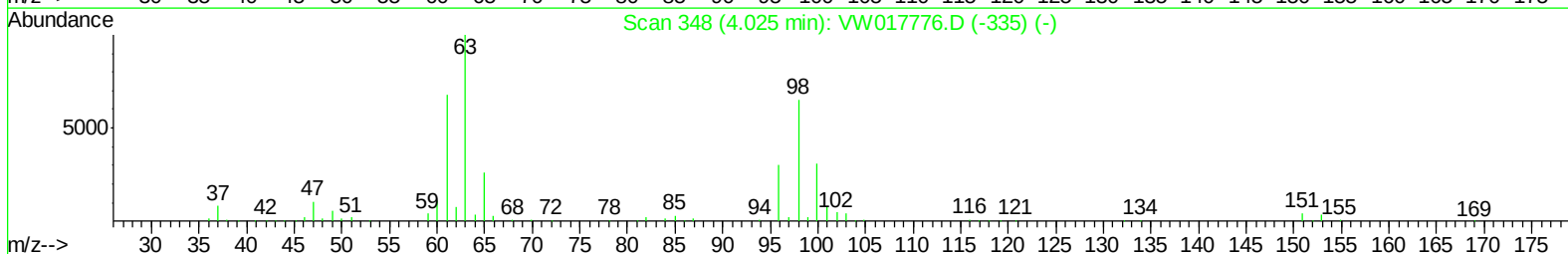
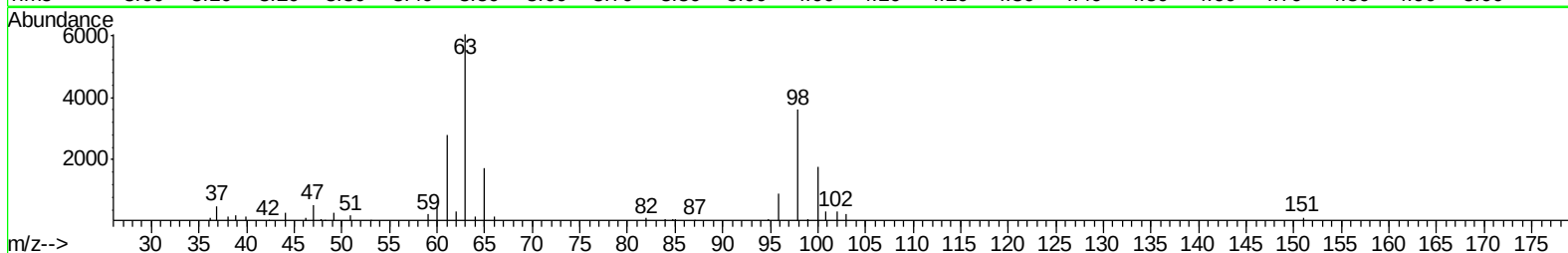
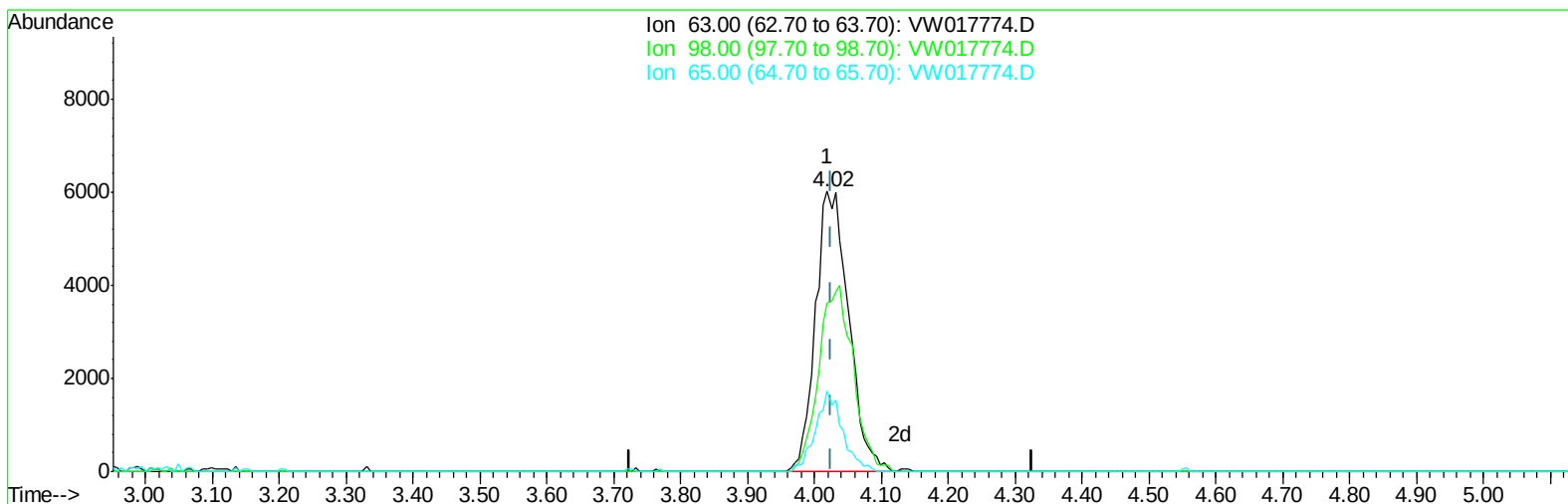
4.019min (-0.006) 1.39ug/L

response 10800

Ion	Exp%	Act%
63.00	100	100
98.00	70.20	130.46#
65.00	23.70	43.95#
0.00	0.00	0.00

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
Data File : VW017774.D
Acq On : 30 Dec 2020 10:44
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:29:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 12:27:36 2020
Response via : Initial Calibration



TIC: VW017774.D

(11) 1,1-Dichloroethene-d2 (S)

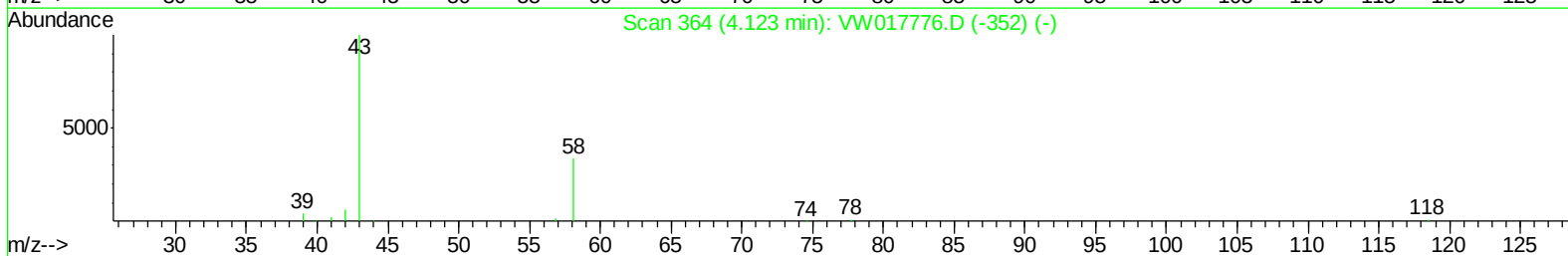
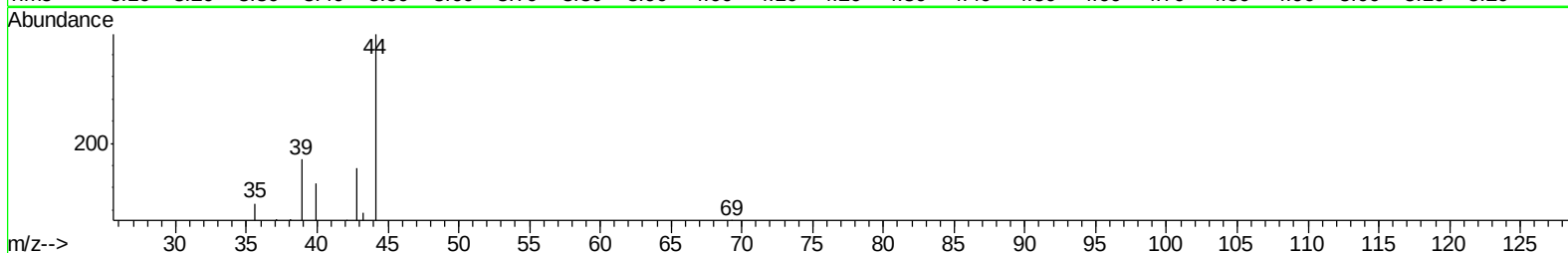
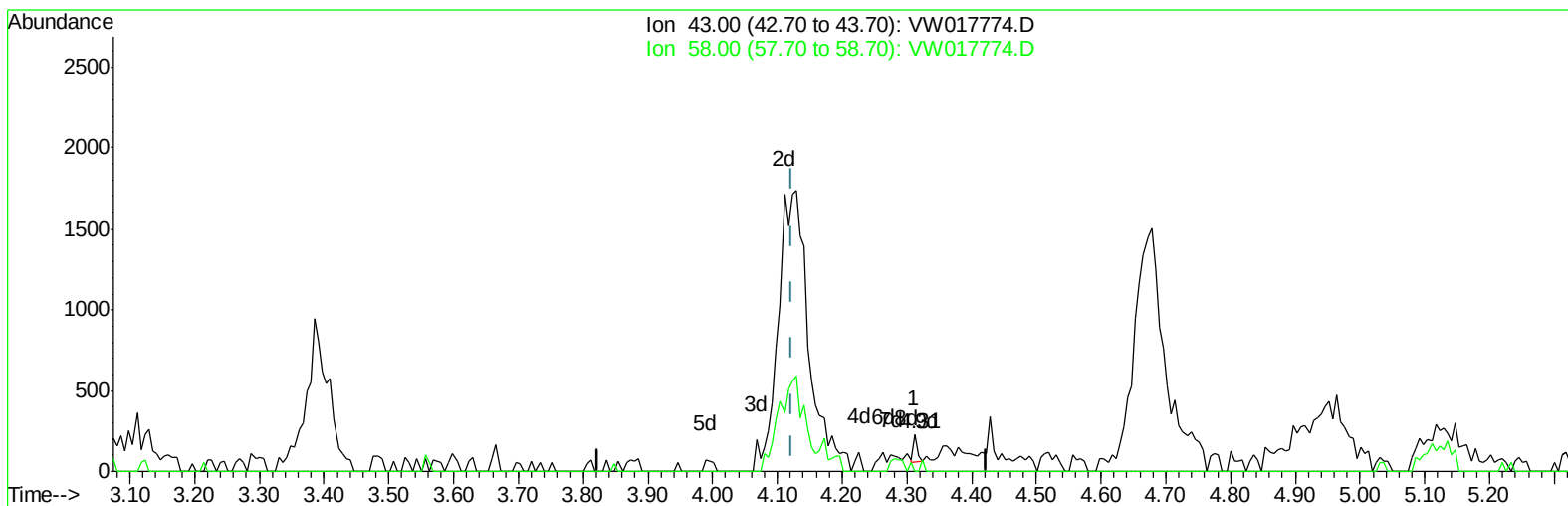
4.019min (-0.006) 2.67ug/L m

response 20722

Ion	Exp%	Act%
63.00	100	100
98.00	70.20	68.00
65.00	23.70	22.91
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
Data File : VW017774.D
Acq On : 30 Dec 2020 10:44
Operator : SY/VA
Sample : VSTD2.503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:29:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 12:27:36 2020
Response via : Initial Calibration



TIC: VW017774.D

(13) Acetone (T)

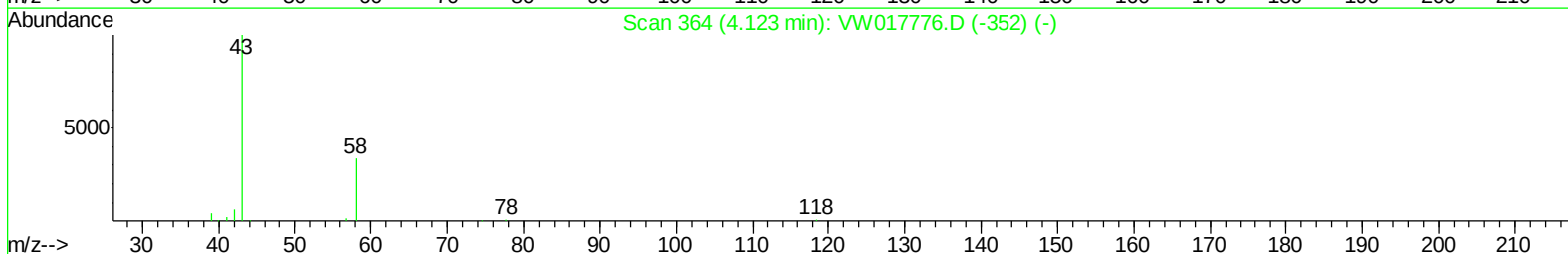
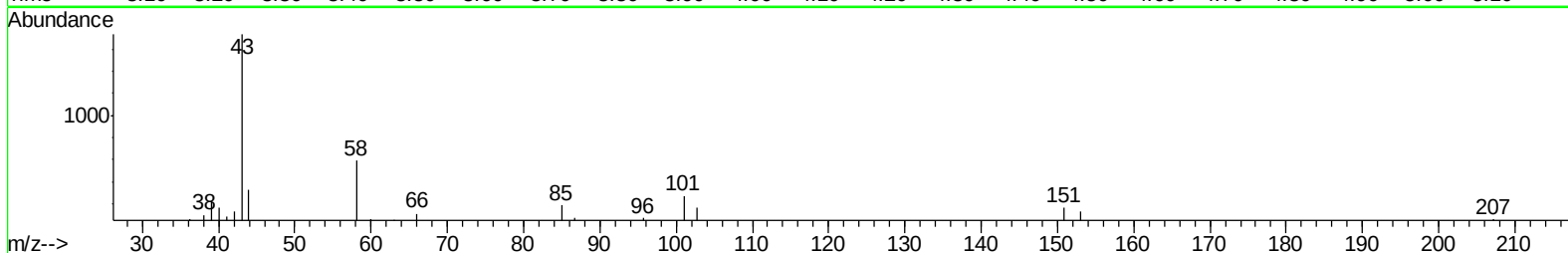
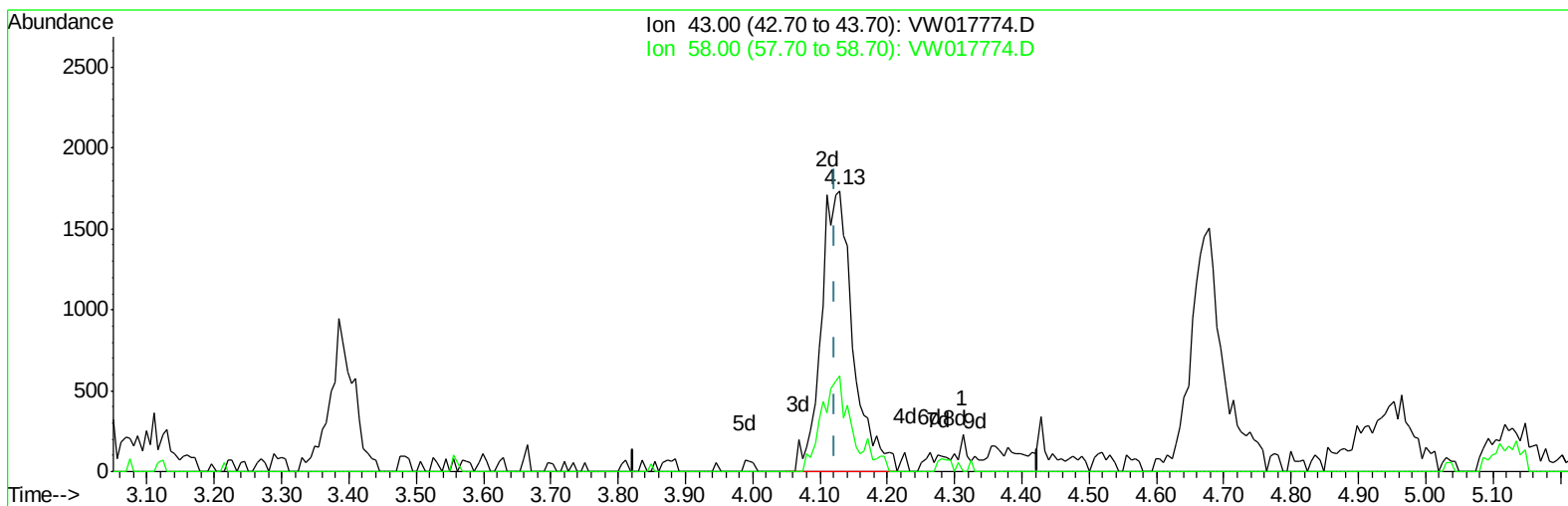
4.312min (+0.189) 0.11ug/L

response 78

Ion	Exp%	Act%
43.00	100	100
58.00	26.90	26.92
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
 Data File : VW017774.D
 Acq On : 30 Dec 2020 10:44
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 12:27:36 2020
 Response via : Initial Calibration



TIC: VW017774.D

(13) Acetone (T)

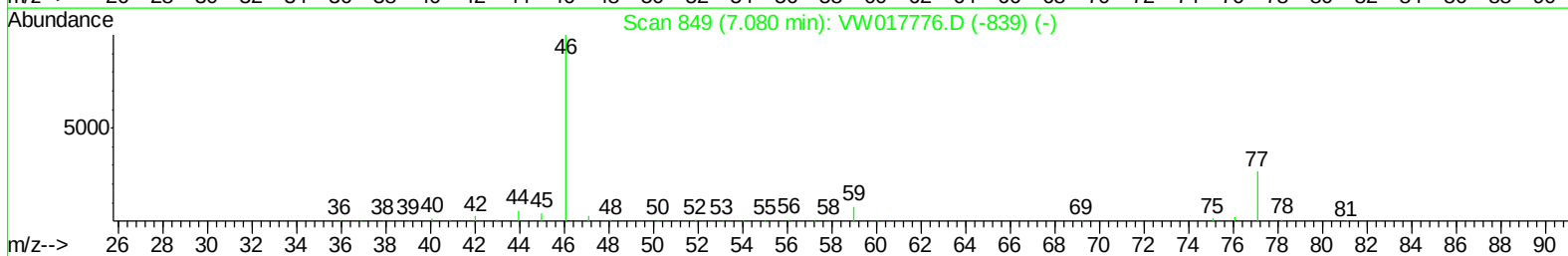
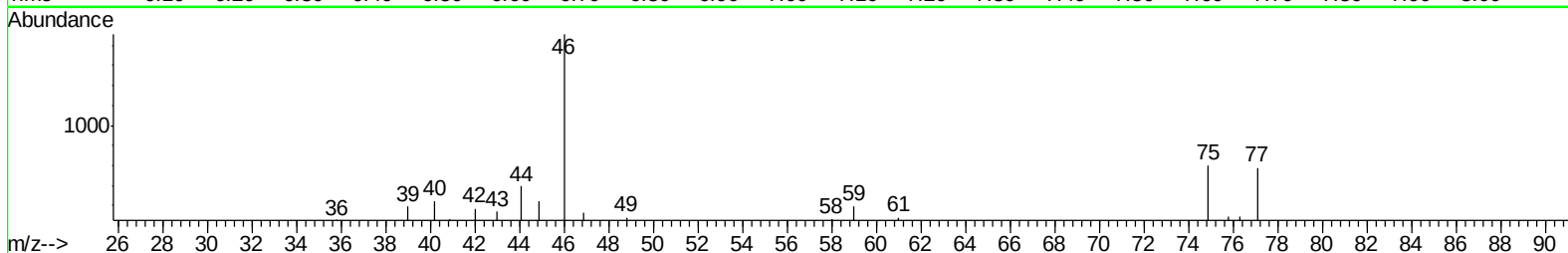
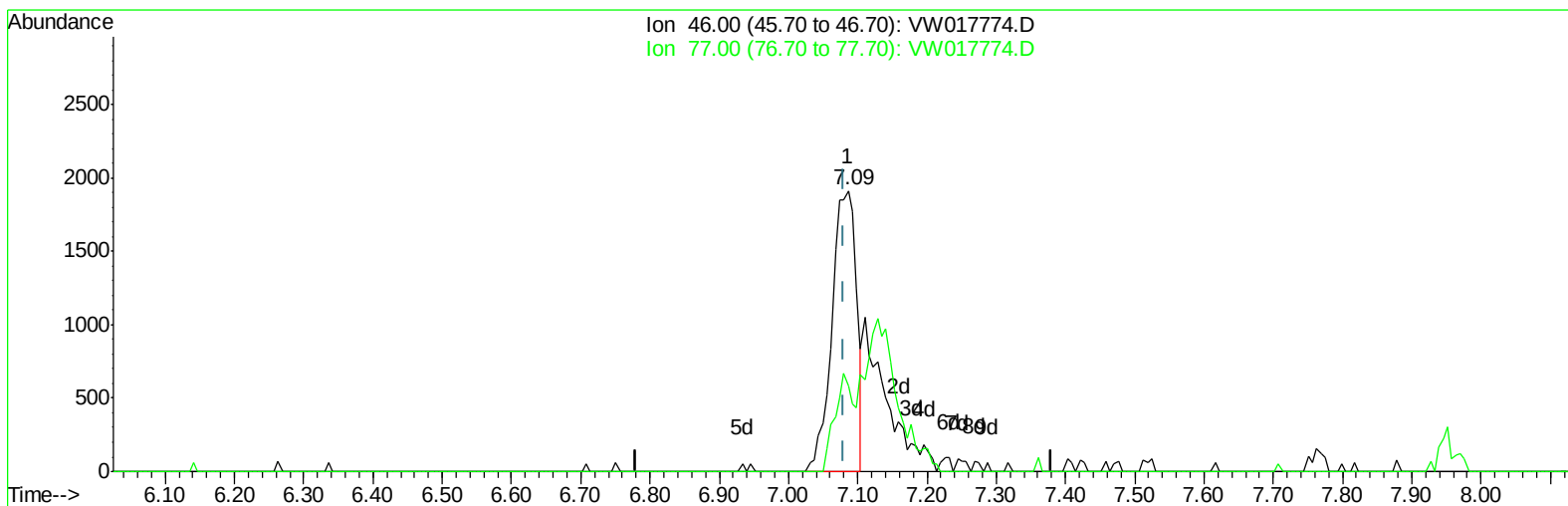
4.129min (+0.006) 8.22ug/L m

response 5747

Ion	Exp%	Act%
43.00	100	100
58.00	26.90	0.37
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
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Acq On : 30 Dec 2020 10:44
Operator : SY/VA
Sample : VSTD2.503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:29:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 30 12:27:36 2020
Response via : Initial Calibration



TIC: VW017774.D

(21) 2-Butanone-d5 (S)

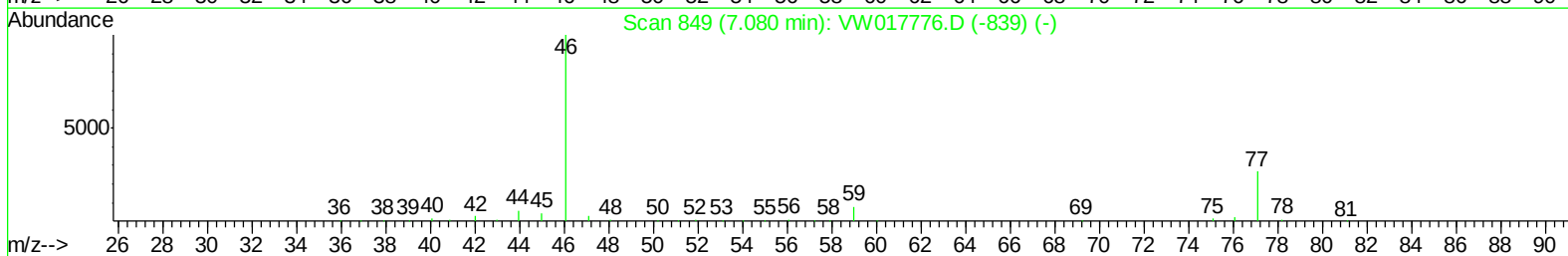
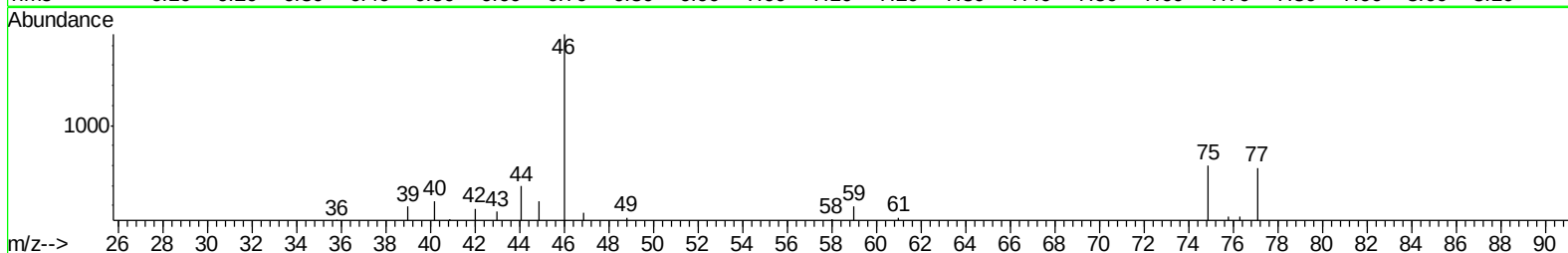
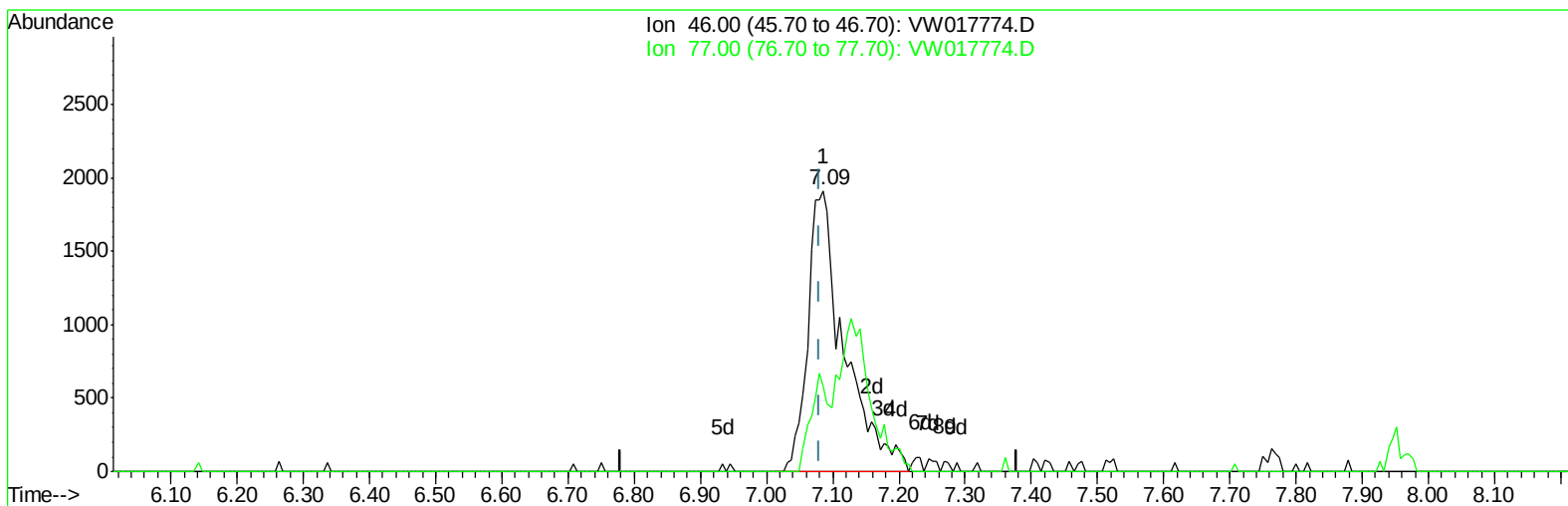
7.086min (+0.006) 4.87ug/L

response 4773

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	26.80
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
 Data File : VW017774.D
 Acq On : 30 Dec 2020 10:44
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 30 12:27:36 2020
 Response via : Initial Calibration



TIC: VW017774.D

(21) 2-Butanone-d5 (S)

7.086min (+0.006) 7.40ug/L m

response 7252

Ion	Exp%	Act%
46.00	100	100
77.00	26.80	17.64#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW123020\
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 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 30 12:36:20 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM123020SMA.M

Quant Title : SFAM01.0

QLast Update : Wed Dec 30 12:27:36 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	277635	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	252669	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.55	152	124827	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12268	2.82	ug/L	0.00
7) Chloroethane-d5	2.89	69	10238	2.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.02	63	20722m	2.67	ug/L	0.00
21) 2-Butanone-d5	7.09	46	7252m	7.40	ug/L	0.00
24) Chloroform-d	7.65	84	20215	2.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	12383	2.87	ug/L	0.00
32) Benzene-d6	8.27	84	38512	2.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.27	67	11035	2.66	ug/L	0.00
41) Toluene-d8	10.32	98	34839	2.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.58	79	4717	2.34	ug/L	0.00
47) 2-Hexanone-d5	10.93	63	3941	5.75	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.69	84	10256	2.78	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.85	152	12667	2.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9052	2.774 ug/L	91
3) Chloromethane	2.21	50	7580	2.651 ug/L	99
5) Vinyl chloride	2.36	62	12205	2.573 ug/L	90
6) Bromomethane	2.78	94	9410	2.305 ug/L	91
8) Chloroethane	2.93	64	7534	2.409 ug/L	95
9) Trichlorofluoromethane	3.26	101	7782	2.327 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	9583	2.618 ug/L #	75
12) 1,1-Dichloroethene	4.04	96	9101	2.610 ug/L	93
13) Acetone	4.13	43	5747m	8.224 ug/L	
14) Carbon disulfide	4.39	76	22788	2.121 ug/L	99
15) Methyl Acetate	4.68	43	4361	2.634 ug/L	94
16) Methylene chloride	4.93	84	15811	3.615 ug/L	94
17) trans-1,2-Dichloroethene	5.43	96	9659	2.491 ug/L	98
18) Methyl tert-butyl Ether	5.43	73	12190	2.427 ug/L #	77
19) 1,1-Dichloroethane	6.21	63	16676	2.448 ug/L	93
20) cis-1,2-Dichloroethene	7.17	96	9731	2.340 ug/L	88
22) 2-Butanone	7.17	43	9261	8.466 ug/L #	55
23) Bromochloromethane	7.51	128	4796	2.546 ug/L	79
25) Chloroform	7.67	83	17584	2.446 ug/L	97
27) 1,2-Dichloroethane	8.40	62	12829	2.552 ug/L	97
29) Cyclohexane	7.95	56	14279	2.322 ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	15219	2.577 ug/L	97
31) Carbon tetrachloride	8.07	117	13422	2.378 ug/L	97
33) Benzene	8.32	78	37394	2.481 ug/L	100
34) Trichloroethene	9.09	95	10249	2.506 ug/L	94
35) Methylcyclohexane	9.34	83	16500	2.352 ug/L	97
37) 1,2-Dichloropropane	9.37	63	8861	2.421 ug/L	98
38) Bromodichloromethane	9.65	83	12393	2.410 ug/L	95
39) cis-1,3-Dichloropropene	10.07	75	12545	2.103 ug/L	97
40) 4-Methyl-2-pentanone	10.21	43	13354	5.883 ug/L	98

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Quant Title : SFAM01.0

QLast Update : Wed Dec 30 12:27:36 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	10.39	91	40043	2.354	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	11099	2.058	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	7808	2.654	ug/L	95
46) Tetrachloroethene	10.86	164	7691	2.446	ug/L	96
48) 2-Hexanone	10.97	43	9751	6.210	ug/L #	88
49) Dibromochloromethane	11.13	129	7998	2.296	ug/L	82
50) 1,2-Dibromoethane	11.24	107	7385	2.562	ug/L	98
51) Chlorobenzene	11.66	112	25672	2.393	ug/L	95
52) Ethylbenzene	11.73	91	45012	2.330	ug/L	100
53) m,p-Xylene	11.84	106	16798	2.263	ug/L	99
54) o-Xylene	12.16	106	15599	2.199	ug/L	99
55) Styrene	12.18	104	25739	2.132	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.71	83	10029	2.799	ug/L	100
59) Bromoform	12.35	173	4382	2.419	ug/L #	86
60) Isopropylbenzene	12.46	105	43968	2.418	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	7665	2.998	ug/L #	94
62) 1,3,5-Trimethylbenzene	12.94	105	34390	2.324	ug/L	99
63) 1,2,4-Trimethylbenzene	13.25	105	34106	2.268	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	19605	2.485	ug/L	95
65) 1,4-Dichlorobenzene	13.58	146	19928	2.549	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	17546	2.451	ug/L	92
68) 1,2-Dibromo-3-chloropropan	14.49	75	1761	2.999	ug/L	96
69) 1,3,5-Trichlorobenzene	14.63	180	13499	2.513	ug/L	97
70) 1,2,4-trichlorobenzene	15.13	180	12409	2.678	ug/L	94
71) Naphthalene	15.36	128	26298	2.619	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	10945	2.700	ug/L	96

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

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