Quantitation Report (Qedit)

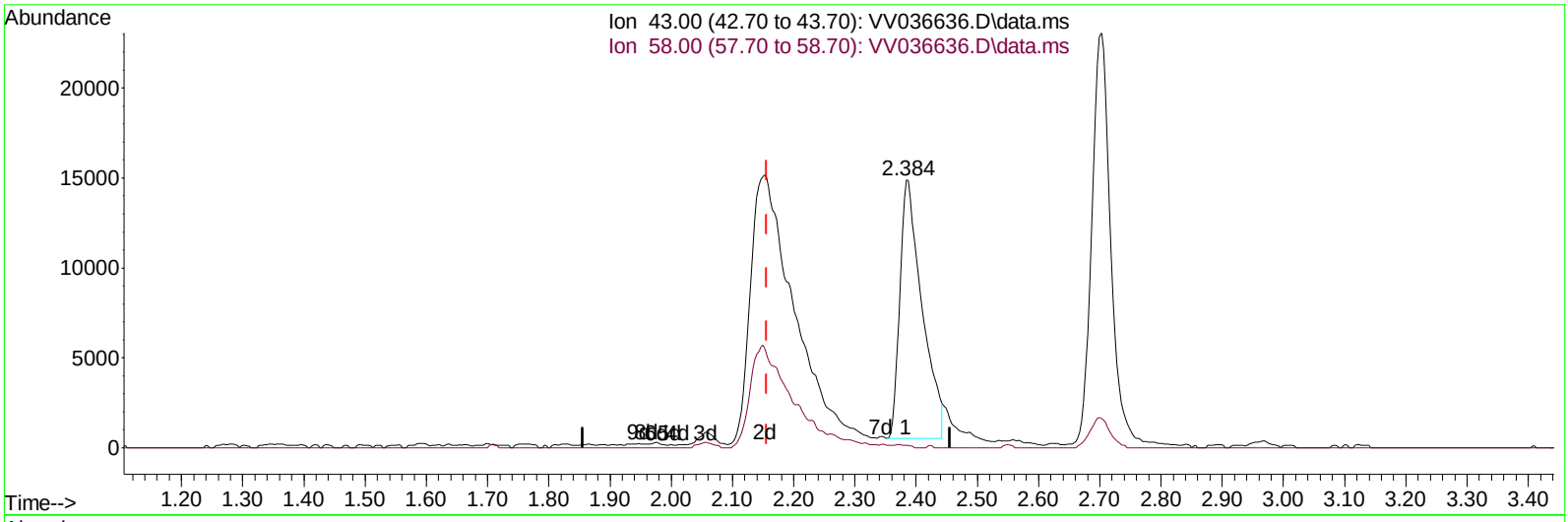
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036636.D
Acq On : 23 Jul 2024 10:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

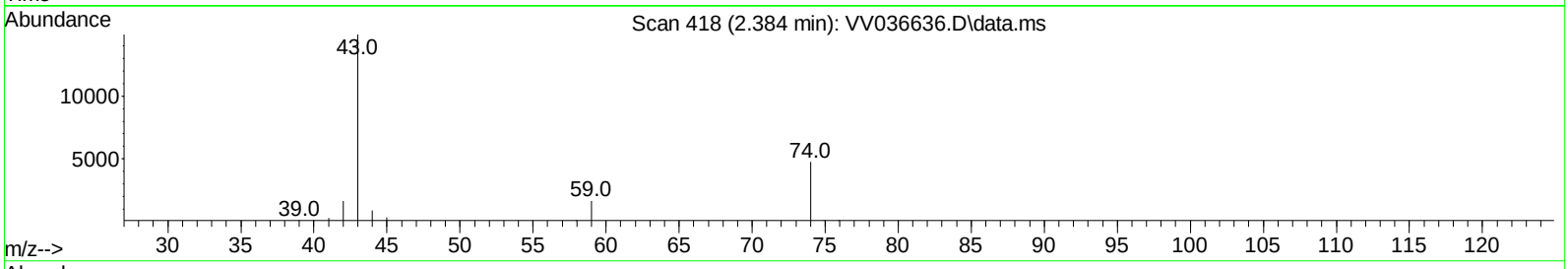
Quant Time: Jul 24 00:52:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration

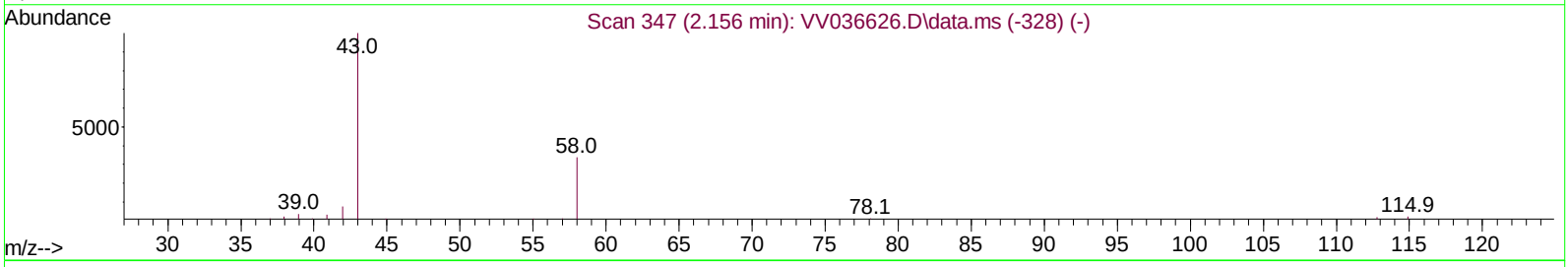
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/24/2024
Supervised By :Mahesh Dadoda 07/25/2024







TIC: VV036636.D\data.ms

(13) Acetone (T)

2.384min (+ 0.228) 24.14 ug/L

response 36171

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.50	0.17
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036636.D
Acq On : 23 Jul 2024 10:39
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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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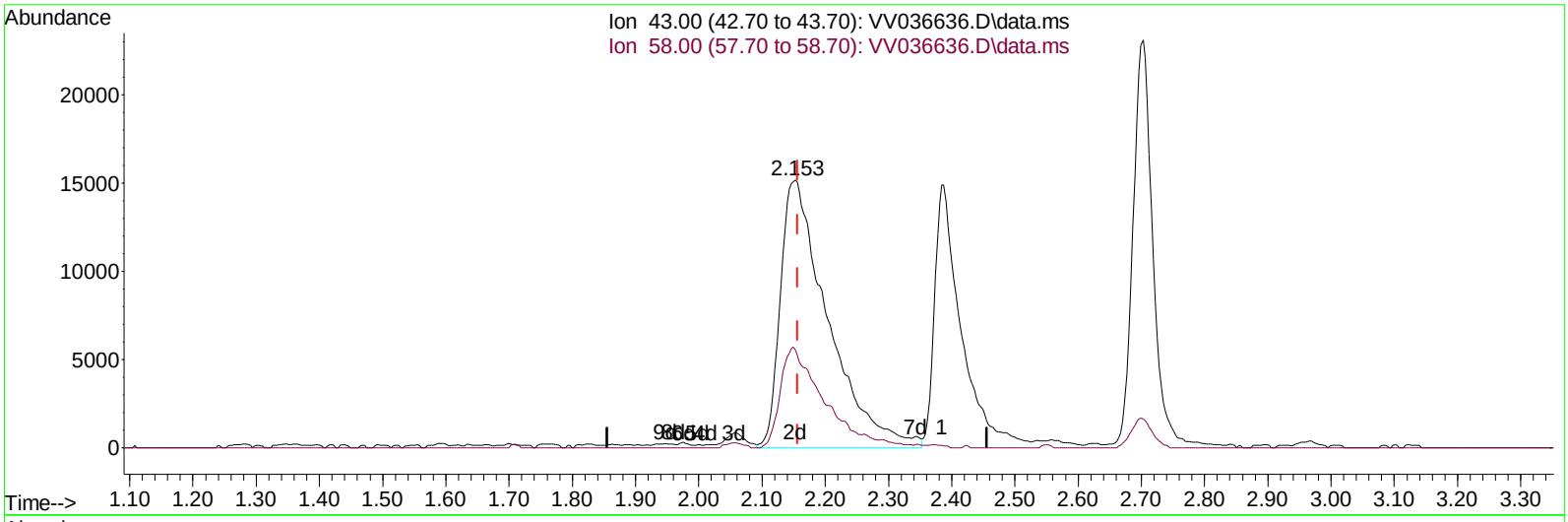

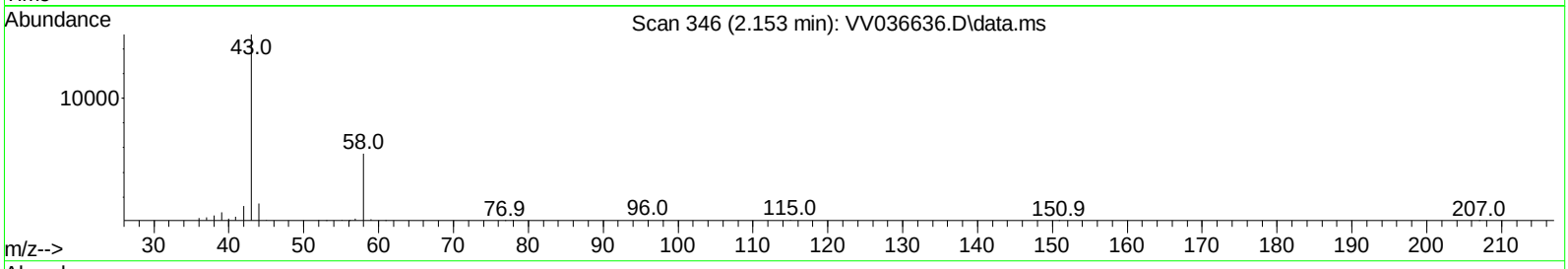

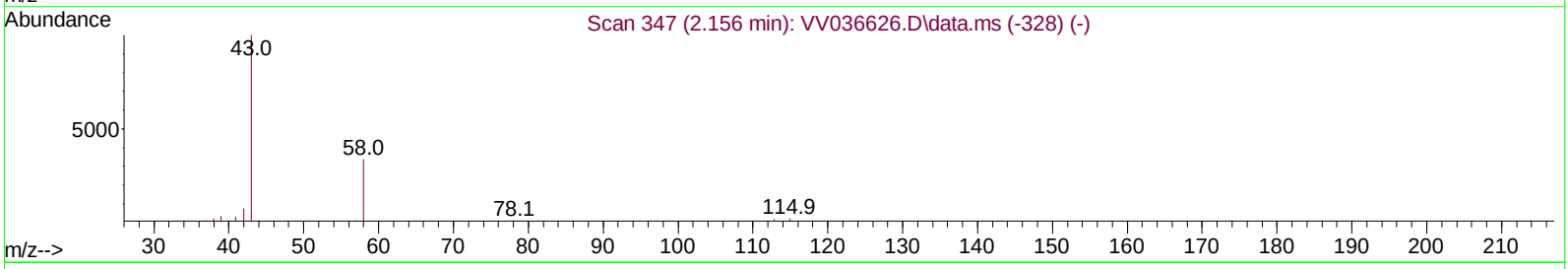

TIC: VV036636.D\data.ms

(13) Acetone (T)

2.153min (-0.003) 52.58 ug/L m

response 78794

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.50	0.08
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV036636.D
Acq On : 23 Jul 2024 10:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 00:52:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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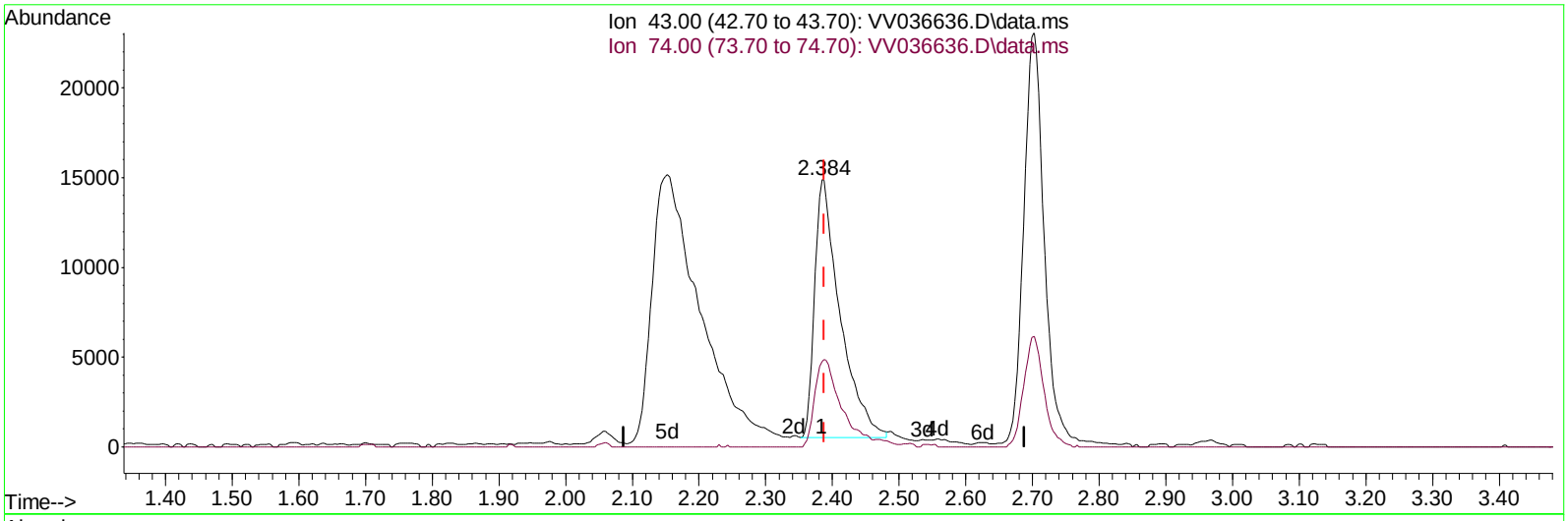

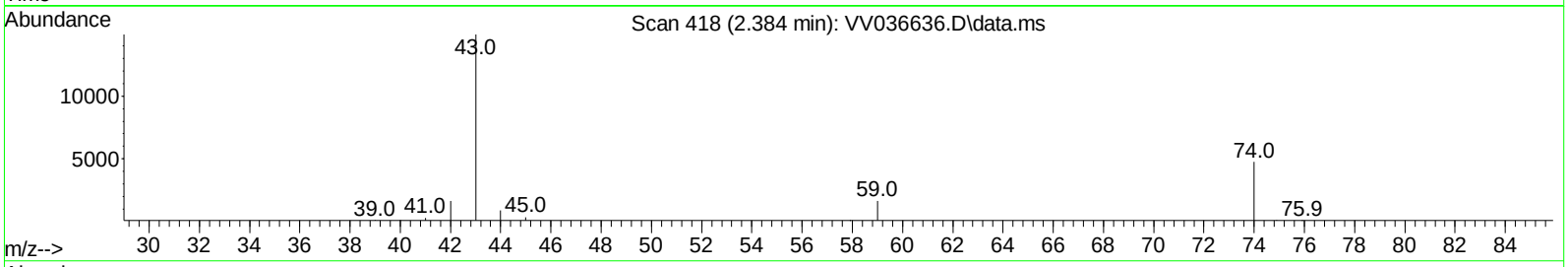

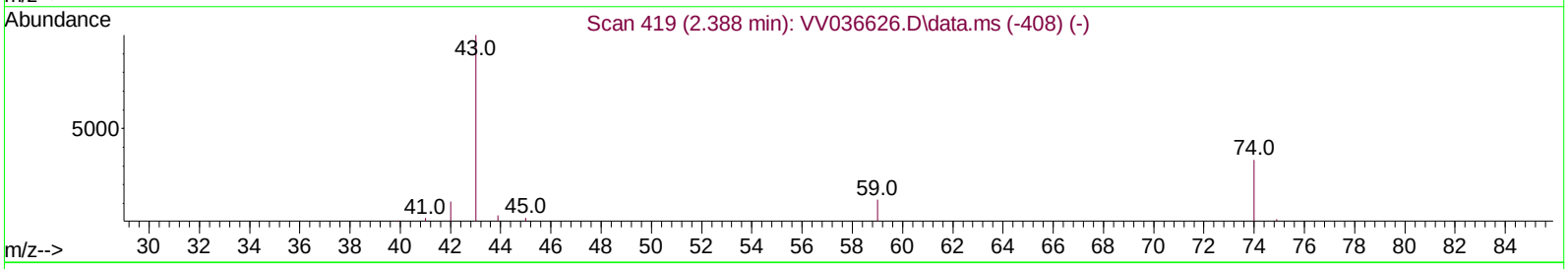

TIC: VV036636.D\data.ms

(15) Methyl Acetate (T)

2.384min (-0.003) 21.82 ug/L

response 38150

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	34.80	34.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : VV036636.D
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Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 00:52:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/24/2024
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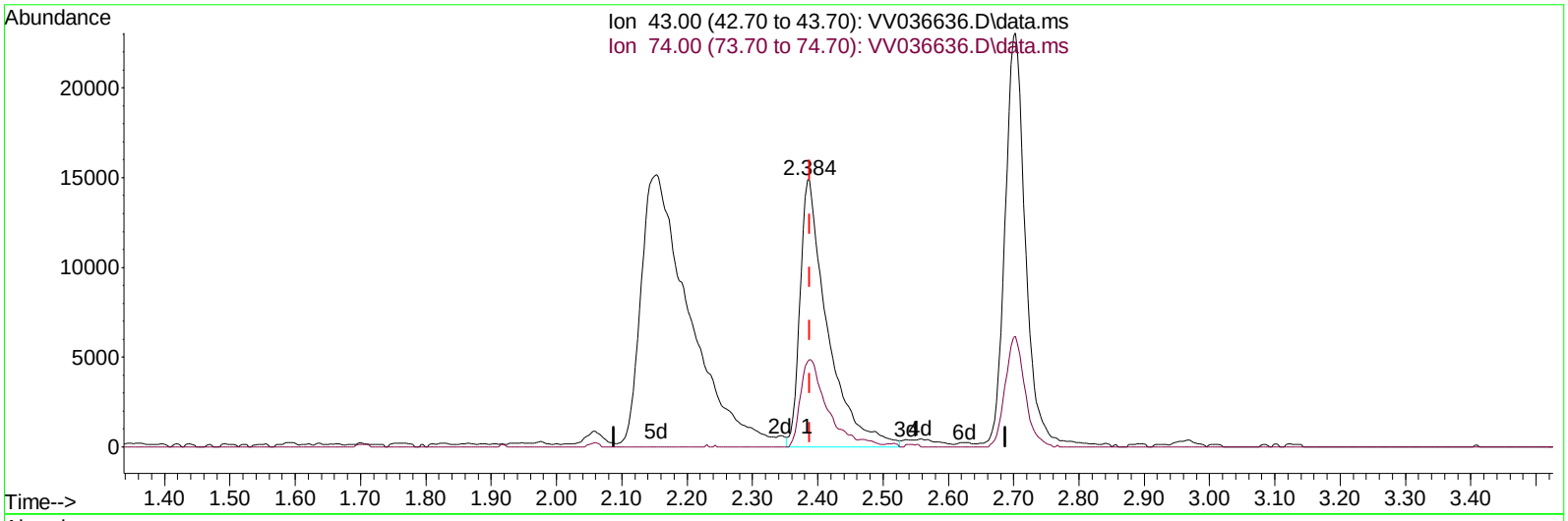

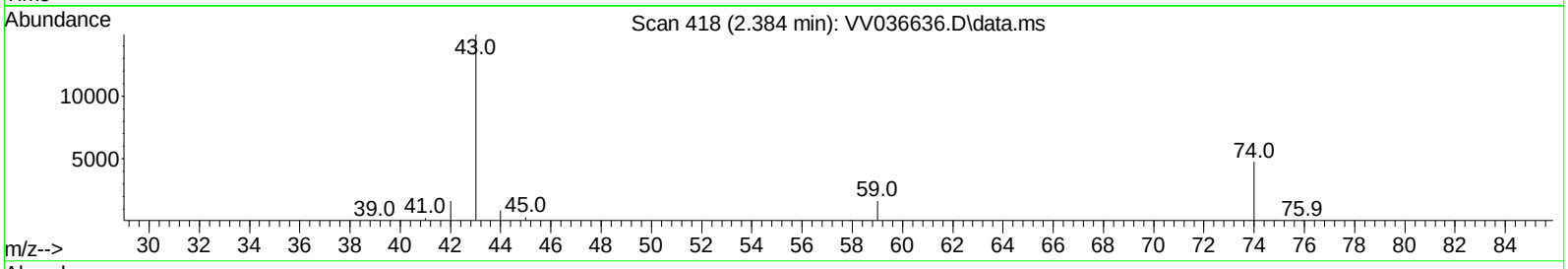

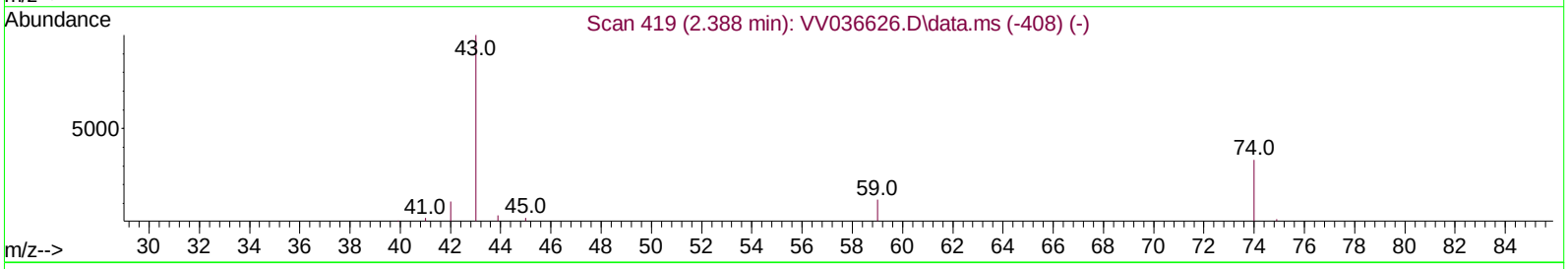

TIC: VV036636.D\data.ms

(15) Methyl Acetate (T)

2.384min (-0.003) 24.87 ug/L m

response 43483

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	34.80	30.62
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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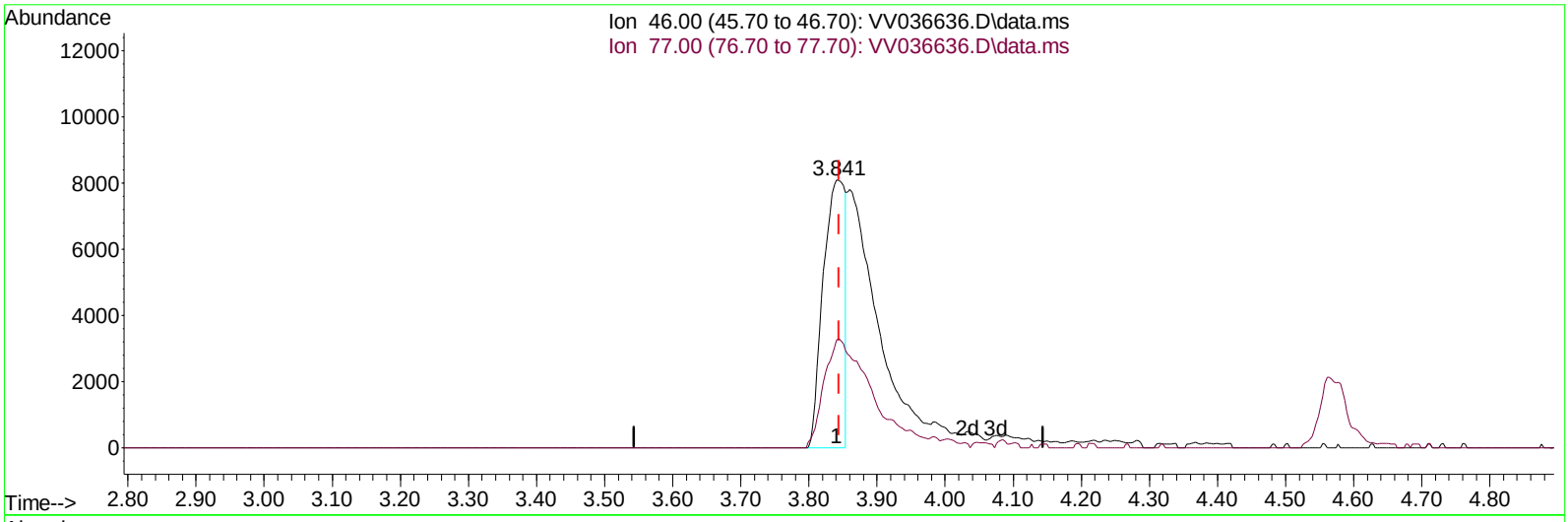

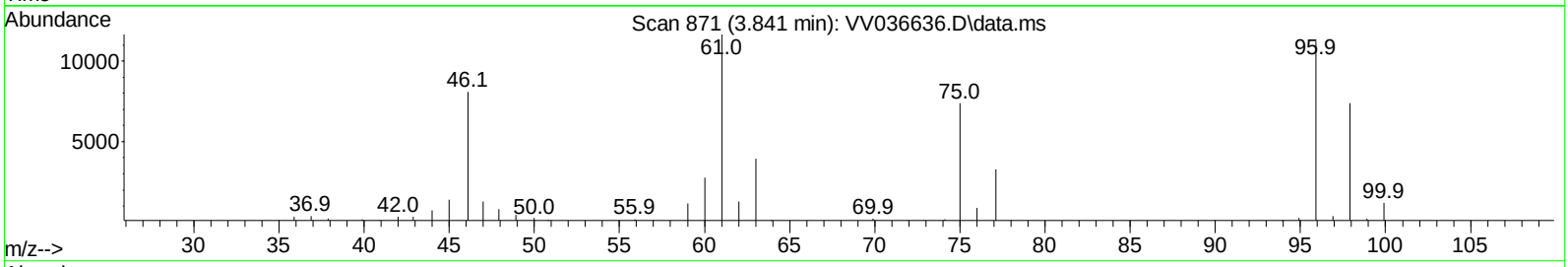

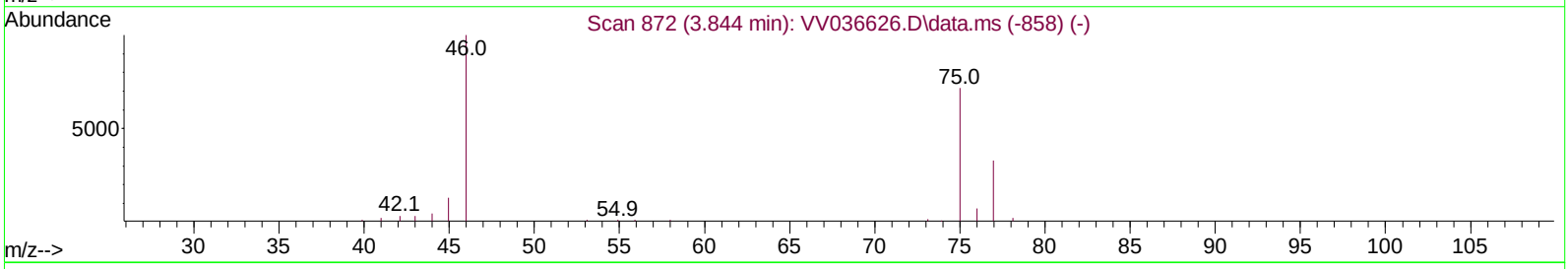

TIC: VV036636.D\data.ms

(21) 2-Butanone-d5 (S)

3.841min (-0.003) 19.47 ug/L

response 17957

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	8.90	84.75#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/MD
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ALS Vial : 2 Sample Multiplier: 1

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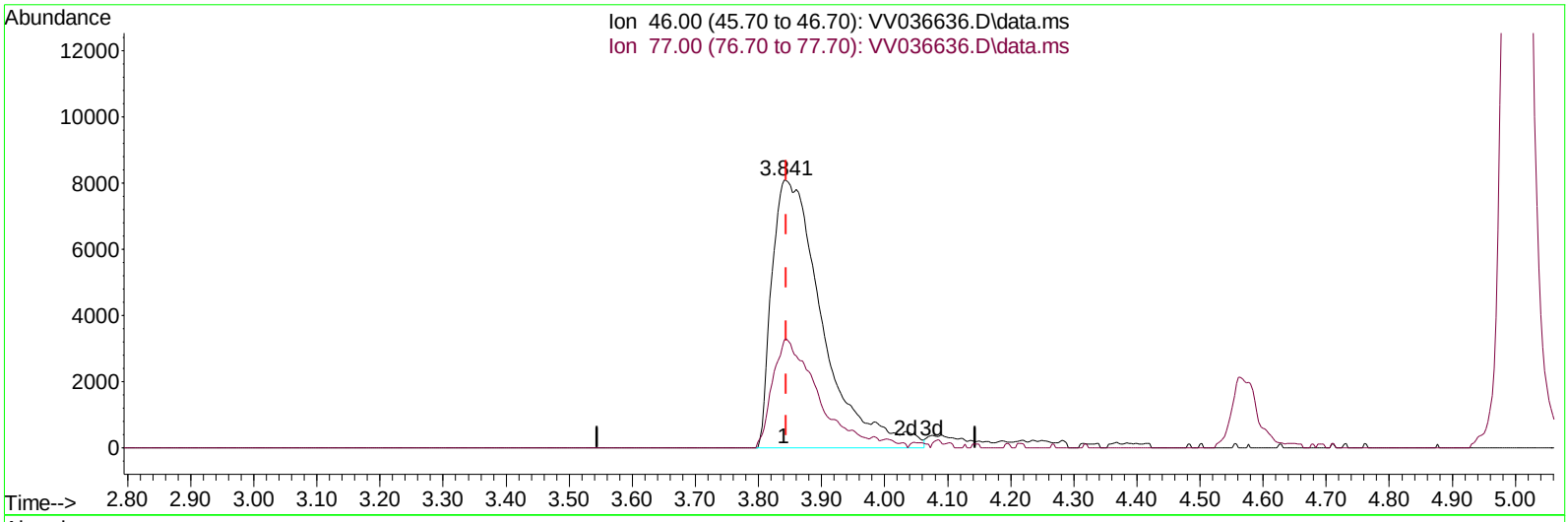
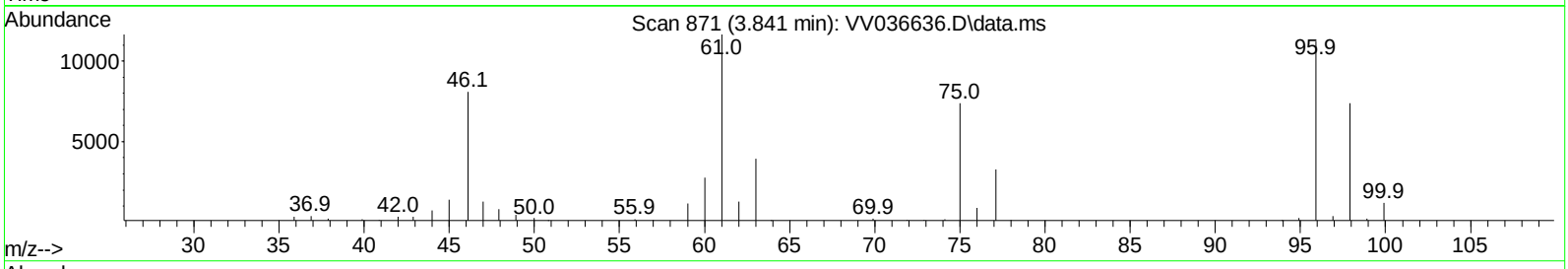
Response via : Initial Calibration

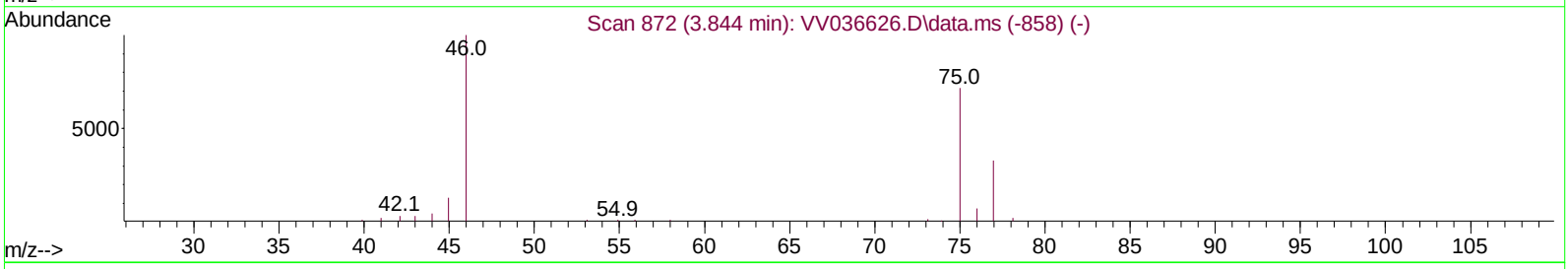
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/24/2024
Supervised By :Mahesh Dadoda 07/25/2024







TIC: VV036636.D\data.ms

(21) 2-Butanone-d5 (S)

3.841min (-0.003) 48.67 ug/L m

response 44902

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	8.90	33.89#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036636.D
Acq On : 23 Jul 2024 10:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
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LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

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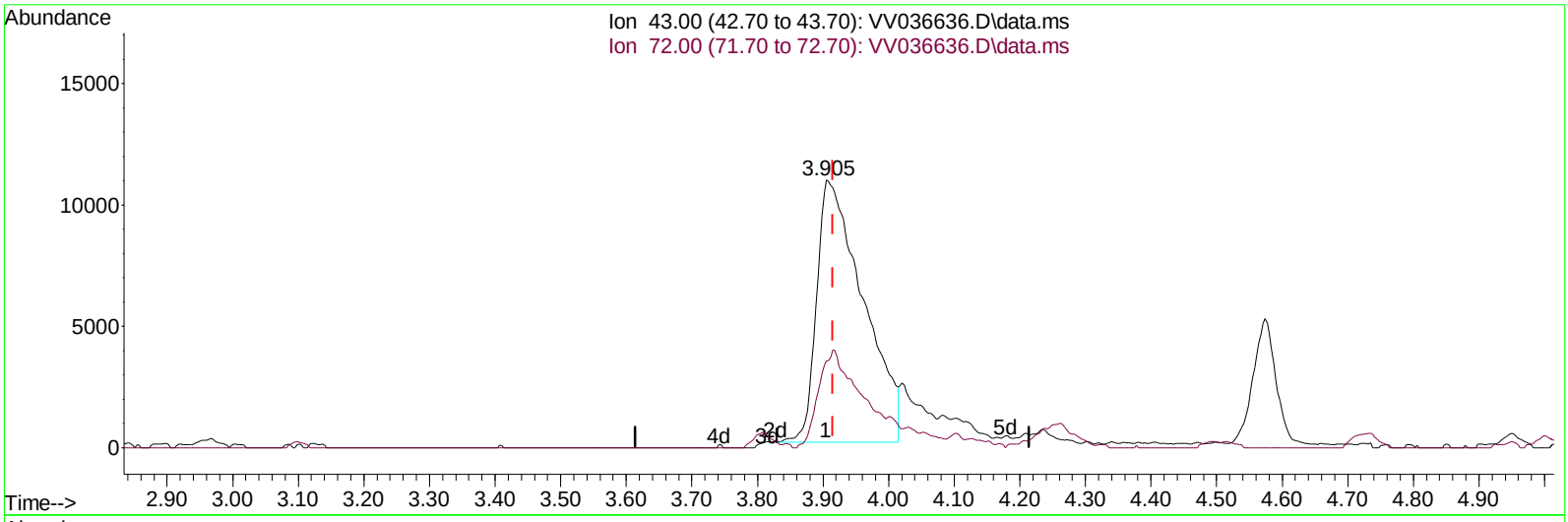

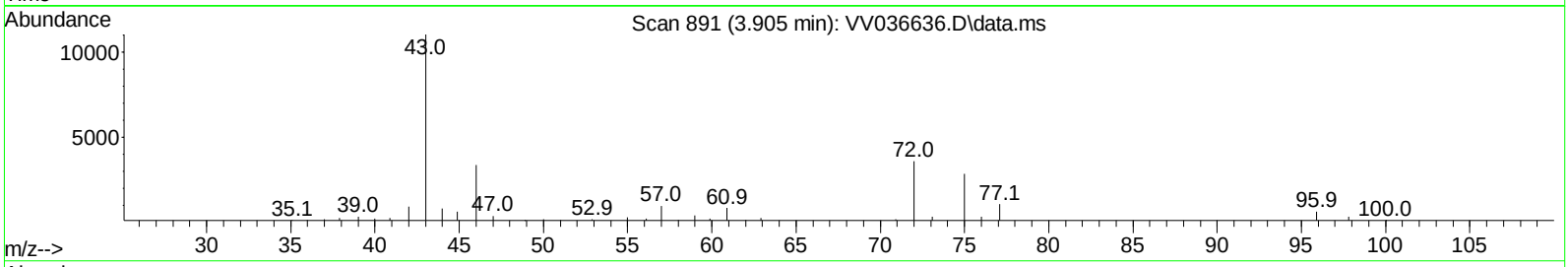

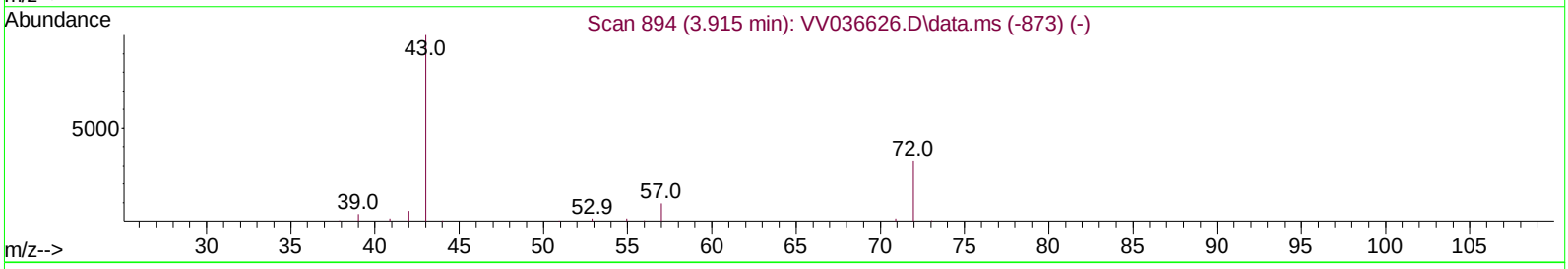

TIC: VV036636.D\data.ms

(22) 2-Butanone (T)

3.905min (-0.010) 41.67 ug/L

response 53009

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.30	21.44
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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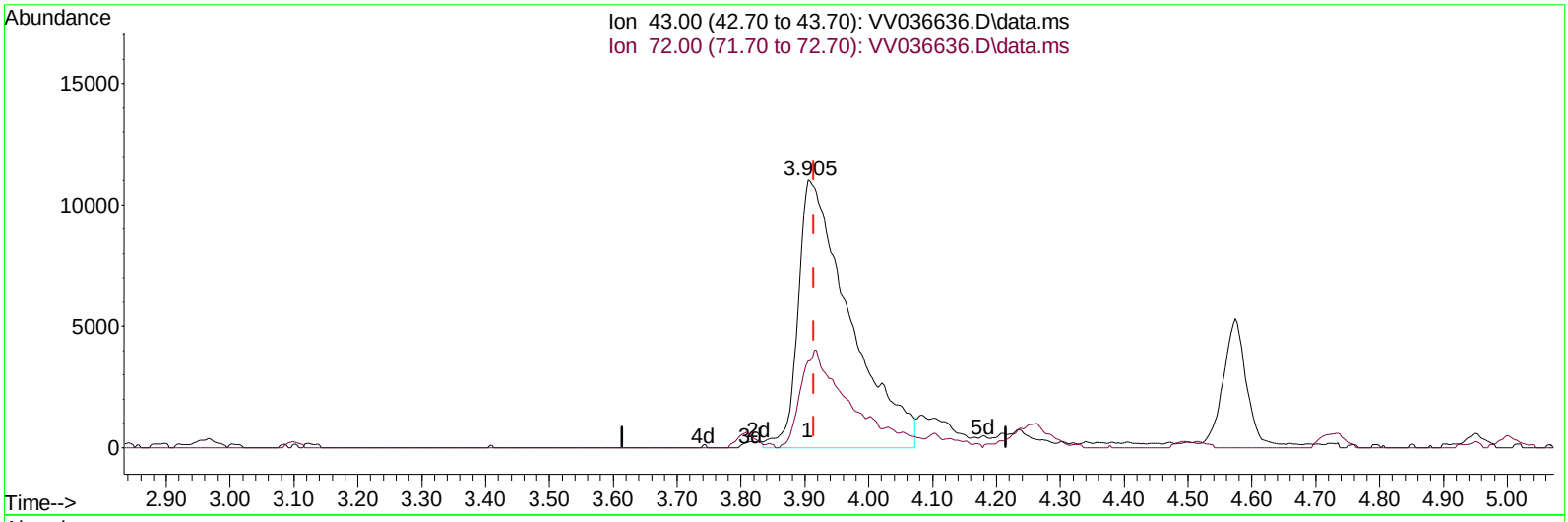

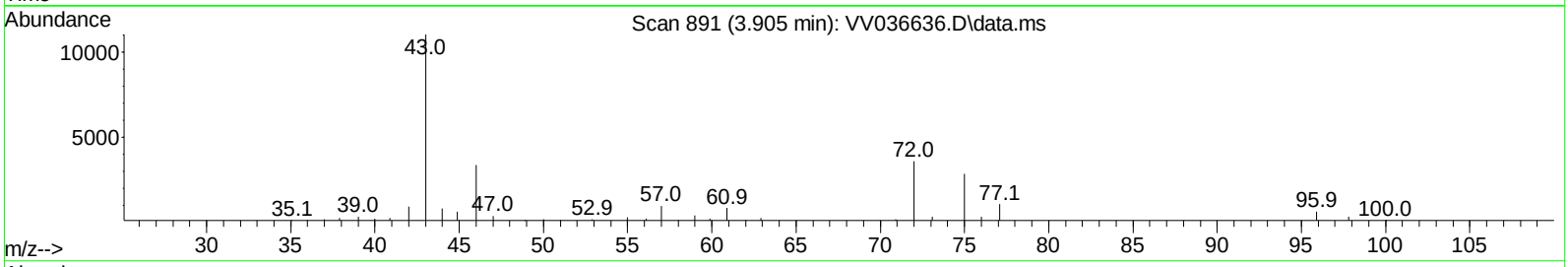

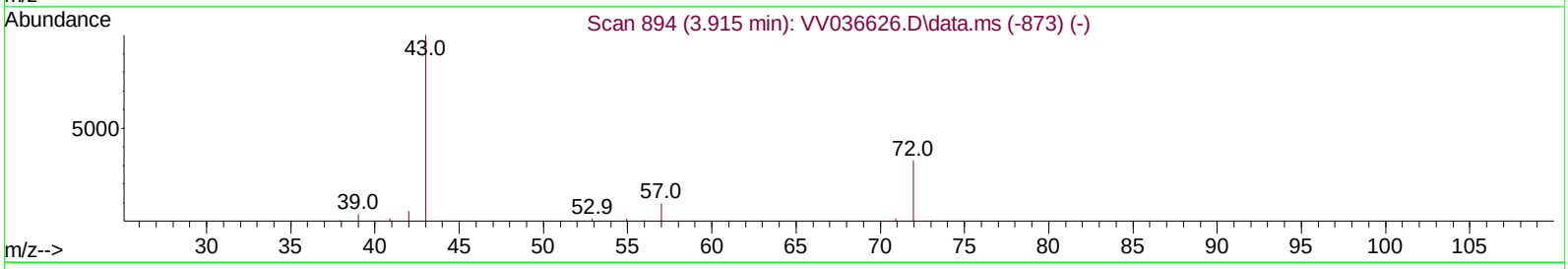

TIC: VV036636.D\data.ms

(22) 2-Butanone (T)

3.905min (-0.010) 48.64 ug/L m

response 61876

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	30.30	18.37
0.00	0.00	0.00
0.00	0.00	0.00

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LabSampleId :
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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	360906	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	364226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215784	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	84497	21.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.520%		
7) Chloroethane-d5	1.526	69	81586	22.852	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.400%		
11) 1,1-Dichloroethene-d2	2.050	65	46400	22.200	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	88.800%		
21) 2-Butanone-d5	3.841	46	44902m	48.674	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.340%		
24) Chloroform-d	4.239	84	231424	24.245	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.000%		
26) 1,2-Dichloroethane-d4	4.937	65	117719	24.999	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.000%		
32) Benzene-d6	4.950	84	403771	23.390	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.560%		
36) 1,2-Dichloropropane-d6	5.982	67	114739	23.328	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.320%		
41) Toluene-d8	7.236	98	394347	23.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.760%		
43) trans-1,3-Dichloroprop...	7.551	79	50299	23.004	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.000%		
47) 2-Hexanone-d5	8.030	63	31173	47.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.240%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102436	23.895	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.560%		
66) 1,2-Dichlorobenzene-d4	11.557	152	170720	22.664	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	148636	24.285	ug/L	99
3) Chloromethane	1.211	50	115561	24.541	ug/L	99
5) Vinyl chloride	1.278	62	142276	24.432	ug/L	99
6) Bromomethane	1.484	94	117774	25.295	ug/L	100
8) Chloroethane	1.545	64	92737	24.574	ug/L	99
9) Trichlorofluoromethane	1.706	101	248296	24.557	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	153837	24.453	ug/L	99
12) 1,1-Dichloroethene	2.059	96	139155	24.993	ug/L	92
13) Acetone	2.153	43	78794m	52.580	ug/L	
14) Carbon disulfide	2.230	76	388008	25.109	ug/L	99
15) Methyl Acetate	2.384	43	43483m	24.872	ug/L	
16) Methylene chloride	2.439	84	137697	20.505	ug/L	98
17) trans-1,2-Dichloroethene	2.686	96	138725	24.671	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	277365	23.519	ug/L	99
19) 1,1-Dichloroethane	3.101	63	215292	24.405	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	138313	23.554	ug/L	98
22) 2-Butanone	3.905	43	61876m	48.644	ug/L	
23) Bromochloromethane	4.140	128	78203	25.059	ug/L	96

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/24/2024
Supervised By :Mahesh Dadoda 07/25/2024

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.268	83	262326	24.635 ug/L	99
27) 1,2-Dichloroethane	5.034	62	162217	25.387 ug/L	97
29) Cyclohexane	4.571	56	146046	22.490 ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	226555	24.043 ug/L	100
31) Carbon tetrachloride	4.725	117	212182	24.101 ug/L	99
33) Benzene	5.001	78	506581	24.491 ug/L	100
34) Trichloroethene	5.825	95	160715	23.743 ug/L	98
35) Methylcyclohexane	6.043	83	210166	23.318 ug/L	99
37) 1,2-Dichloropropane	6.085	63	112692	23.673 ug/L	98
38) Bromodichloromethane	6.426	83	186954	24.088 ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	192344	24.608 ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	107043	48.156 ug/L	98
42) Toluene	7.310	91	577559	25.210 ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	173251	24.682 ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	112370	24.204 ug/L	98
46) Tetrachloroethene	7.898	164	145361	21.641 ug/L	100
48) 2-Hexanone	8.079	43	88084	50.541 ug/L	98
49) Dibromochloromethane	8.172	129	146138	24.984 ug/L	99
50) 1,2-Dibromoethane	8.278	107	115874	24.843 ug/L	97
51) Chlorobenzene	8.808	112	406426	24.501 ug/L	99
52) Ethylbenzene	8.940	91	621352	24.656 ug/L	99
53) m,p-Xylene	9.069	106	250912	25.502 ug/L	97
54) o-Xylene	9.474	106	236526	25.020 ug/L	100
55) Styrene	9.490	104	433516	27.044 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	99663	23.693 ug/L	98
59) Bromoform	9.660	173	97411	23.970 ug/L	98
60) Isopropylbenzene	9.863	105	638491	24.180 ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	89657	23.569 ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	513414	24.926 ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	524635	25.162 ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	359092	24.327 ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	370955	24.402 ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	333138	24.272 ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	21096	23.550 ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	273044	23.448 ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	218689	23.120 ug/L	99
71) Naphthalene	13.435	128	331833	23.583 ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	211669	24.801 ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
Data File : VV036636.D
Acq On : 23 Jul 2024 10:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 24 00:52:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC025

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/24/2024
Supervised By :Mahesh Dadoda 07/25/2024