Quantitation Report (Qedit)

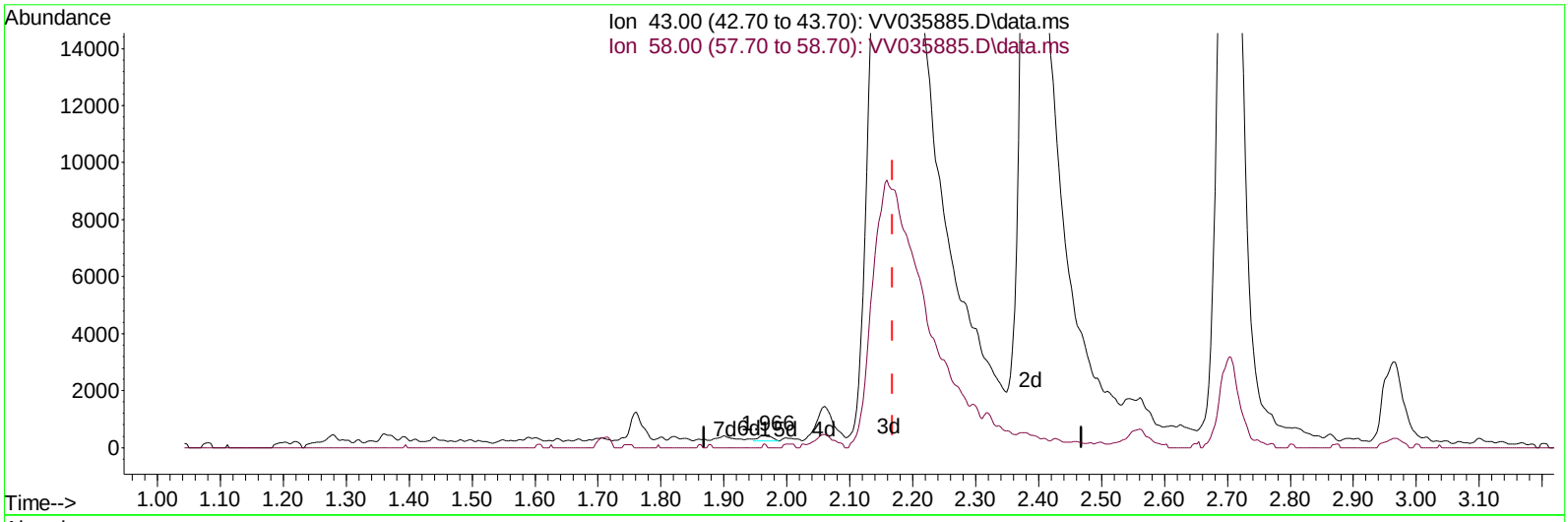
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

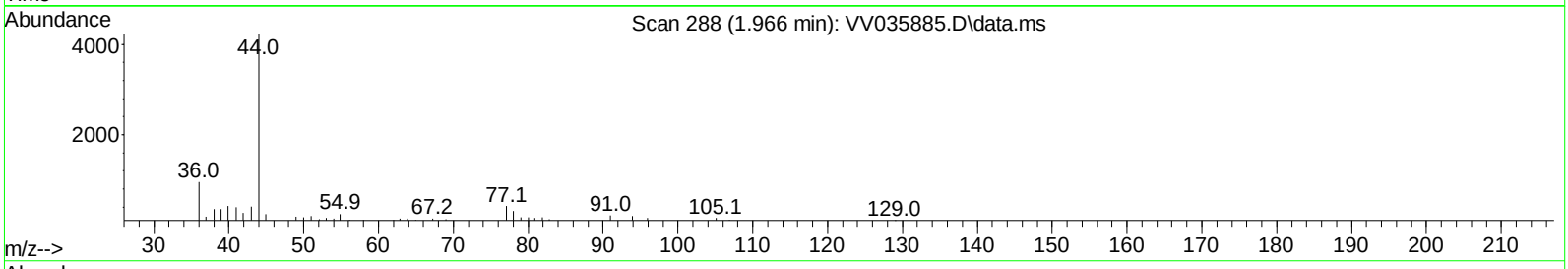
Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

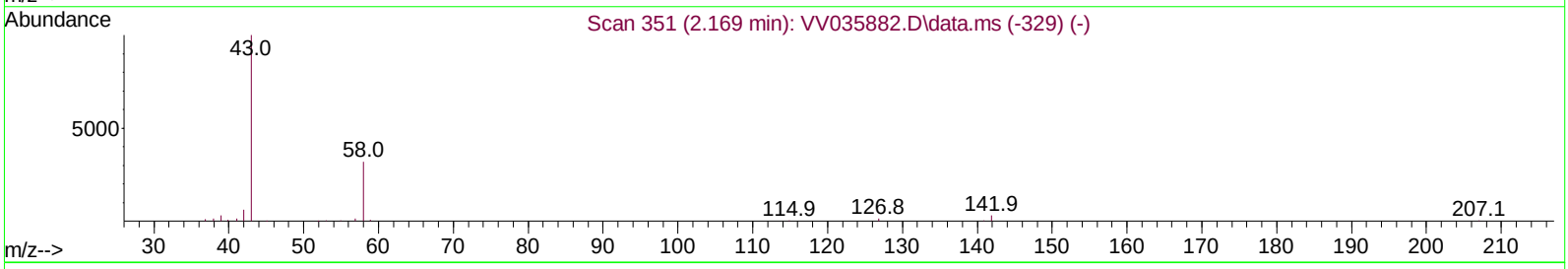
Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024







TIC: VV035885.D\data.ms

(13) Acetone (T)

1.966min (-0.203) 0.08 ug/L

response 270

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	16.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

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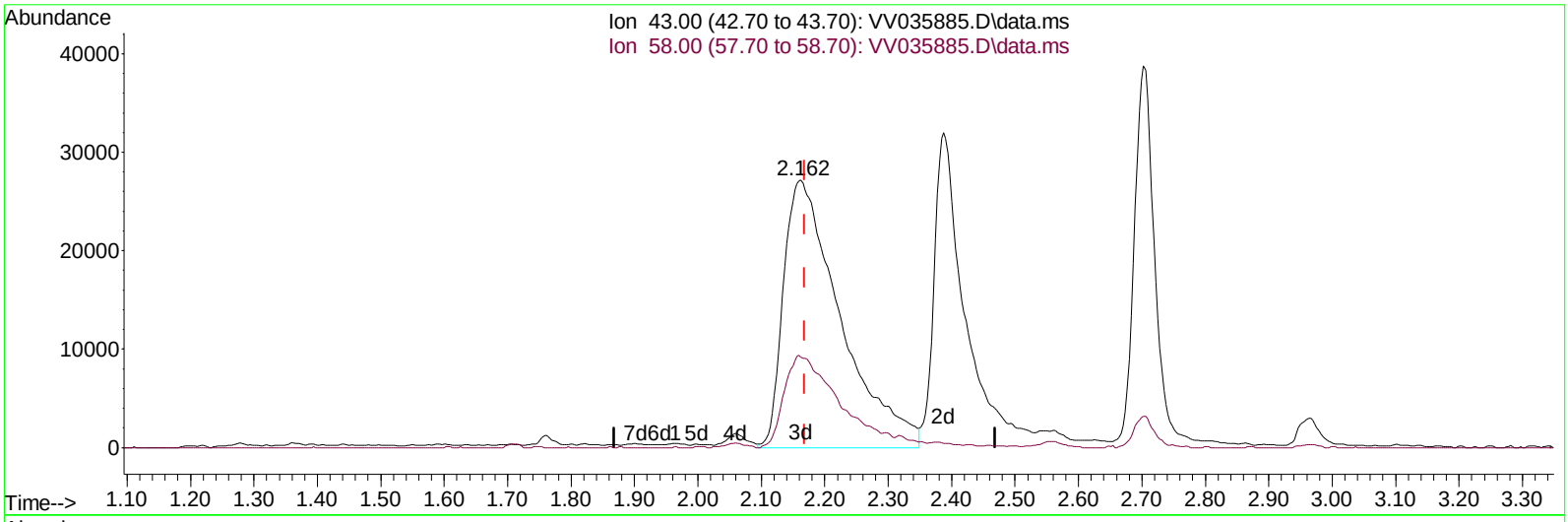

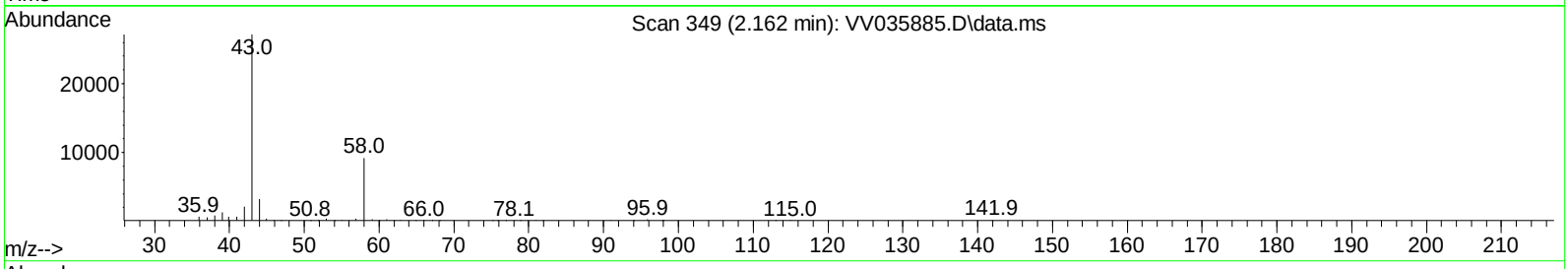

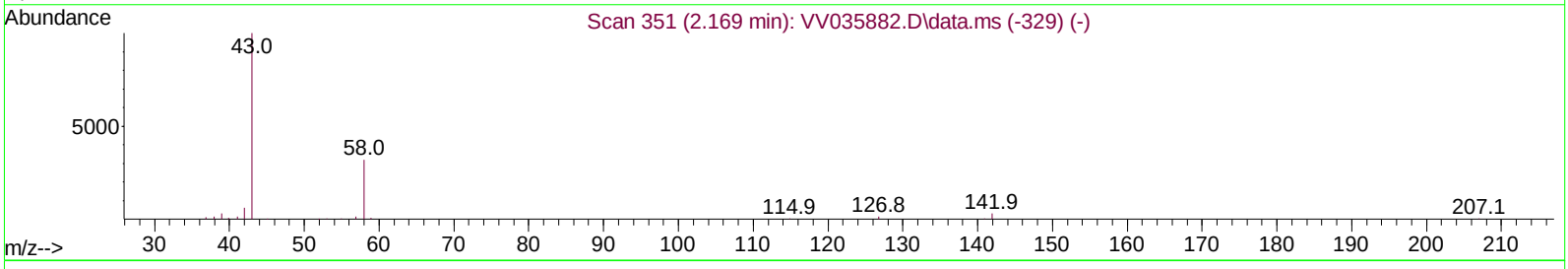

TIC: VV035885.D\data.ms

(13) Acetone (T)

2.162min (-0.006) 47.87 ug/L m

response 169211

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
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Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

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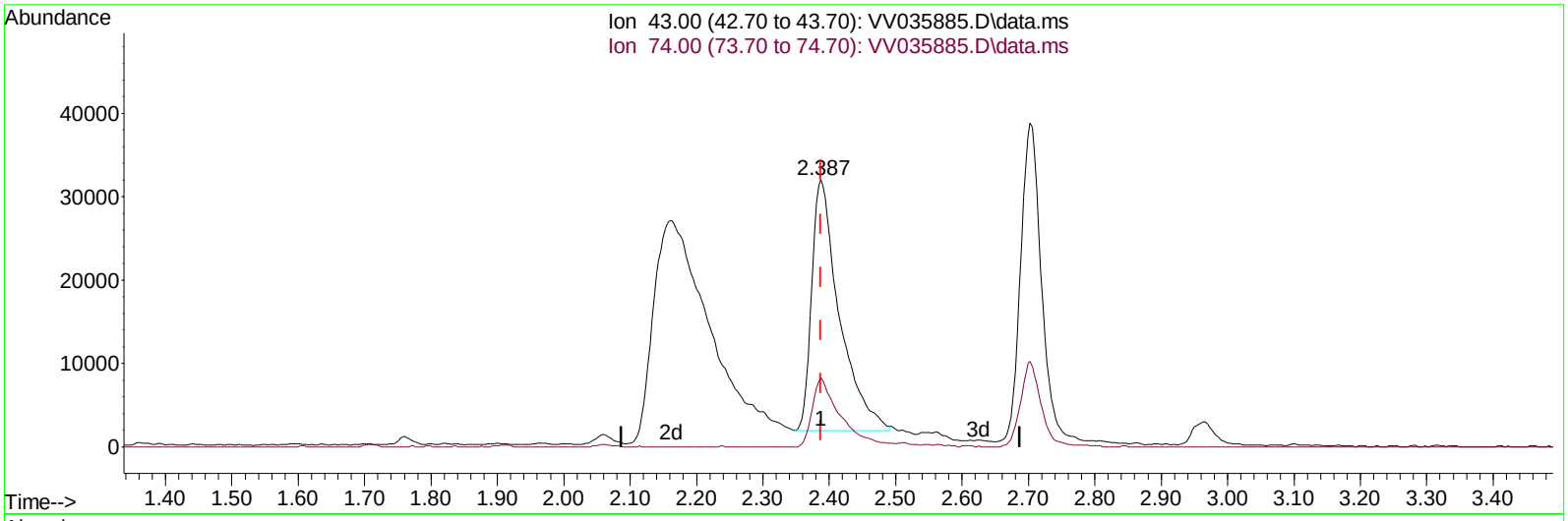

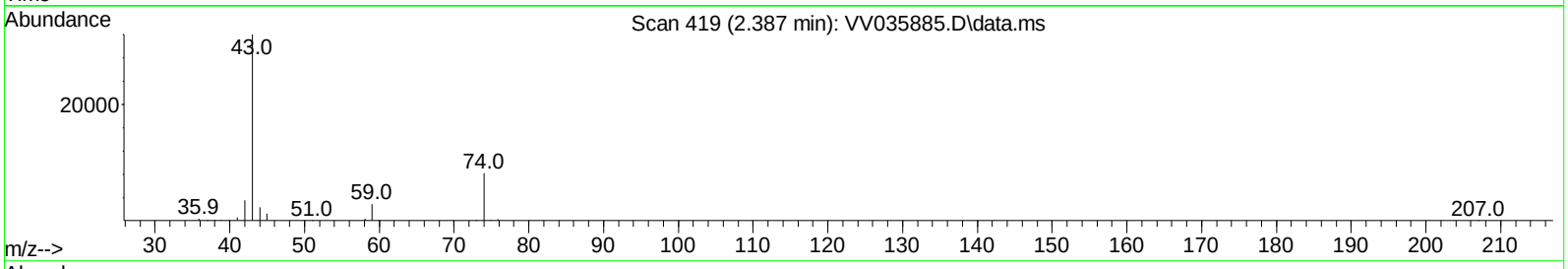

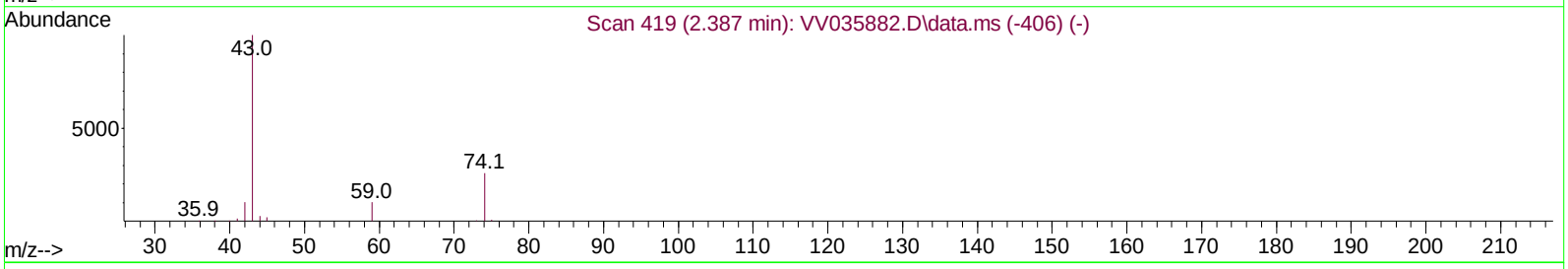

TIC: VV035885.D\data.ms

(15) Methyl Acetate (T)

2.387min (-0.000) 19.80 ug/L

response 86994

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	26.80	27.58
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
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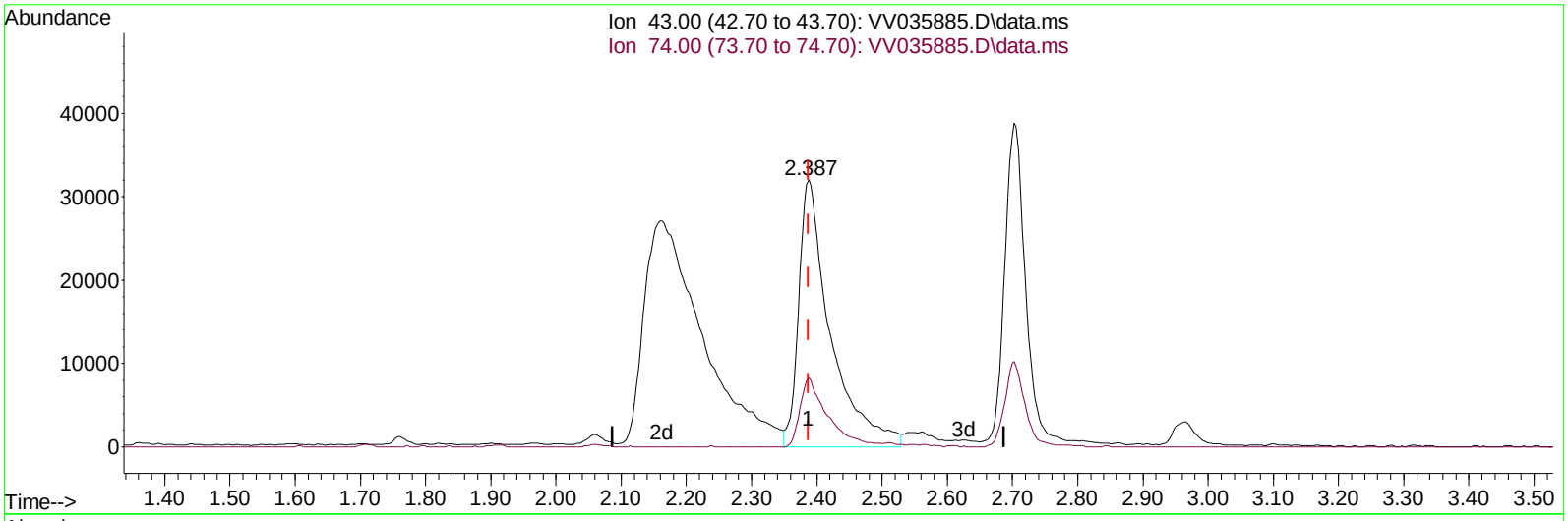

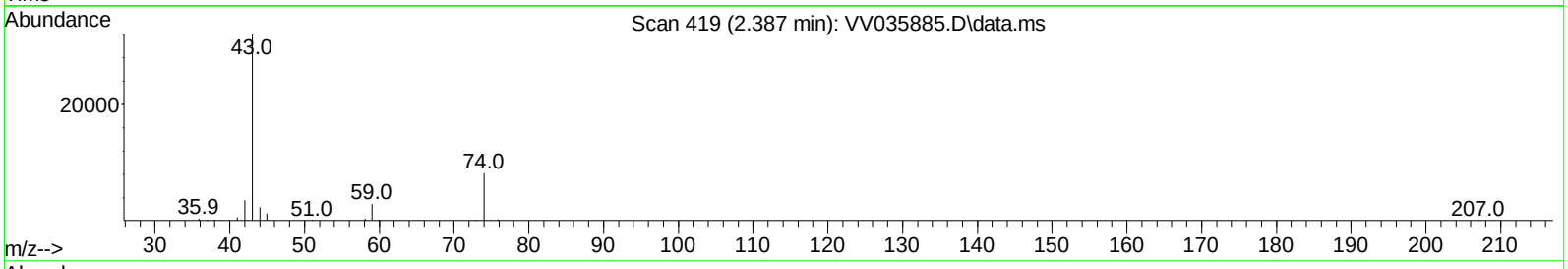

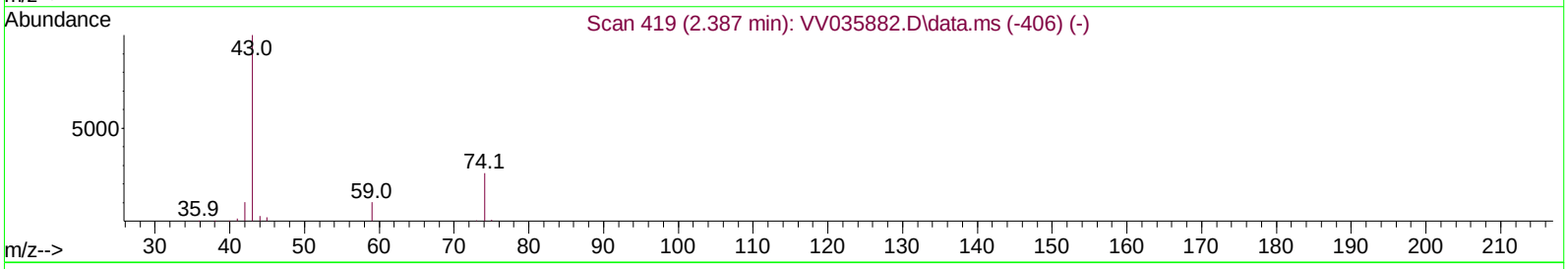

TIC: VV035885.D\data.ms

(15) Methyl Acetate (T)

2.387min (-0.000) 24.57 ug/L m

response 107957

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	26.80	22.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
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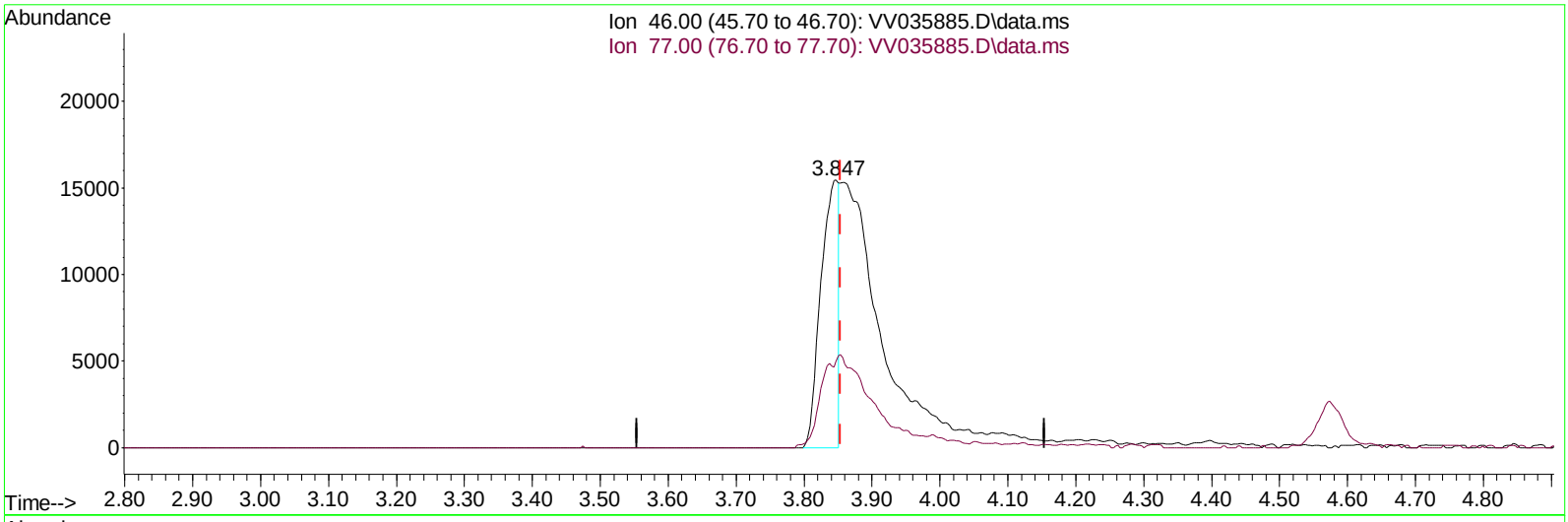

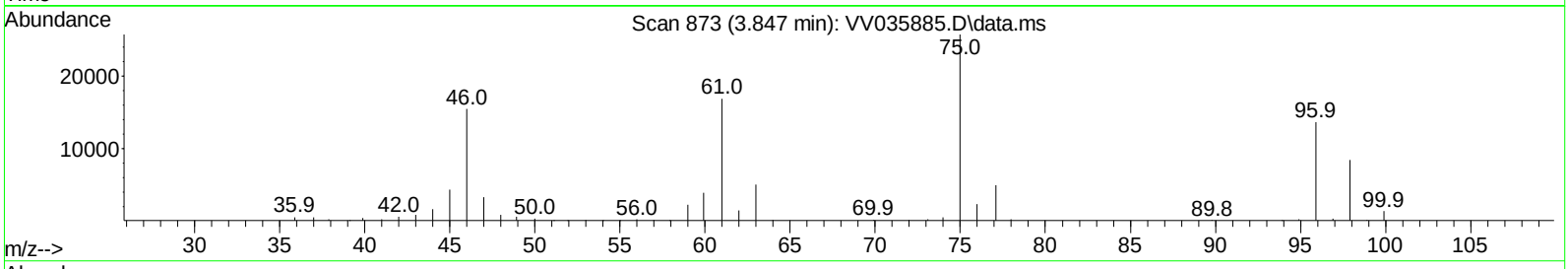

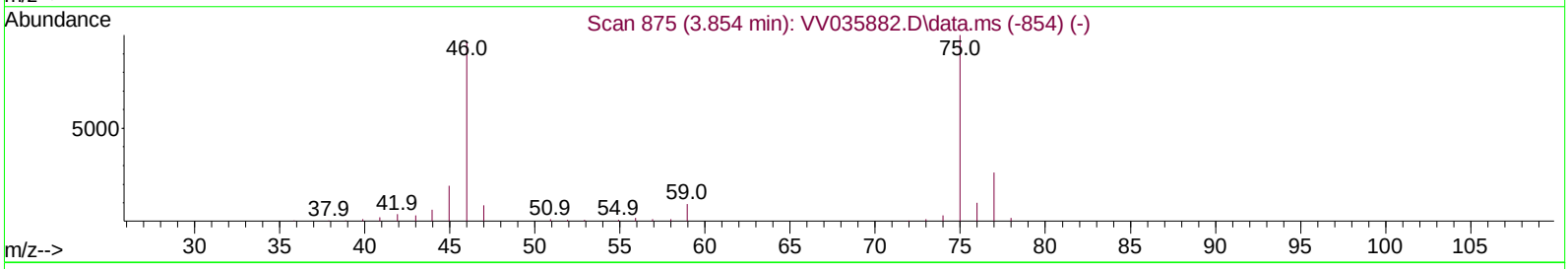

TIC: VV035885.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (-0.007) 12.22 ug/L

response 27733

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	25.44#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
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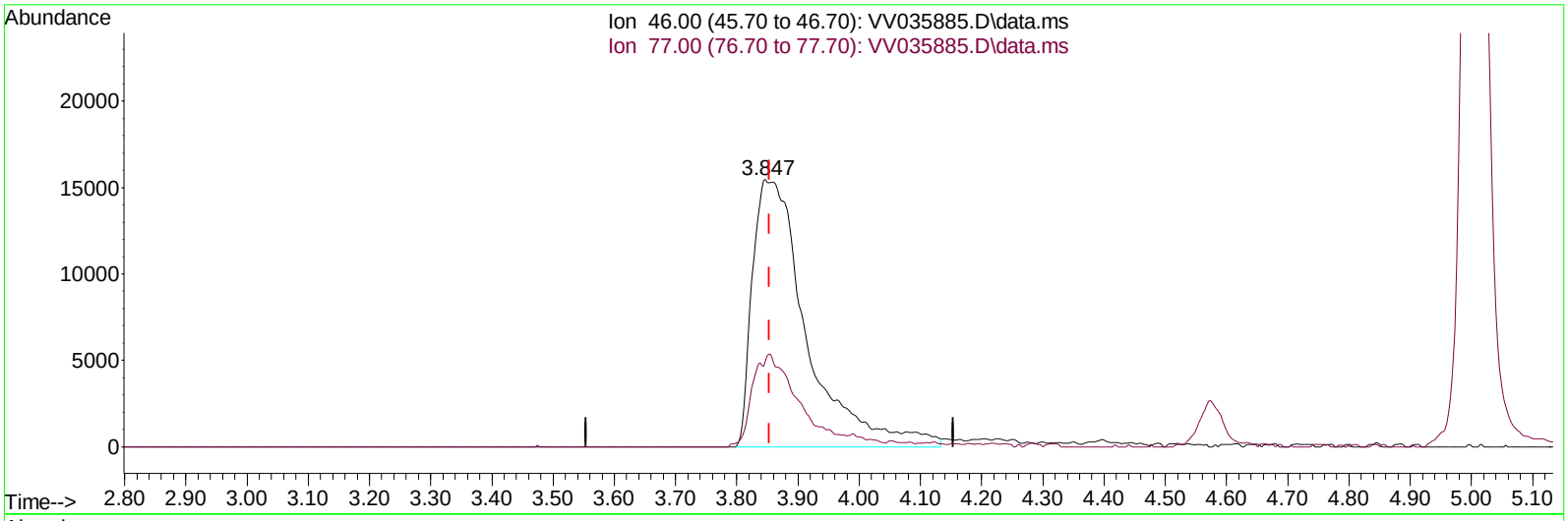
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

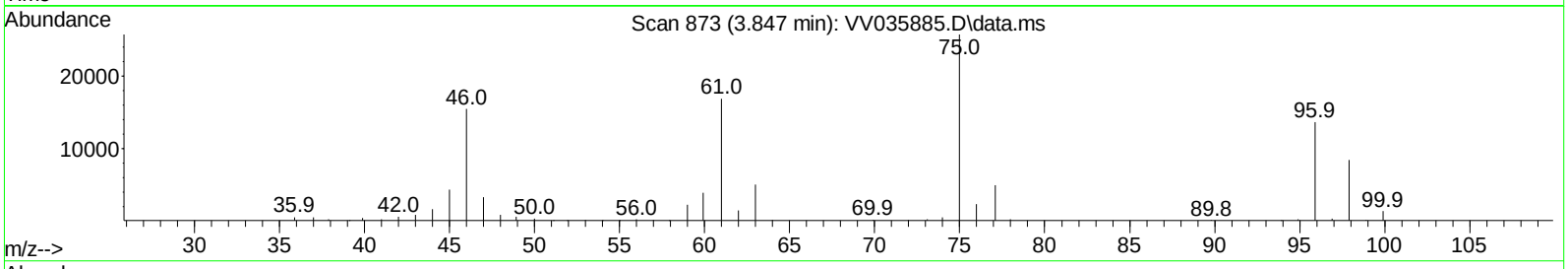
Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

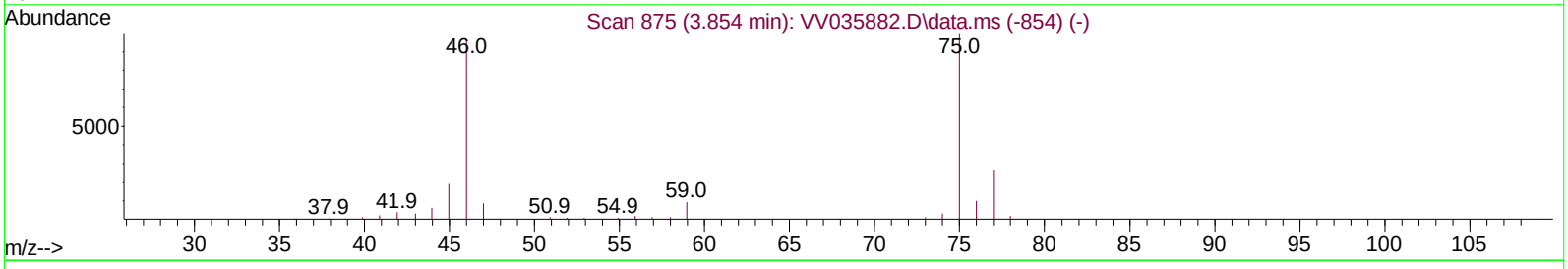
Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024







TIC: VV035885.D\data.ms

(21) 2-Butanone-d5 (S)

3.847min (-0.007) 42.15 ug/L m

response 95643

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	7.38#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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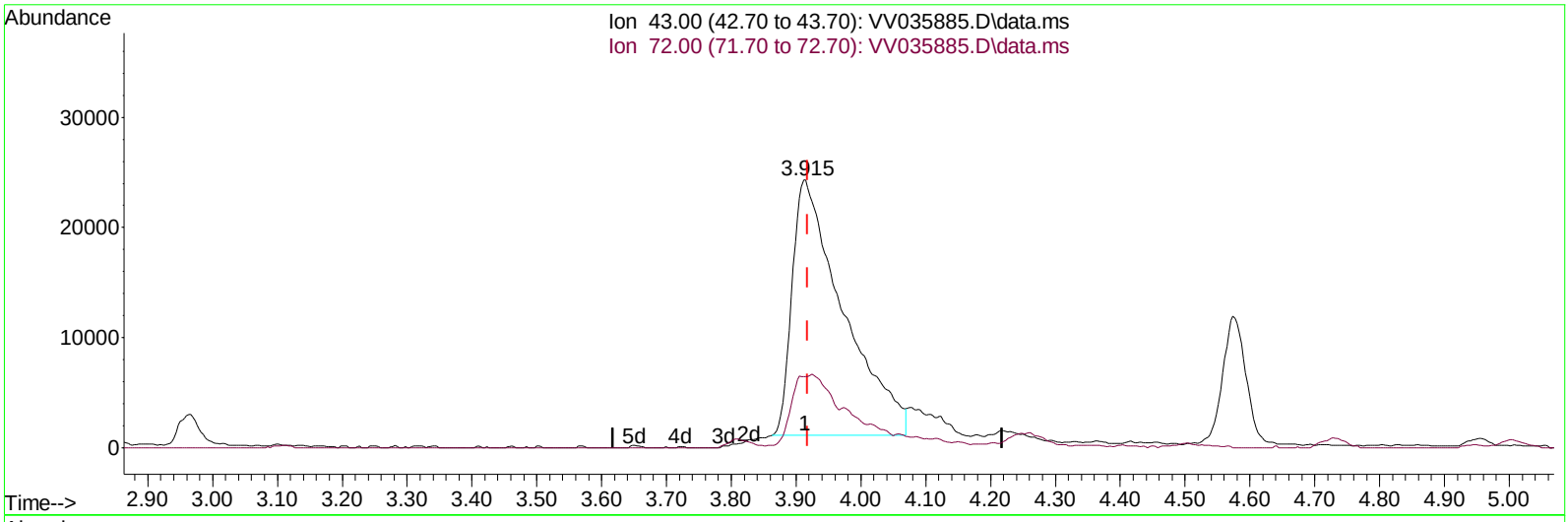

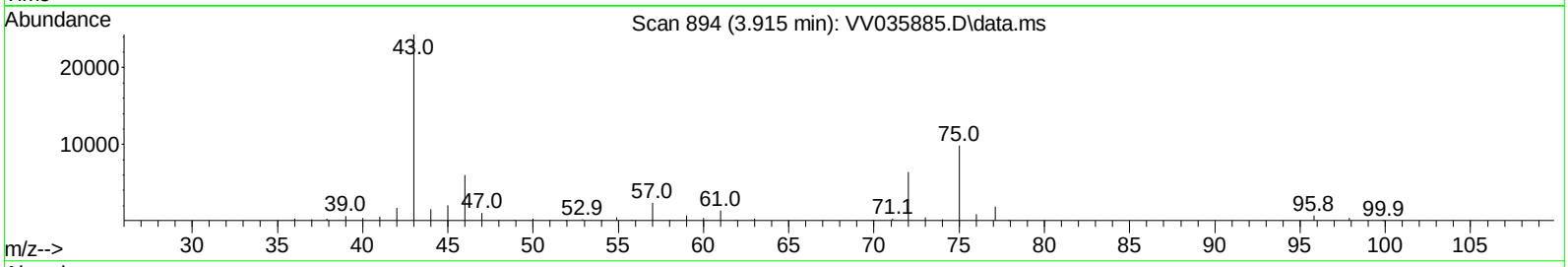

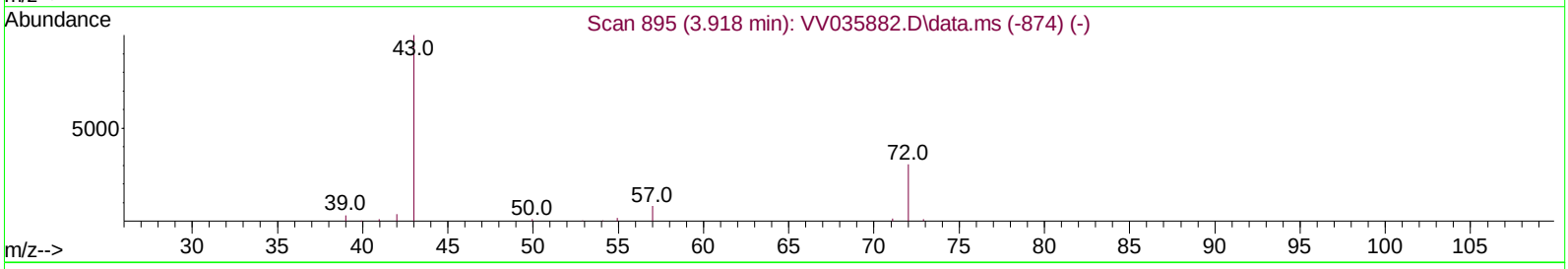

TIC: VV035885.D\data.ms

(22) 2-Butanone (T)

3.915min (-0.003) 42.17 ug/L

response 126480

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	7.15#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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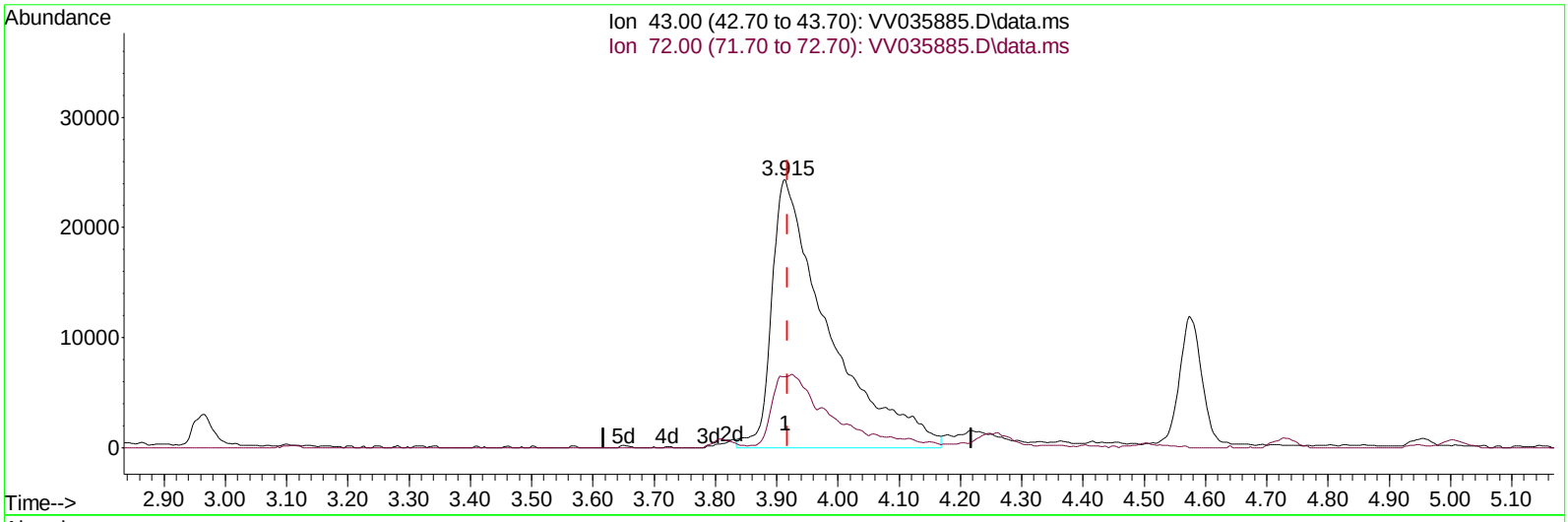

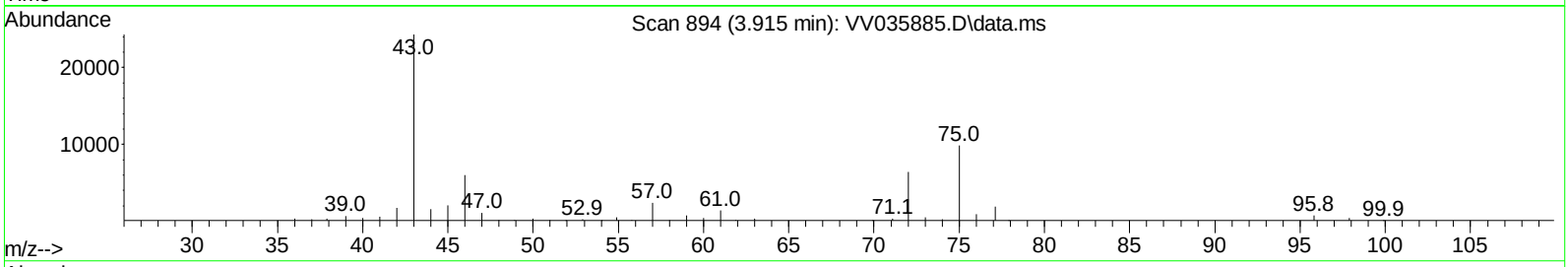

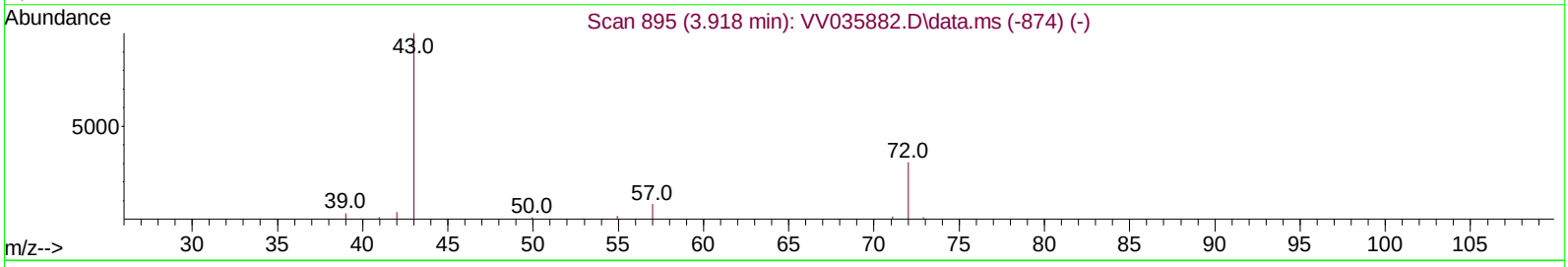

TIC: VV035885.D\data.ms

(22) 2-Butanone (T)

3.915min (-0.003) 52.23 ug/L m

response 156661

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	16.30	5.77#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
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Sample : VSTDICV025
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	537987	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	531656	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	285138	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	201080	20.330	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.320%		
7) Chloroethane-d5	1.529	69	155170	19.675	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.720%		
11) 1,1-Dichloroethene-d2	2.053	65	86107	19.556	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	78.240%		
21) 2-Butanone-d5	3.847	46	95643m	42.146	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.300%		
24) Chloroform-d	4.243	84	328827	19.225	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.920%		
26) 1,2-Dichloroethane-d4	4.937	65	171506	19.125	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.520%		
32) Benzene-d6	4.953	84	660402	20.897	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.600%		
36) 1,2-Dichloropropane-d6	5.985	67	200610	20.158	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.640%		
41) Toluene-d8	7.239	98	606340	21.745	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.960%		
43) trans-1,3-Dichloroprop...	7.551	79	85488	20.950	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.800%		
47) 2-Hexanone-d5	8.030	63	60994	45.235	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	90.480%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	136680	18.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	73.520%		
66) 1,2-Dichlorobenzene-d4	11.557	152	215136	20.575	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.104	85	202393	20.864	ug/L	99
3) Chloromethane	1.214	50	234917	21.102	ug/L	99
5) Vinyl chloride	1.278	62	251786	21.484	ug/L	100
6) Bromomethane	1.484	94	157243	21.627	ug/L	99
8) Chloroethane	1.545	64	154254	21.175	ug/L	99
9) Trichlorofluoromethane	1.709	101	305892	21.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	191336	20.714	ug/L	99
12) 1,1-Dichloroethene	2.063	96	175580	20.381	ug/L	92
13) Acetone	2.162	43	169211m	47.868	ug/L	
14) Carbon disulfide	2.233	76	621243	20.766	ug/L	99
15) Methyl Acetate	2.387	43	107957m	24.570	ug/L	
16) Methylene chloride	2.442	84	229784	18.876	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	199126	21.759	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	471956	22.972	ug/L	99
19) 1,1-Dichloroethane	3.104	63	373930	21.456	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	207069	22.518	ug/L	100
22) 2-Butanone	3.915	43	156661m	52.229	ug/L	
23) Bromochloromethane	4.143	128	100127	21.707	ug/L	98

Quantitation Report (QT Reviewed)

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Operator : SY/MD
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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
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Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.272	83	379450	21.166	ug/L	100
27) 1,2-Dichloroethane	5.037	62	244948	21.885	ug/L	99
29) Cyclohexane	4.577	56	306226	24.191	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	317298	21.830	ug/L	99
31) Carbon tetrachloride	4.728	117	279890	21.950	ug/L	100
33) Benzene	5.005	78	800601	23.024	ug/L	100
34) Trichloroethene	5.828	95	247334	23.208	ug/L	99
35) Methylcyclohexane	6.046	83	349709	23.729	ug/L	99
37) 1,2-Dichloropropane	6.088	63	211266	23.139	ug/L	99
38) Bromodichloromethane	6.429	83	270370	22.373	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	324347	23.751	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	246741	49.740	ug/L	98
42) Toluene	7.310	91	854050	24.037	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	285116	24.172	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	167062	22.114	ug/L	98
46) Tetrachloroethene	7.902	164	174153	22.344	ug/L	98
48) 2-Hexanone	8.078	43	210684	54.327	ug/L	98
49) Dibromochloromethane	8.172	129	186207	22.521	ug/L	99
50) 1,2-Dibromoethane	8.281	107	166526	22.973	ug/L	100
51) Chlorobenzene	8.808	112	554408	22.901	ug/L	100
52) Ethylbenzene	8.943	91	926144	24.363	ug/L	100
53) m,p-Xylene	9.069	106	346111	24.231	ug/L	100
54) o-Xylene	9.474	106	328432	24.382	ug/L	98
55) Styrene	9.493	104	596646	25.118	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	138183	20.428	ug/L	98
59) Bromoform	9.664	173	121554	22.605	ug/L	98
60) Isopropylbenzene	9.863	105	906943	24.792	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155128	23.003	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	661230	24.927	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	730280	25.552	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	455917	23.732	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	467611	23.582	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	424950	23.506	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	35458	23.513	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	340615	23.703	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	288574	25.504	ug/L	100
71) Naphthalene	13.435	128	576109	31.200	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	271399	26.285	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
Data File : VV035885.D
Acq On : 30 May 2024 11:07
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 00:41:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 00:31:35 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV267

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
Supervised By :Semsettin Yesilyurt 06/03/2024