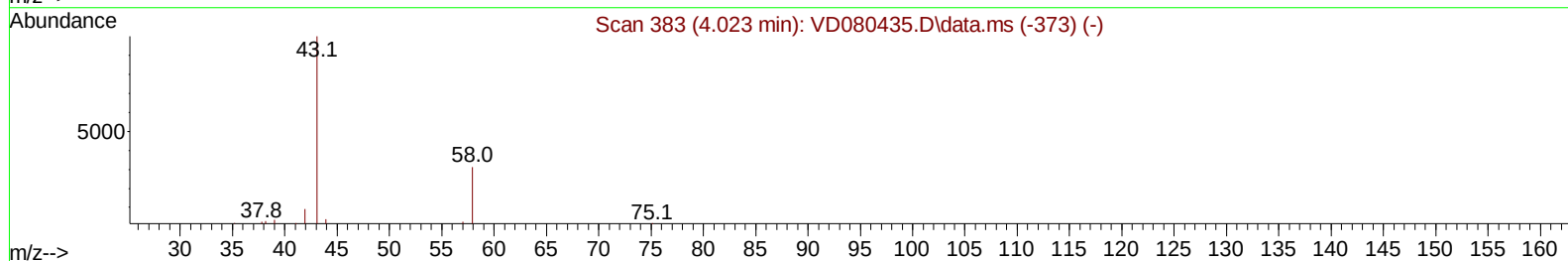
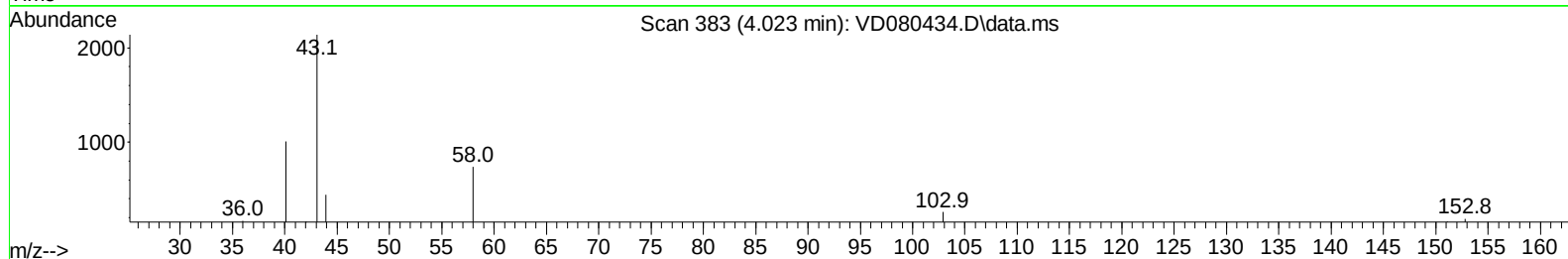
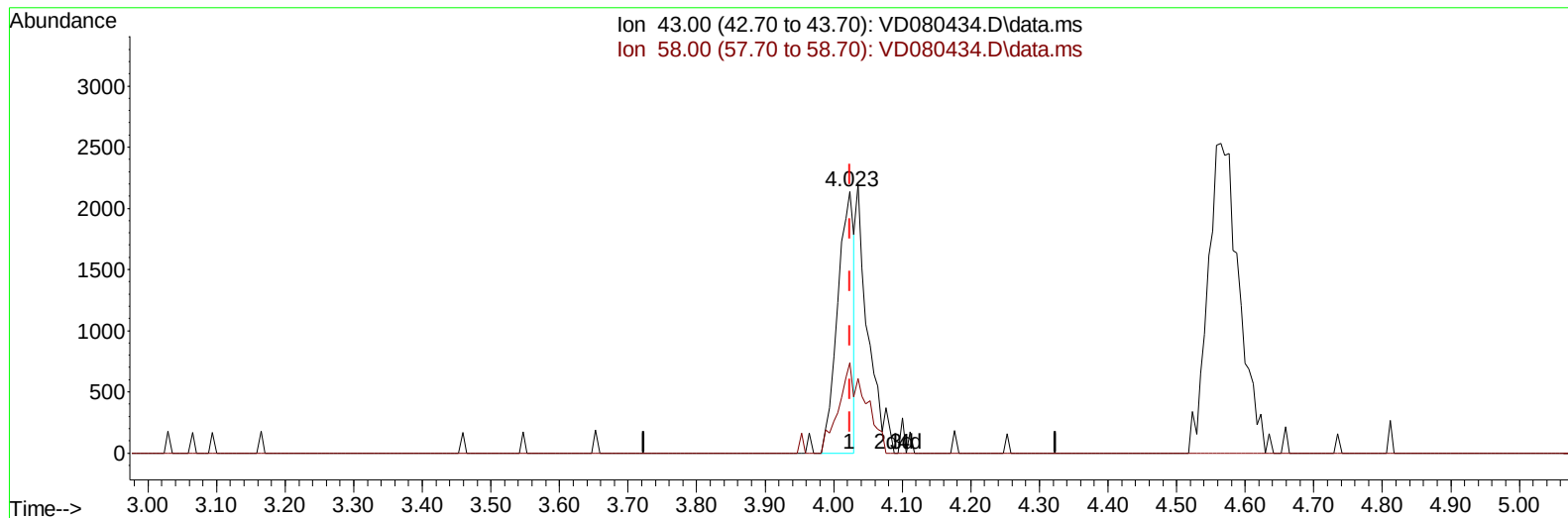


Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10mL/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(13) Acetone (T)

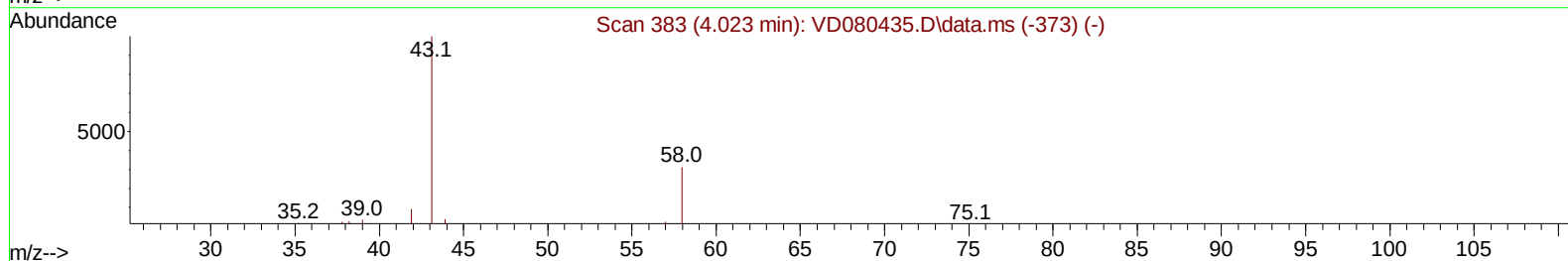
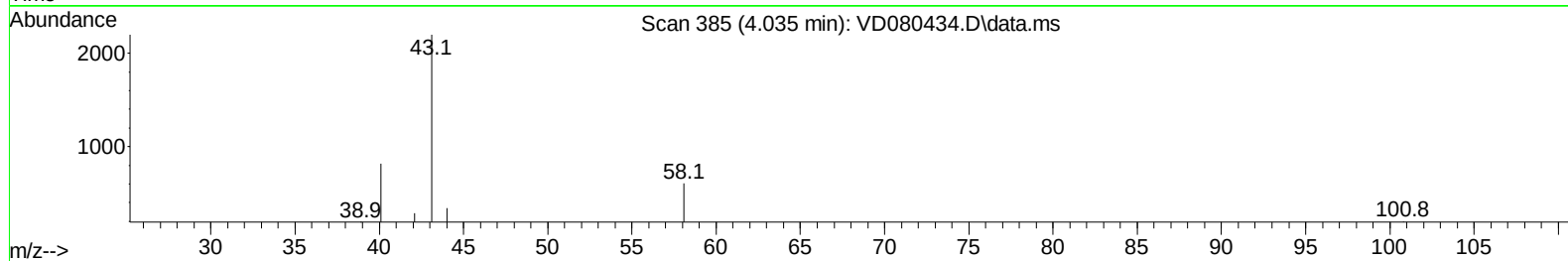
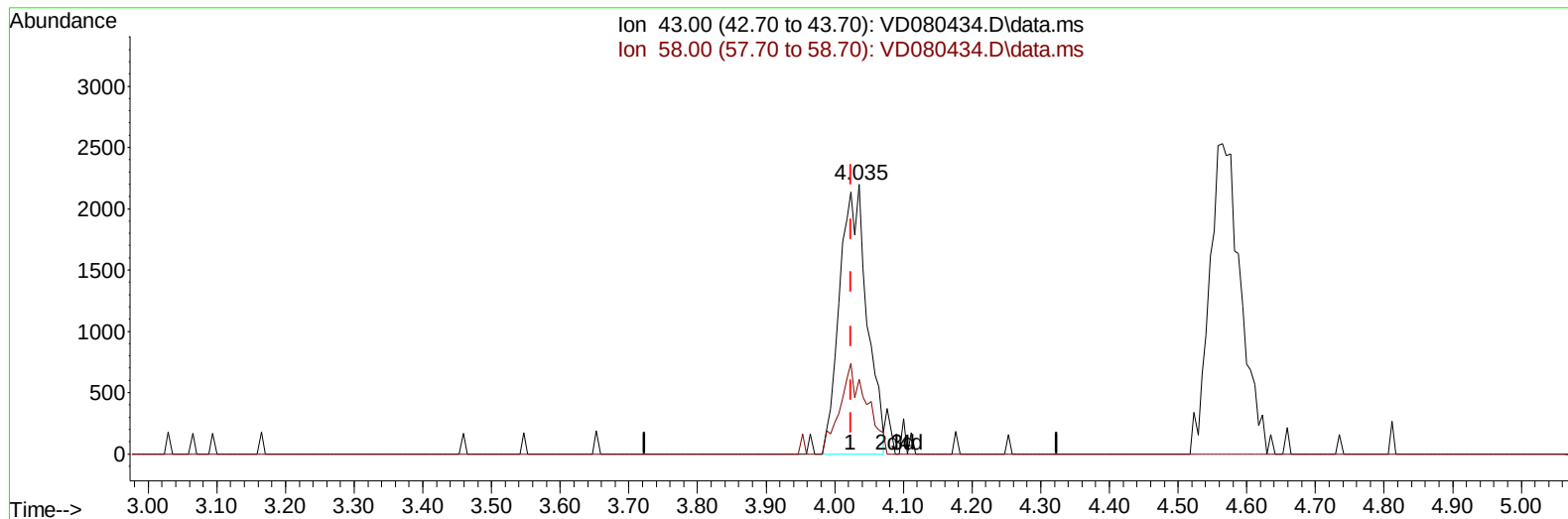
4.023min (-0.000) 6.08 ug/L

response 3589

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.20	31.65
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(13) Acetone (T)

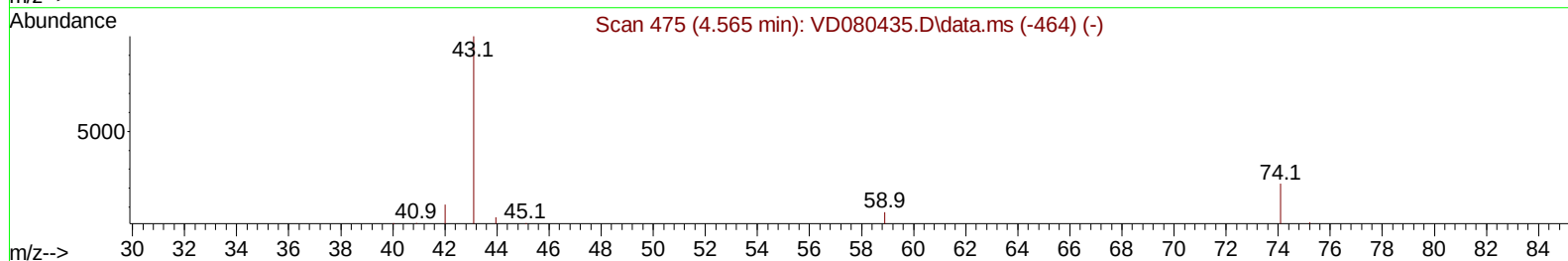
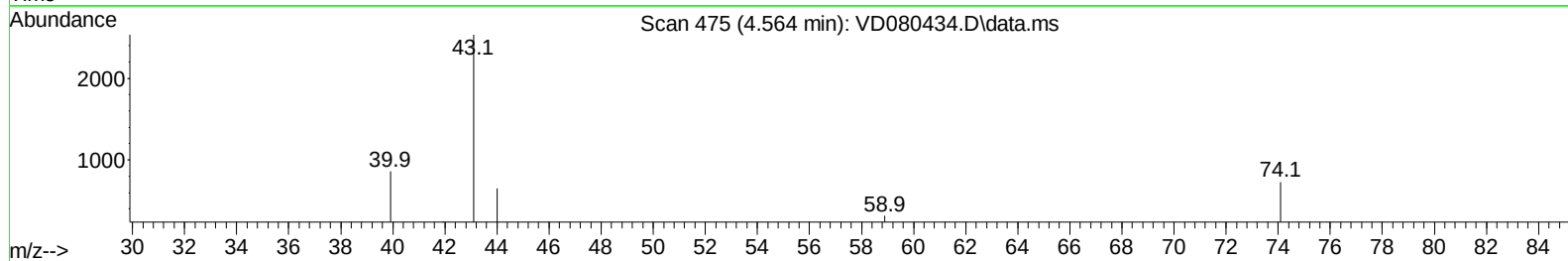
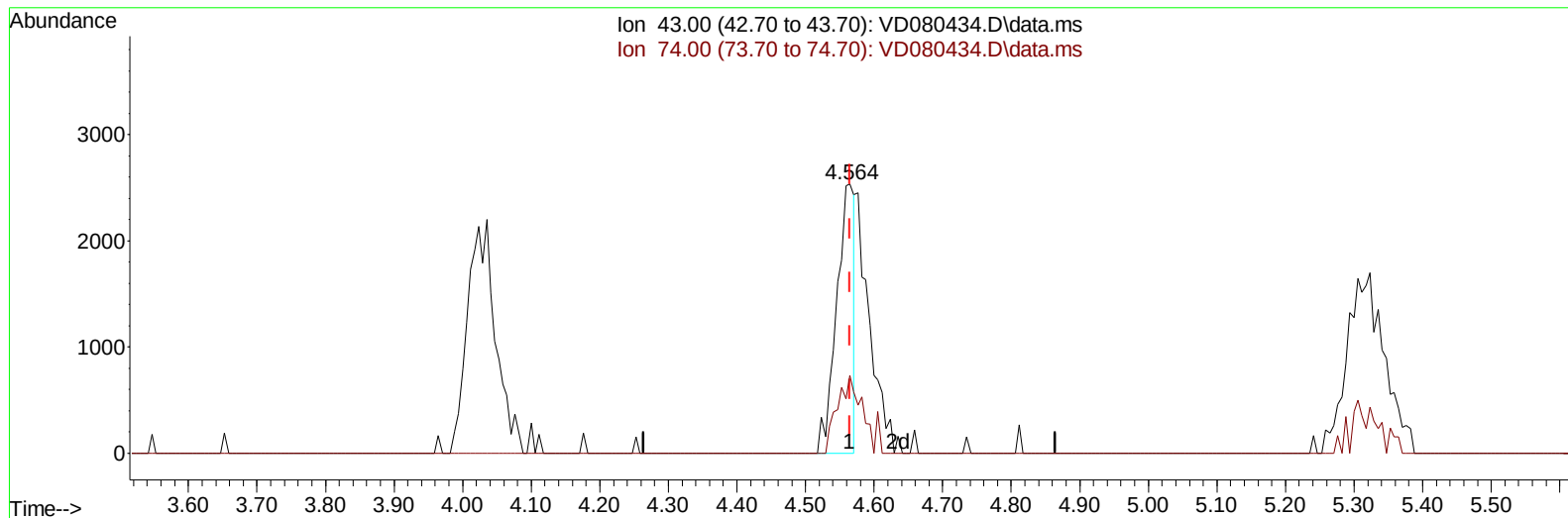
4.035min (+ 0.012) 10.27 ug/L m

response 6066

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	32.20	18.73
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(15) Methyl Acetate (T)

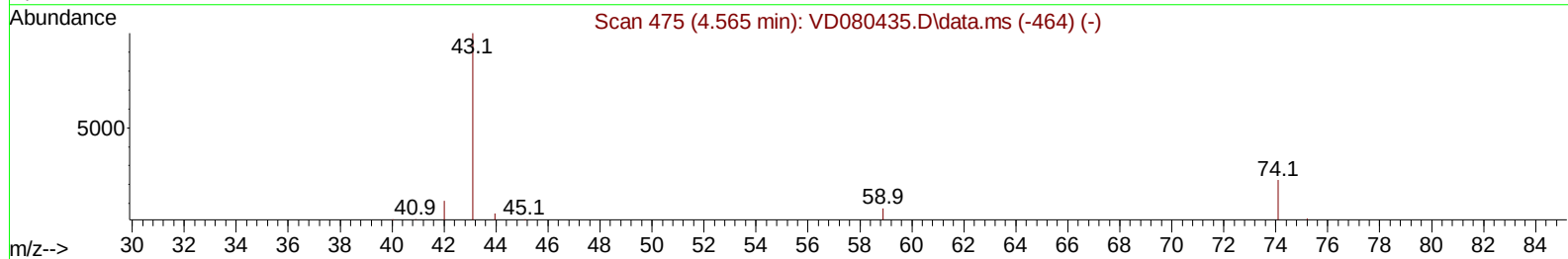
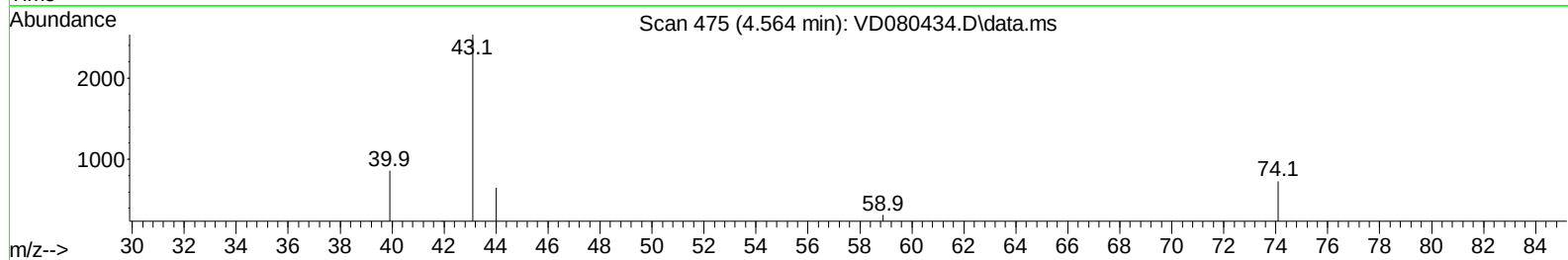
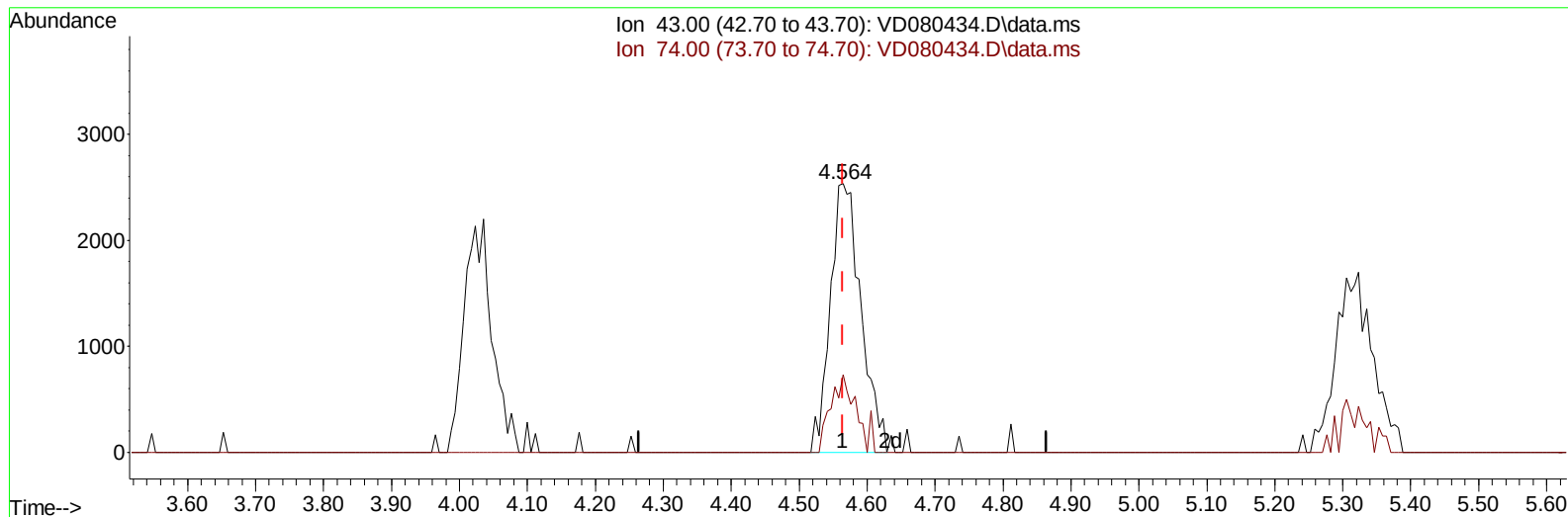
4.564min (-0.000) 3.28 ug/L

response 4597

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	24.00	30.28#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(15) Methyl Acetate (T)

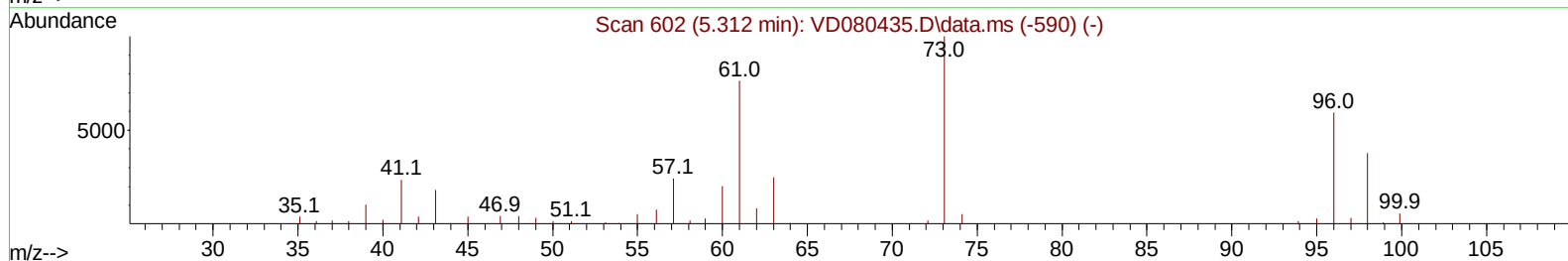
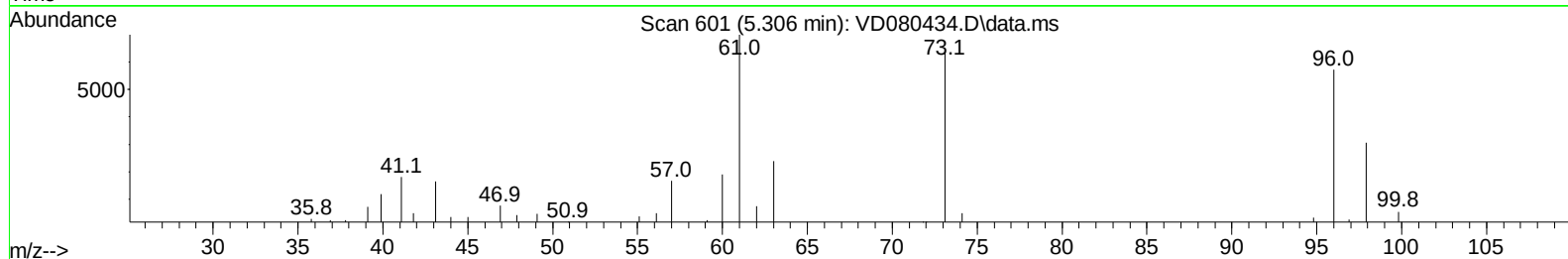
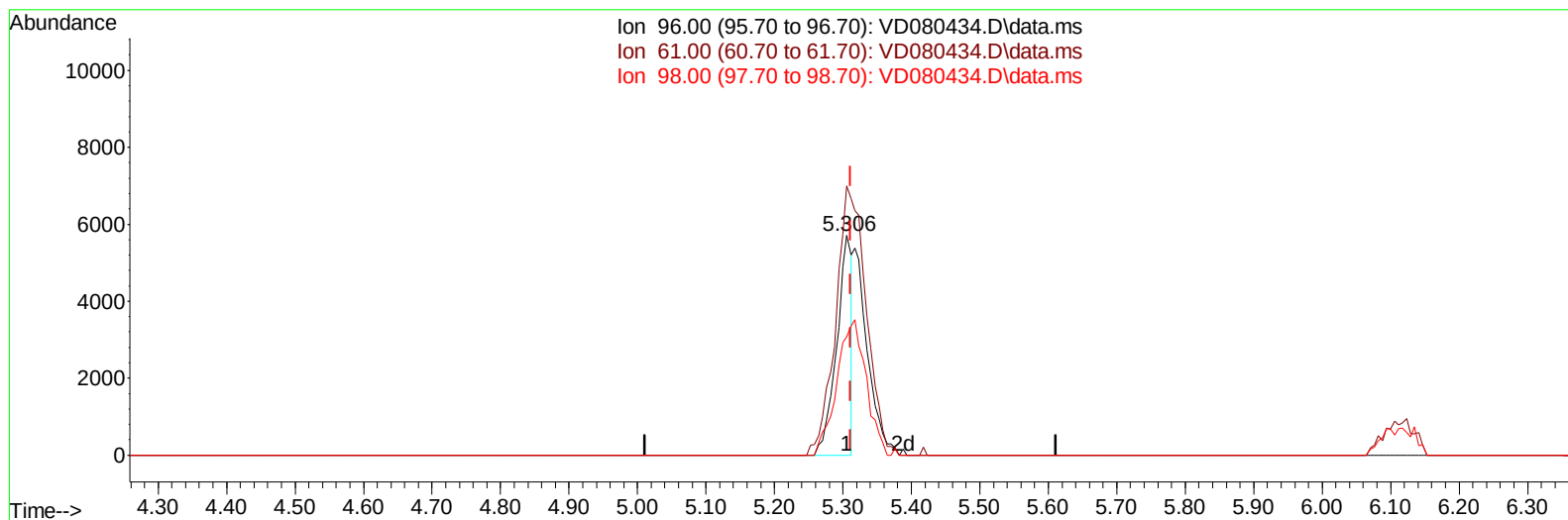
4.564min (-0.000) 5.67 ug/L m

response 7945

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	24.00	17.52#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(17) trans-1,2-Dichloroethene (T)

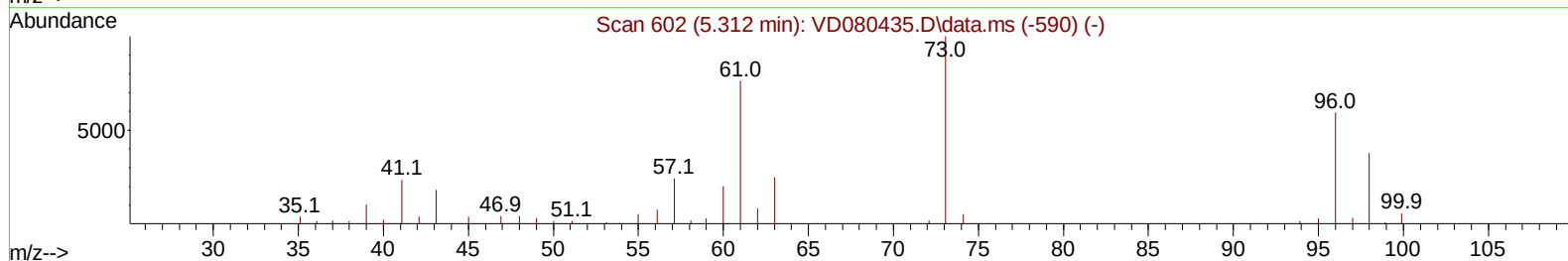
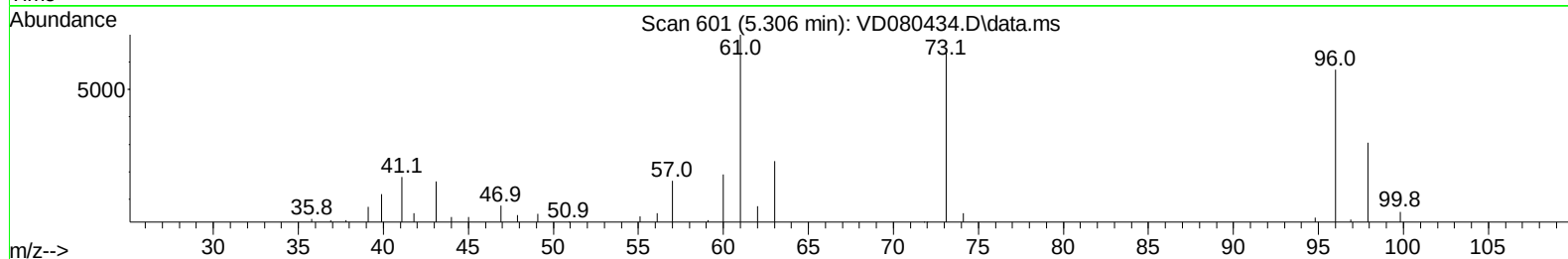
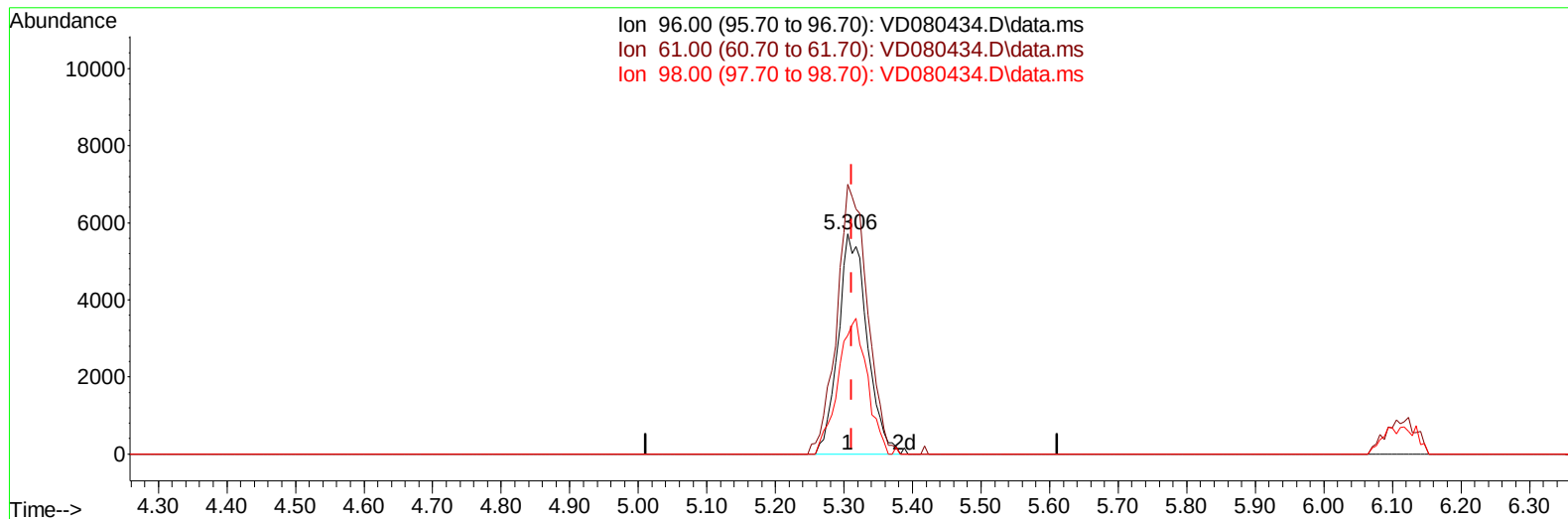
5.306min (-0.006) 2.62 ug/L

response 8673

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	128.50	122.39
98.00	63.70	53.71
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(17) trans-1,2-Dichloroethene (T)

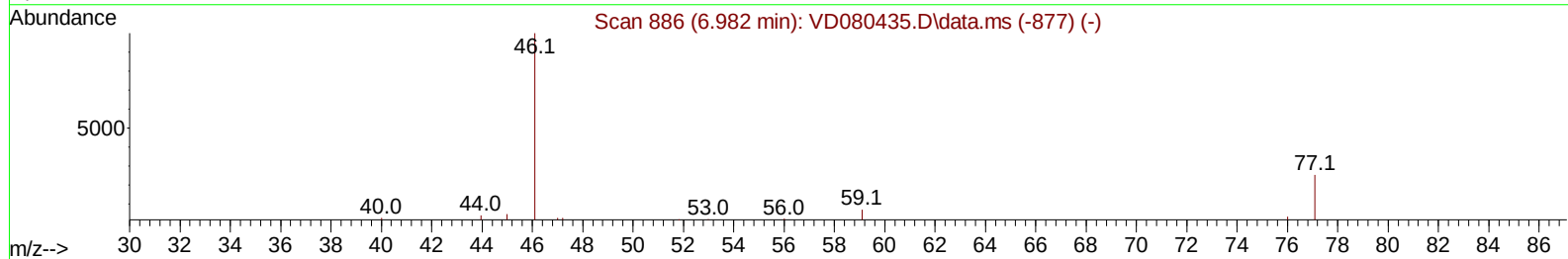
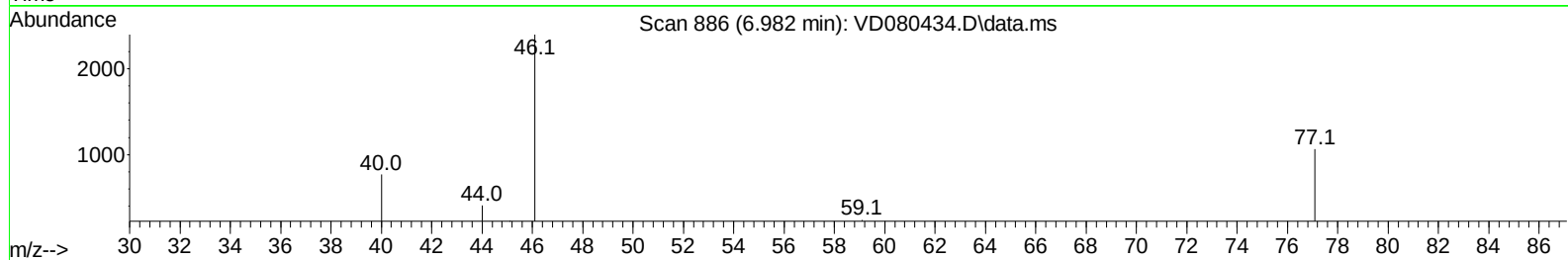
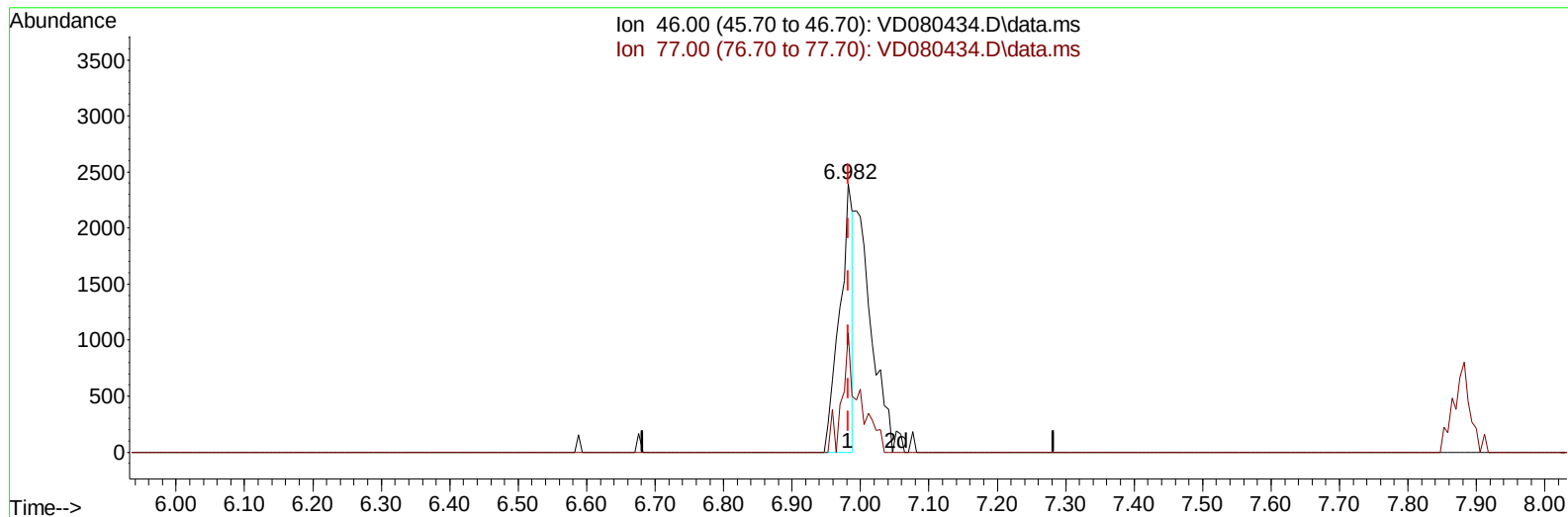
5.306min (-0.006) 5.02 ug/L m

response 16620

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	128.50	122.39
98.00	63.70	53.71
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(21) 2-Butanone-d5 (S)

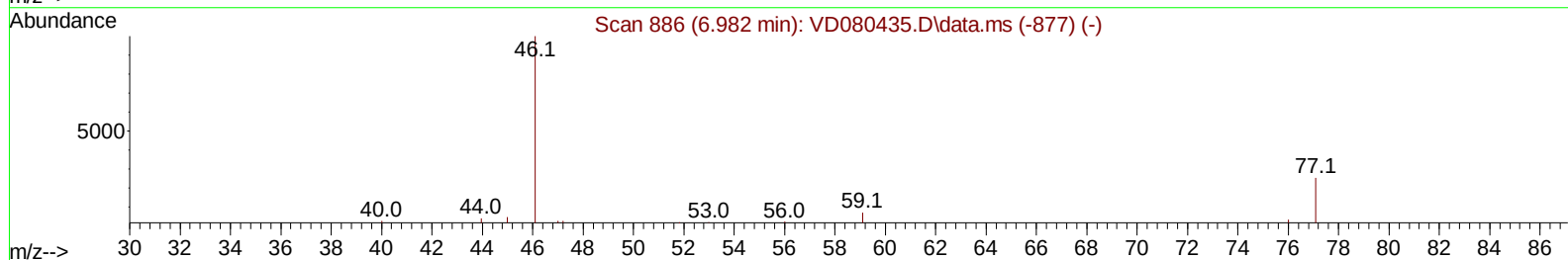
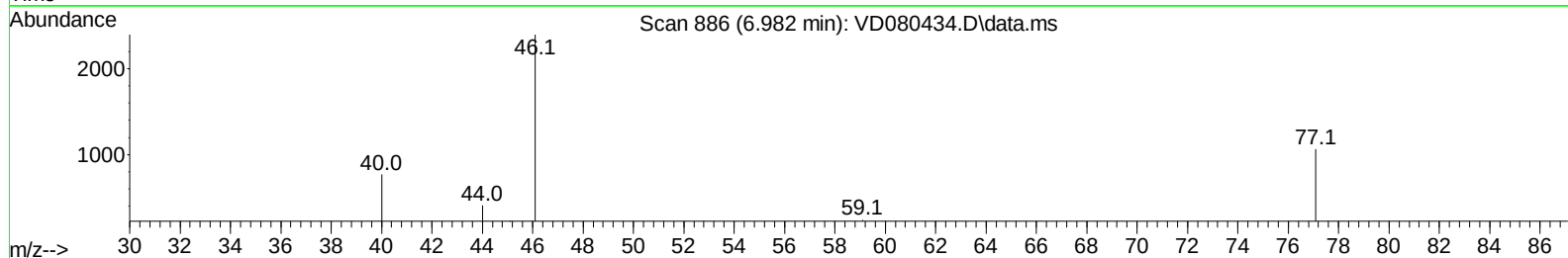
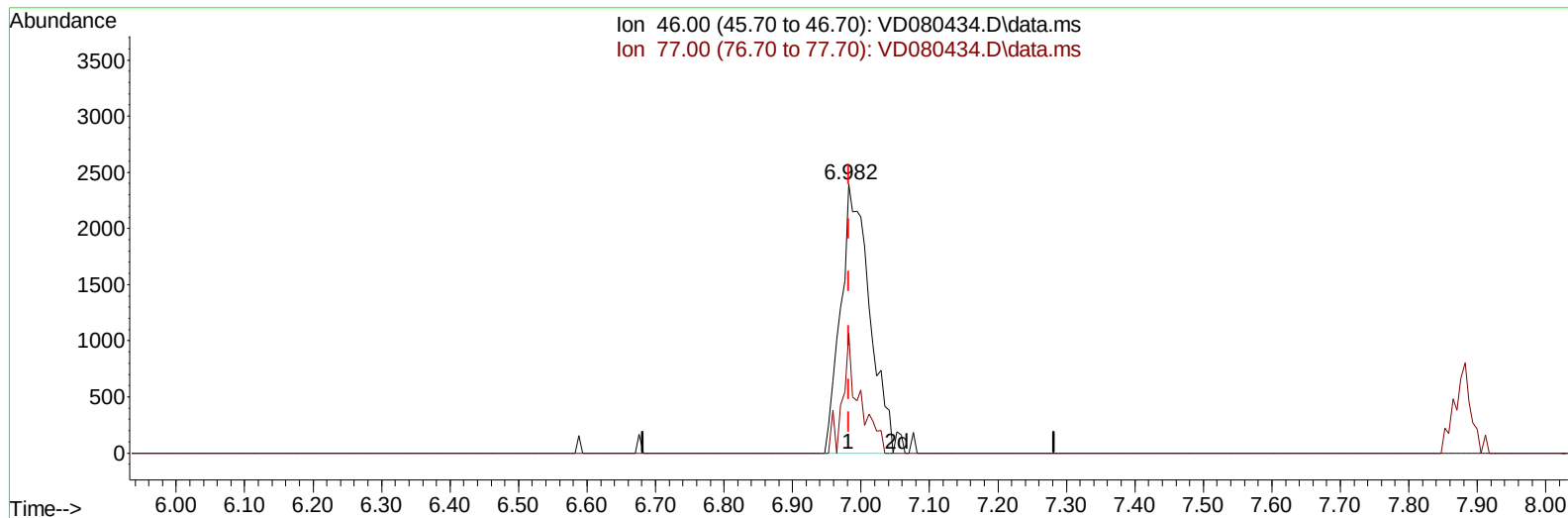
6.982min (-0.000) 5.01 ug/L

response 3269

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	14.20	32.40#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(21) 2-Butanone-d5 (S)

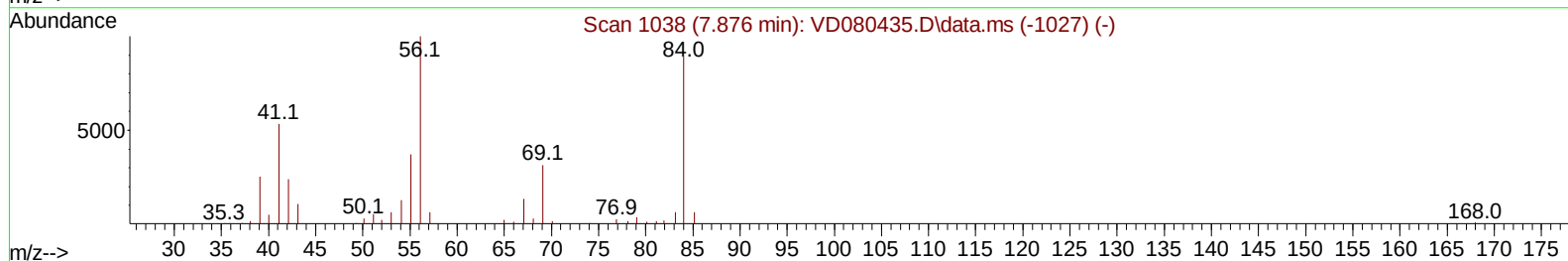
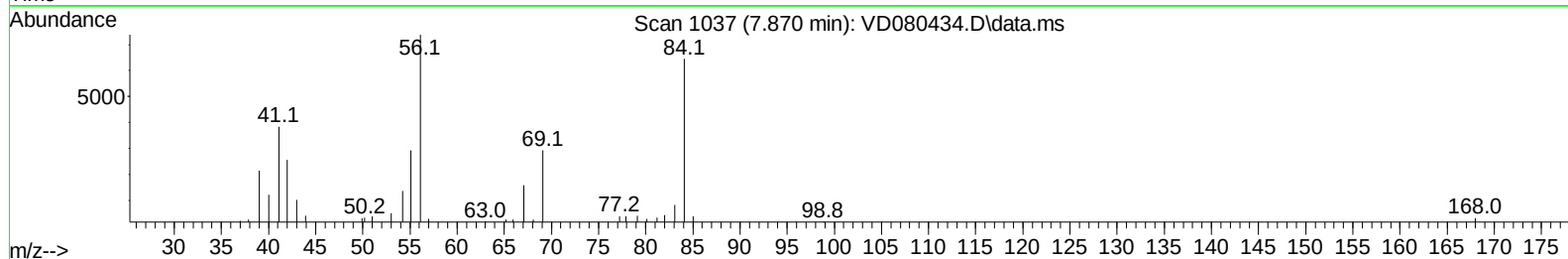
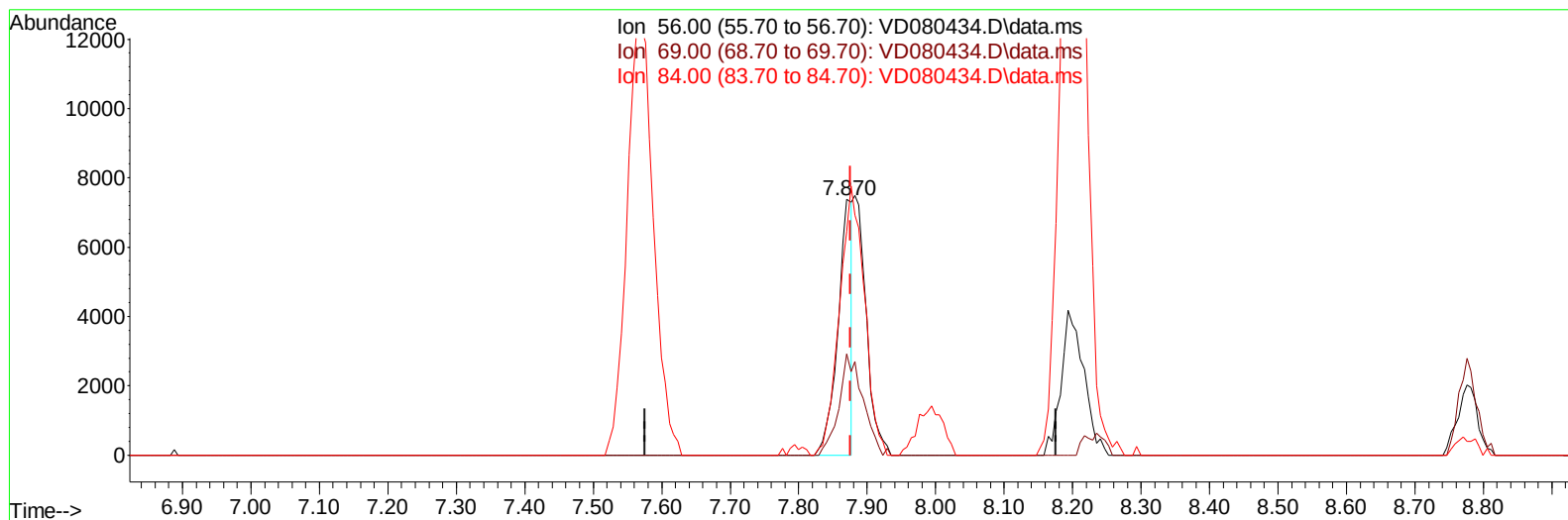
6.982min (-0.000) 10.73 ug/L m

response 7006

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	14.20	15.12
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10mL/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(29) Cyclohexane (T)

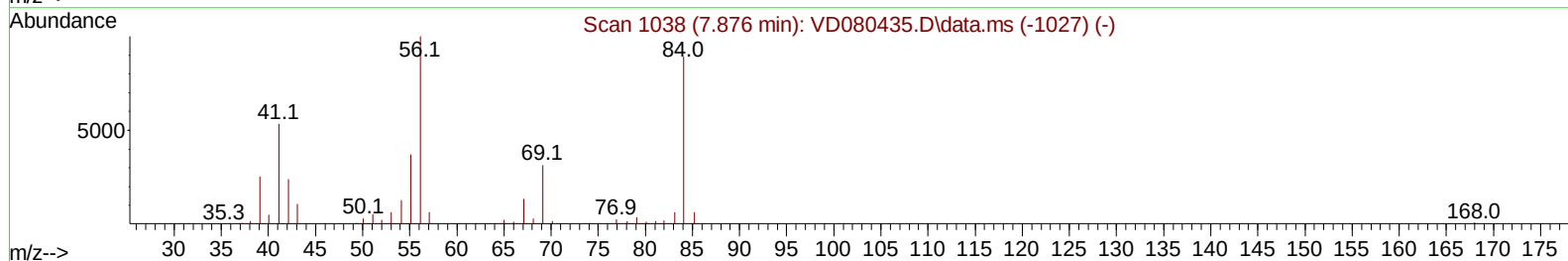
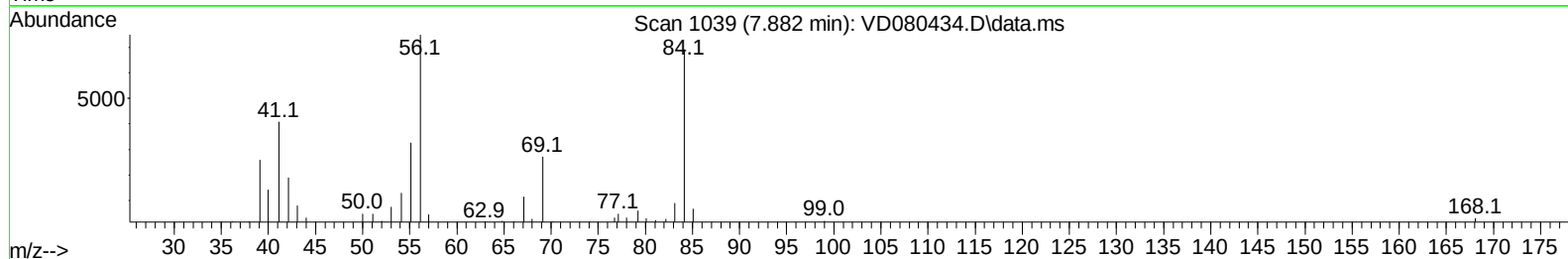
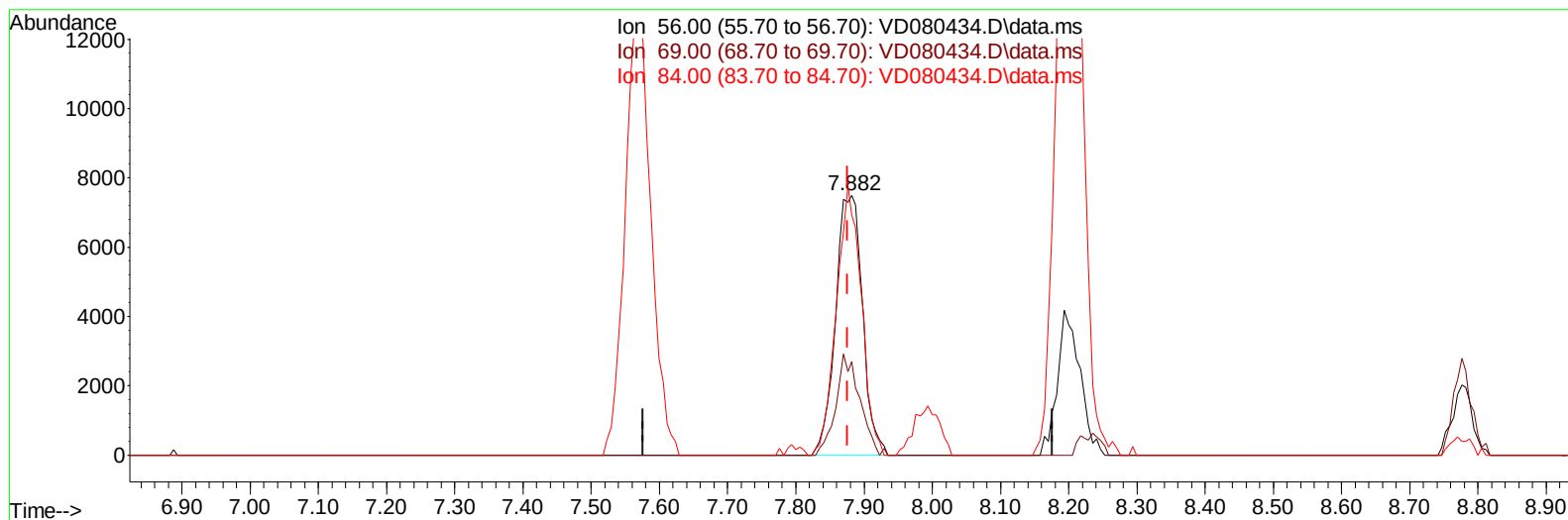
7.870min (-0.006) 2.28 ug/L

response 10622

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	31.70	66.16#
84.00	90.50	185.17#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
Data File : VD080434.D
Acq On : 13 Jun 2025 12:33
Operator : RP/MD
Sample : VSTD00577
Misc : 5.00G/10mL/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 16 09:46:58 2025
Response via : Initial Calibration



TIC: VD080434.D\data.ms

(29) Cyclohexane (T)

7.882min (+ 0.006) 4.41 ug/L m

response 20554

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	31.70	34.19
84.00	90.50	95.69
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080434.D
 Acq On : 13 Jun 2025 12:33
 Operator : RP/MD
 Sample : VSTD00577
 Misc : 5.00G/10mL/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	217497	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.576	117	209532	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	109383	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	21385	5.73	ug/L	0.00
7) Chloroethane-d5	2.806	69	17823	5.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	65	7039	5.48	ug/L	0.00
21) 2-Butanone-d5	6.982	46	7006m	10.73	ug/L	0.00
24) Chloroform-d	7.564	84	33950	5.41	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.235	65	16193	5.21	ug/L	0.00
32) Benzene-d6	8.200	84	60644	5.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	19839	5.28	ug/L	0.00
41) Toluene-d8	10.270	98	54202	4.92	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.523	79	7799	4.94	ug/L	0.00
47) 2-Hexanone-d5	10.870	63	5634	9.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	18420	5.54	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	21394	5.25	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	20311	5.79	ug/L	99
3) Chloromethane	2.153	50	20800	6.00	ug/L	98
5) Vinyl chloride	2.288	62	22354	5.44	ug/L	94
6) Bromomethane	2.694	94	10523	4.83	ug/L	92
8) Chloroethane	2.841	64	16856	6.10	ug/L	90
9) Trichlorofluoromethane	3.176	101	30114	5.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	18049	5.28	ug/L #	89
12) 1,1-Dichloroethene	3.941	96	15191	5.14	ug/L	86
13) Acetone	4.035	43	6066m	10.27	ug/L	
14) Carbon disulfide	4.270	76	53591	5.36	ug/L	97
15) Methyl Acetate	4.564	43	7945m	5.67	ug/L	
16) Methylene chloride	4.806	84	29174	7.16	ug/L	92
17) trans-1,2-Dichloroethene	5.306	96	16620m	5.02	ug/L	
18) Methyl tert-butyl Ether	5.317	73	31398	4.85	ug/L #	89
19) 1,1-Dichloroethane	6.111	63	30075	5.22	ug/L	95
20) cis-1,2-Dichloroethene	7.082	96	17135	4.84	ug/L	97
22) 2-Butanone	7.088	43	7309	9.00	ug/L	78
23) Bromochloromethane	7.429	128	9239	5.11	ug/L	96
25) Chloroform	7.588	83	34296	5.36	ug/L	100
27) 1,2-Dichloroethane	8.323	62	19156	5.22	ug/L	98
29) Cyclohexane	7.882	56	20554m	4.41	ug/L	
30) 1,1,1-Trichloroethane	7.800	97	27572	5.24	ug/L	98
31) Carbon tetrachloride	7.994	117	26108	5.32	ug/L	96
33) Benzene	8.247	78	63339	4.92	ug/L	100
34) Trichloroethene	9.029	95	18320	5.08	ug/L	95
35) Methylcyclohexane	9.276	83	25201	4.74	ug/L	98
37) 1,2-Dichloropropane	9.305	63	18314	5.19	ug/L #	91
38) Bromodichloromethane	9.582	83	24476	5.30	ug/L	99
39) cis-1,3-Dichloropropene	10.017	75	25347	4.82	ug/L	92
40) 4-Methyl-2-pentanone	10.158	43	16825	9.39	ug/L #	91
42) Toluene	10.335	91	69043	4.89	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080434.D
 Acq On : 13 Jun 2025 12:33
 Operator : RP/MD
 Sample : VSTD00577
 Misc : 5.00G/10mL/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	10.552	75	22784	5.02	ug/L	93
45) 1,1,2-Trichloroethane	10.729	97	15504	5.37	ug/L	95
46) Tetrachloroethene	10.805	164	15857	5.04	ug/L	94
48) 2-Hexanone	10.917	43	12324	9.40	ug/L	98
49) Dibromochloromethane	11.070	129	18145	5.29	ug/L	99
50) 1,2-Dibromoethane	11.182	107	14381	5.29	ug/L	86
51) Chlorobenzene	11.605	112	50708	5.25	ug/L	99
52) Ethylbenzene	11.682	91	71348	4.69	ug/L	96
53) m,p-Xylene	11.788	106	27155	4.62	ug/L	96
54) o-Xylene	12.117	106	26039	4.62	ug/L	97
55) Styrene	12.135	104	45739	4.55	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.670	83	17512	5.25	ug/L	95
59) Bromoform	12.293	173	12420	5.45	ug/L	98
60) Isopropylbenzene	12.417	105	67780	4.66	ug/L	99
61) 1,2,3-Trichloropropane	12.723	75	11930	5.29	ug/L	94
62) 1,3,5-Trimethylbenzene	12.899	105	50830	4.46	ug/L	98
63) 1,2,4-Trimethylbenzene	13.205	105	50645	4.48	ug/L	99
64) 1,3-Dichlorobenzene	13.452	146	38386	5.08	ug/L	96
65) 1,4-Dichlorobenzene	13.535	146	39989	5.09	ug/L	96
67) 1,2-Dichlorobenzene	13.829	146	35708	5.09	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.440	75	2748	5.37	ug/L	90
69) 1,3,5-Trichlorobenzene	14.587	180	25137	4.82	ug/L	99
70) 1,2,4-trichlorobenzene	15.099	180	20896	4.77	ug/L	97
71) Naphthalene	15.329	128	35533	4.55	ug/L	98
72) 1,2,3-Trichlorobenzene	15.517	180	19197	4.74	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061325\
 Data File : VD080434.D
 Acq On : 13 Jun 2025 12:33
 Operator : RP/MD
 Sample : VSTD00577
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 16 09:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061325SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jun 16 09:46:58 2025
 Response via : Initial Calibration

