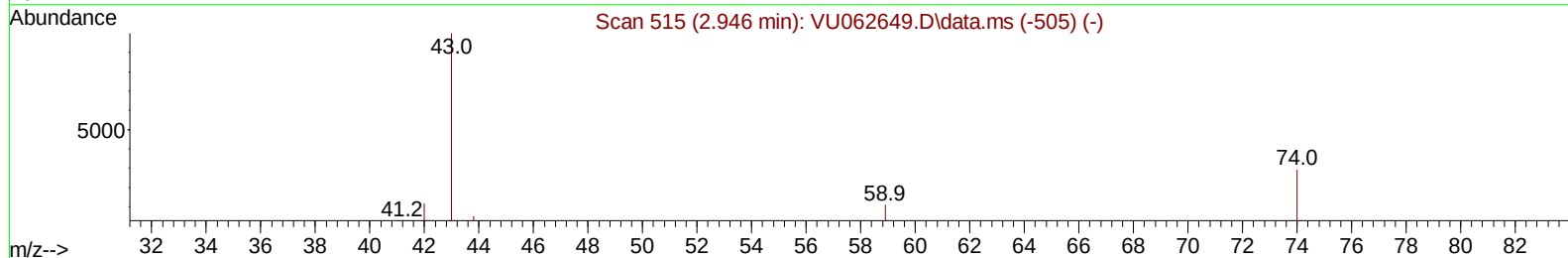
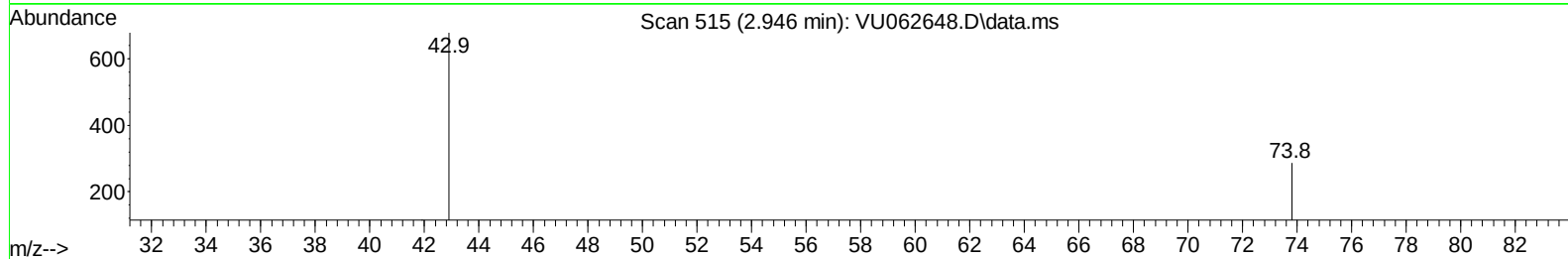
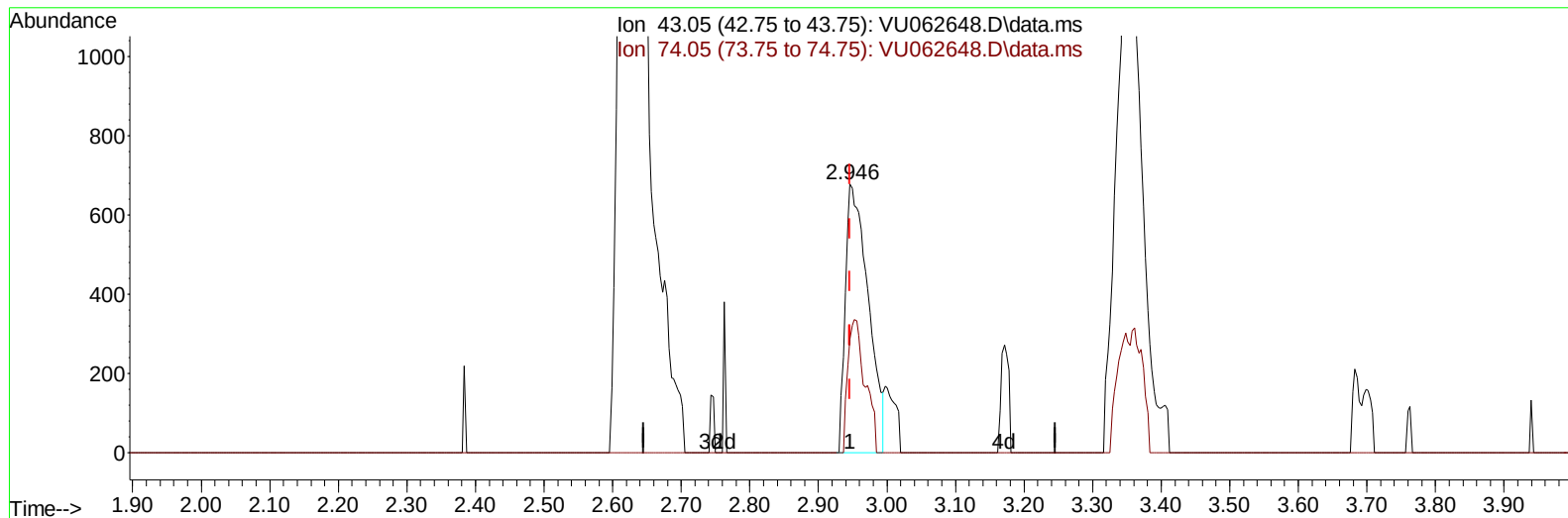


Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(15) Methyl Acetate (T)

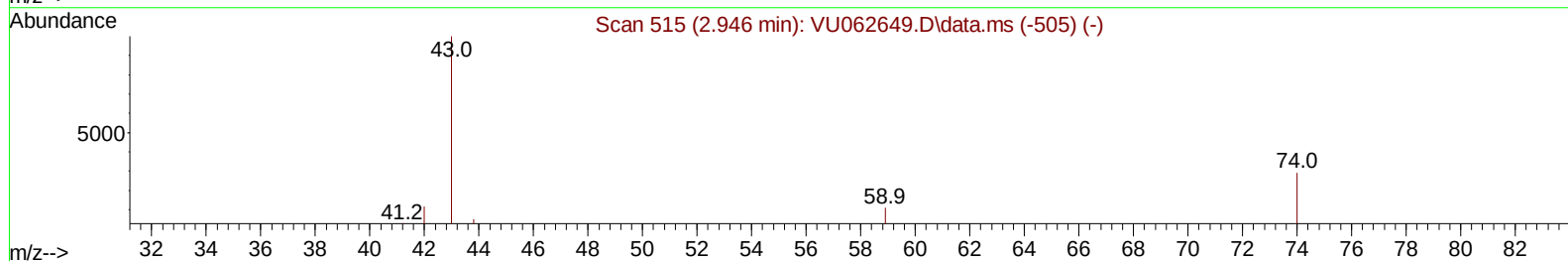
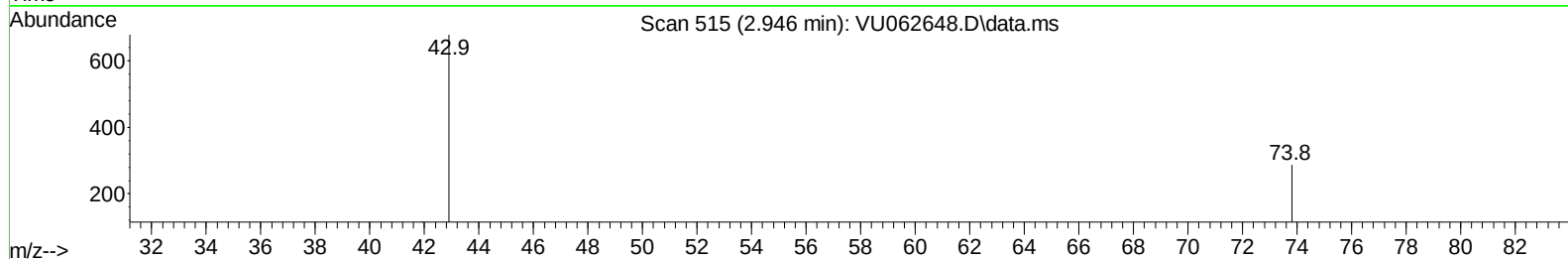
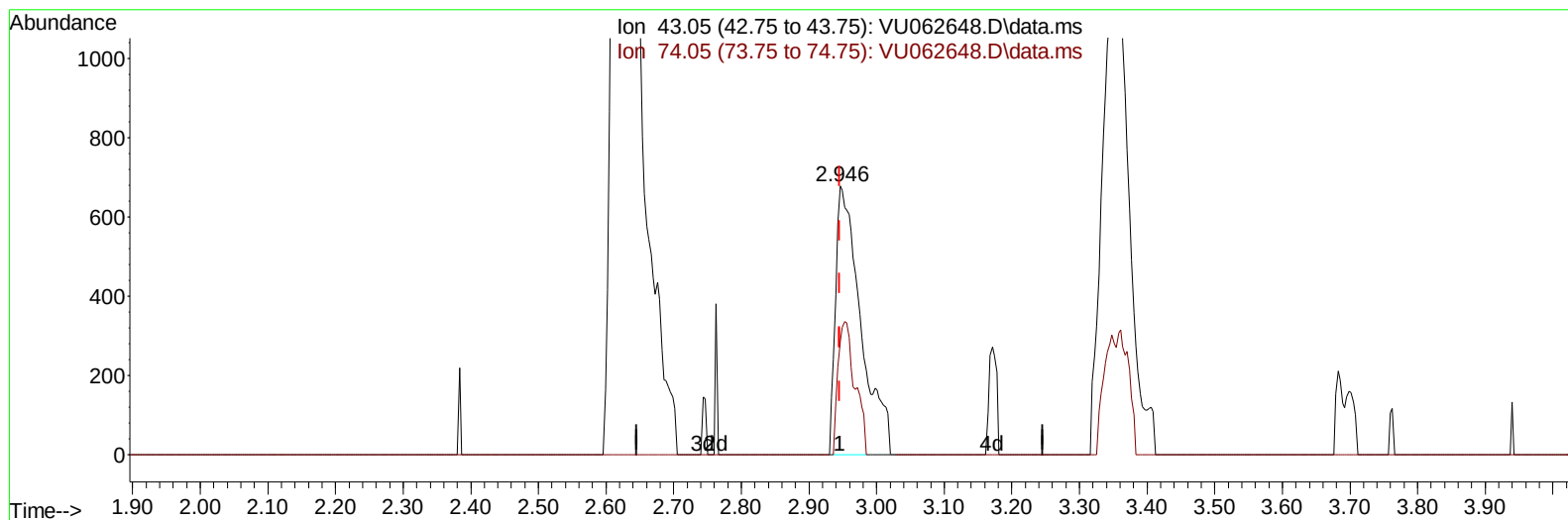
2.946min (+ 0.000) 0.73 ug/L

response 1562

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	30.50	37.52#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(15) Methyl Acetate (T)

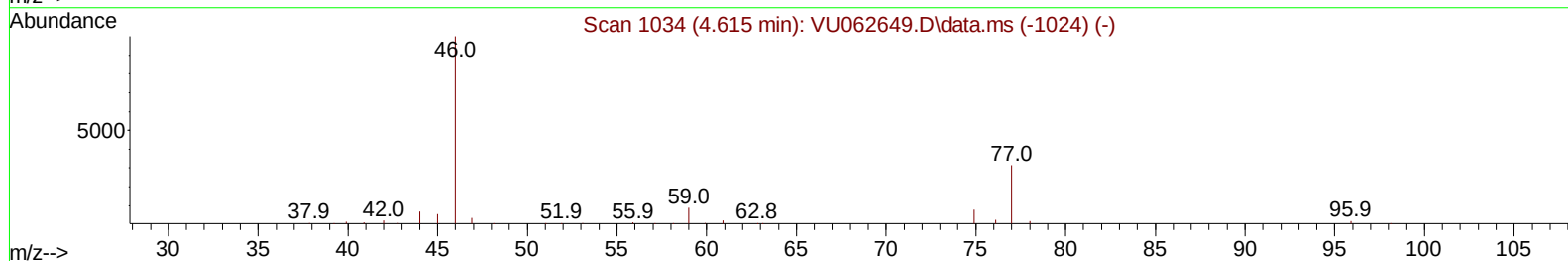
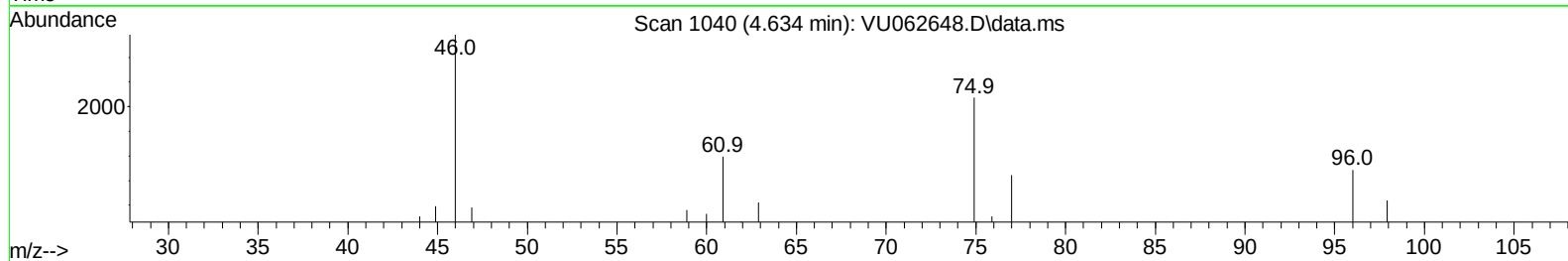
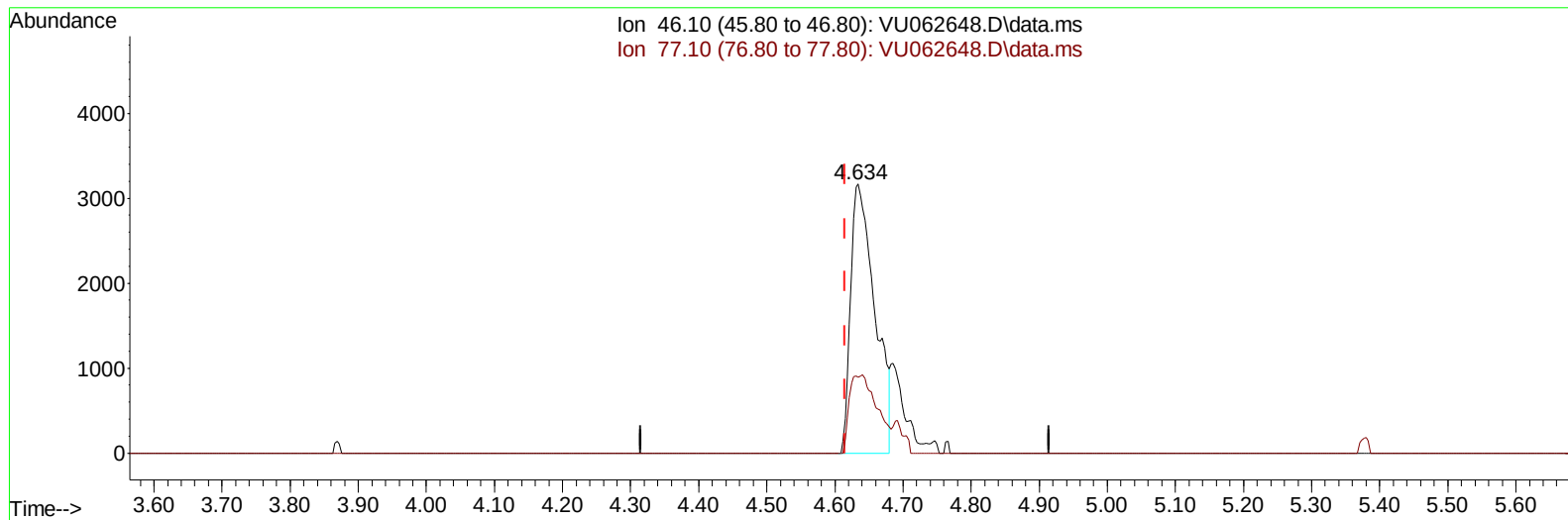
2.946min (+ 0.000) 0.81 ug/L m

response 1746

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	30.50	33.56
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(20) 2-Butanone-d5 (S)

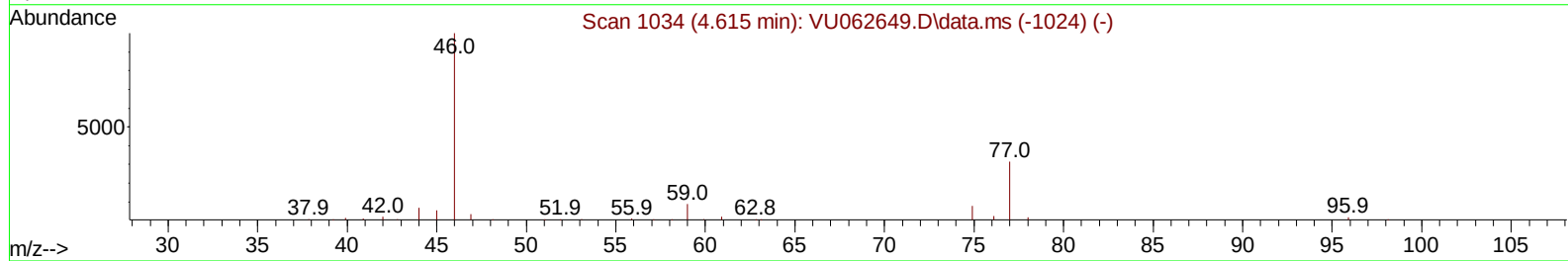
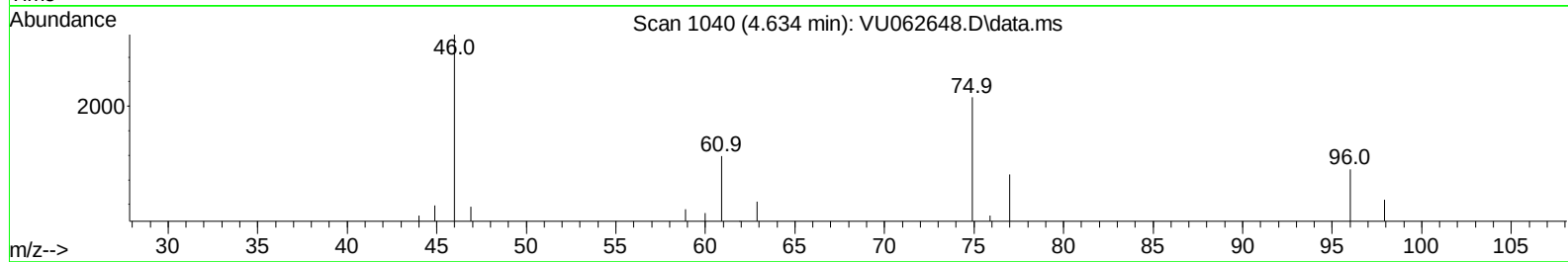
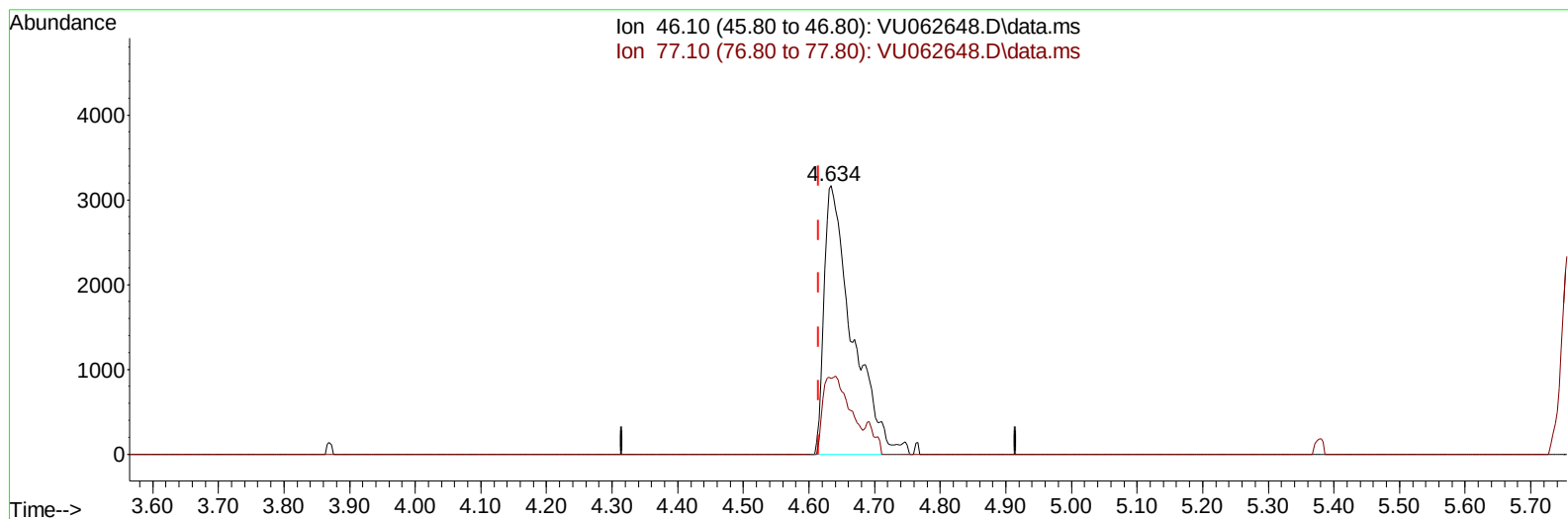
4.634min (+ 0.020) 6.17 ug/L

response 7797

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	30.90	11.76#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(20) 2-Butanone-d5 (S)

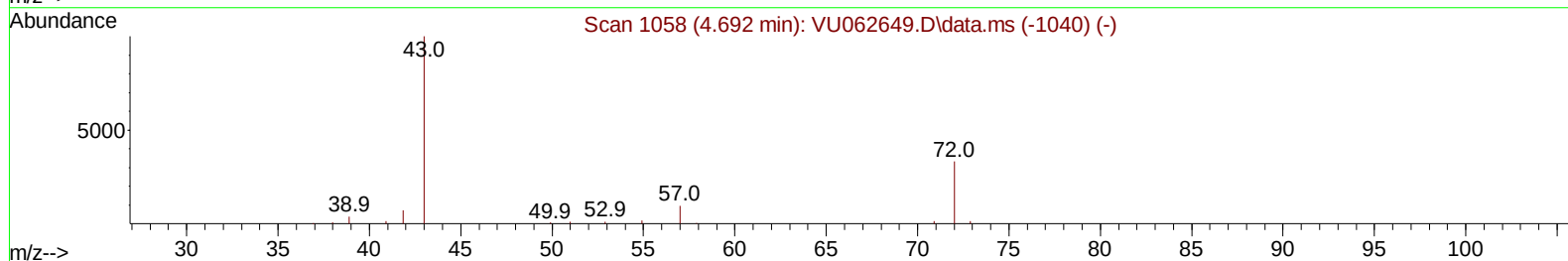
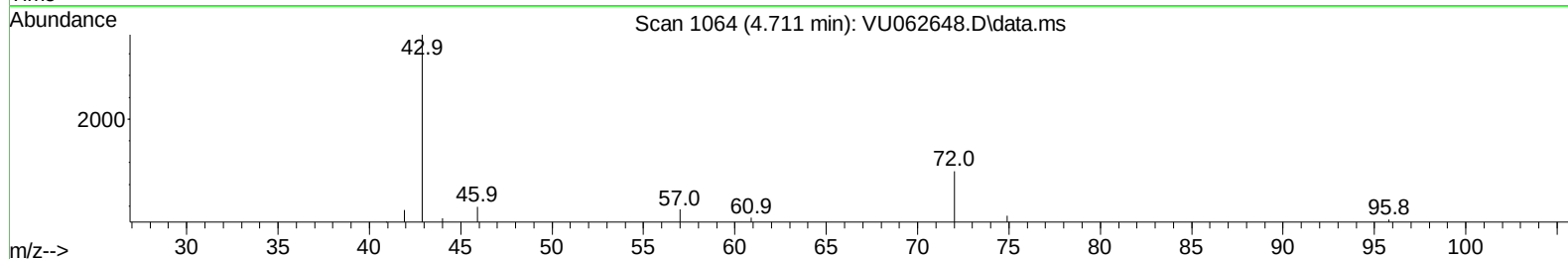
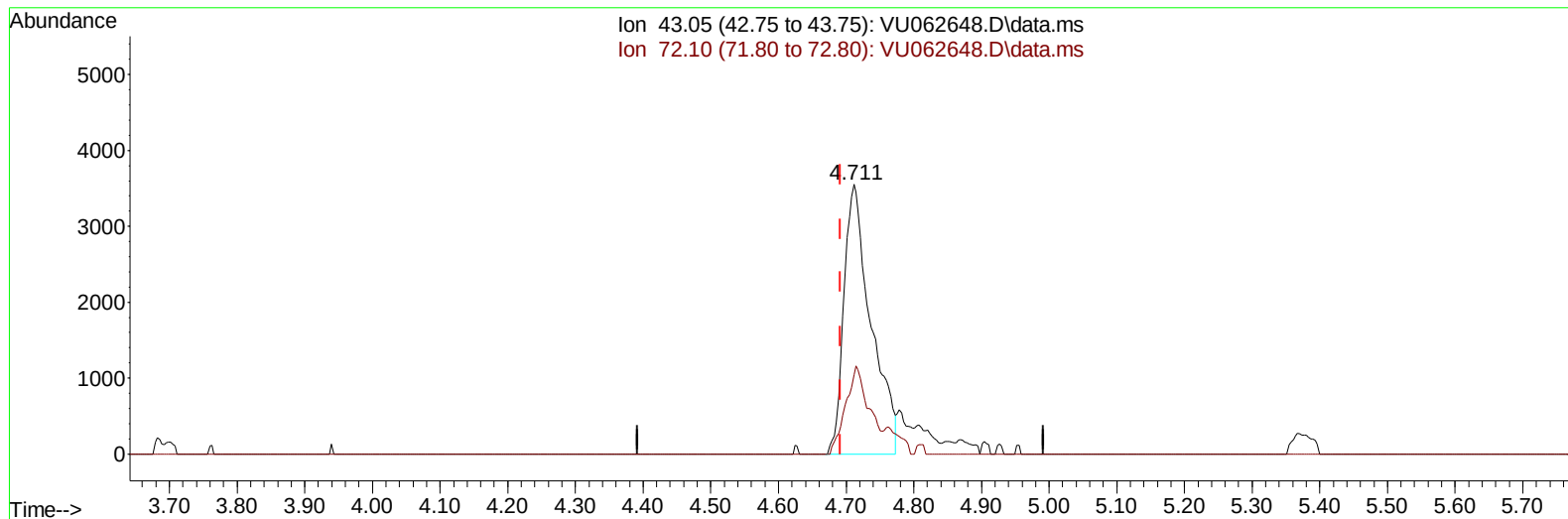
4.634min (+ 0.020) 7.48 ug/L m

response 9447

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	30.90	9.71#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(21) 2-Butanone (T)

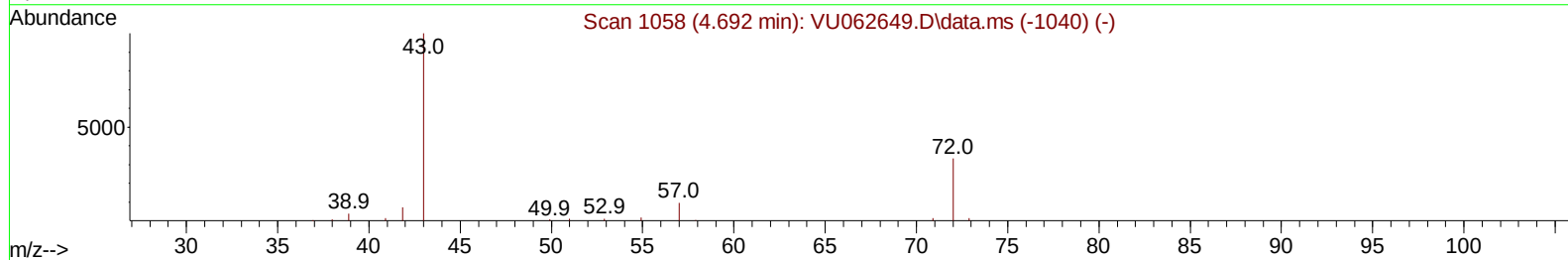
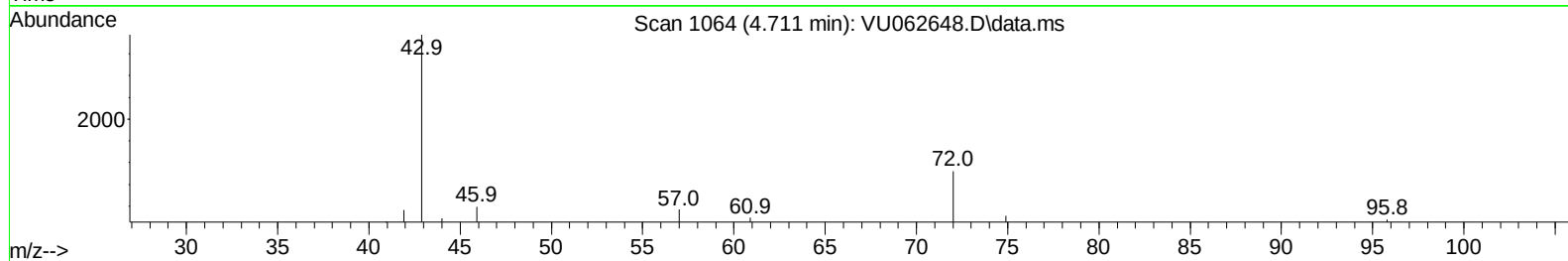
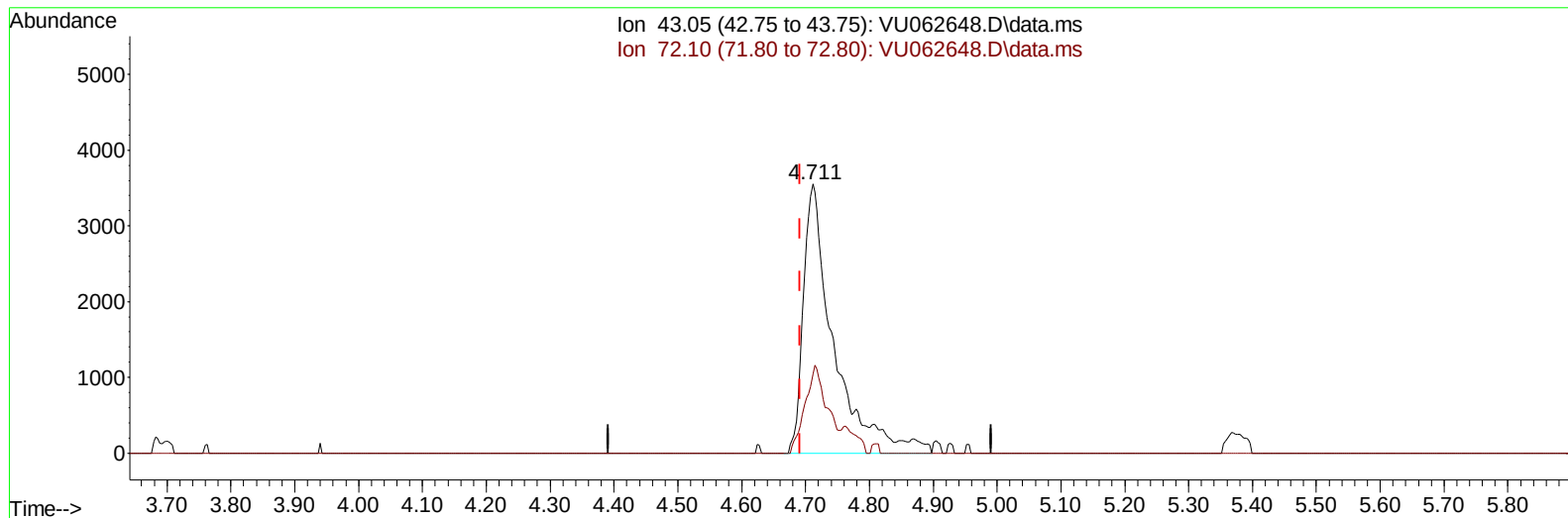
4.711min (+ 0.020) 8.01 ug/L

response 9845

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	34.10	28.13
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(21) 2-Butanone (T)

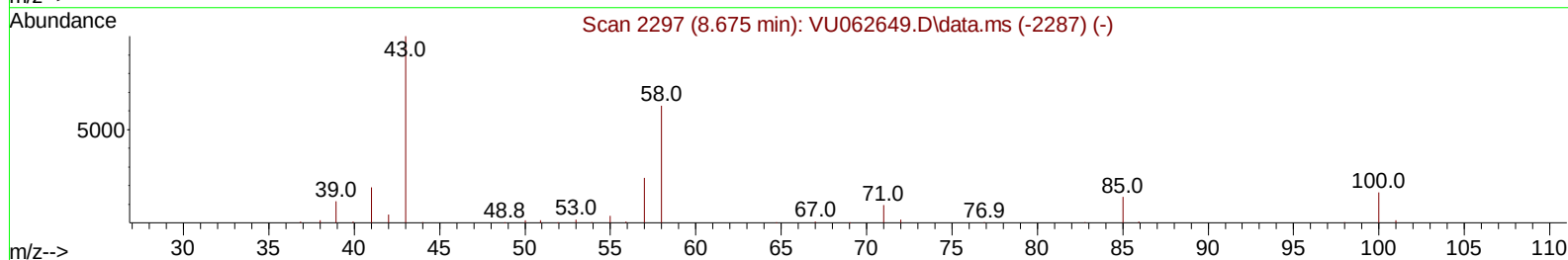
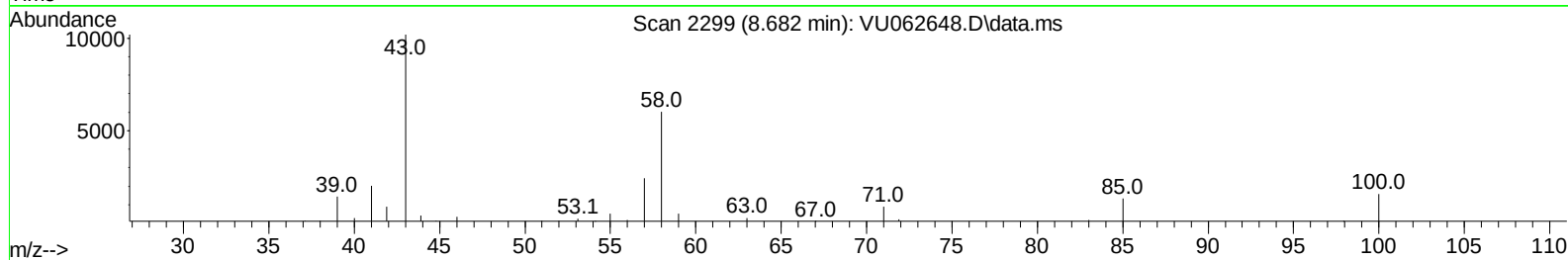
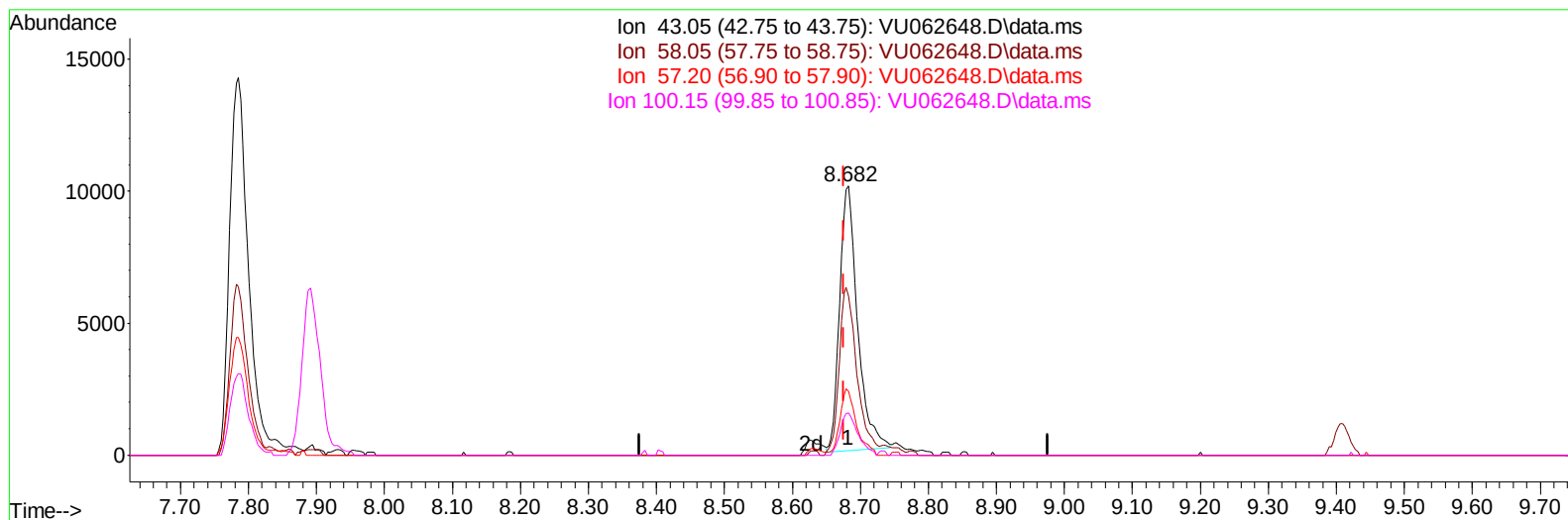
4.711min (+ 0.020) 9.51 ug/L m

response 11692

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	34.10	23.68
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225wMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(48) 2-Hexanone (T)

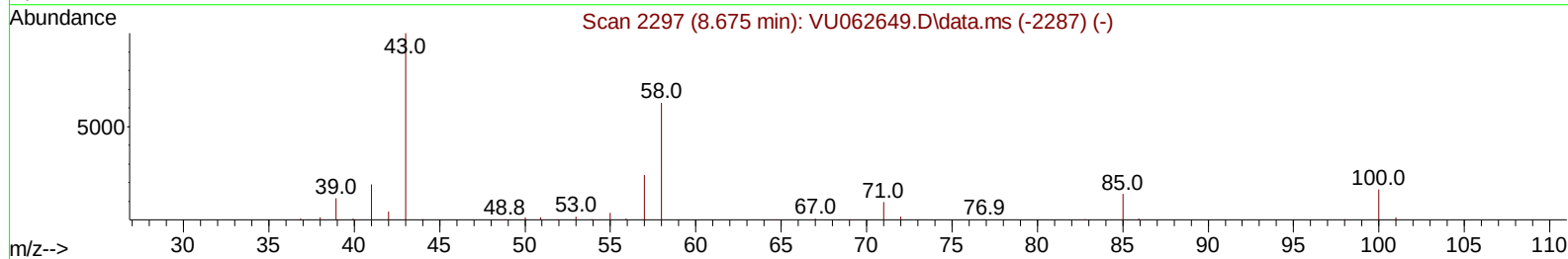
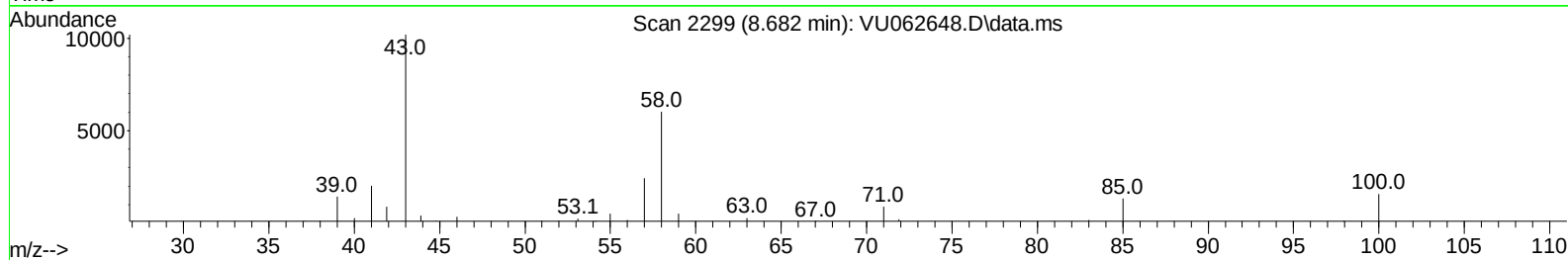
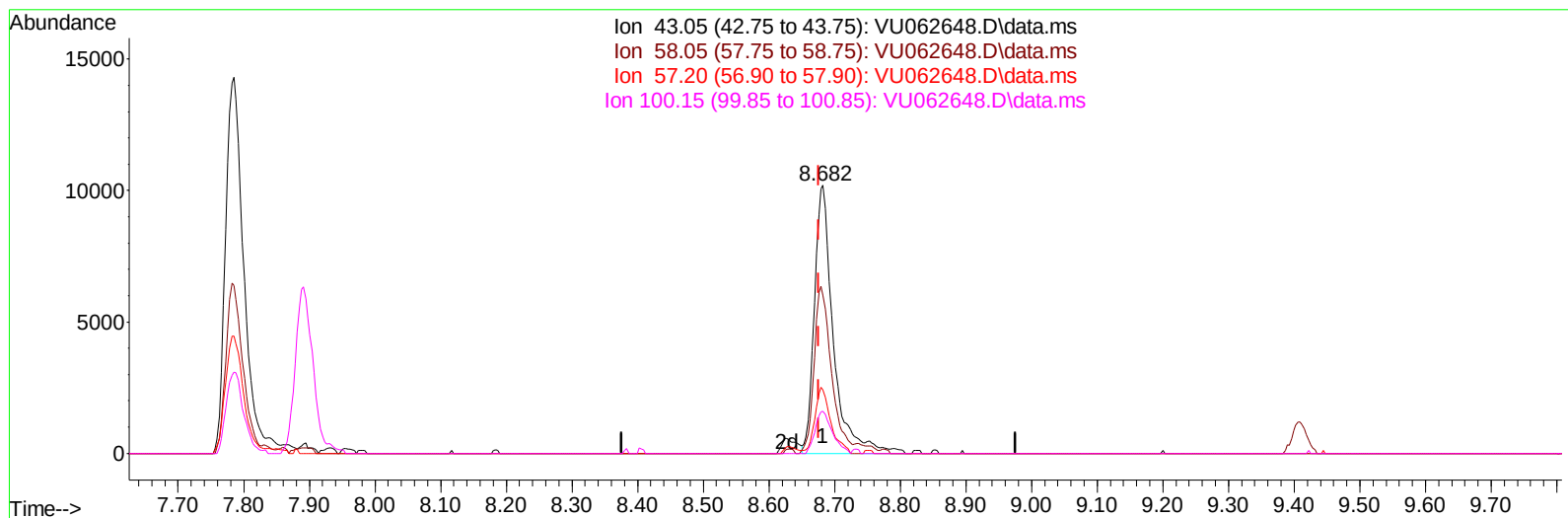
8.682min (+ 0.007) 7.93 ug/L

response 18371

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	62.80	63.01
57.20	24.90	22.90
100.15	15.70	15.71

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(48) 2-Hexanone (T)

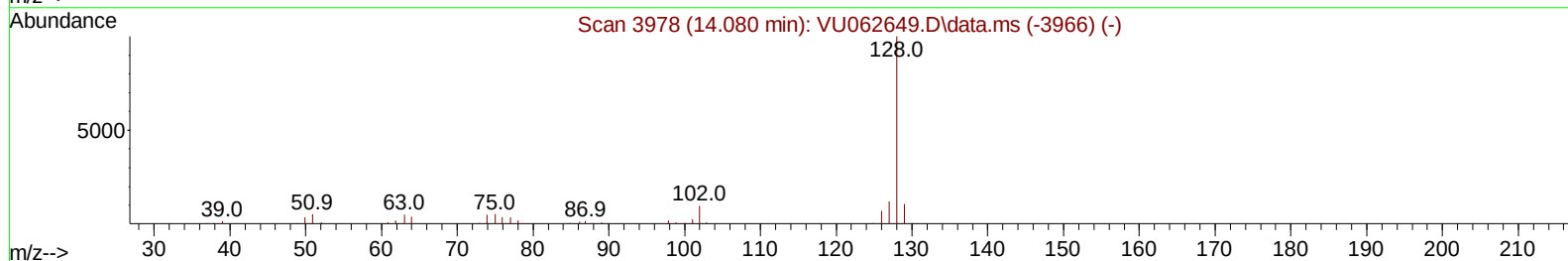
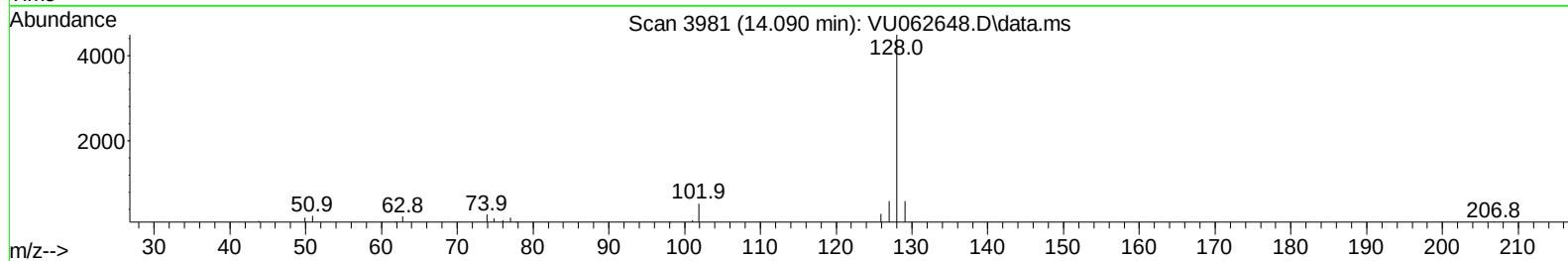
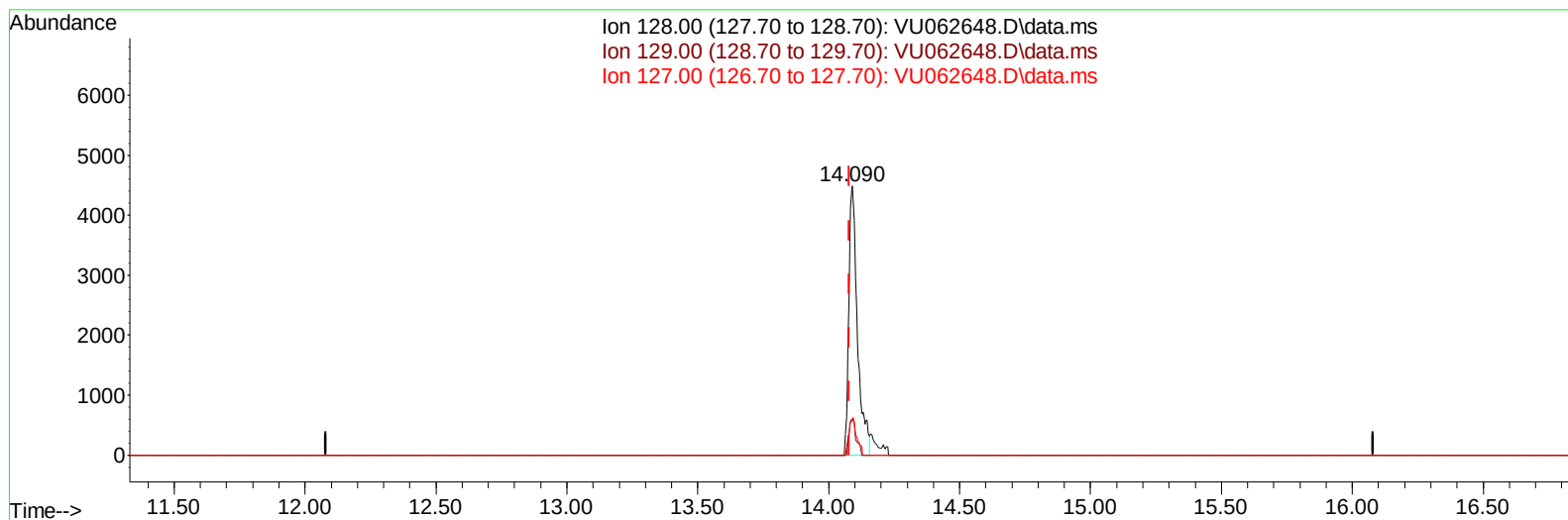
8.682min (+ 0.007) 8.82 ug/L m

response 20414

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	62.80	56.70
57.20	24.90	20.61
100.15	15.70	14.14

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



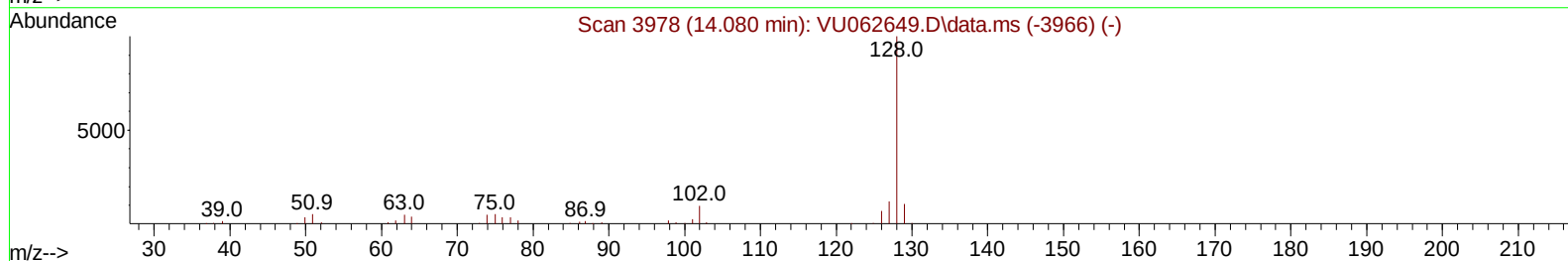
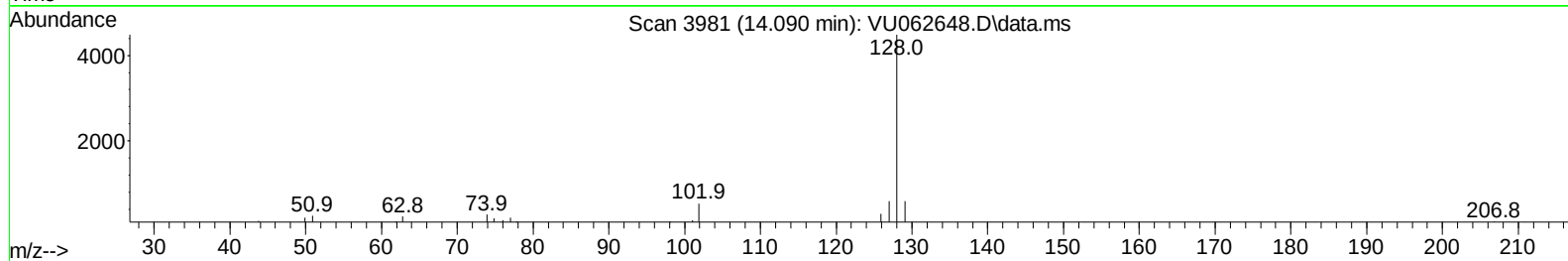
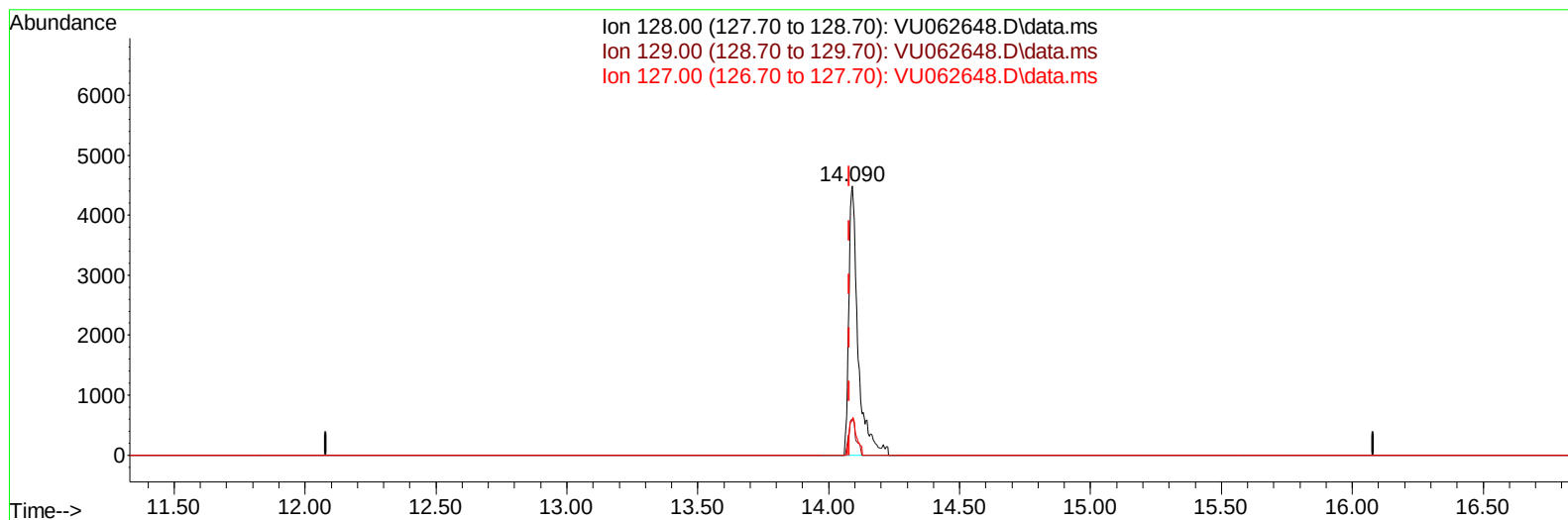
TIC: VU062648.D\data.ms

(71) Naphthalene (MA)**14.090min (+ 0.010) 0.74 ug/L****response 10224**

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.60	11.51
127.00	12.70	11.89
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
Data File : VU062648.D
Acq On : 02 Jan 2025 10:31
Operator : MD/SY
Sample : VSTD00163
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 03 00:22:44 2025
Response via : Initial Calibration



TIC: VU062648.D\data.ms

(71) Naphthalene (MA)**14.090min (+ 0.010) 0.79 ug/L m****response 11008**

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.60	10.69
127.00	12.70	11.05
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062648.D
 Acq On : 02 Jan 2025 10:31
 Operator : MD/SY
 Sample : VSTD00163
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	99421	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	4725	0.727	ug/L	0.00
7) Chloroethane-d5	1.901	69	3878	0.815	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2582	0.824	ug/L	0.00
20) 2-Butanone-d5	4.634	46	9447m	7.478	ug/L	0.02
24) Chloroform-d	5.049	84	11390	0.785	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	6319	0.873	ug/L	0.00
32) Benzene-d6	5.718	84	20201	0.778	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	5198	0.703	ug/L	0.00
41) Toluene-d8	7.891	98	19540	0.795	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	2506	0.754	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	8054	7.959	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	4508	0.776	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6680	0.771	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	9232	0.983	ug/L	100
3) Chloromethane	1.512	50	6281	0.884	ug/L	97
5) Vinyl chloride	1.596	62	7462	0.996	ug/L	98
6) Bromomethane	1.846	94	4887	0.950	ug/L	75
8) Chloroethane	1.920	64	4005	0.940	ug/L	91
9) Trichlorofluoromethane	2.129	101	14032	1.045	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	6870	0.953	ug/L	98
12) 1,1-Dichloroethene	2.570	96	5979	0.900	ug/L	95
13) Acetone	2.625	43	8436	9.850	ug/L	100
14) Carbon disulfide	2.782	76	19030	0.911	ug/L	99
15) Methyl Acetate	2.946	43	1746m	0.811	ug/L	
16) Methylene chloride	3.030	84	6268	0.903	ug/L	96
17) Methyl tert-butyl Ether	3.351	73	16414	0.988	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	6003	0.875	ug/L	99
19) 1,1-Dichloroethane	3.853	63	11173	0.892	ug/L	97
21) 2-Butanone	4.711	43	11692m	9.515	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	6734	0.879	ug/L	97
23) Bromochloromethane	4.965	128	3396	1.005	ug/L #	74
25) Chloroform	5.078	83	14469	1.021	ug/L	93
27) 1,2-Dichloroethane	5.785	62	9431	1.036	ug/L #	92
29) 1,1,1-Trichloroethane	5.303	97	13721	1.055	ug/L	99
30) Cyclohexane	5.377	56	8807	0.857	ug/L	94
31) Carbon tetrachloride	5.512	117	12878	1.077	ug/L	94
33) Benzene	5.763	78	25525	0.909	ug/L	100
34) Trichloroethene	6.534	95	9371	1.150	ug/L	95
35) Methylcyclohexane	6.753	83	10132	0.856	ug/L	97
37) 1,2-Dichloropropane	6.785	63	5733	0.849	ug/L #	92
38) Bromodichloromethane	7.097	83	9805	1.001	ug/L #	95
39) cis-1,3-Dichloropropene	7.602	75	9986	0.905	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	27792	8.793	ug/L	97
42) Toluene	7.962	91	27298	0.898	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010225\
 Data File : VU062648.D
 Acq On : 02 Jan 2025 10:31
 Operator : MD/SY
 Sample : VSTD00163
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 03 00:24:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 03 00:22:44 2025
 Response via : Initial Calibration

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

44) trans-1,3-Dichloropropene	8.203	75	8278	0.914	ug/L	89
45) 1,1,2-Trichloroethane	8.390	97	5163	1.003	ug/L	97
47) Tetrachloroethene	8.544	164	5941	0.956	ug/L	94
48) 2-Hexanone	8.682	43	20414m	8.817	ug/L	
49) Dibromochloromethane	8.801	129	6425	1.009	ug/L	99
50) 1,2-Dibromoethane	8.917	107	4723	0.948	ug/L #	93
51) Chlorobenzene	9.441	112	18694	0.958	ug/L	97
52) Ethylbenzene	9.563	91	30829	0.906	ug/L	97
53) m,p-Xylene	9.685	106	11212	0.892	ug/L	100
54) o-Xylene	10.094	106	10684	0.874	ug/L	98
55) Styrene	10.110	104	17029	0.841	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.775	83	5256	0.881	ug/L #	86
59) Bromoform	10.280	173	4260	1.133	ug/L #	92
60) Isopropylbenzene	10.476	105	30350	0.897	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	4088	0.949	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	25535	0.890	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	23227	0.827	ug/L	96
64) 1,3-Dichlorobenzene	11.737	146	14345	0.918	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	15006	0.958	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	13597	0.944	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	897	0.927	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	10571	0.906	ug/L	97
70) 1,2,4-trichlorobenzene	13.840	180	7818	0.845	ug/L	98
71) Naphthalene	14.090	128	11008m	0.794	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	7387	0.906	ug/L	90

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

The chromatogram displays a series of peaks representing different chemical compounds. The y-axis, labeled 'Abundance', ranges from 0 to 200,000. The x-axis, labeled 'Time-->', ranges from 2.00 to 17.00 minutes. The following table lists the compounds identified in the chromatogram, along with their approximate retention times and relative abundances.

Compound	Approx. Retention Time (min)	Approx. Abundance
Dichlorodifluoromethane, T	2.1	18,000
Chloroethane, T	2.2	12,000
Chlorobenzene, T	2.3	10,000
Trichlorofluoromethane, T	2.4	15,000
Acetone, T	2.5	12,000
1,1-Dichloroethane, T	2.6	10,000
Carbon disulfide, T	2.7	8,000
Methyl Acetate, T	2.8	6,000
1,1-Dichloroethane, T	2.9	10,000
1,1-Dichloroethane, T	3.0	10,000
1,1-Dichloroethane, T	3.1	10,000
1,1-Dichloroethane, T	3.2	10,000
1,1-Dichloroethane, T	3.3	10,000
1,1-Dichloroethane, T	3.4	10,000
1,1-Dichloroethane, T	3.5	10,000
1,1-Dichloroethane, T	3.6	10,000
1,1-Dichloroethane, T	3.7	10,000
1,1-Dichloroethane, T	3.8	10,000
1,1-Dichloroethane, T	3.9	10,000
1,1-Dichloroethane, T	4.0	10,000
1,1-Dichloroethane, T	4.1	10,000
1,1-Dichloroethane, T	4.2	10,000
1,1-Dichloroethane, T	4.3	10,000
1,1-Dichloroethane, T	4.4	10,000
1,1-Dichloroethane, T	4.5	10,000
1,1-Dichloroethane, T	4.6	10,000
1,1-Dichloroethane, T	4.7	10,000
1,1-Dichloroethane, T	4.8	10,000
1,1-Dichloroethane, T	4.9	10,000
1,1-Dichloroethane, T	5.0	10,000
1,1-Dichloroethane, T	5.1	10,000
1,1-Dichloroethane, T	5.2	10,000
1,1-Dichloroethane, T	5.3	10,000
1,1-Dichloroethane, T	5.4	10,000
1,1-Dichloroethane, T	5.5	10,000
1,1-Dichloroethane, T	5.6	10,000
1,1-Dichloroethane, T	5.7	10,000
1,1-Dichloroethane, T	5.8	10,000
1,1-Dichloroethane, T	5.9	10,000
1,1-Dichloroethane, T	6.0	10,000
1,1-Dichloroethane, T	6.1	10,000
1,1-Dichloroethane, T	6.2	10,000
1,1-Dichloroethane, T	6.3	10,000
1,1-Dichloroethane, T	6.4	10,000
1,1-Dichloroethane, T	6.5	10,000
1,1-Dichloroethane, T	6.6	10,000
1,1-Dichloroethane, T	6.7	10,000
1,1-Dichloroethane, T	6.8	10,000
1,1-Dichloroethane, T	6.9	10,000
1,1-Dichloroethane, T	7.0	10,000
1,1-Dichloroethane, T	7.1	10,000
1,1-Dichloroethane, T	7.2	10,000
1,1-Dichloroethane, T	7.3	10,000
1,1-Dichloroethane, T	7.4	10,000
1,1-Dichloroethane, T	7.5	10,000
1,1-Dichloroethane, T	7.6	10,000
1,1-Dichloroethane, T	7.7	10,000
1,1-Dichloroethane, T	7.8	10,000
1,1-Dichloroethane, T	7.9	10,000
1,1-Dichloroethane, T	8.0	10,000
1,1-Dichloroethane, T	8.1	10,000
1,1-Dichloroethane, T	8.2	10,000
1,1-Dichloroethane, T	8.3	10,000
1,1-Dichloroethane, T	8.4	10,000
1,1-Dichloroethane, T	8.5	10,000
1,1-Dichloroethane, T	8.6	10,000
1,1-Dichloroethane, T	8.7	10,000
1,1-Dichloroethane, T	8.8	10,000
1,1-Dichloroethane, T	8.9	10,000
1,1-Dichloroethane, T	9.0	10,000
1,1-Dichloroethane, T	9.1	10,000
1,1-Dichloroethane, T	9.2	10,000
1,1-Dichloroethane, T	9.3	10,000
1,1-Dichloroethane, T	9.4	10,000
1,1-Dichloroethane, T	9.5	10,000
1,1-Dichloroethane, T	9.6	10,000
1,1-Dichloroethane, T	9.7	10,000
1,1-Dichloroethane, T	9.8	10,000
1,1-Dichloroethane, T	9.9	10,000
1,1-Dichloroethane, T	10.0	10,000
1,1-Dichloroethane, T	10.1	10,000
1,1-Dichloroethane, T	10.2	10,000
1,1-Dichloroethane, T	10.3	10,000
1,1-Dichloroethane, T	10.4	10,000
1,1-Dichloroethane, T	10.5	10,000
1,1-Dichloroethane, T	10.6	10,000
1,1-Dichloroethane, T	10.7	10,000
1,1-Dichloroethane, T	10.8	