Quantitation Report (QT Reviewed)

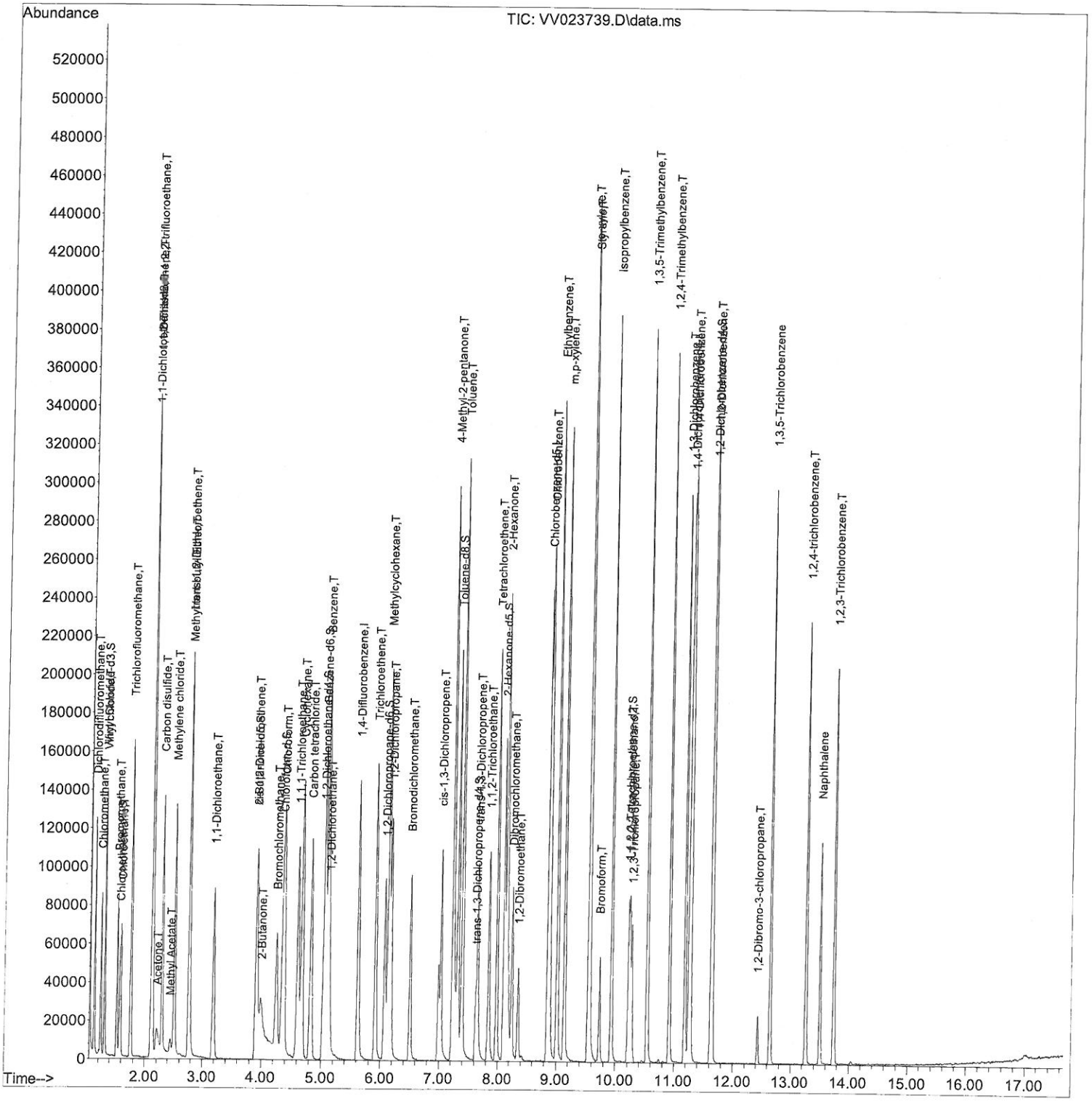
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112921\
Data File : VV023739.D
Acq On : 29 Nov 2021 11:50
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 00:11:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 11/30/2021



Quantitation Report (Qedit)

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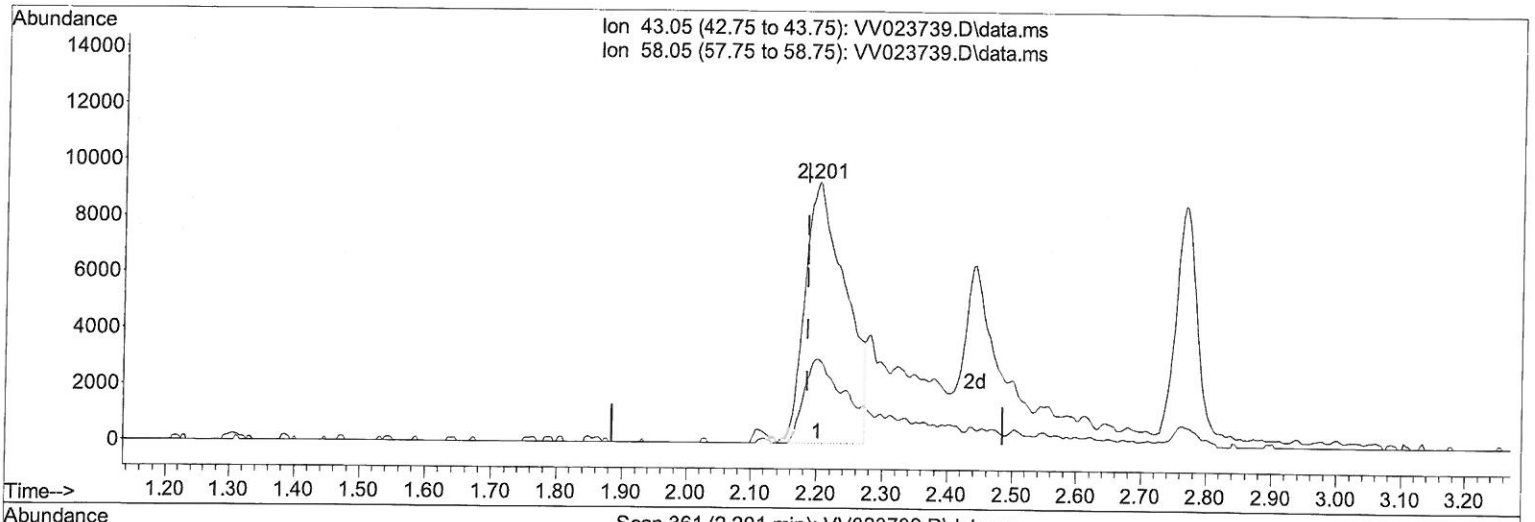

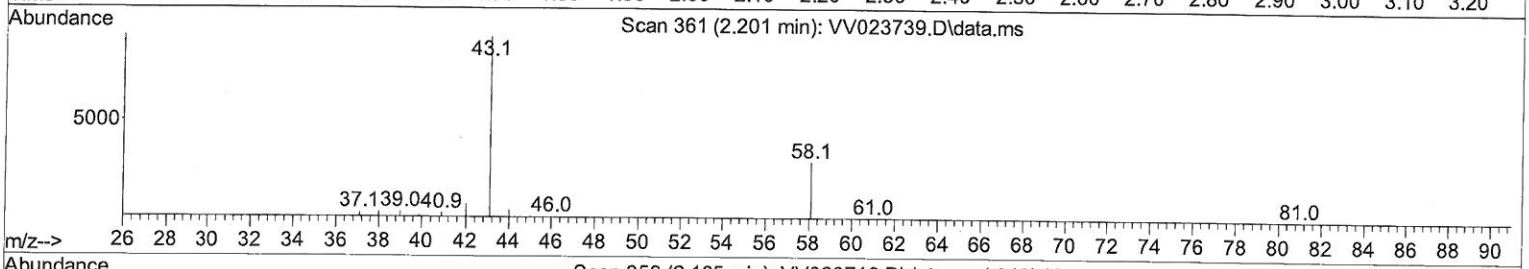

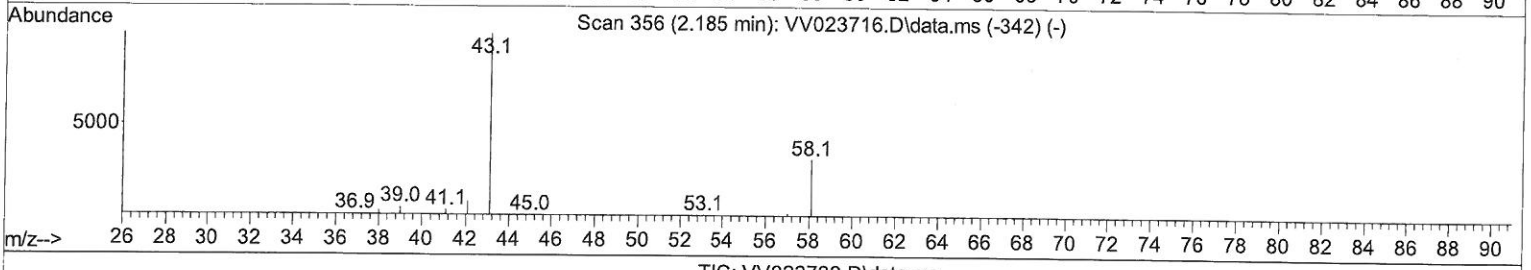

TIC: VV023739.D\data.ms

(13) Acetone (T)

2.201min (+ 0.016) 34.24 ug/L

response 39550

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	23.93
0.00	0.00	0.00
0.00	0.00	0.00

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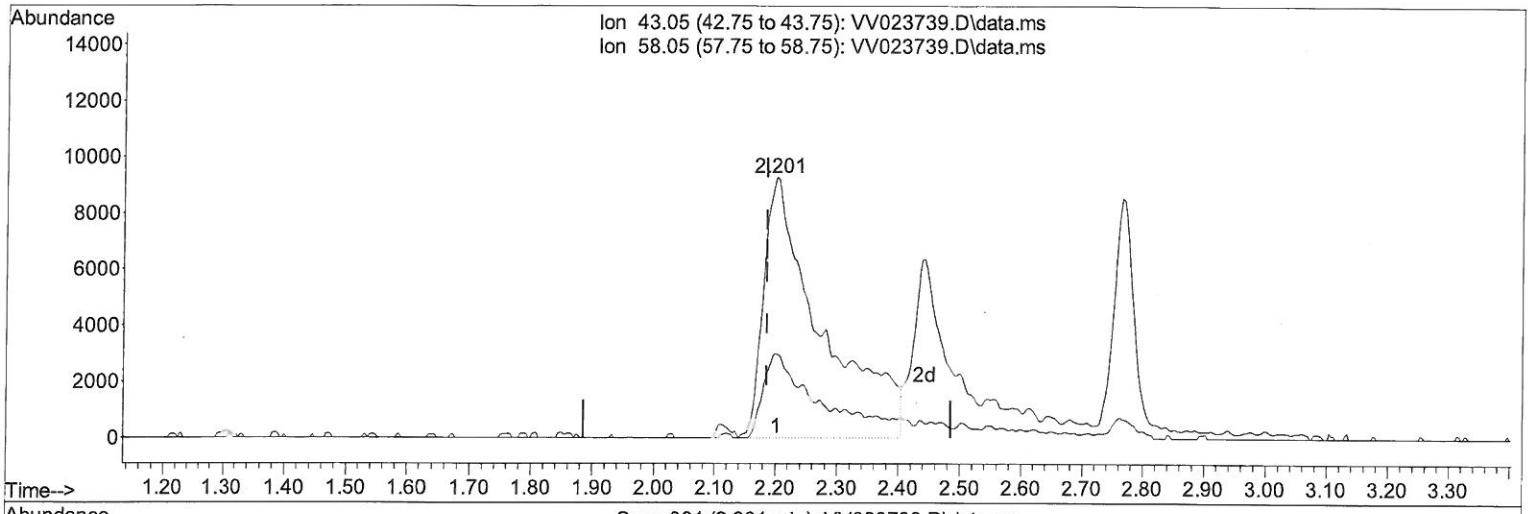

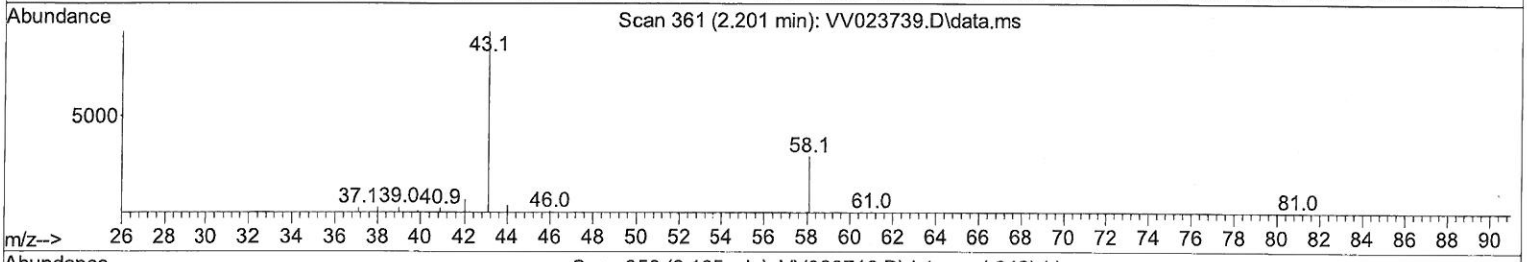

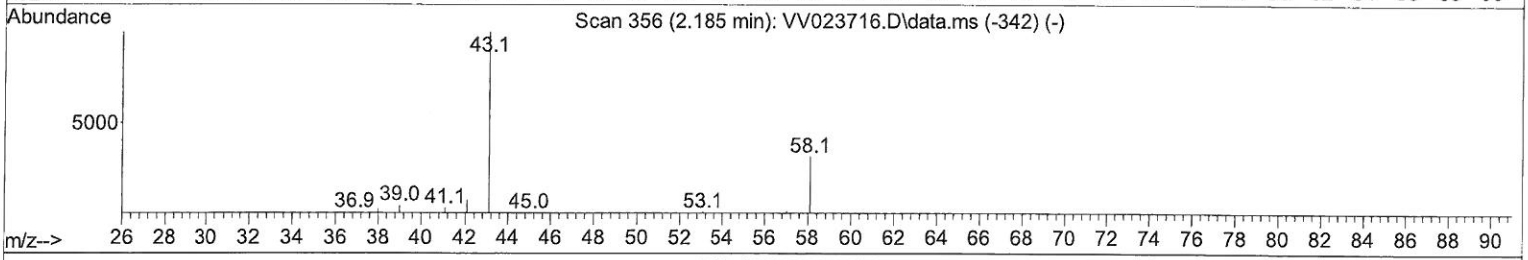

TIC: VV023739.D\data.ms

(13) Acetone (T)

2.201min (+ 0.016) 51.79 ug/L m

SMD 12/01/21

response 59819

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	15.82
0.00	0.00	0.00
0.00	0.00	0.00

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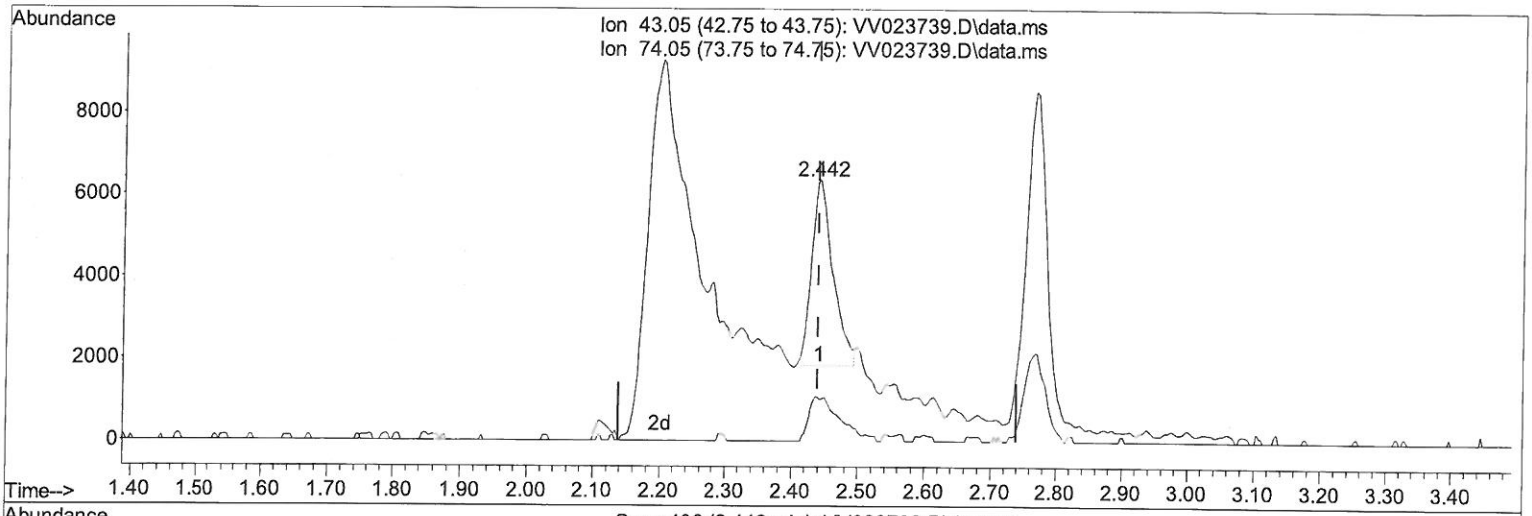

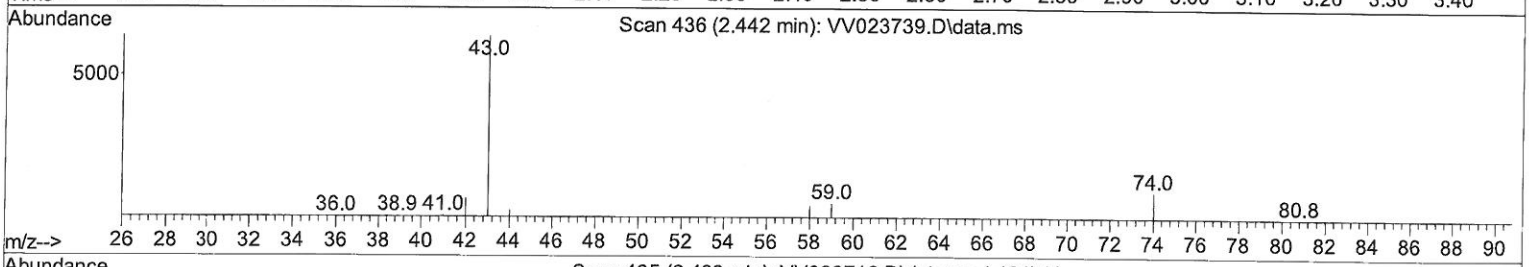

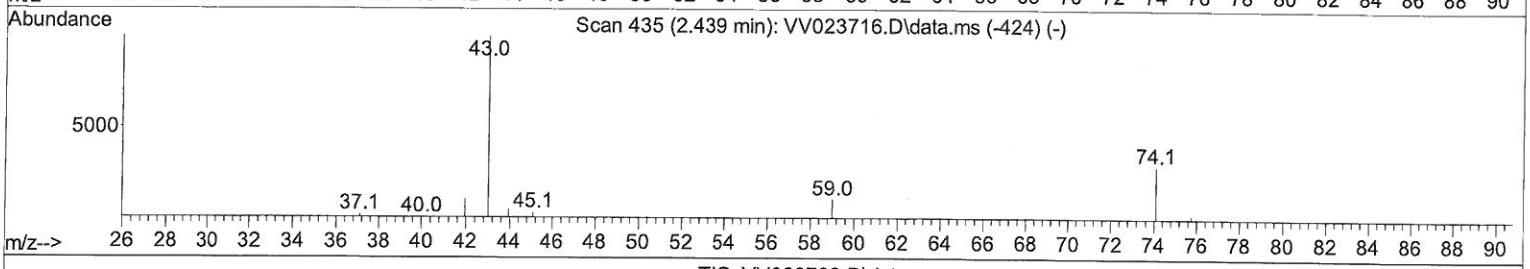

TIC: VV023739.D\data.ms

(15) Methyl Acetate (T)

2.442min (+ 0.003) 3.86 ug/L

response 10132

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	25.20	32.74#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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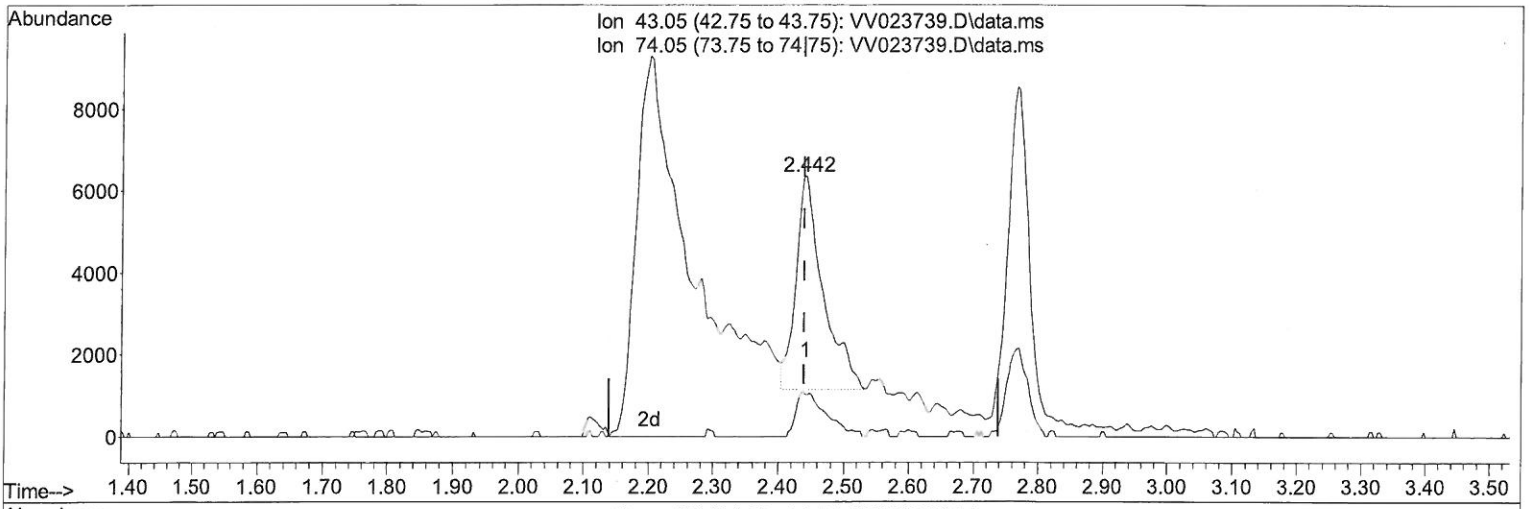
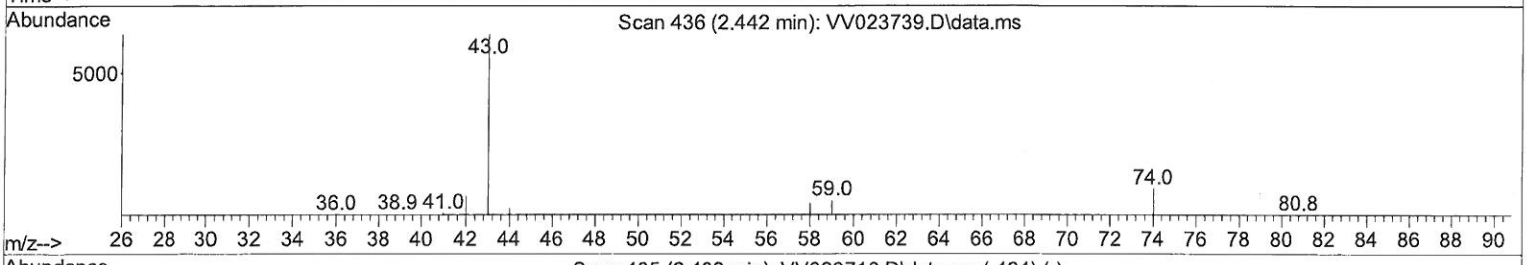
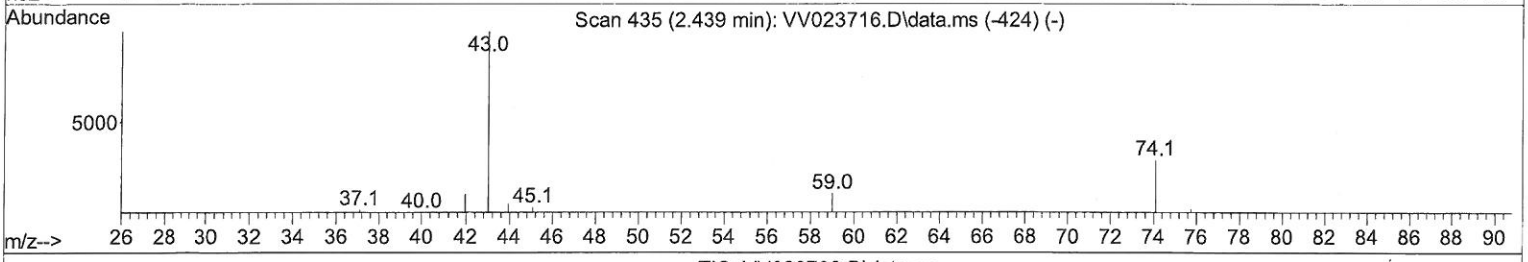
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 11/30/2021







TIC: VV023739.D\data.ms

(15) Methyl Acetate (T)

2.442min (+ 0.003) 5.74 ug/L m

response 15060

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	25.20	22.03
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (Qedit)

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MSVOA_V
LabSampleId :
VSTDCCC005

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Reviewed By :John Carlone 11/30/2021
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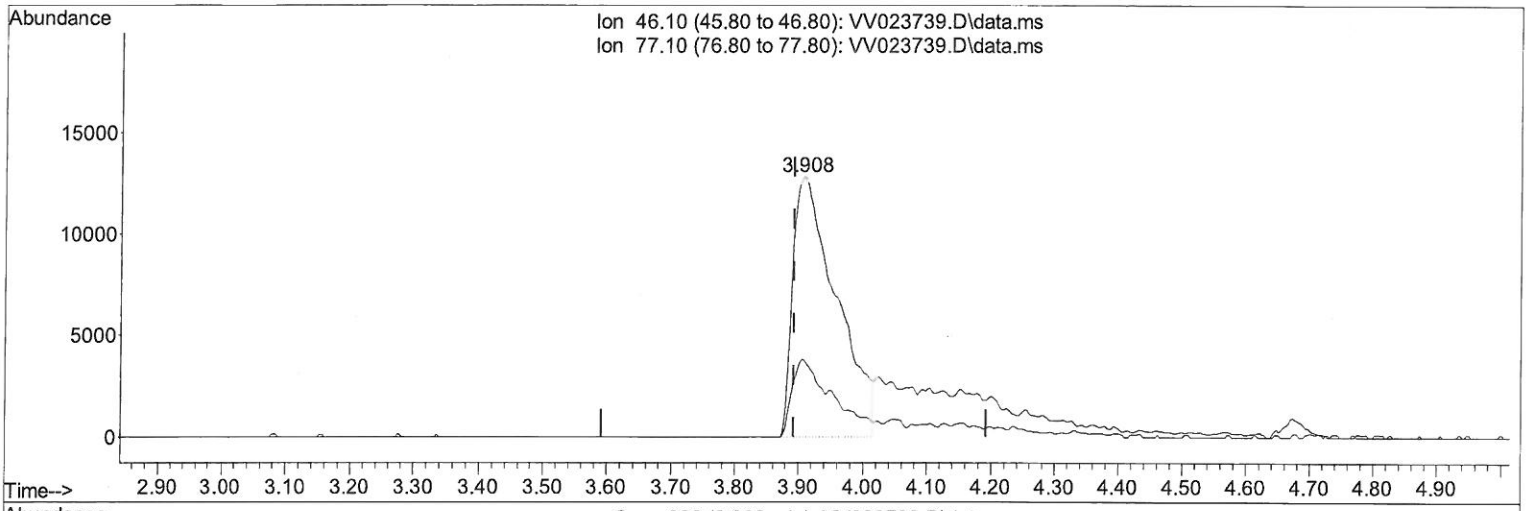

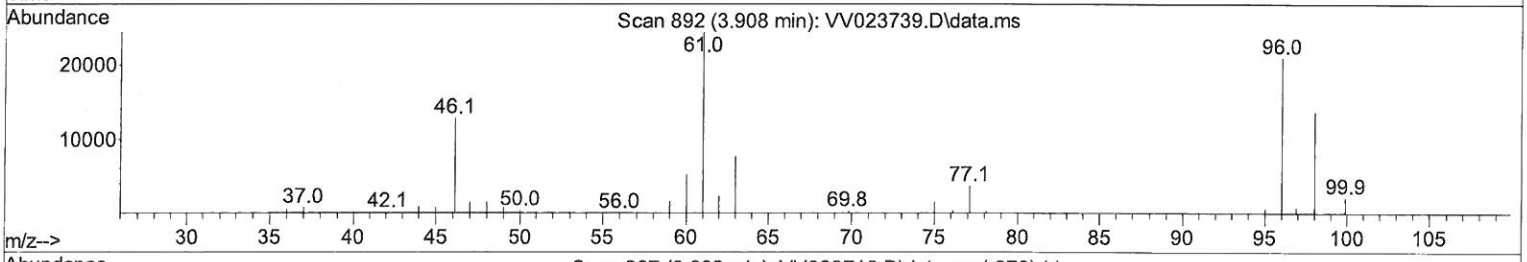

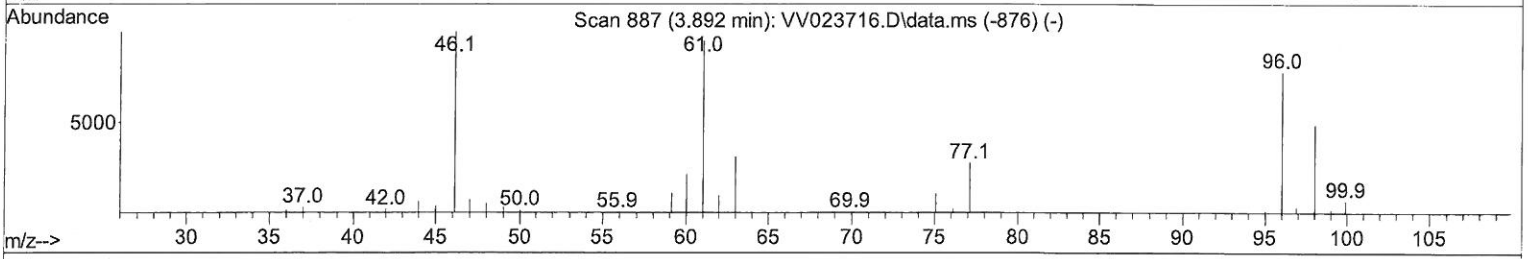

TIC: VV023739.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (+ 0.016) 46.58 ug/L

response 59785

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	17.67#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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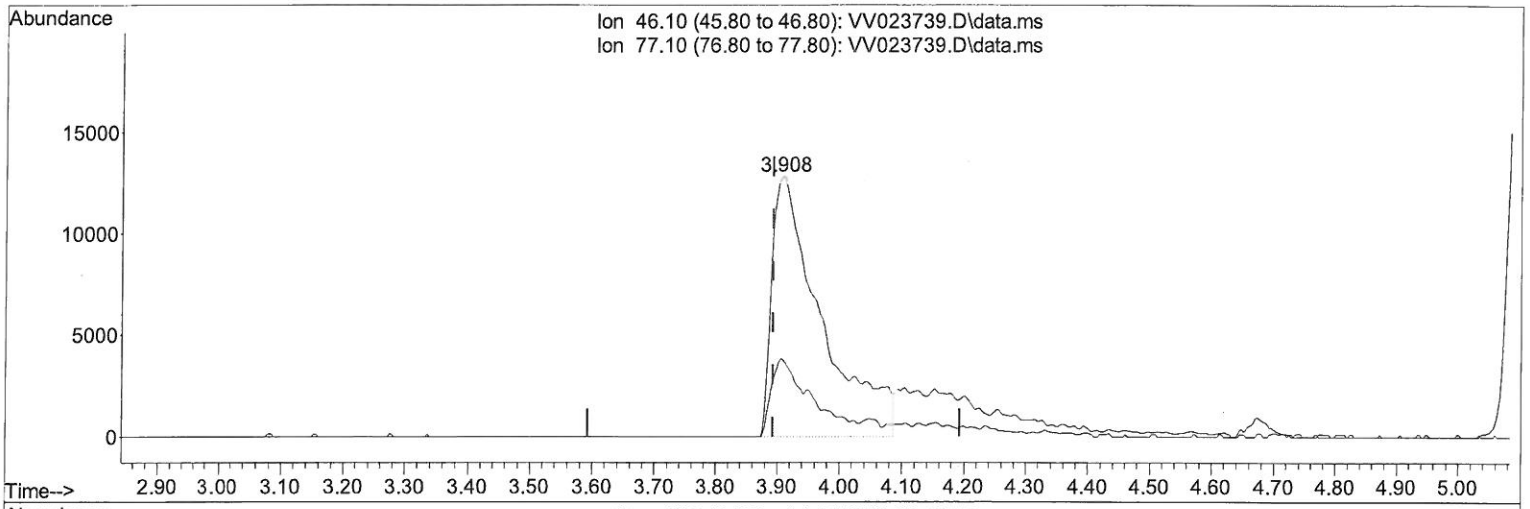
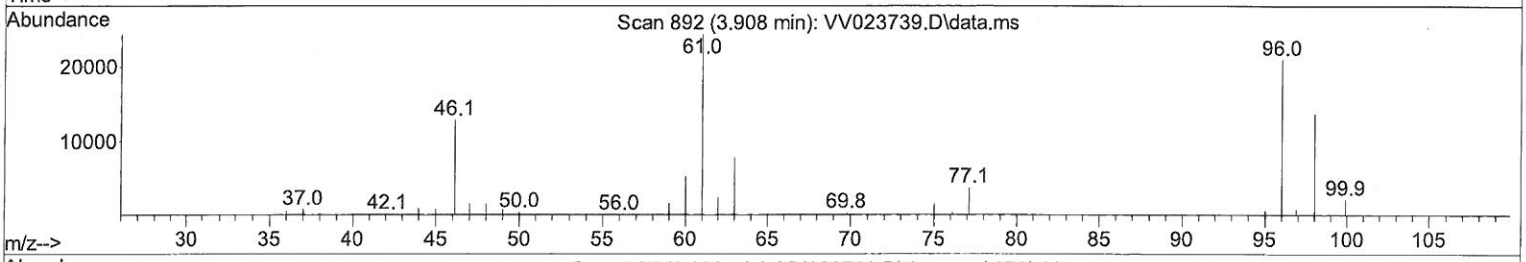
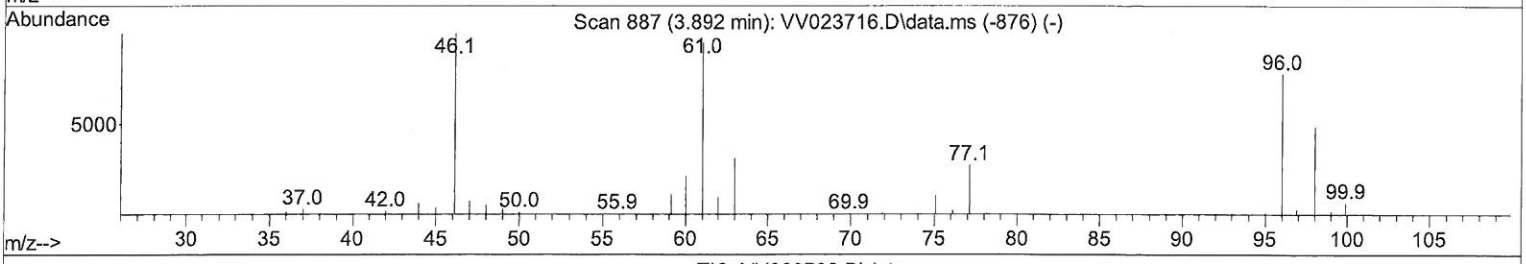
Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 11/30/2021







TIC: VV023739.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (+ 0.016) 54.99 ug/L m DMD 12/01/21

response 70583

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	14.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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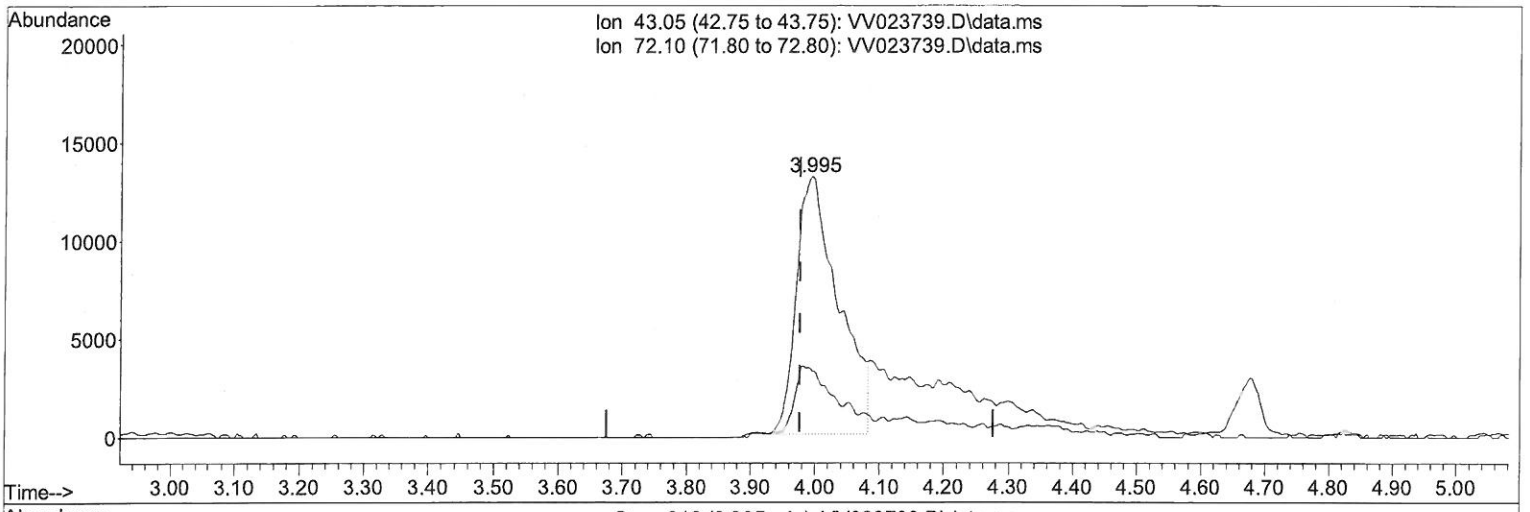

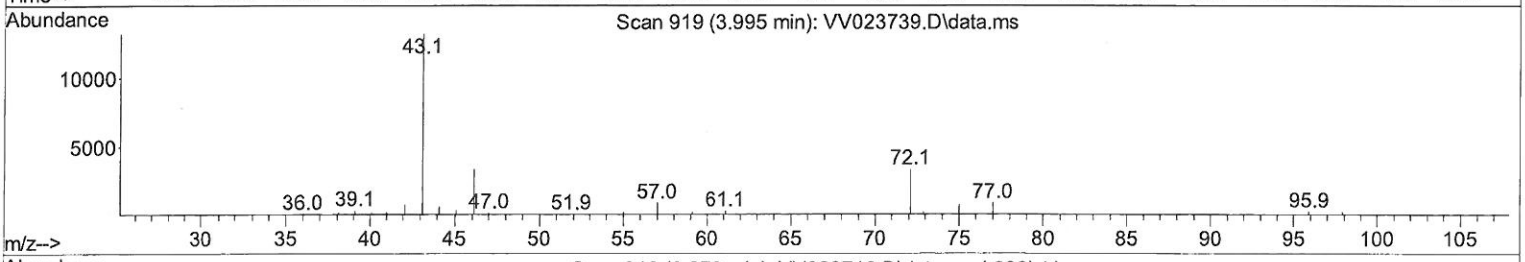

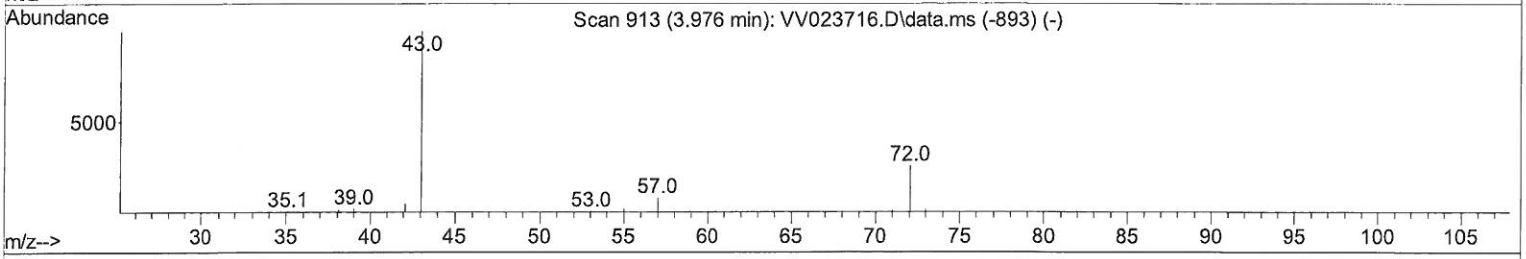

TIC: VV023739.D\data.ms

(21) 2-Butanone (T)

3.995min (+ 0.019) 40.76 ug/L

response 59584

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	21.01
0.00	0.00	0.00
0.00	0.00	0.00

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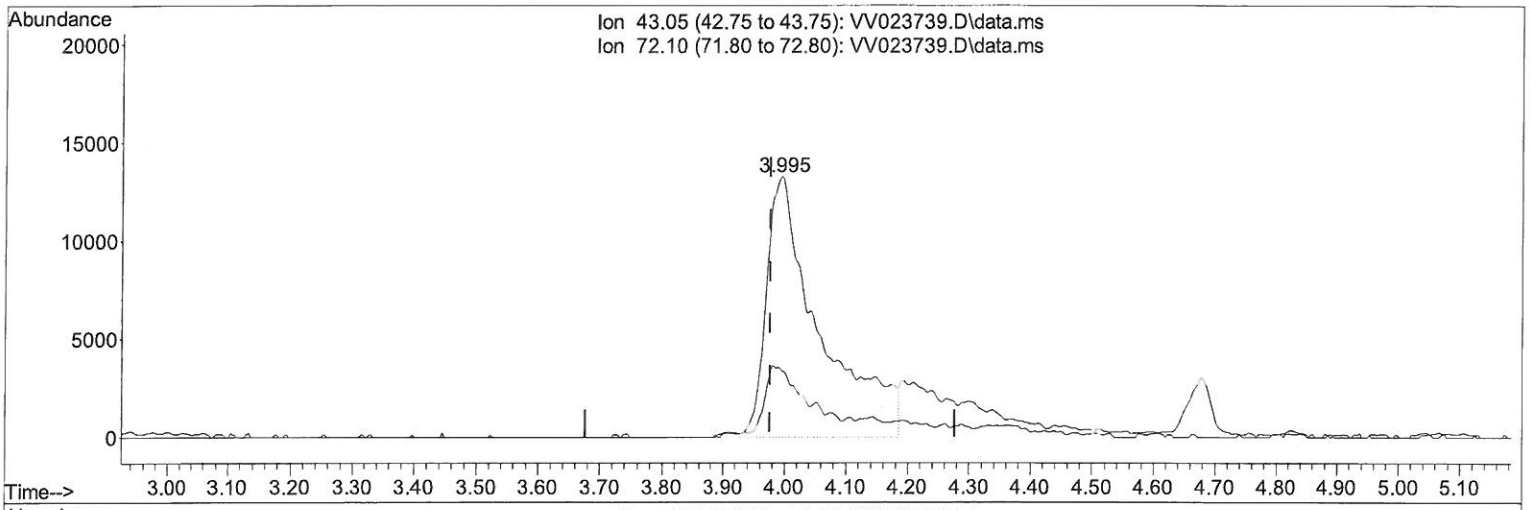

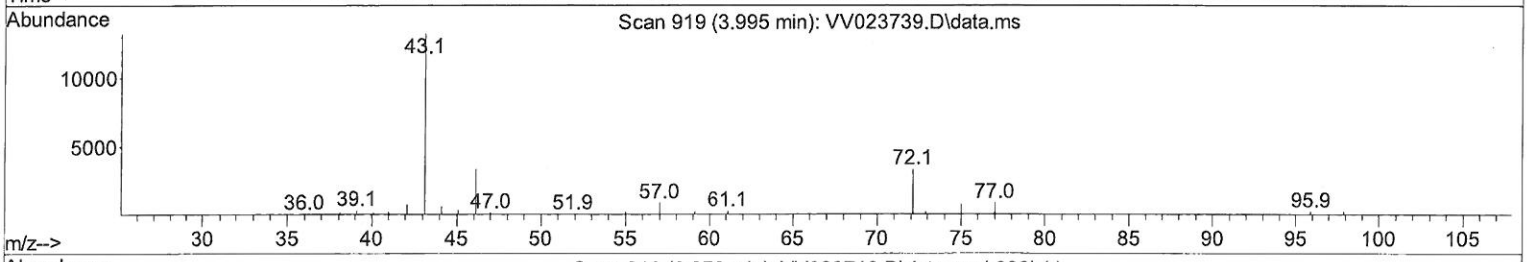

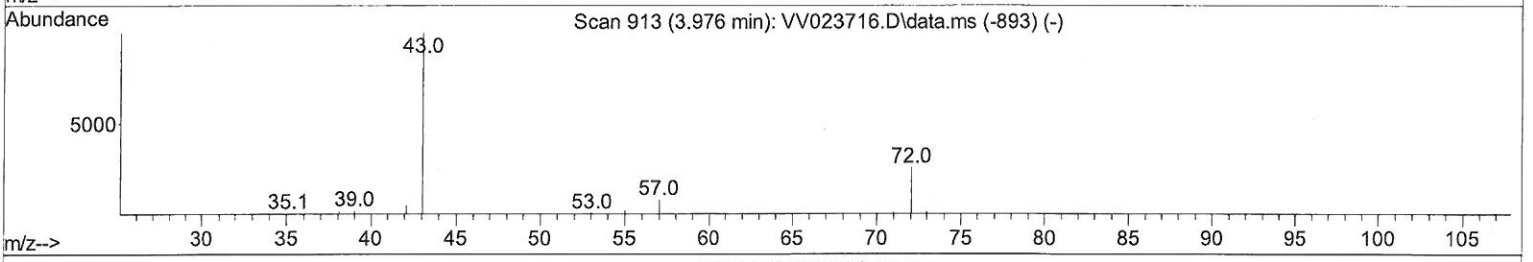

TIC: VV023739.D\data.ms

(21) 2-Butanone (T)

3.995min (+ 0.019) 54.52 ug/L m

response 79705

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	15.71
0.00	0.00	0.00
0.00	0.00	0.00

SYMD 12/01/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	130064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71988	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33191	3.109	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.200%			
7) Chloroethane-d5	1.568	69	31415	3.743	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 74.800%			
11) 1,1-Dichloroethene-d2	2.111	63	71157	3.782	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.600%			
20) 2-Butanone-d5	3.908	46	70583m	54.990	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.980%			
24) Chloroform-d	4.346	84	81267	4.371	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	5.030	65	39989	4.604	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.047	84	146342	4.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.800%			
36) 1,2-Dichloropropane-d6	6.069	67	44649	4.446	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.000%			
41) Toluene-d8	7.313	98	138167	4.128	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	7.622	79	18164	4.487	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.800%			
46) 2-Hexanone-d5	8.088	63	73955	54.987	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.980%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36546	5.057	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	58077	4.563	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	62993	5.105	ug/L	100
3) Chloromethane	1.240	50	53657	5.002	ug/L	99
5) Vinyl chloride	1.310	62	56908	5.051	ug/L	98
6) Bromomethane	1.523	94	33173	5.193	ug/L	97
8) Chloroethane	1.584	64	35805	5.015	ug/L	98
9) Trichlorofluoromethane	1.754	101	94659	5.156	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	48329	5.253	ug/L	98
12) 1,1-Dichloroethene	2.117	96	45138	5.180	ug/L	97
13) Acetone	2.201	43	59819m	51.791	ug/L	
14) Carbon disulfide	2.294	76	148957	5.085	ug/L	98
15) Methyl Acetate	2.442	43	15060m	5.745	ug/L	
16) Methylene chloride	2.506	84	53806	4.327	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	96051	5.379	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	52121	5.251	ug/L	99
19) 1,1-Dichloroethane	3.188	63	87562	5.247	ug/L	98
21) 2-Butanone	3.995	43	79705m	54.522	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	50746	5.331	ug/L	97
23) Bromochloromethane	4.246	128	24221	5.422	ug/L	96

MD 12/01/21

MD 12/01/21

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Acq On : 29 Nov 2021 11:50
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/30/2021
Supervised By :Mahesh Dadoda 11/30/2021

Quant Time: Nov 30 00:11:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.371	83	100323	5.396 ug/L	99
27) 1,2-Dichloroethane	5.130	62	53773	5.440 ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	91649	5.333 ug/L	99
30) Cyclohexane	4.674	56	73392	5.118 ug/L	98
31) Carbon tetrachloride	4.821	117	83779	5.322 ug/L	100
33) Benzene	5.095	78	198652	5.299 ug/L	100
34) Trichloroethene	5.911	95	53052	5.283 ug/L	97
35) Methylcyclohexane	6.127	83	81339	5.195 ug/L	98
37) 1,2-Dichloropropane	6.172	63	45720	5.130 ug/L	99
38) Bromodichloromethane	6.506	83	64786	5.356 ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	66434	5.238 ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	236554	55.607 ug/L	99
42) Toluene	7.384	91	227923	5.606 ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	59166	5.551 ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	34739	5.630 ug/L	98
47) Tetrachloroethene	7.972	164	49612	5.427 ug/L	97
48) 2-Hexanone	8.140	43	178043	56.626 ug/L	98
49) Dibromochloromethane	8.246	129	47326	5.597 ug/L	99
50) 1,2-Dibromoethane	8.352	107	33363	5.545 ug/L	96
51) Chlorobenzene	8.879	112	147012	5.454 ug/L	98
52) Ethylbenzene	9.011	91	233564	5.496 ug/L	100
53) m,p-xylene	9.136	106	94611	5.593 ug/L	99
54) o-xylene	9.541	106	90233	5.610 ug/L	100
55) Styrene	9.558	104	154333	5.694 ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	37807	5.507 ug/L	97
59) Bromoform	9.731	173	25361	5.334 ug/L	100
60) Isopropylbenzene	9.931	105	242418	5.640 ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27210	5.330 ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	200166	5.596 ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	199631	5.644 ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124070	5.645 ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	121447	5.498 ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	110363	5.487 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5749	5.671 ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	94736	5.521 ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	72666	5.458 ug/L	98
71) Naphthalene	13.503	128	93319	5.209 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	63006	5.462 ug/L	99

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