

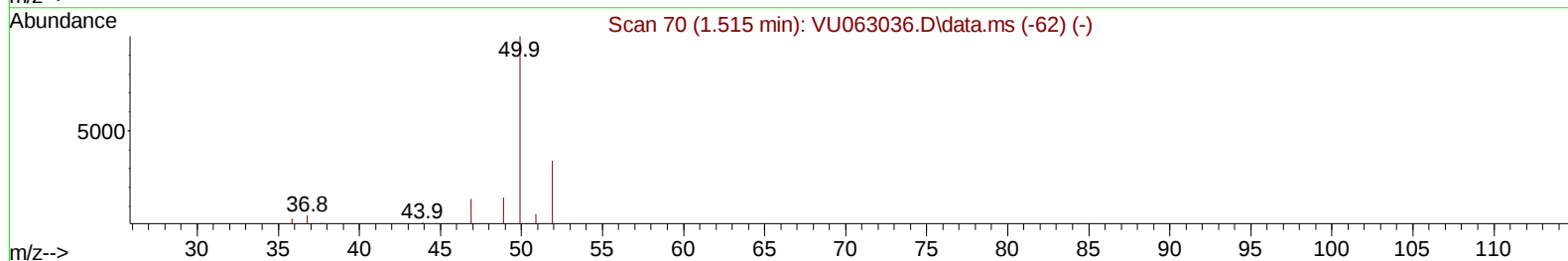
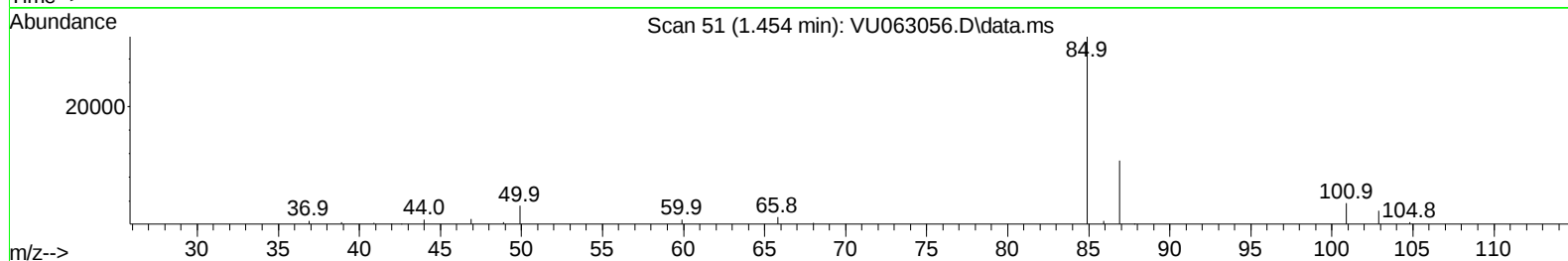
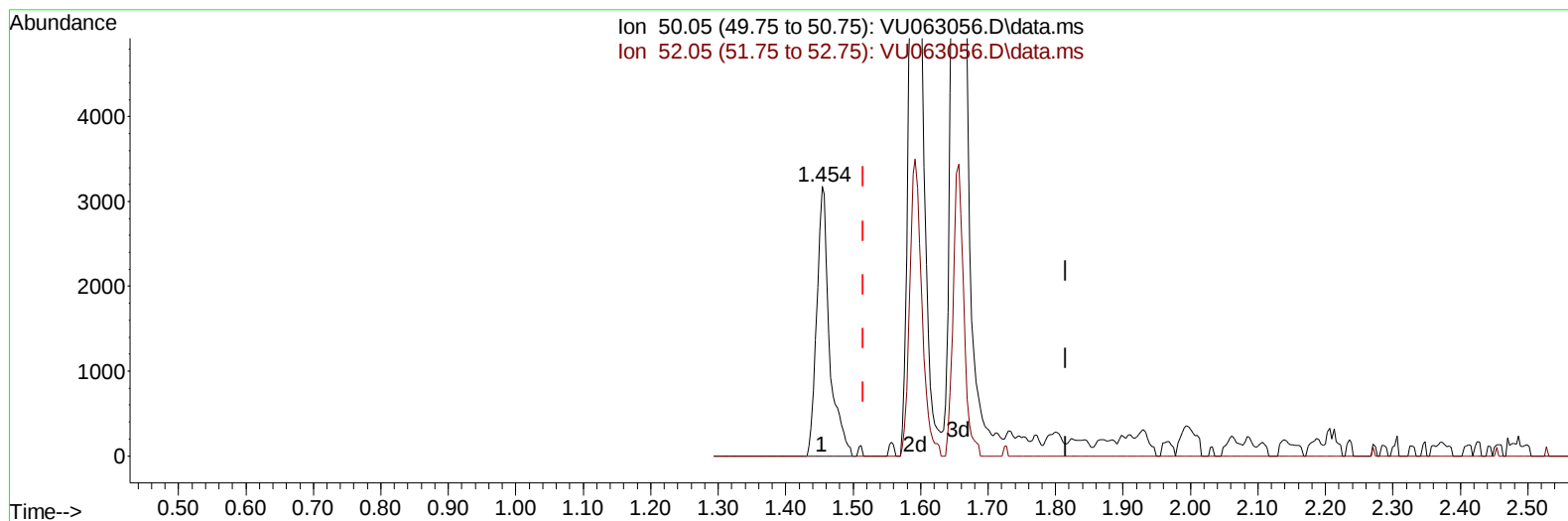
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 29 08:23:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725wMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



TIC: VU063056.D\data.ms

(3) Chloromethane (T)

1.454min (-0.061) 0.75 ug/L

response 4156

Ion	Exp%	Act%
50.05	100.00	100.00
52.05	34.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

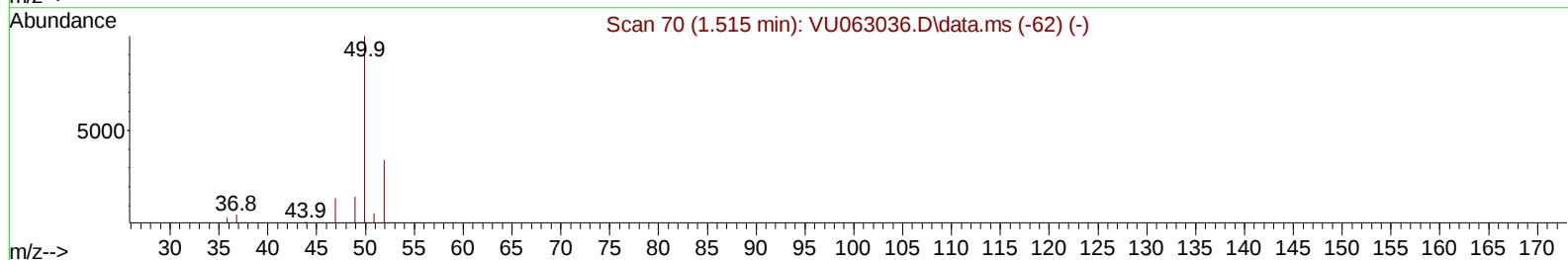
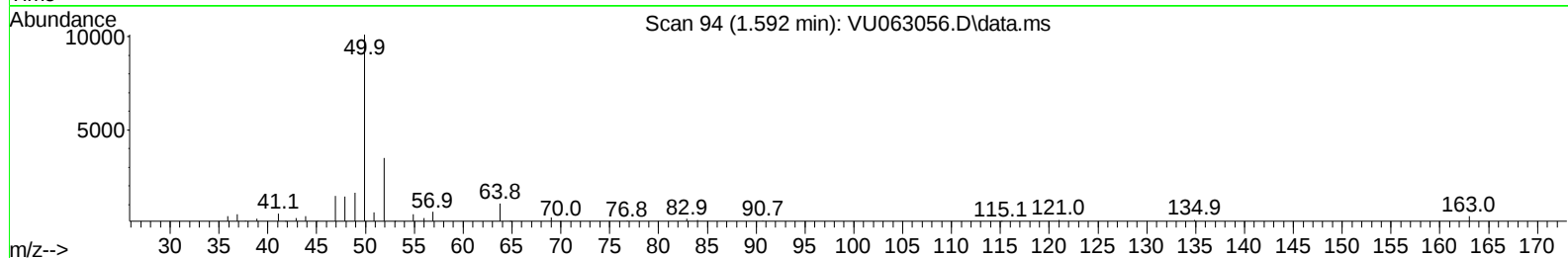
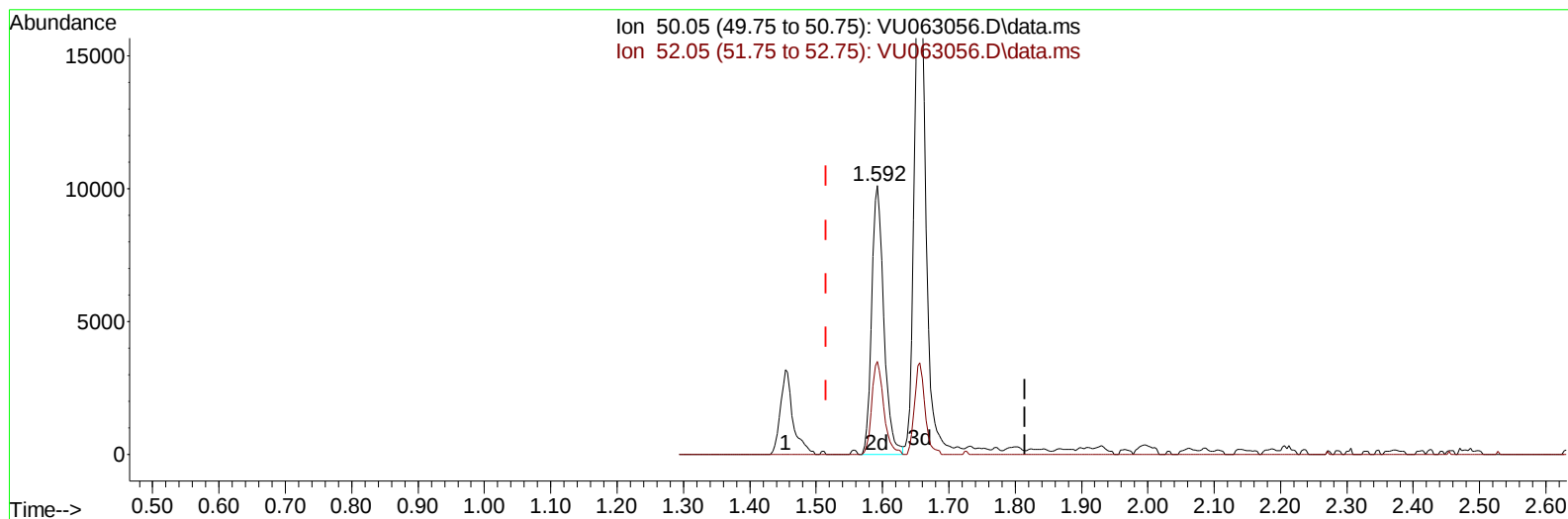
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Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725wMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



TIC: VU063056.D\data.ms

(3) Chloromethane (T)

1.592min (+ 0.077) 2.33 ug/L m

response 12883

Ion	Exp%	Act%
50.05	100.00	100.00
52.05	34.40	34.67
0.00	0.00	0.00
0.00	0.00	0.00

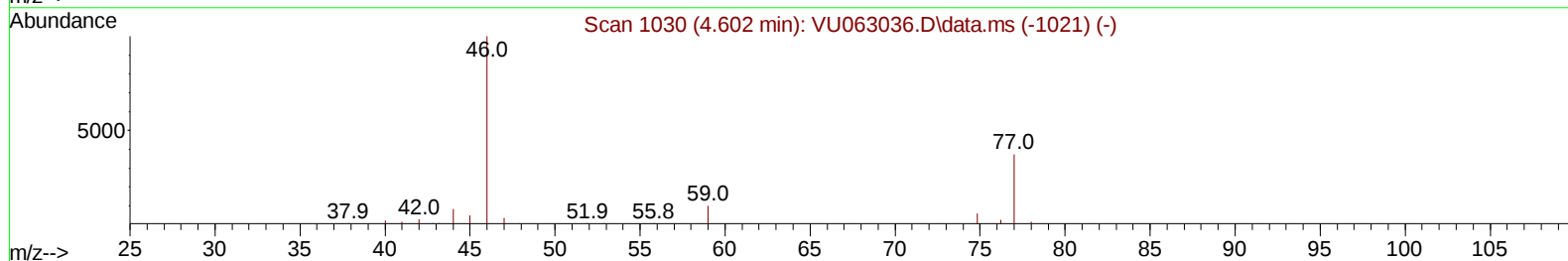
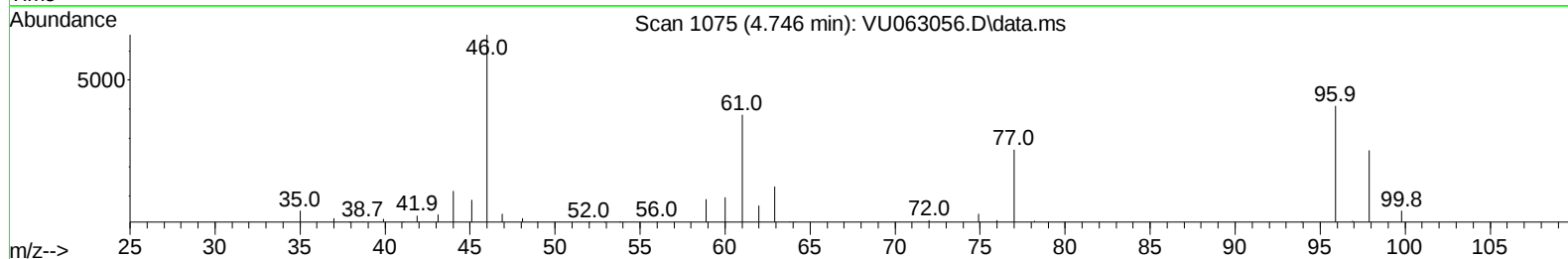
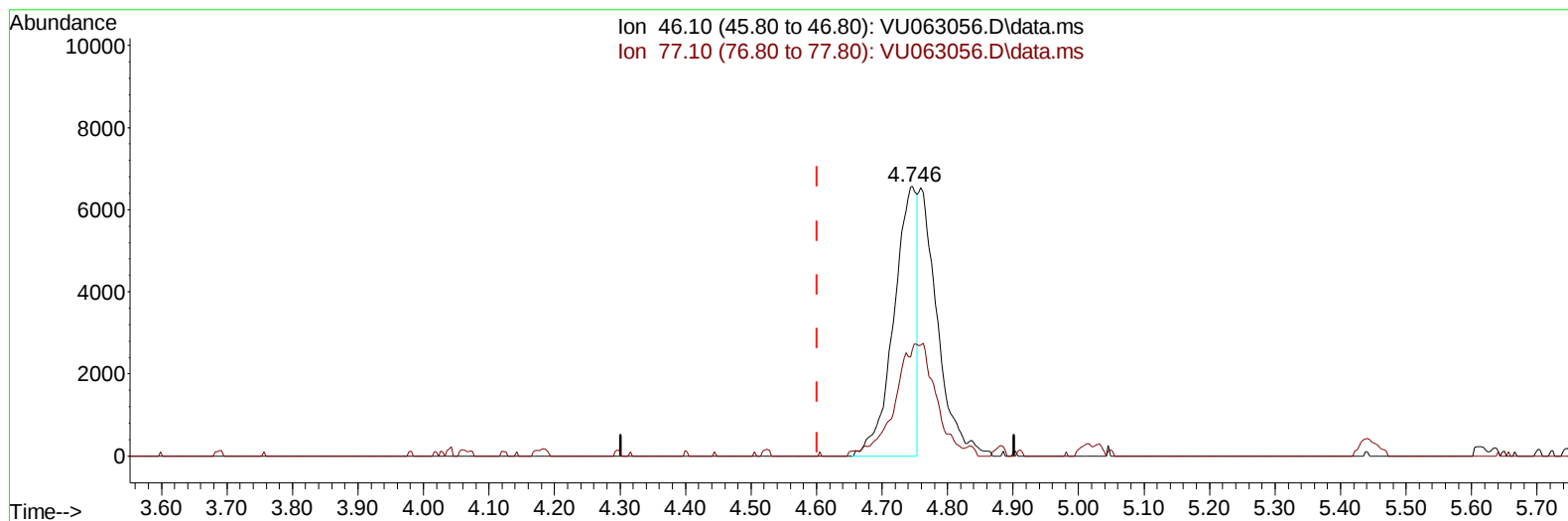
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Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Jan 29 08:23:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
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Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



TIC: VU063056.D\data.ms

(20) 2-Butanone-d5 (S)

4.746min (+ 0.144) 11.80 ug/L

response 15802

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	30.90	70.16#
0.00	0.00	0.00
0.00	0.00	0.00

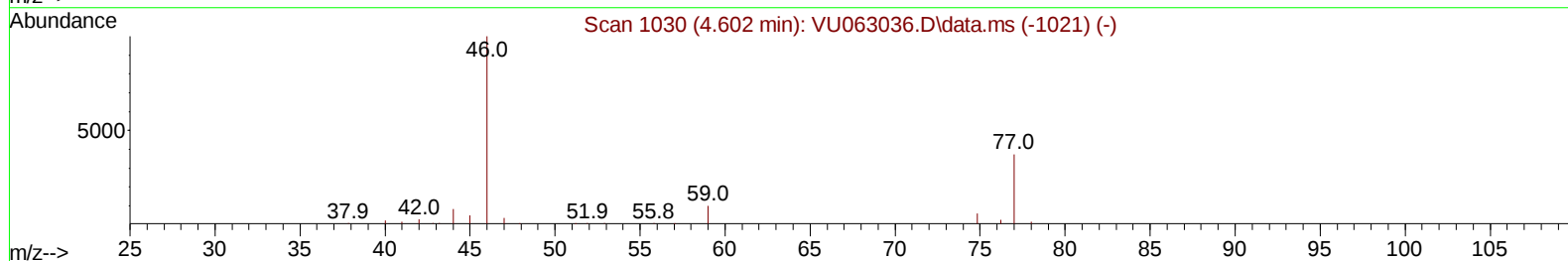
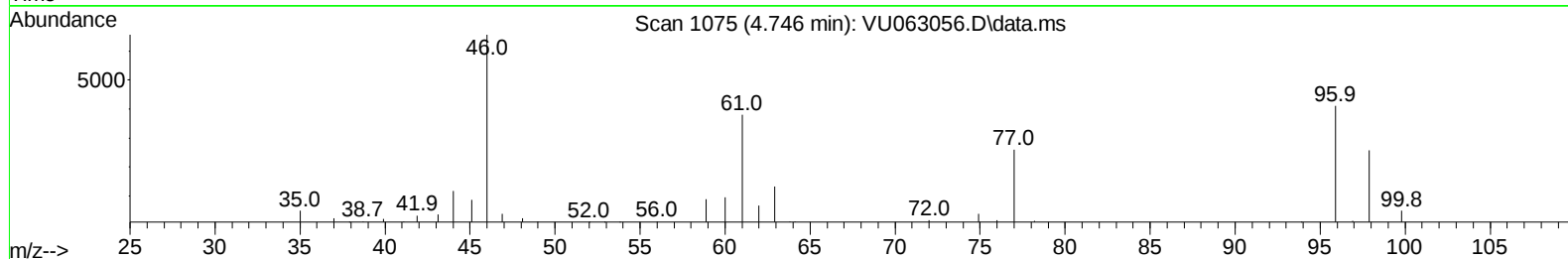
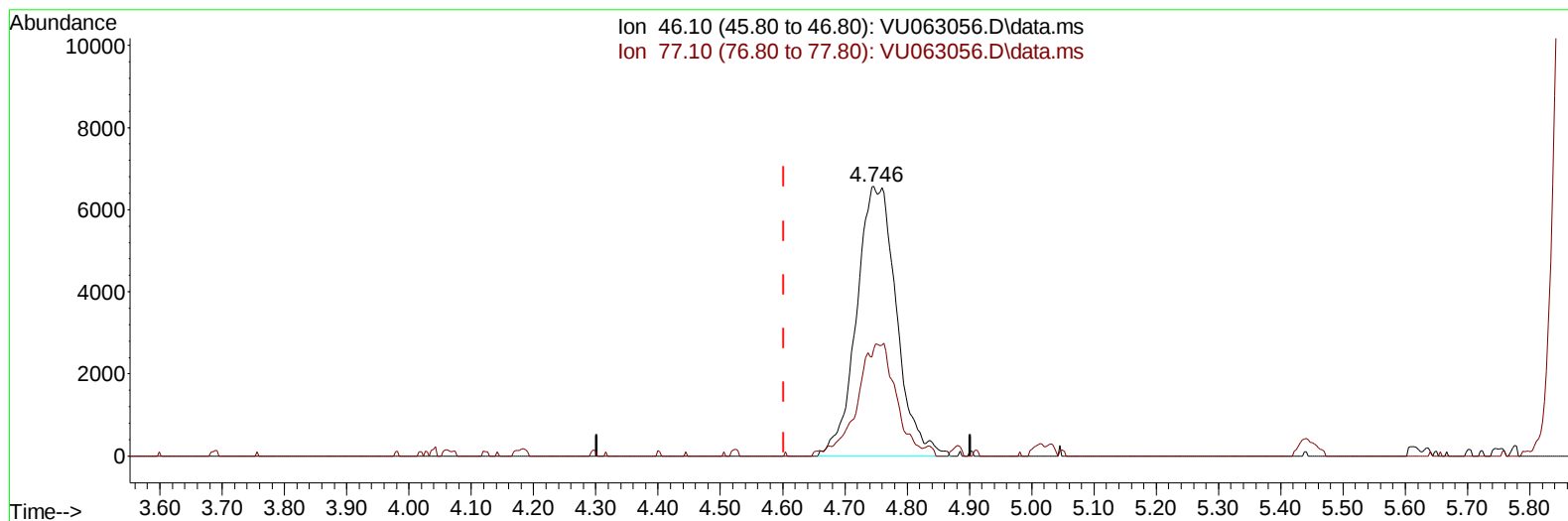
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Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
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Quant Time: Jan 29 08:23:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725wMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
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TIC: VU063056.D\data.ms

(20) 2-Butanone-d5 (S)

4.746min (+ 0.144) 21.80 ug/L m

response 29200

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	30.90	37.97
0.00	0.00	0.00
0.00	0.00	0.00

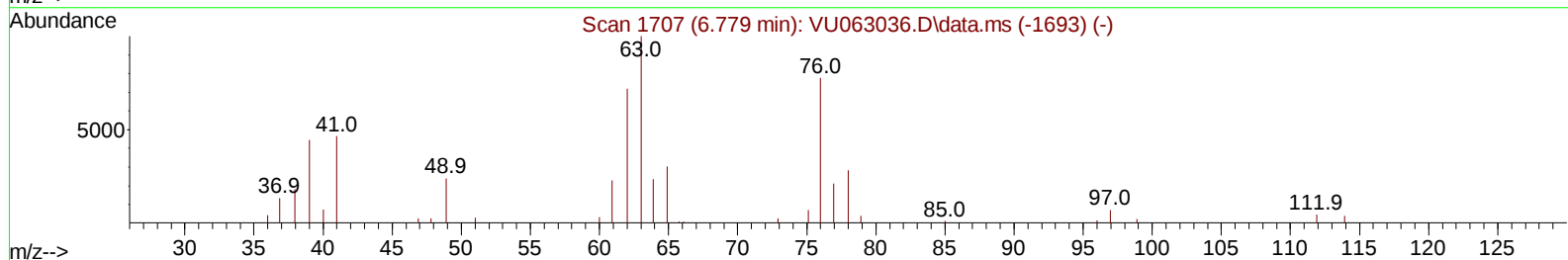
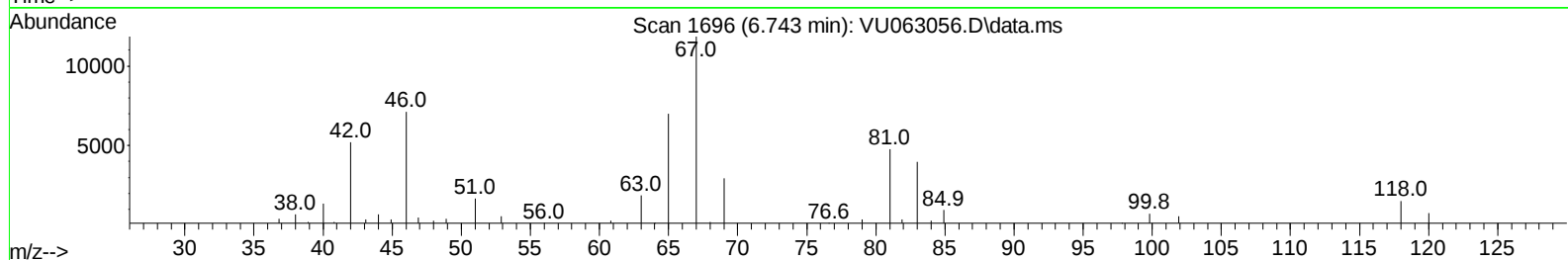
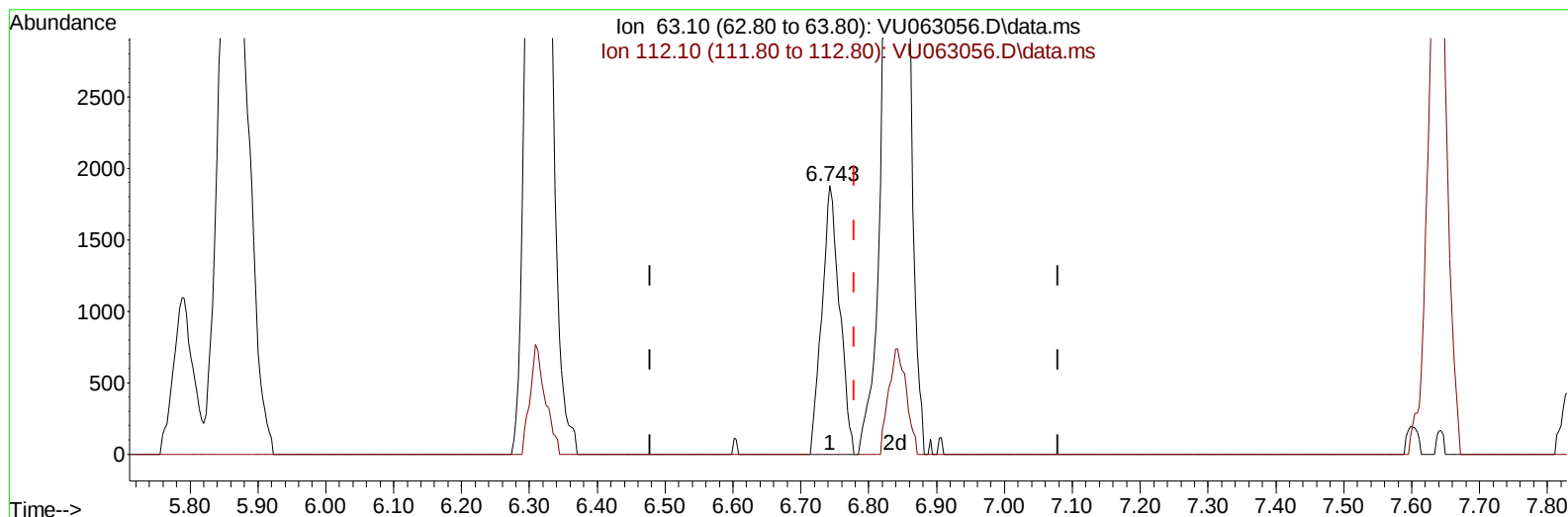
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 29 08:23:23 2025
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



TIC: VU063056.D\data.ms

(37) 1,2-Dichloropropane (T)

6.743min (-0.036) 0.52 ug/L

response 3394

Ion	Exp%	Act%
63.10	100.00	100.00
112.10	4.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

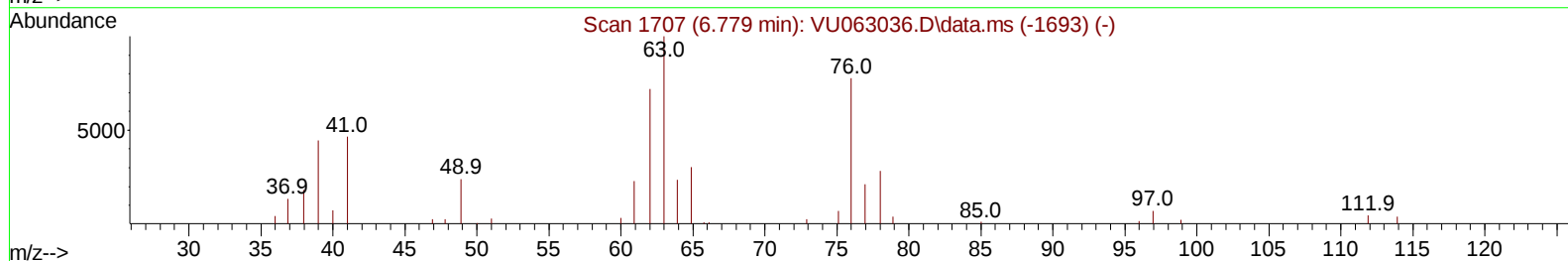
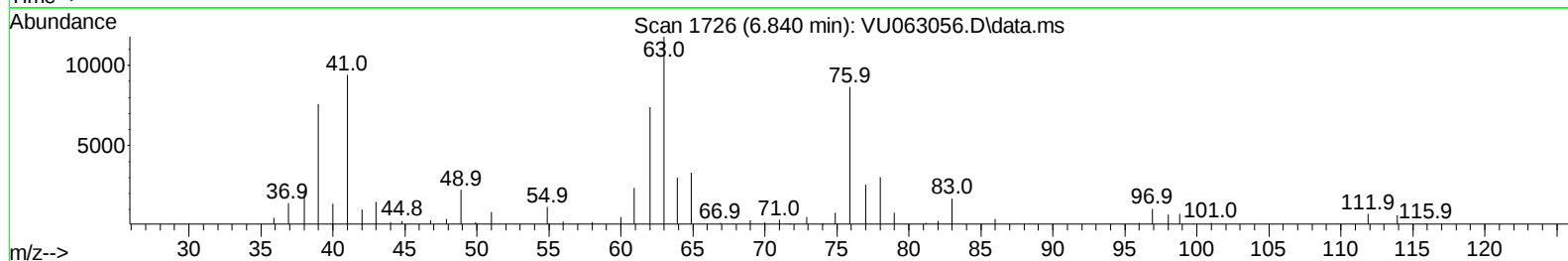
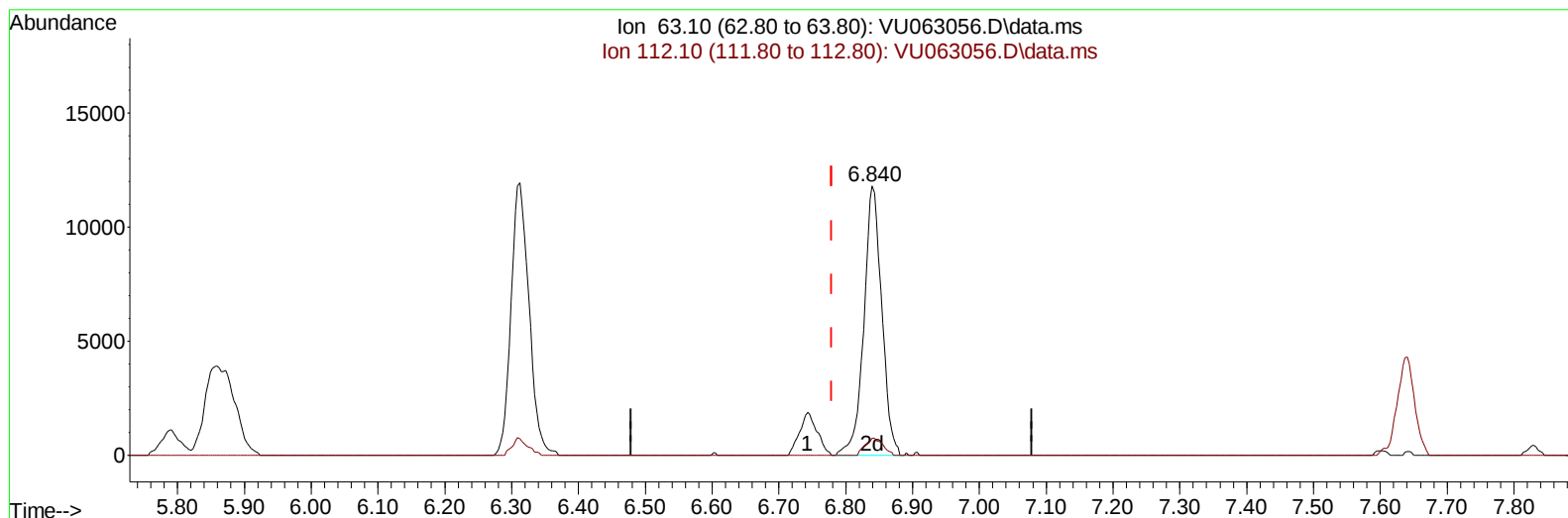
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 29 08:23:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration



TIC: VU063056.D\data.ms

(37) 1,2-Dichloropropane (T)

6.840min (+ 0.061) 3.34 ug/L m

response 21958

Ion	Exp%	Act%
63.10	100.00	100.00
112.10	4.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

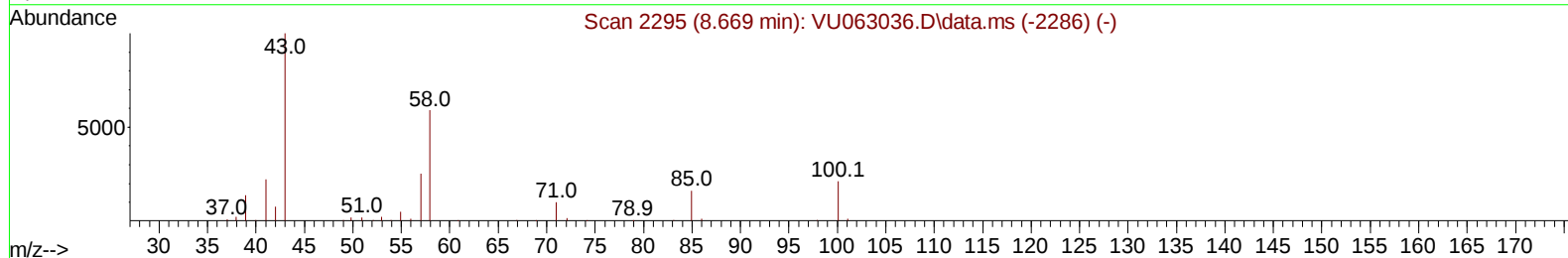
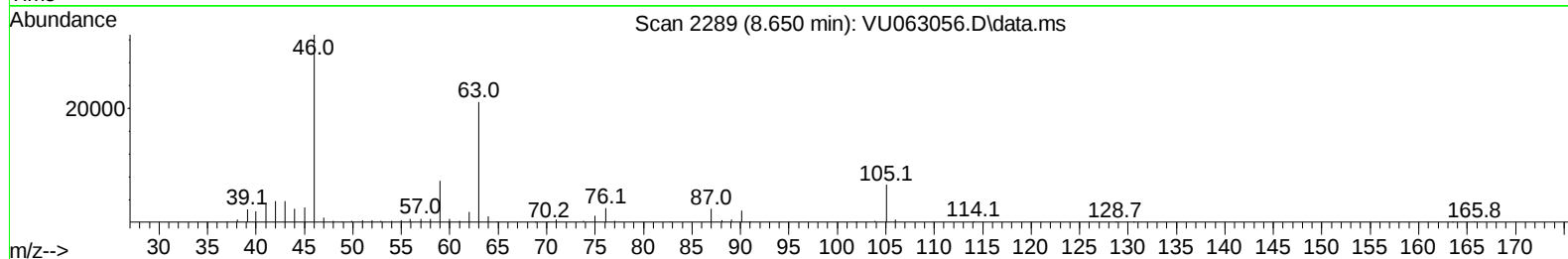
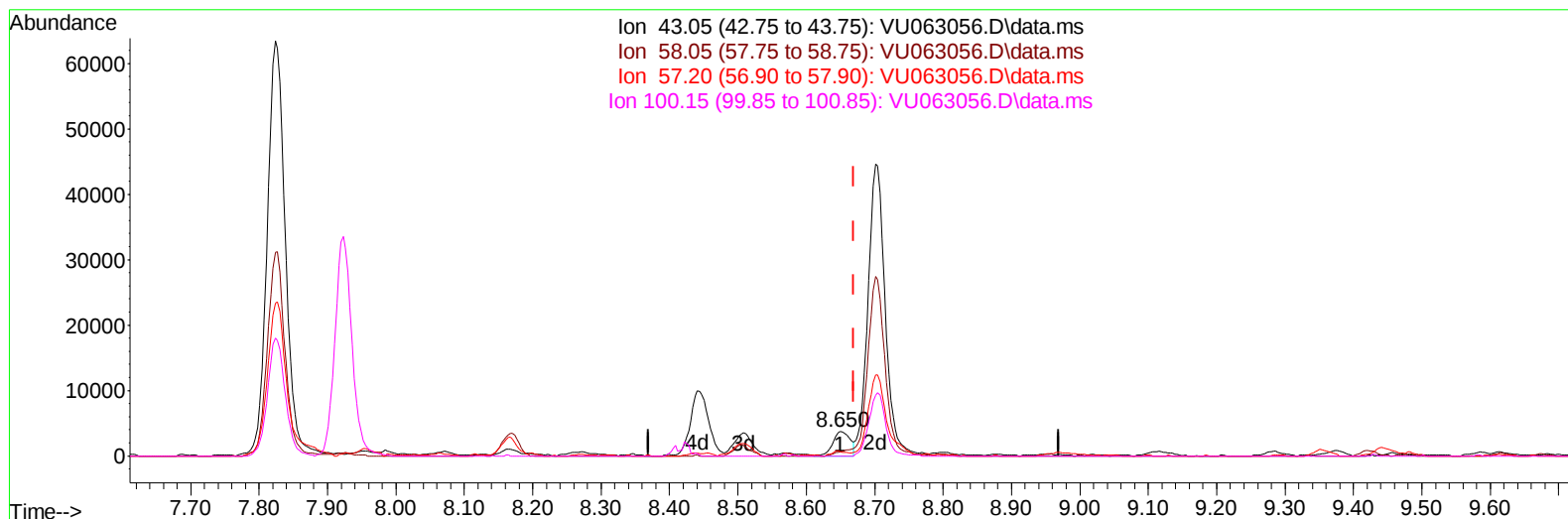
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063056.D
 Acq On : 28 Jan 2025 08:33
 Operator : MD/SY
 Sample : Q1196-03MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Jan 29 08:23:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025



TIC: VU063056.D\data.ms

(48) 2-Hexanone (T)

8.650min (-0.019) 3.03 ug/L

response 6648

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	62.80	0.00#
57.20	24.90	16.74#
100.15	15.70	0.00#

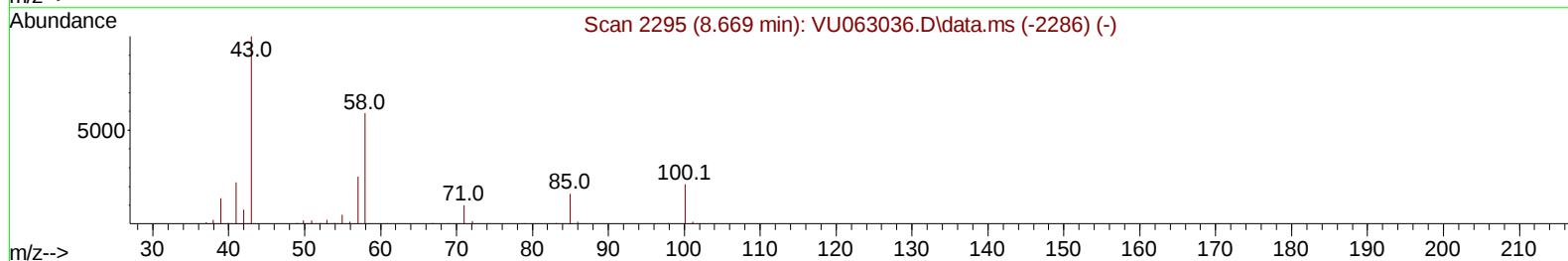
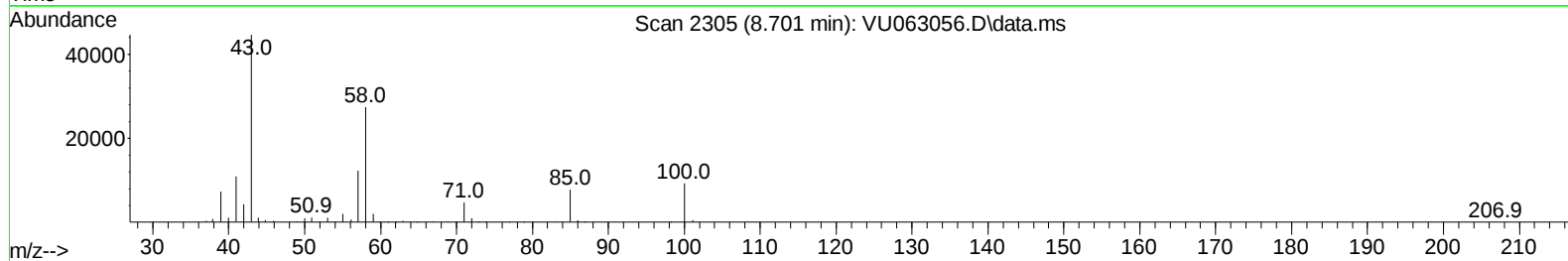
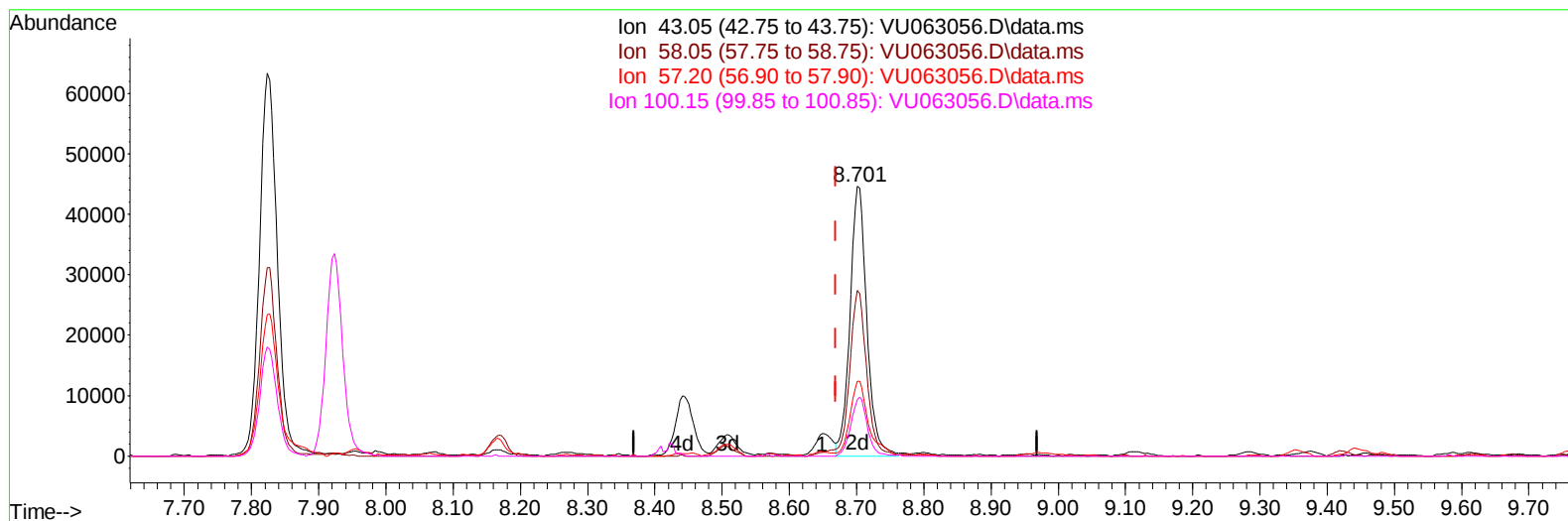
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
Data File : VU063056.D
Acq On : 28 Jan 2025 08:33
Operator : MD/SY
Sample : Q1196-03MSD
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Manual IntegrationsAPPROVED

Quant Time: Jan 29 08:23:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



TIC: VU063056.D\data.ms

(48) 2-Hexanone (T)

8.701min (+ 0.032) 35.33 ug/L m

response 77613

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	62.80	0.00#
57.20	24.90	1.43#
100.15	15.70	0.00#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063056.D
 Acq On : 28 Jan 2025 08:33
 Operator : MD/SY
 Sample : Q1196-03MSD
 Misc : 25mL/MSVOA_U/WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.312	114	128378	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.421	117	120477	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.804	152	70410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.669	65	11704	2.536	ug/L	0.07
Spiked Amount 5.000	Range 40	- 130	Recovery	=	50.800%	
7) Chloroethane-d5	1.981	69	12180	3.476	ug/L	0.08
Spiked Amount 5.000	Range 65	- 130	Recovery	=	69.600%	
11) 1,1-Dichloroethene-d2	2.644	65	7549	2.735	ug/L	0.09
Spiked Amount 5.000	Range 60	- 125	Recovery	=	54.800%#	
20) 2-Butanone-d5	4.746	46	29200m	21.801	ug/L	0.14
Spiked Amount 50.000	Range 40	- 130	Recovery	=	43.600%	
24) Chloroform-d	5.119	84	58577	3.195	ug/L	0.07
Spiked Amount 5.000	Range 70	- 125	Recovery	=	64.000%#	
26) 1,2-Dichloroethane-d4	5.788	65	32738	3.128	ug/L	0.10
Spiked Amount 5.000	Range 70	- 130	Recovery	=	62.600%#	
32) Benzene-d6	5.807	84	87731	3.187	ug/L	0.09
Spiked Amount 5.000	Range 70	- 125	Recovery	=	63.800%#	
36) 1,2-Dichloropropane-d6	6.743	67	21609	3.083	ug/L	0.07
Spiked Amount 5.000	Range 60	- 140	Recovery	=	61.600%	
41) Toluene-d8	7.923	98	91048	3.345	ug/L	0.04
Spiked Amount 5.000	Range 70	- 130	Recovery	=	66.800%#	
43) trans-1,3-Dichloroprop...	8.200	79	13696	3.156	ug/L	0.03
Spiked Amount 5.000	Range 55	- 130	Recovery	=	63.200%	
46) 2-Hexanone-d5	8.650	63	37792	34.902	ug/L	0.03
Spiked Amount 50.000	Range 45	- 130	Recovery	=	69.800%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	21860	3.284	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	65.600%	
66) 1,2-Dichlorobenzene-d4	12.183	152	42793	3.395	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	68.000%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.454	85	40059	3.483	ug/L	100
3) Chloromethane	1.592	50	12883m	2.329	ug/L	
5) Vinyl chloride	1.676	62	19199	3.109	ug/L	93
6) Bromomethane	1.927	94	8636	2.923	ug/L	91
8) Chloroethane	2.001	64	14972	4.801	ug/L	91
9) Trichlorofluoromethane	2.210	101	55843	3.577	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.656	101	26398	3.436	ug/L #	84
12) 1,1-Dichloroethene	2.656	96	22321	3.347	ug/L	79
13) Acetone	2.782	43	42054	48.557	ug/L	61
14) Carbon disulfide	2.869	76	62702	3.670	ug/L	99
15) Methyl Acetate	3.068	43	8244	4.957	ug/L #	84
16) Methylene chloride	3.129	84	22618	3.217	ug/L	89
17) Methyl tert-butyl Ether	3.473	73	61032	3.055	ug/L	95
18) trans-1,2-Dichloroethene	3.438	96	24330	3.409	ug/L	90
19) 1,1-Dichloroethane	3.955	63	40638	3.285	ug/L	91
21) 2-Butanone	4.824	43	33748	28.570	ug/L	93
22) cis-1,2-Dichloroethene	4.724	96	26264	3.079	ug/L	91
23) Bromochloromethane	5.026	128	13867	3.240	ug/L #	77

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
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 ALS Vial : 54 Sample Multiplier: 1

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 ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
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Quant Time: Jan 29 08:23:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	5.145	83	64017	3.582	ug/L	100
27) 1,2-Dichloroethane	5.878	62	42822	3.418	ug/L #	96
29) 1,1,1-Trichloroethane	5.377	97	70591	3.779	ug/L	97
30) Cyclohexane	5.444	56	32652	3.752	ug/L #	76
31) Carbon tetrachloride	5.592	117	66837	3.716	ug/L	100
33) Benzene	5.852	78	128662	4.408	ug/L	100
34) Trichloroethene	6.595	95	47626	4.802	ug/L	93
35) Methylcyclohexane	6.807	83	47117	3.770	ug/L	93
37) 1,2-Dichloropropane	6.840	63	21958m	3.345	ug/L	
38) Bromodichloromethane	7.148	83	48390	3.679	ug/L	99
39) cis-1,3-Dichloropropene	7.637	75	45243	3.661	ug/L	99
40) 4-Methyl-2-pentanone	7.823	43	117531	37.113	ug/L #	92
42) Toluene	7.991	91	282784	8.151	ug/L	99
44) trans-1,3-Dichloropropene	8.229	75	41376	3.634	ug/L	100
45) 1,1,2-Trichloroethane	8.418	97	23471	3.799	ug/L	94
47) Tetrachloroethene	8.566	164	314472	36.455	ug/L	92
48) 2-Hexanone	8.701	43	77613m	35.333	ug/L	
49) Dibromochloromethane	8.820	129	37056	3.843	ug/L	93
50) 1,2-Dibromoethane	8.936	107	23671	3.793	ug/L #	87
51) Chlorobenzene	9.454	112	92746	3.855	ug/L	95
52) Ethylbenzene	9.573	91	217083	5.369	ug/L	99
53) m,p-Xylene	9.695	106	129597	8.300	ug/L	100
54) o-Xylene	10.100	106	99848	6.980	ug/L	96
55) Styrene	10.113	104	103853	4.294	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	25080	3.628	ug/L #	96
59) Bromoform	10.290	173	25355	3.790	ug/L #	98
60) Isopropylbenzene	10.479	105	178067	3.991	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	18563	3.276	ug/L	91
62) 1,3,5-Trimethylbenzene	11.081	105	171141	4.375	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	207257	5.602	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	91950	4.059	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	89744	3.949	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	80797	3.791	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	6481	4.325	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.209	180	76732	4.240	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	72393	5.112	ug/L	99
71) Naphthalene	14.074	128	643812	35.428	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	62514	5.109	ug/L	97

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

Instrument :
MSVOA_U
ClientSampleId :
E2964MSD

Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025

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