Quantitation Report (Qedit)

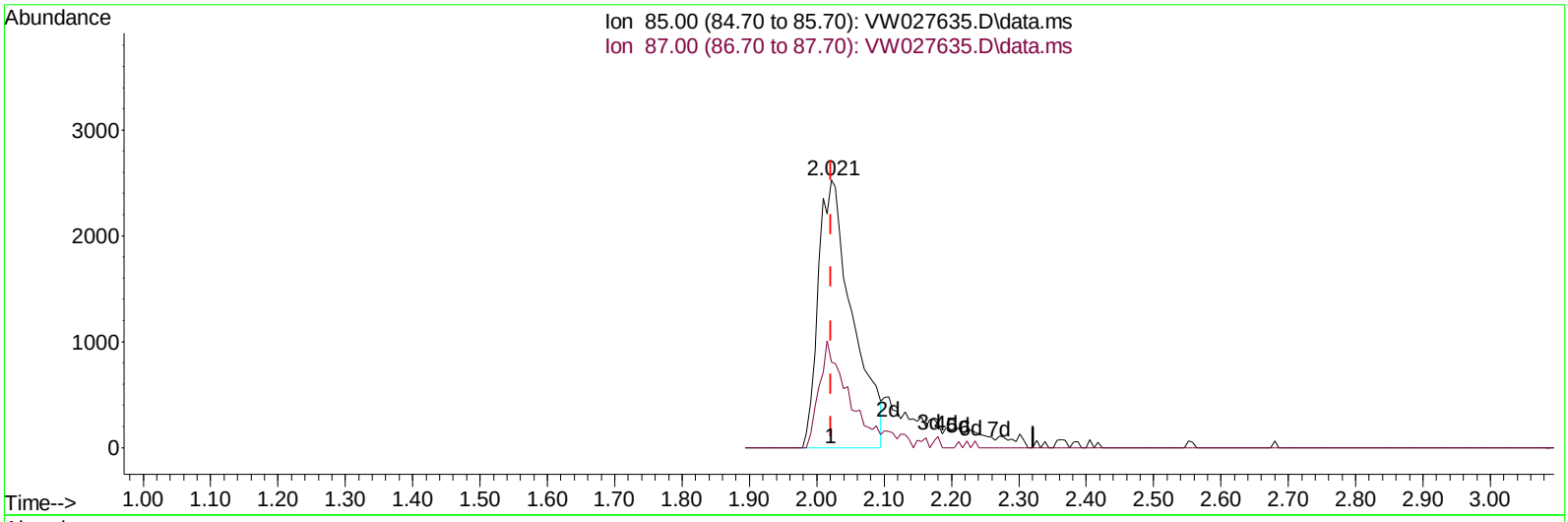
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

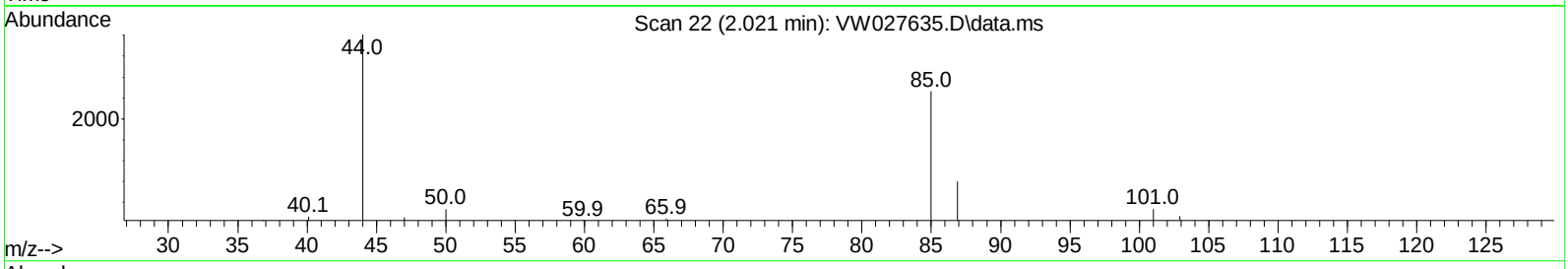
Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

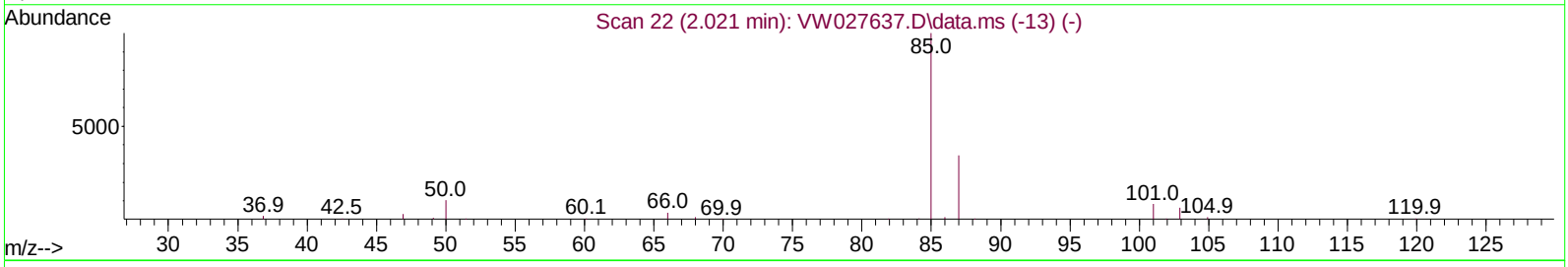
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/17/2023
Supervised By :Semsettin Yesilyurt 12/17/2023







TIC: VW027635.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (-0.000) 2.01 ug/L

response 8839

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.00	28.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

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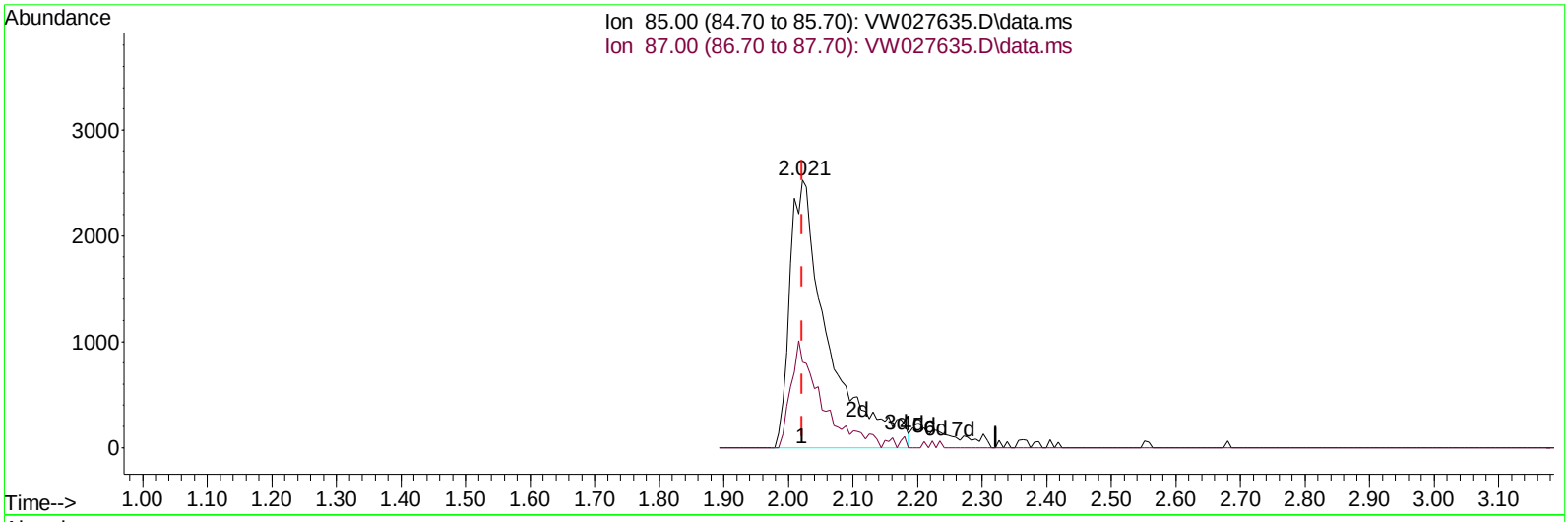
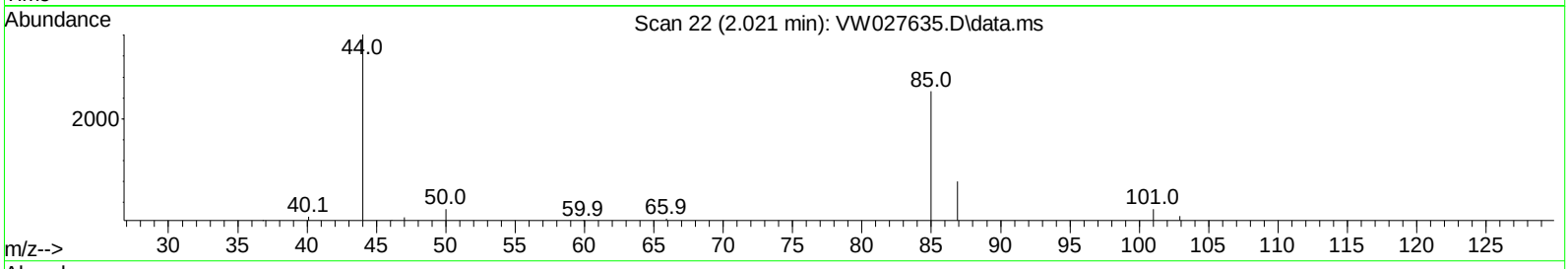
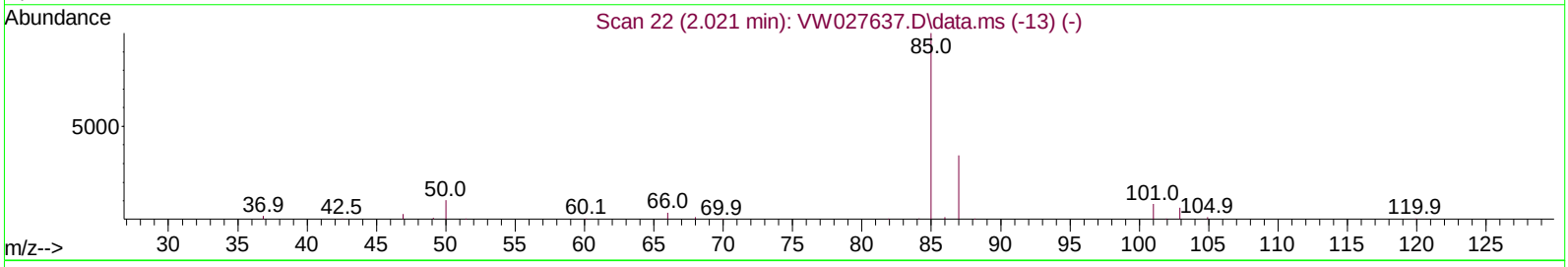
Supervised By :Semsettin Yesilyurt 12/17/2023







TIC: VW027635.D\data.ms

(2) Dichlorodifluoromethane (T)

2.021min (-0.000) 2.38 ug/L m

response 10455

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	29.00	24.32
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

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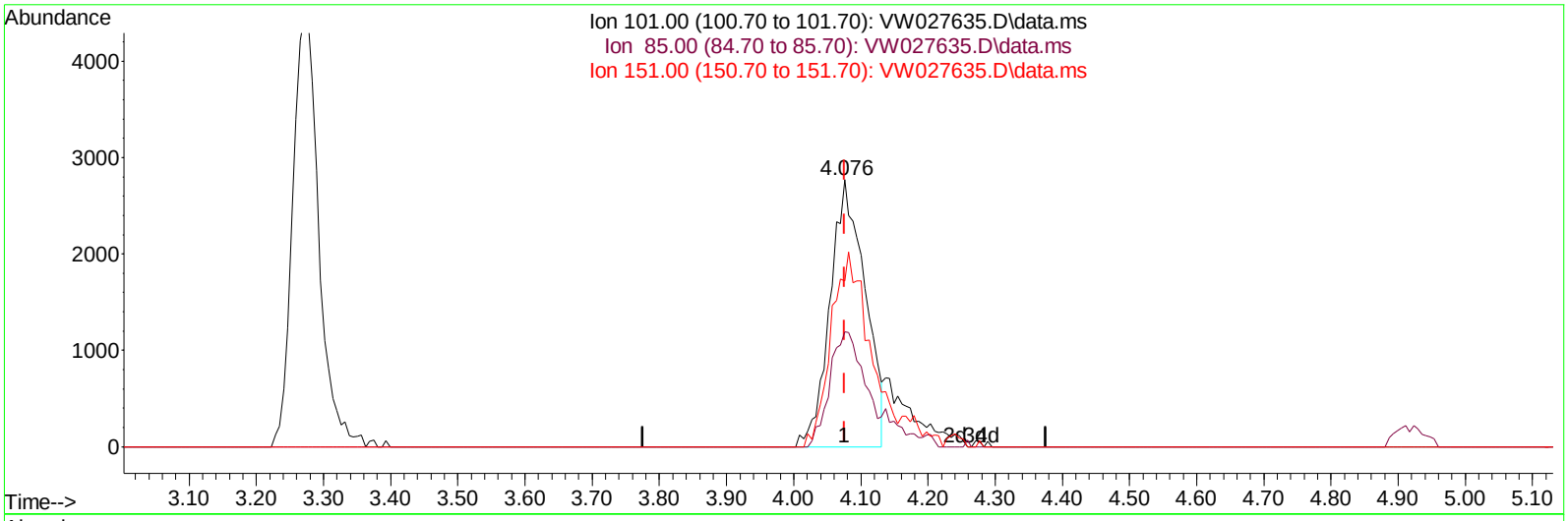
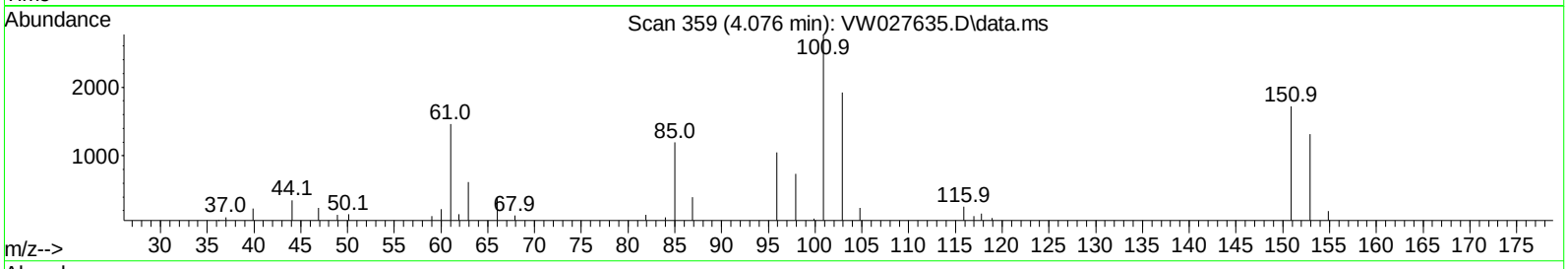
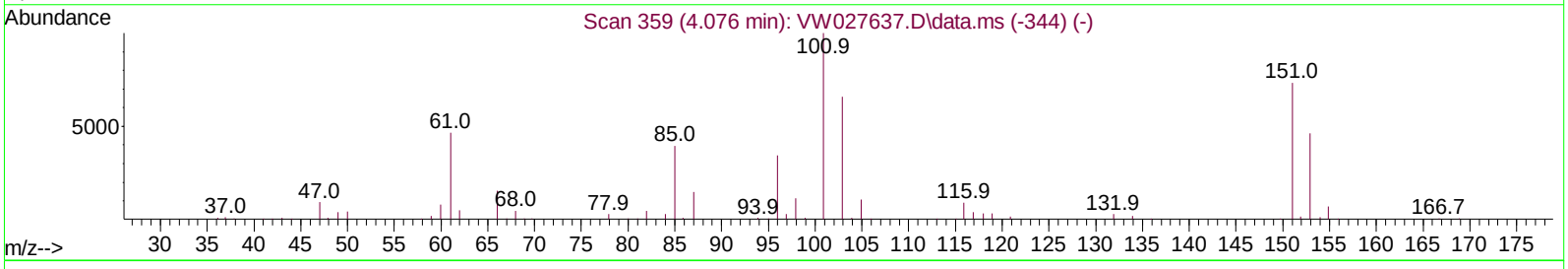






TIC: VW027635.D\data.ms

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

4.076min (-0.000) 2.06 ug/L

response 10070

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	41.20	42.05
151.00	73.60	45.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

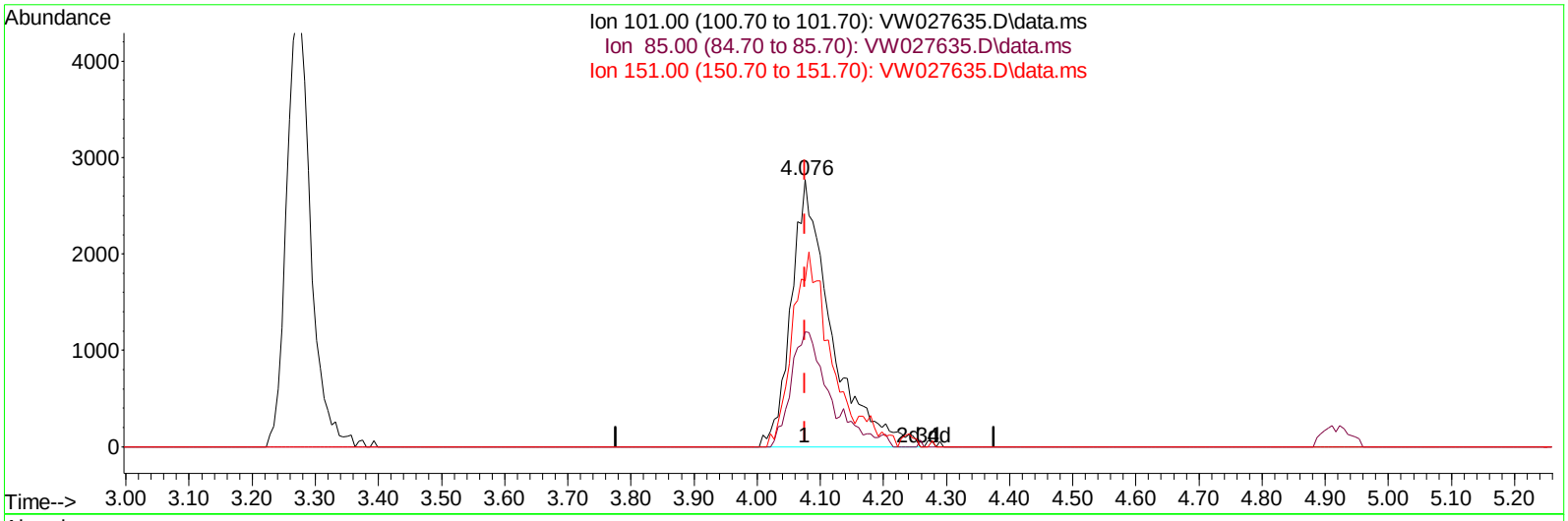
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

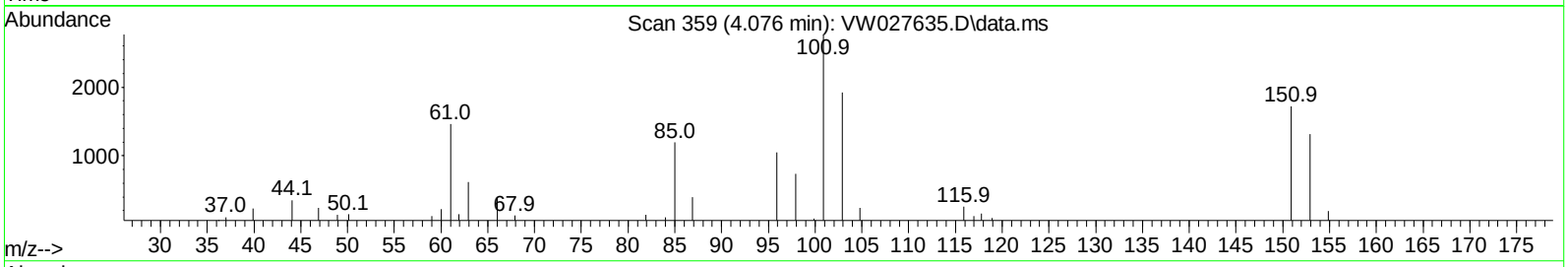
Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

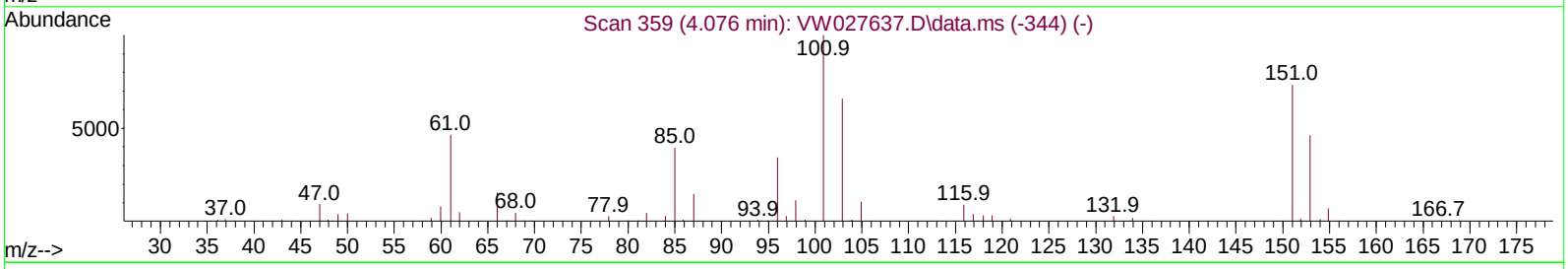
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/17/2023
Supervised By :Semsettin Yesilyurt 12/17/2023







TIC: VW027635.D\data.ms

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

4.076min (-0.000) 2.49 ug/L m

response 12209

Ion	Exp%	Act%
101.00	100.00	100.00
85.00	41.20	34.68
151.00	73.60	37.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

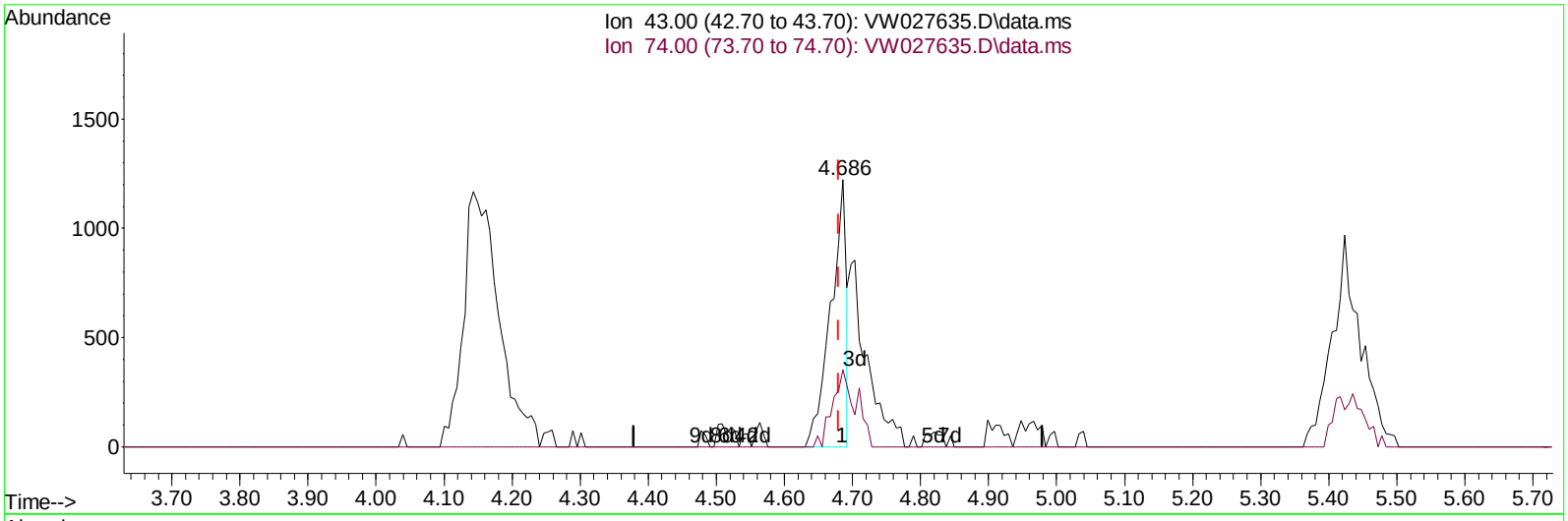
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

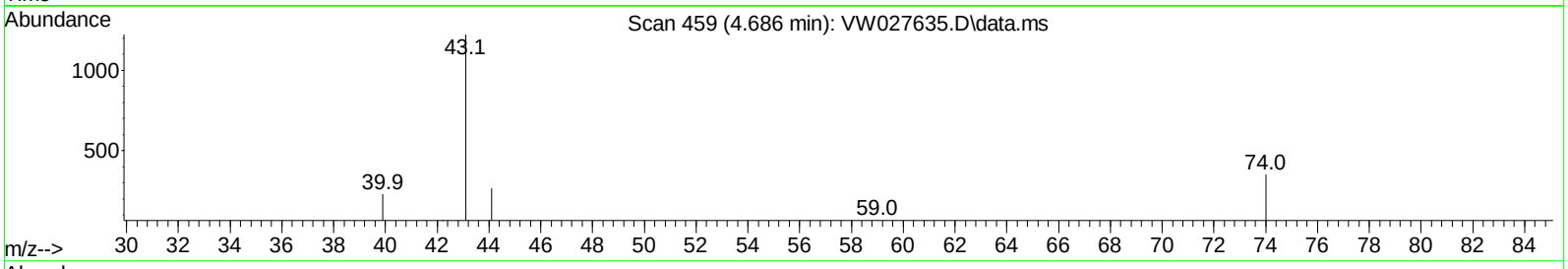
Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

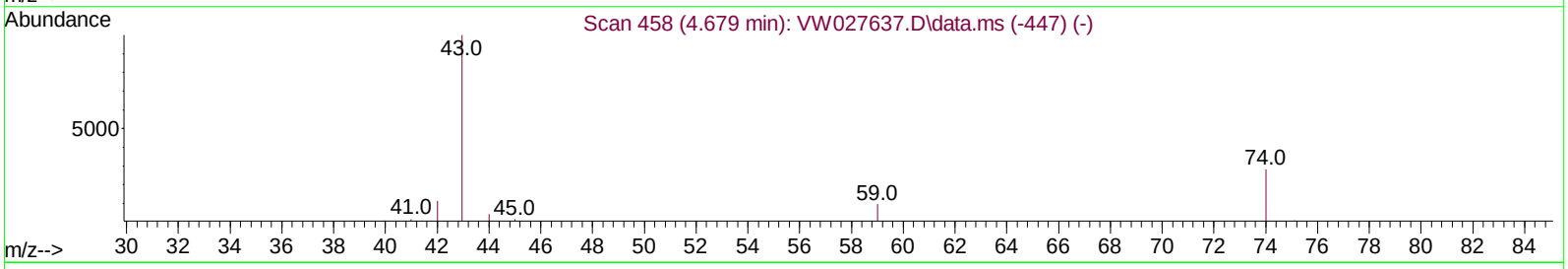
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/17/2023
Supervised By :Semsettin Yesilyurt 12/17/2023







TIC: VW027635.D\data.ms

(15) Methyl Acetate (T)

4.686min (+ 0.006) 1.22 ug/L

response 1944

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.60	32.72
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

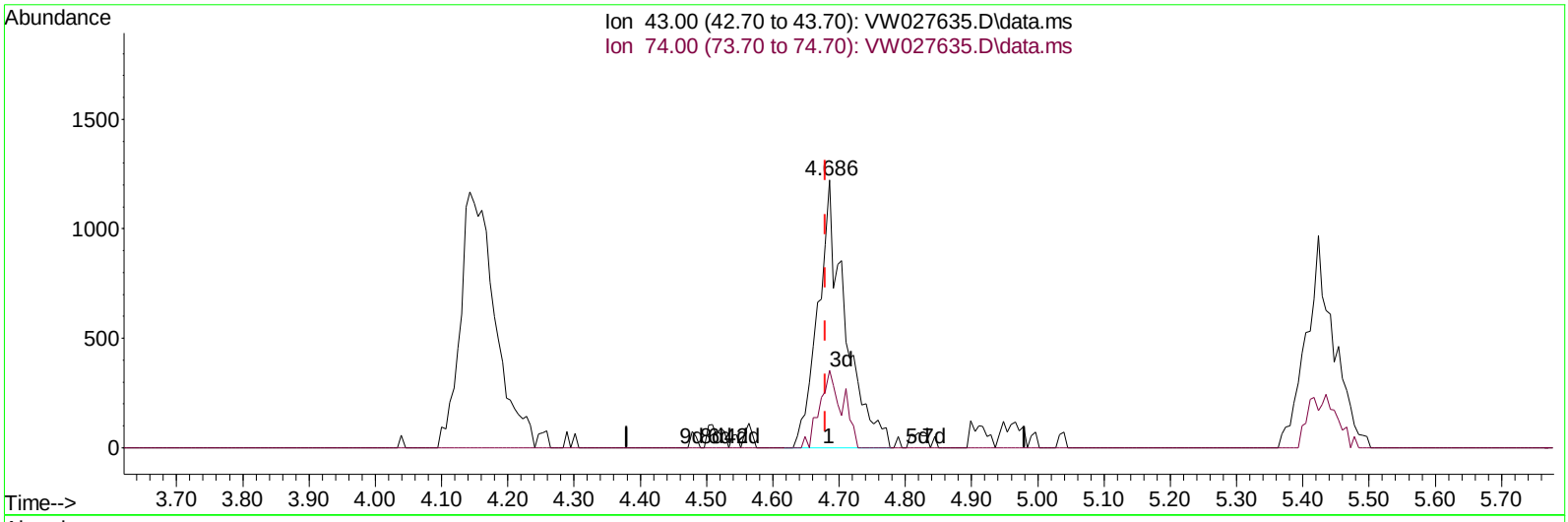
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

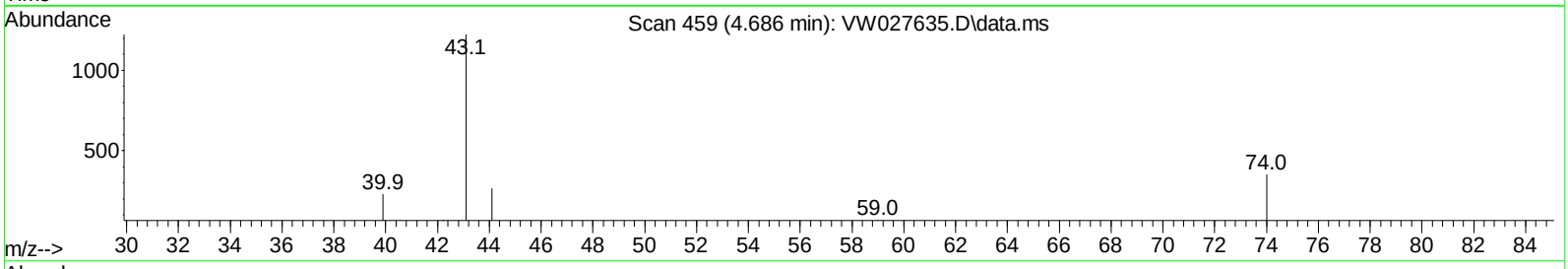
Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

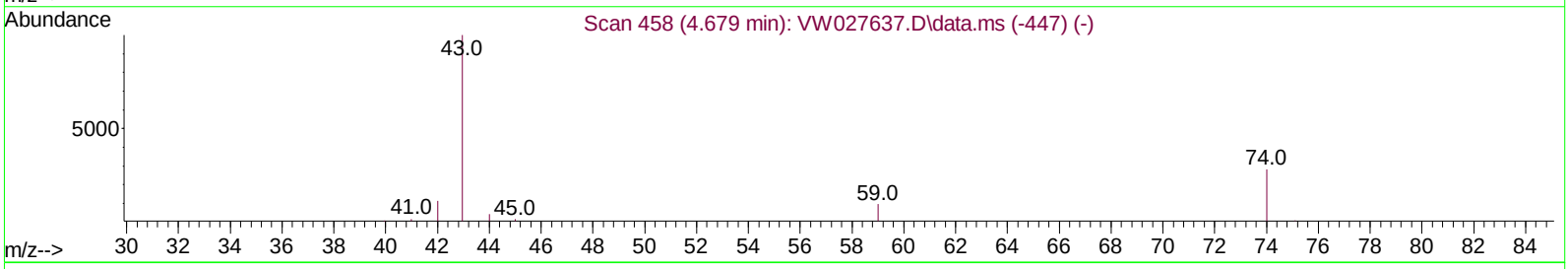
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/17/2023
Supervised By :Semsettin Yesilyurt 12/17/2023







TIC: VW027635.D\data.ms

(15) Methyl Acetate (T)

4.686min (+ 0.006) 2.20 ug/L m

response 3496

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	27.60	18.19#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

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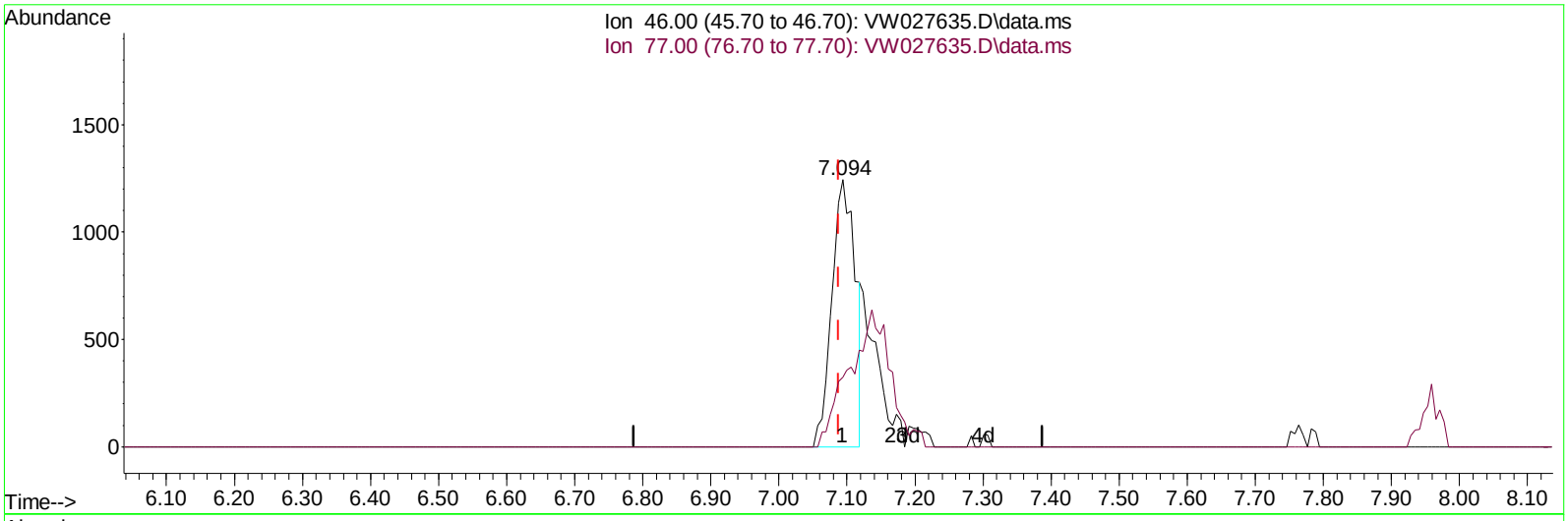

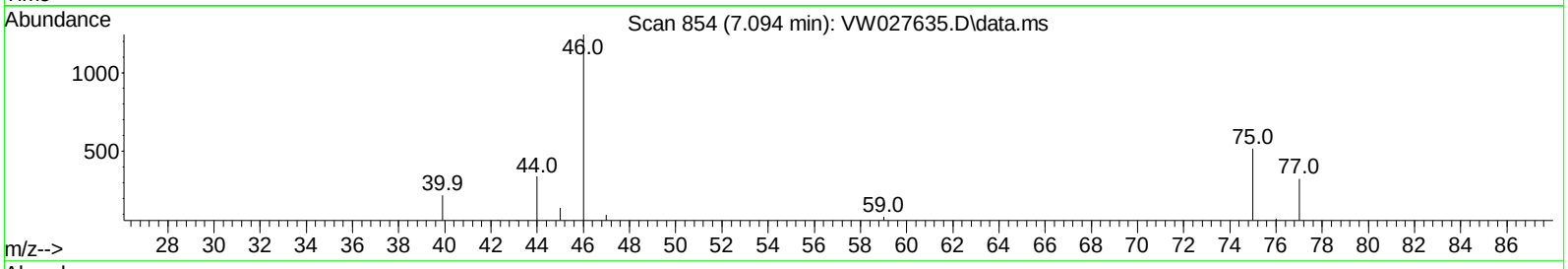

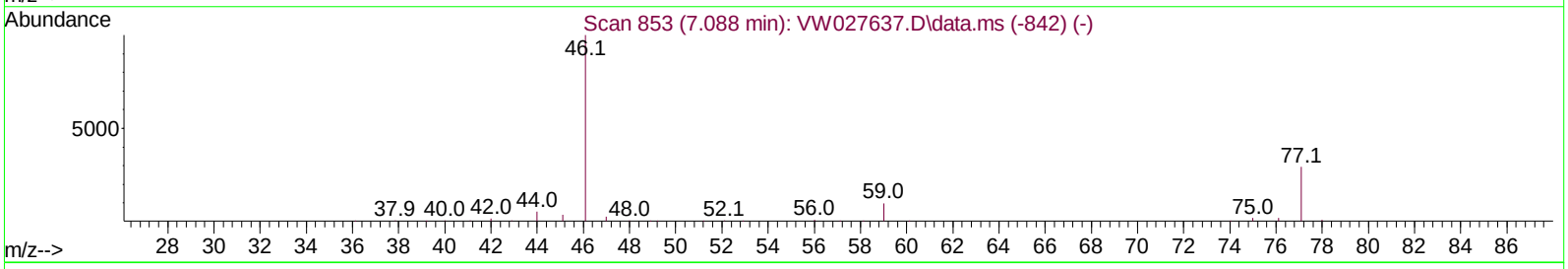

TIC: VW027635.D\data.ms

(21) 2-Butanone-d5 (S)

7.094min (+ 0.006) 3.05 ug/L

response 2955

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	0.10	27.17#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
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Sample : VSTD2.578
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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
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Instrument :
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ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

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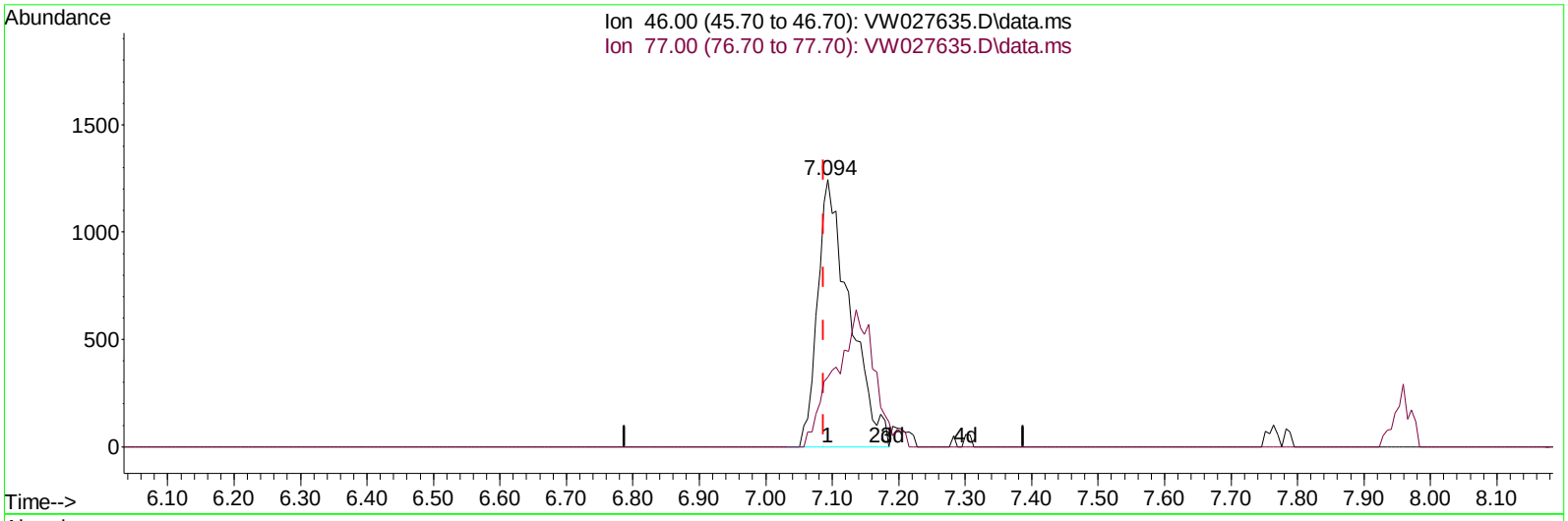

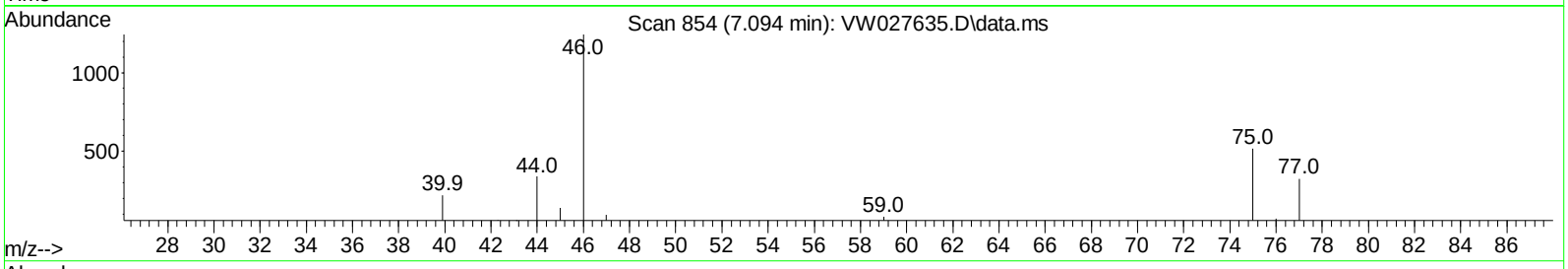

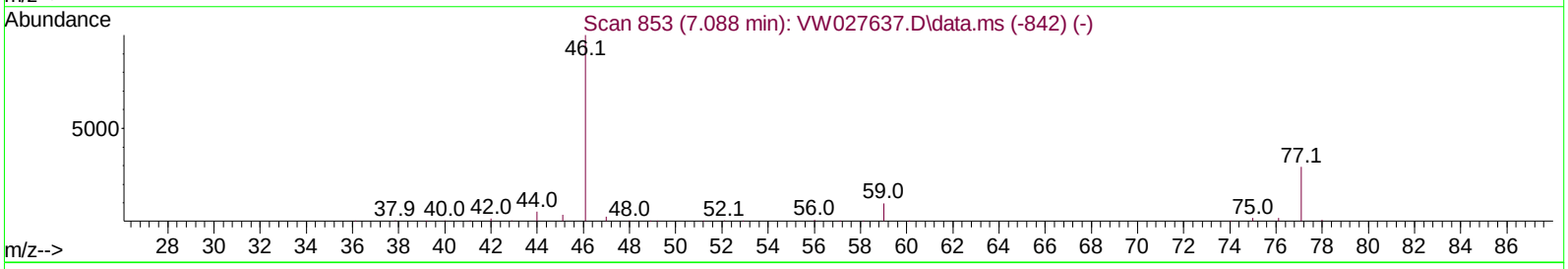

TIC: VW027635.D\data.ms

(21) 2-Butanone-d5 (S)

7.094min (+ 0.006) 4.32 ug/L m

response 4175

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	0.10	19.23#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
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Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/17/2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	393082	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	340959	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	163959	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.363	65	14137	2.533	ug/L		0.00
7) Chloroethane-d5	2.899	69	10903	2.506	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.021	65	5605	2.493	ug/L		0.00
21) 2-Butanone-d5	7.094	46	4175m	4.315	ug/L		0.00
24) Chloroform-d	7.648	84	22931	2.434	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.301	65	10754	2.438	ug/L		0.00
32) Benzene-d6	8.270	84	49403	2.471	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.270	67	13967	2.460	ug/L		0.00
41) Toluene-d8	10.319	98	44498	2.385	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.575	79	4676	2.120	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	3255	3.926	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	9755	2.275	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	15011	2.594	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.021	85	10455m	2.375	ug/L		
3) Chloromethane	2.223	50	12628	2.327	ug/L		94
5) Vinyl chloride	2.375	62	15361	2.380	ug/L		99
6) Bromomethane	2.790	94	9848	2.389	ug/L		95
8) Chloroethane	2.936	64	9283	2.415	ug/L		95
9) Trichlorofluoromethane	3.271	101	12051	2.020	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	12209m	2.494	ug/L		
12) 1,1-Dichloroethene	4.039	96	11236	2.301	ug/L		86
13) Acetone	4.143	43	4255	4.816	ug/L		67
14) Carbon disulfide	4.387	76	37104	2.258	ug/L		98
15) Methyl Acetate	4.686	43	3496m	2.196	ug/L		
16) Methylene chloride	4.917	84	21140	3.330	ug/L		95
17) trans-1,2-Dichloroethene	5.435	96	11923	2.299	ug/L		98
18) Methyl tert-butyl Ether	5.429	73	15579	2.281	ug/L		98
19) 1,1-Dichloroethane	6.222	63	20606	2.343	ug/L		98
20) cis-1,2-Dichloroethene	7.167	96	12462	2.296	ug/L		96
22) 2-Butanone	7.185	43	5673	4.967	ug/L		85
23) Bromochloromethane	7.514	128	5122	2.229	ug/L		82
25) Chloroform	7.679	83	20305	2.342	ug/L		98
27) 1,2-Dichloroethane	8.398	62	11766	2.314	ug/L		95
29) Cyclohexane	7.959	56	18526	2.263	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	16829	2.327	ug/L		98
31) Carbon tetrachloride	8.069	117	14848	2.347	ug/L		99
33) Benzene	8.325	78	47481	2.366	ug/L		100
34) Trichloroethene	9.093	95	13167	2.424	ug/L		94
35) Methylcyclohexane	9.331	83	22643	2.302	ug/L		98
37) 1,2-Dichloropropane	9.368	63	11546	2.398	ug/L	#	96
38) Bromodichloromethane	9.642	83	13959	2.394	ug/L		94
39) cis-1,3-Dichloropropene	10.075	75	15916	2.161	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	9077	4.324	ug/L		96
42) Toluene	10.386	91	49819	2.311	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5478

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/17/2023
Supervised By :Semsettin Yesilyurt 12/17/2023

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	trans-1,3-Dichloropropene	10.605	75	11947	2.052	ug/L		97
45)	1,1,2-Trichloroethane	10.788	97	8422	2.359	ug/L		98
46)	Tetrachloroethene	10.855	164	10513	2.412	ug/L		87
48)	2-Hexanone	10.971	43	6854	4.436	ug/L		94
49)	Dibromochloromethane	11.129	129	8262	2.227	ug/L		89
50)	1,2-Dibromoethane	11.233	107	7826	2.301	ug/L	#	87
51)	Chlorobenzene	11.654	112	33026	2.396	ug/L		94
52)	Ethylbenzene	11.727	91	54733	2.250	ug/L		96
53)	m,p-Xylene	11.837	106	21012	2.243	ug/L		93
54)	o-Xylene	12.160	106	19514	2.248	ug/L		98
55)	Styrene	12.178	104	31730	2.169	ug/L		100
57)	1,1,2,2-Tetrachloroethane	12.715	83	9181	2.253	ug/L		95
59)	Bromoform	12.349	173	4316	2.137	ug/L		98
60)	Isopropylbenzene	12.459	105	53771	2.293	ug/L		98
61)	1,2,3-Trichloropropane	12.763	75	6508	2.365	ug/L		95
62)	1,3,5-Trimethylbenzene	12.940	105	42530	2.287	ug/L		98
63)	1,2,4-Trimethylbenzene	13.245	105	42049	2.294	ug/L		98
64)	1,3-Dichlorobenzene	13.495	146	24739	2.468	ug/L		89
65)	1,4-Dichlorobenzene	13.574	146	25292	2.498	ug/L		94
67)	1,2-Dichlorobenzene	13.861	146	20960	2.368	ug/L		97
68)	1,2-Dibromo-3-chloropr...	14.483	75	1233	2.258	ug/L		85
69)	1,3,5-Trichlorobenzene	14.623	180	16938	2.407	ug/L		97
70)	1,2,4-trichlorobenzene	15.129	180	14309	2.524	ug/L		93
71)	Naphthalene	15.360	128	21886	2.157	ug/L		99
72)	1,2,3-Trichlorobenzene	15.549	180	11310	2.349	ug/L		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027635.D
Acq On : 15 Dec 2023 14:23
Operator : SY/MD
Sample : VSTD2.578
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 15 23:33:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 15 23:32:18 2023
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