Quantitation Report (Qedit)

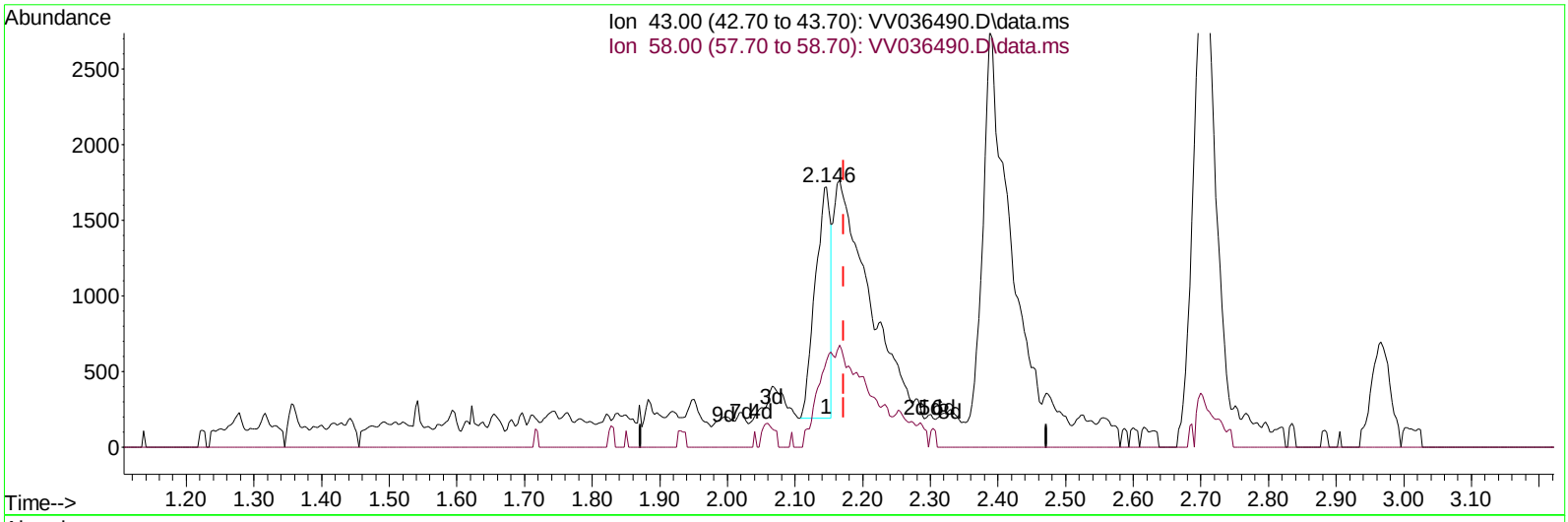
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

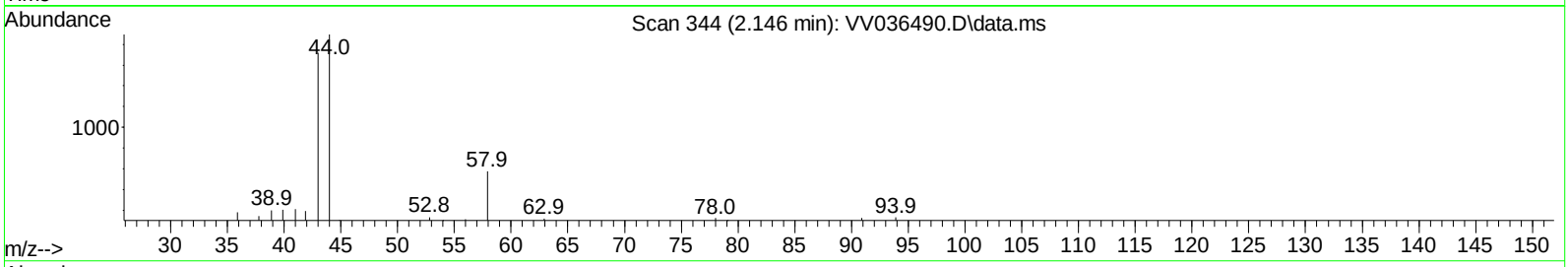
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

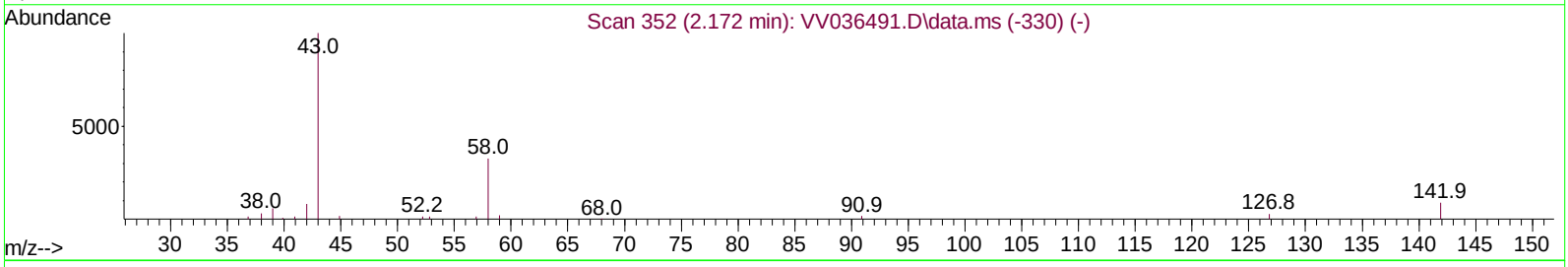
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(13) Acetone (T)

2.146min (-0.026) 2.05 ug/L

response 2392

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.20	33.61#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

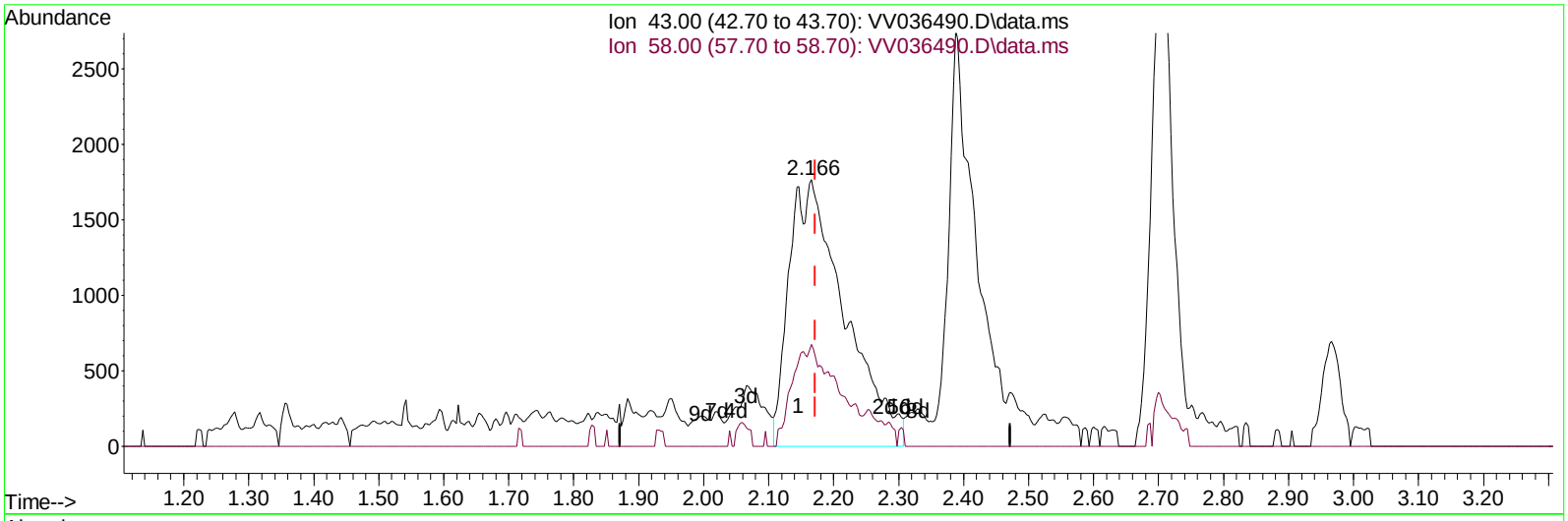
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

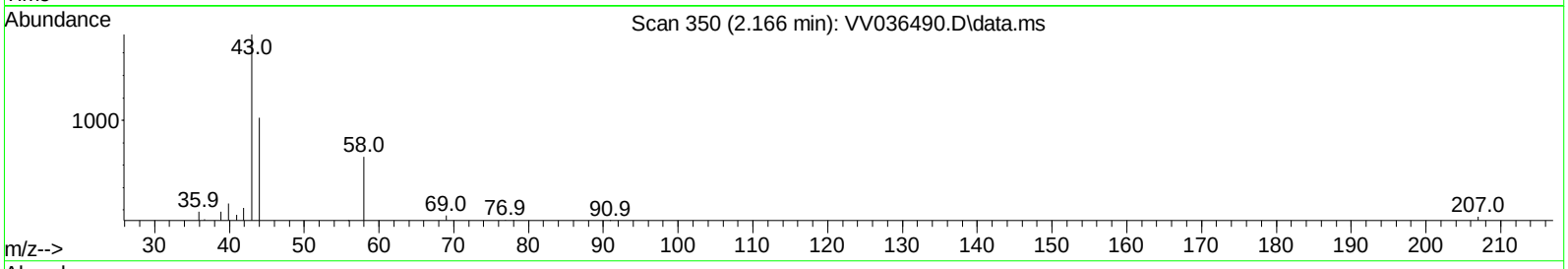
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

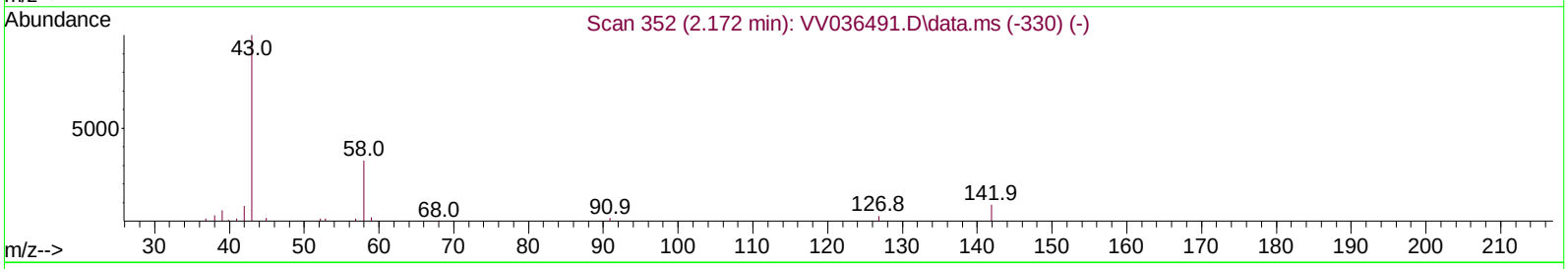
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(13) Acetone (T)

2.166min (-0.006) 9.03 ug/L m

response 10523

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	14.20	7.64
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

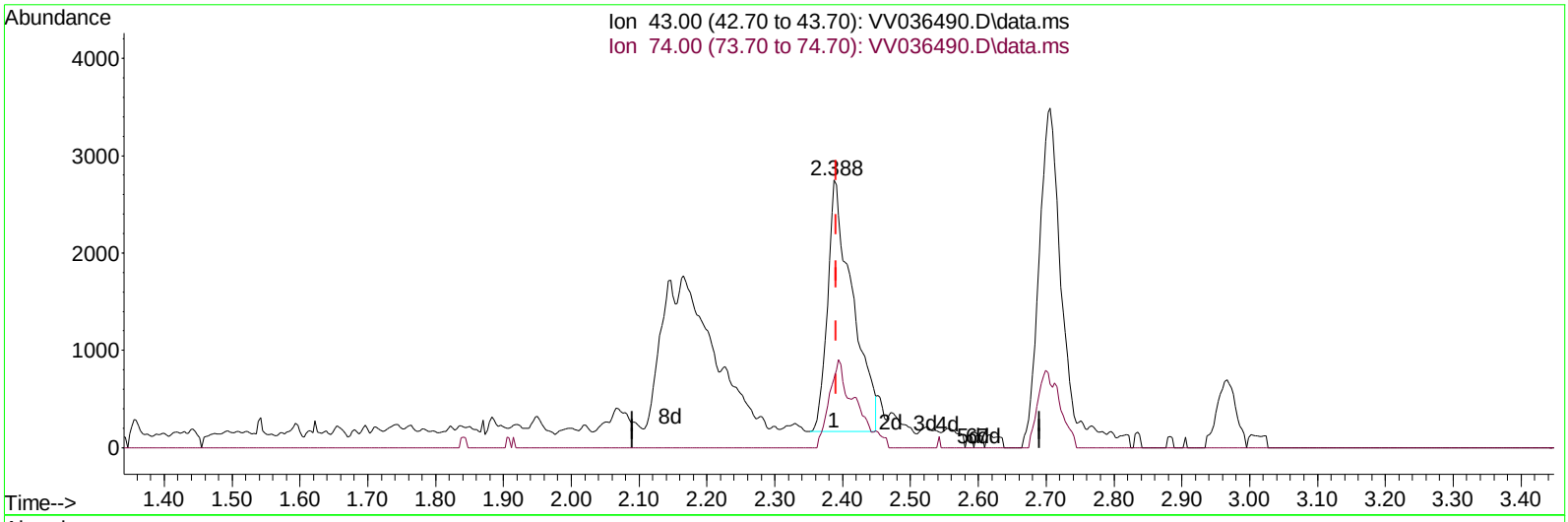
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

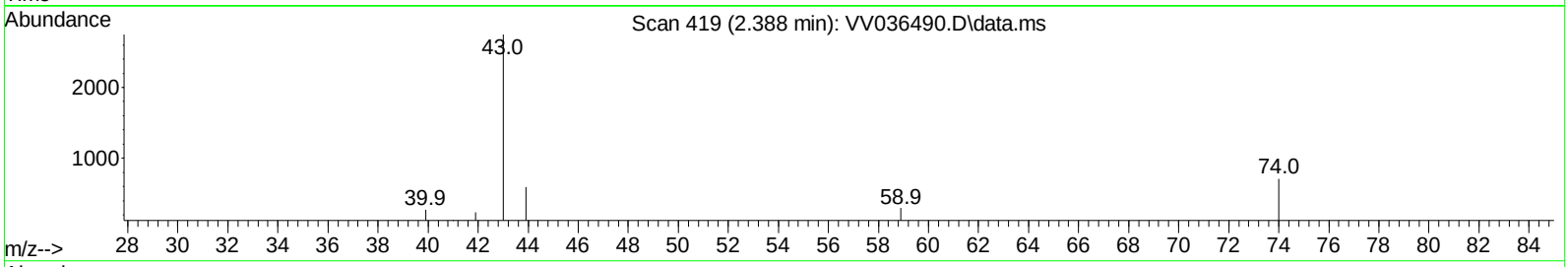
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

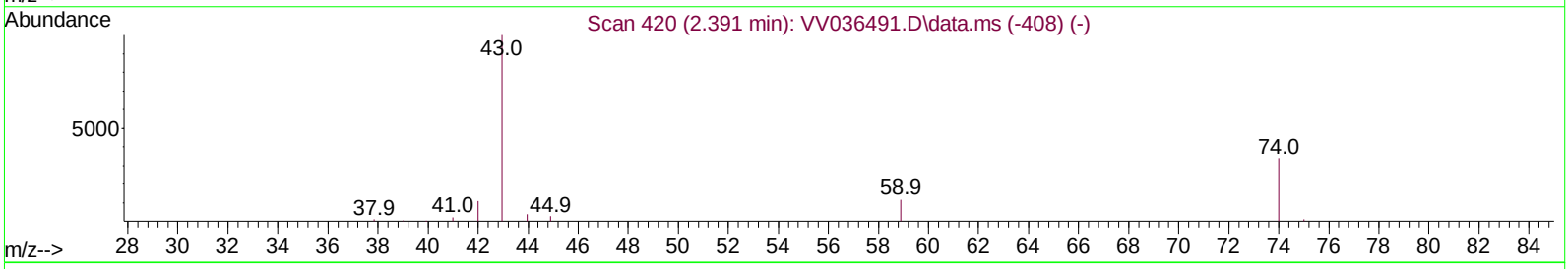
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(15) Methyl Acetate (T)

2.388min (-0.003) 5.04 ug/L

response 6547

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	32.90	24.82#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

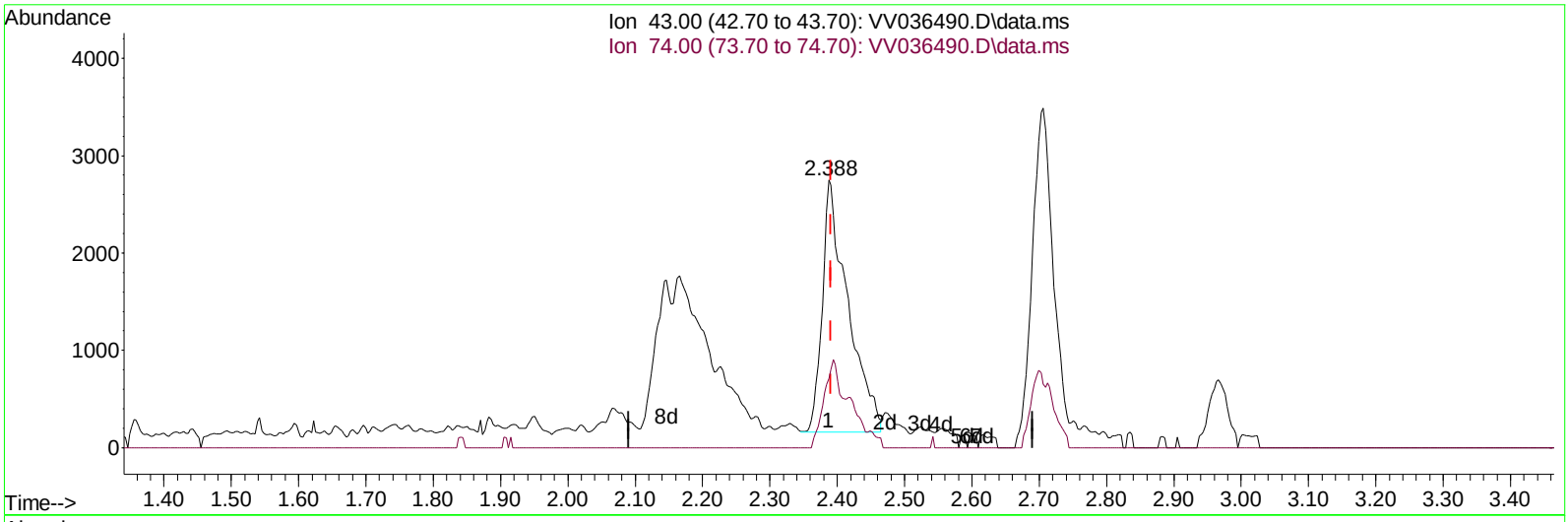
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

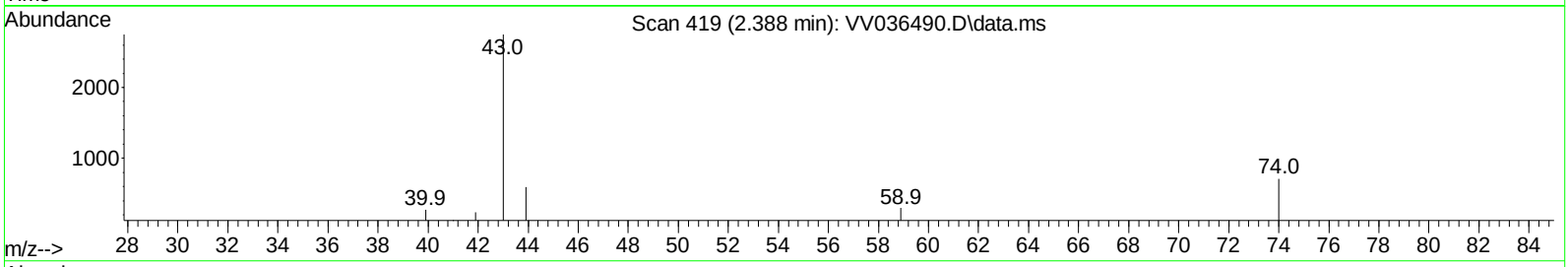
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

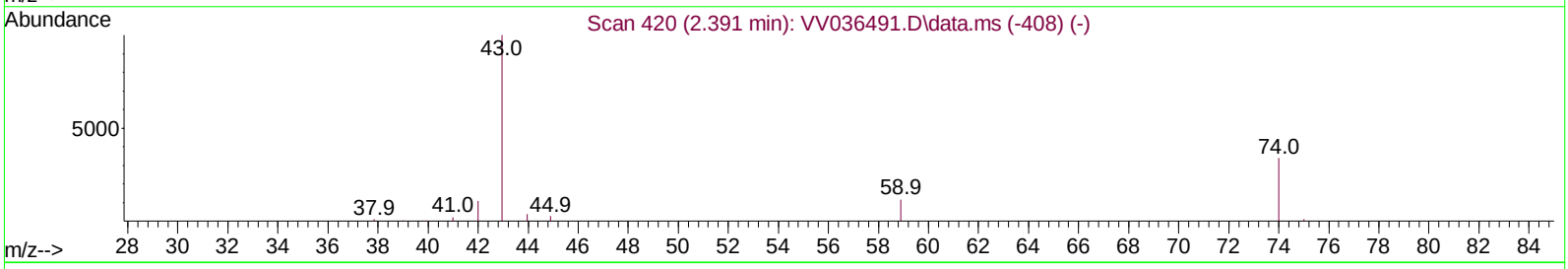
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(15) Methyl Acetate (T)

2.388min (-0.003) 5.26 ug/L m

response 6830

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	32.90	23.79#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

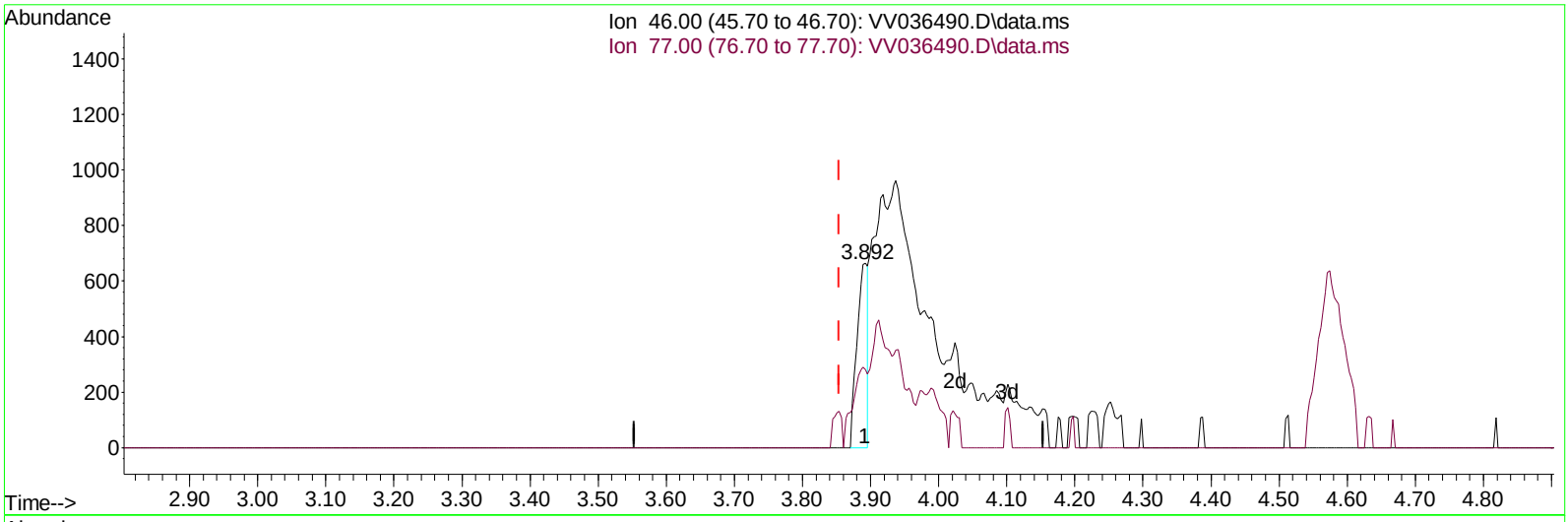
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

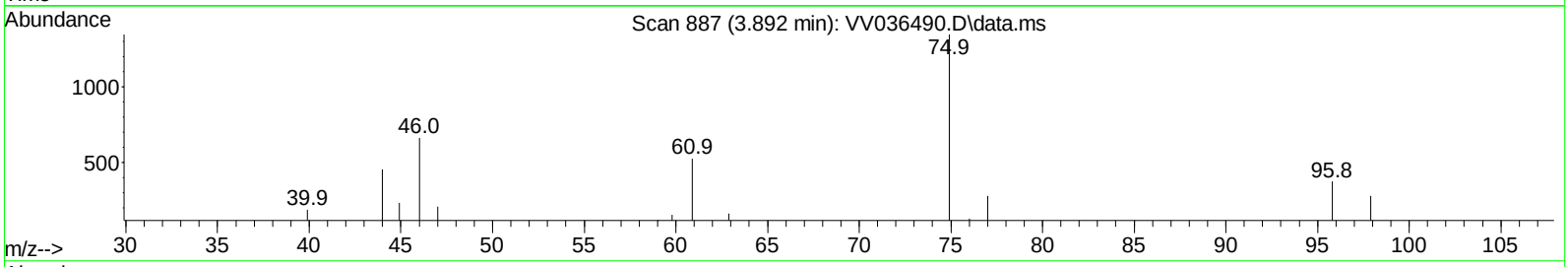
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

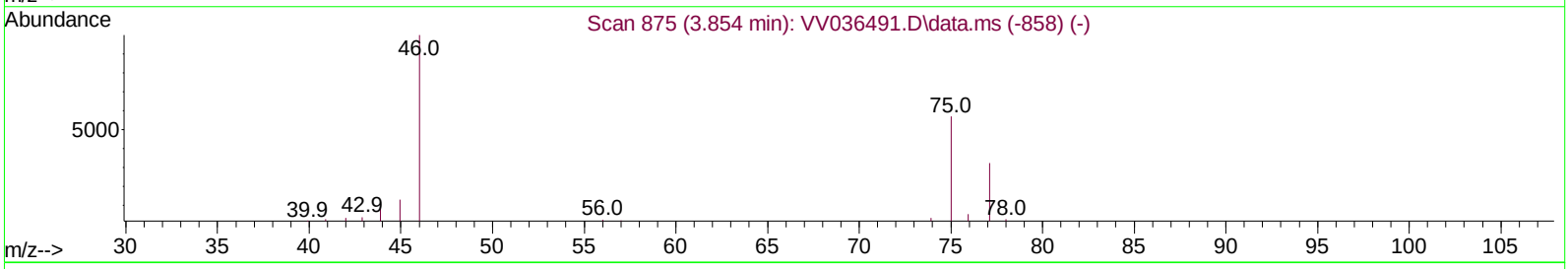
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.039) 1.06 ug/L

response 736

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	59.65#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

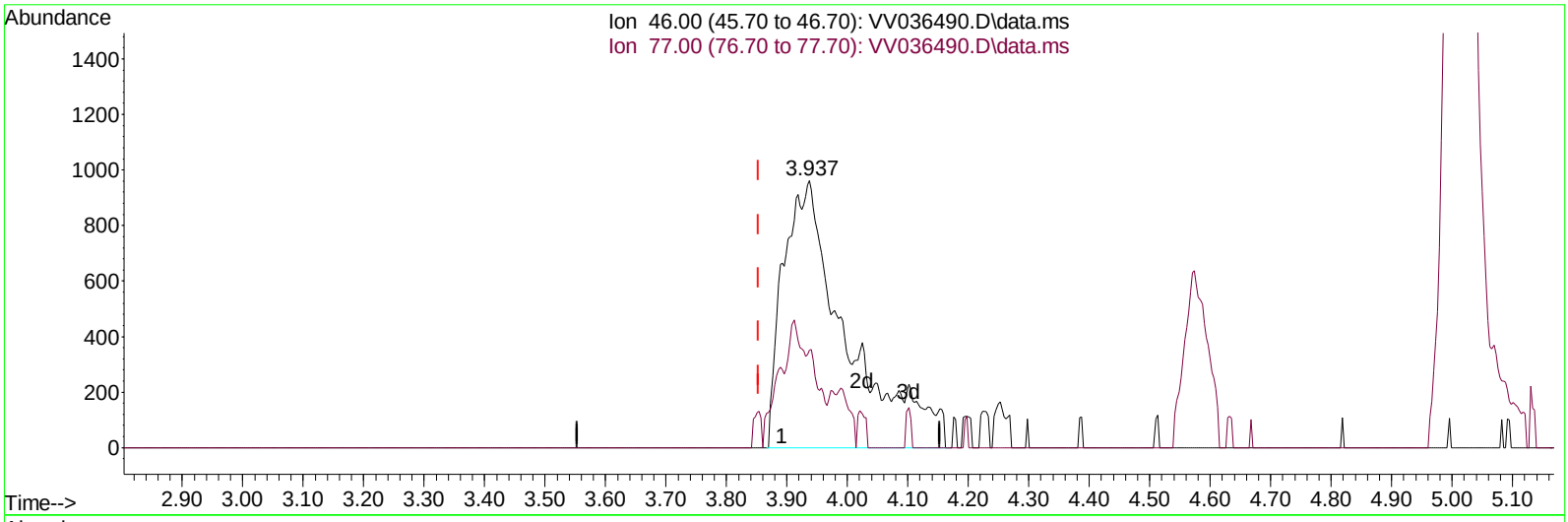
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

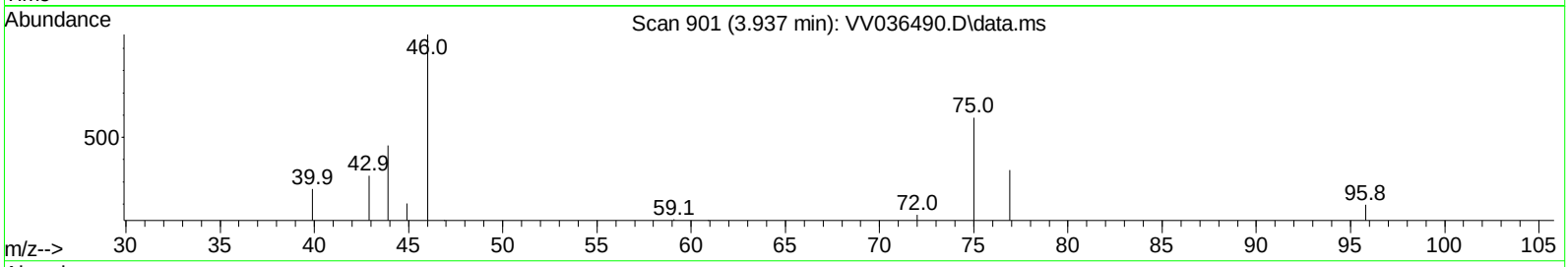
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

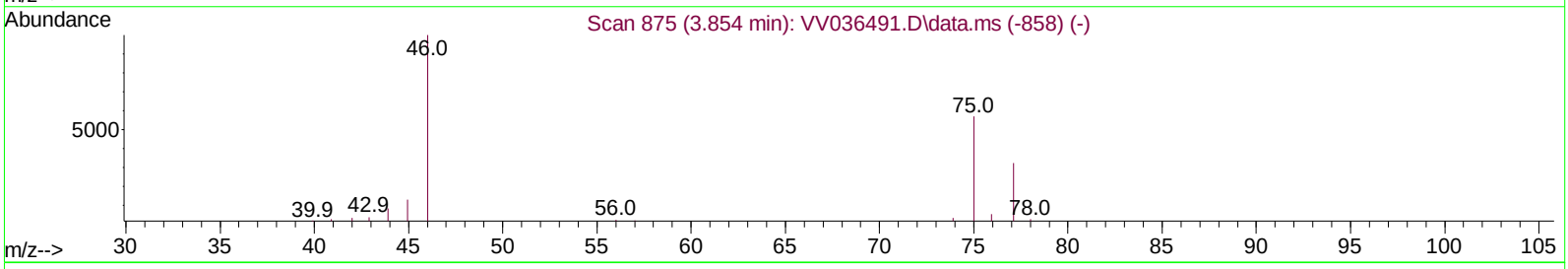
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(21) 2-Butanone-d5 (S)

3.937min (+ 0.084) 10.06 ug/L m

response 6977

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	6.29#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

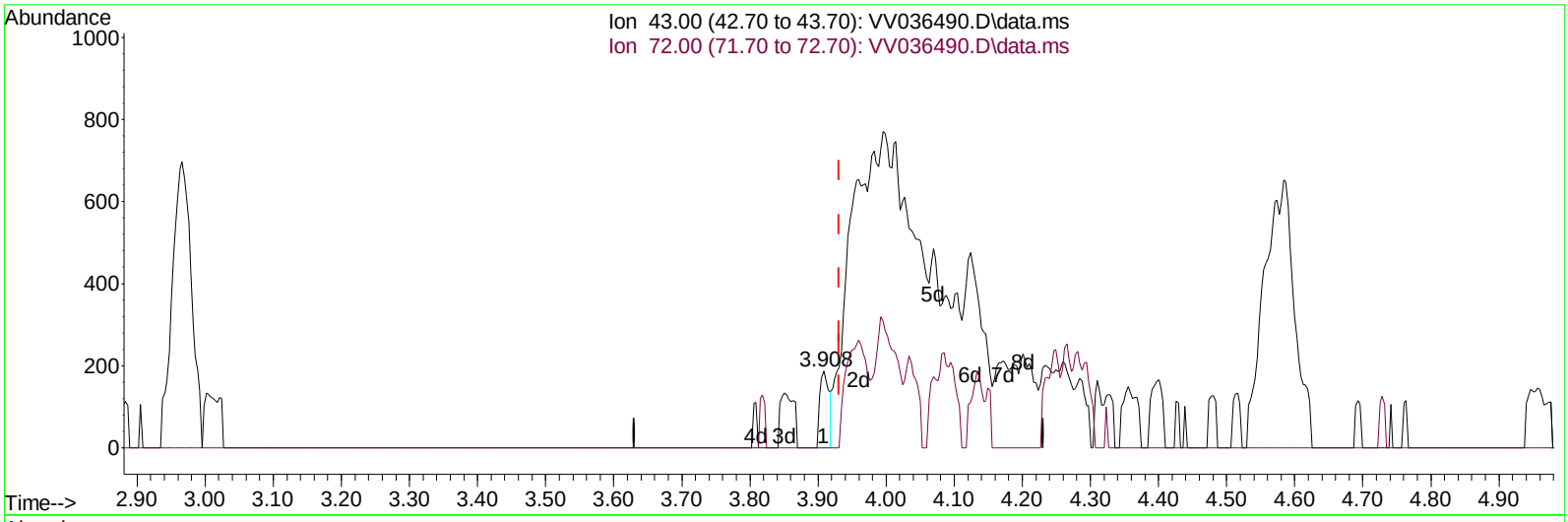
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

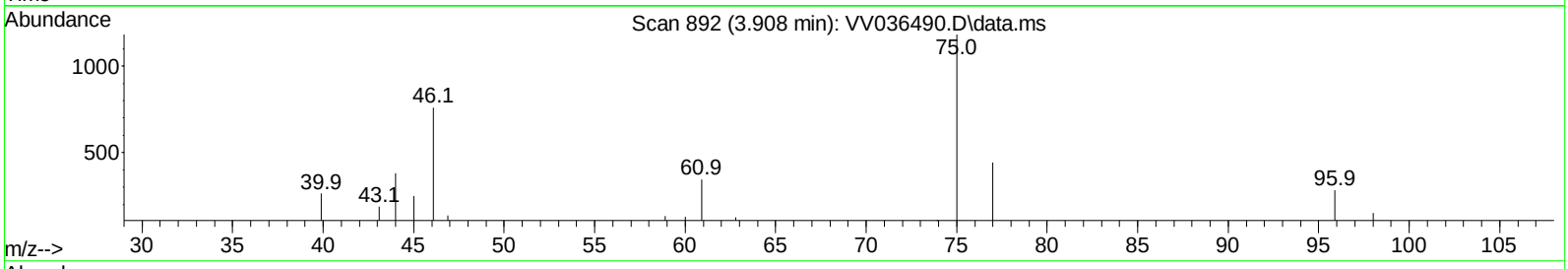
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

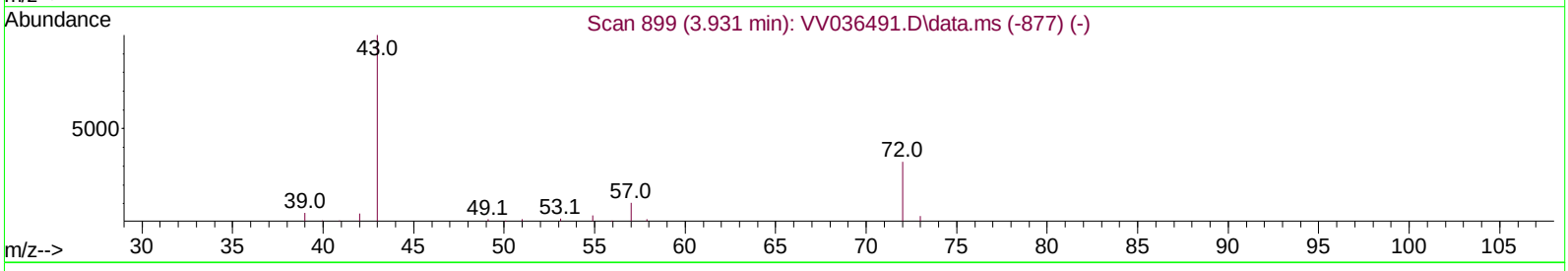
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(22) 2-Butanone (T)

3.908min (-0.022) 0.23 ug/L

response 178

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

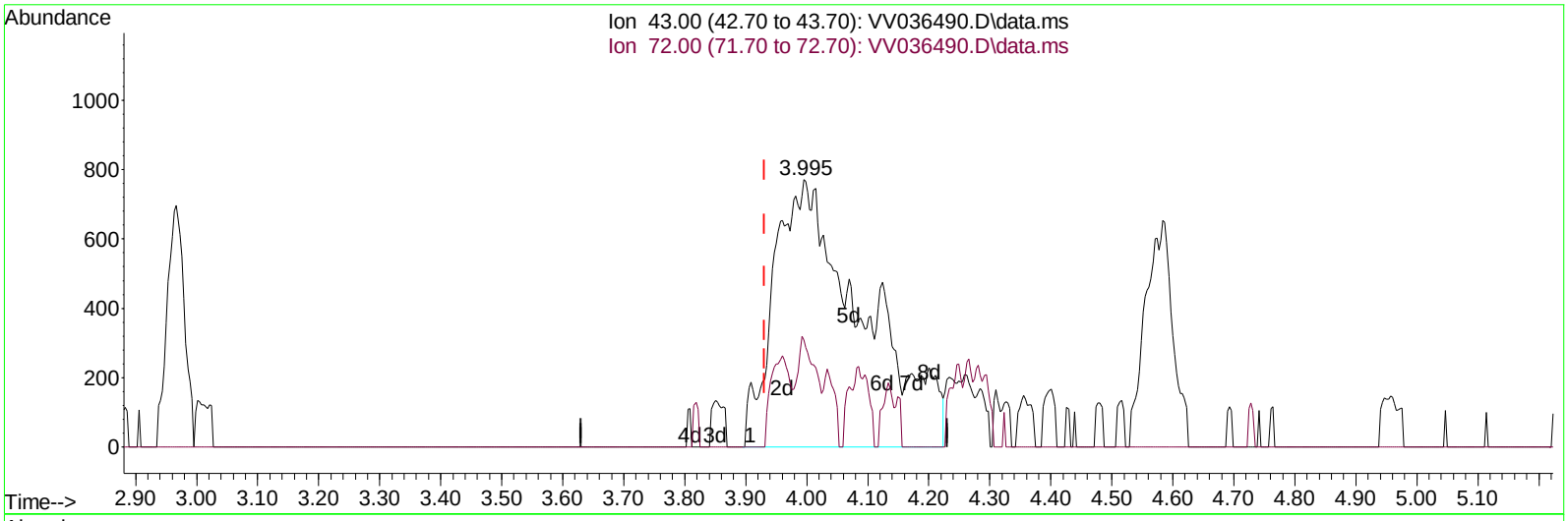
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

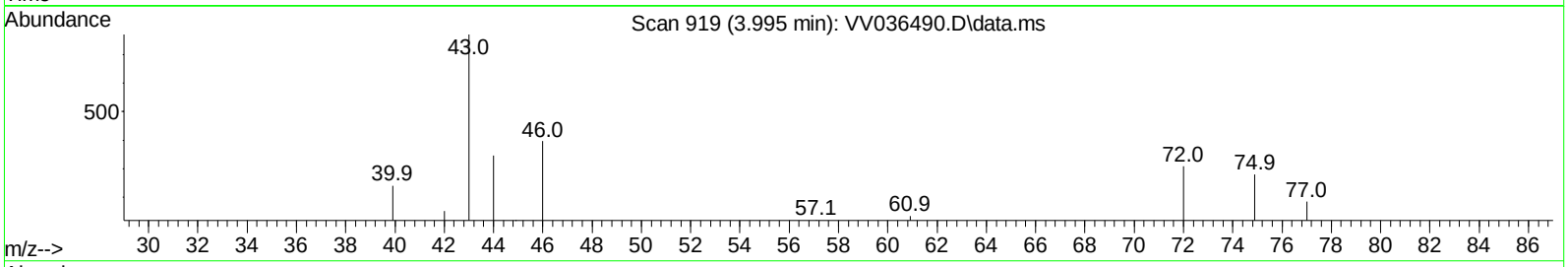
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

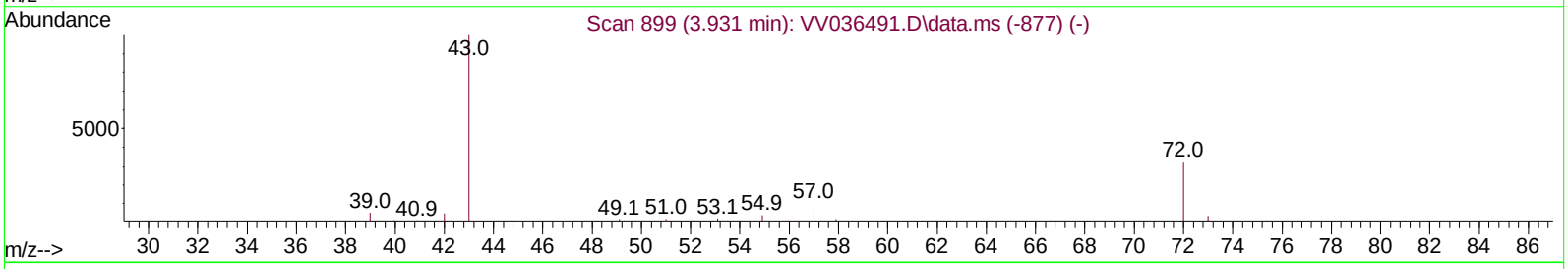
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(22) 2-Butanone (T)

3.995min (+ 0.064) 10.22 ug/L m

response 7776

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	11.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

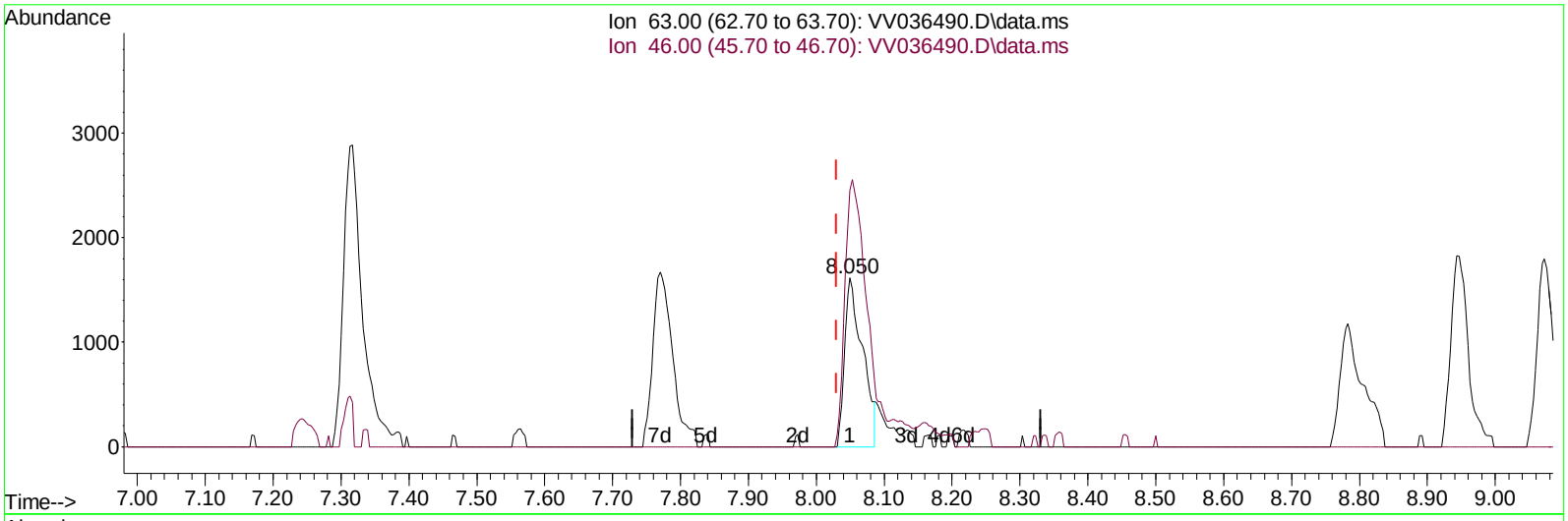
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

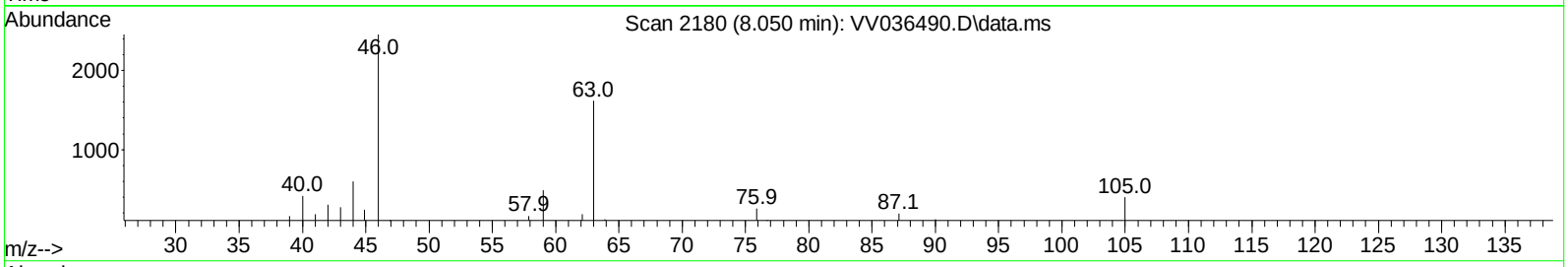
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

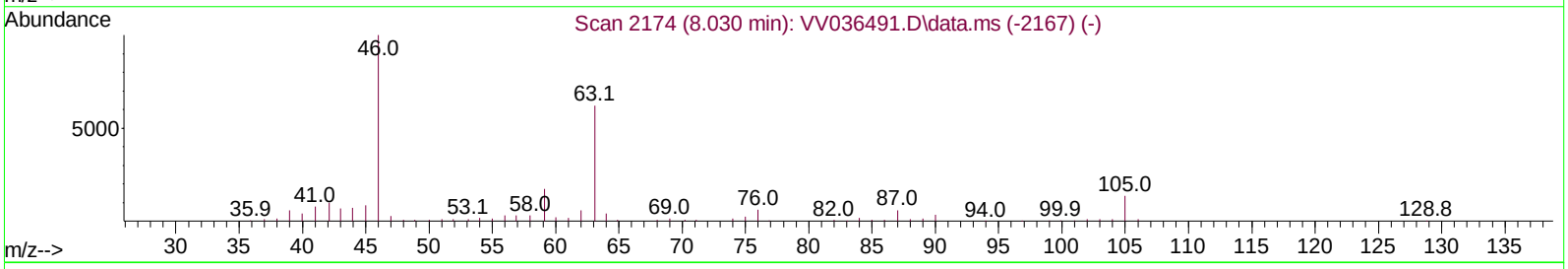
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(47) 2-Hexanone-d5 (S)

8.050min (+ 0.019) 5.88 ug/L

response 2945

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	169.70	184.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

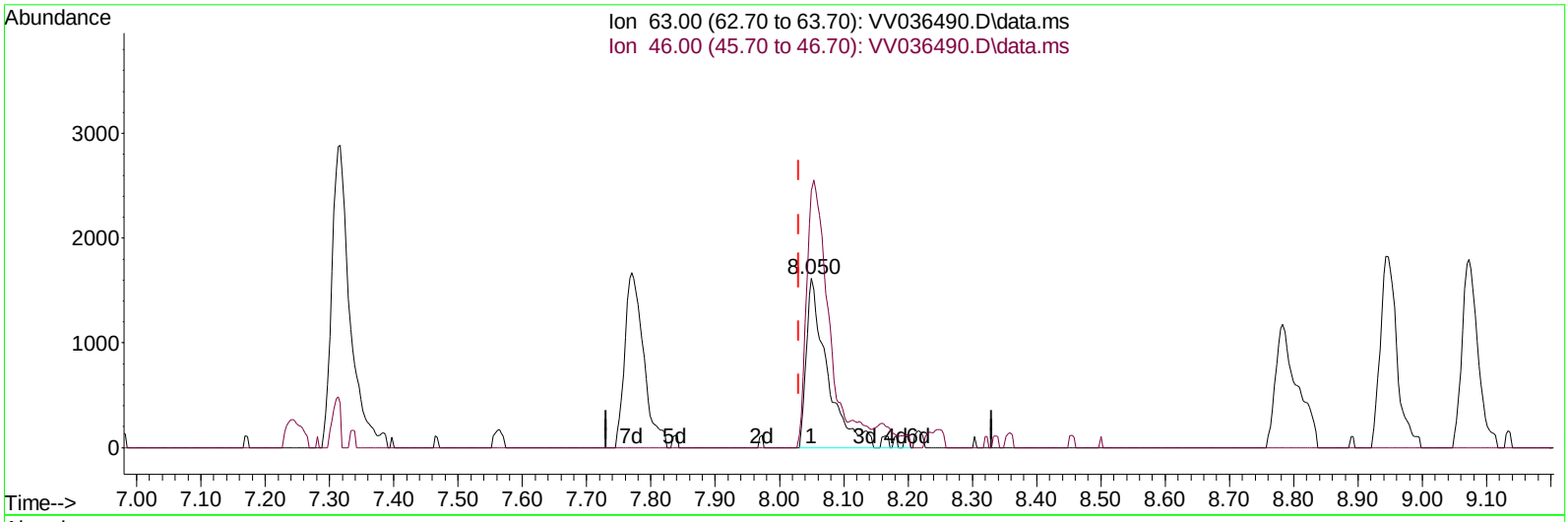
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

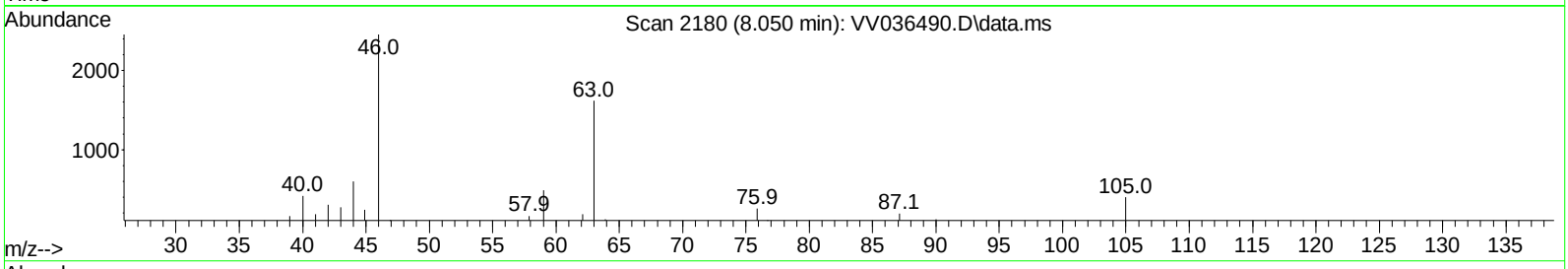
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

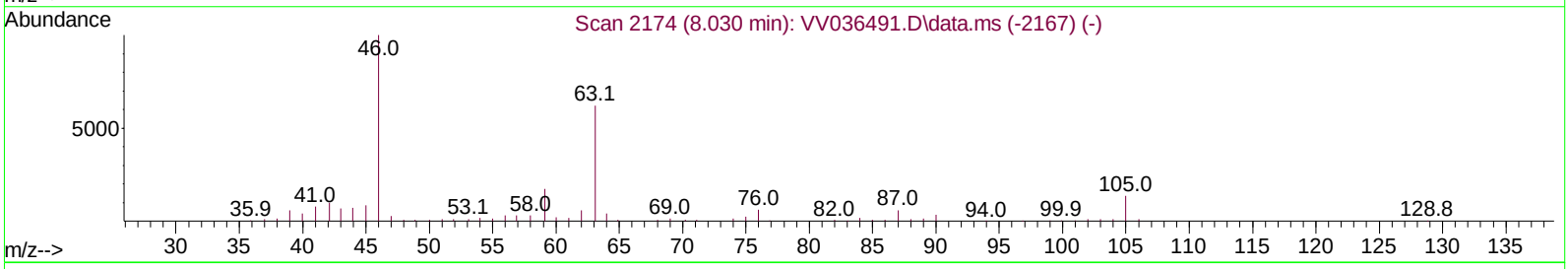
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(47) 2-Hexanone-d5 (S)

8.050min (+ 0.019) 7.63 ug/L m

response 3823

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	169.70	142.45
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

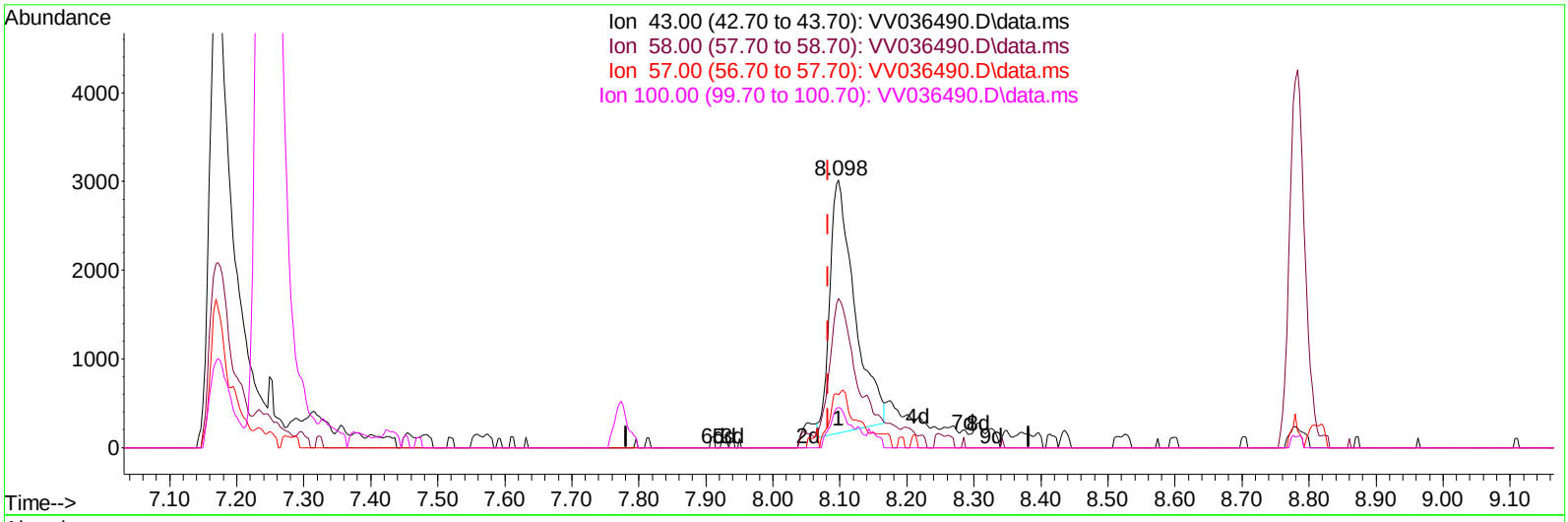
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

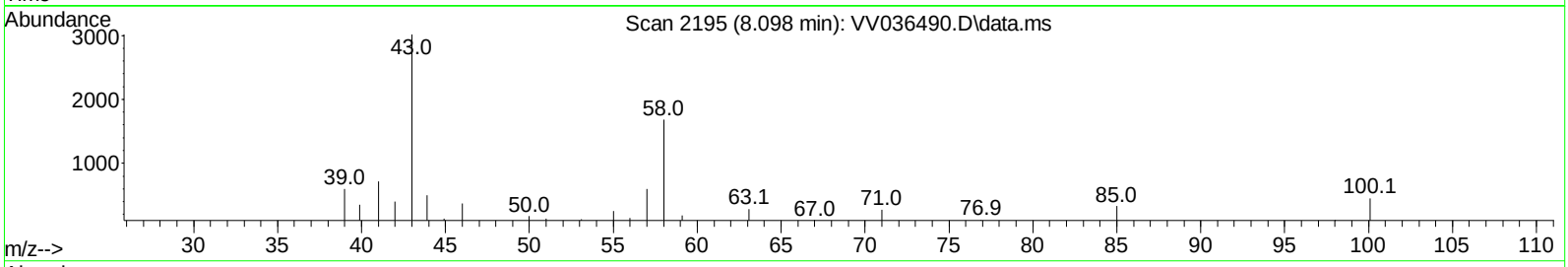
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

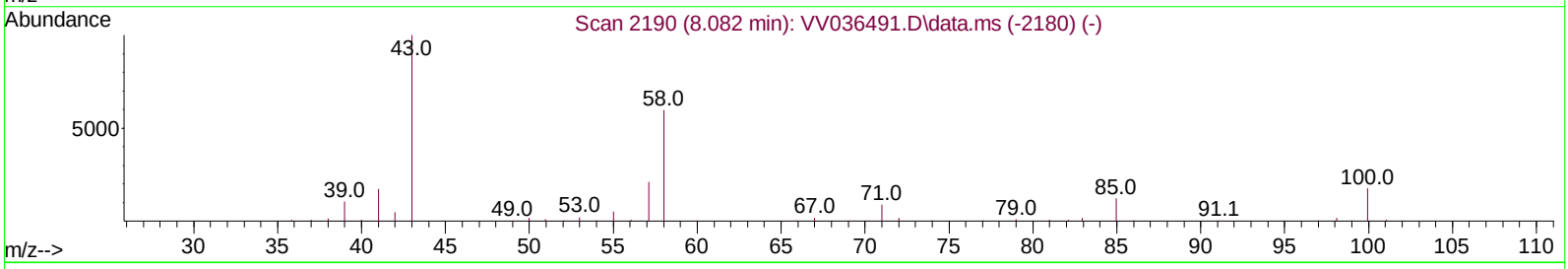
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(48) 2-Hexanone (T)

8.098min (+ 0.016) 5.86 ug/L

response 7343

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	61.90	48.77#
57.00	19.10	8.74#
100.00	16.10	12.32#

Quantitation Report (Qedit)

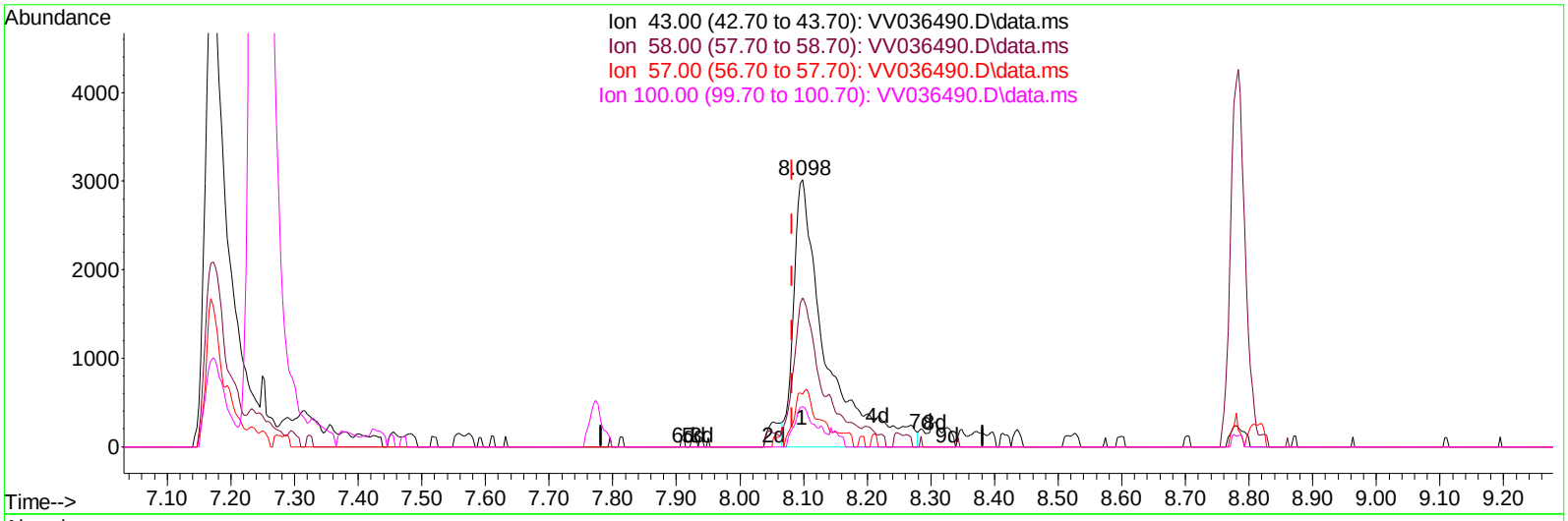
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

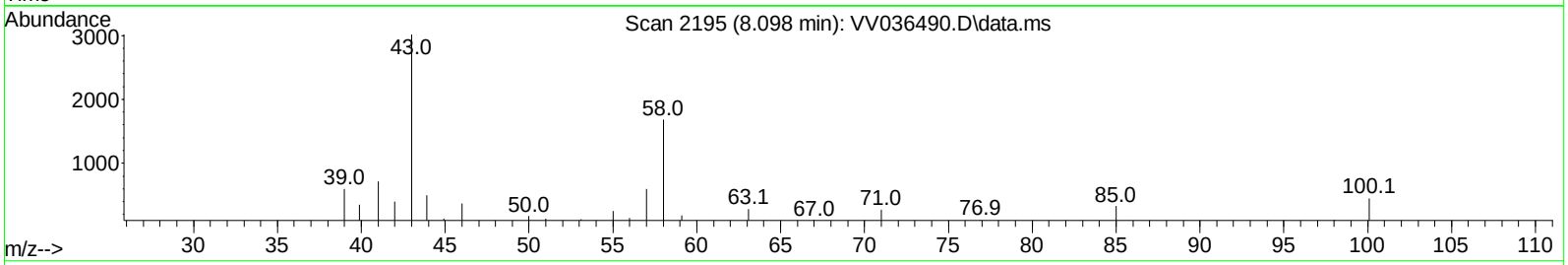
Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

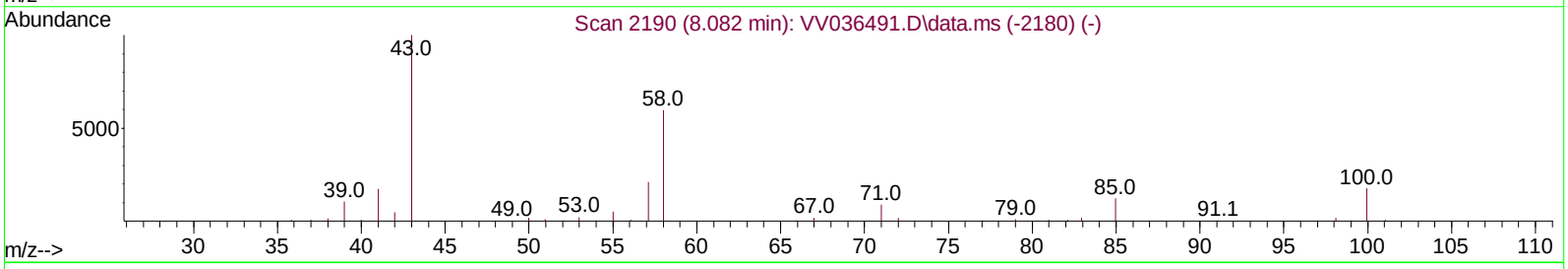
Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024







TIC: VV036490.D\data.ms

(48) 2-Hexanone (T)

8.098min (+ 0.016) 8.44 ug/L m

response 10581

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	61.90	33.84#
57.00	19.10	6.07#
100.00	16.10	8.55#

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.532	114	283014	25.000	ug/L		0.00
28) Chlorobenzene-d5	8.783	117	296269	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	155996	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.275	65	20183	4.978	ug/L		0.00
7) Chloroethane-d5	1.529	69	17980	5.072	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.053	65	10669	5.124	ug/L		0.00
21) 2-Butanone-d5	3.937	46	6977m	10.056	ug/L		0.08
24) Chloroform-d	4.249	84	42782	5.193	ug/L		0.00
26) 1,2-Dichloroethane-d4	4.947	65	20575	5.036	ug/L		0.00
32) Benzene-d6	4.960	84	71732	4.853	ug/L		0.00
36) 1,2-Dichloropropane-d6	5.992	67	21495	4.383	ug/L		0.00
41) Toluene-d8	7.243	98	60064	4.404	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.564	79	8100	4.423	ug/L		0.01
47) 2-Hexanone-d5	8.050	63	3823m	7.633	ug/L		0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19580	5.278	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	26473	5.001	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.105	85	24052	5.864	ug/L		100
3) Chloromethane	1.211	50	19725	5.993	ug/L		99
5) Vinyl chloride	1.278	62	24122	5.956	ug/L		98
6) Bromomethane	1.484	94	19578	5.991	ug/L		99
8) Chloroethane	1.545	64	16424	5.861	ug/L		98
9) Trichlorofluoromethane	1.709	101	41159	5.725	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	26376	5.442	ug/L		96
12) 1,1-Dichloroethene	2.063	96	23947	5.728	ug/L		86
13) Acetone	2.166	43	10523m	9.025	ug/L		
14) Carbon disulfide	2.233	76	61190	6.518	ug/L		99
15) Methyl Acetate	2.388	43	6830m	5.262	ug/L		
16) Methylene chloride	2.442	84	32831	5.640	ug/L		99
17) trans-1,2-Dichloroethene	2.690	96	20778	5.469	ug/L		99
18) Methyl tert-butyl Ether	2.706	73	39451	4.634	ug/L		98
19) 1,1-Dichloroethane	3.108	63	36276	5.275	ug/L		98
20) cis-1,2-Dichloroethene	3.818	96	19668	4.899	ug/L		98
22) 2-Butanone	3.995	43	7776m	10.217	ug/L		
23) Bromochloromethane	4.153	128	12132	5.409	ug/L		99
25) Chloroform	4.275	83	43150	5.284	ug/L		96
27) 1,2-Dichloroethane	5.050	62	23245	5.067	ug/L		99
29) Cyclohexane	4.577	56	17819	4.728	ug/L		97
30) 1,1,1-Trichloroethane	4.506	97	36291	5.269	ug/L		100
31) Carbon tetrachloride	4.728	117	32595	5.336	ug/L		100
33) Benzene	5.011	78	73944	5.043	ug/L		100
34) Trichloroethene	5.834	95	24127	5.171	ug/L		99
35) Methylcyclohexane	6.043	83	25830	4.851	ug/L		95
37) 1,2-Dichloropropane	6.095	63	18038	4.875	ug/L	#	95
38) Bromodichloromethane	6.436	83	29563	5.042	ug/L	#	99
39) cis-1,3-Dichloropropene	6.960	75	25216	4.419	ug/L		99
40) 4-Methyl-2-pentanone	7.172	43	13273	8.304	ug/L		94
42) Toluene	7.317	91	72723	4.681	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	7.587	75	21877	4.300	ug/L		99
45) 1,1,2-Trichloroethane	7.773	97	18412	5.050	ug/L		97
46) Tetrachloroethene	7.902	164	20554	5.449	ug/L		99
48) 2-Hexanone	8.098	43	10581m	8.444	ug/L		
49) Dibromochloromethane	8.178	129	22069	5.005	ug/L		95
50) 1,2-Dibromoethane	8.284	107	16659	4.868	ug/L		99
51) Chlorobenzene	8.812	112	58396	5.019	ug/L		99
52) Ethylbenzene	8.947	91	72710	4.363	ug/L		100
53) m,p-Xylene	9.072	106	27286	4.253	ug/L		93
54) o-Xylene	9.477	106	25023	4.096	ug/L		99
55) Styrene	9.497	104	42306	3.897	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.178	83	16704	5.017	ug/L		93
59) Bromoform	9.664	173	14411	5.212	ug/L	#	96
60) Isopropylbenzene	9.863	105	67810	4.351	ug/L		97
61) 1,2,3-Trichloropropane	10.210	75	14698	5.296	ug/L		96
62) 1,3,5-Trimethylbenzene	10.474	105	43284	3.878	ug/L		97
63) 1,2,4-Trimethylbenzene	10.850	105	46443	3.824	ug/L		99
64) 1,3-Dichlorobenzene	11.117	146	45055	4.890	ug/L		99
65) 1,4-Dichlorobenzene	11.207	146	49774	5.031	ug/L		98
67) 1,2-Dichlorobenzene	11.577	146	43475	4.911	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.371	75	3040	5.062	ug/L		89
69) 1,3,5-Trichlorobenzene	12.580	180	34366	4.818	ug/L		98
70) 1,2,4-trichlorobenzene	13.197	180	24648	4.344	ug/L		97
71) Naphthalene	13.439	128	32987	3.871	ug/L		99
72) 1,2,3-Trichlorobenzene	13.677	180	24317	4.530	ug/L		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071124\
Data File : VV036490.D
Acq On : 11 Jul 2024 10:50
Operator : SY/MD
Sample : VSTD00514
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 12 01:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 12 01:09:21 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005214

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024